

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034601.D
 Acq On : 18 Mar 2023 00:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 20 01:58:06 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	257469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	431897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	191431	51.107	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.220%			
35) Dibromofluoromethane	5.379	113	144122	50.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	8.647	98	584021	54.863	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.720%			
62) 4-Bromofluorobenzene	11.079	95	222902	51.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108473	45.192	ug/l	98
3) Chloromethane	1.307	50	147271	40.248	ug/l	100
4) Vinyl Chloride	1.374	62	149237	45.662	ug/l	97
5) Bromomethane	1.599	94	78098	47.361	ug/l	94
6) Chloroethane	1.678	64	96350	51.202	ug/l	98
7) Trichlorofluoromethane	1.880	101	252612	51.439	ug/l	99
8) Diethyl Ether	2.130	74	92322	51.499	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	138321	48.331	ug/l	99
10) Methyl Iodide	2.447	142	177026	47.113	ug/l	96
11) Tert butyl alcohol	2.959	59	208195	266.915	ug/l	99
12) 1,1-Dichloroethene	2.313	96	128877	45.724	ug/l	97
13) Acrolein	2.233	56	145222	235.346	ug/l	99
14) Allyl chloride	2.660	41	248209	43.436	ug/l	98
15) Acrylonitrile	3.056	53	427015	253.429	ug/l	98
16) Acetone	2.373	43	382271	216.659	ug/l	98
17) Carbon Disulfide	2.508	76	287037	36.187	ug/l	100
18) Methyl Acetate	2.697	43	287856	49.930	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	484477	48.006	ug/l	99
20) Methylene Chloride	2.782	84	152426	44.513	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	137576	45.960	ug/l	99
22) Diisopropyl ether	3.757	45	528092	48.471	ug/l	91
23) Vinyl Acetate	3.715	43	2031521	245.004	ug/l	99
24) 1,1-Dichloroethane	3.605	63	275626	47.062	ug/l	99
25) 2-Butanone	4.550	43	623212	246.856	ug/l	100
26) 2,2-Dichloropropane	4.471	77	188623	37.052	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	166477	46.200	ug/l	99
28) Bromochloromethane	4.891	49	136406	50.091	ug/l	98
29) Tetrahydrofuran	4.995	42	398471	255.787	ug/l	100
30) Chloroform	5.086	83	284074	49.483	ug/l	98
31) Cyclohexane	5.458	56	240858	45.851	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	246360	48.475	ug/l	99
36) 1,1-Dichloropropene	5.684	75	204298	46.645	ug/l	99
37) Ethyl Acetate	4.708	43	240661	50.296	ug/l	99
38) Carbon Tetrachloride	5.672	117	209627	48.111	ug/l	97
39) Methylcyclohexane	7.379	83	247048	47.133	ug/l	96
40) Benzene	6.031	78	596119	46.526	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	133707	50.989	ug/l	98
42) 1,2-Dichloroethane	6.080	62	240718	51.120	ug/l	99
43) Isopropyl Acetate	6.330	43	401213	49.496	ug/l	100
44) Trichloroethene	7.123	130	150798	45.297	ug/l	100
45) 1,2-Dichloropropane	7.427	63	160428	47.954	ug/l	98
46) Dibromomethane	7.574	93	111035	48.819	ug/l	99
47) Bromodichloromethane	7.818	83	217765	49.471	ug/l	97
48) Methyl methacrylate	7.690	41	201938	51.799	ug/l	97
49) 1,4-Dioxane	7.653	88	92053	1124.196	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	1411761	300.228	ug/l	99
52) Toluene	8.714	92	433111	54.600	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	276502	55.756	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	286692	53.435	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	181939	57.793	ug/l	97
56) Ethyl methacrylate	9.116	69	298011	57.655	ug/l	97
57) 1,3-Dichloropropane	9.305	76	319682	57.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	718606	269.766	ug/l	99
59) 2-Hexanone	9.427	43	1098855	302.302	ug/l	99
60) Dibromochloromethane	9.519	129	191918	58.127	ug/l	98
61) 1,2-Dibromoethane	9.610	107	189218	55.699	ug/l	100
64) Tetrachloroethene	9.269	164	145531	49.172	ug/l	95
65) Chlorobenzene	10.079	112	450850	46.638	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	168387	47.826	ug/l	98
67) Ethyl Benzene	10.195	91	838246	48.436	ug/l	98
68) m/p-Xylenes	10.299	106	578052	86.951	ug/l	98
69) o-Xylene	10.640	106	285686	42.821	ug/l	97
70) Styrene	10.652	104	487440	45.285	ug/l	99
71) Bromoform	10.799	173	118587	43.756	ug/l	99
73) Isopropylbenzene	10.963	105	767303	47.397	ug/l	100
74) N-amyl acetate	10.841	43	386312	49.821	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	262398	48.573	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	219876m	45.717	ug/l	
77) Bromobenzene	11.195	156	182459	46.976	ug/l	99
78) n-propylbenzene	11.305	91	912680	48.816	ug/l	99
79) 2-Chlorotoluene	11.366	91	555162	48.079	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	661020	48.680	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	74388	41.842	ug/l	92
82) 4-Chlorotoluene	11.451	91	649120	48.805	ug/l	100
83) tert-Butylbenzene	11.713	119	668427	48.823	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	659883	47.551	ug/l	99
85) sec-Butylbenzene	11.890	105	820372	49.014	ug/l	100
86) p-Isopropyltoluene	12.012	119	682202	48.497	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	355135	46.665	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	356150	46.283	ug/l	99
89) n-Butylbenzene	12.335	91	612315	48.964	ug/l	99
90) Hexachloroethane	12.536	117	121285	46.596	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	348576	47.396	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59303	48.317	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	213236	46.364	ug/l	99
94) Hexachlorobutadiene	13.725	225	86504	46.687	ug/l	98
95) Naphthalene	13.774	128	740316	48.002	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	213778	47.551	ug/l	99

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MSVOA_X
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VSTDCCC050

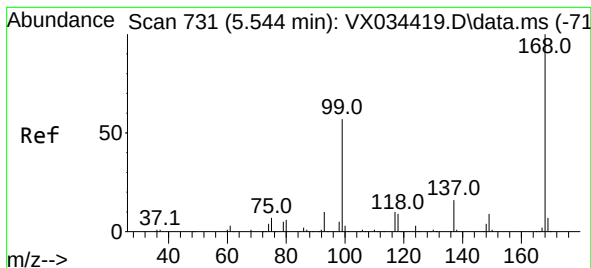
Manual Integrations
APPROVED

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

Quant Time: Mar 20 01:58:06 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 257469

Ion Ratio Lower Upper

168 100

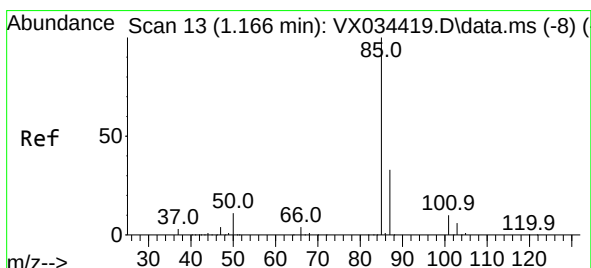
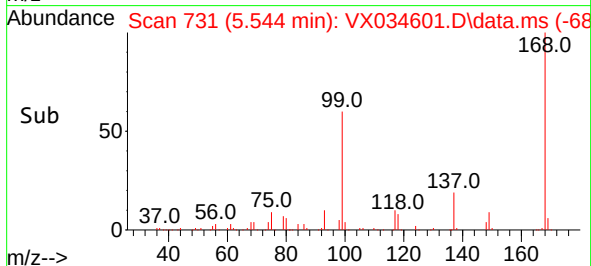
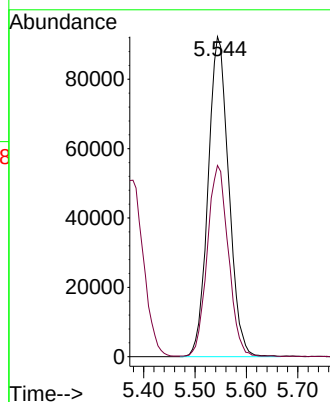
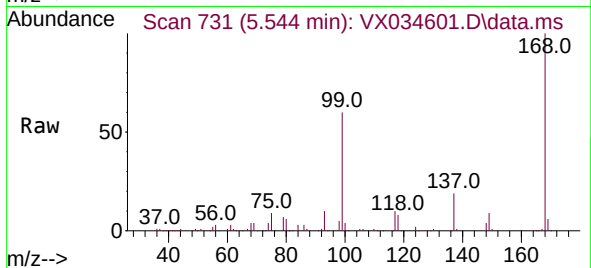
99 59.7 45.7 68.5

Manual Integrations

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Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#2

Dichlorodifluoromethane

Concen: 45.192 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX034601.D

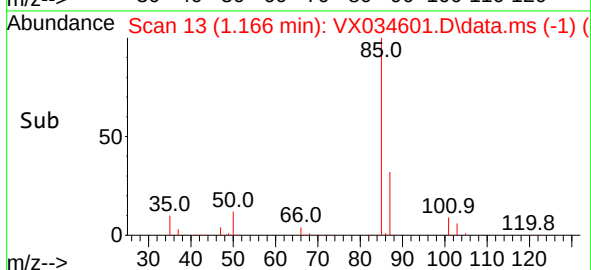
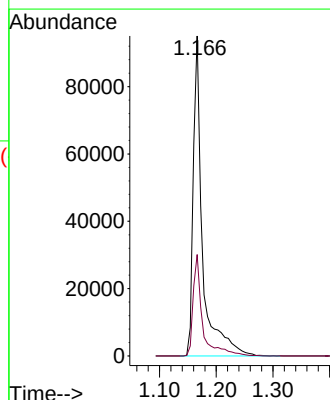
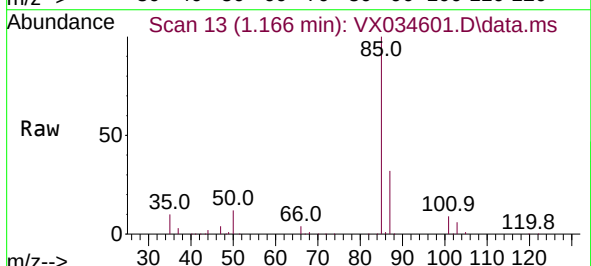
Acq: 18 Mar 2023 00:27

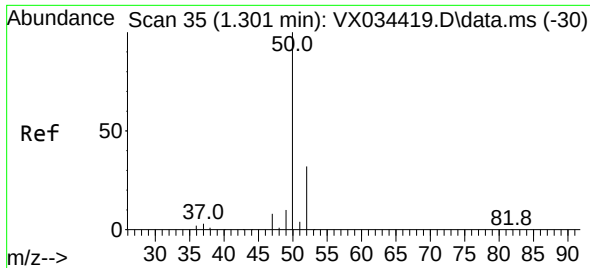
Tgt Ion: 85 Resp: 108473

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1





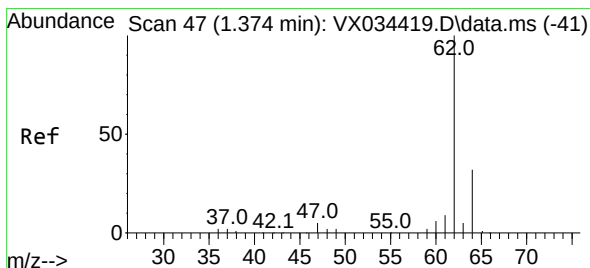
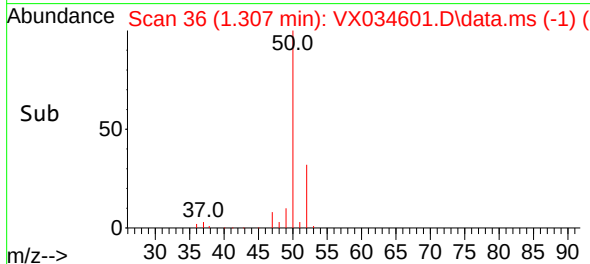
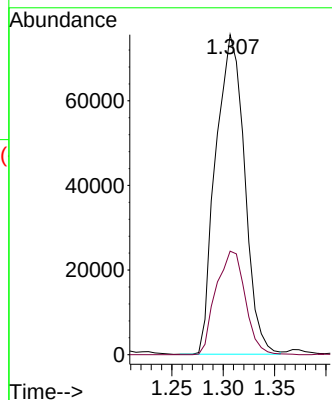
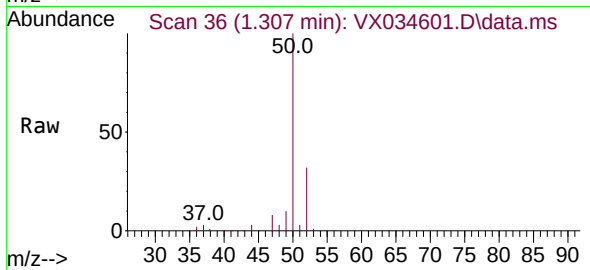
#3
Chloromethane
Concen: 40.248 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 14727
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

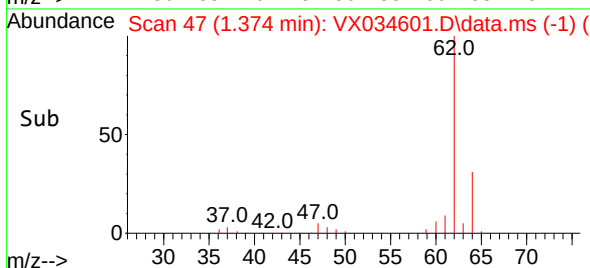
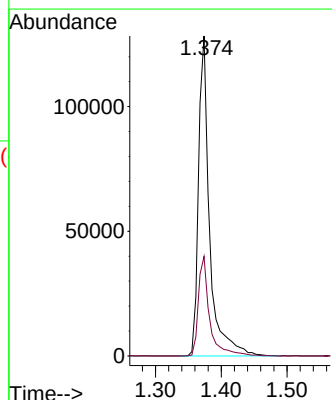
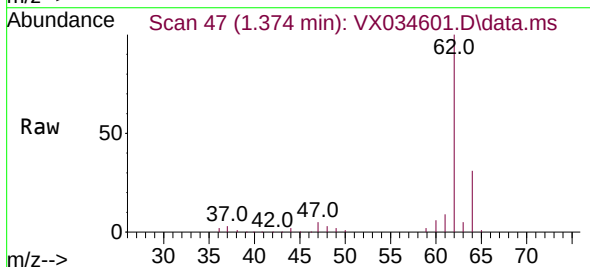
Manual Integrations
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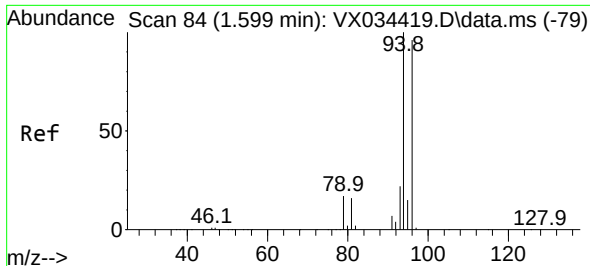
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#4
Vinyl Chloride
Concen: 45.662 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion: 62 Resp: 149237
Ion Ratio Lower Upper
62 100
64 31.1 26.4 39.6





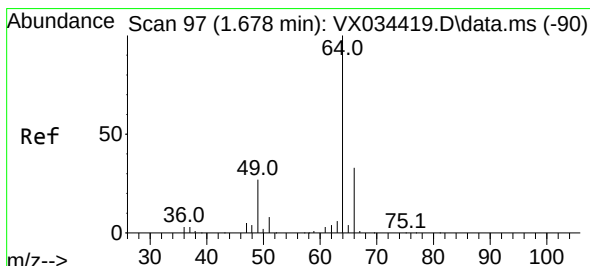
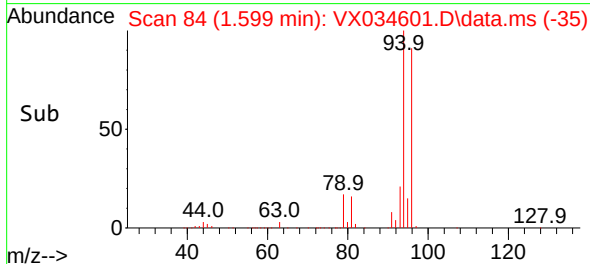
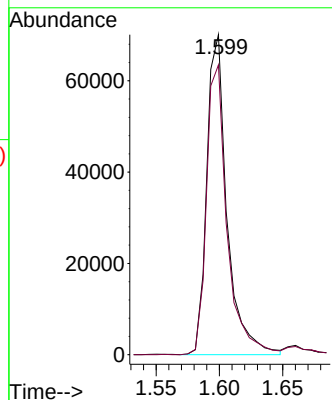
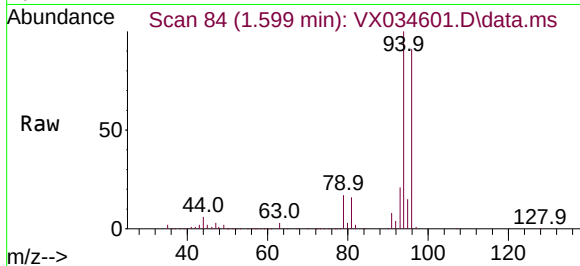
#5
Bromomethane
Concen: 47.361 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 78098
Ion Ratio Lower Upper
94 100
96 90.6 77.0 115.6

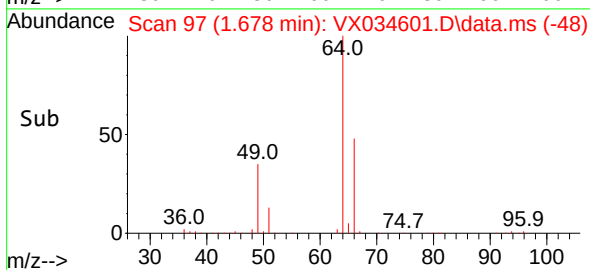
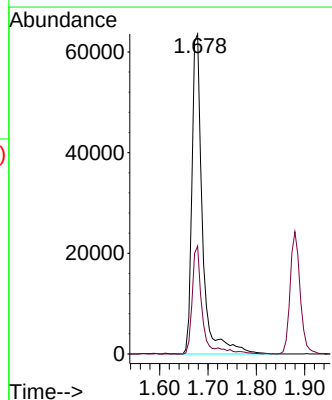
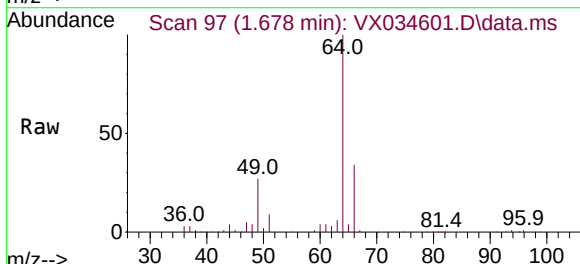
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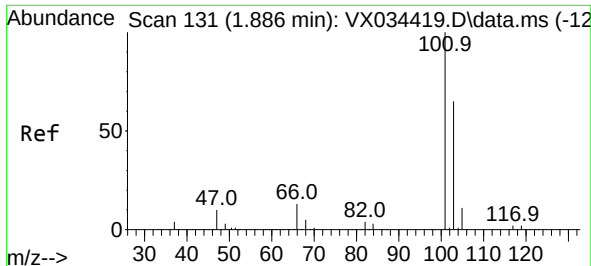
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#6
Chloroethane
Concen: 51.202 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

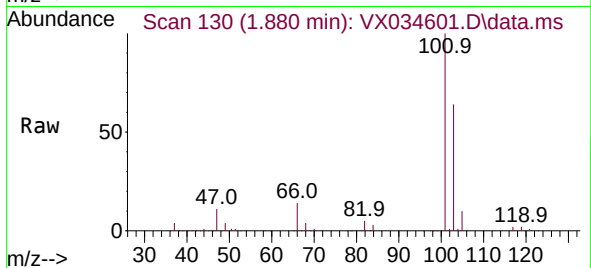
Tgt Ion: 64 Resp: 96350
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 51.439 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

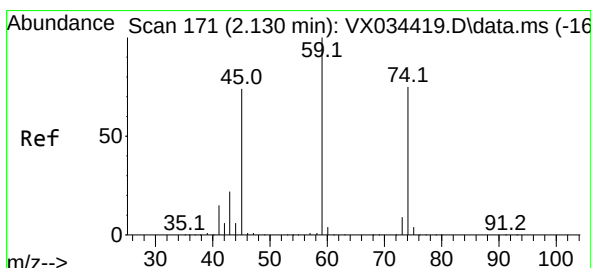
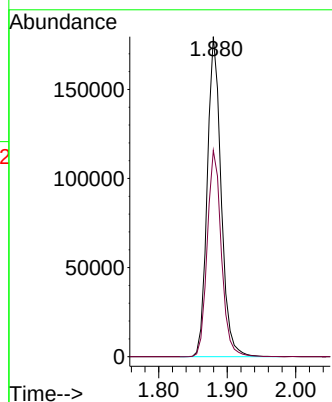
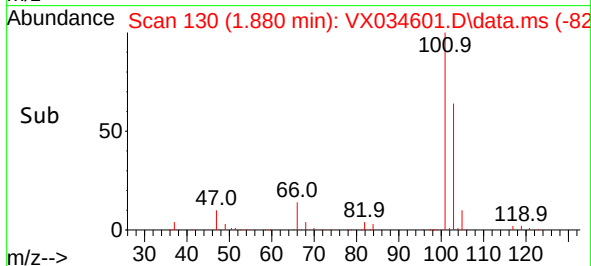
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 25261
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

