

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034618.D
 Acq On : 18 Mar 2023 07:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

Quant Time: Mar 20 09:01:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	240933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	420170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	453066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	182189	51.978	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.960%			
35) Dibromofluoromethane	5.385	113	140242	50.553	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	8.647	98	516071	49.832	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.660%			
62) 4-Bromofluorobenzene	11.079	95	254539	60.850	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 121.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	102649	45.701	ug/l	99
3) Chloromethane	1.307	50	147248	43.096	ug/l	100
4) Vinyl Chloride	1.374	62	144227	47.158	ug/l	96
5) Bromomethane	1.599	94	76234	49.403	ug/l	100
6) Chloroethane	1.679	64	98148	55.737	ug/l	100
7) Trichlorofluoromethane	1.880	101	245715	53.469	ug/l	100
8) Diethyl Ether	2.130	74	93926	55.989	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	127071	47.447	ug/l	99
10) Methyl Iodide	2.447	142	173668	49.391	ug/l	96
11) Tert butyl alcohol	2.959	59	209269	286.706	ug/l	100
12) 1,1-Dichloroethene	2.313	96	122587	46.477	ug/l	94
13) Acrolein	2.233	56	146999	254.576	ug/l	99
14) Allyl chloride	2.660	41	236425	44.214	ug/l	98
15) Acrylonitrile	3.062	53	426232	270.326	ug/l	99
16) Acetone	2.380	43	384988	233.175	ug/l	100
17) Carbon Disulfide	2.508	76	271056	36.517	ug/l	99
18) Methyl Acetate	2.703	43	289541	53.670	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	481080	50.942	ug/l	99
20) Methylene Chloride	2.788	84	147512	46.034	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	132391	47.264	ug/l	96
22) Diisopropyl ether	3.757	45	524178	51.414	ug/l	98
23) Vinyl Acetate	3.721	43	2005933	258.522	ug/l	99
24) 1,1-Dichloroethane	3.611	63	272367	49.698	ug/l	98
25) 2-Butanone	4.550	43	618861	261.957	ug/l	99
26) 2,2-Dichloropropane	4.477	77	146328	30.716	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	162712	48.254	ug/l	97
28) Bromochloromethane	4.898	49	117359	46.055	ug/l	98
29) Tetrahydrofuran	5.001	42	396358	271.893	ug/l	99
30) Chloroform	5.093	83	280480	52.210	ug/l	99
31) Cyclohexane	5.471	56	227173	46.214	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	238518	50.153	ug/l	99
36) 1,1-Dichloropropene	5.690	75	194936	45.750	ug/l	100
37) Ethyl Acetate	4.715	43	238733	51.286	ug/l	100
38) Carbon Tetrachloride	5.672	117	198952	46.935	ug/l	100
39) Methylcyclohexane	7.379	83	222636	43.661	ug/l	97
40) Benzene	6.038	78	591713	47.471	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	133605	52.372	ug/l	99
42) 1,2-Dichloroethane	6.086	62	238328	52.025	ug/l	98
43) Isopropyl Acetate	6.336	43	407910	51.727	ug/l	99
44) Trichloroethene	7.123	130	147718	45.610	ug/l	98
45) 1,2-Dichloropropane	7.428	63	160176	49.214	ug/l	97
46) Dibromomethane	7.580	93	110189	49.799	ug/l	98
47) Bromodichloromethane	7.824	83	215384	50.296	ug/l	97
48) Methyl methacrylate	7.690	41	196426	51.791	ug/l	97
49) 1,4-Dioxane	7.659	88	90358	1134.295	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1280133	279.833	ug/l	98
52) Toluene	8.714	92	378360	49.029	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	223926	46.415	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	235402	45.100	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	173160	56.540	ug/l	98
56) Ethyl methacrylate	9.116	69	261833	52.070	ug/l	96
57) 1,3-Dichloropropane	9.305	76	304754	55.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	569270	219.670	ug/l	100
59) 2-Hexanone	9.427	43	1075474	304.128	ug/l	99
60) Dibromochloromethane	9.519	129	181739	56.580	ug/l	99
61) 1,2-Dibromoethane	9.610	107	188368	56.996	ug/l	99
64) Tetrachloroethene	9.275	164	133144	43.748	ug/l	91
65) Chlorobenzene	10.080	112	477130	47.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	179450	49.565	ug/l	99
67) Ethyl Benzene	10.195	91	870030	48.889	ug/l	99
68) m/p-Xylenes	10.299	106	656942	96.098	ug/l	98
69) o-Xylene	10.640	106	328254	47.848	ug/l	97
70) Styrene	10.653	104	553317	49.990	ug/l	99
71) Bromoform	10.799	173	134104	48.119	ug/l	99
73) Isopropylbenzene	10.964	105	870634	48.562	ug/l	100
74) N-amyl acetate	10.842	43	435919	50.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	299795	50.112	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	281740m	52.897	ug/l	
77) Bromobenzene	11.195	156	205498	47.775	ug/l	97
78) n-propylbenzene	11.305	91	1010551	48.807	ug/l	99
79) 2-Chlorotoluene	11.366	91	637973	49.891	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	743681	49.455	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	75586	38.392	ug/l	92
82) 4-Chlorotoluene	11.457	91	724492	49.188	ug/l	100
83) tert-Butylbenzene	11.713	119	742632	48.981	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	755043	49.130	ug/l	99
85) sec-Butylbenzene	11.890	105	903750	48.757	ug/l	100
86) p-Isopropyltoluene	12.006	119	766490	49.203	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	395606	46.940	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	393896	46.222	ug/l	99
89) n-Butylbenzene	12.335	91	642510	46.394	ug/l	99
90) Hexachloroethane	12.536	117	130881	45.405	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	384768	47.242	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58910	43.341	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	201793	39.619	ug/l	100
94) Hexachlorobutadiene	13.725	225	77509	37.774	ug/l	98
95) Naphthalene	13.774	128	731464	42.827	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	205370	41.250	ug/l	99

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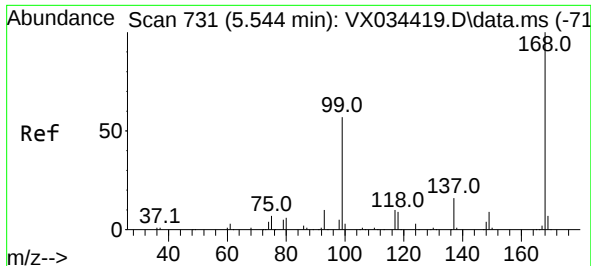
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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Page: 4



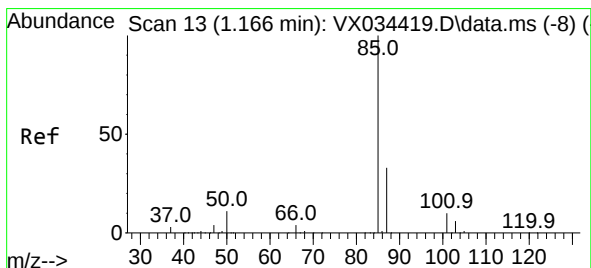
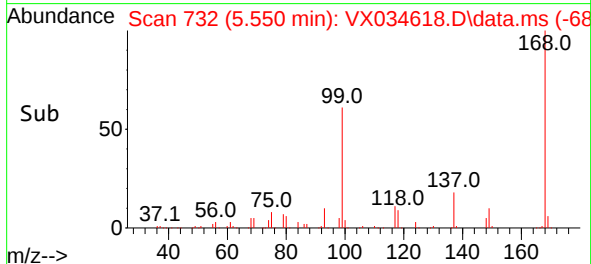
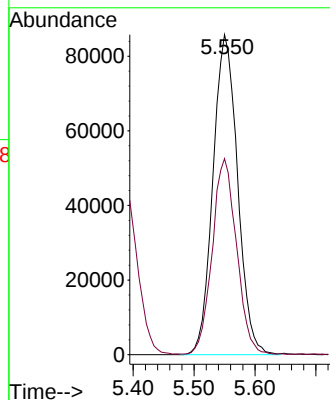
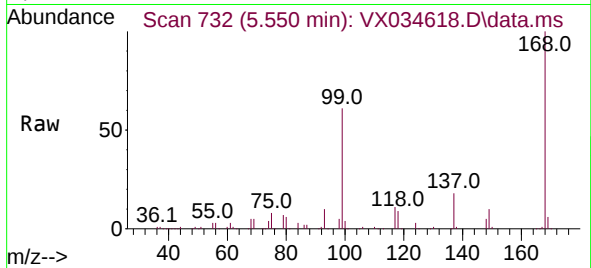
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034618.D
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 24093
Ion Ratio Lower Upper
168 100
99 61.0 45.7 68.5

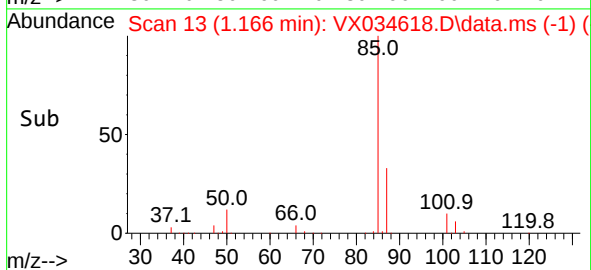
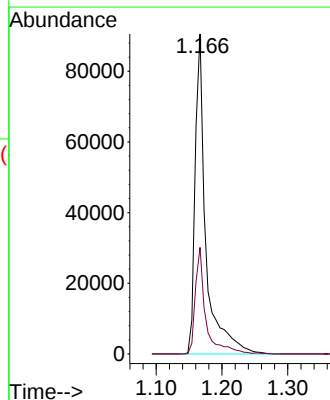
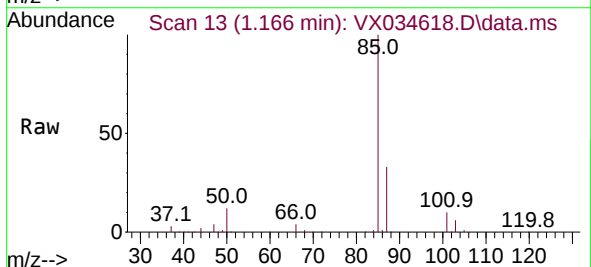
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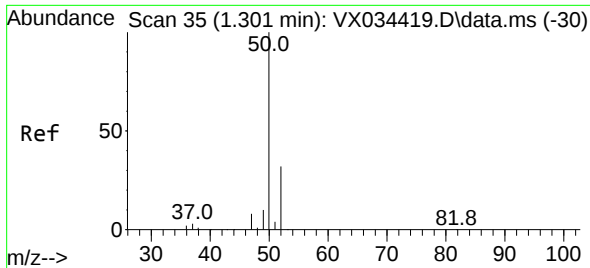
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#2
Dichlorodifluoromethane
Concen: 45.701 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

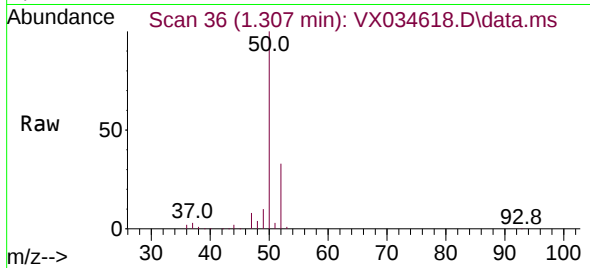
Tgt Ion: 85 Resp: 102649
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1





#3
Chloromethane
Concen: 43.096 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

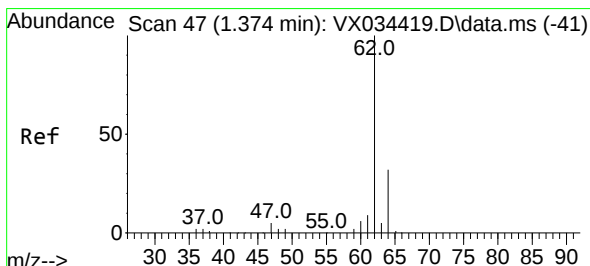
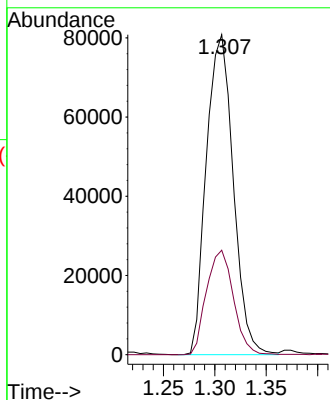
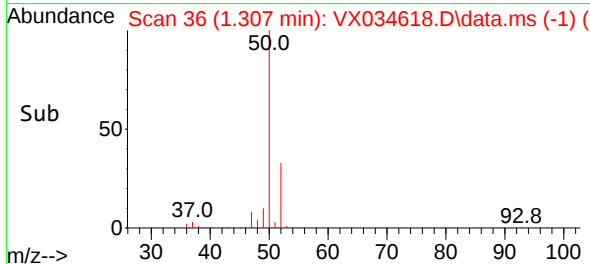
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 147248
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

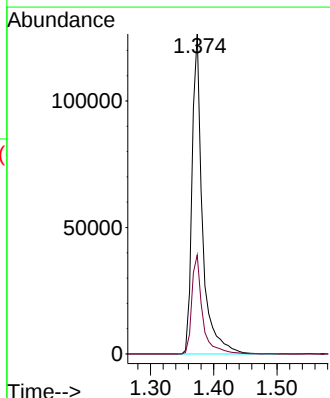
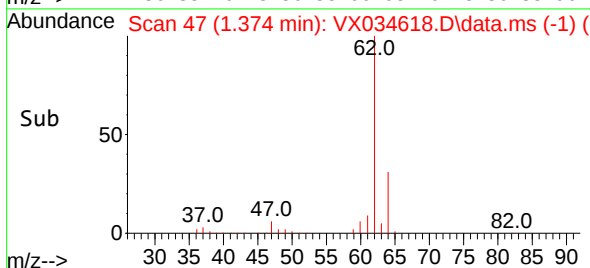
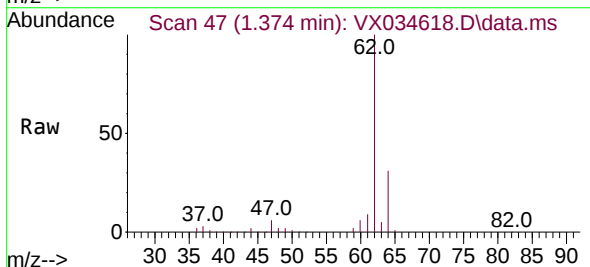
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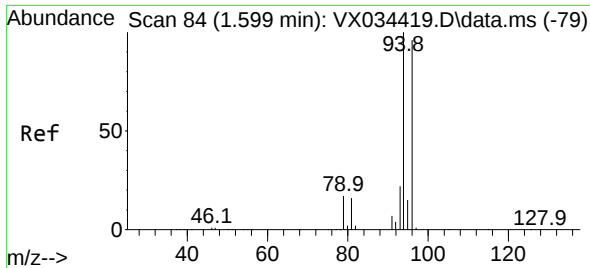
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#4
Vinyl Chloride
Concen: 47.158 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

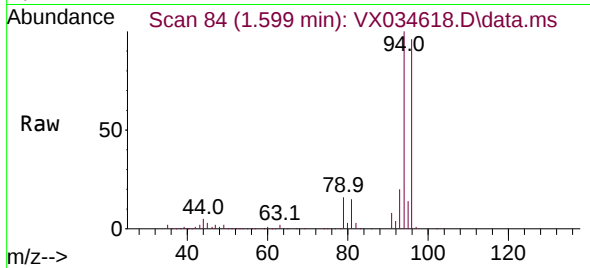
Tgt Ion: 62 Resp: 144227
Ion Ratio Lower Upper
62 100
64 30.9 26.4 39.6





#5
Bromomethane
Concen: 49.403 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

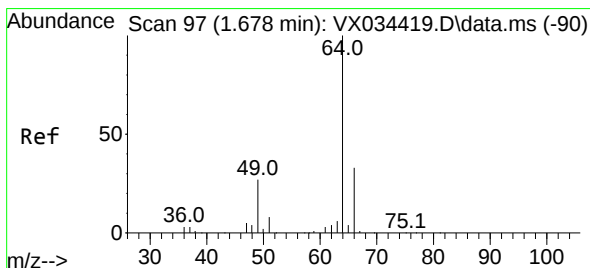
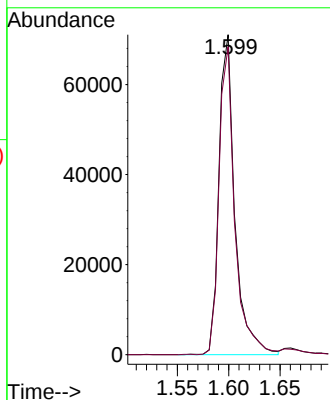
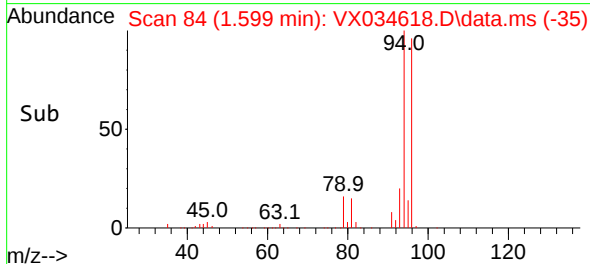
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Tgt Ion: 94 Resp: 76234
Ion Ratio Lower Upper
94 100
96 96.3 77.0 115.6

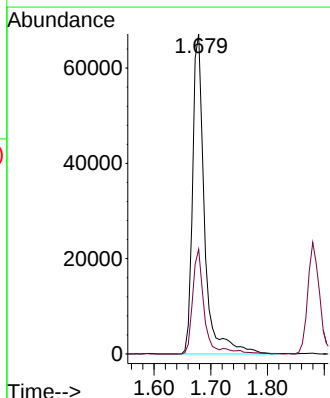
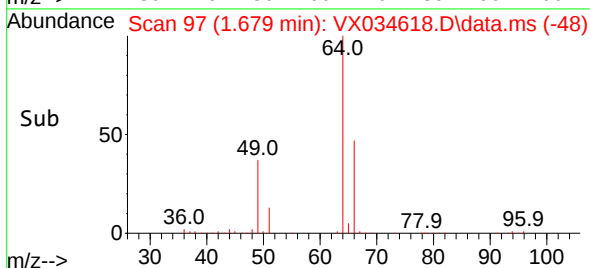
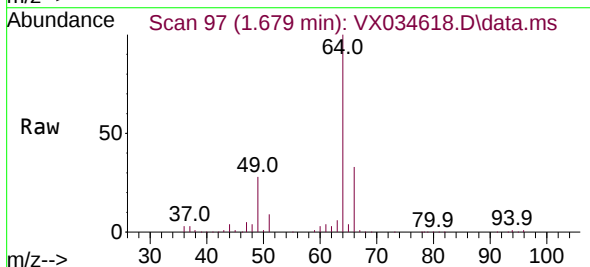
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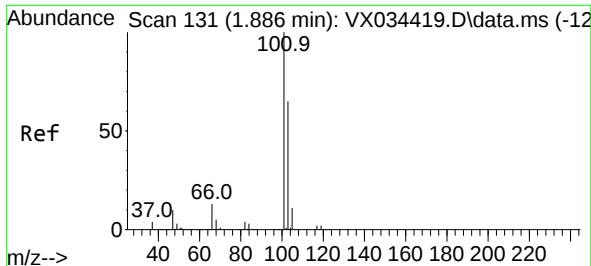
Reviewed By :John Carlone 03/20/2023
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#6
Chloroethane
Concen: 55.737 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034618.D
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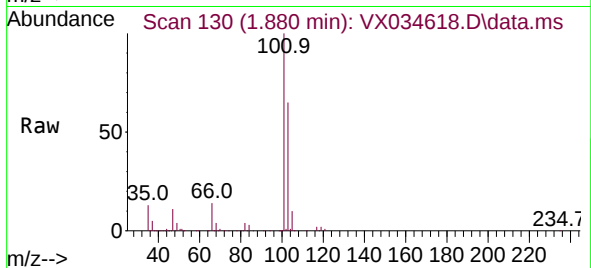
Tgt Ion: 64 Resp: 98148
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 53.469 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX034618.D
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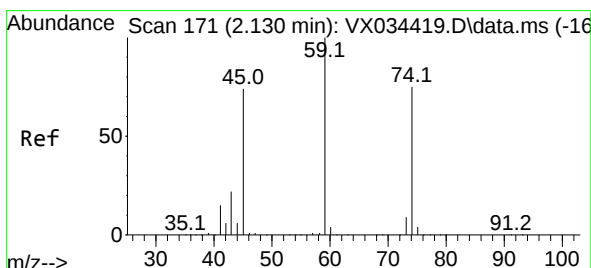
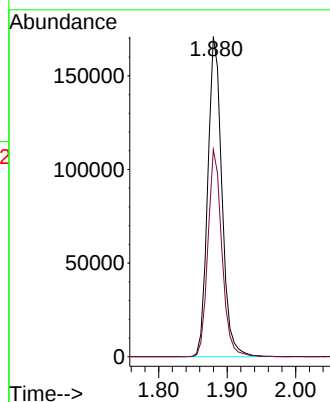
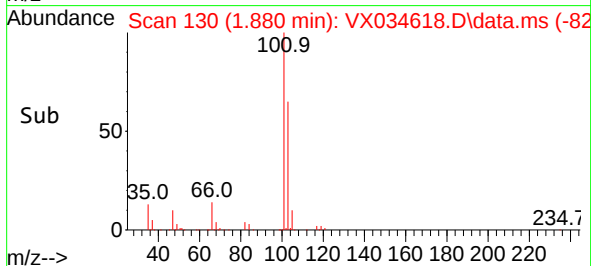
Instrument :
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Tgt Ion:101 Resp: 245715
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.0 78.0

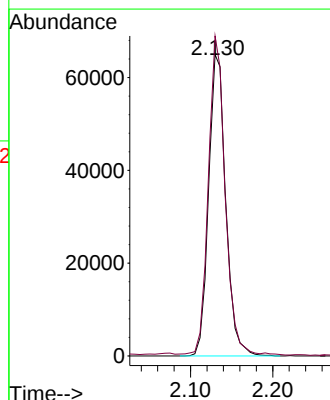
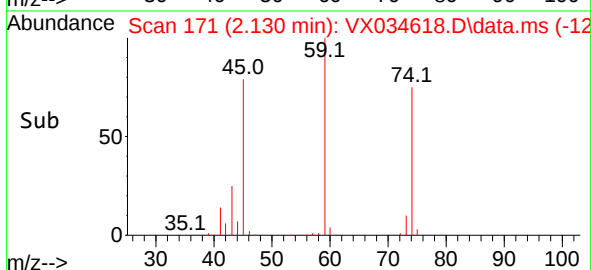
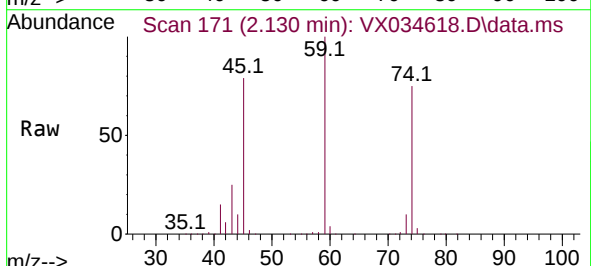
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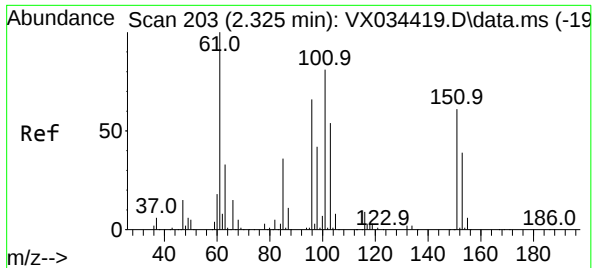
Reviewed By :John Carlone 03/20/2023
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#8
 Diethyl Ether
 Concen: 55.989 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 93926
 Ion Ratio Lower Upper
 74 100
 45 104.1 49.8 149.3





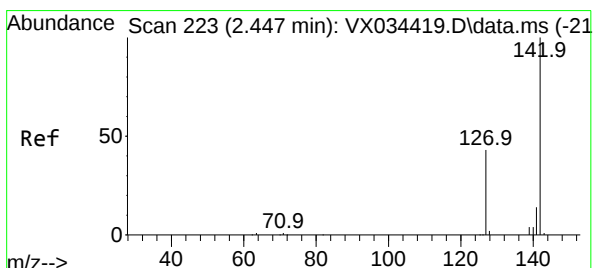
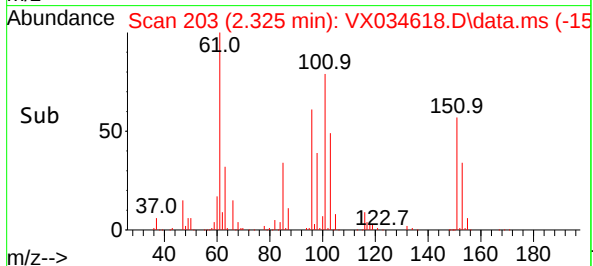
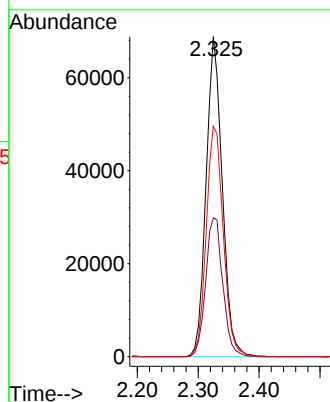
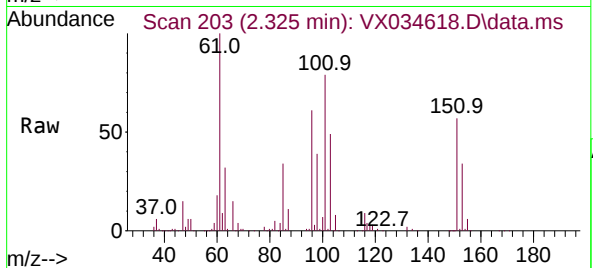
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.447 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12707
Ion Ratio Lower Upper
101 100
85 45.8 35.4 53.2
151 75.9 60.2 90.4

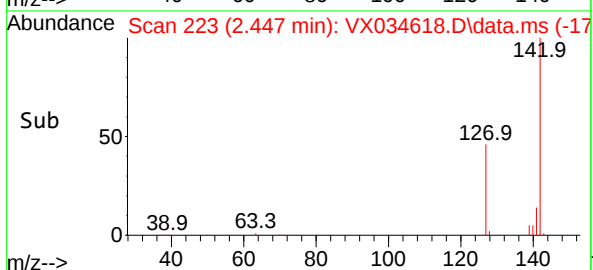
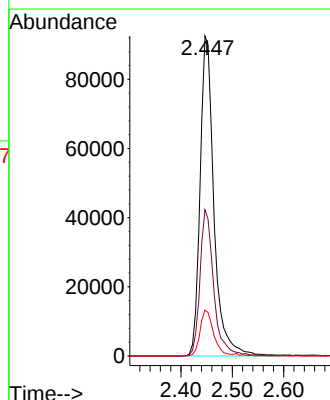
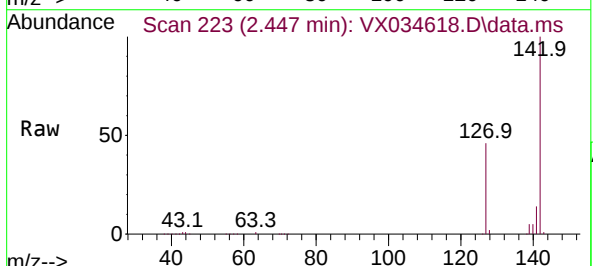
Manual Integrations
APPROVED