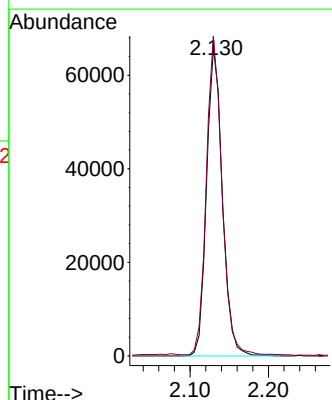
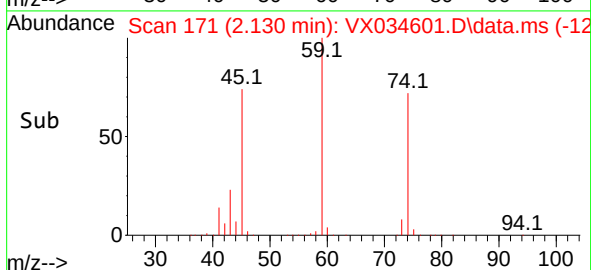
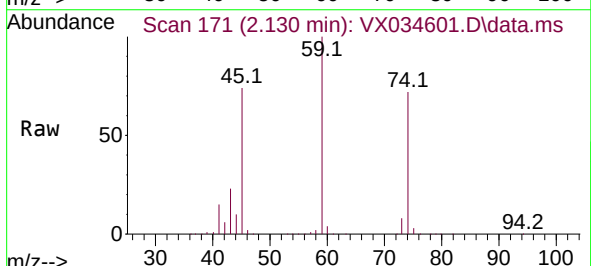
Manual Integrations
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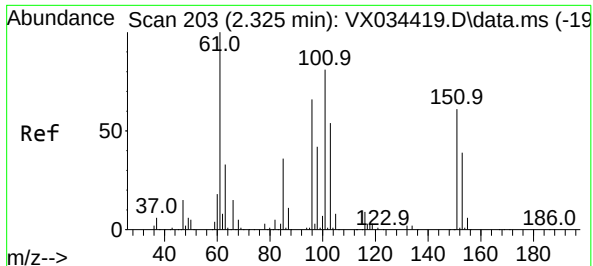
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#8
Diethyl Ether
Concen: 51.499 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion: 74 Resp: 92322
Ion Ratio Lower Upper
74 100
45 102.9 49.8 149.3





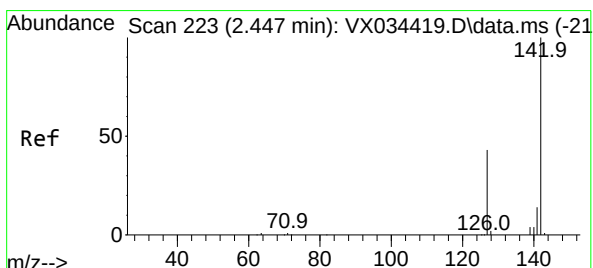
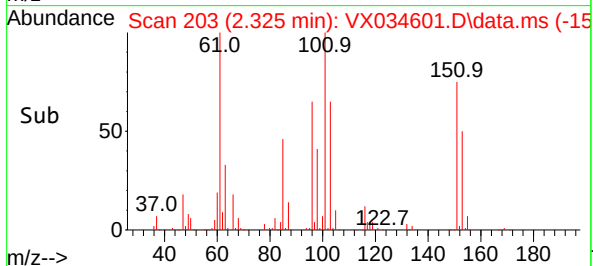
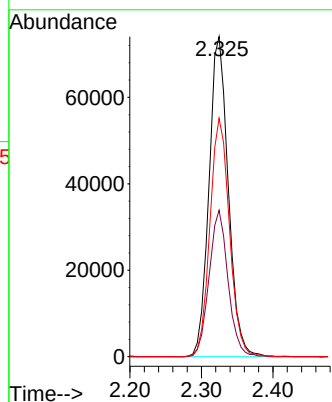
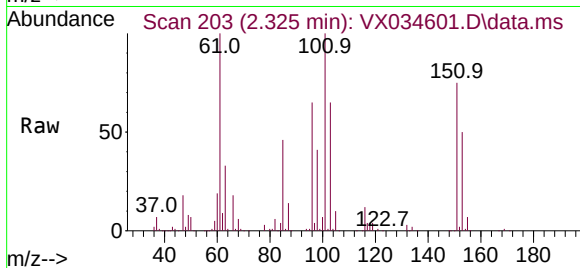
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.331 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13832
Ion Ratio Lower Upper
101 100
85 45.1 35.4 53.2
151 75.7 60.2 90.4

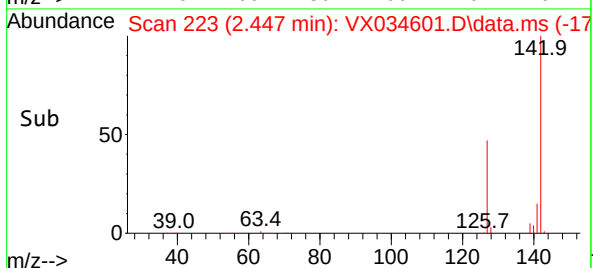
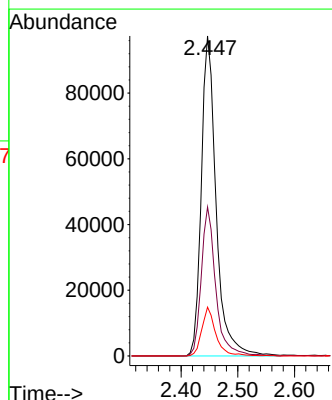
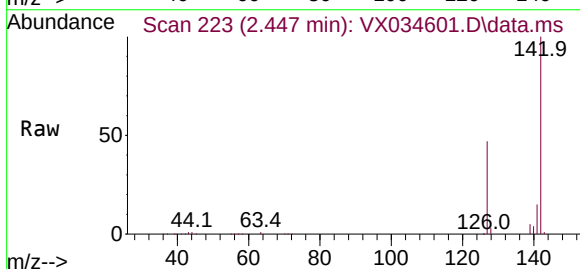
Manual Integrations
APPROVED

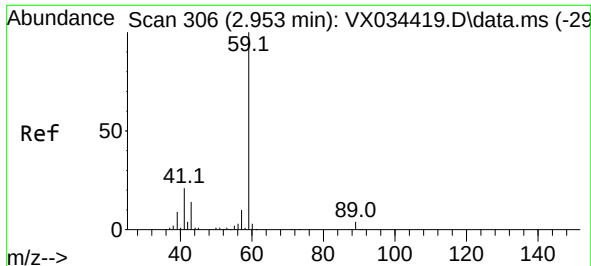
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#10
Methyl Iodide
Concen: 47.113 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion:142 Resp: 177026
Ion Ratio Lower Upper
142 100
127 45.4 34.0 51.0
141 14.4 11.1 16.7





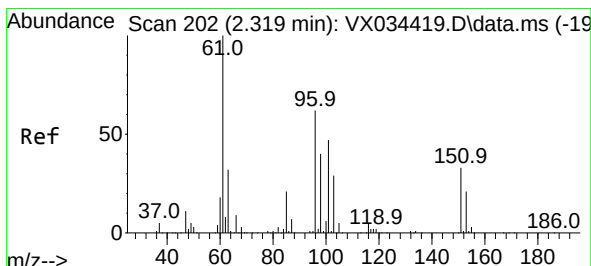
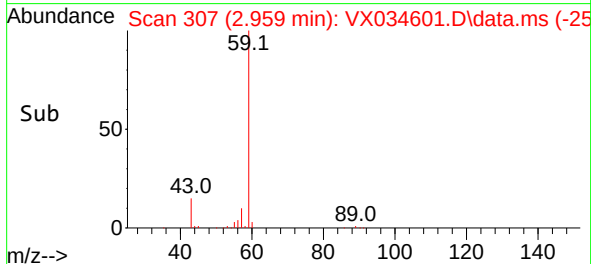
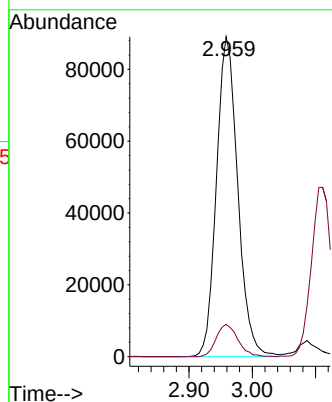
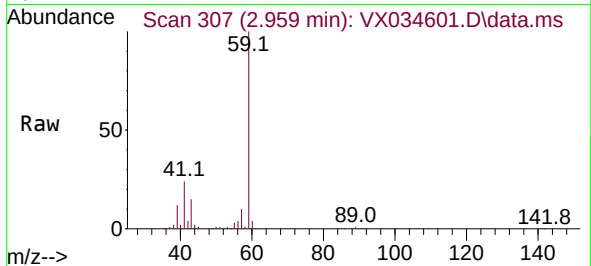
#11
Tert butyl alcohol
Concen: 266.915 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 20819
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

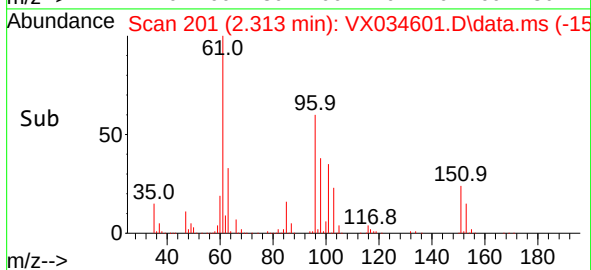
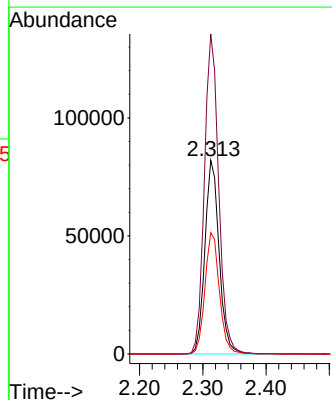
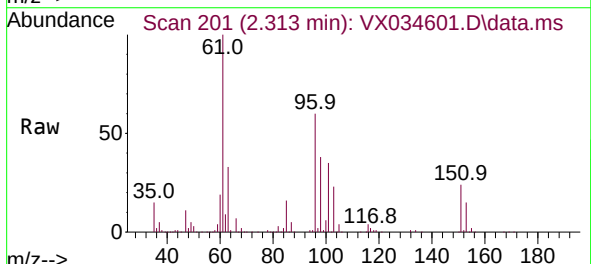
Manual Integrations
APPROVED

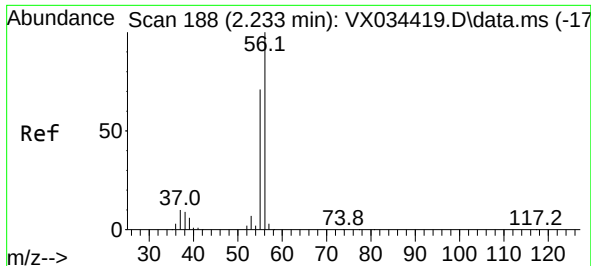
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#12
1,1-Dichloroethene
Concen: 45.724 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

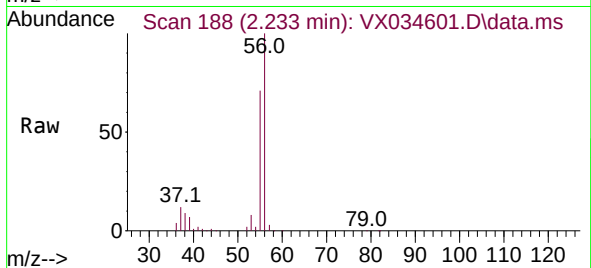
Tgt Ion: 96 Resp: 128877
Ion Ratio Lower Upper
96 100
61 165.3 128.8 193.2
98 62.6 51.4 77.0





#13
Acrolein
Concen: 235.346 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

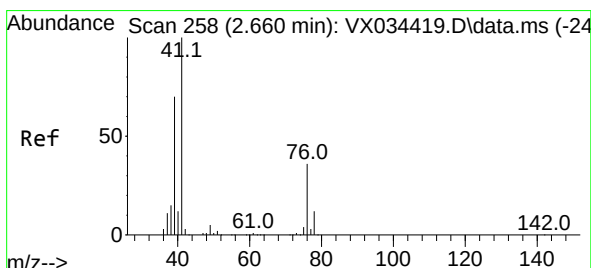
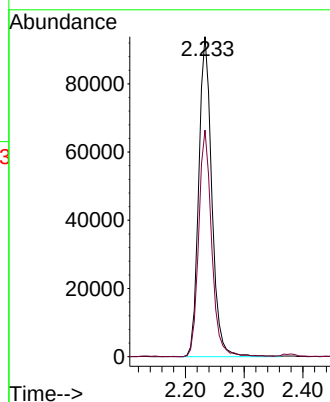
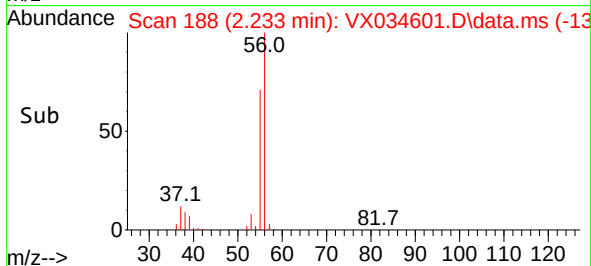
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14522
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0

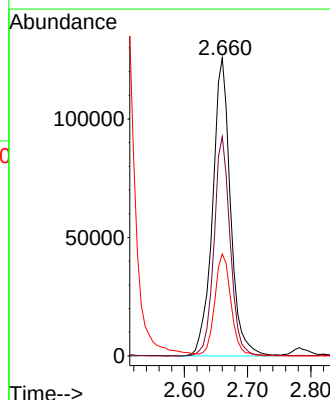
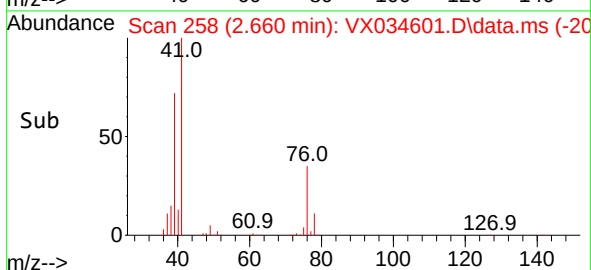
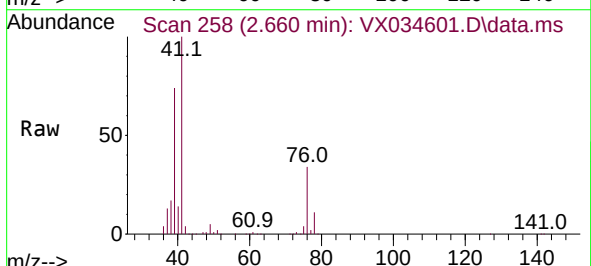
Manual Integrations
APPROVED

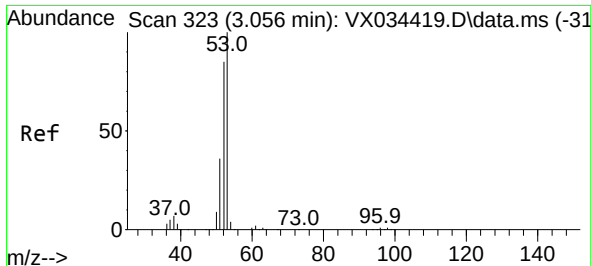
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#14
Allyl chloride
Concen: 43.436 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

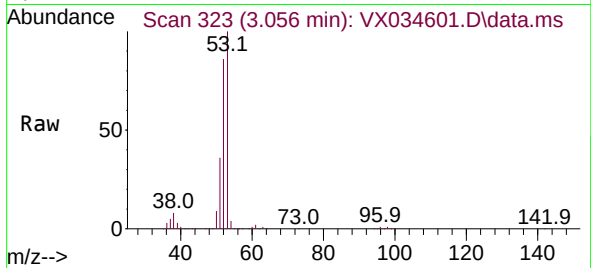
Tgt Ion: 41 Resp: 248209
Ion Ratio Lower Upper
41 100
39 66.5 52.4 78.6
76 31.1 26.0 39.0





#15
Acrylonitrile
Concen: 253.429 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

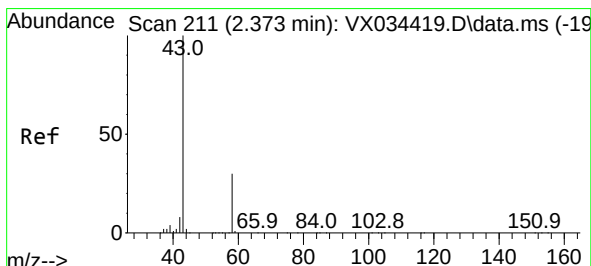
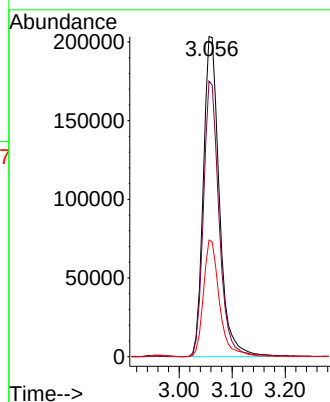
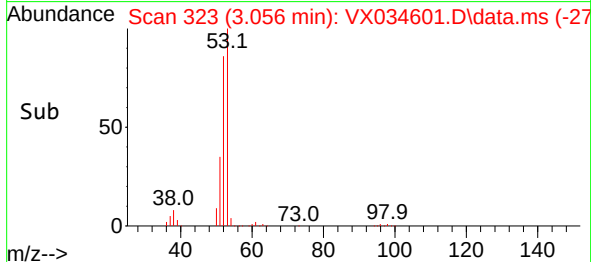
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



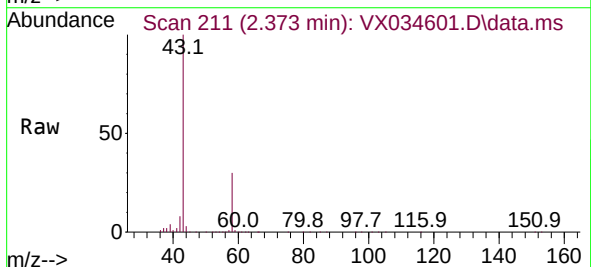
Tgt Ion: 53 Resp: 427015
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 36.5 28.3 42.5

Manual Integrations
APPROVED

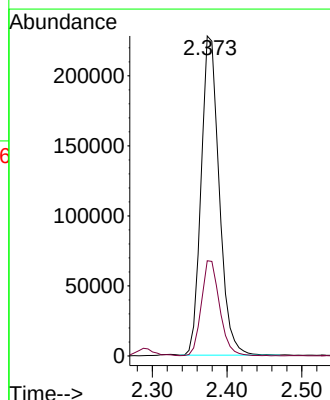
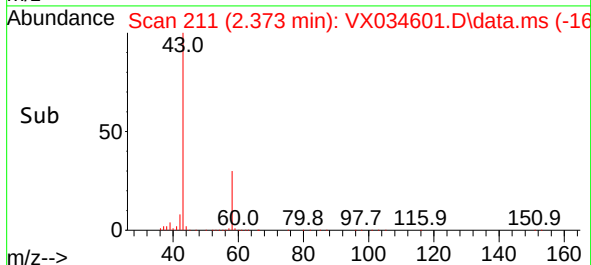
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

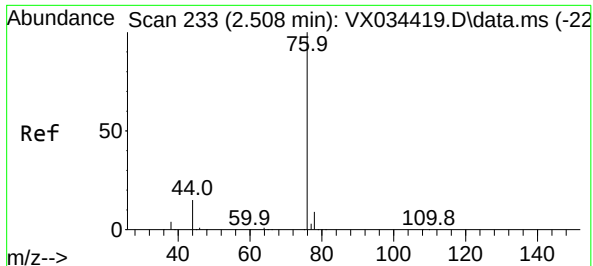


#16
Acetone
Concen: 216.659 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27



Tgt Ion: 43 Resp: 382271
Ion Ratio Lower Upper
43 100
58 29.8 24.7 37.1





#17

Carbon Disulfide

Concen: 36.187 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 28703

Ion Ratio Lower Upper

76 100

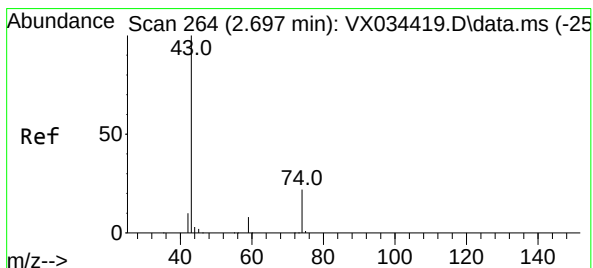
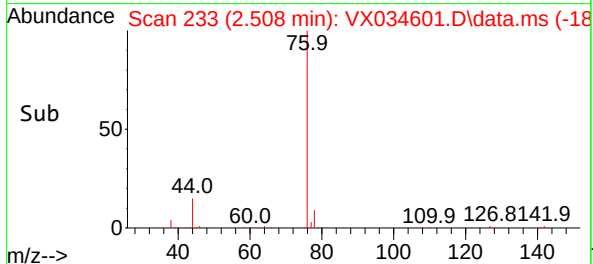
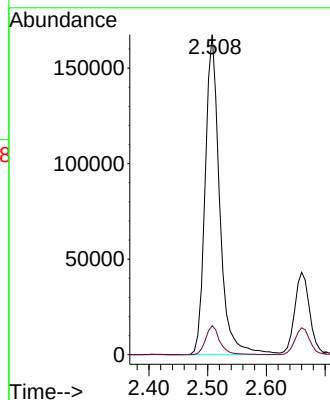
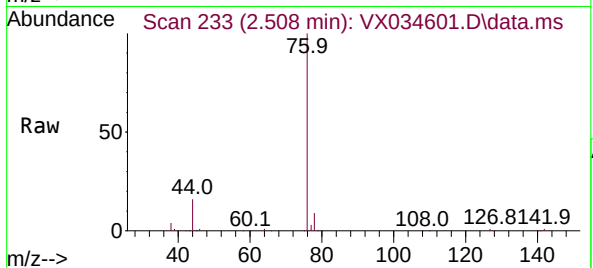
78 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#18

Methyl Acetate

Concen: 49.930 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX034601.D

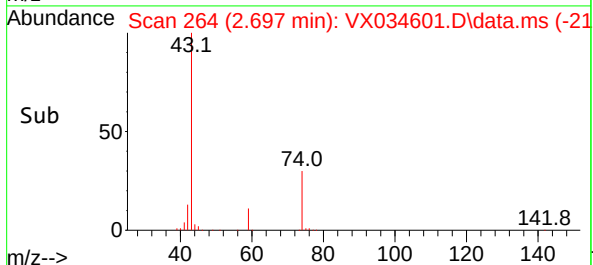
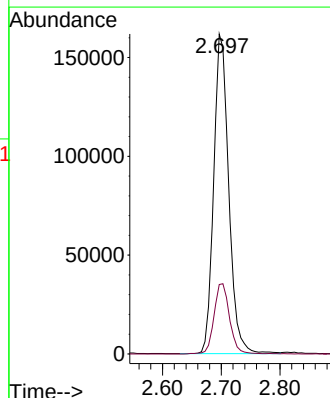
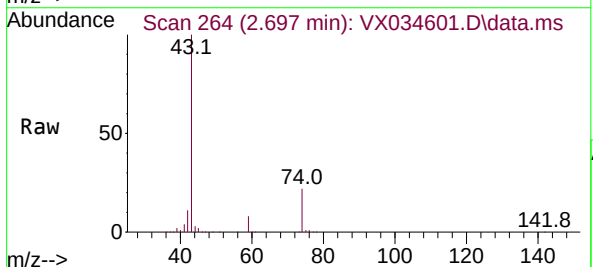
Acq: 18 Mar 2023 00:27