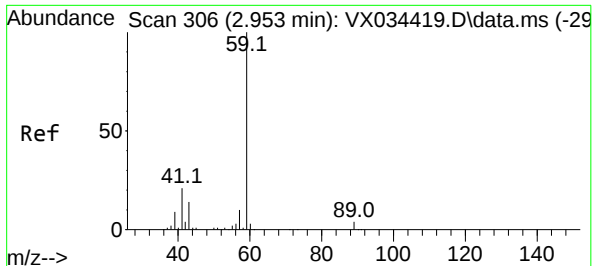
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#10
Methyl Iodide
Concen: 49.391 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion:142 Resp: 173668
Ion Ratio Lower Upper
142 100
127 45.3 34.0 51.0
141 14.4 11.1 16.7





#11

Tert butyl alcohol

Concen: 286.706 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 209269

Ion Ratio Lower Upper

59 100

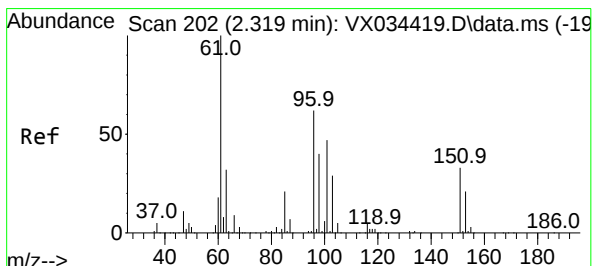
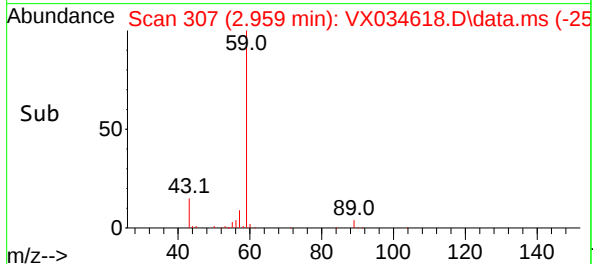
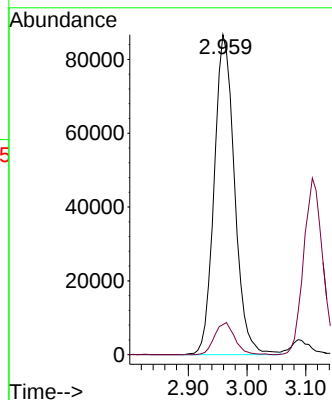
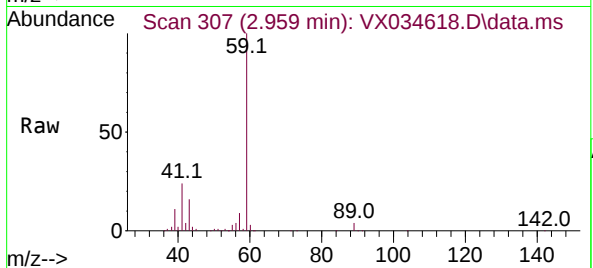
57 10.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#12

1,1-Dichloroethene

Concen: 46.477 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

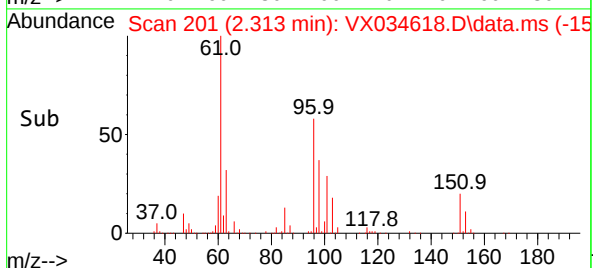
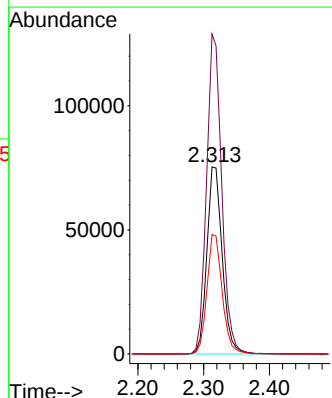
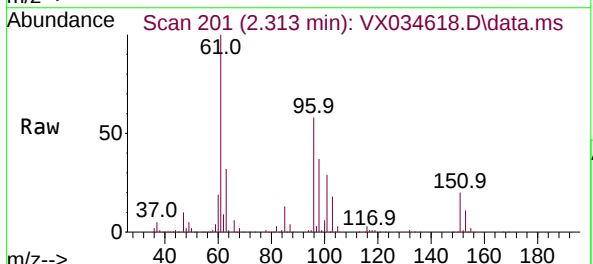
Tgt Ion: 96 Resp: 122587

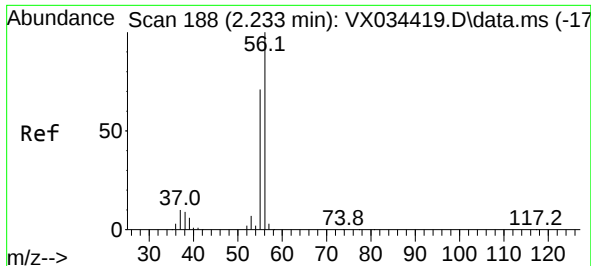
Ion Ratio Lower Upper

96 100

61 171.0 128.8 193.2

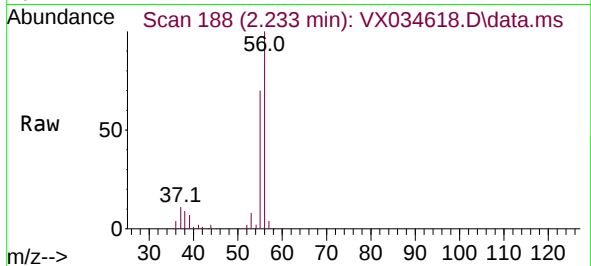
98 63.8 51.4 77.0





#13
Acrolein
Concen: 254.576 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

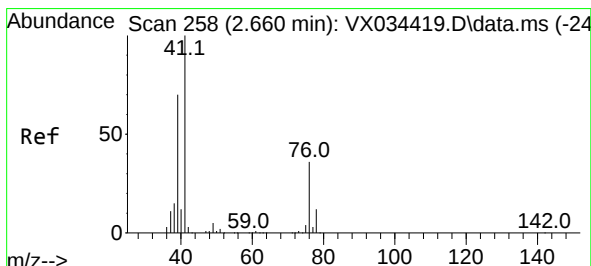
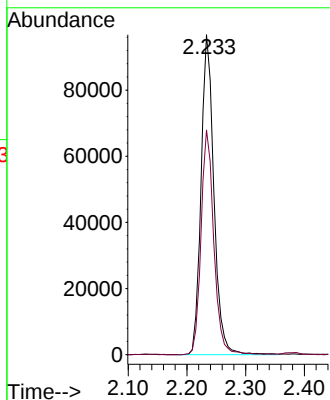
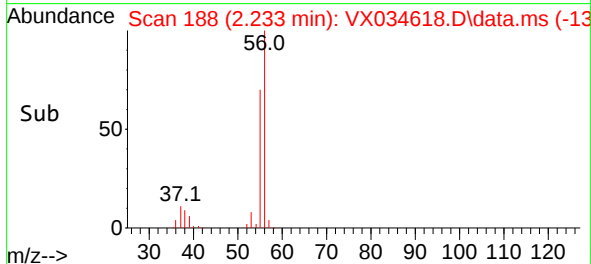
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



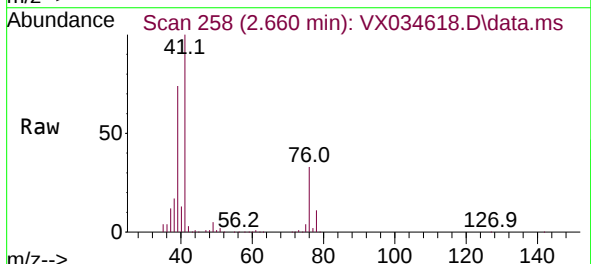
Tgt Ion: 56 Resp: 146995
Ion Ratio Lower Upper
56 100
55 70.0 56.6 85.0

Manual Integrations
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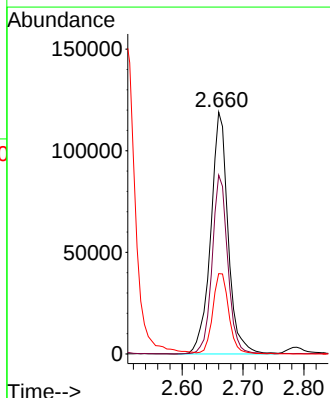
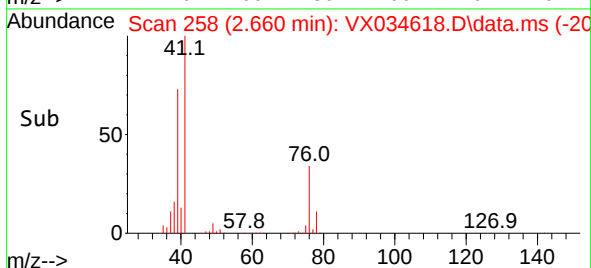
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

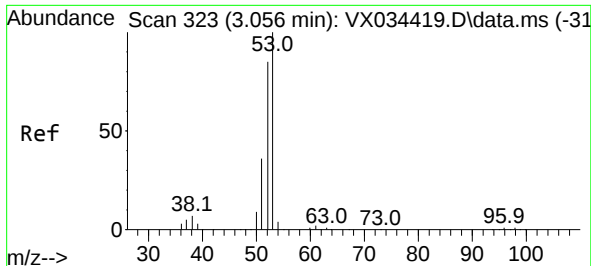


#14
Allyl chloride
Concen: 44.214 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38



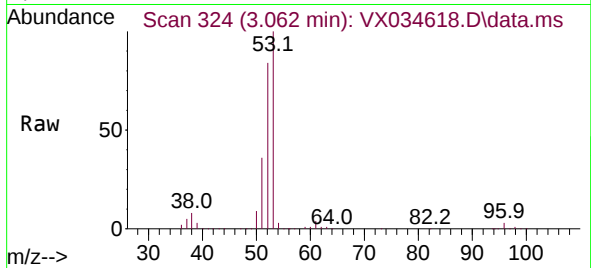
Tgt Ion: 41 Resp: 236425
Ion Ratio Lower Upper
41 100
39 66.6 52.4 78.6
76 30.4 26.0 39.0





#15
Acrylonitrile
Concen: 270.326 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

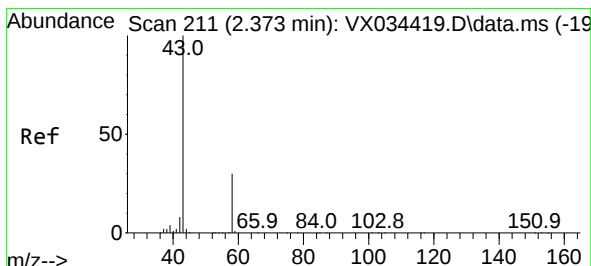
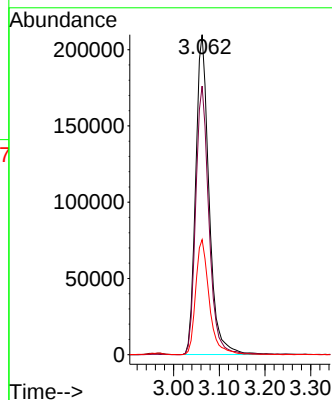
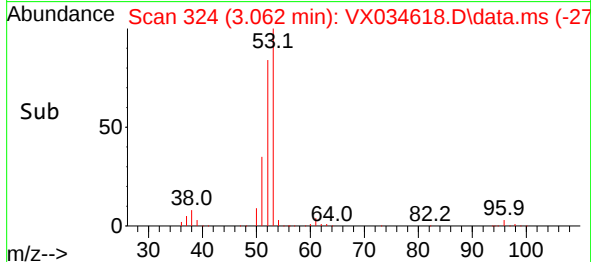
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 42623
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 36.6 28.3 42.5

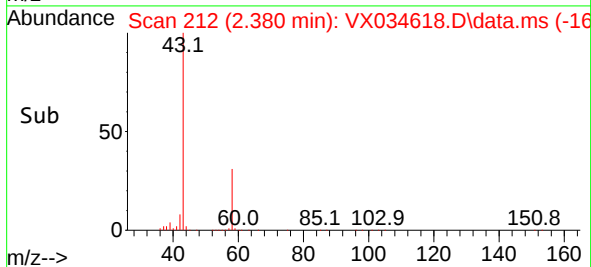
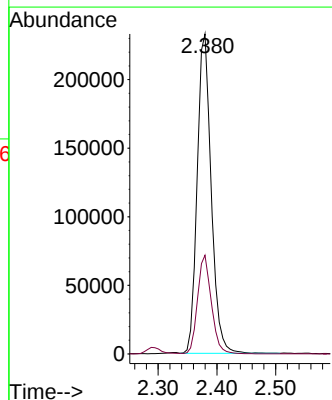
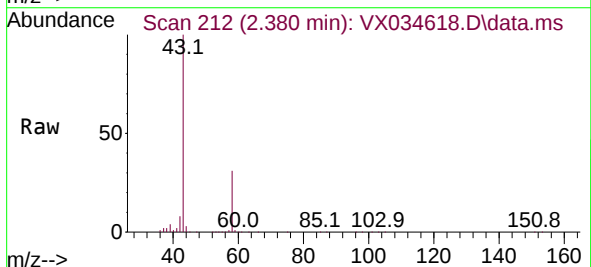
Manual Integrations
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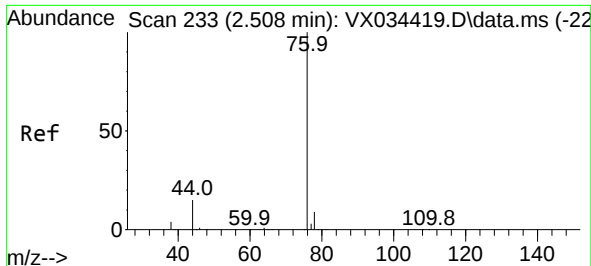
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#16
Acetone
Concen: 233.175 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion: 43 Resp: 384988
Ion Ratio Lower Upper
43 100
58 30.9 24.7 37.1





#17

Carbon Disulfide

Concen: 36.517 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 271050

Ion Ratio Lower Upper

76 100

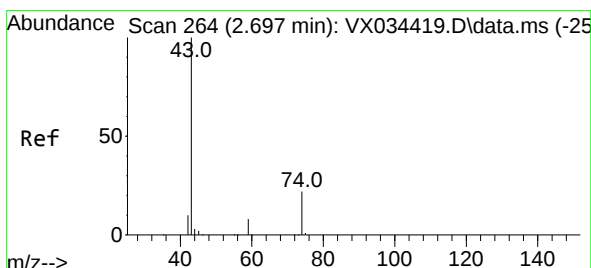
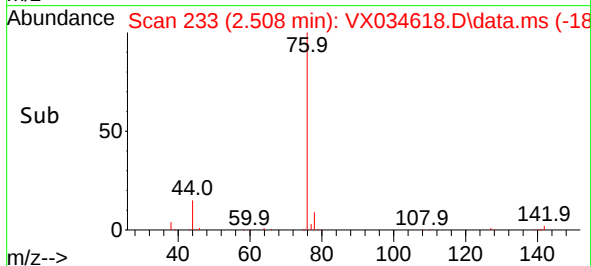
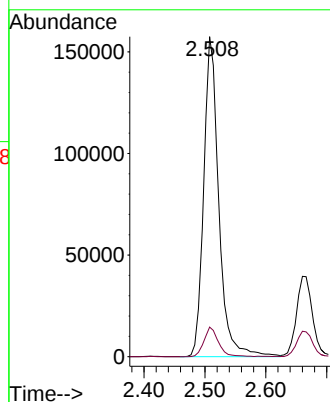
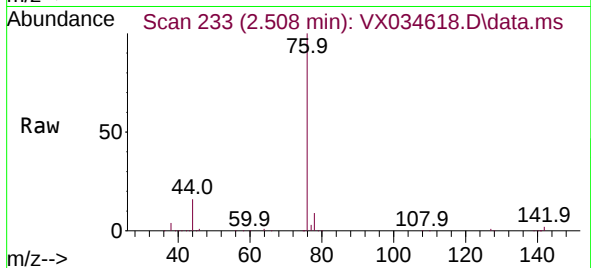
78 9.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#18

Methyl Acetate

Concen: 53.670 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034618.D

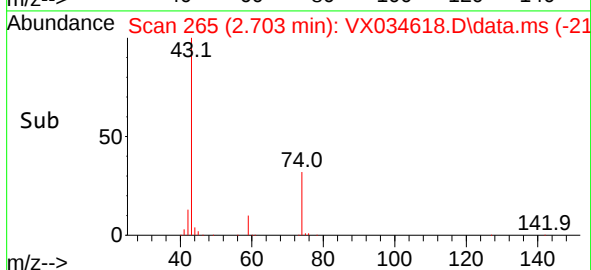
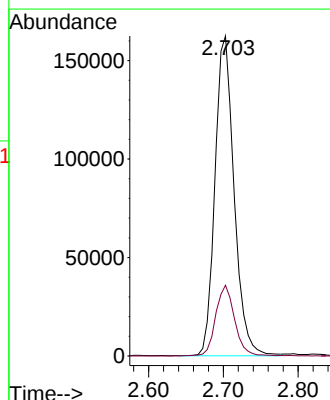
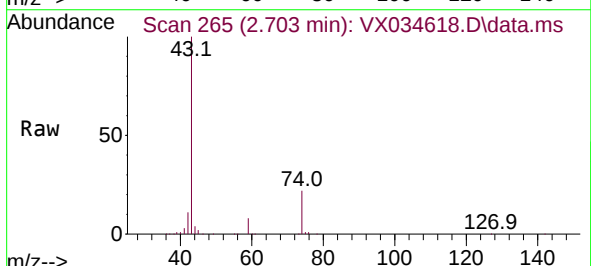
Acq: 18 Mar 2023 07:38

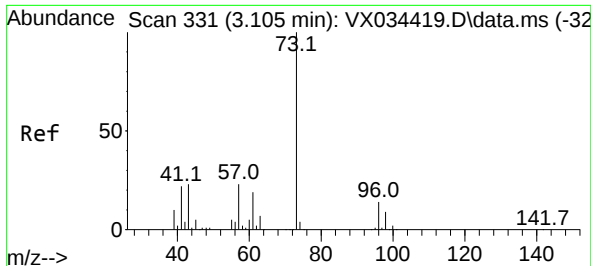
Tgt Ion: 43 Resp: 289541

Ion Ratio Lower Upper

43 100

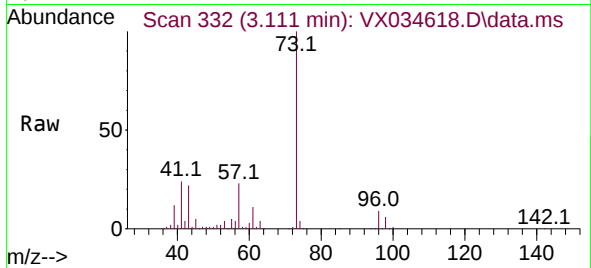
74 21.9 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 50.942 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

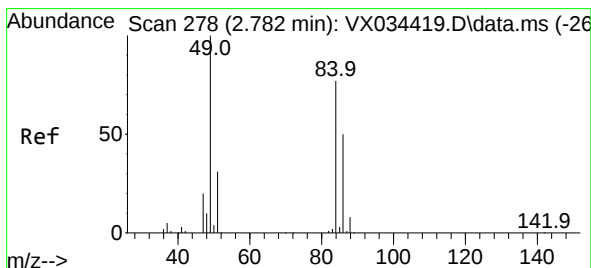
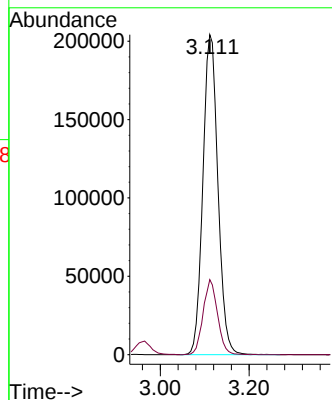
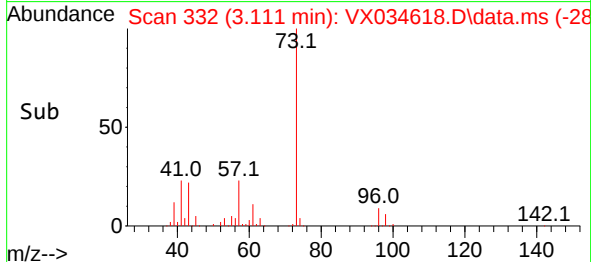
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



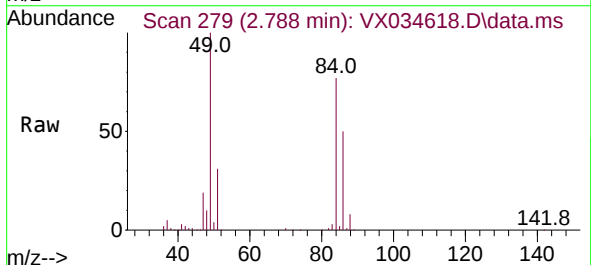
Tgt Ion: 73 Resp: 481080
Ion Ratio Lower Upper
73 100
57 23.4 18.5 27.7

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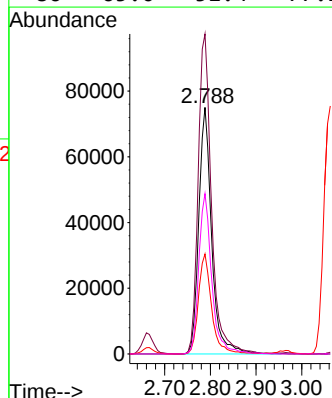
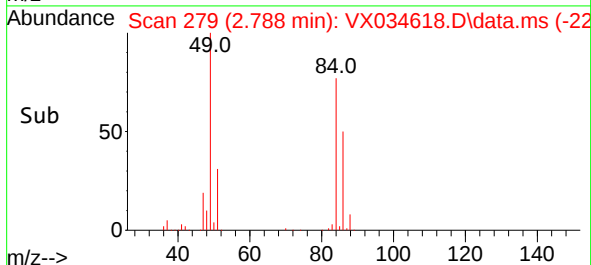
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

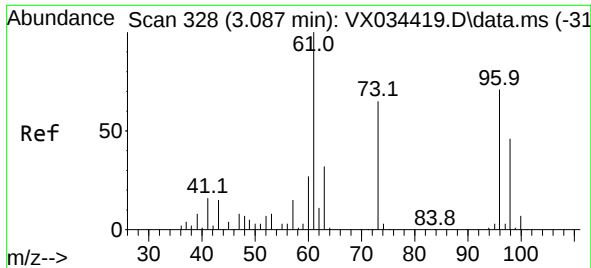


#20
Methylene Chloride
Concen: 46.034 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38



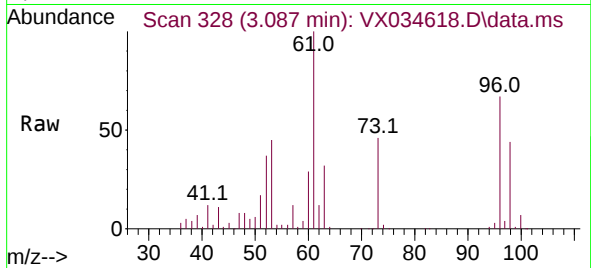
Tgt Ion: 84 Resp: 147512
Ion Ratio Lower Upper
84 100
49 129.8 103.8 155.8
51 40.6 31.8 47.8
86 65.0 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 47.264 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

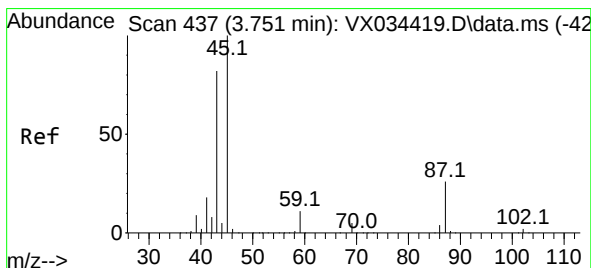
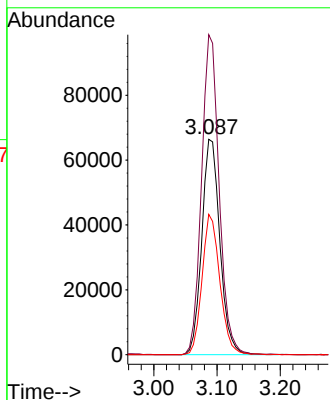
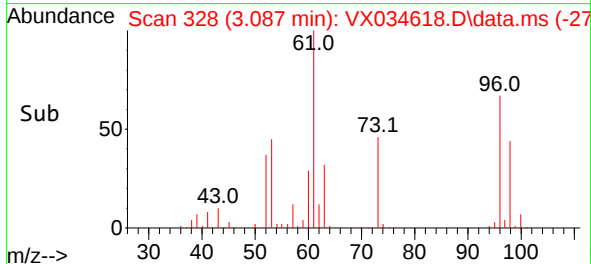
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



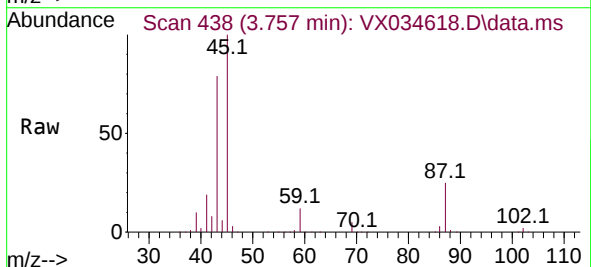
Tgt Ion: 96 Resp: 13239
Ion Ratio Lower Upper
96 100
61 148.6 113.0 169.6
98 65.2 52.1 78.1

Manual Integrations
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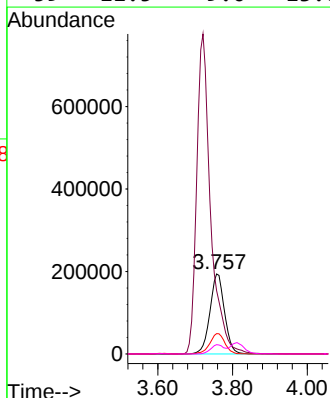
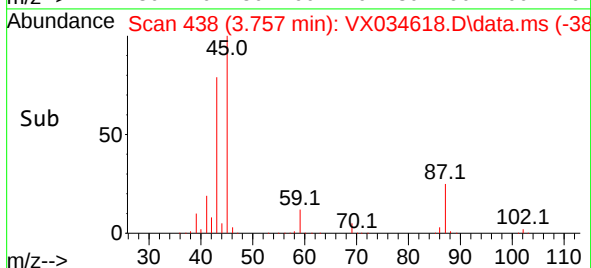
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

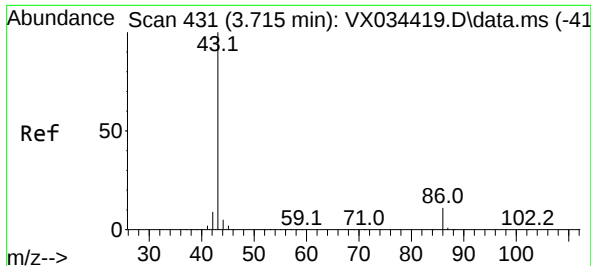


#22
Diisopropyl ether
Concen: 51.414 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38



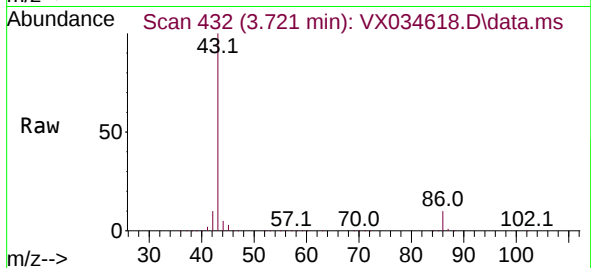
Tgt Ion: 45 Resp: 524178
Ion Ratio Lower Upper
45 100
43 79.2 65.4 98.2
87 25.5 20.6 31.0
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 258.522 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034618.D
 Acq: 18 Mar 2023 07:38

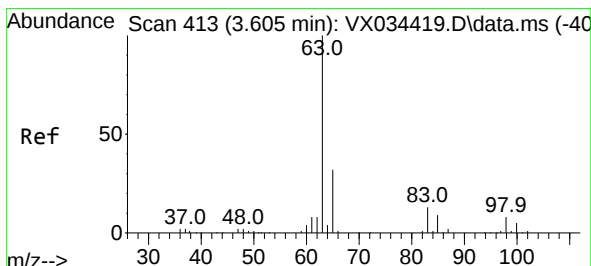
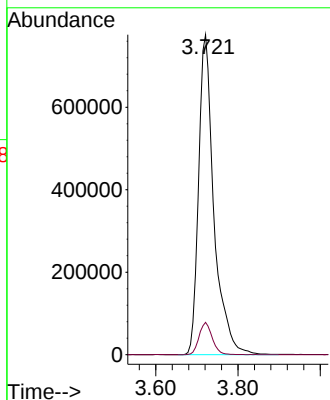
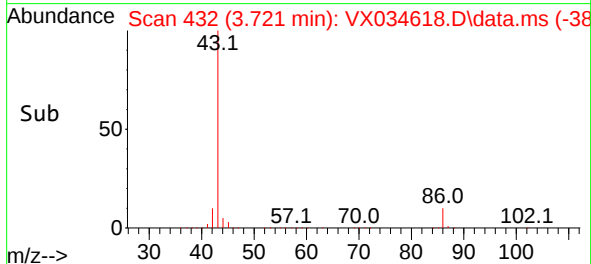
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



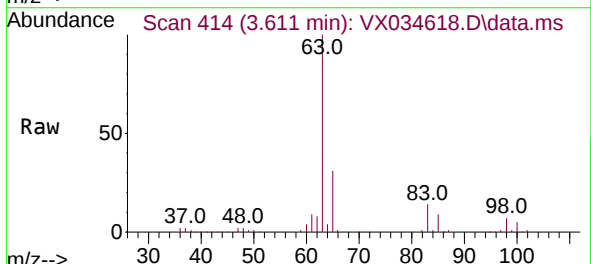
Tgt Ion: 43 Resp: 200593
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

Manual Integrations
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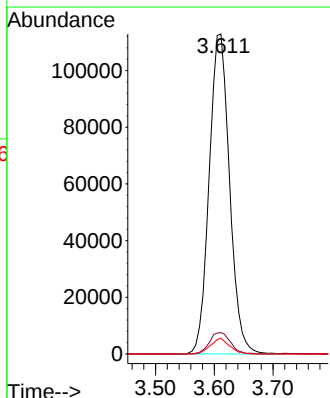
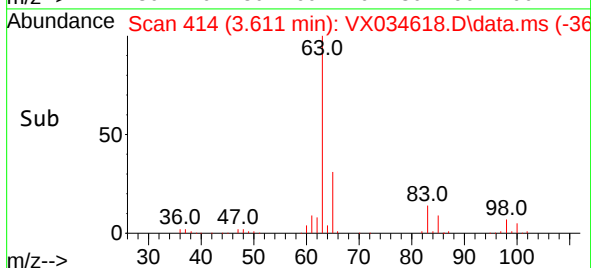
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

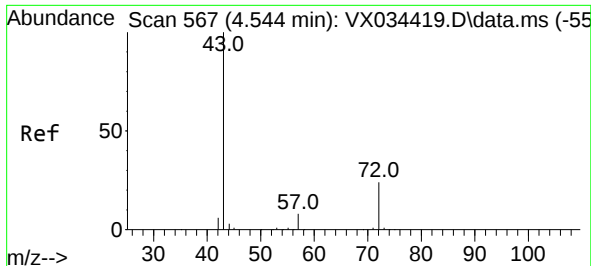


#24
 1,1-Dichloroethane
 Concen: 49.698 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034618.D
 Acq: 18 Mar 2023 07:38



Tgt Ion: 63 Resp: 272367
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.9 2.4 7.1





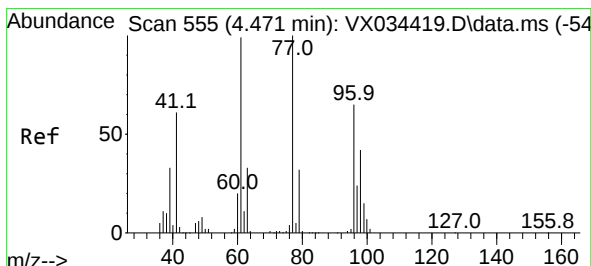
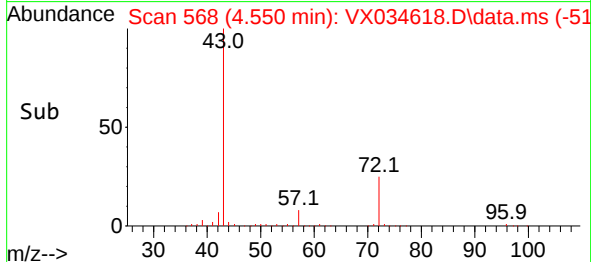
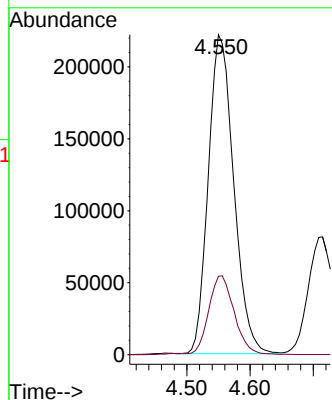
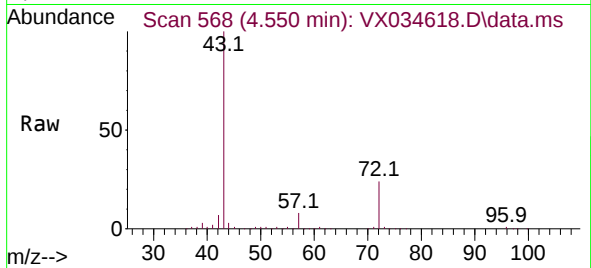
#25
2-Butanone
Concen: 261.957 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 61886
Ion Ratio Lower Upper
43 100
72 24.4 19.3 28.9

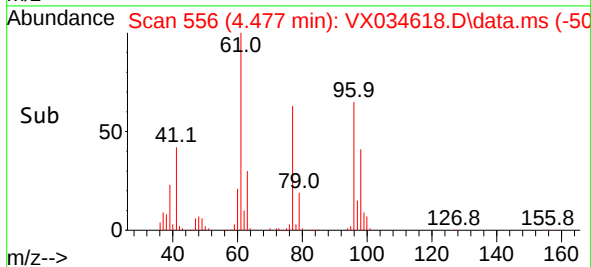
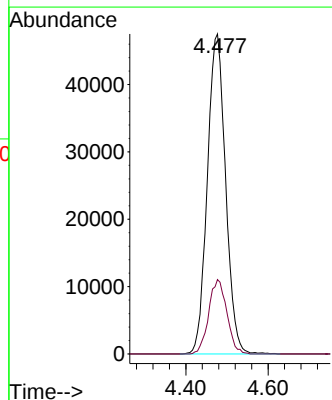
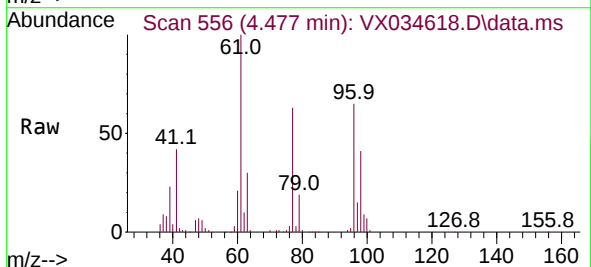
Manual Integrations
APPROVED

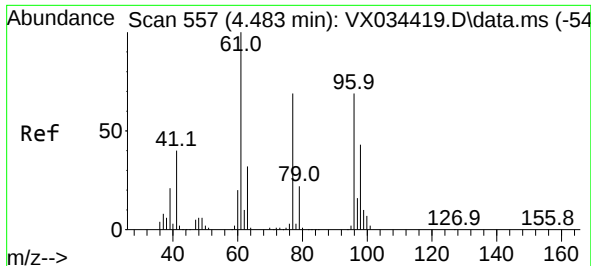
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#26
2,2-Dichloropropane
Concen: 30.716 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion: 77 Resp: 146328
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.254 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 16271

Ion Ratio Lower Upper

96 100

61 145.0 0.0 300.4

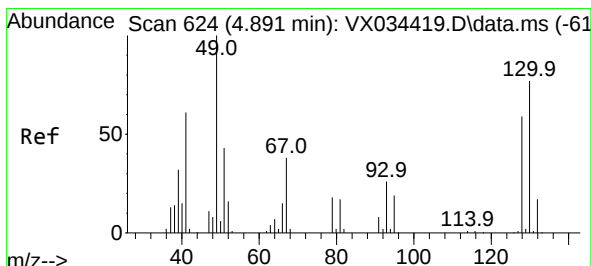
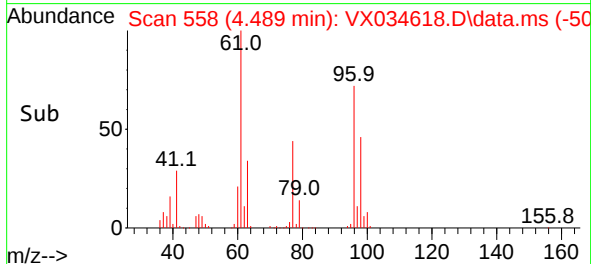
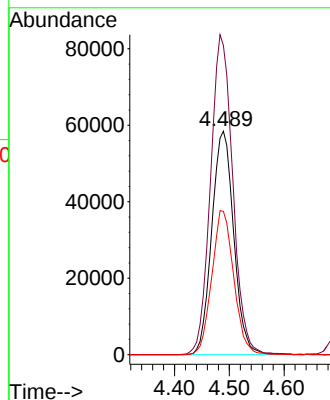
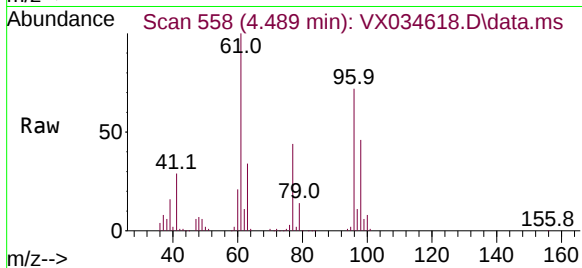
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#28

Bromochloromethane

Concen: 46.055 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

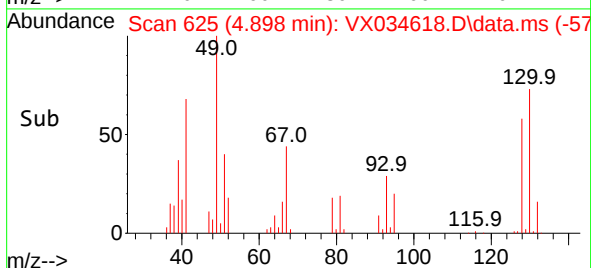
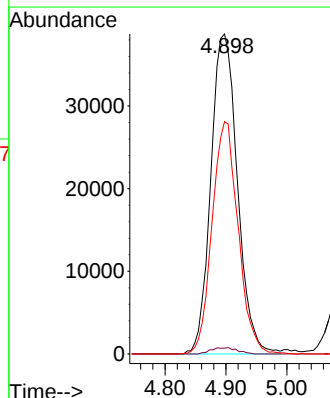
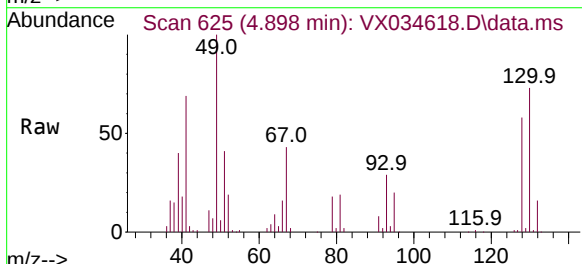
Tgt Ion: 49 Resp: 117359

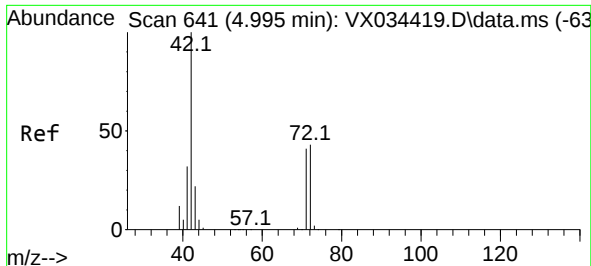
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 71.2 58.2 87.2





#29

Tetrahydrofuran

Concen: 271.893 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

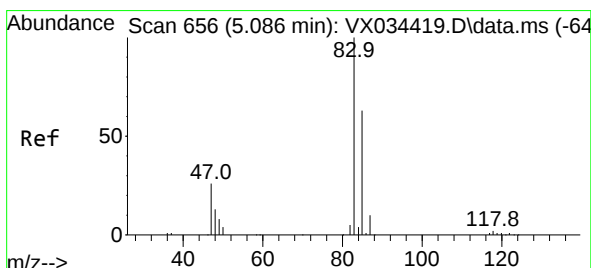
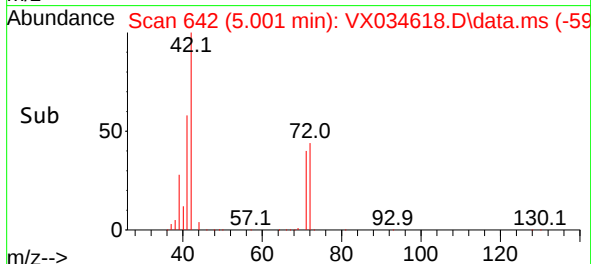
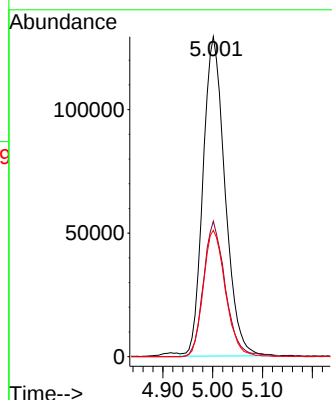
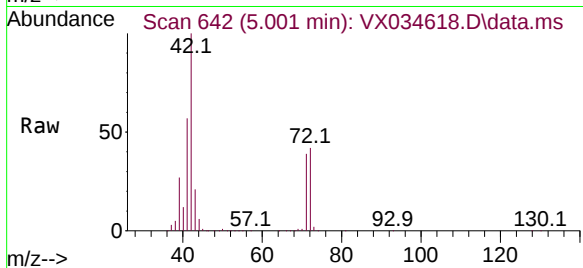
Tgt Ion: 42 Resp: 396358
 Ion Ratio Lower Upper
 42 100
 72 42.3 34.5 51.7
 71 39.9 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#30

Chloroform

Concen: 52.210 ug/l

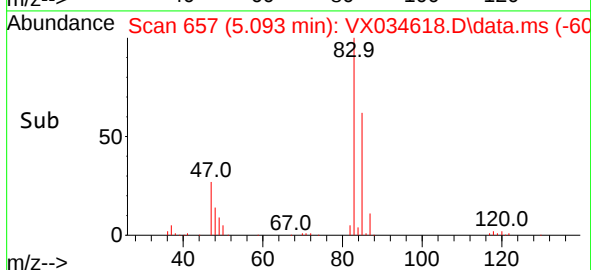
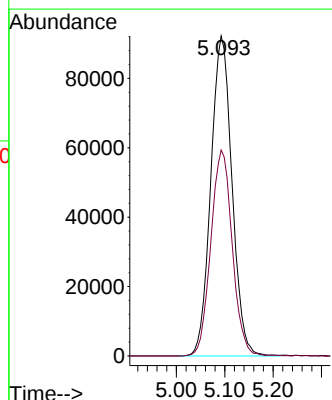
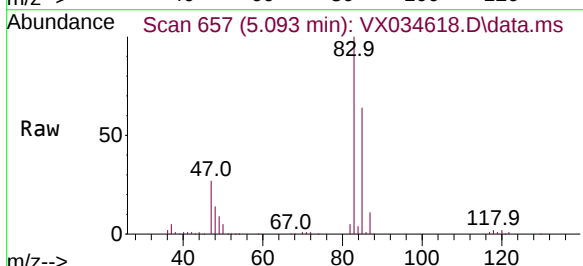
RT: 5.093 min Scan# 657

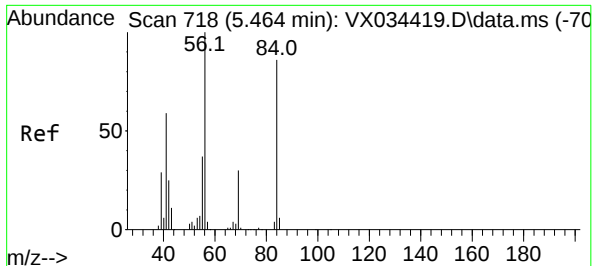
Delta R.T. 0.006 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

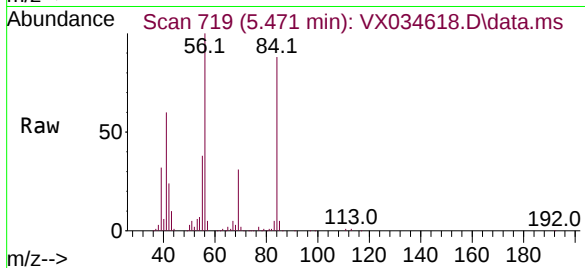
Tgt Ion: 83 Resp: 280480
 Ion Ratio Lower Upper
 83 100
 85 64.4 50.6 76.0





#31
Cyclohexane
Concen: 46.214 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

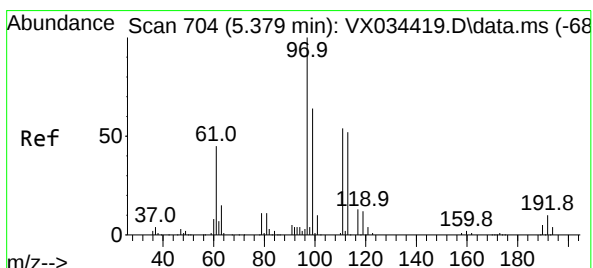
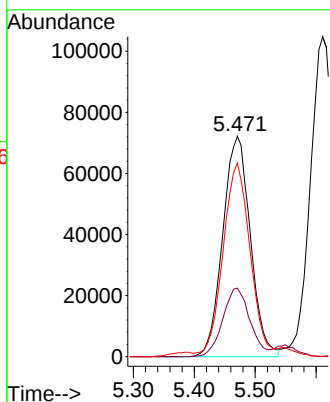
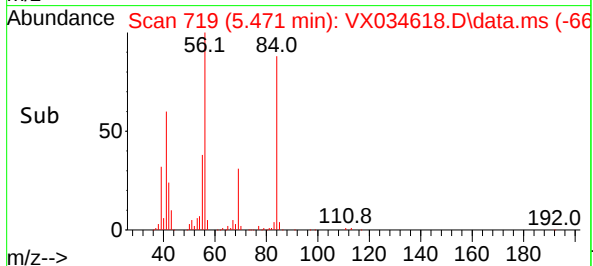
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



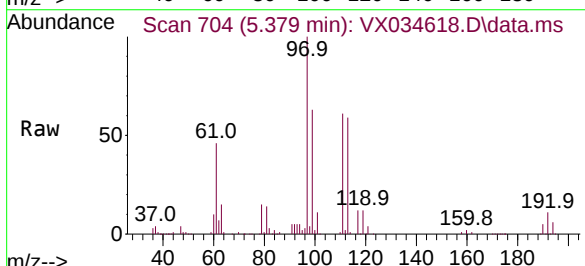
Tgt Ion: 56 Resp: 22717
Ion Ratio Lower Upper
56 100
69 31.1 23.7 35.5
84 86.1 68.5 102.7

Manual Integrations
APPROVED

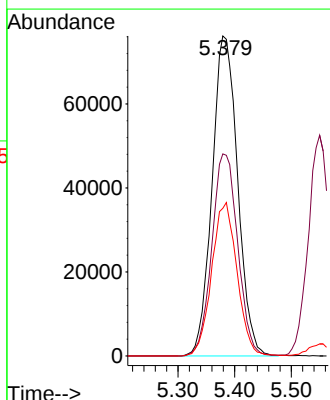
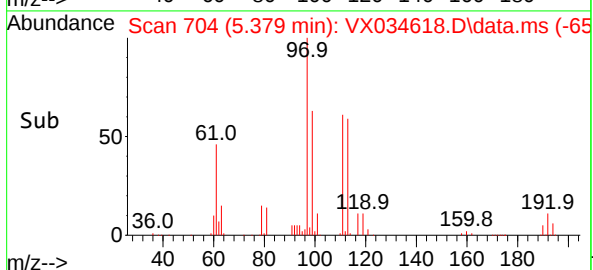
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

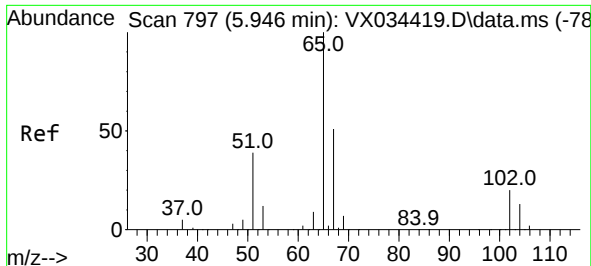


#32
1,1,1-Trichloroethane
Concen: 50.153 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38



Tgt Ion: 97 Resp: 238518
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 47.7 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 51.978 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

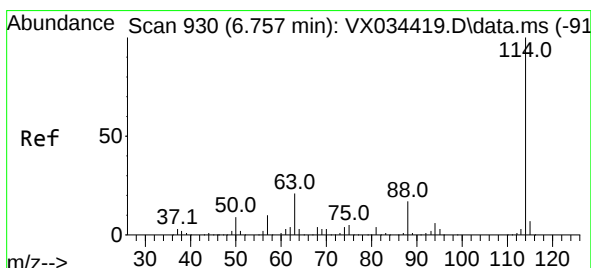
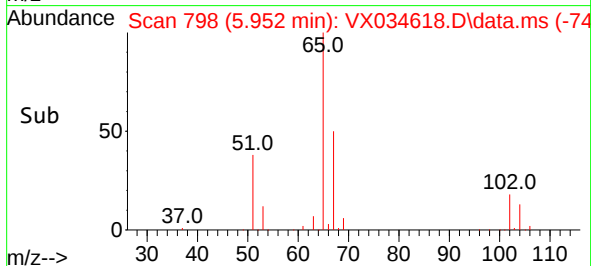
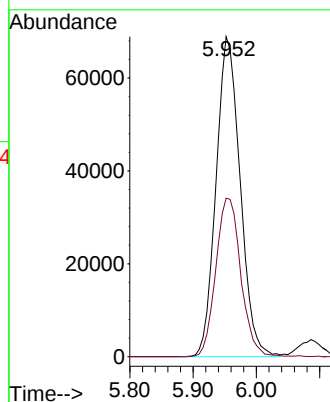
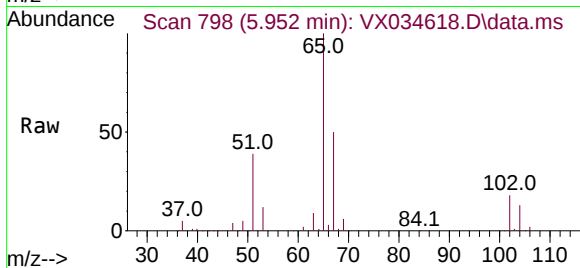
VSTDCCC050EC

Tgt Ion: 65 Resp: 182189
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

Manual Integrations

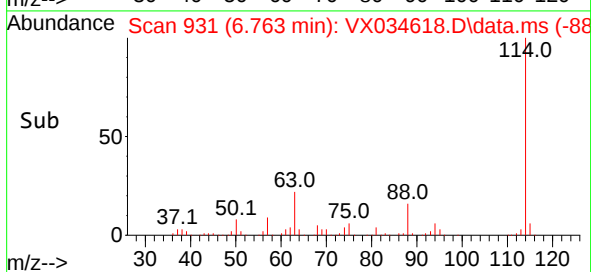
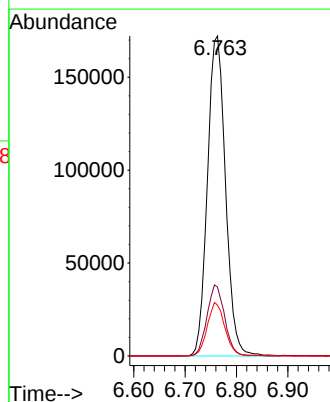
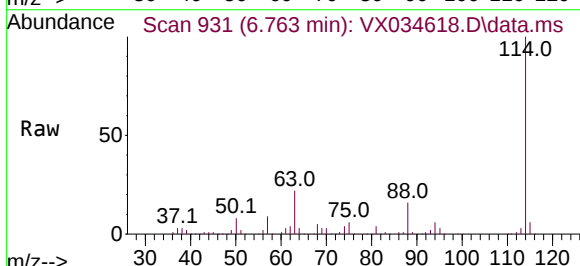
APPROVED