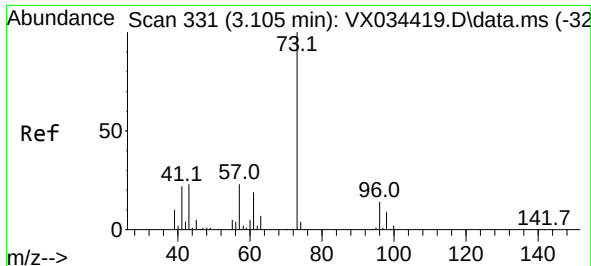
Tgt Ion: 43 Resp: 287856

Ion Ratio Lower Upper

43 100

74 22.7 18.3 27.5





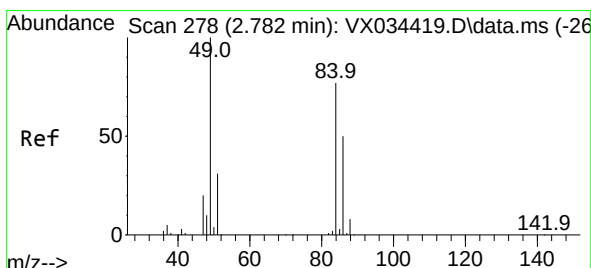
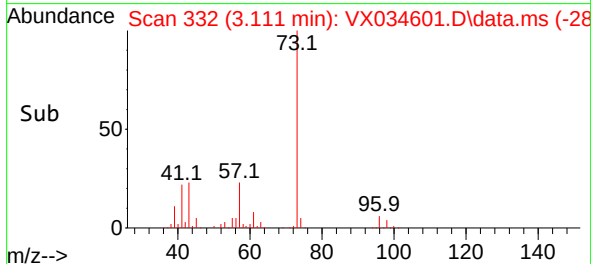
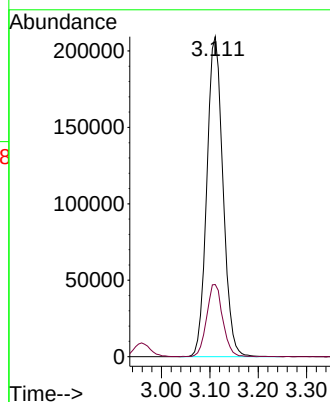
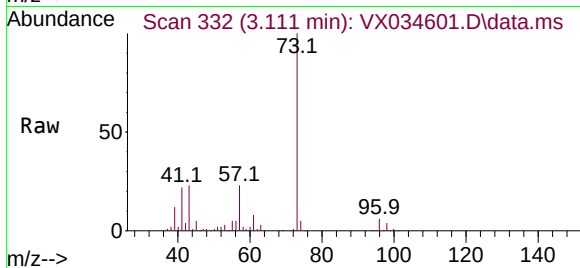
#19
Methyl tert-butyl Ether
Concen: 48.006 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 48447
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7

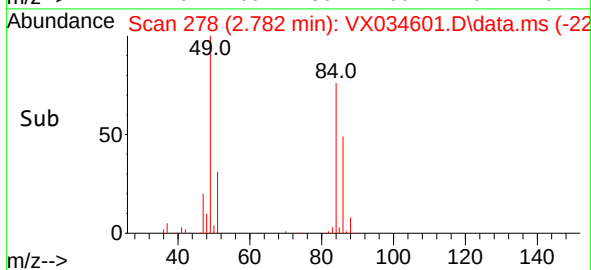
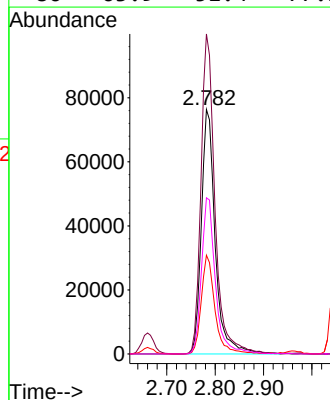
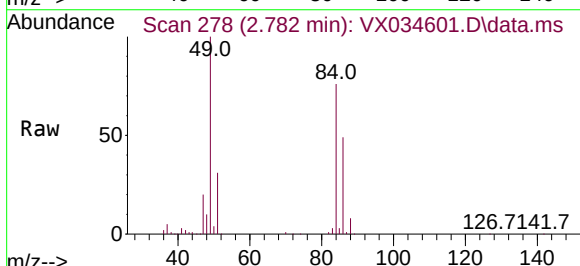
Manual Integrations
APPROVED

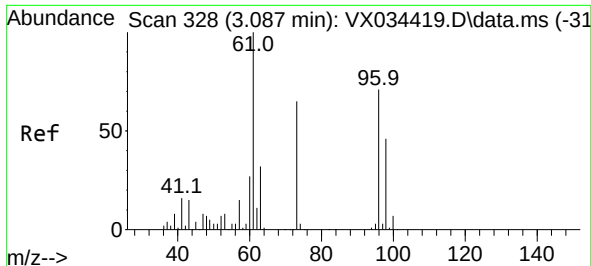
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#20
Methylene Chloride
Concen: 44.513 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

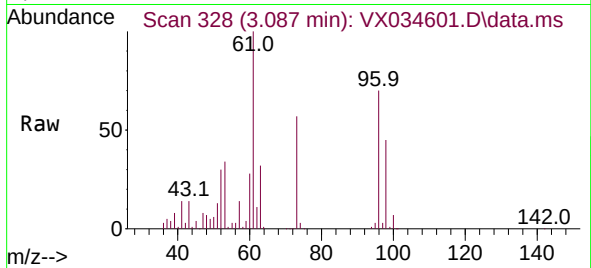
Tgt Ion: 84 Resp: 152426
Ion Ratio Lower Upper
84 100
49 130.9 103.8 155.8
51 40.4 31.8 47.8
86 63.9 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 45.960 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

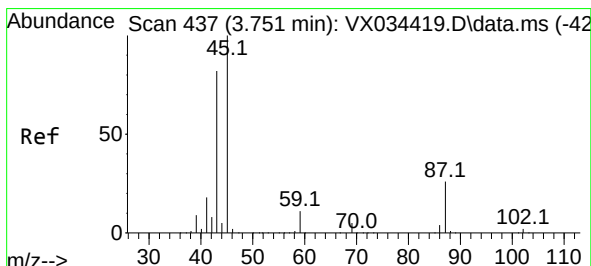
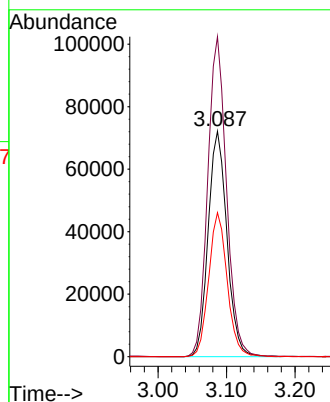
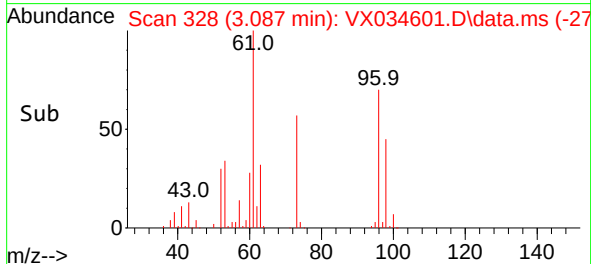
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 137570
Ion Ratio Lower Upper
96 100
61 141.9 113.0 169.6
98 63.9 52.1 78.1

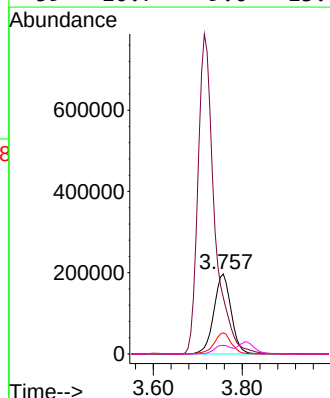
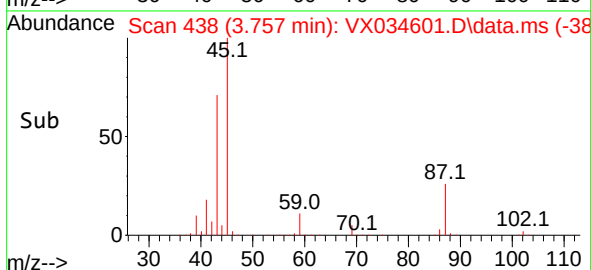
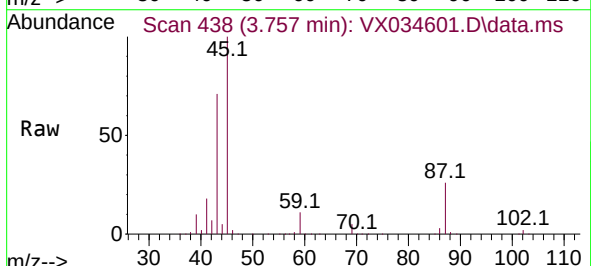
Manual Integrations
APPROVED

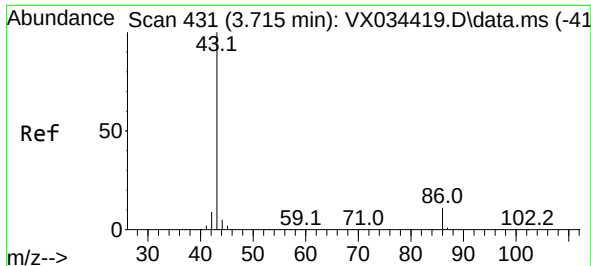
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#22
Diisopropyl ether
Concen: 48.471 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion: 45 Resp: 528092
Ion Ratio Lower Upper
45 100
43 70.8 65.4 98.2
87 26.4 20.6 31.0
59 10.7 9.0 13.6





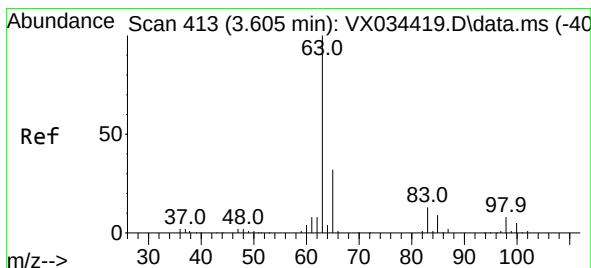
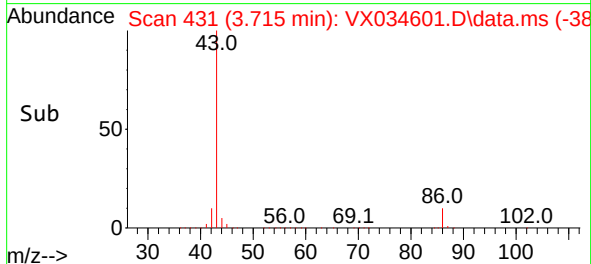
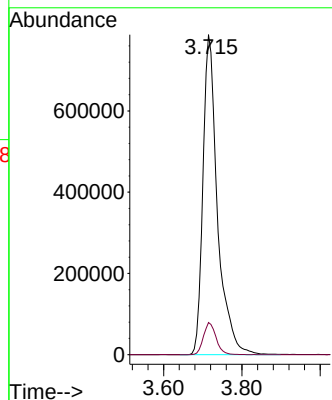
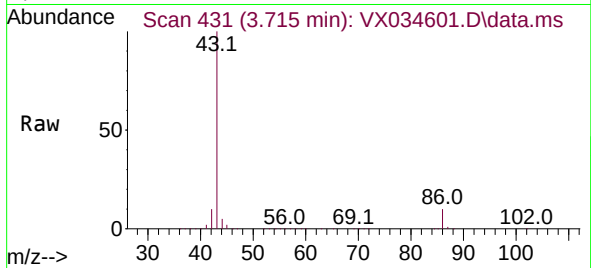
#23
 Vinyl Acetate
 Concen: 245.004 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034601.D
 Acq: 18 Mar 2023 00:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 203152
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

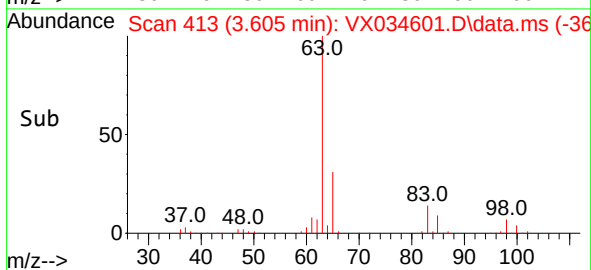
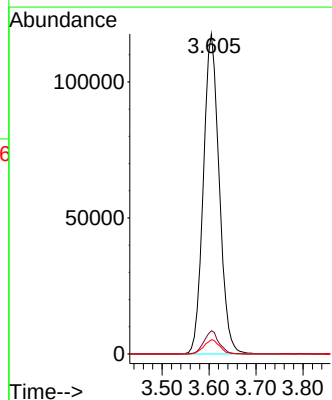
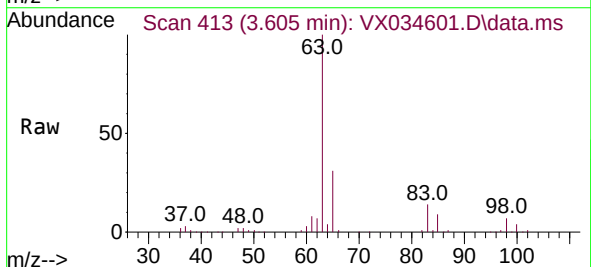
Manual Integrations
 APPROVED

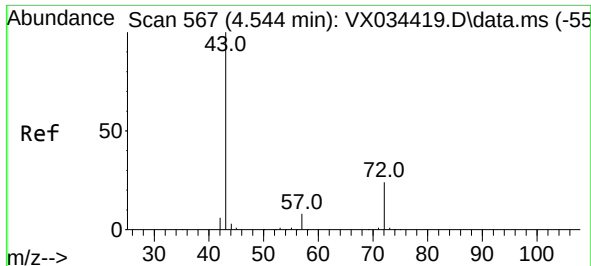
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#24
 1,1-Dichloroethane
 Concen: 47.062 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034601.D
 Acq: 18 Mar 2023 00:27

Tgt Ion: 63 Resp: 275626
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.5 2.4 7.1





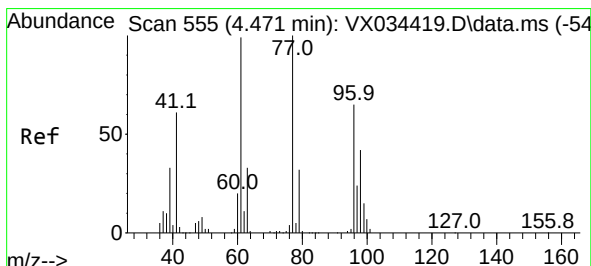
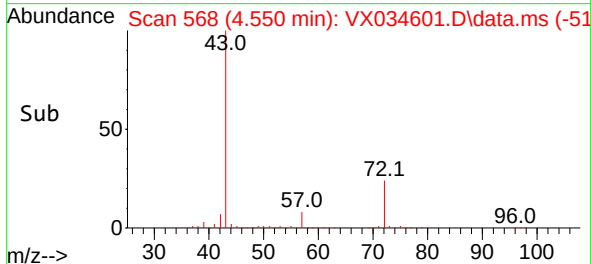
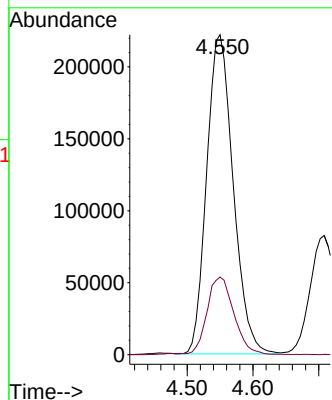
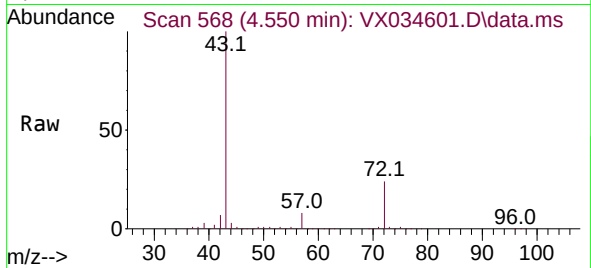
#25
2-Butanone
Concen: 246.856 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 62321
Ion Ratio Lower Upper
43 100
72 24.2 19.3 28.9

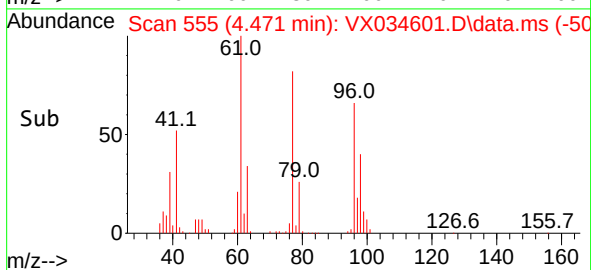
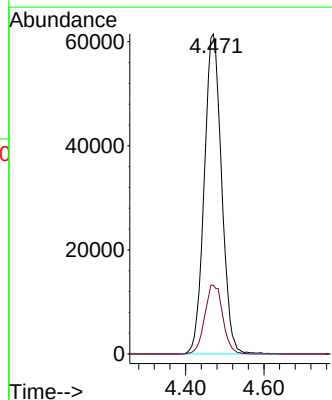
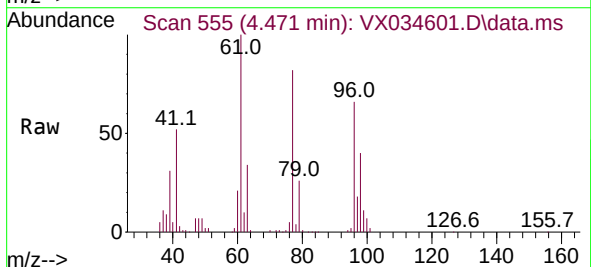
Manual Integrations
APPROVED

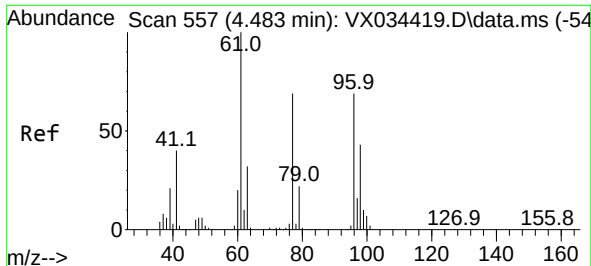
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#26
2,2-Dichloropropane
Concen: 37.052 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion: 77 Resp: 188623
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 46.200 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 16647

Ion Ratio Lower Upper

96 100

61 148.7 0.0 300.4

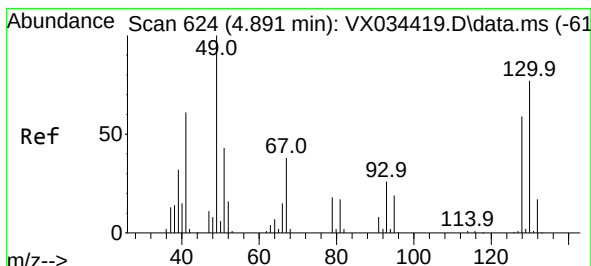
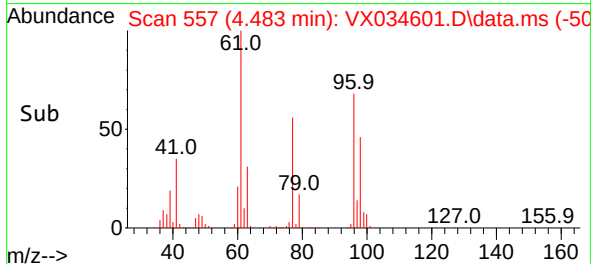
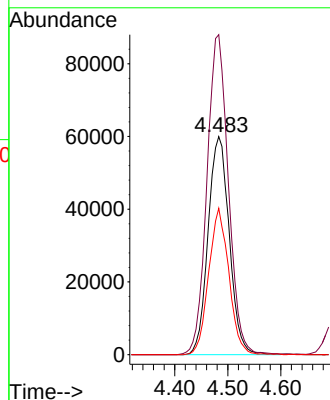
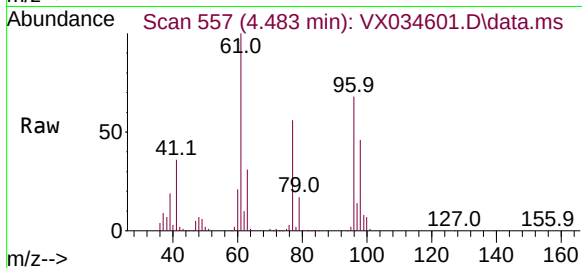
98 64.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#28

Bromochloromethane

Concen: 50.091 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

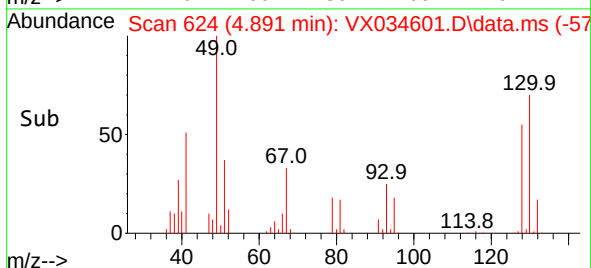
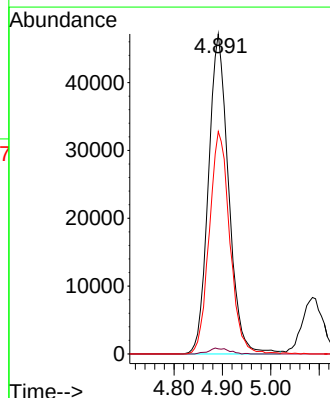
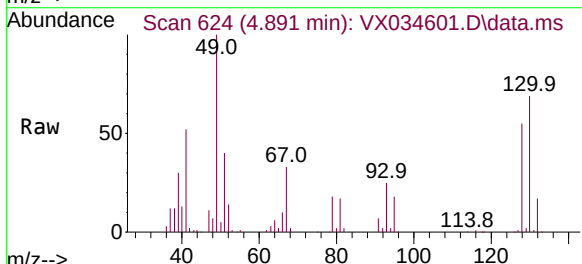
Tgt Ion: 49 Resp: 136406