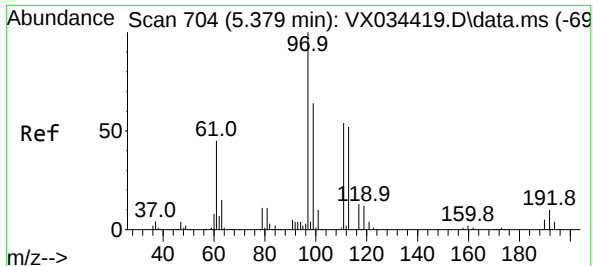
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion:114 Resp: 420170
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.2
88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.553 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 14024

Ion Ratio Lower Upper

113 100

111 101.5 83.7 125.5

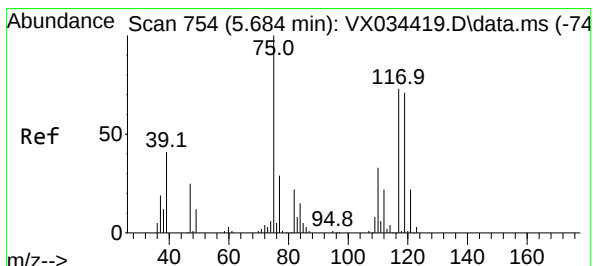
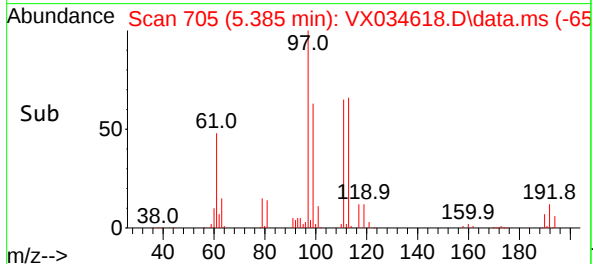
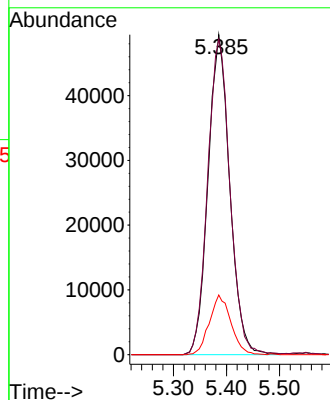
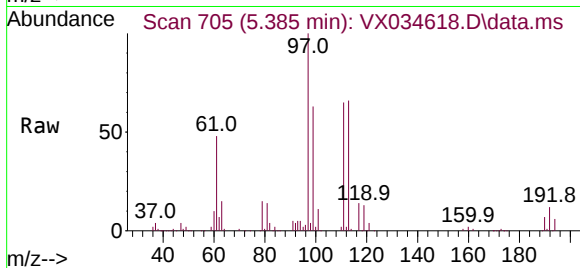
192 18.5 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#36

1,1-Dichloropropene

Concen: 45.750 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

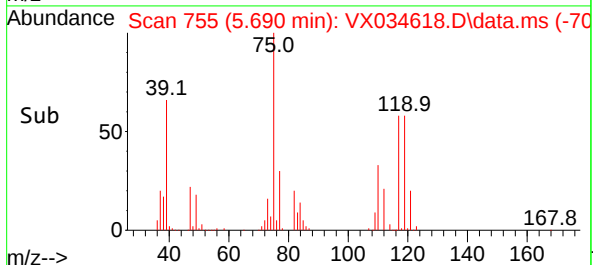
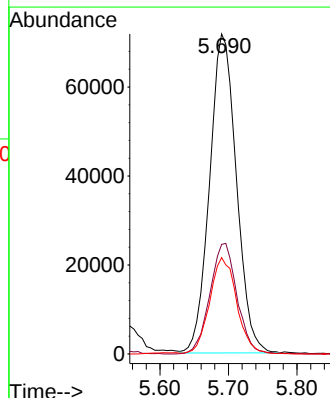
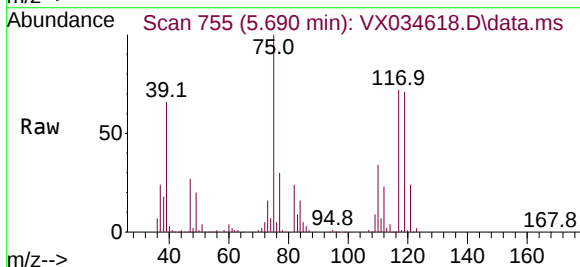
Tgt Ion: 75 Resp: 194936

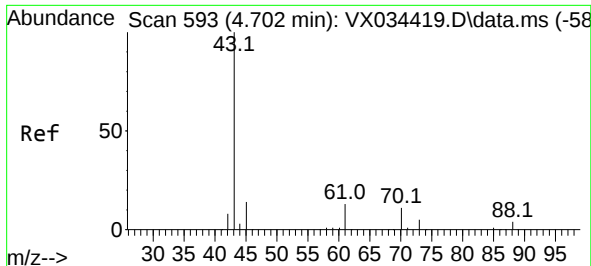
Ion Ratio Lower Upper

75 100

110 35.1 17.5 52.5

77 30.6 24.3 36.5





#37

Ethyl Acetate

Concen: 51.286 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034618.D

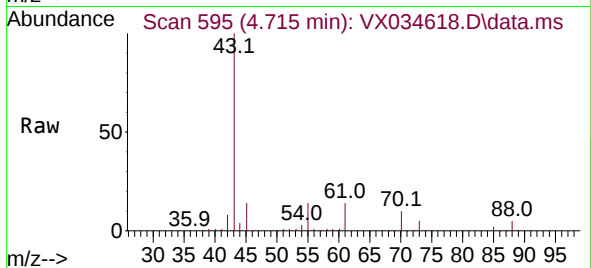
Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



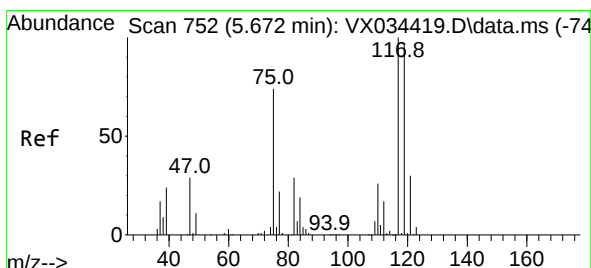
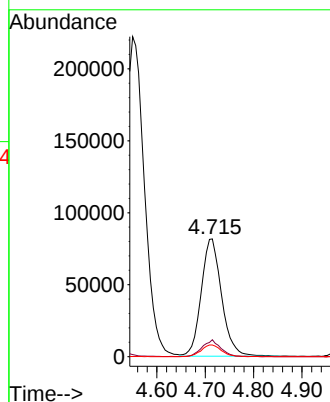
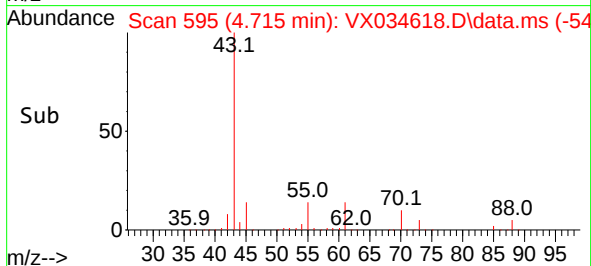
Tgt Ion:	43	Resp:	23873
Ion Ratio	Lower	Upper	
43	100		
61	12.7	10.2	15.4
70	10.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#38

Carbon Tetrachloride

Concen: 46.935 ug/l

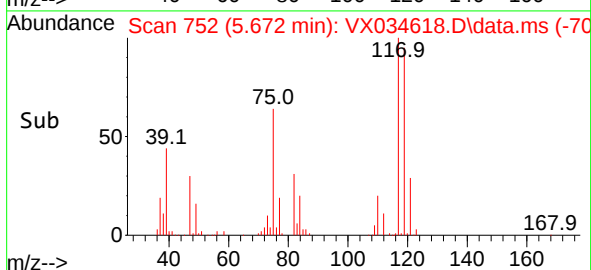
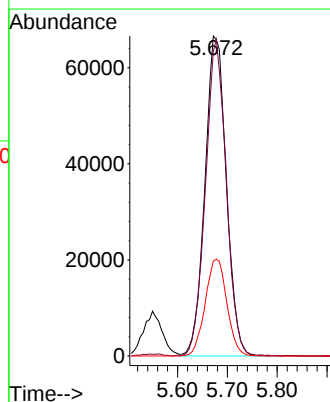
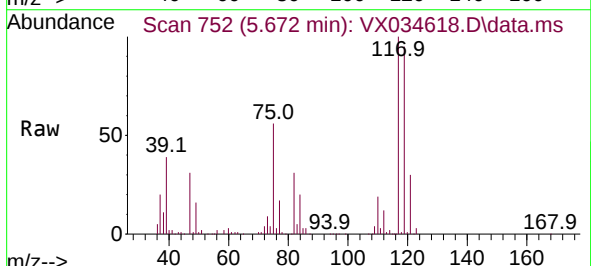
RT: 5.672 min Scan# 752

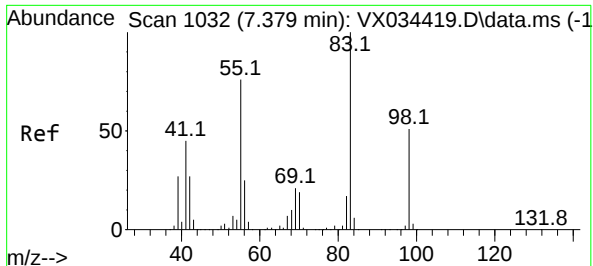
Delta R.T. 0.000 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Tgt Ion:	117	Resp:	198952
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.6	114.8
121	29.6	23.8	35.6





#39

Methylcyclohexane

Concen: 43.661 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 222630

Ion Ratio Lower Upper

83 100

55 78.8 60.5 90.7

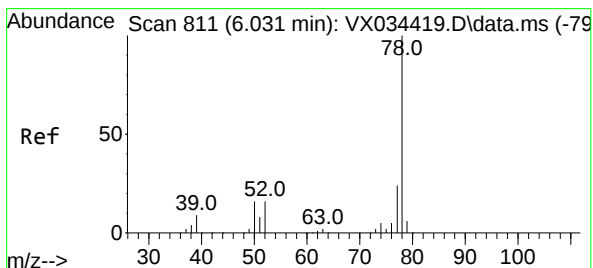
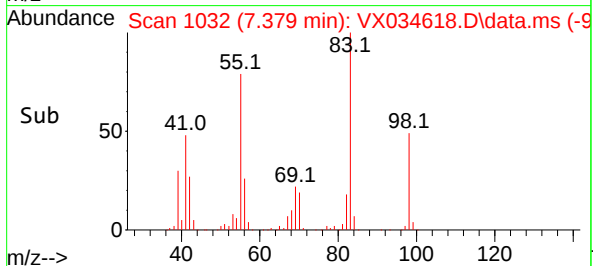
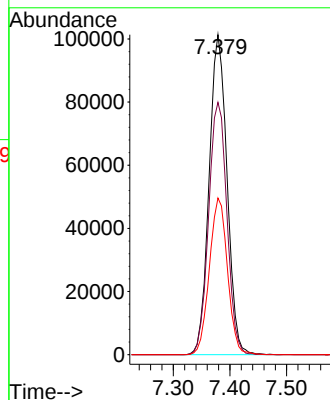
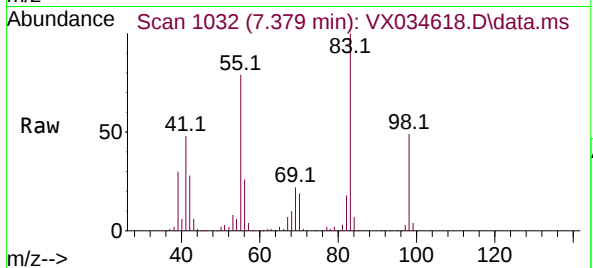
98 48.9 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

Benzene

Concen: 47.471 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034618.D

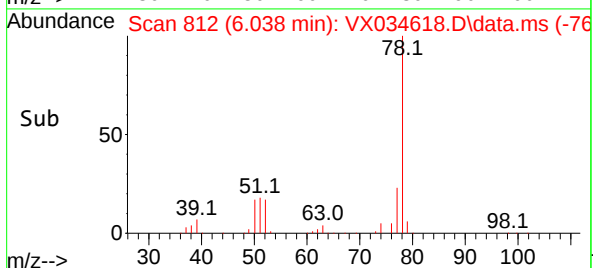
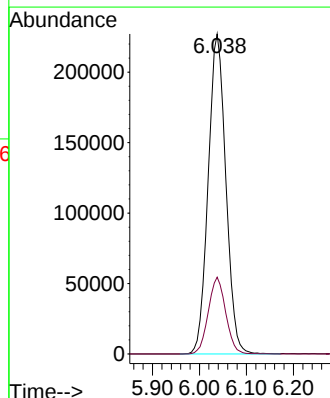
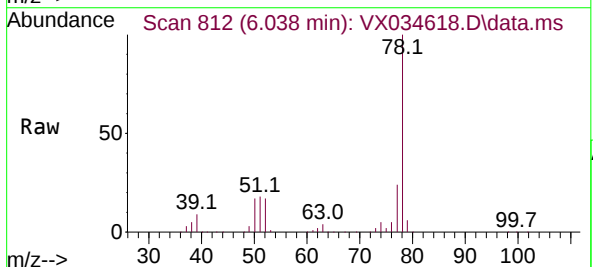
Acq: 18 Mar 2023 07:38

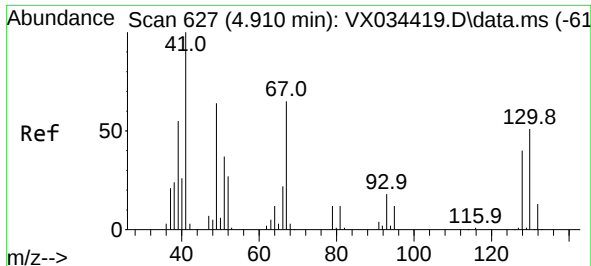
Tgt Ion: 78 Resp: 591713

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 52.372 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

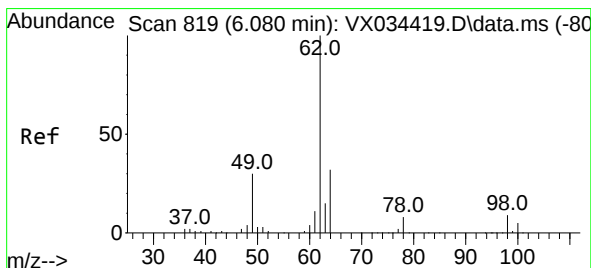
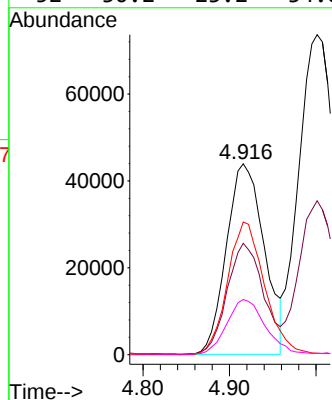
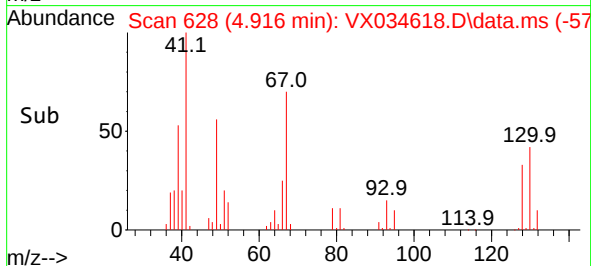
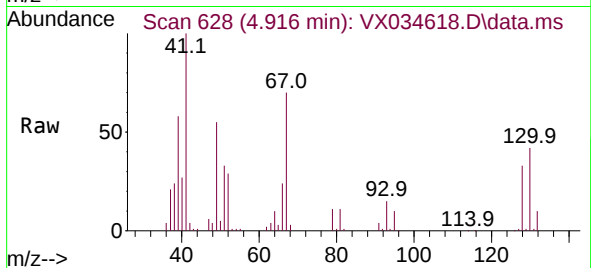
Tgt Ion: 41 Resp: 133609
Ion Ratio Lower Upper
41 100
39 56.6 45.0 67.6
67 68.3 55.6 83.4
52 30.2 23.2 34.8

Manual Integrations

APPROVED

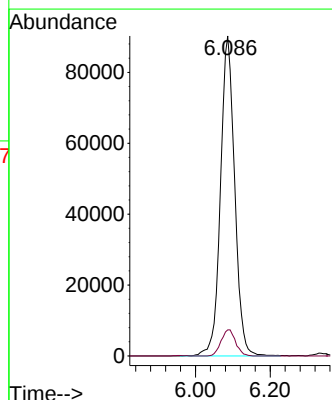
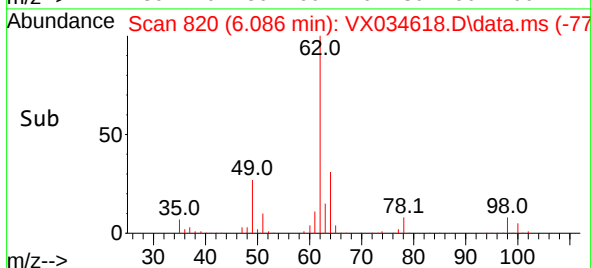
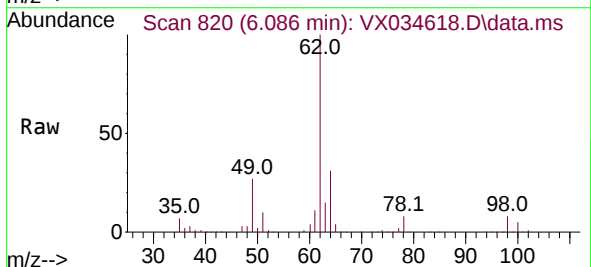
Reviewed By :John Carlone 03/20/2023

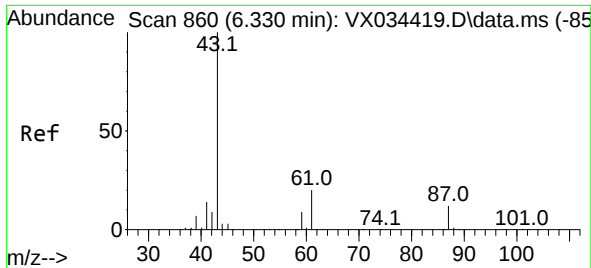
Supervised By :Mahesh Dadoda 03/20/2023



#42
1,2-Dichloroethane
Concen: 52.025 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

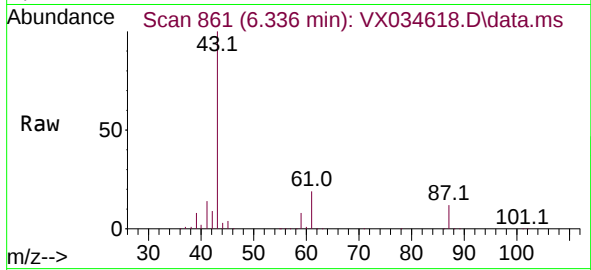
Tgt Ion: 62 Resp: 238328
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.0





#43
Isopropyl Acetate
Concen: 51.727 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

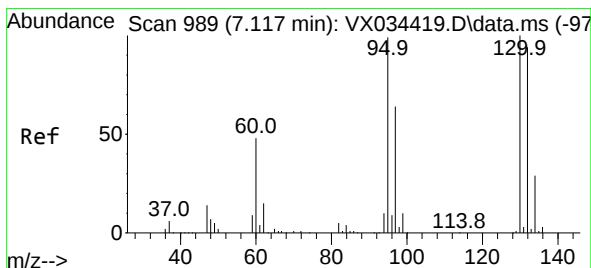
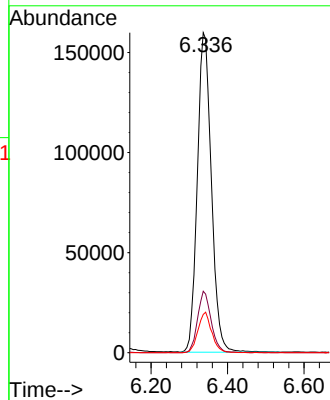
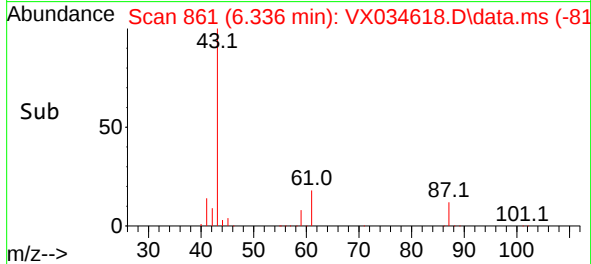
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 407910
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 12.3 9.8 14.8

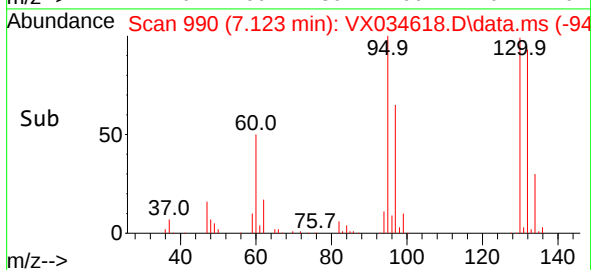
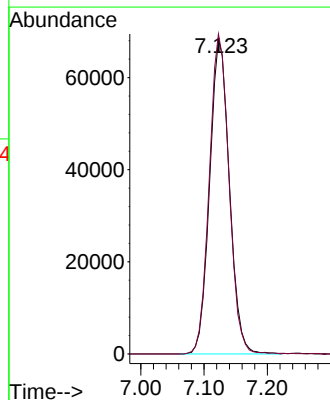
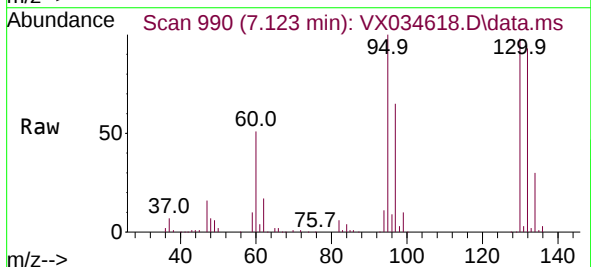
Manual Integrations
APPROVED

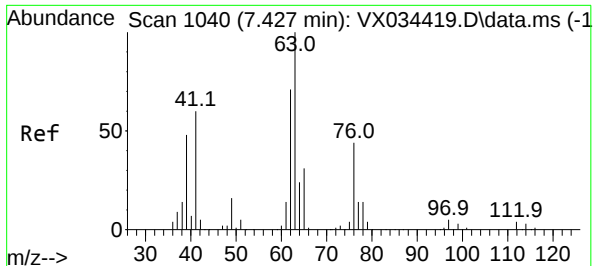
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#44
Trichloroethene
Concen: 45.610 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion:130 Resp: 147718
Ion Ratio Lower Upper
130 100
95 101.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 49.214 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 160170

Ion Ratio Lower Upper

63 100

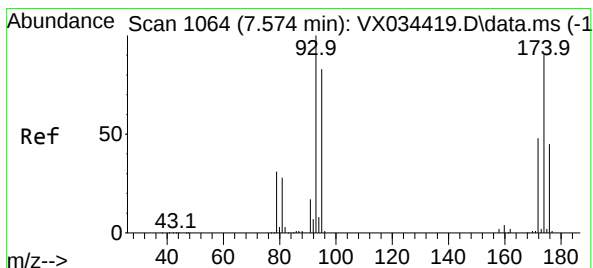
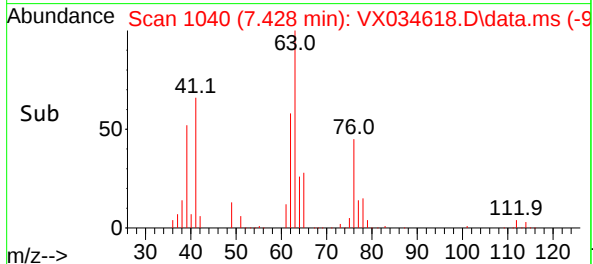
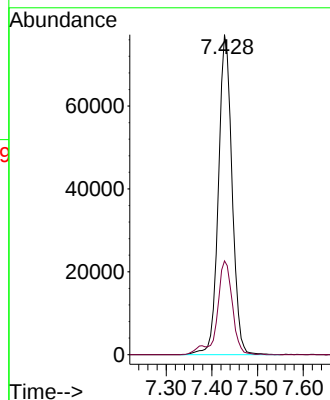
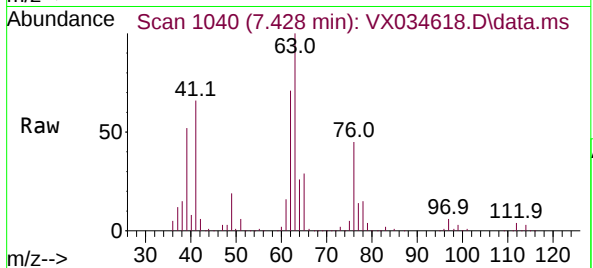
65 29.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 49.799 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

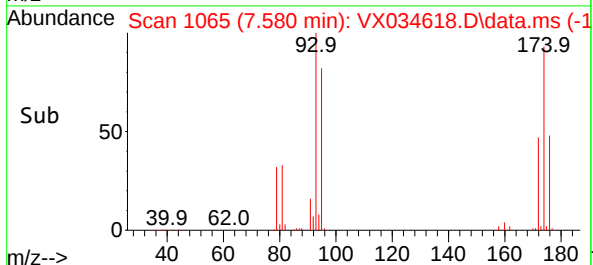
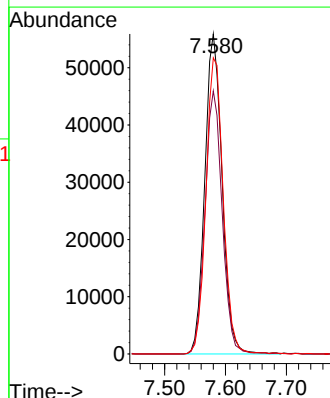
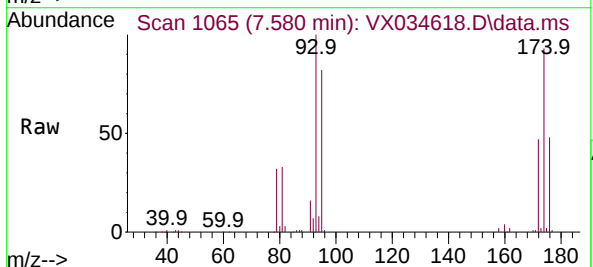
Tgt Ion: 93 Resp: 110189

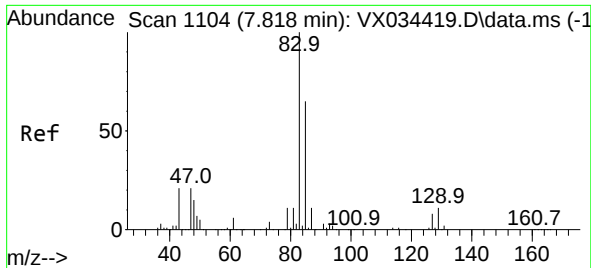
Ion Ratio Lower Upper

93 100

95 81.8 66.9 100.3

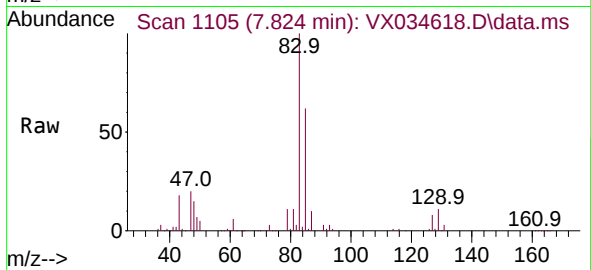
174 92.9 75.4 113.0





#47
Bromodichloromethane
Concen: 50.296 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