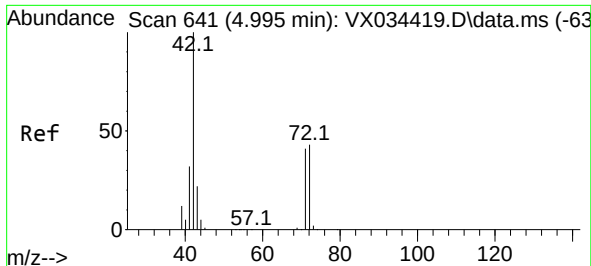
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 70.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 255.787 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 39847

Ion Ratio Lower Upper

42 100

72 43.1 34.5 51.7

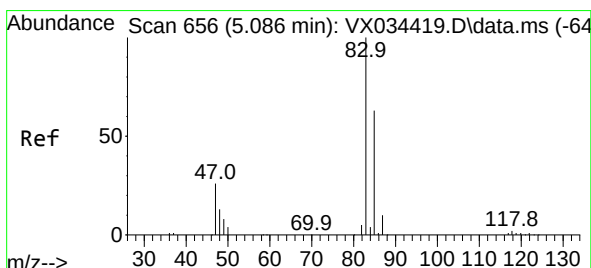
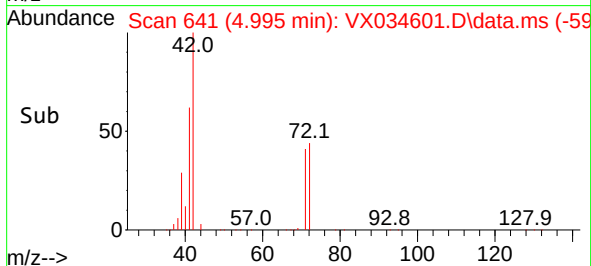
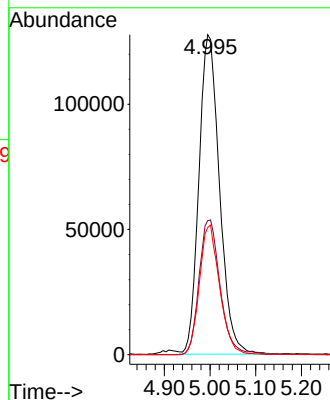
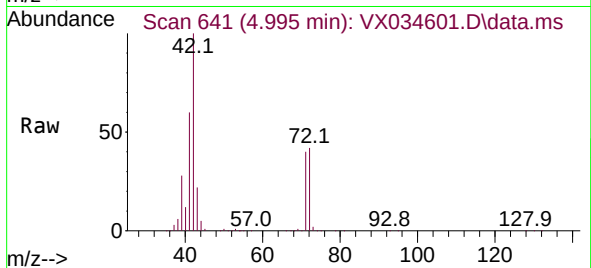
71 39.9 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#30

Chloroform

Concen: 49.483 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX034601.D

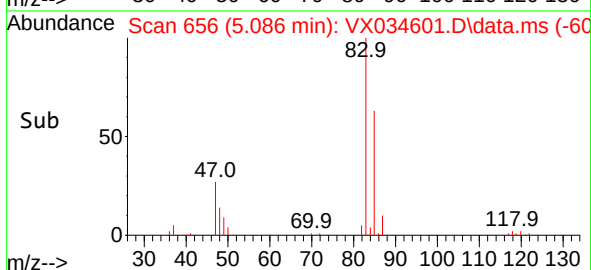
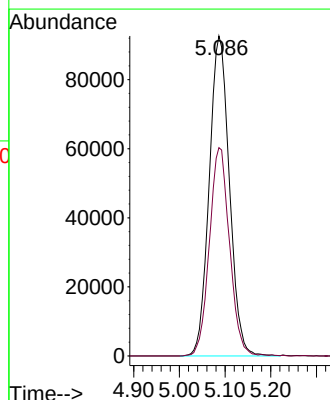
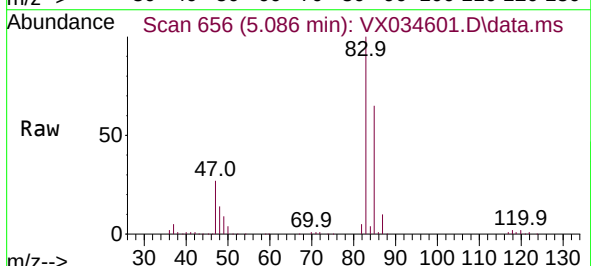
Acq: 18 Mar 2023 00:27

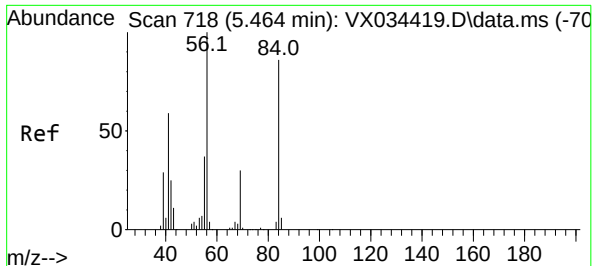
Tgt Ion: 83 Resp: 284074

Ion Ratio Lower Upper

83 100

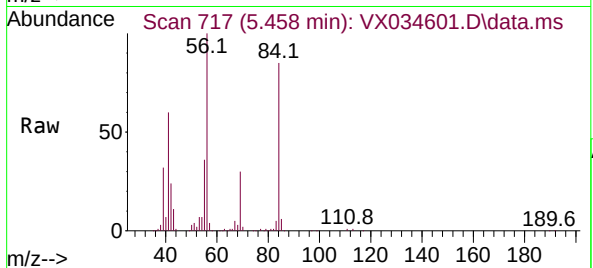
85 65.1 50.6 76.0





#31
Cyclohexane
Concen: 45.851 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

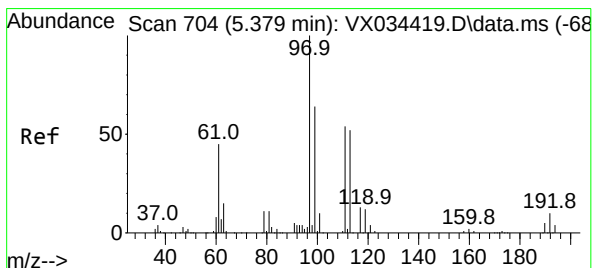
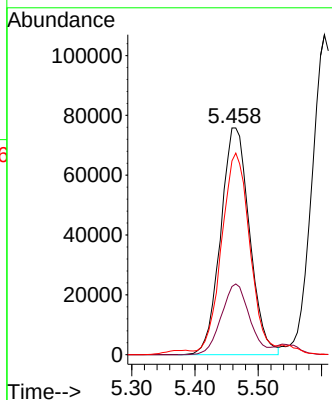
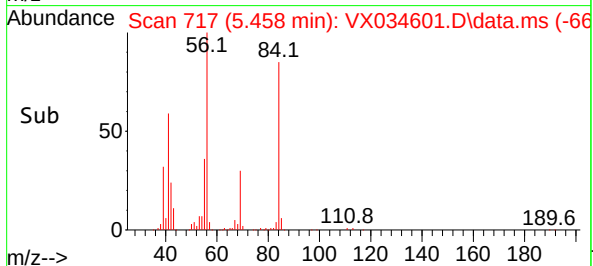
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 240858
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 83.6 68.5 102.7

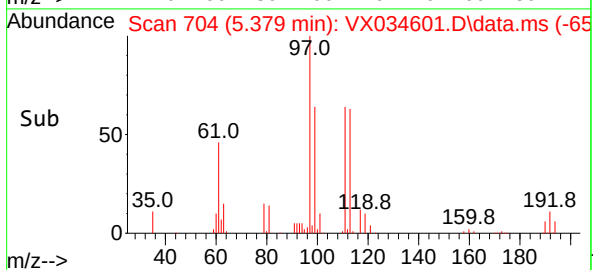
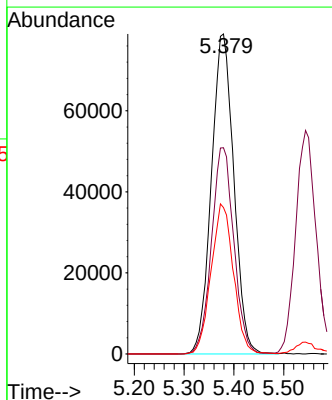
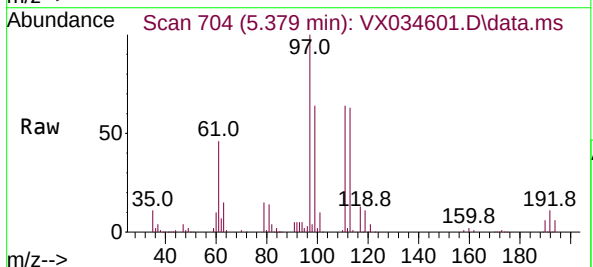
Manual Integrations
APPROVED

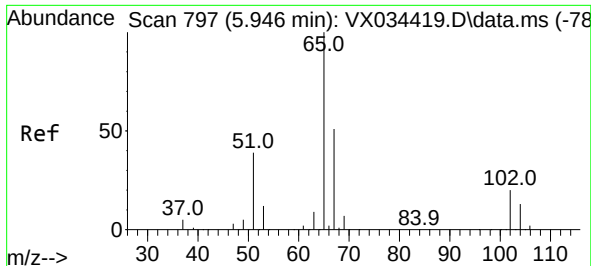
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#32
1,1,1-Trichloroethane
Concen: 48.475 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion: 97 Resp: 246360
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 46.8 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 51.107 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

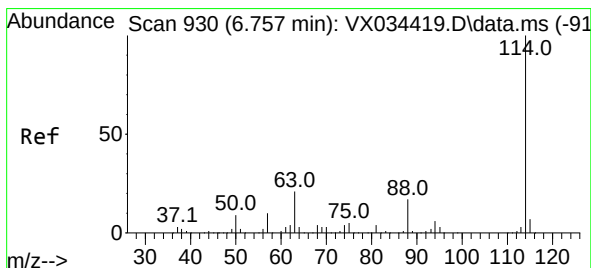
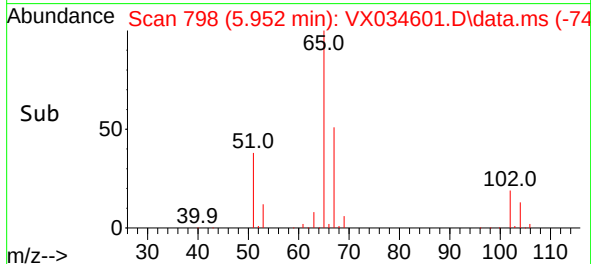
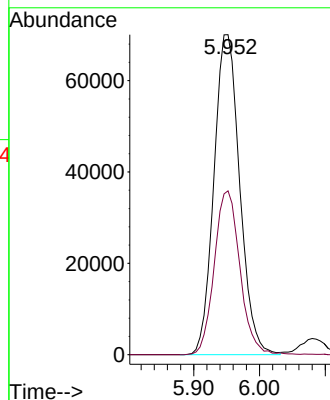
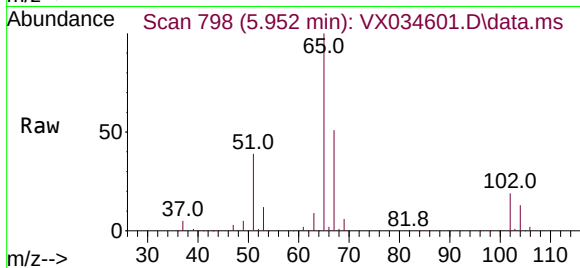
VSTDCCC050

Tgt Ion: 65 Resp: 19143
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

Manual Integrations

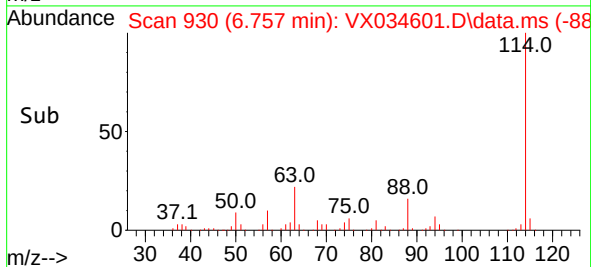
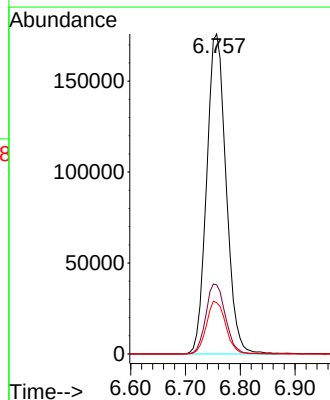
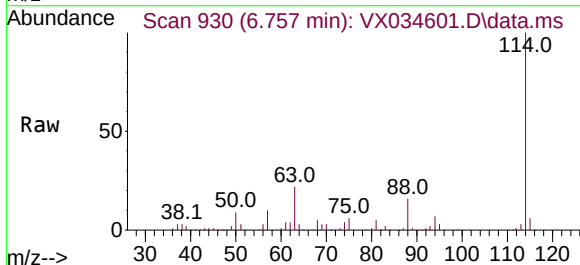
APPROVED

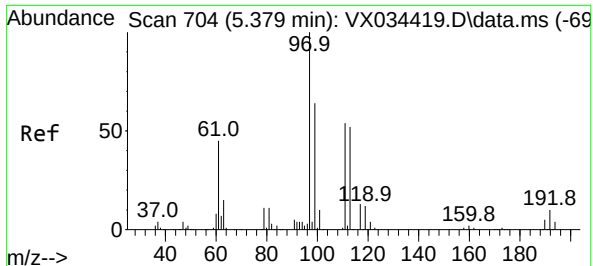
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

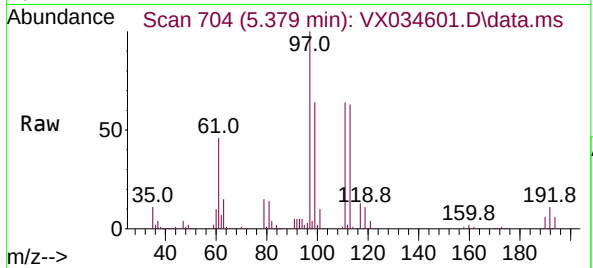
Tgt Ion:114 Resp: 431897
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.2
88 16.0 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.541 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

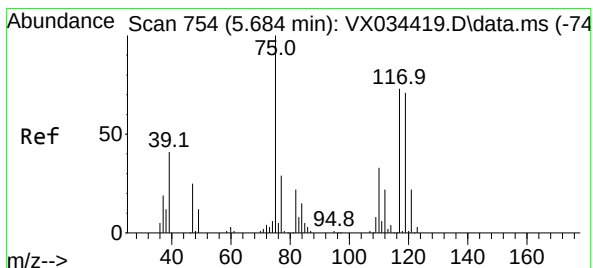
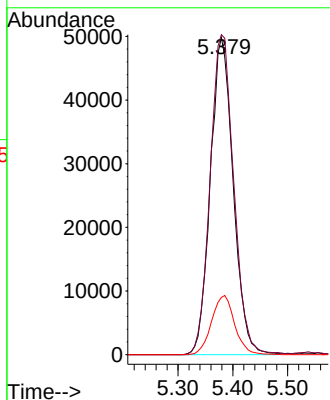
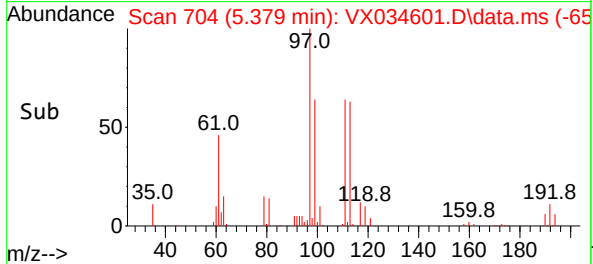
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 14412
Ion Ratio Lower Upper
113 100
111 104.2 83.7 125.5
192 18.9 15.4 23.2

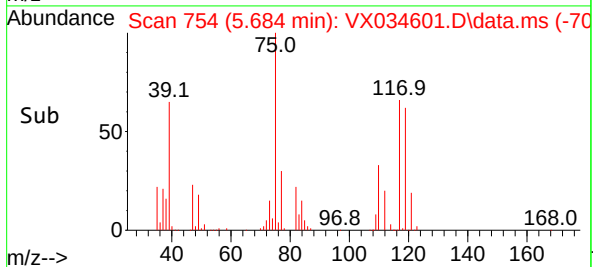
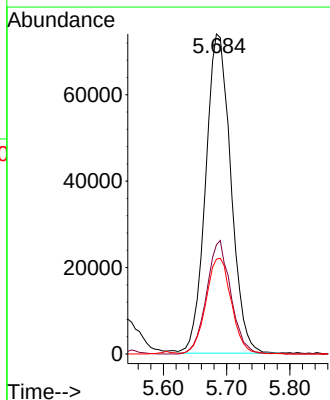
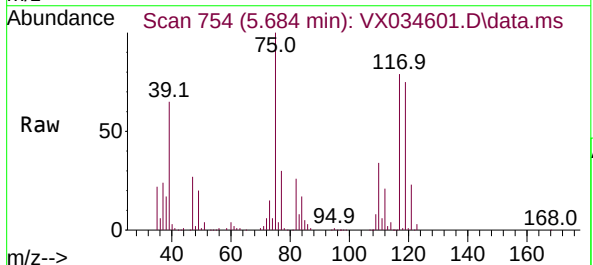
Manual Integrations
APPROVED

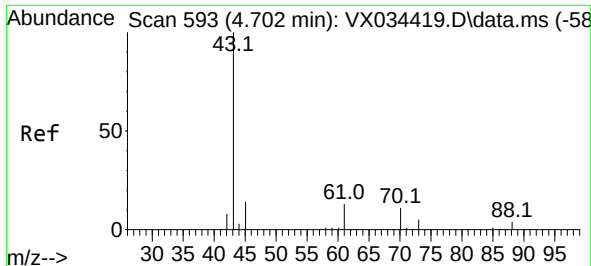
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#36
1,1-Dichloropropene
Concen: 46.645 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion: 75 Resp: 204298
Ion Ratio Lower Upper
75 100
110 34.1 17.5 52.5
77 30.0 24.3 36.5





#37

Ethyl Acetate

Concen: 50.296 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

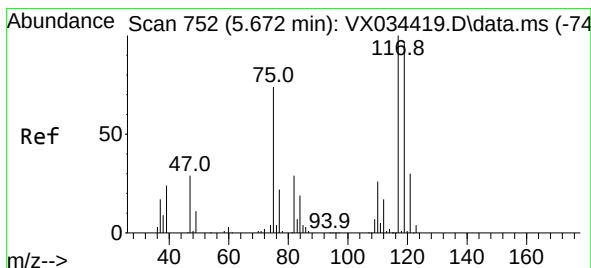
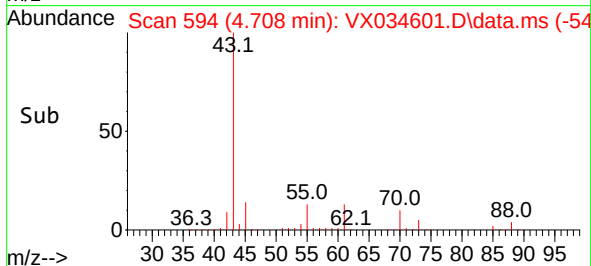
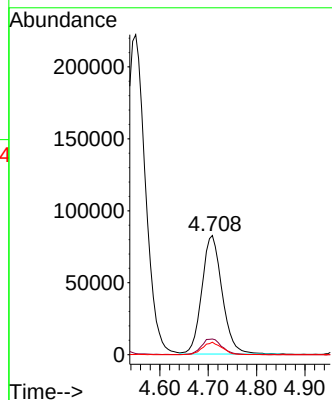
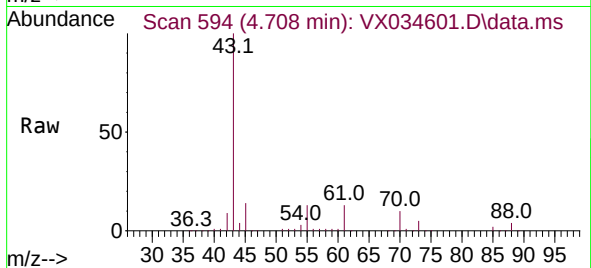
Tgt Ion: 43	Resp: 24066
Ion Ratio	Lower Upper
43 100	
61 13.1	10.2 15.4
70 10.1	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#38

Carbon Tetrachloride

Concen: 48.111 ug/l

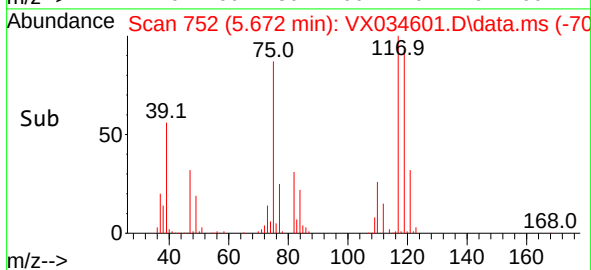
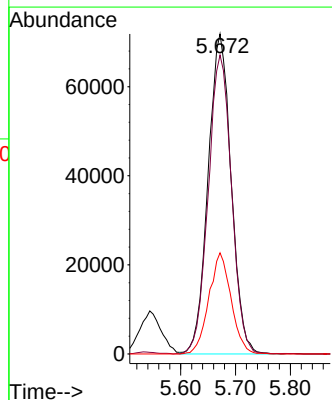
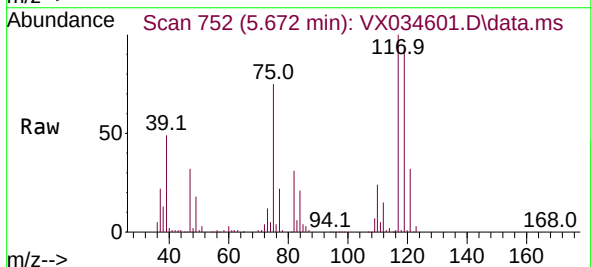
RT: 5.672 min Scan# 752