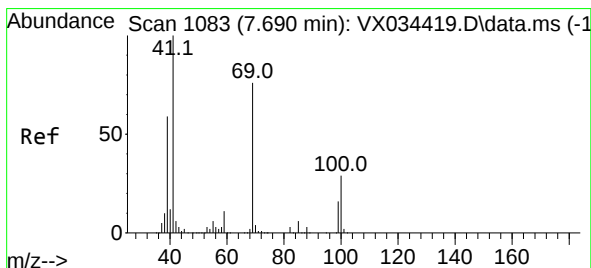
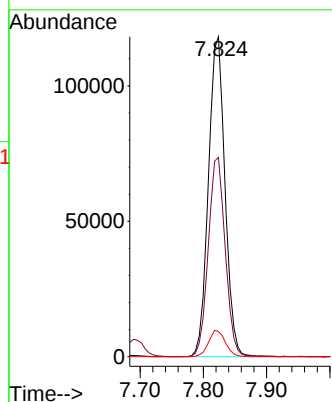
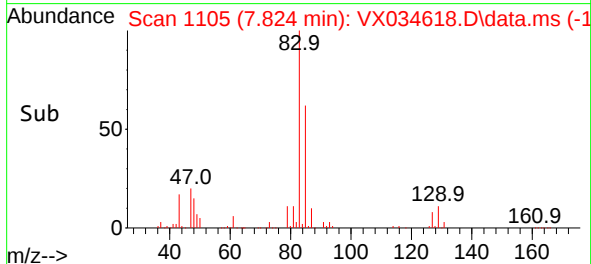
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 215384
Ion Ratio Lower Upper
83 100
85 62.3 52.2 78.4
127 7.8 6.6 9.8

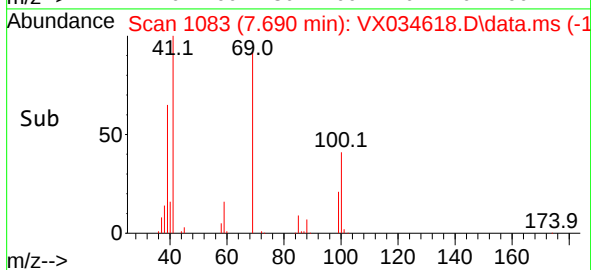
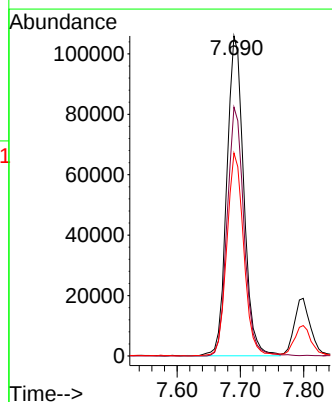
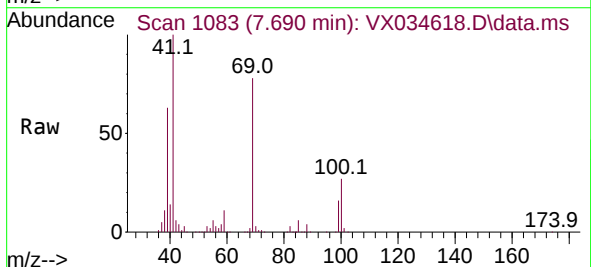
Manual Integrations
APPROVED

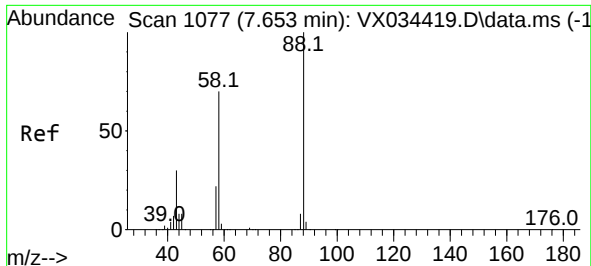
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#48
Methyl methacrylate
Concen: 51.791 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion: 41 Resp: 196426
Ion Ratio Lower Upper
41 100
69 77.2 62.2 93.4
39 63.4 47.7 71.5





#49

1,4-Dioxane

Concen: 1134.295 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 90358

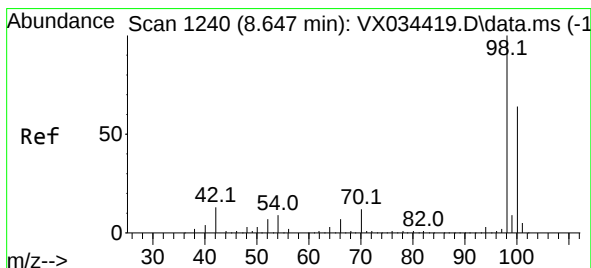
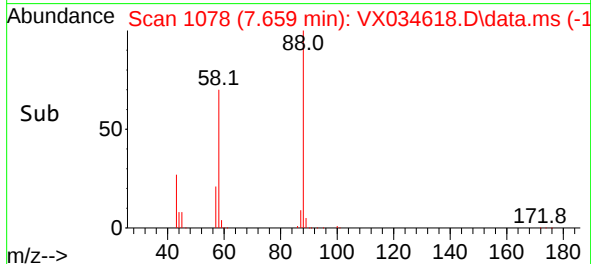
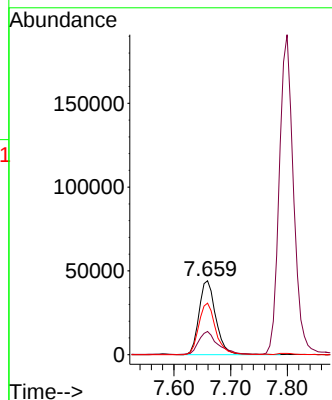
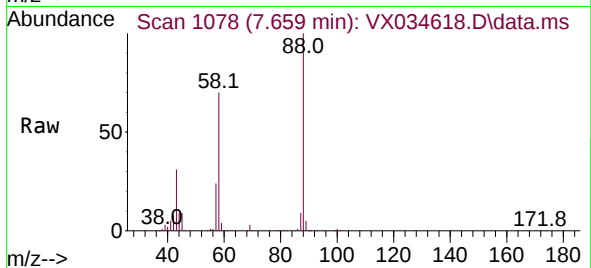
Ion	Ratio	Lower	Upper
88	100		
43	35.6	27.7	41.5
58	70.3	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#50

Toluene-d8

Concen: 49.832 ug/l

RT: 8.647 min Scan# 1240

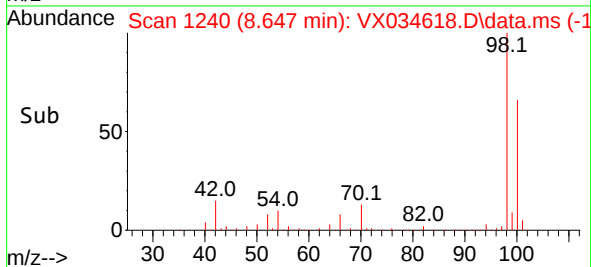
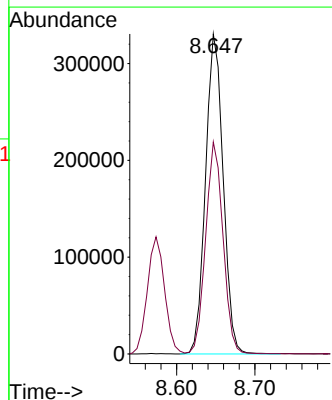
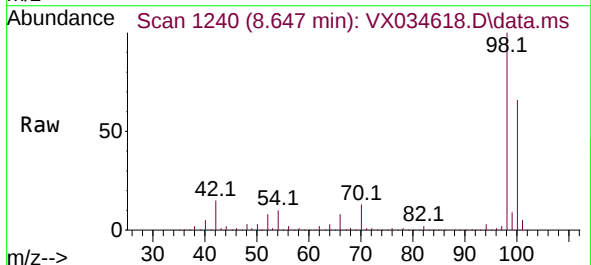
Delta R.T. 0.000 min

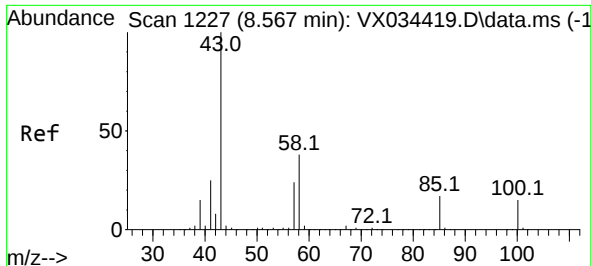
Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Tgt Ion: 98 Resp: 516071

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.5	78.7





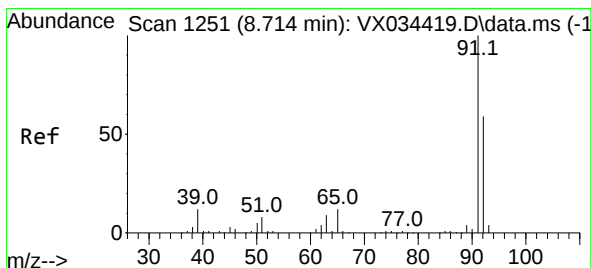
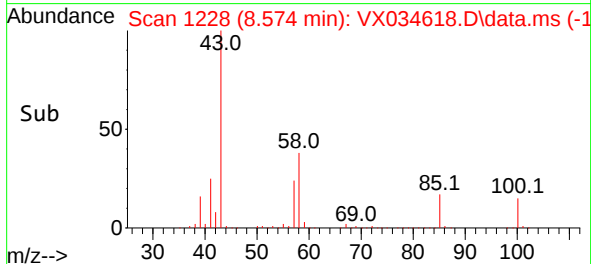
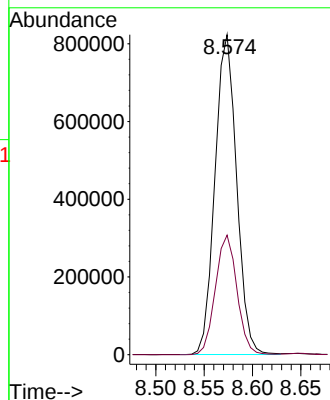
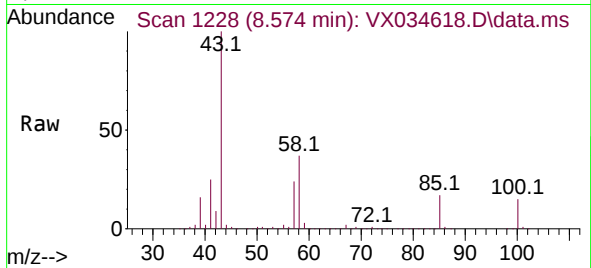
#51
4-Methyl-2-Pentanone
Concen: 279.833 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 128013
Ion Ratio Lower Upper
43 100
58 37.2 30.6 46.0

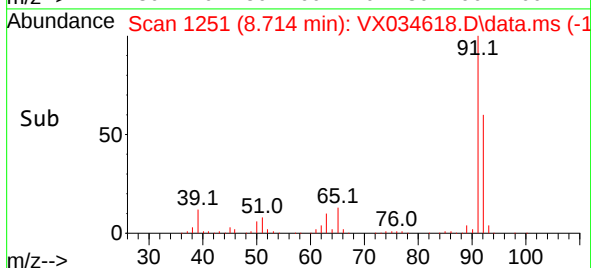
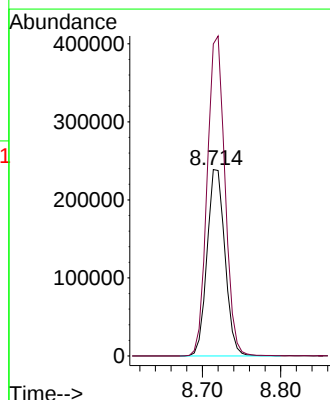
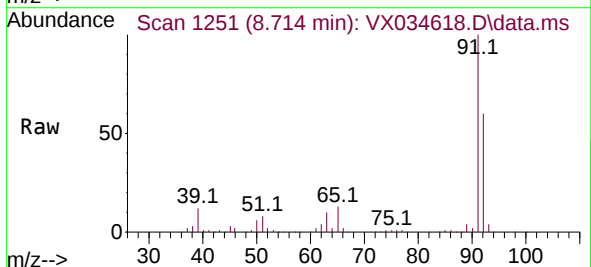
Manual Integrations
APPROVED

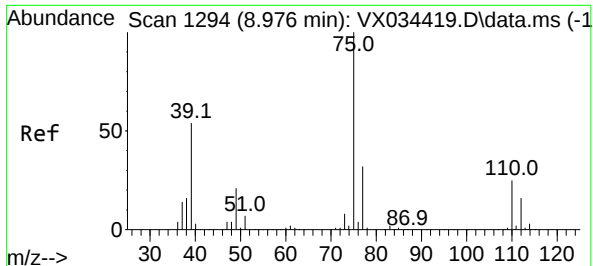
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#52
Toluene
Concen: 49.029 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion: 92 Resp: 378360
Ion Ratio Lower Upper
92 100
91 170.5 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 46.415 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 223920

Ion Ratio Lower Upper

75 100

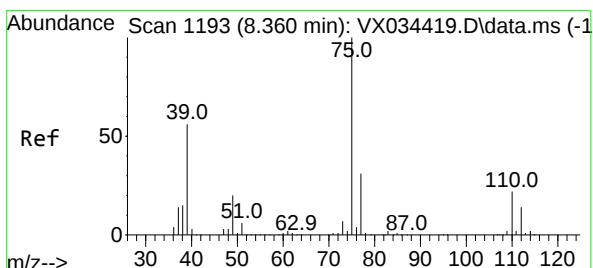
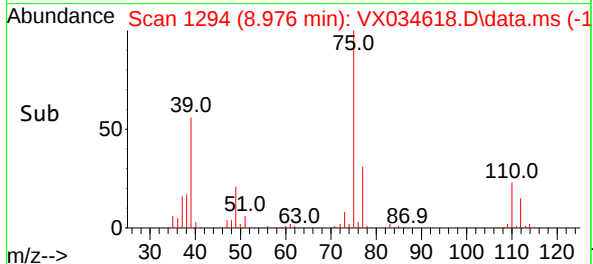
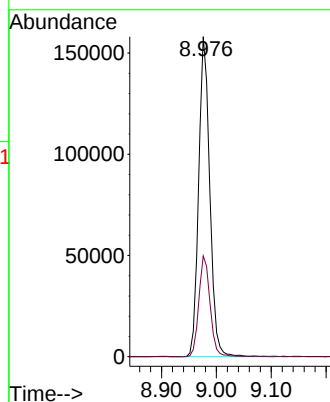
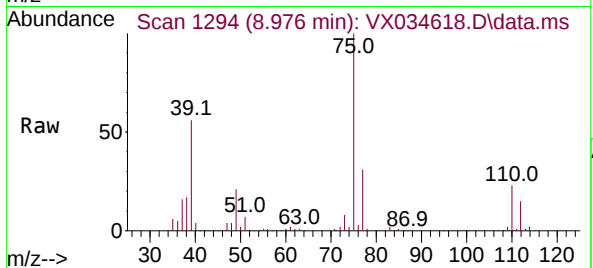
77 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#54

cis-1,3-Dichloropropene

Concen: 45.100 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

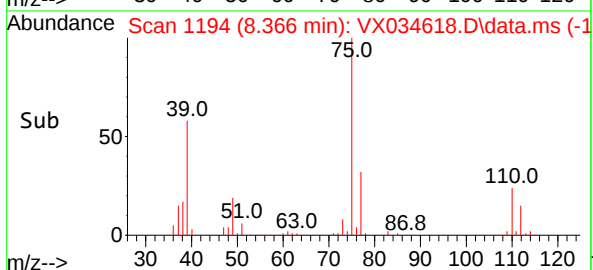
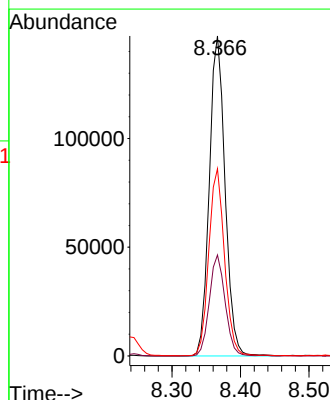
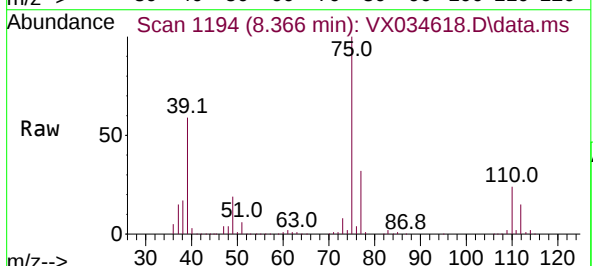
Tgt Ion: 75 Resp: 235402

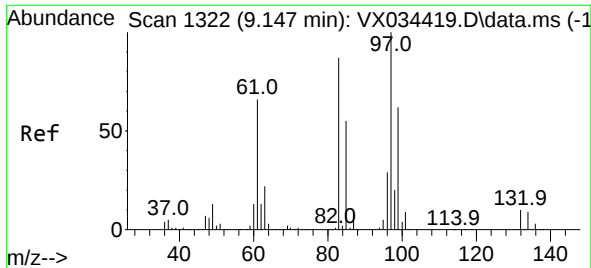
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

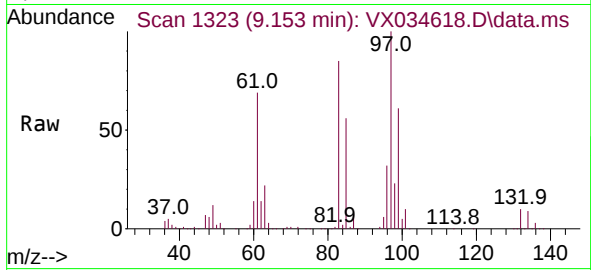
39 58.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 56.540 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

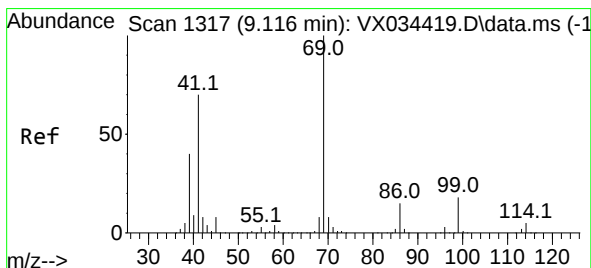
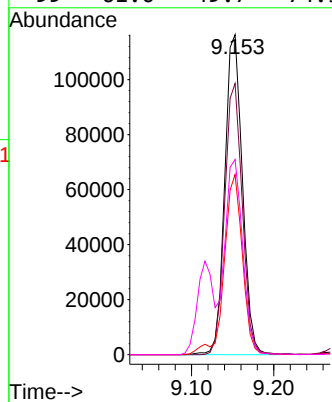
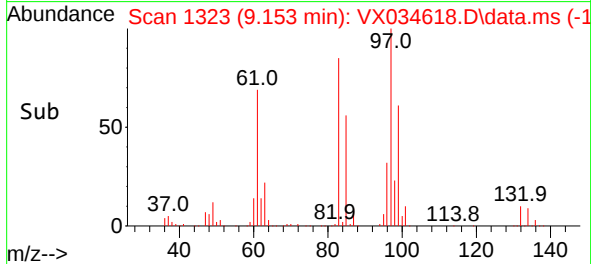
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



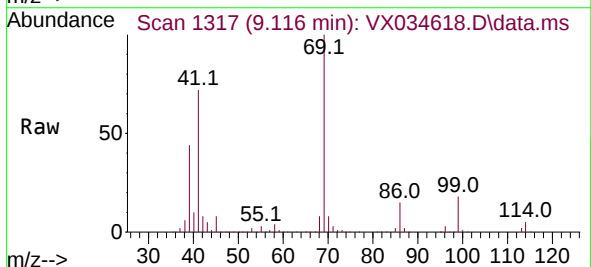
Tgt Ion: 97 Resp: 173160
Ion Ratio Lower Upper
97 100
83 84.8 69.7 104.5
85 56.3 43.7 65.5
99 61.0 49.7 74.5

Manual Integrations
APPROVED

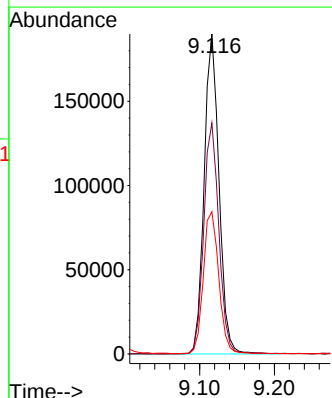
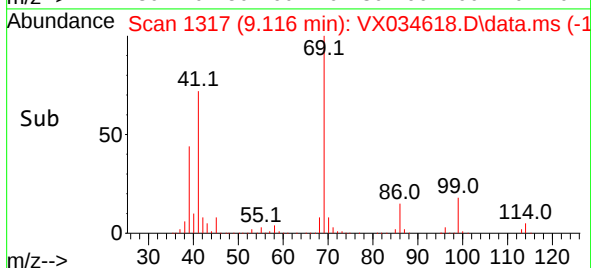
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

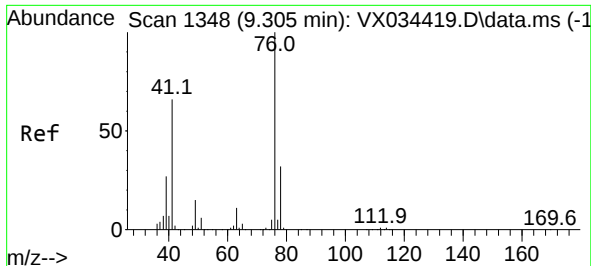


#56
Ethyl methacrylate
Concen: 52.070 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38



Tgt Ion: 69 Resp: 261833
Ion Ratio Lower Upper
69 100
41 73.5 57.4 86.0
39 46.1 33.7 50.5





#57
1,3-Dichloropropane
Concen: 55.988 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

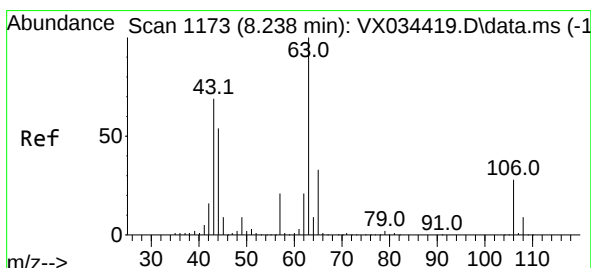
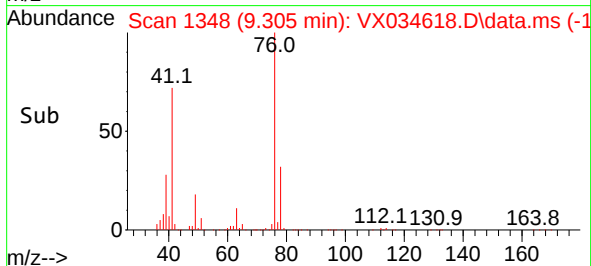
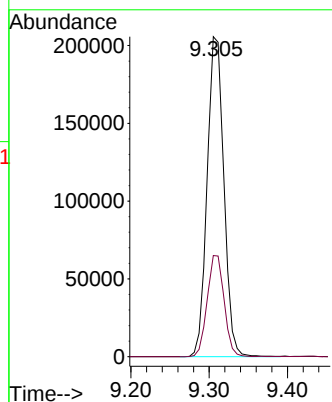
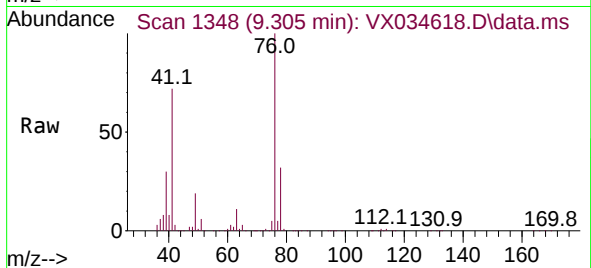
VSTDCCC050EC

Tgt Ion: 76 Resp: 304754
Ion Ratio Lower Upper
76 100
78 31.9 25.8 38.8

Manual Integrations

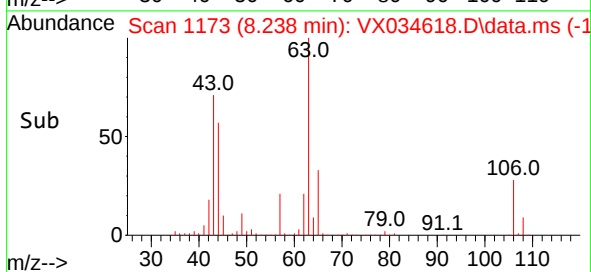
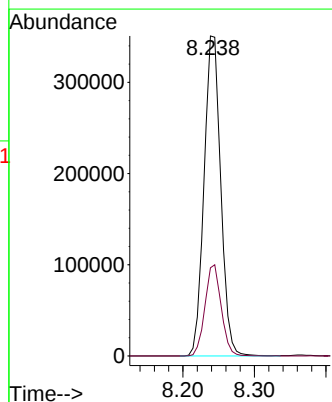
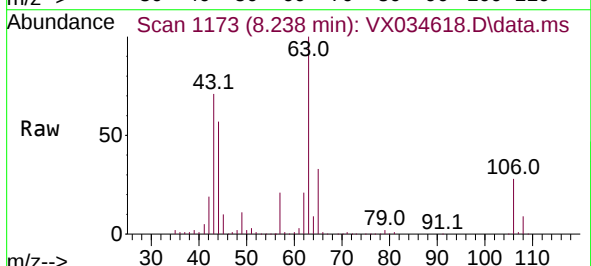
APPROVED

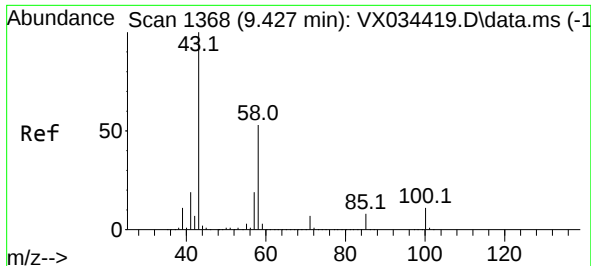
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 219.670 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion: 63 Resp: 569270
Ion Ratio Lower Upper
63 100
106 27.7 22.2 33.2