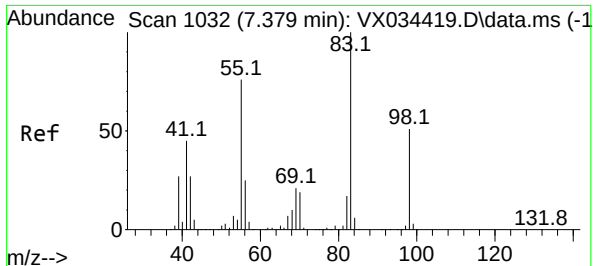
Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Tgt Ion:117	Resp: 209627
Ion Ratio	Lower Upper
117 100	
119 93.3	76.6 114.8
121 31.6	23.8 35.6





#39

Methylcyclohexane

Concen: 47.133 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 247048

Ion Ratio Lower Upper

83 100

55 79.7 60.5 90.7

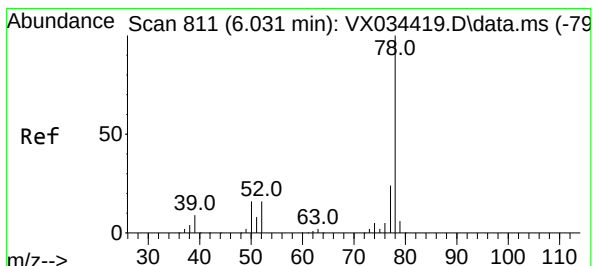
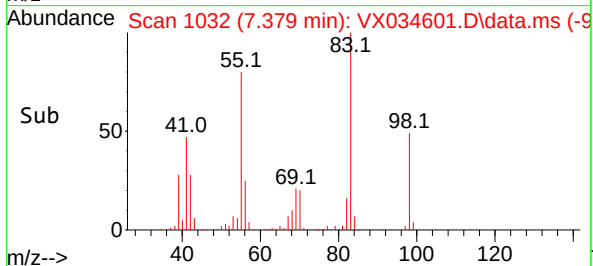
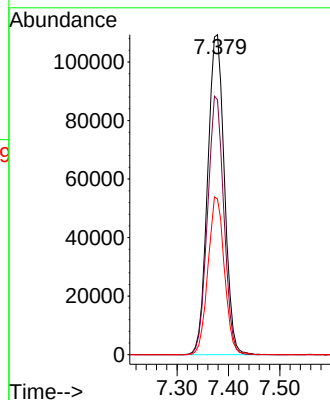
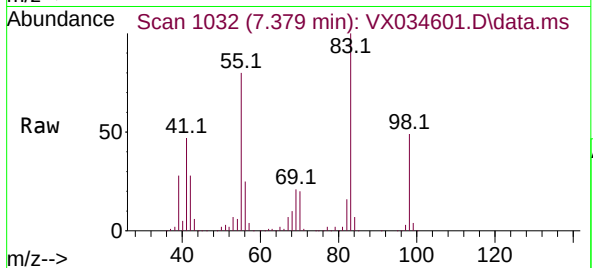
98 48.7 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

Benzene

Concen: 46.526 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX034601.D

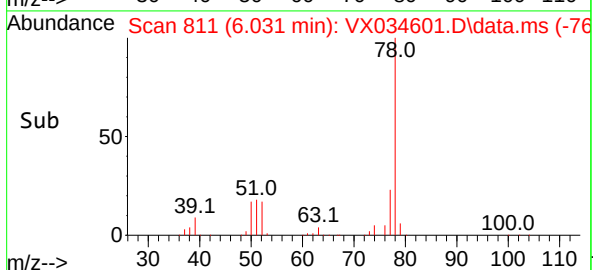
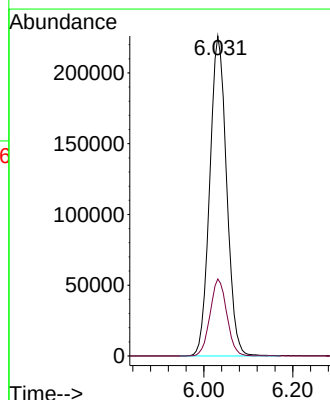
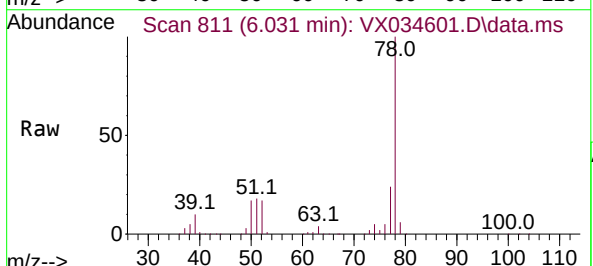
Acq: 18 Mar 2023 00:27

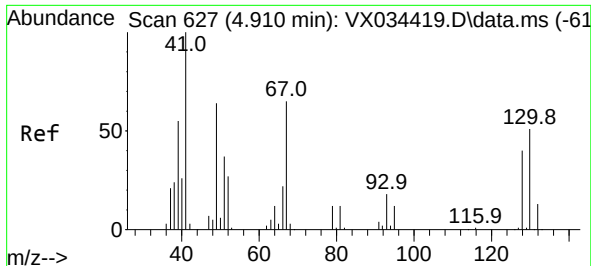
Tgt Ion: 78 Resp: 596119

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4





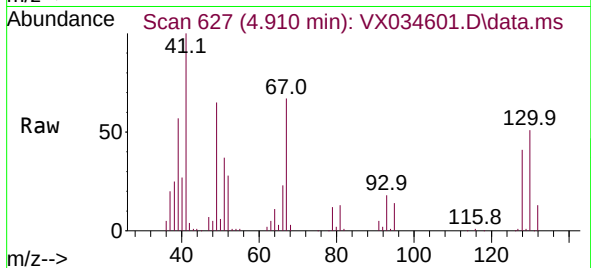
#41
Methacrylonitrile
Concen: 50.989 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



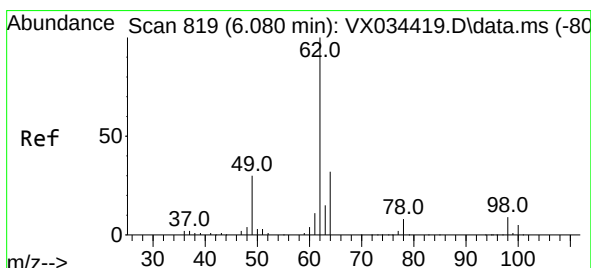
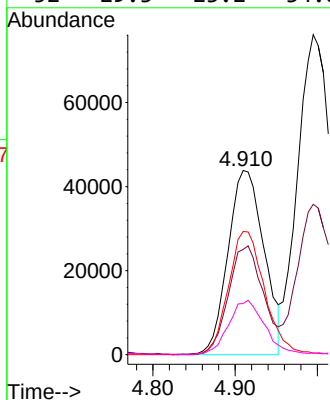
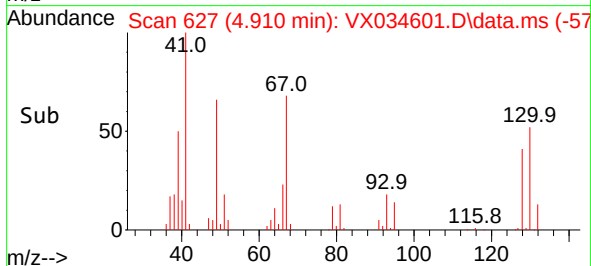
Tgt Ion:	41	Resp:	13370
Ion Ratio	100	Lower	Upper
39	57.3	45.0	67.6
67	67.3	55.6	83.4
52	29.3	23.2	34.8

Manual Integrations

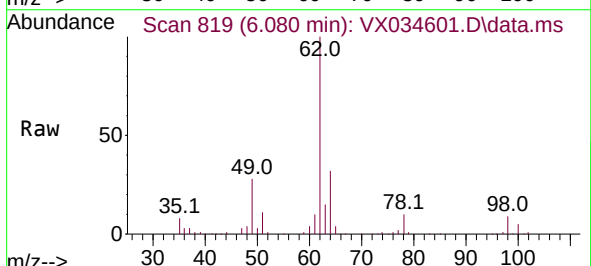
APPROVED

Reviewed By :John Carlone 03/20/2023

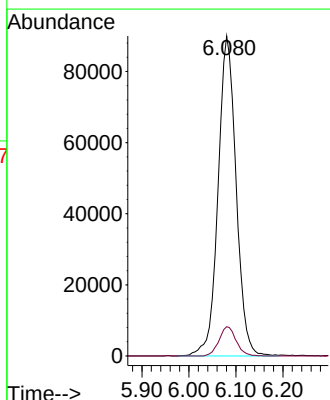
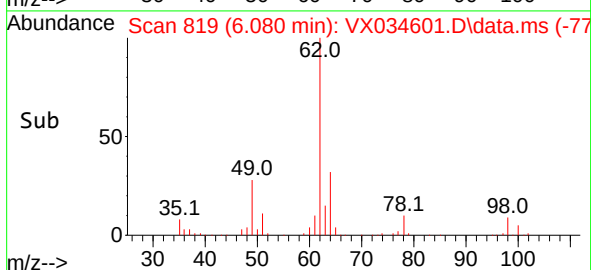
Supervised By :Mahesh Dadoda 03/20/2023

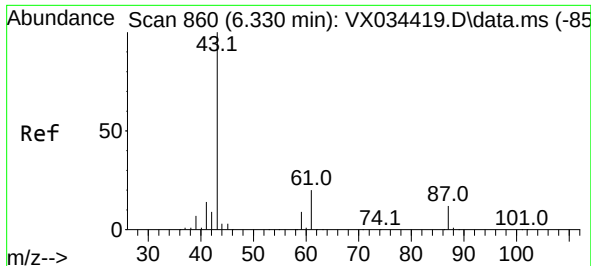


#42
1,2-Dichloroethane
Concen: 51.120 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27



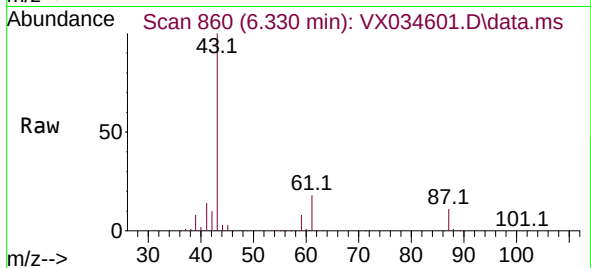
Tgt Ion:	62	Resp:	240718
Ion Ratio	100	Lower	Upper
98	8.7	0.0	18.0





#43
Isopropyl Acetate
Concen: 49.496 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

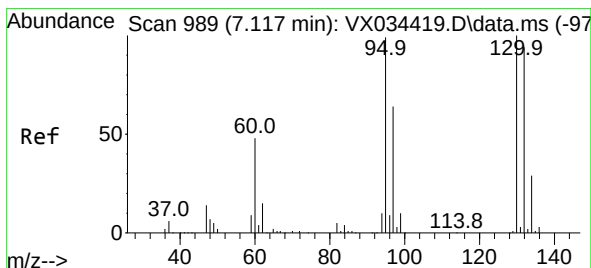
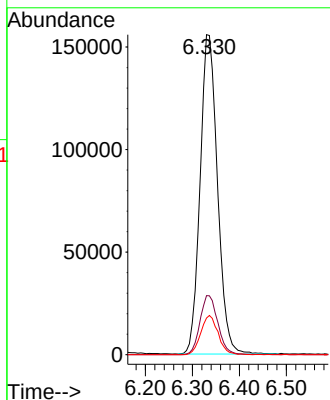
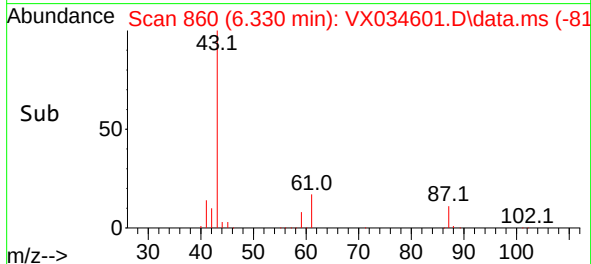
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 40121
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.2 9.8 14.8

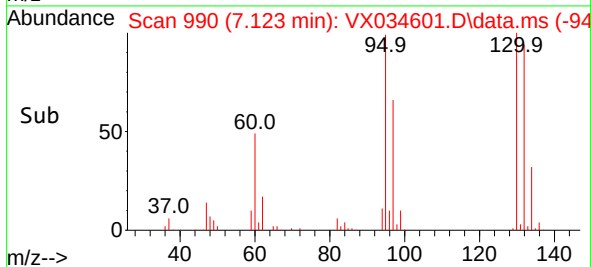
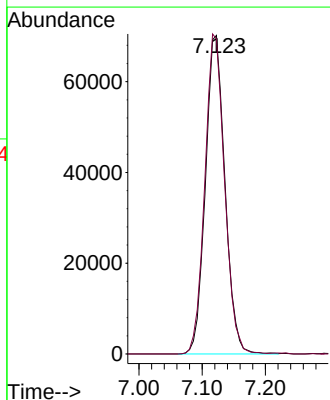
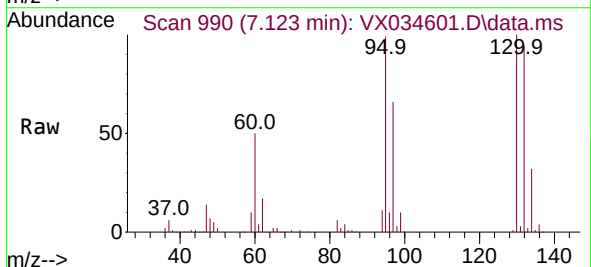
Manual Integrations
APPROVED

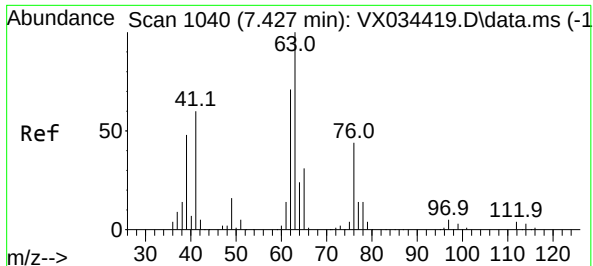
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#44
Trichloroethene
Concen: 45.297 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion:130 Resp: 150798
Ion Ratio Lower Upper
130 100
95 98.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 47.954 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 160428

Ion Ratio Lower Upper

63 100

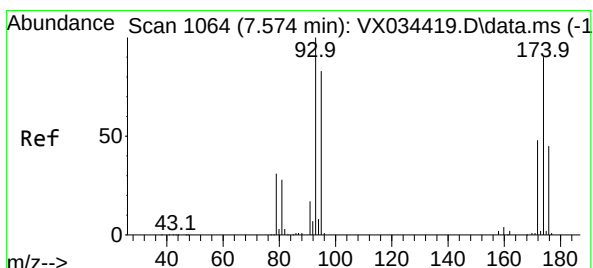
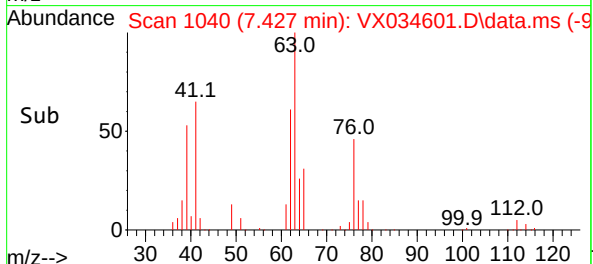
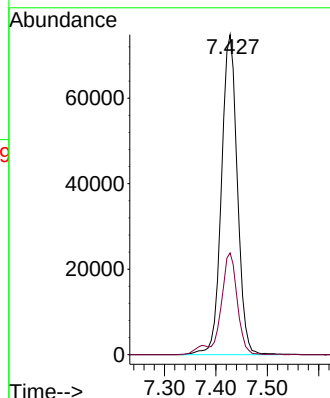
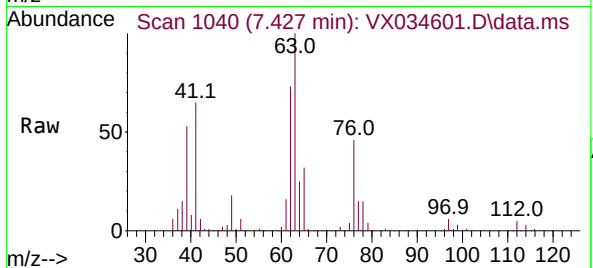
65 31.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 48.819 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

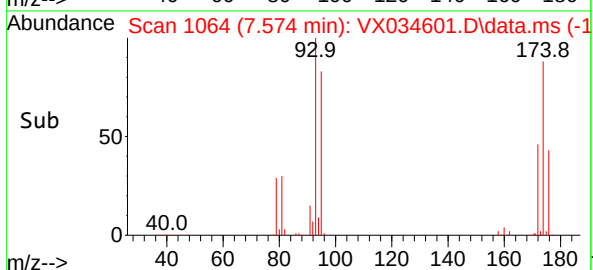
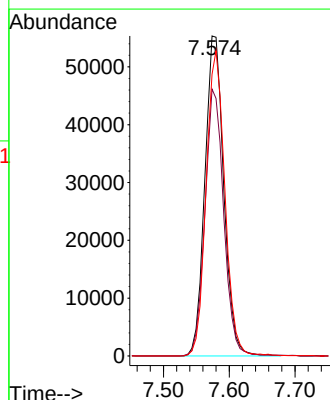
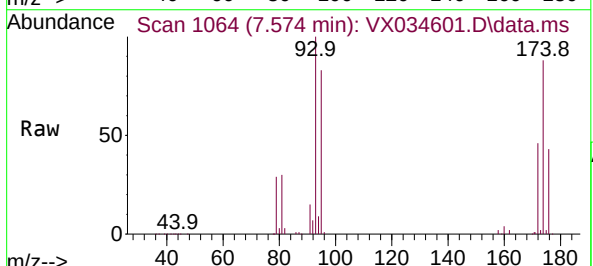
Tgt Ion: 93 Resp: 111035

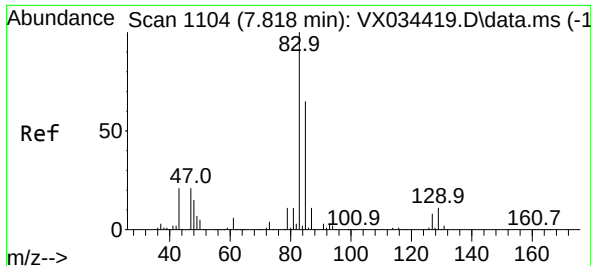
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

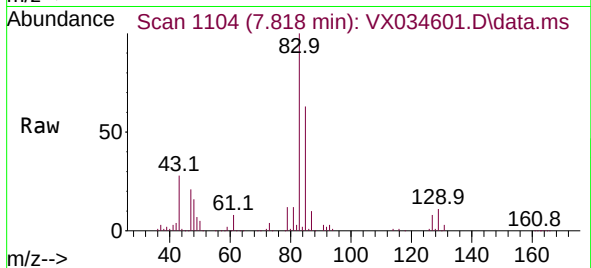
174 94.3 75.4 113.0





#47
Bromodichloromethane
Concen: 49.471 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

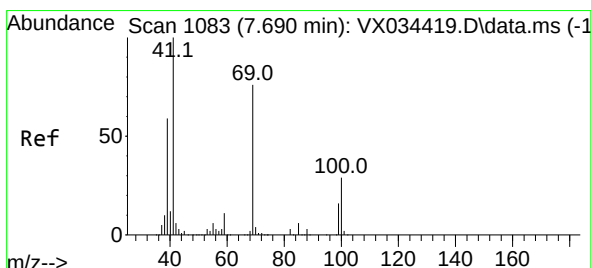
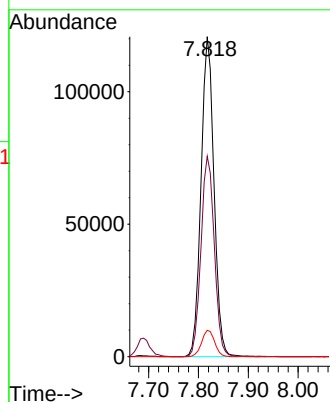
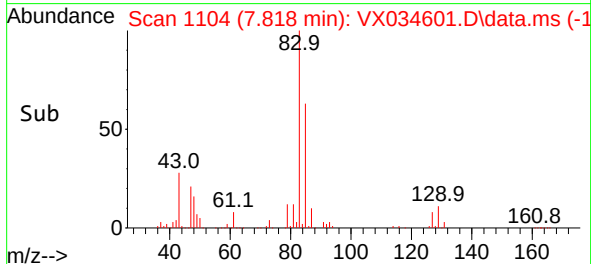
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 21776
Ion Ratio Lower Upper
83 100
85 62.6 52.2 78.4
127 8.3 6.6 9.8

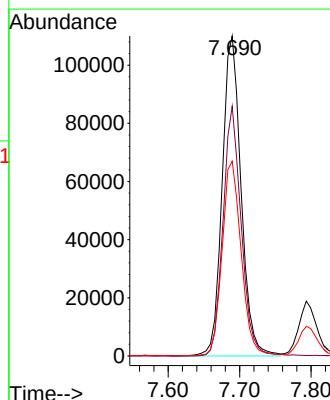
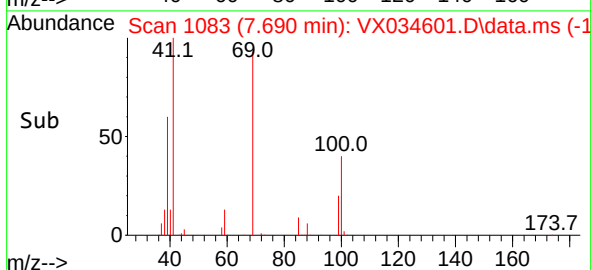
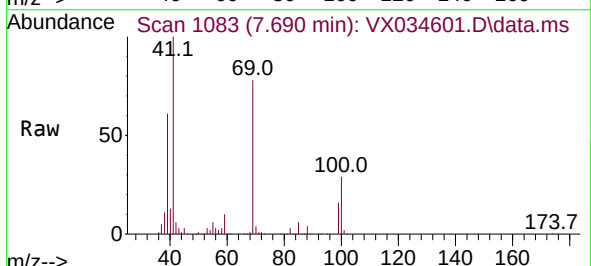
Manual Integrations
APPROVED

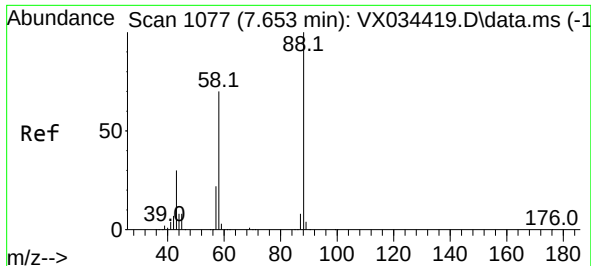
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#48
Methyl methacrylate
Concen: 51.799 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion: 41 Resp: 201938
Ion Ratio Lower Upper
41 100
69 75.4 62.2 93.4
39 61.7 47.7 71.5





#49

1,4-Dioxane

Concen: 1124.196 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

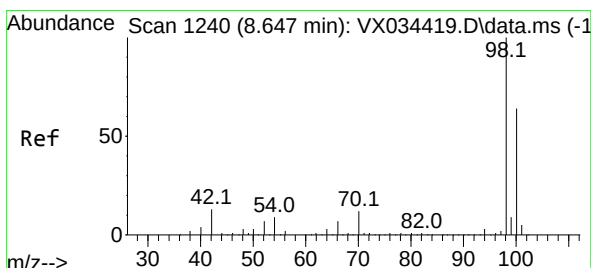
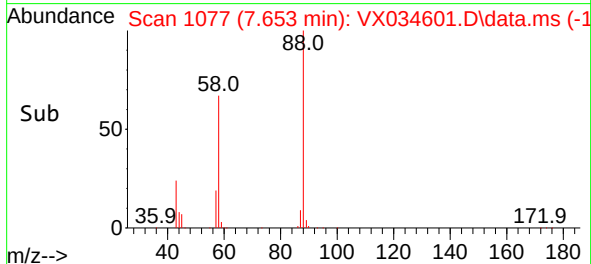
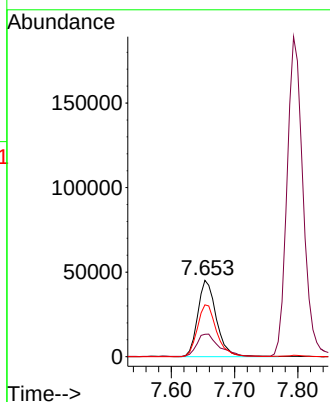
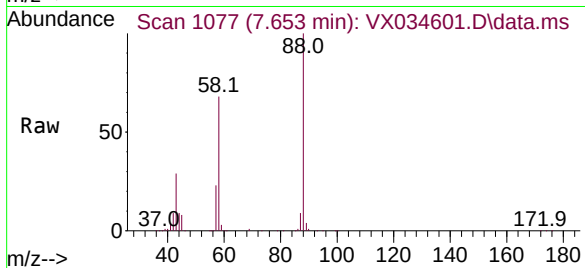
Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.2	27.7	41.5
58	70.5	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#50

Toluene-d8

Concen: 54.863 ug/l

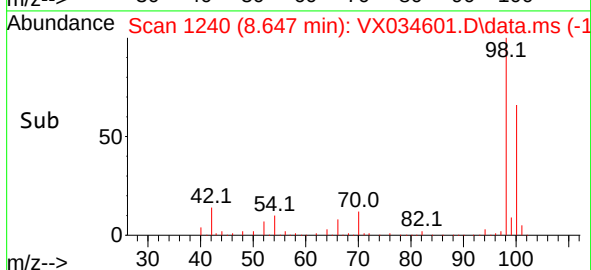
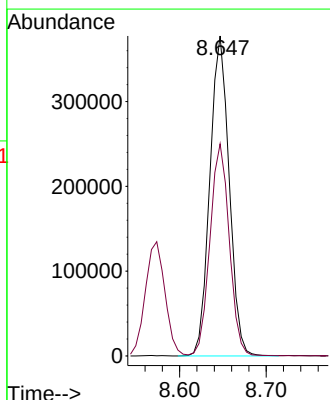
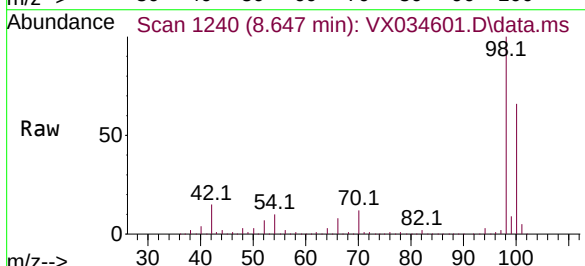
RT: 8.647 min Scan# 1240

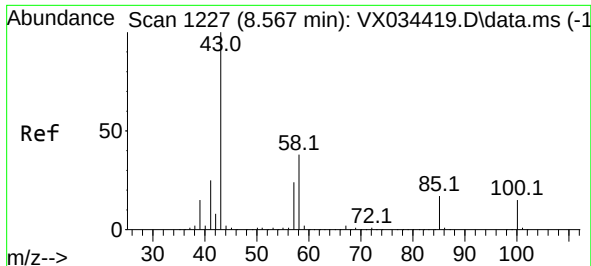
Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 300.228 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

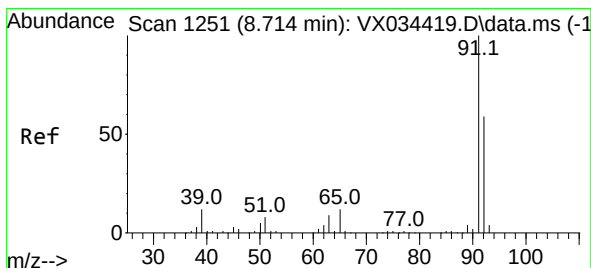
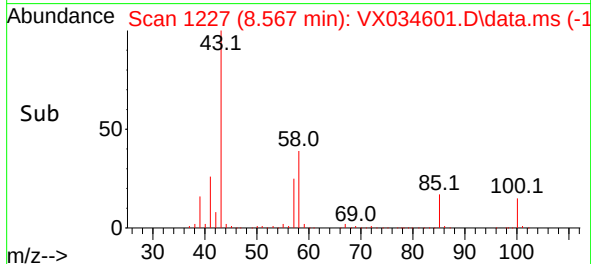
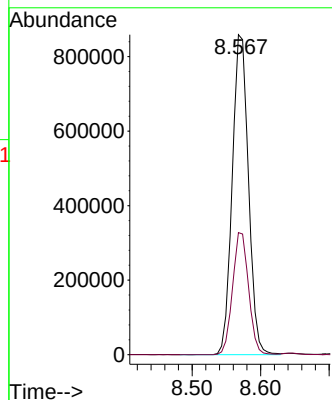
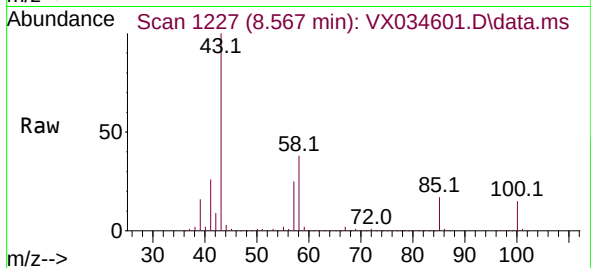
VSTDCCC050

Tgt Ion: 43 Resp: 141176
Ion Ratio Lower Upper
43 100
58 37.7 30.6 46.0

Manual Integrations

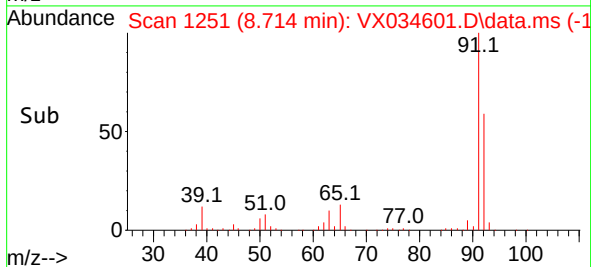
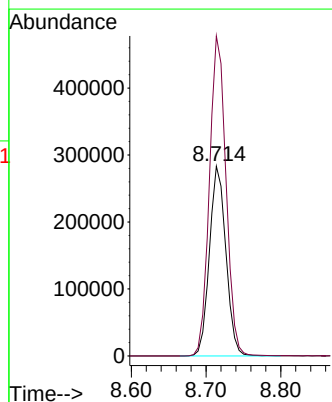
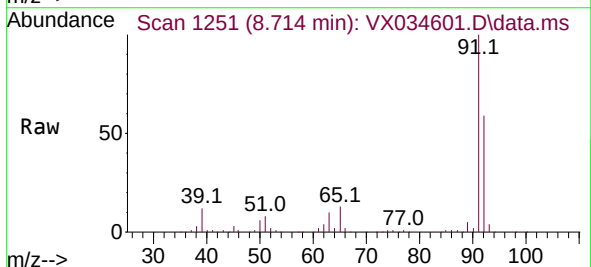
APPROVED

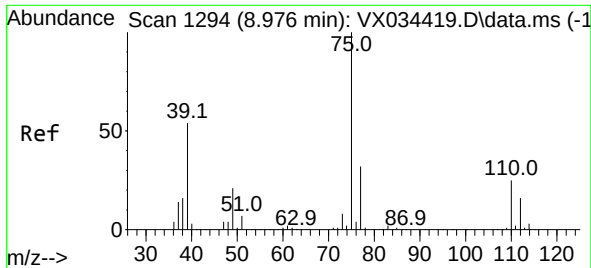
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#52
Toluene
Concen: 54.600 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion: 92 Resp: 433111
Ion Ratio Lower Upper
92 100
91 169.9 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 55.756 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

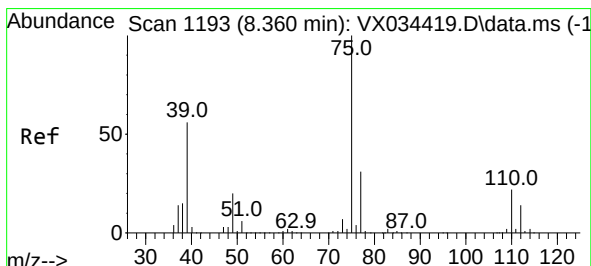
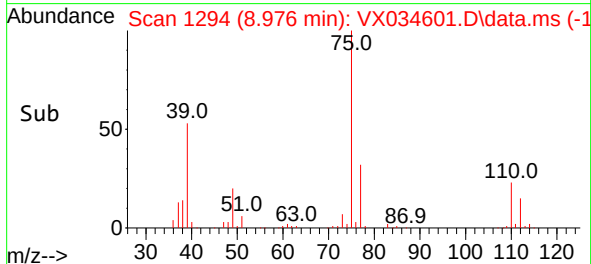
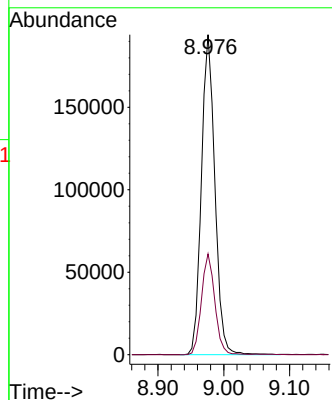
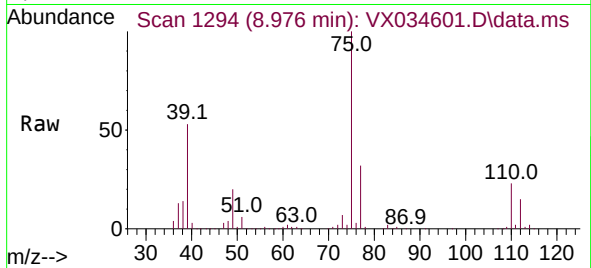
VSTDCCC050

Tgt Ion: 75 Resp: 276502
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

Manual Integrations

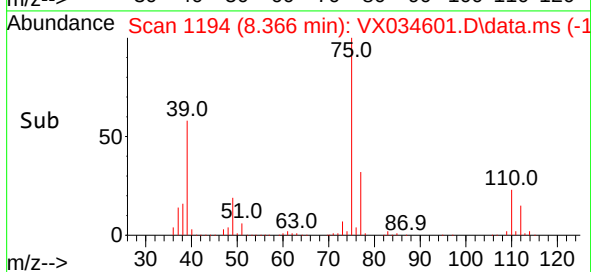
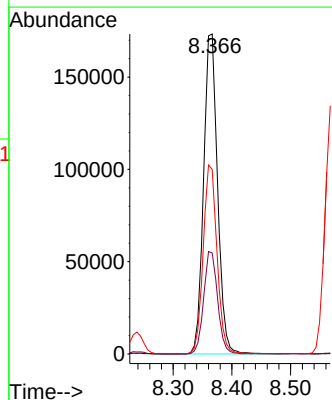
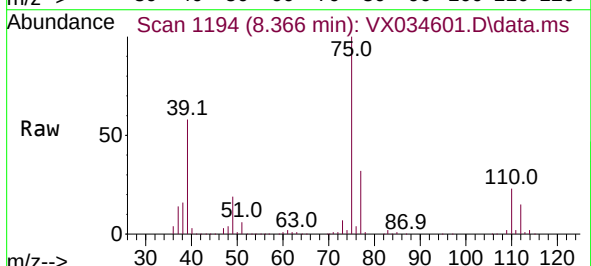
APPROVED

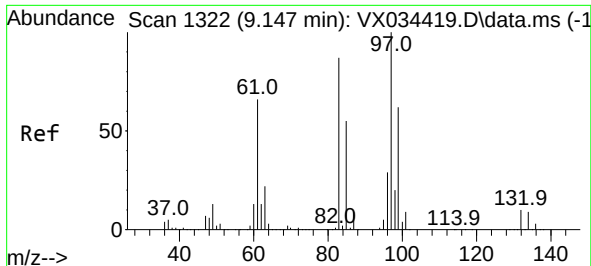
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#54
cis-1,3-Dichloropropene
Concen: 53.435 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion: 75 Resp: 286692
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 57.6 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 57.793 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 181939

Ion Ratio Lower Upper

97 100

83 83.0 69.7 104.5

85 56.9 43.7 65.5

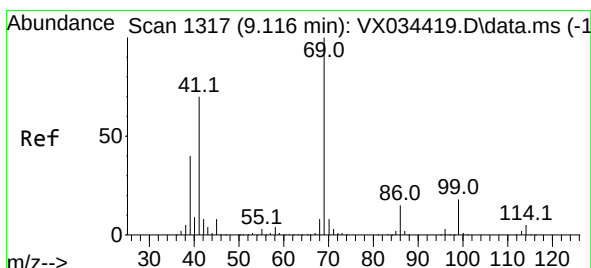
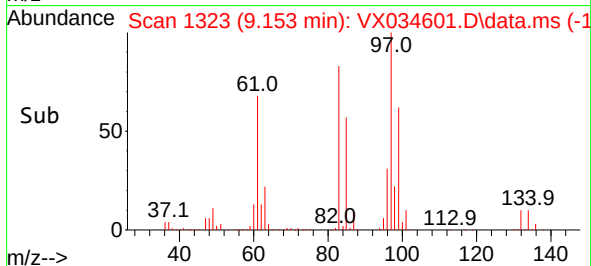
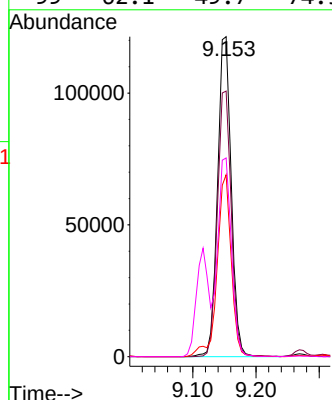
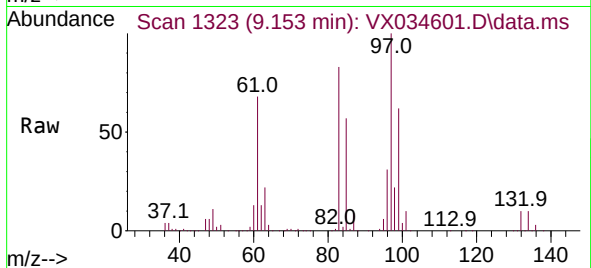
99 62.1 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#56

Ethyl methacrylate

Concen: 57.655 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

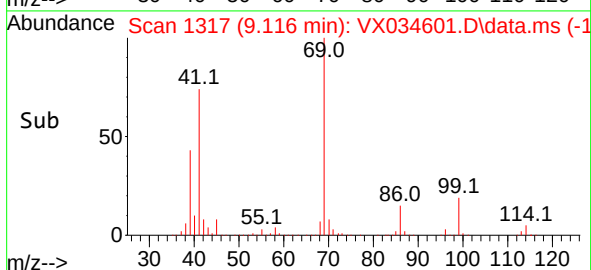
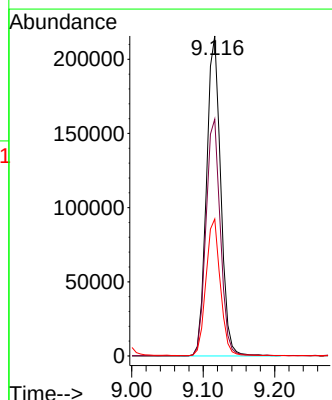
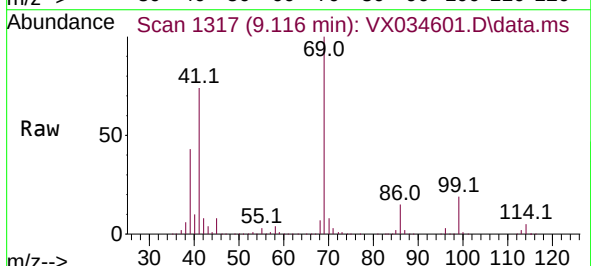
Tgt Ion: 69 Resp: 298011

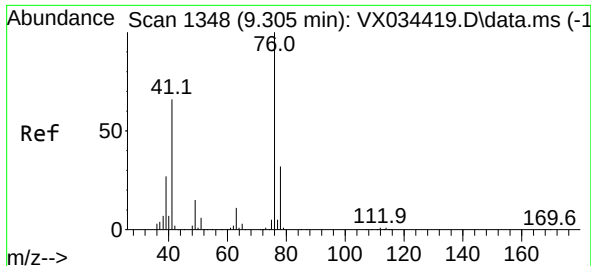
Ion Ratio Lower Upper

69 100

41 75.0 57.4 86.0

39 43.3 33.7 50.5





#57

1,3-Dichloropropane

Concen: 57.136 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 31968

Ion Ratio Lower Upper

76 100

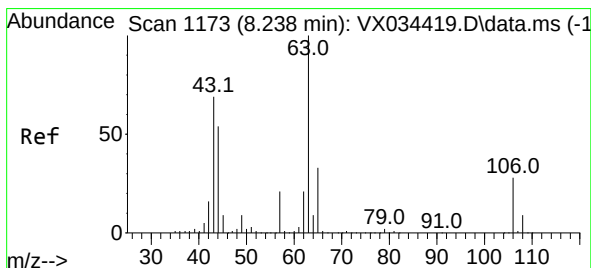
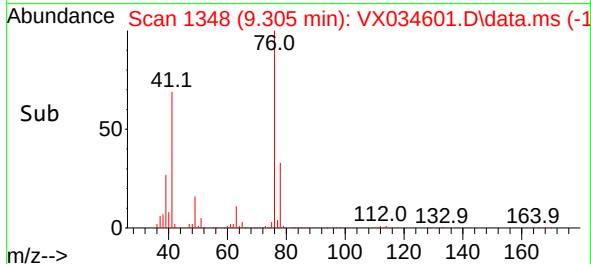
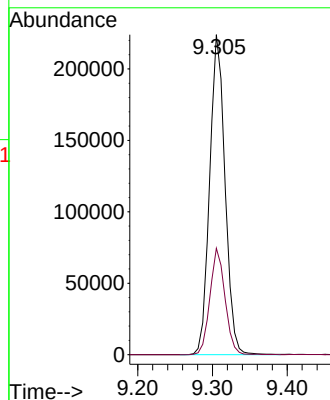
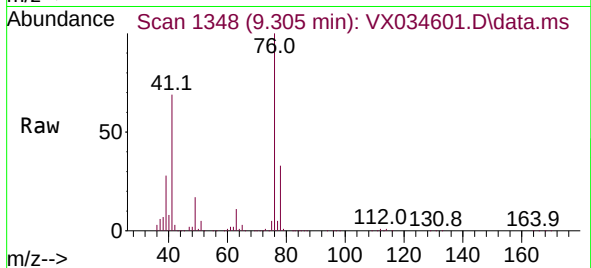
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 269.766 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034601.D

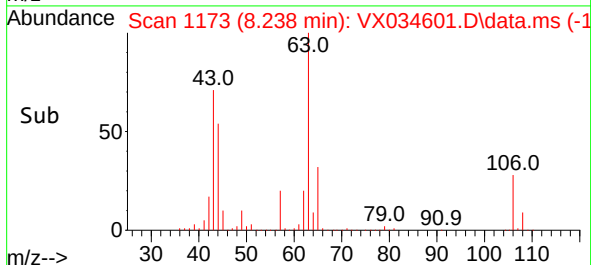
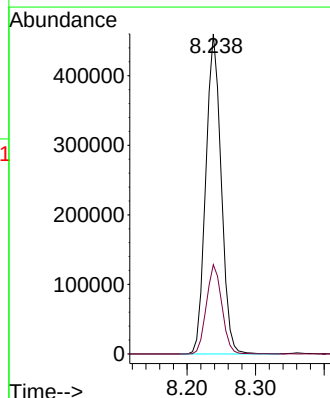
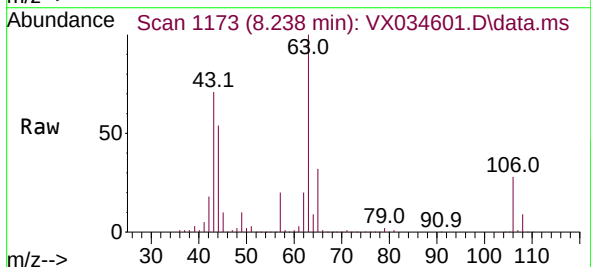
Acq: 18 Mar 2023 00:27