#59

2-Hexanone

Concen: 304.128 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1075474

Ion Ratio Lower Upper

43 100

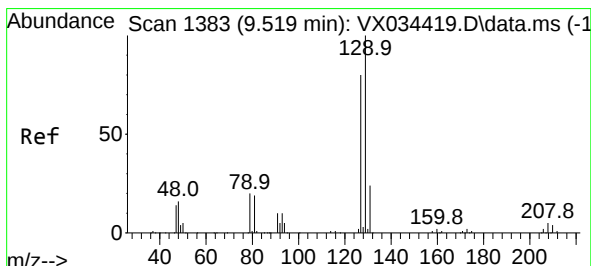
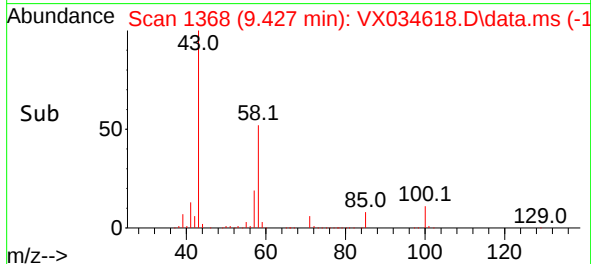
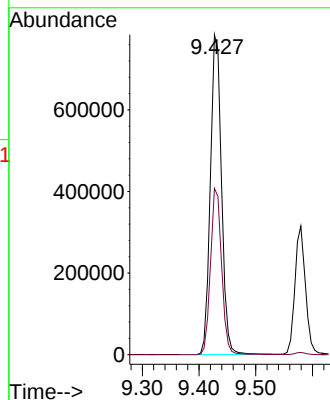
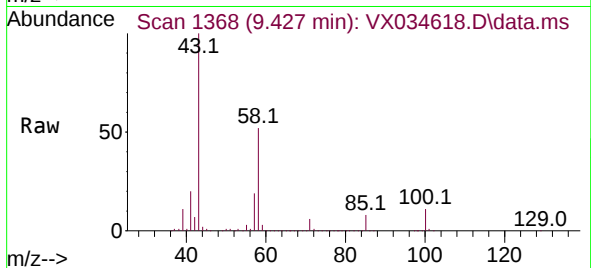
58 51.7 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#60

Dibromochloromethane

Concen: 56.580 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034618.D

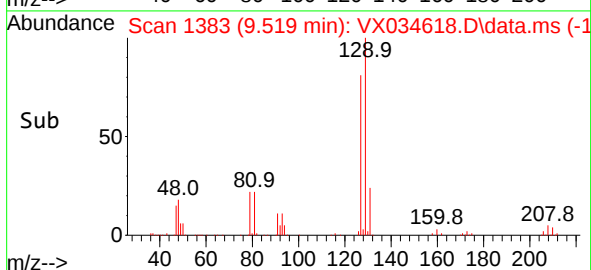
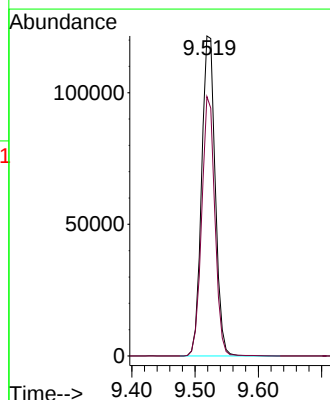
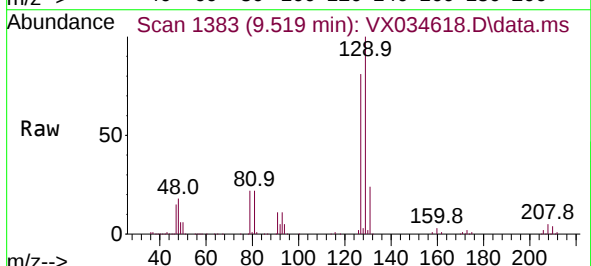
Acq: 18 Mar 2023 07:38

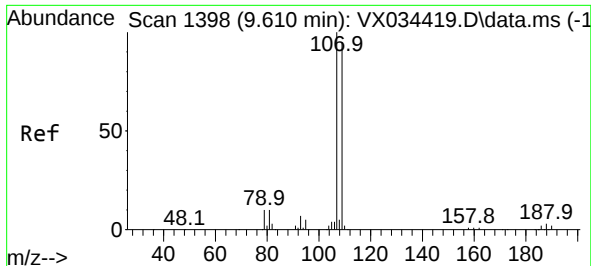
Tgt Ion:129 Resp: 181739

Ion Ratio Lower Upper

129 100

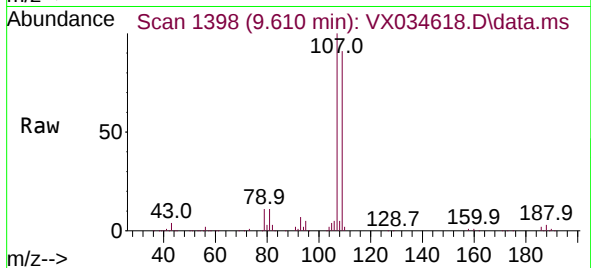
127 78.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 56.996 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

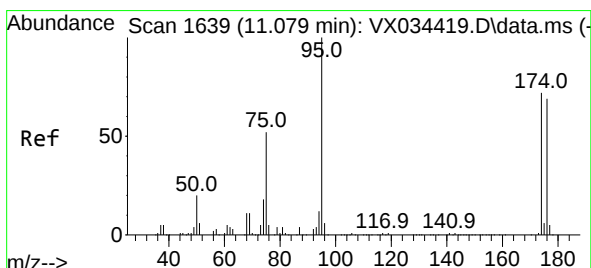
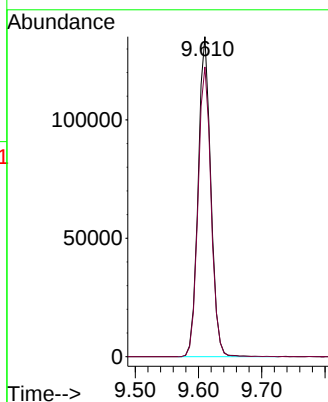
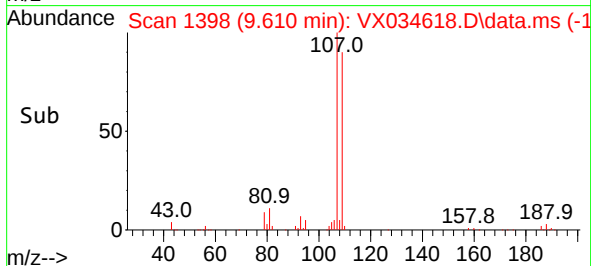
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



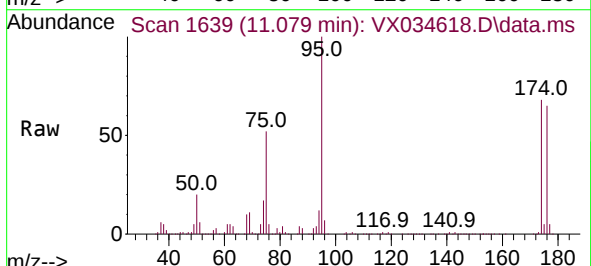
Tgt Ion:107 Resp: 188368
Ion Ratio Lower Upper
107 100
109 93.3 75.3 112.9

Manual Integrations
APPROVED

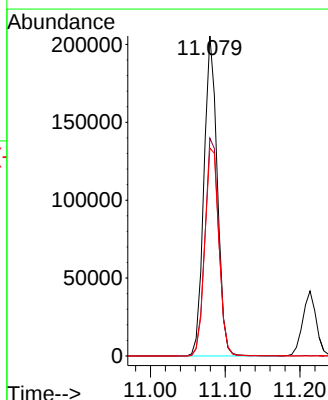
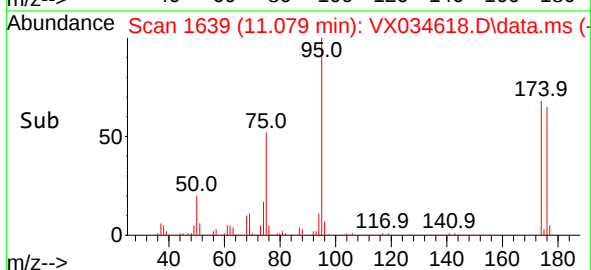
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

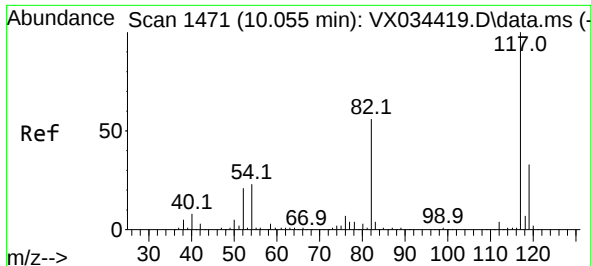


#62
4-Bromofluorobenzene
Concen: 60.850 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38



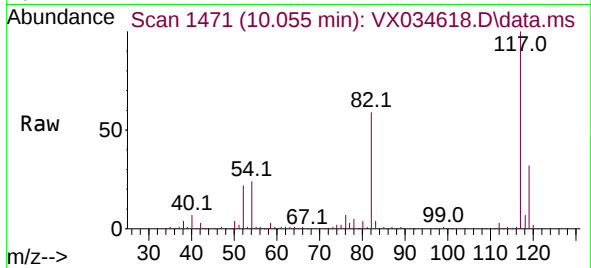
Tgt Ion: 95 Resp: 254539
Ion Ratio Lower Upper
95 100
174 70.6 0.0 147.4
176 68.5 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

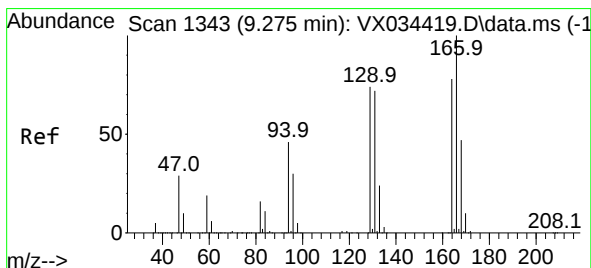
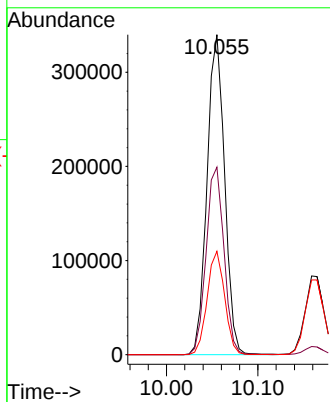
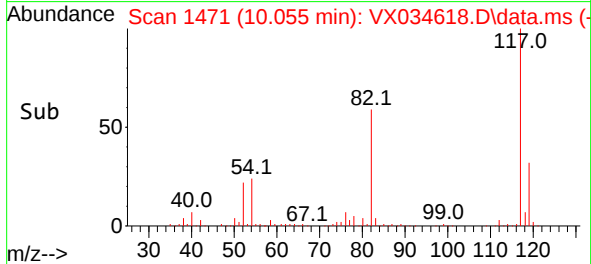
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 453060
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 32.3 26.0 39.0

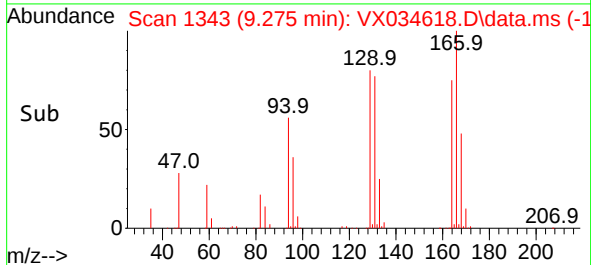
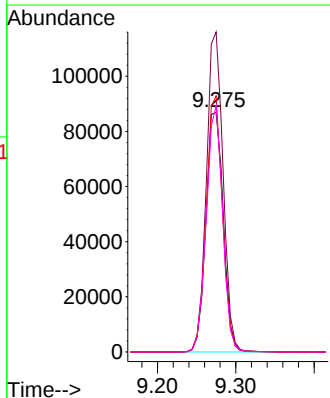
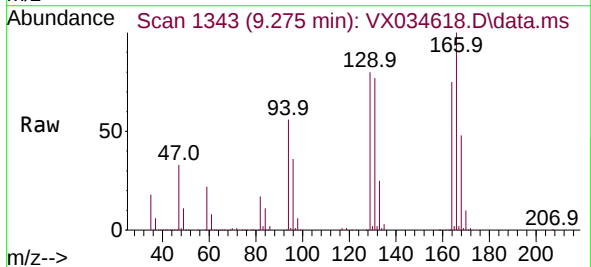
Manual Integrations
APPROVED

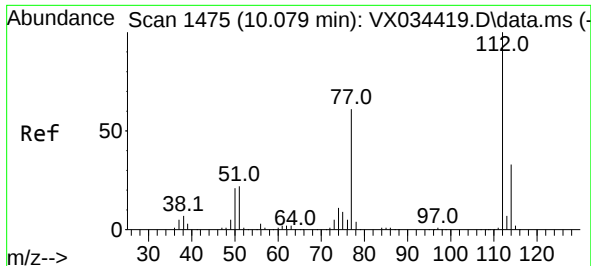
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#64
Tetrachloroethene
Concen: 43.748 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion:164 Resp: 133144
Ion Ratio Lower Upper
164 100
166 133.4 102.7 154.1
129 106.7 75.6 113.4
131 102.5 73.7 110.5





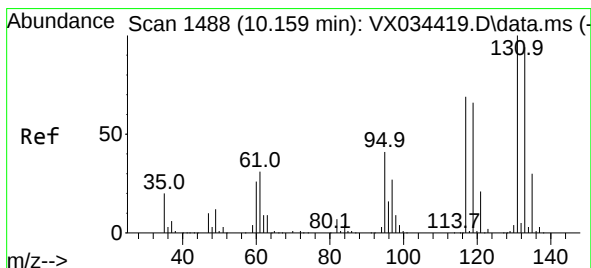
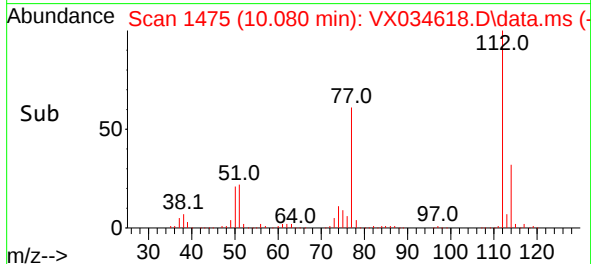
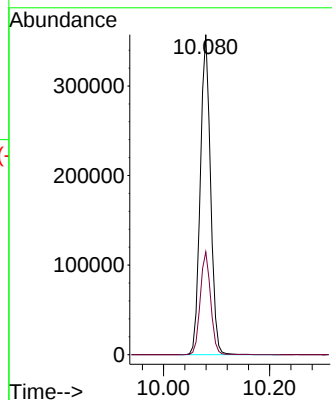
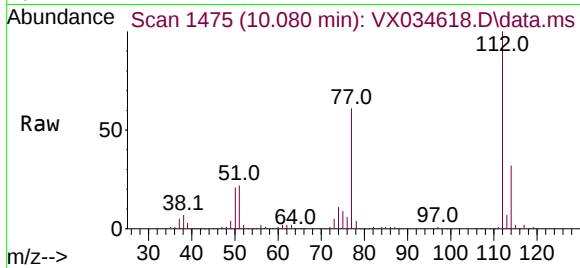
#65
Chlorobenzene
Concen: 47.998 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 477130
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

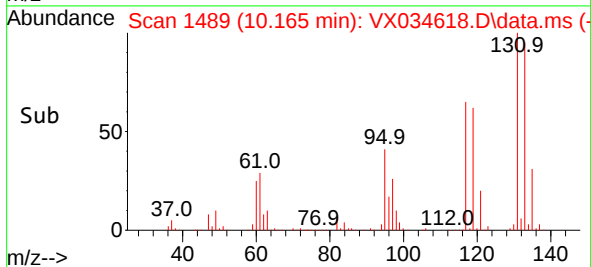
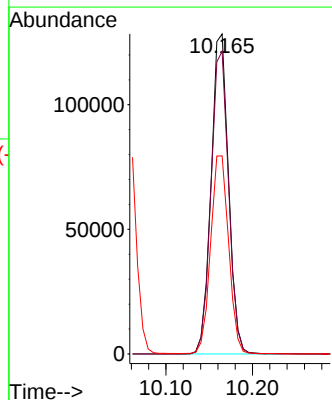
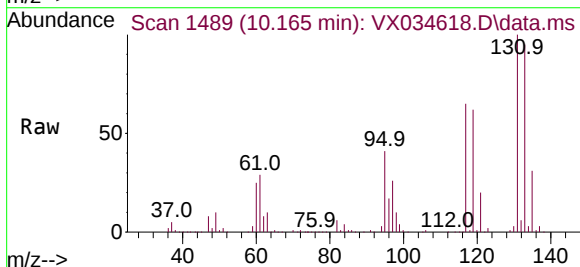
Manual Integrations
APPROVED

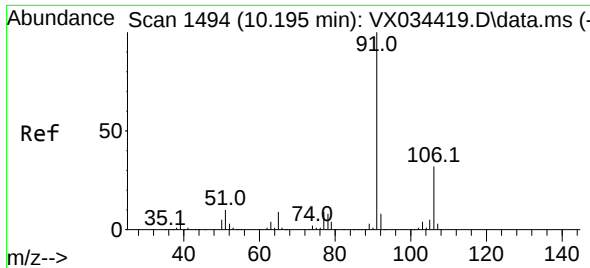
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.565 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

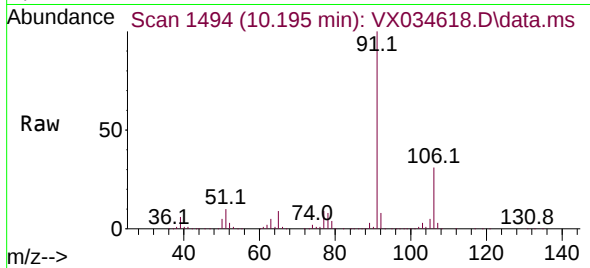
Tgt Ion:131 Resp: 179450
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 63.8 32.6 98.0





#67
Ethyl Benzene
Concen: 48.889 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

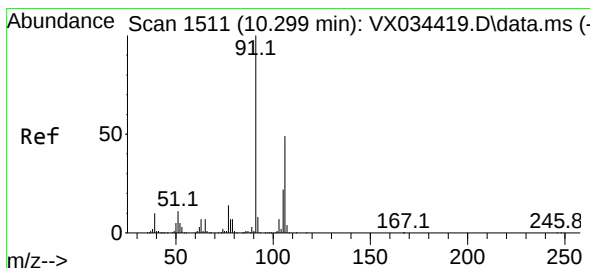
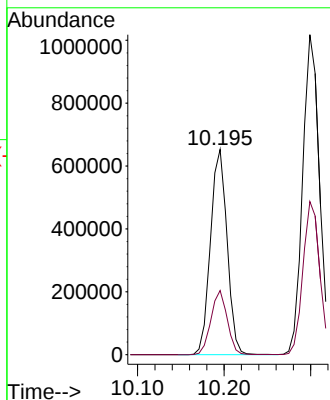
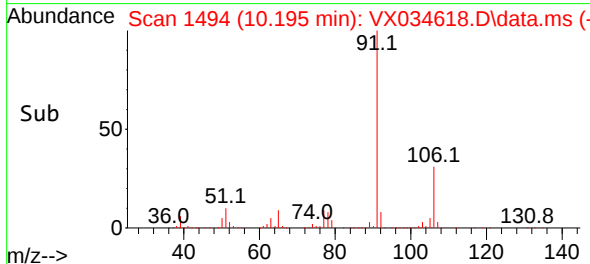
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



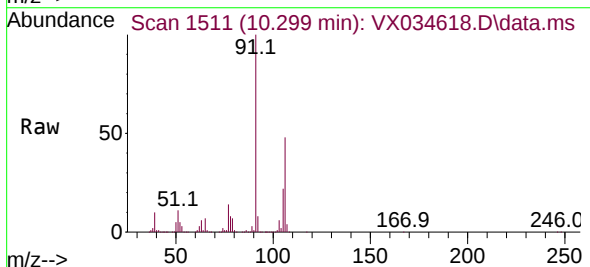
Tgt Ion: 91 Resp: 870030
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

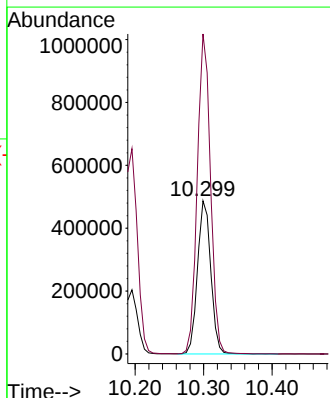
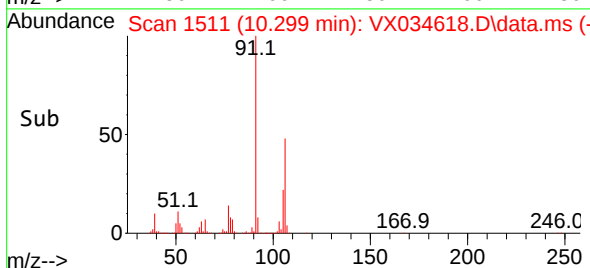
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

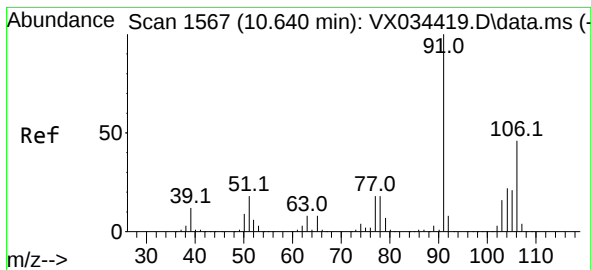


#68
m/p-Xylenes
Concen: 96.098 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38



Tgt Ion:106 Resp: 656942
Ion Ratio Lower Upper
106 100
91 208.3 164.0 246.0





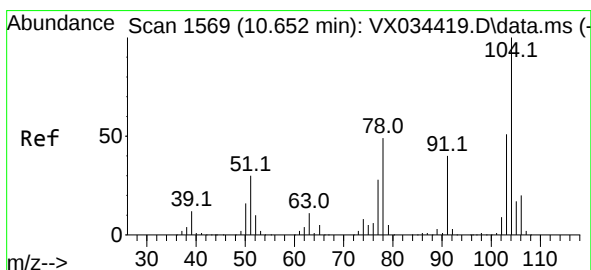
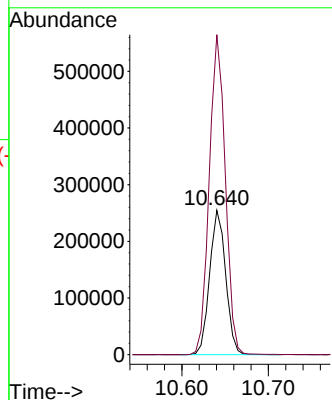
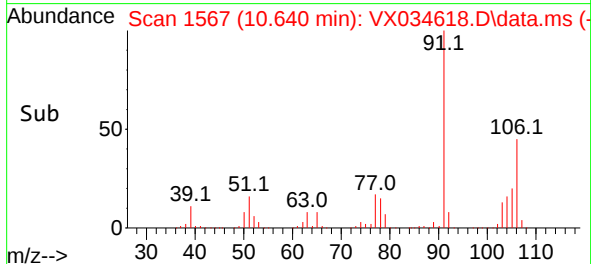
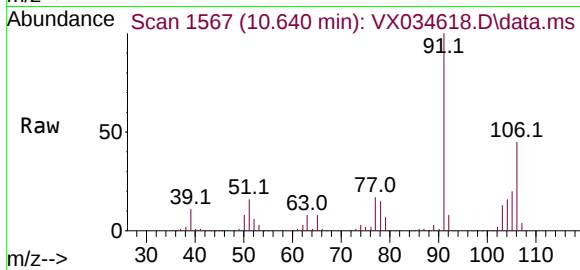
#69
o-Xylene
Concen: 47.848 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 328254
Ion Ratio Lower Upper
106 100
91 221.3 108.5 325.3

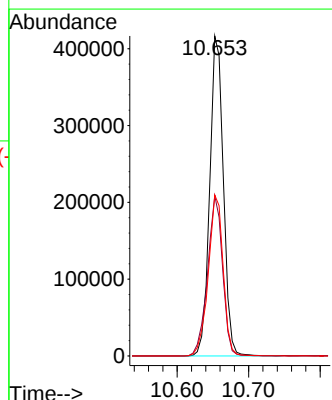
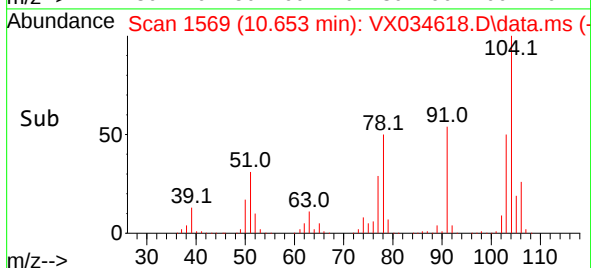
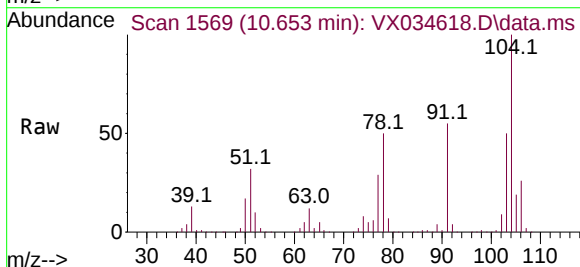
Manual Integrations
APPROVED

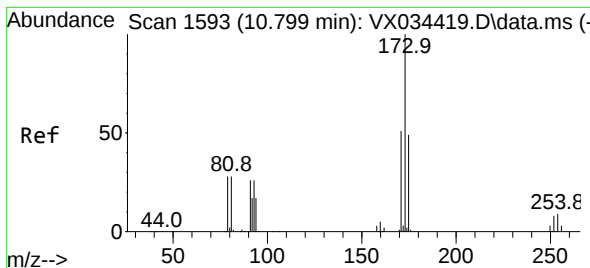
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 49.990 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion:104 Resp: 553317
Ion Ratio Lower Upper
104 100
78 54.9 43.4 65.2
103 54.6 44.2 66.2





#71

Bromoform

Concen: 48.119 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034618.D

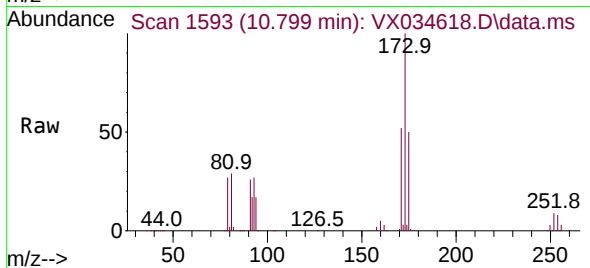
Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 134104

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

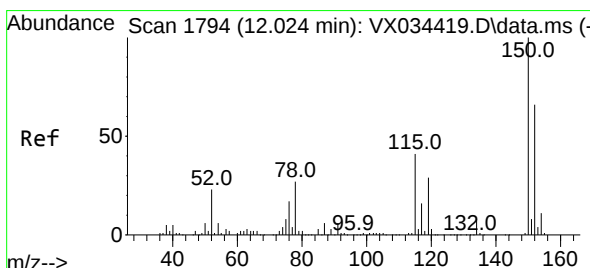
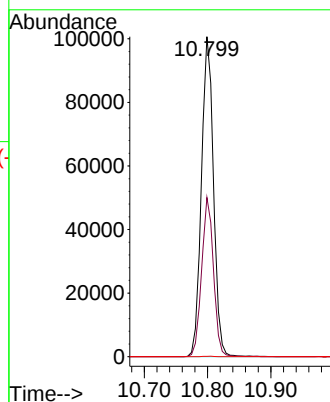
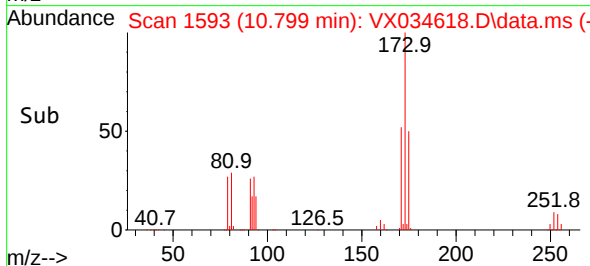
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

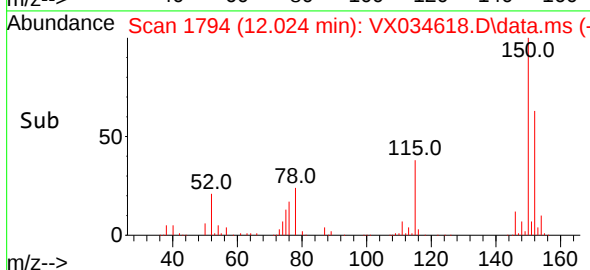
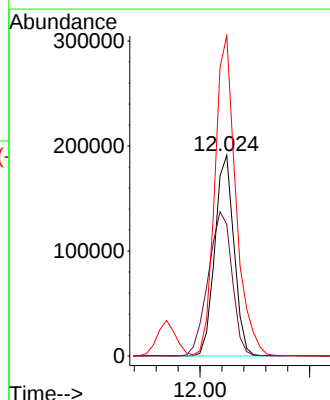
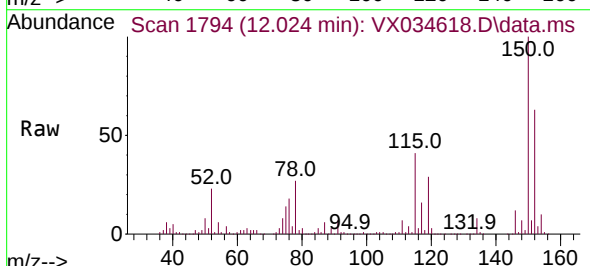
Tgt Ion:152 Resp: 231966

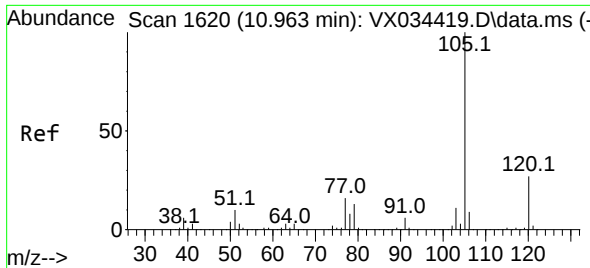
Ion Ratio Lower Upper

152 100

115 89.5 45.0 135.0

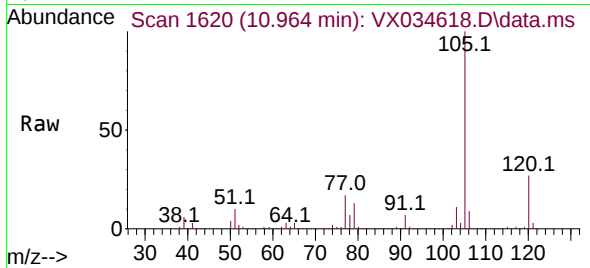
150 174.8 0.0 352.4





#73
Isopropylbenzene
Concen: 48.562 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

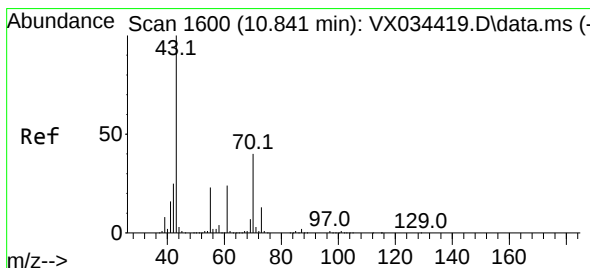
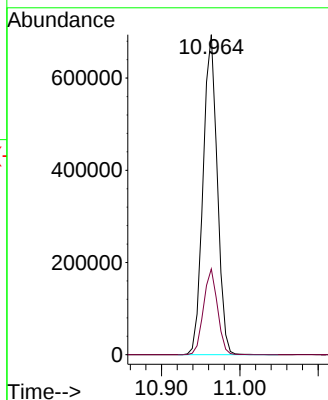
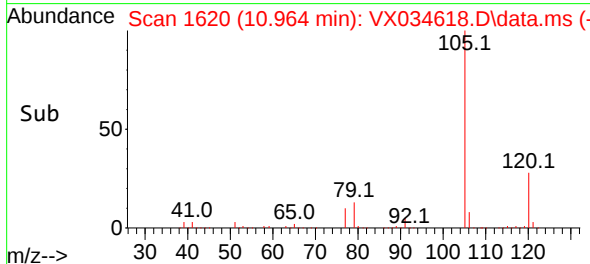
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



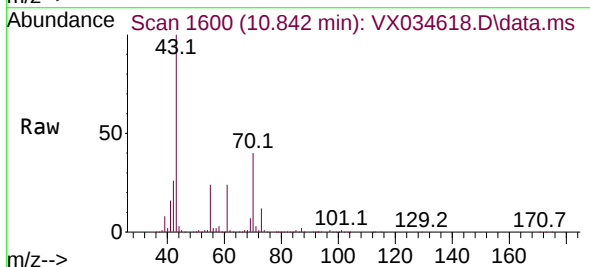
Tgt Ion:105 Resp: 870634
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations
APPROVED

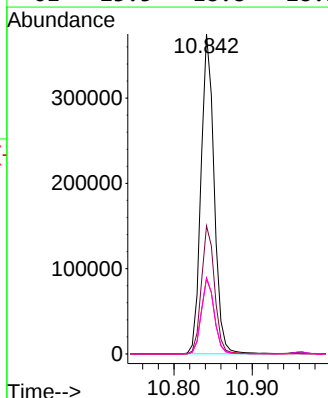
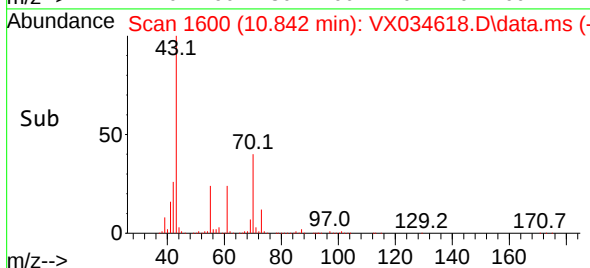
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

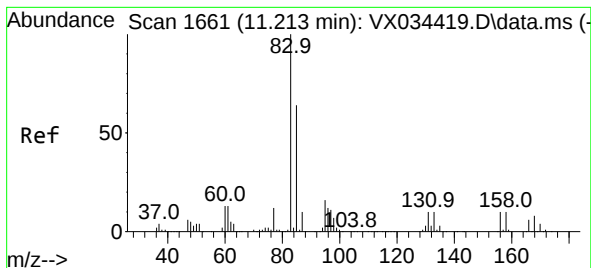


#74
N-ethyl acetate
Concen: 50.765 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38



Tgt Ion: 43 Resp: 435919
Ion Ratio Lower Upper
43 100
70 40.3 32.1 48.1
55 23.6 18.3 27.5
61 23.5 18.8 28.2





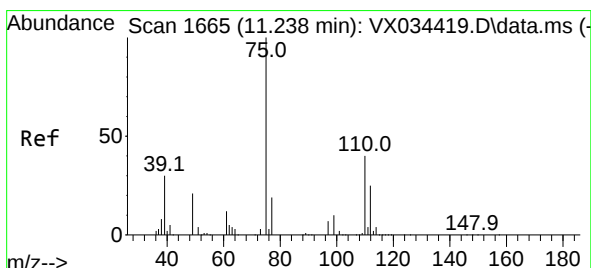
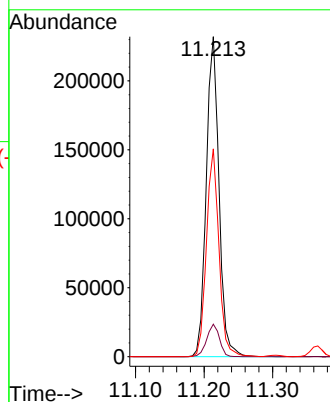
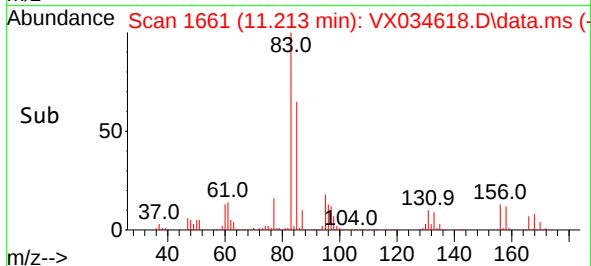
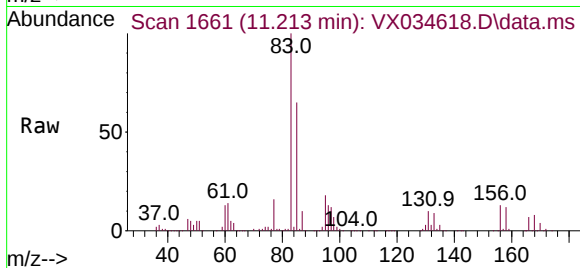
#75
1,1,2,2-Tetrachloroethane
Concen: 50.112 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 299795
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 63.9 32.0 96.0

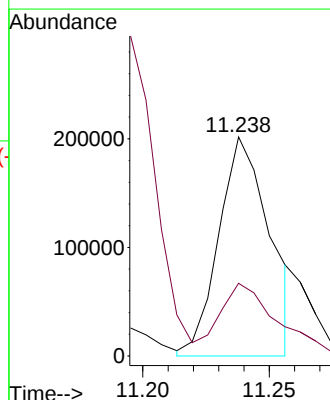
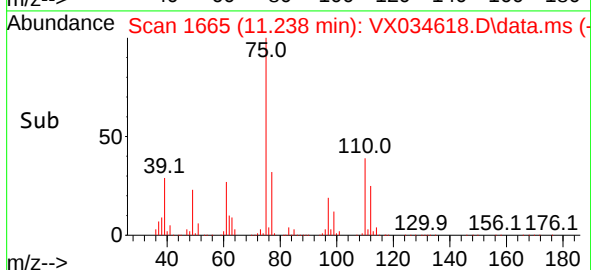
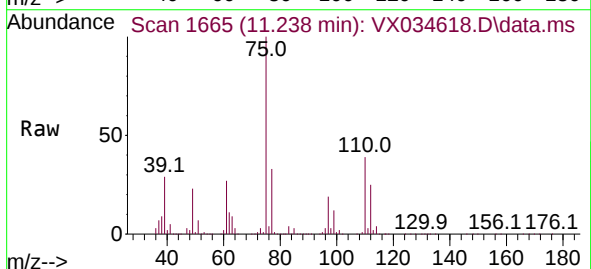
Manual Integrations
APPROVED

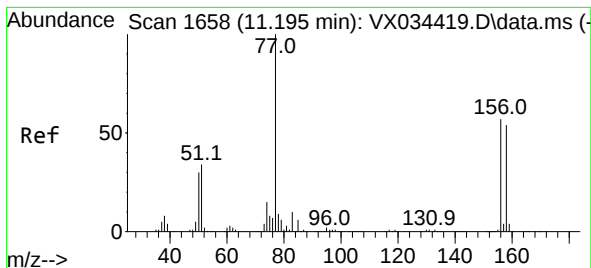
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#76
1,2,3-Trichloropropane
Concen: 52.897 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion: 75 Resp: 281740
Ion Ratio Lower Upper
75 100
77 38.1 21.6 64.8





#77

Bromobenzene

Concen: 47.775 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 205498

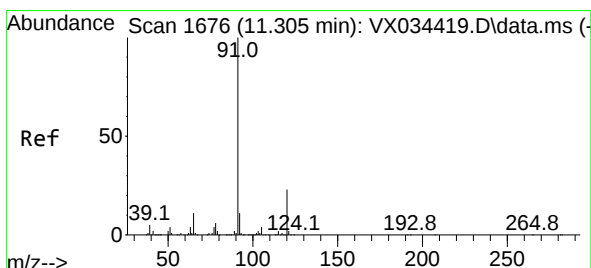
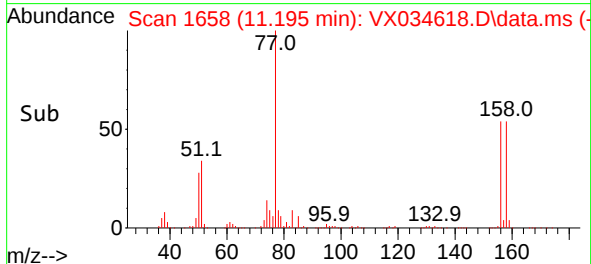
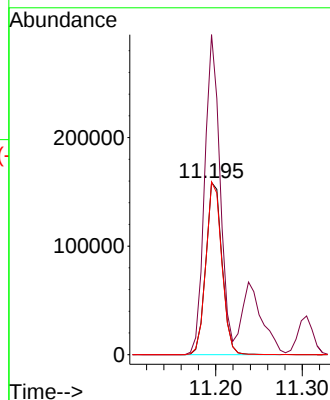
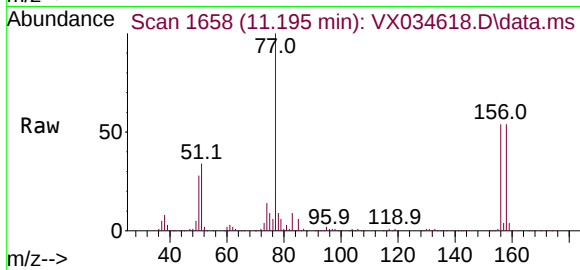
Ion	Ratio	Lower	Upper
156	100		
77	177.3	86.7	259.9
158	98.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#78

n-propylbenzene

Concen: 48.807 ug/l

RT: 11.305 min Scan# 1676

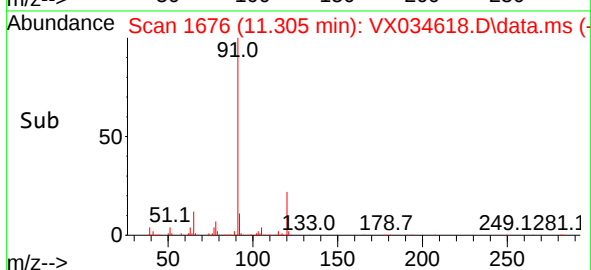
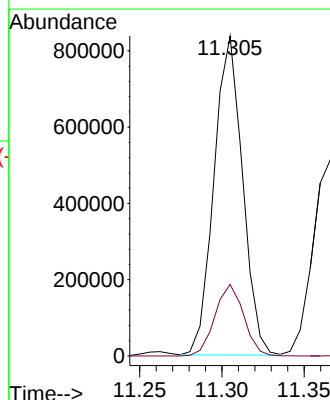
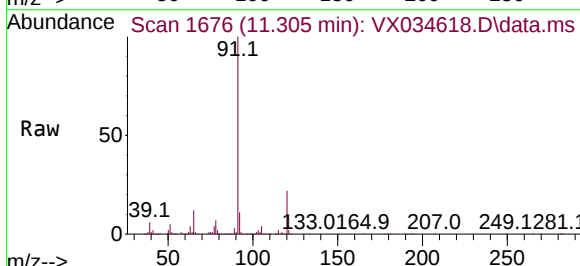
Delta R.T. 0.000 min

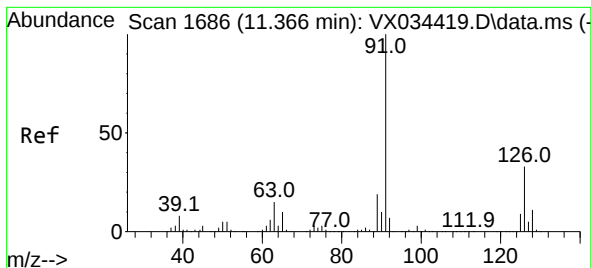
Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Tgt Ion: 91 Resp: 1010551

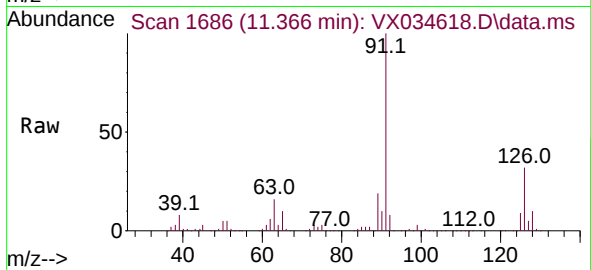
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.5	34.5





#79
2-Chlorotoluene
Concen: 49.891 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

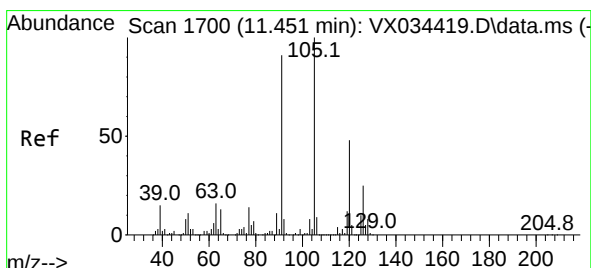
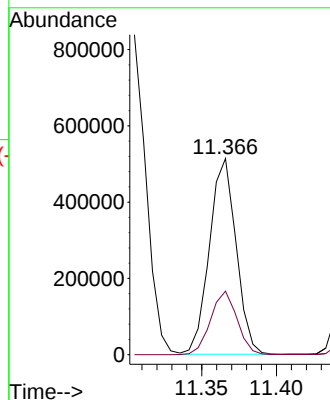
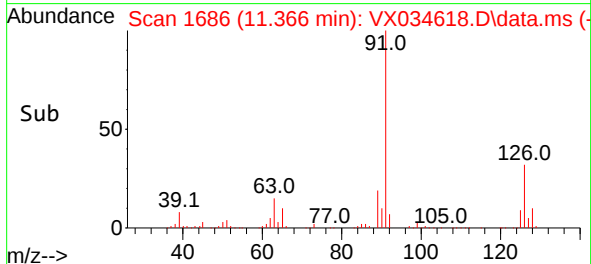
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



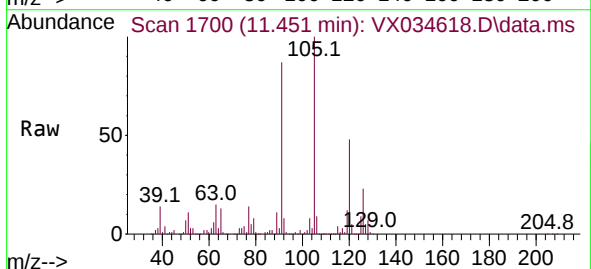
Tgt Ion: 91 Resp: 637973
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.9

Manual Integrations
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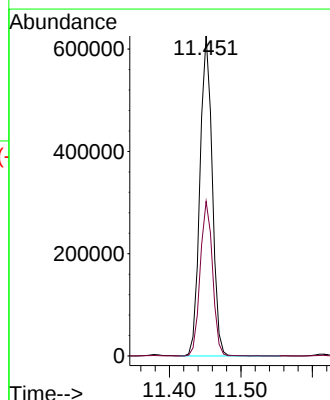
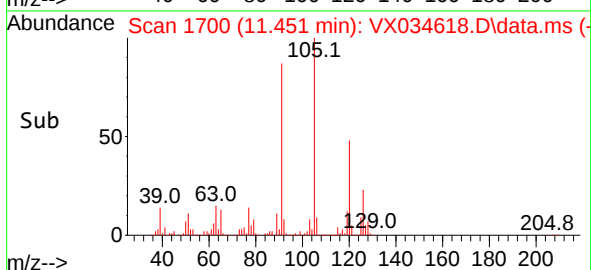
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

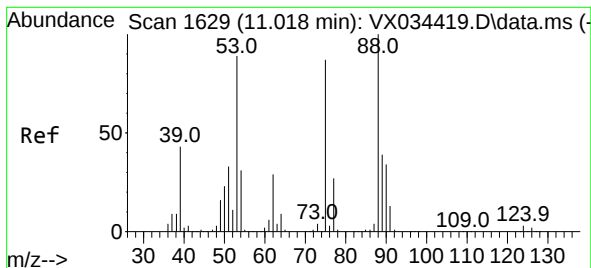


#80
1,3,5-Trimethylbenzene
Concen: 49.455 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38



Tgt Ion:105 Resp: 743681
Ion Ratio Lower Upper
105 100
120 48.5 23.7 71.1





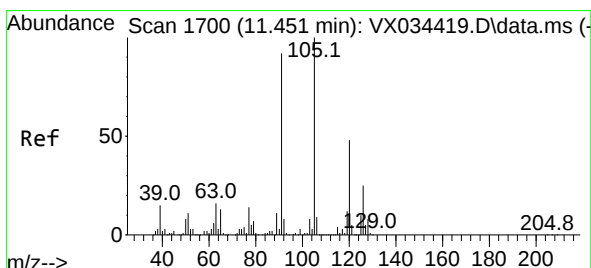
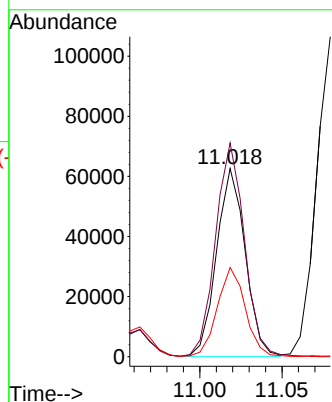
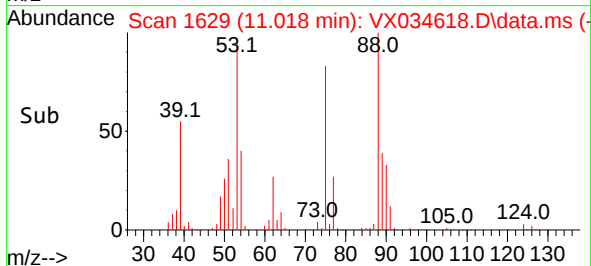
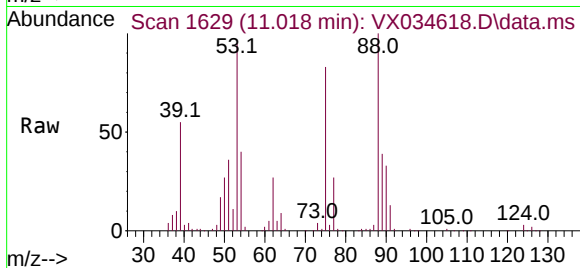
#81
trans-1,4-Dichloro-2-butene
Concen: 38.392 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 75580
Ion Ratio Lower Upper
75 100
53 114.4 82.6 124.0
89 46.7 36.9 55.3

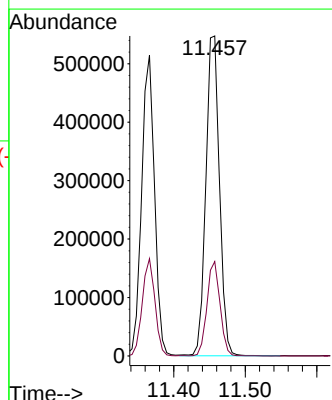
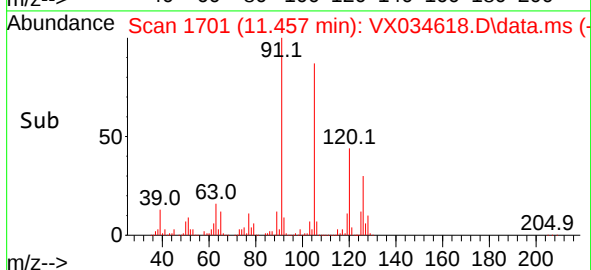
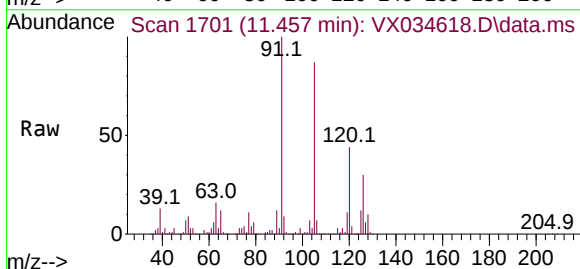
Manual Integrations
APPROVED

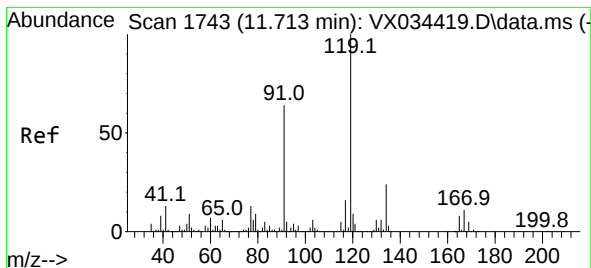
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#82
4-Chlorotoluene
Concen: 49.188 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion: 91 Resp: 724492
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.981 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 74263

Ion Ratio Lower Upper

119 100

91 62.1 30.6 92.0

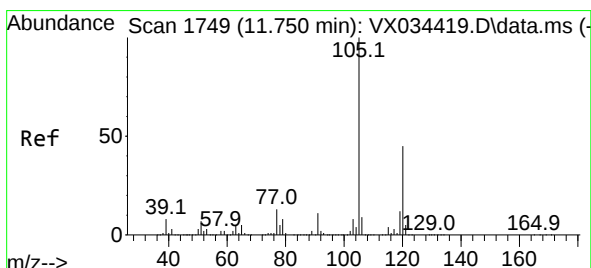
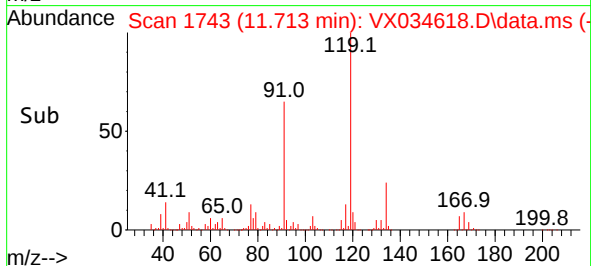
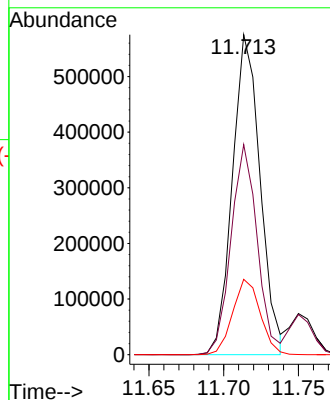
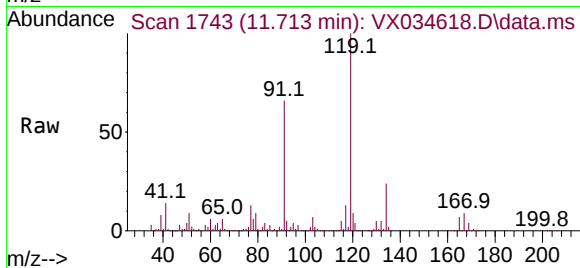
134 23.4 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.130 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034618.D