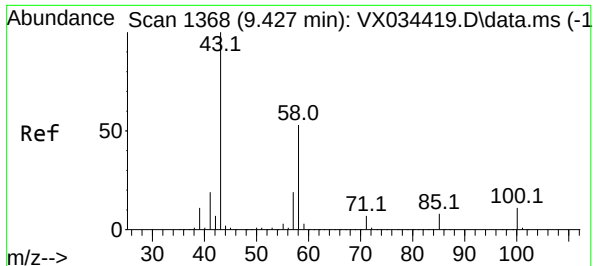
Tgt Ion: 63 Resp: 718606

Ion Ratio Lower Upper

63 100

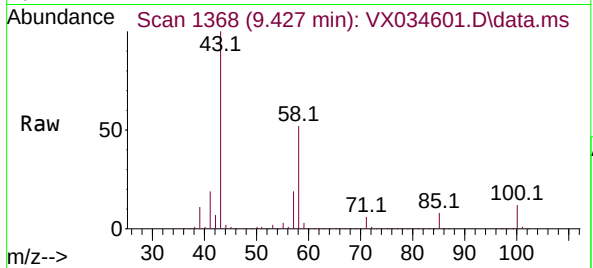
106 28.0 22.2 33.2





#59
2-Hexanone
Concen: 302.302 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

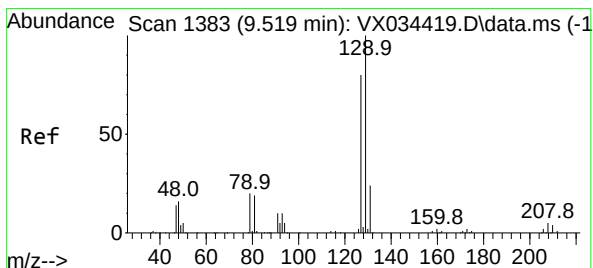
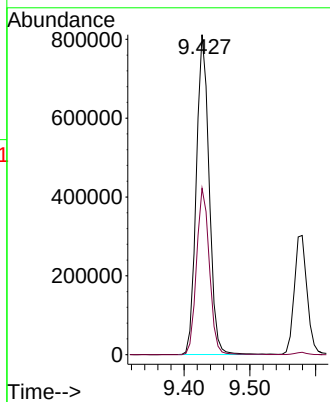
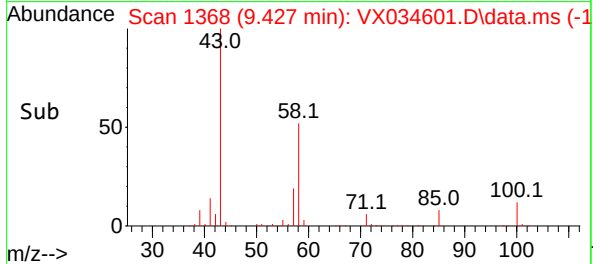
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 109885
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9

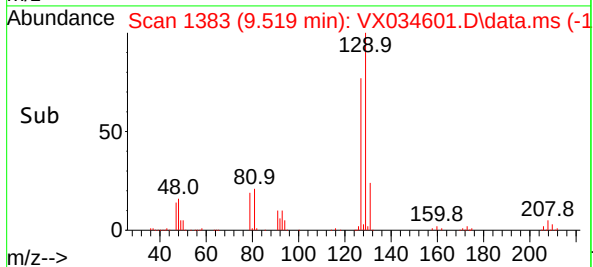
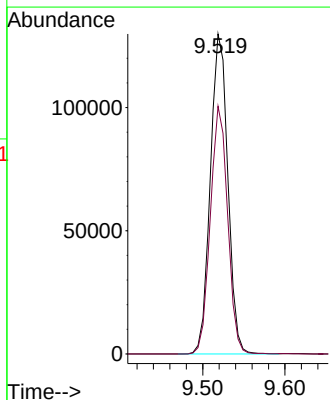
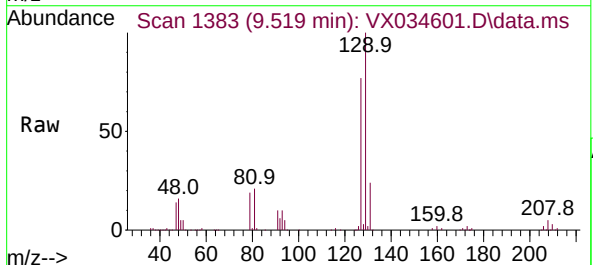
Manual Integrations
APPROVED

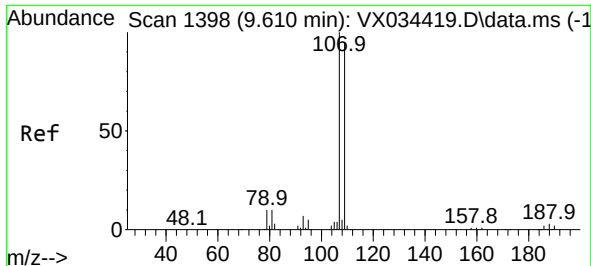
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#60
Dibromochloromethane
Concen: 58.127 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

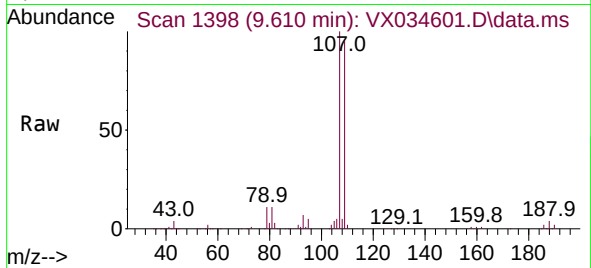
Tgt Ion:129 Resp: 191918
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 55.699 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

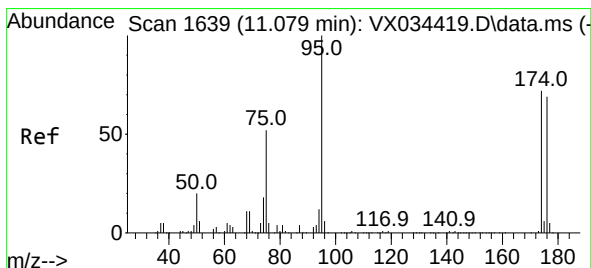
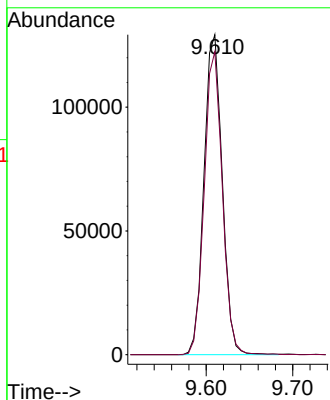
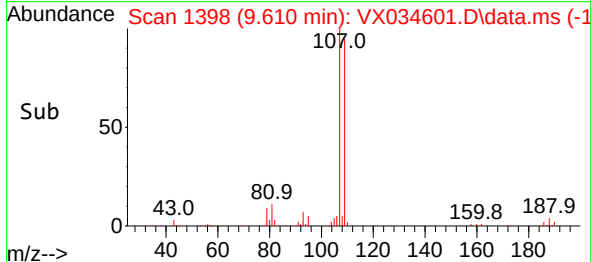
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 189218
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9

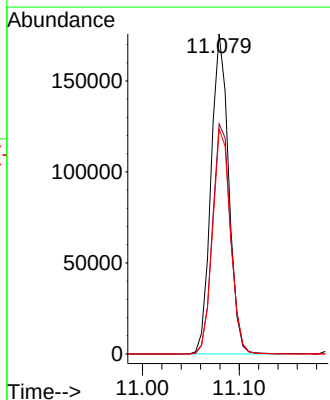
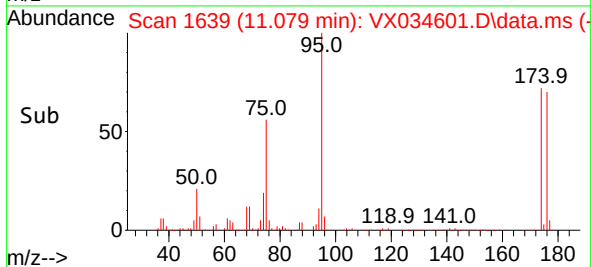
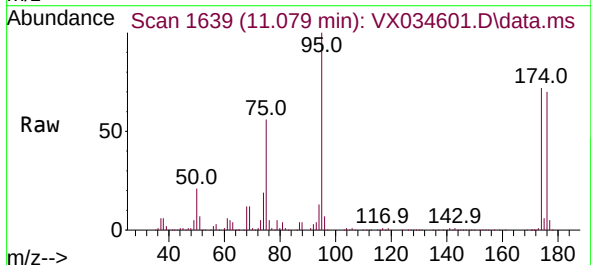
Manual Integrations
APPROVED

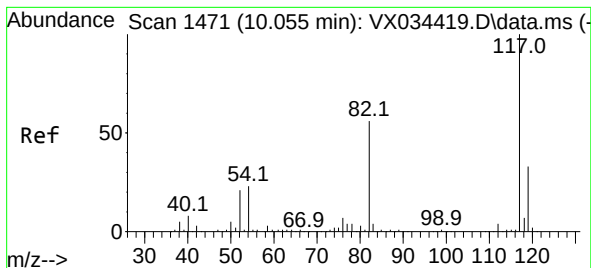
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#62
4-Bromofluorobenzene
Concen: 51.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

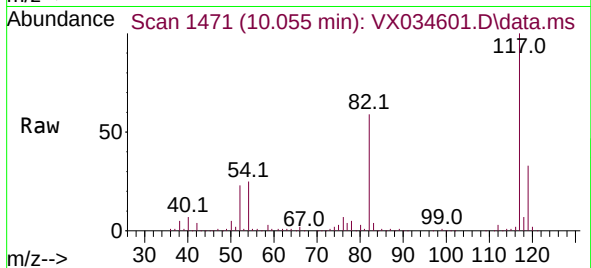
Tgt Ion: 95 Resp: 222902
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.4
176 71.3 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

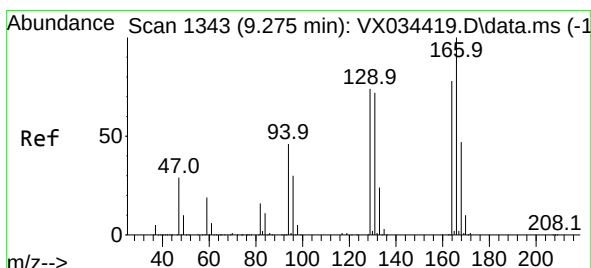
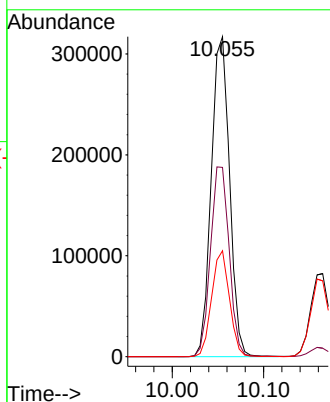
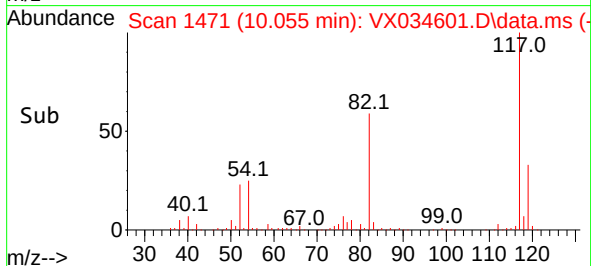
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 440597
Ion Ratio Lower Upper
117 100
82 59.1 45.0 67.4
119 33.1 26.0 39.0

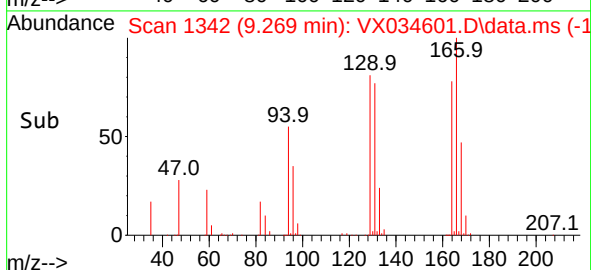
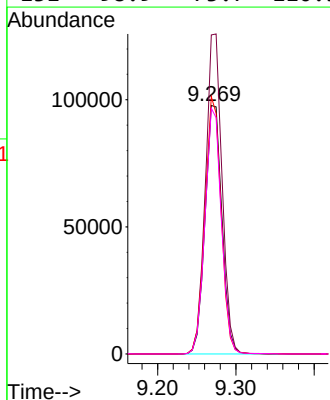
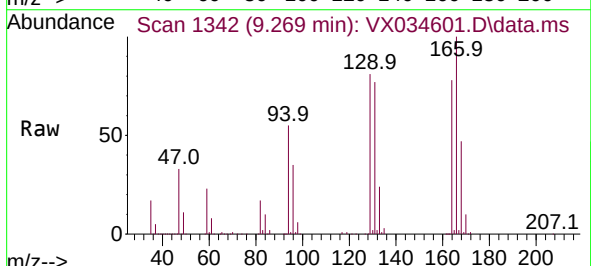
Manual Integrations
APPROVED

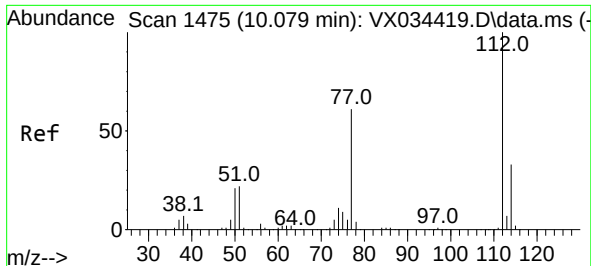
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#64
Tetrachloroethene
Concen: 49.172 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion:164 Resp: 145531
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 103.5 75.6 113.4
131 98.9 73.7 110.5





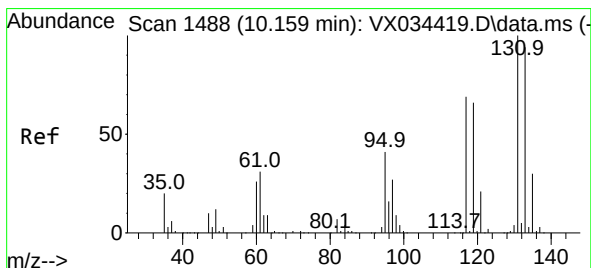
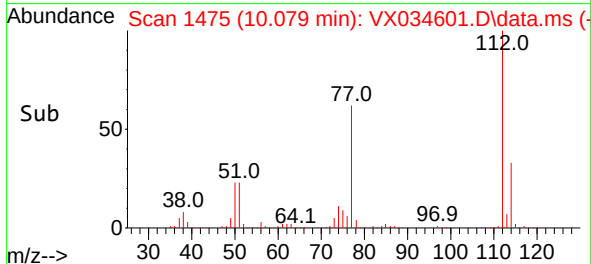
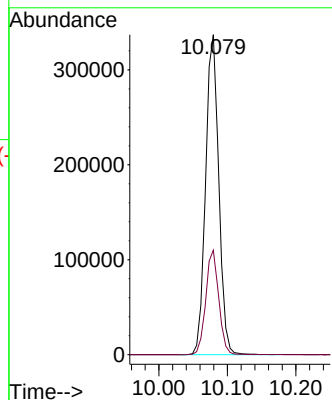
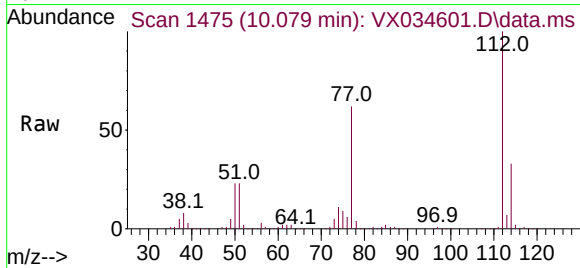
#65
Chlorobenzene
Concen: 46.638 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 450850
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

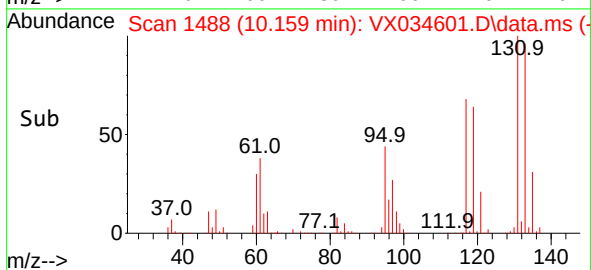
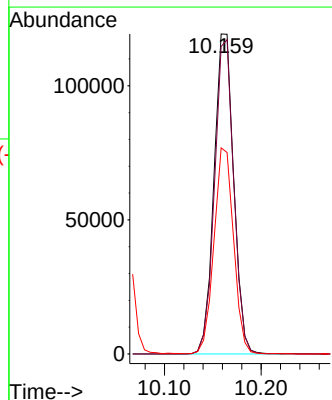
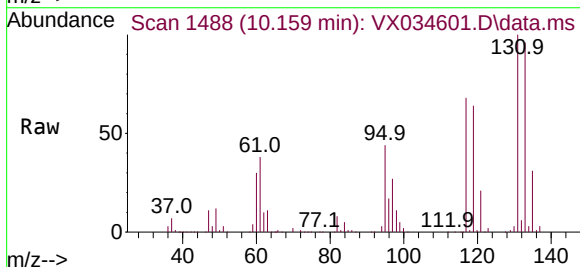
Manual Integrations
APPROVED

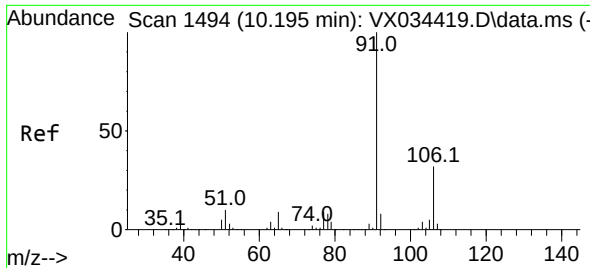
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.826 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

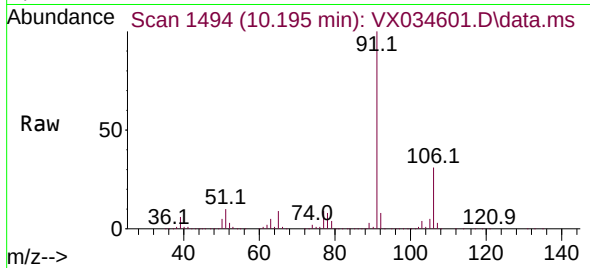
Tgt Ion:131 Resp: 168387
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 64.0 32.6 98.0





#67
Ethyl Benzene
Concen: 48.436 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

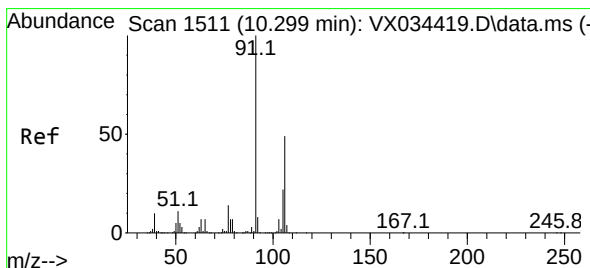
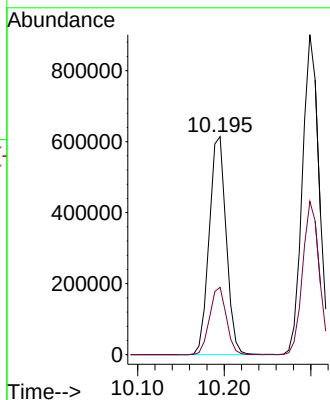
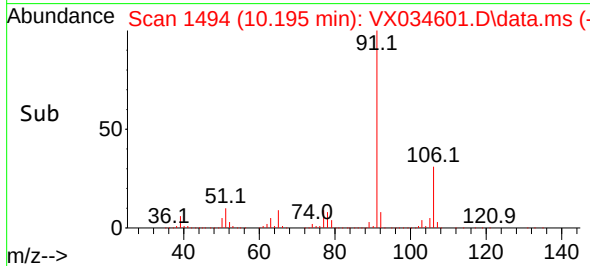
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



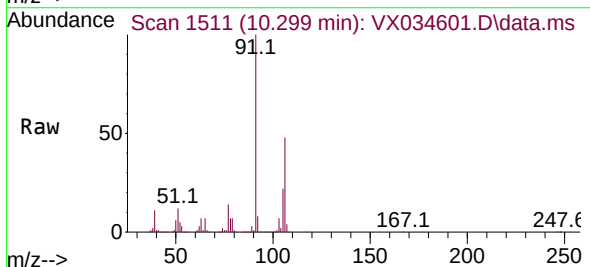
Tgt Ion: 91 Resp: 838240
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

Manual Integrations
APPROVED

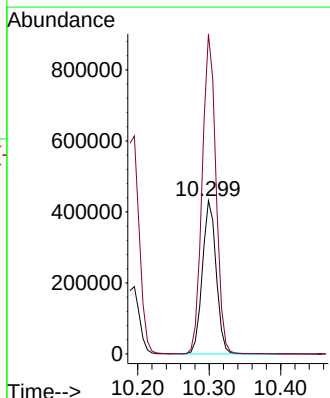
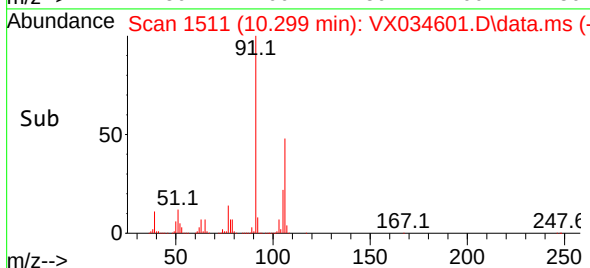
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

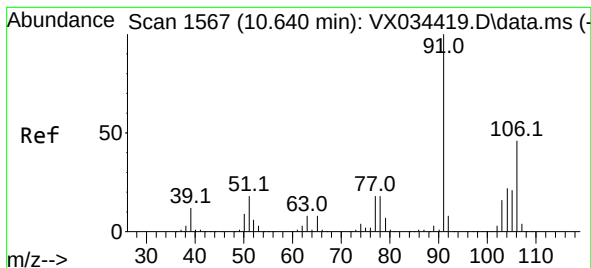


#68
m/p-Xylenes
Concen: 86.951 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27