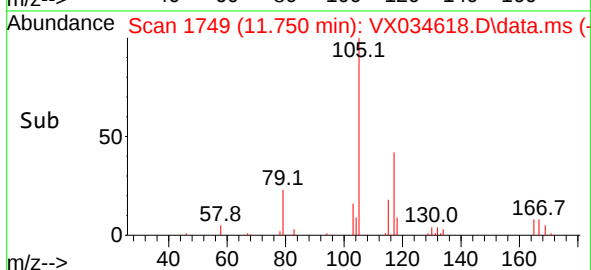
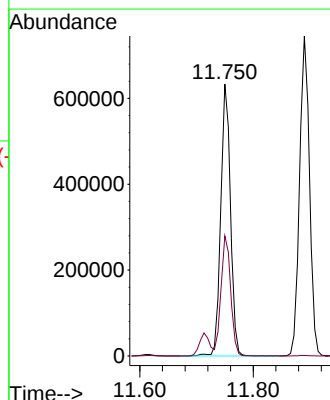
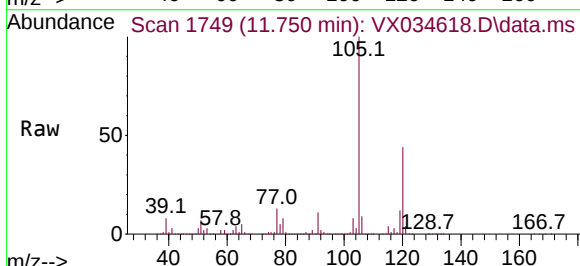
Acq: 18 Mar 2023 07:38

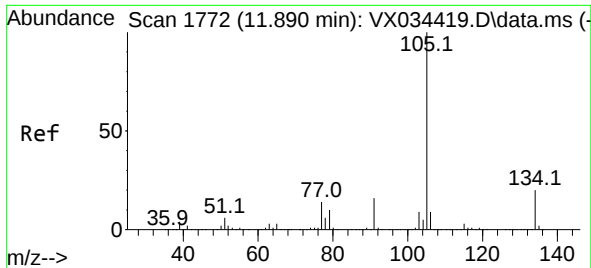
Tgt Ion:105 Resp: 755043

Ion Ratio Lower Upper

105 100

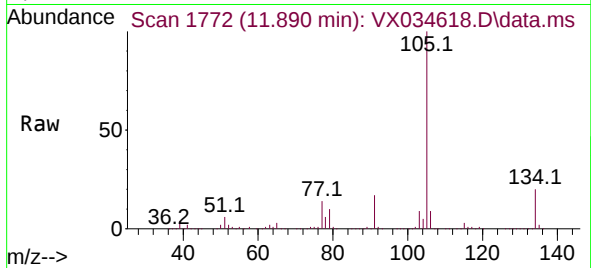
120 43.8 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 48.757 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034618.D
 Acq: 18 Mar 2023 07:38

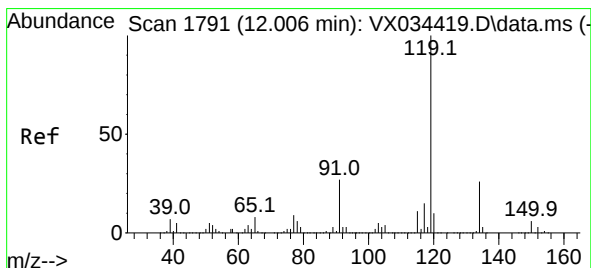
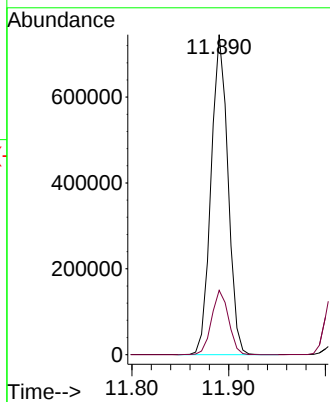
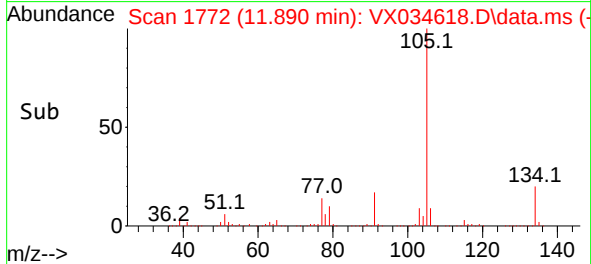
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



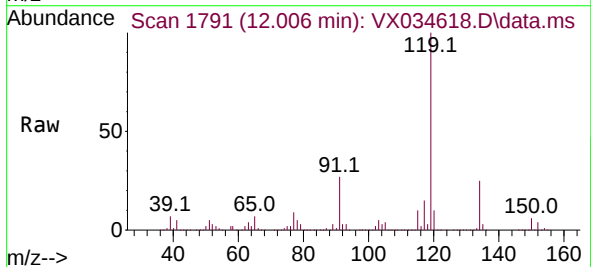
Tgt Ion:105 Resp: 903750
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

Manual Integrations
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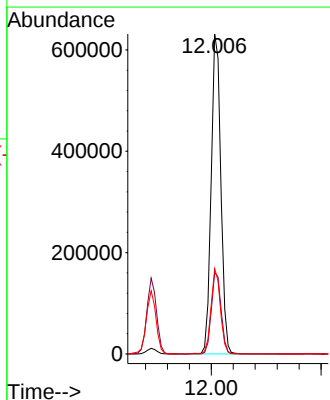
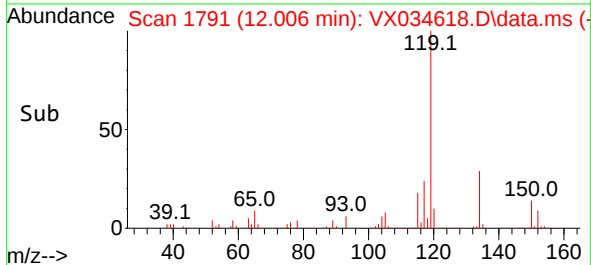
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

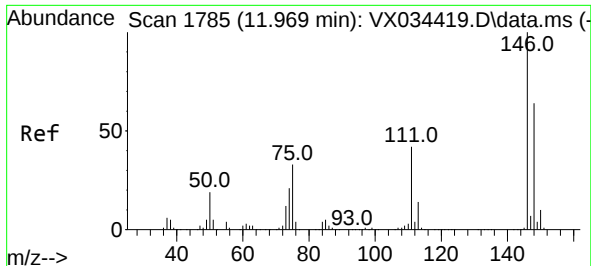


#86
 p-Isopropyltoluene
 Concen: 49.203 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034618.D
 Acq: 18 Mar 2023 07:38



Tgt Ion:119 Resp: 766490
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 25.8 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 46.940 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034618.D

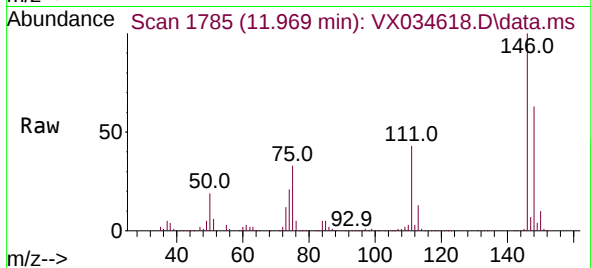
Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 395600

Ion Ratio Lower Upper

146 100

111 43.3 20.9 62.8

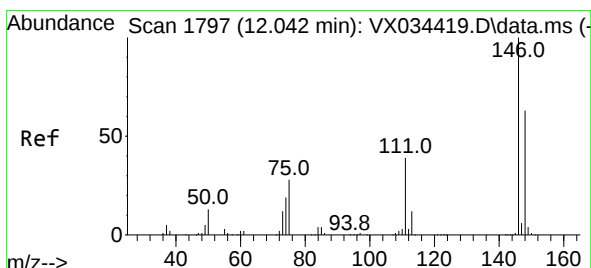
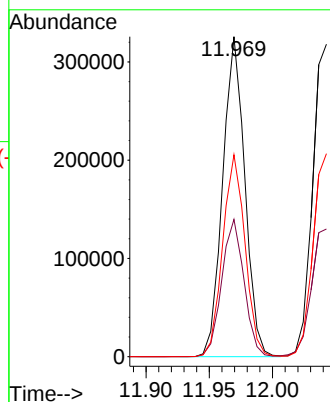
148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#88

1,4-Dichlorobenzene

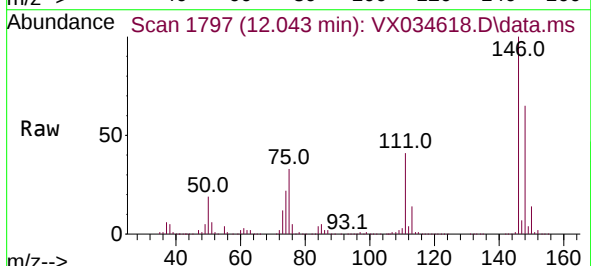
Concen: 46.222 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034618.D

Acq: 18 Mar 2023 07:38



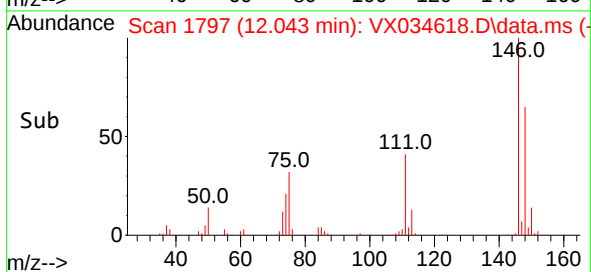
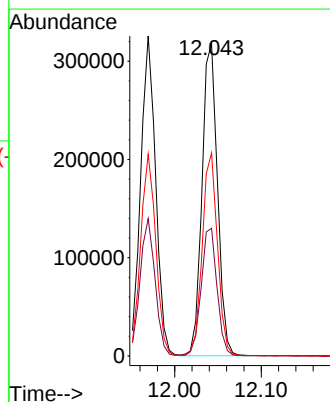
Tgt Ion:146 Resp: 393896

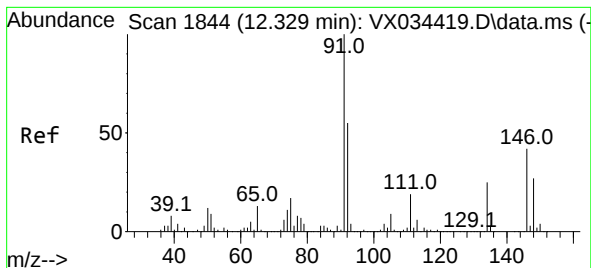
Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.9

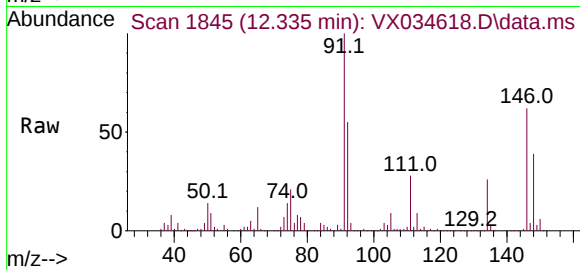
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 46.394 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

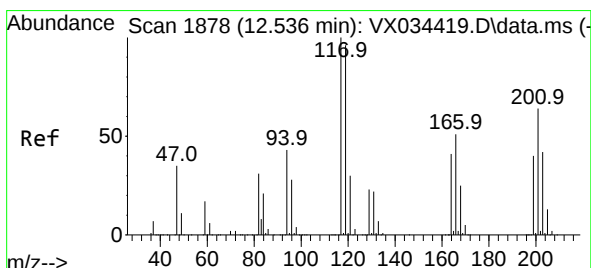
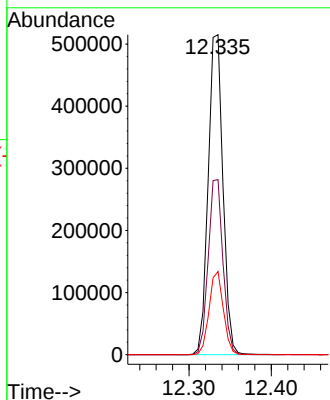
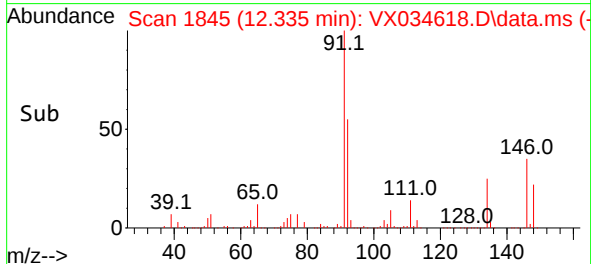
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 642510
Ion Ratio Lower Upper
91 100
92 54.7 27.7 83.0
134 25.2 13.0 38.9

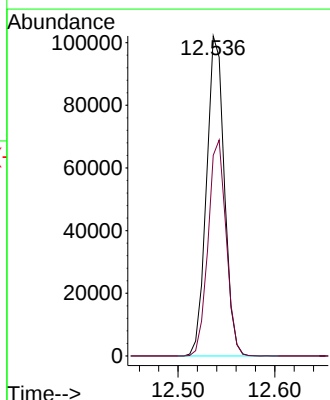
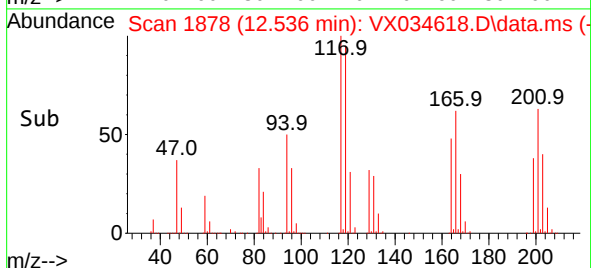
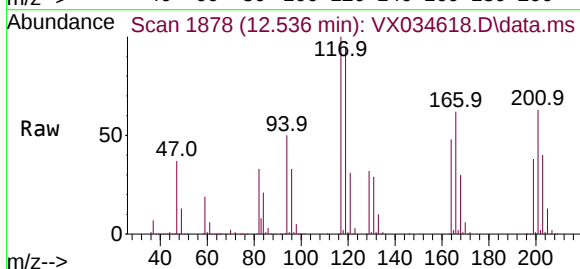
Manual Integrations
APPROVED

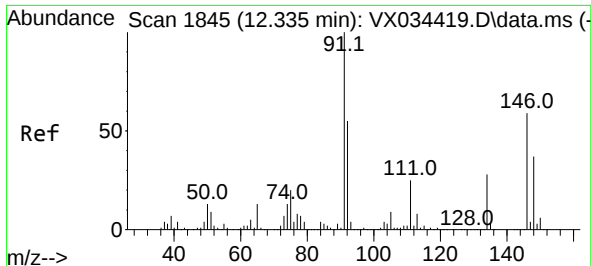
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#90
Hexachloroethane
Concen: 45.405 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

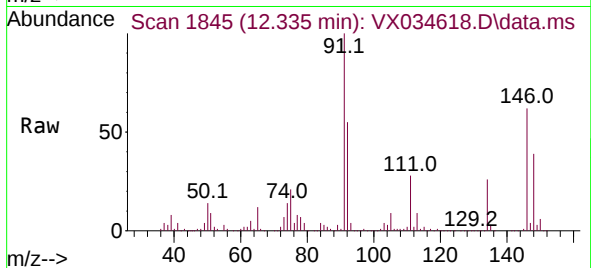
Tgt Ion:117 Resp: 130881
Ion Ratio Lower Upper
117 100
201 68.2 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 47.242 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

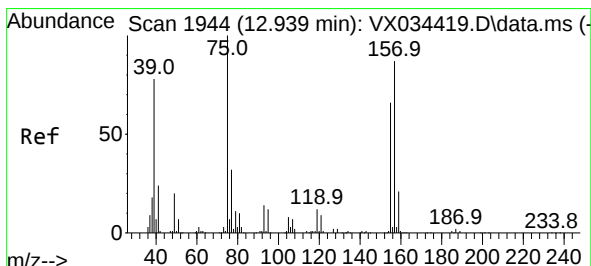
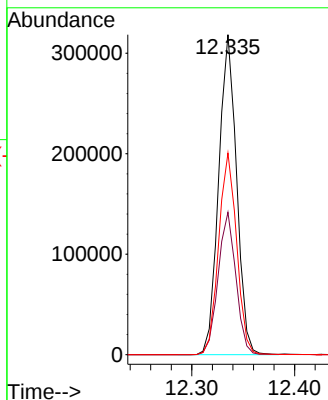
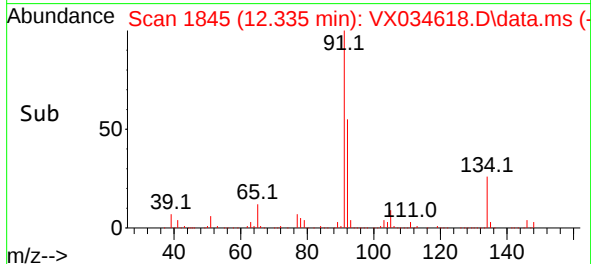
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



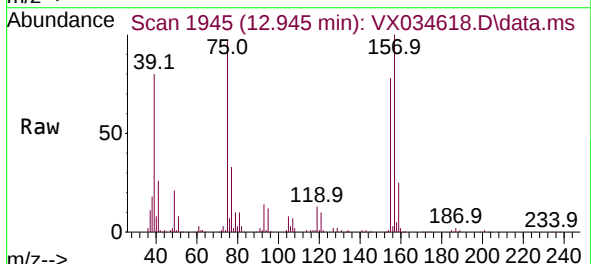
Tgt Ion:146 Resp: 384768
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 63.3 32.0 96.0

Manual Integrations
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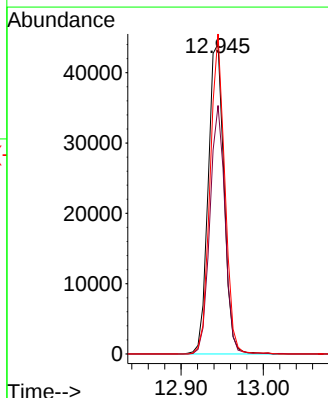
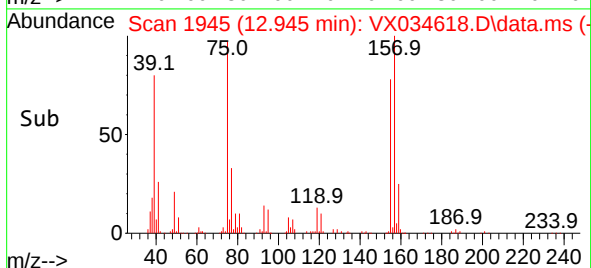
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

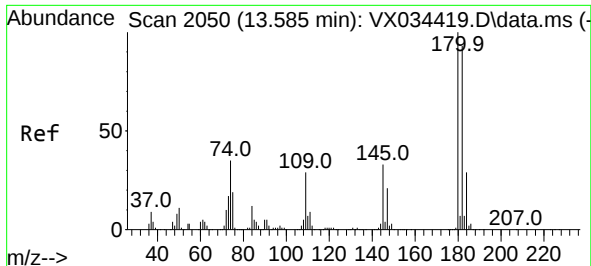


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.341 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38



Tgt Ion: 75 Resp: 58910
Ion Ratio Lower Upper
75 100
155 76.3 38.4 115.1
157 95.7 49.9 149.7





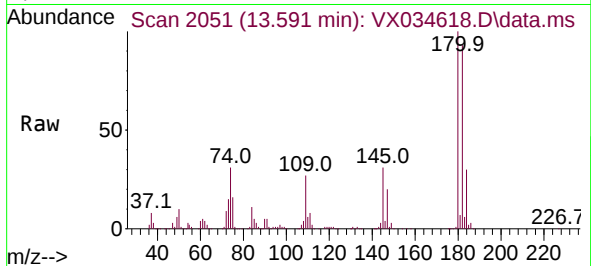
#93
1,2,4-Trichlorobenzene
Concen: 39.619 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



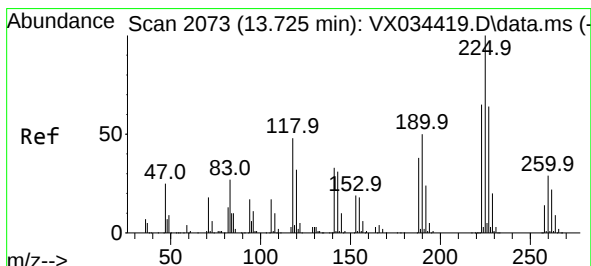
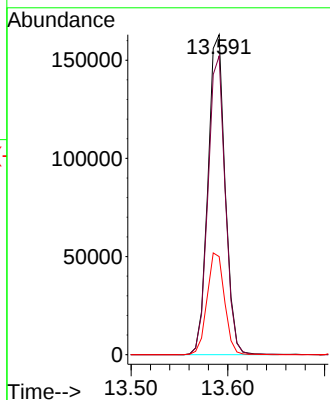
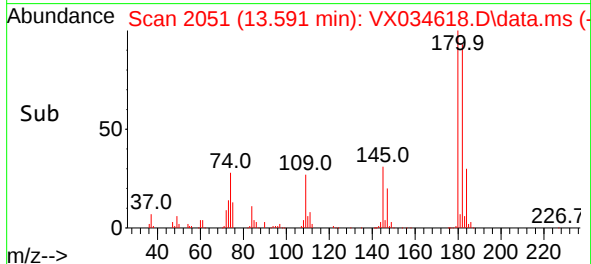
Tgt Ion:180 Resp: 20179
Ion Ratio Lower Upper
180 100
182 93.8 47.0 141.0
145 32.3 15.9 47.7

Manual Integrations

APPROVED

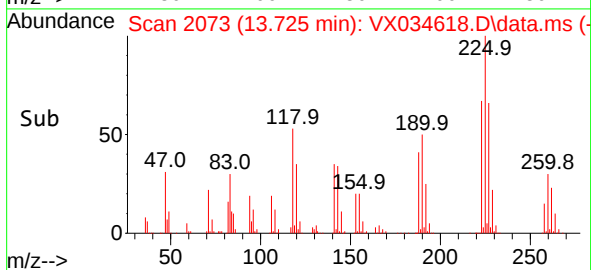
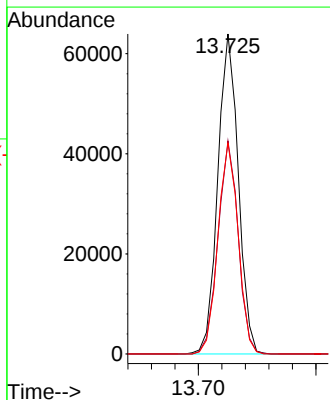
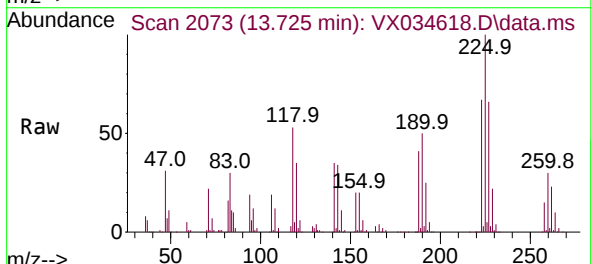
Reviewed By :John Carlone 03/20/2023

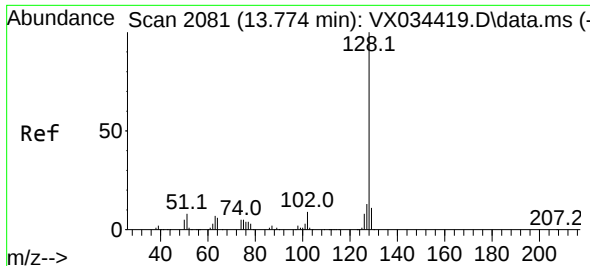
Supervised By :Mahesh Dadoda 03/20/2023



#94
Hexachlorobutadiene
Concen: 37.774 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

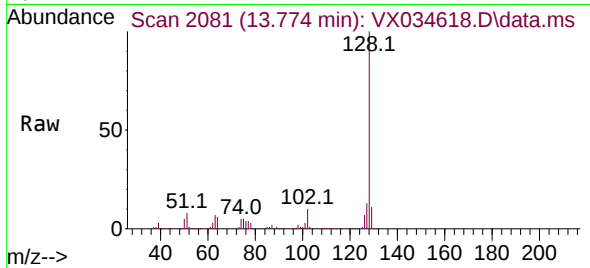
Tgt Ion:225 Resp: 77509
Ion Ratio Lower Upper
225 100
223 65.5 32.1 96.5
227 65.1 31.8 95.4





#95
Naphthalene
Concen: 42.827 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

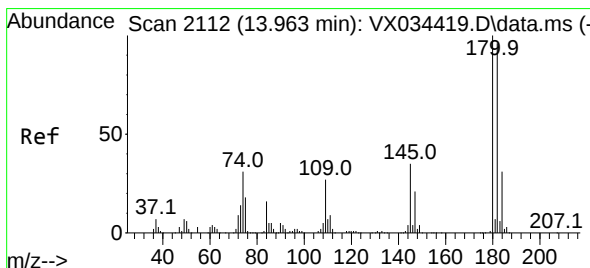
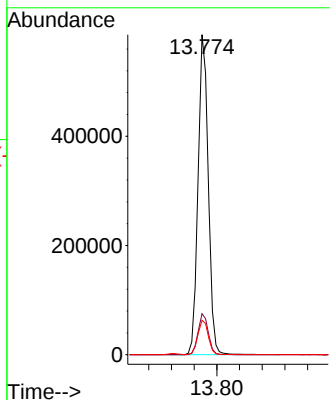
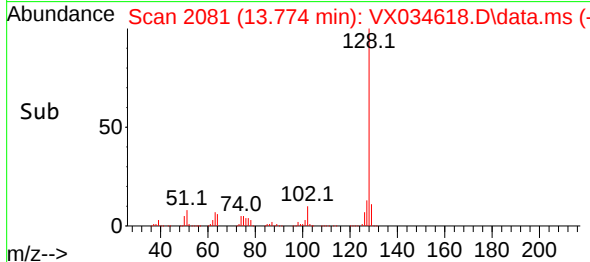
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 731464
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 41.250 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034618.D
Acq: 18 Mar 2023 07:38

Tgt Ion:180 Resp: 205370
Ion Ratio Lower Upper
180 100
182 95.4 48.0 144.2
145 33.9 17.7 53.1