Tgt Ion:106 Resp: 578052
Ion Ratio Lower Upper
106 100
91 208.7 164.0 246.0





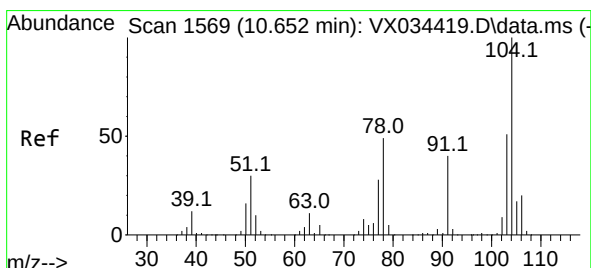
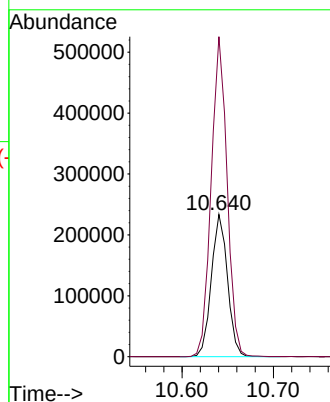
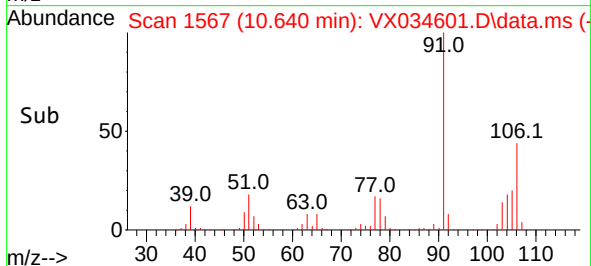
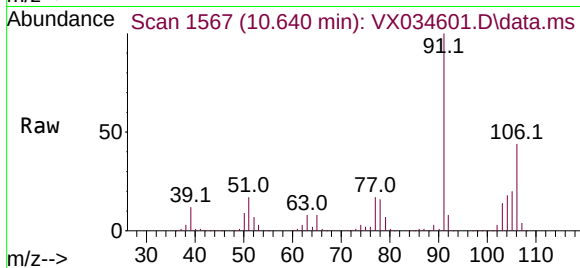
#69
o-Xylene
Concen: 42.821 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 285680
Ion Ratio Lower Upper
106 100
91 221.8 108.5 325.3

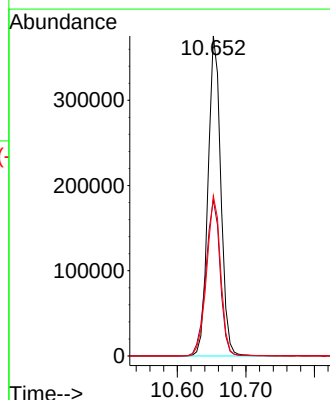
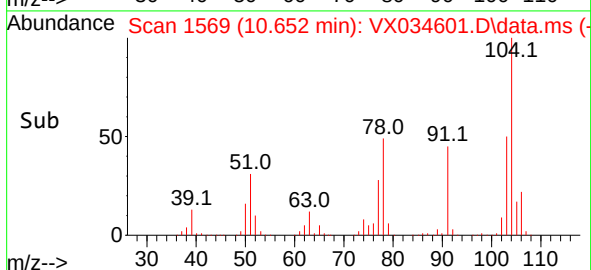
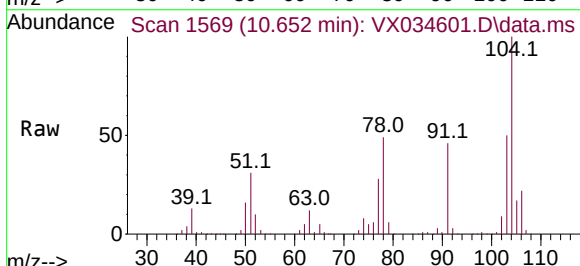
Manual Integrations
APPROVED

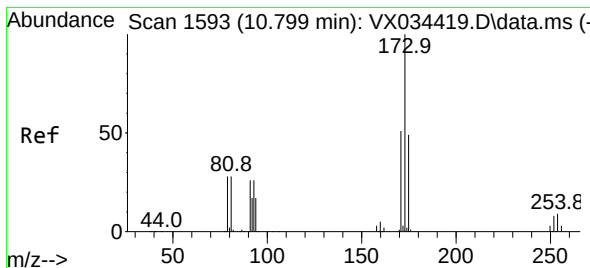
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 45.285 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion:104 Resp: 487440
Ion Ratio Lower Upper
104 100
78 54.8 43.4 65.2
103 54.6 44.2 66.2





#71

Bromoform

Concen: 43.756 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 11858

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

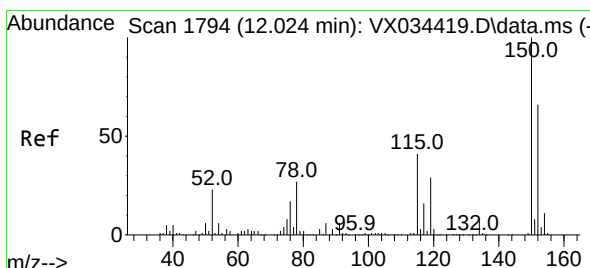
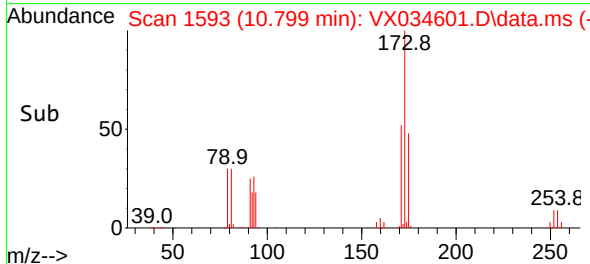
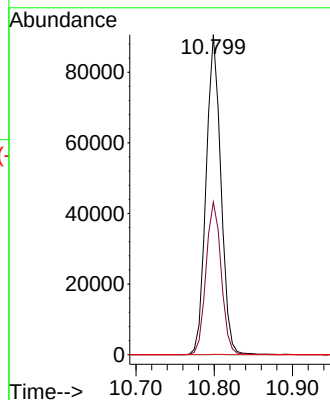
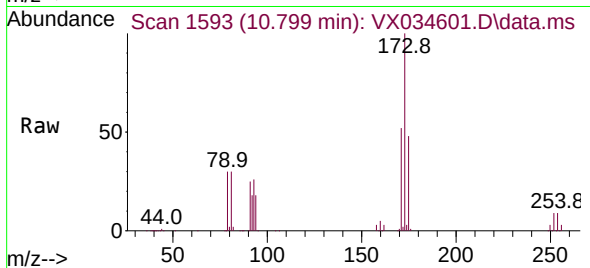
254 0.1 0.1 0.1

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: VX034601.D

Acq: 18 Mar 2023 00:27

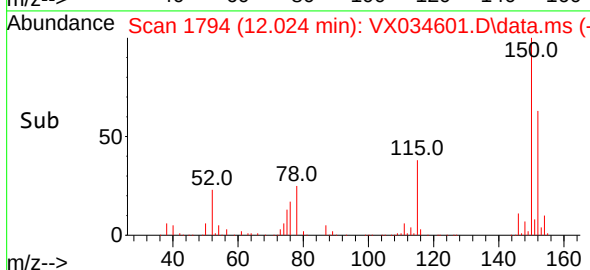
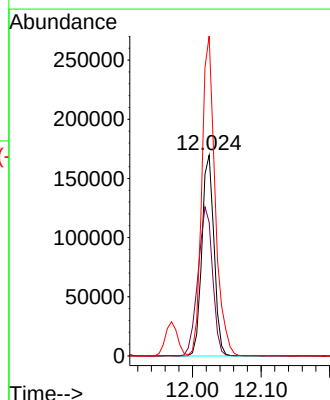
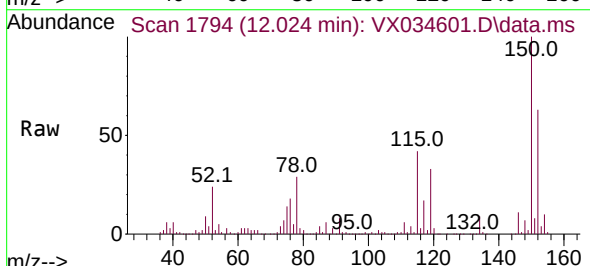
Tgt Ion:152 Resp: 209463

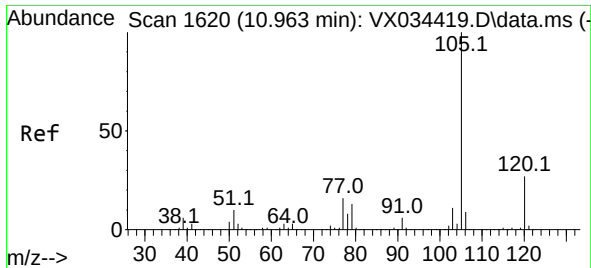
Ion Ratio Lower Upper

152 100

115 89.1 45.0 135.0

150 174.3 0.0 352.4





#73
Isopropylbenzene
Concen: 47.397 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

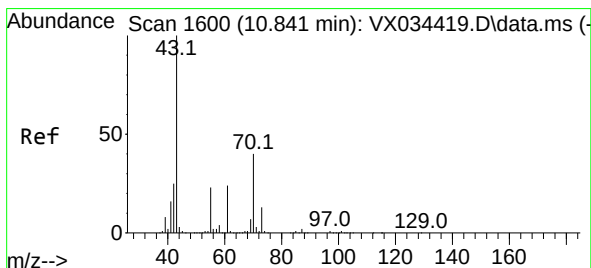
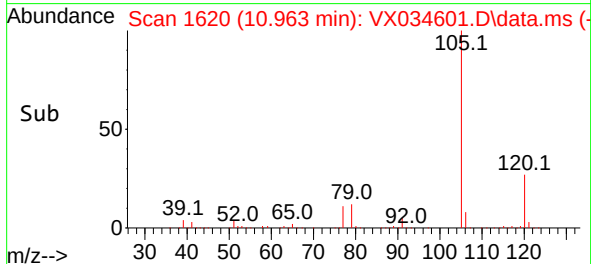
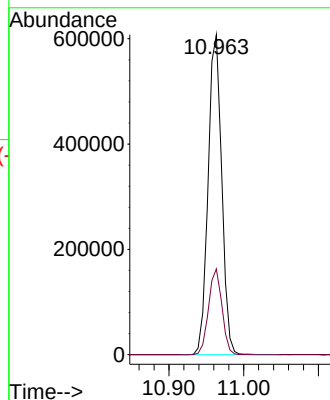
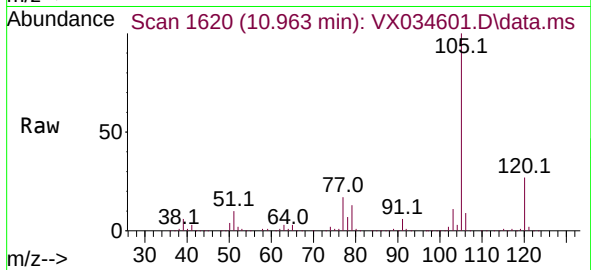
VSTDCCC050

Tgt Ion:105 Resp: 76730
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations

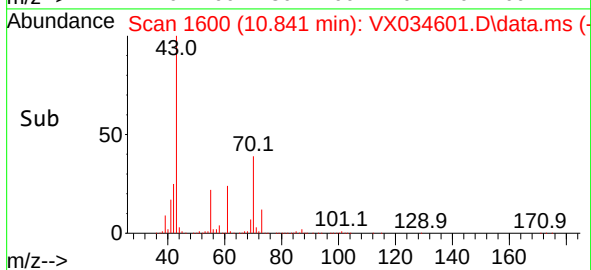
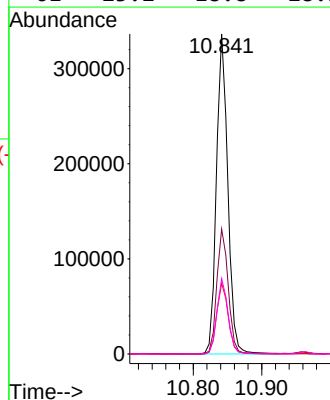
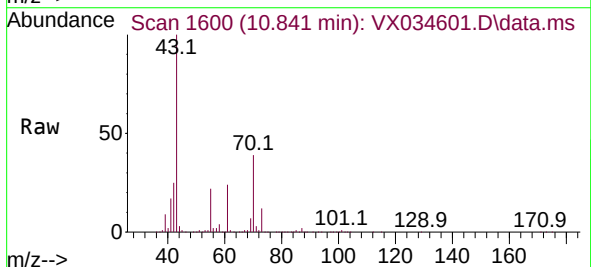
APPROVED

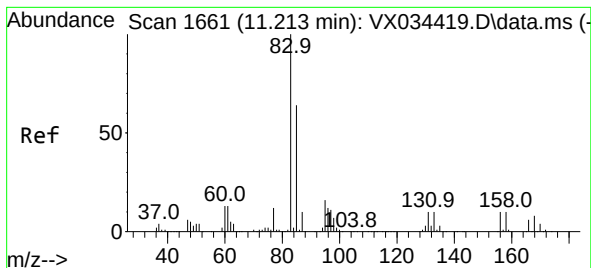
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#74
N-ethyl acetate
Concen: 49.821 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

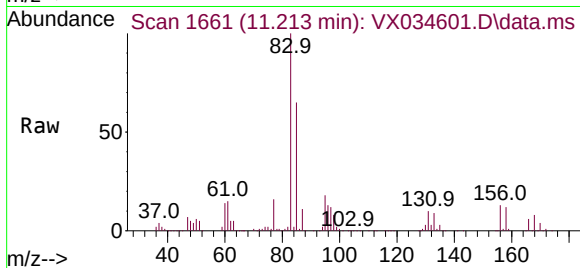
Tgt Ion: 43 Resp: 386312
Ion Ratio Lower Upper
43 100
70 39.4 32.1 48.1
55 22.6 18.3 27.5
61 23.2 18.8 28.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.573 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX034601.D
 Acq: 18 Mar 2023 00:27

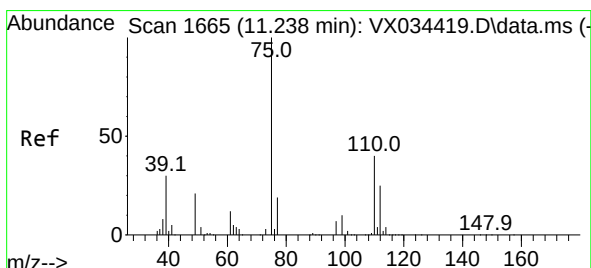
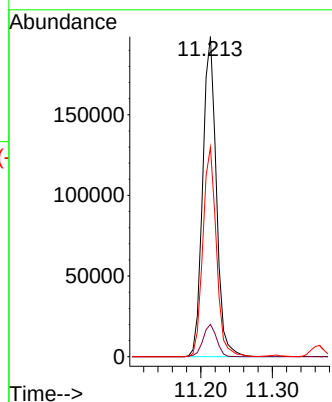
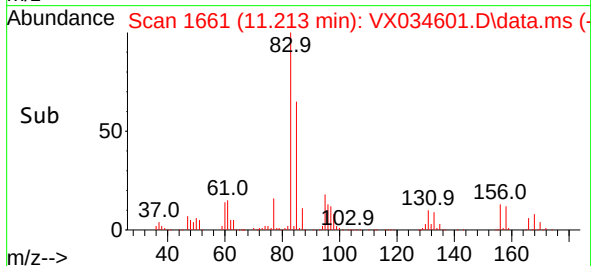
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



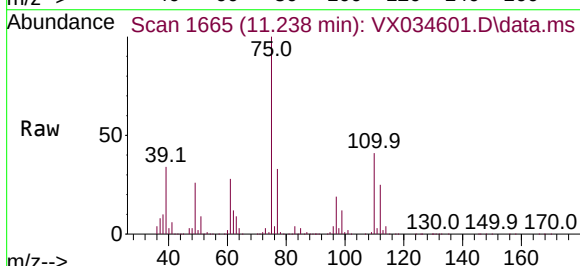
Tgt Ion: 83 Resp: 262398
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.8 14.3
 85 64.9 32.0 96.0

Manual Integrations
 APPROVED

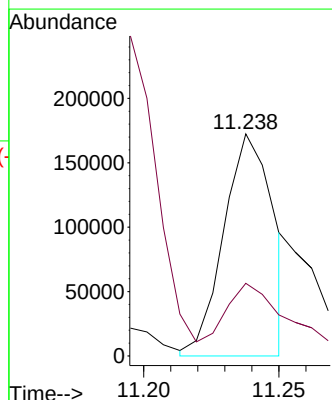
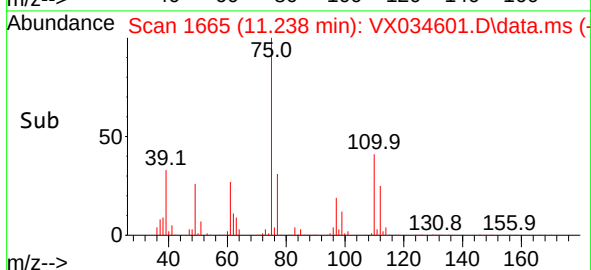
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

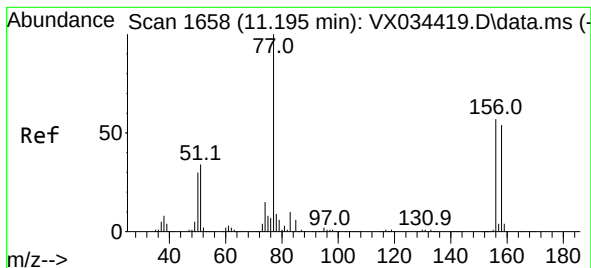


#76
 1,2,3-Trichloropropane
 Concen: 45.717 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX034601.D
 Acq: 18 Mar 2023 00:27



Tgt Ion: 75 Resp: 219876
 Ion Ratio Lower Upper
 75 100
 77 43.0 21.6 64.8





#77

Bromobenzene

Concen: 46.976 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 182459

Ion Ratio Lower Upper

156 100

77 175.0 86.7 259.9

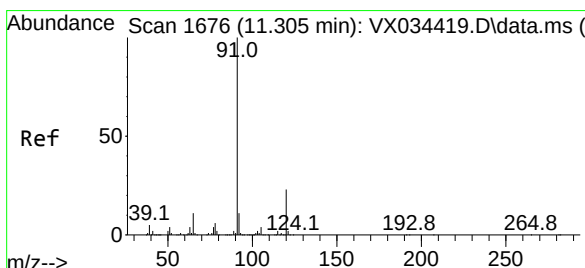
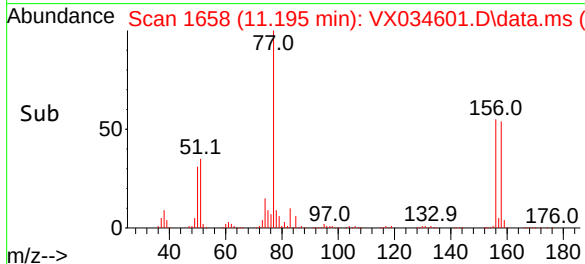
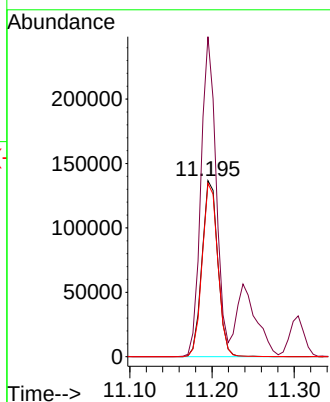
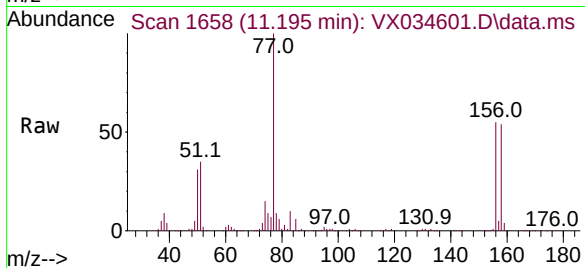
158 97.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#78

n-propylbenzene

Concen: 48.816 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034601.D

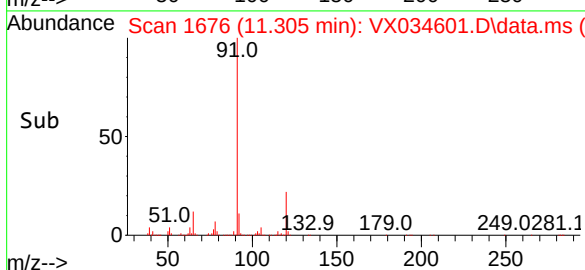
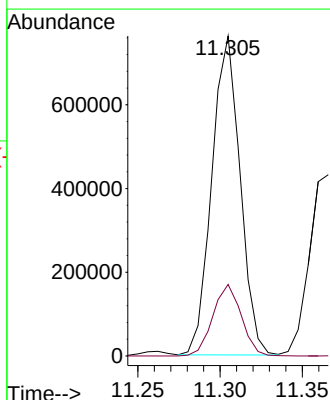
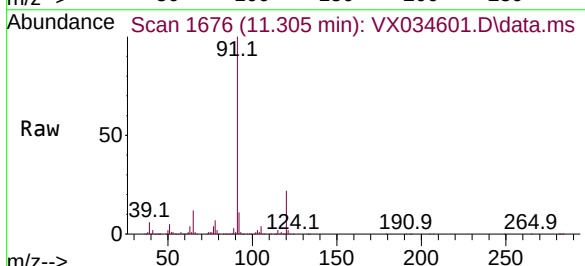
Acq: 18 Mar 2023 00:27

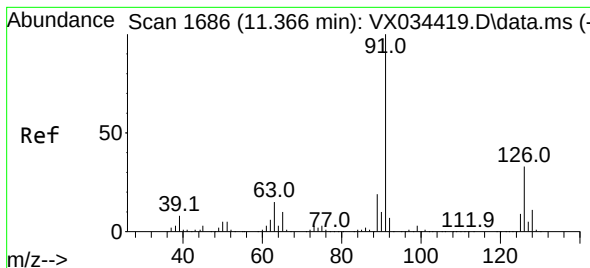
Tgt Ion: 91 Resp: 912680

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.5





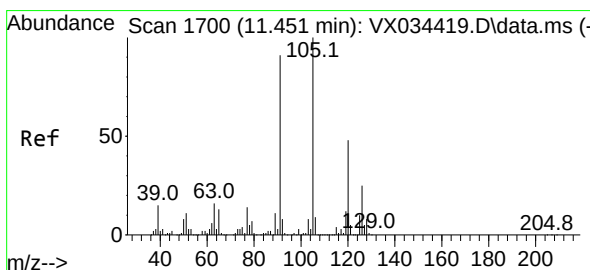
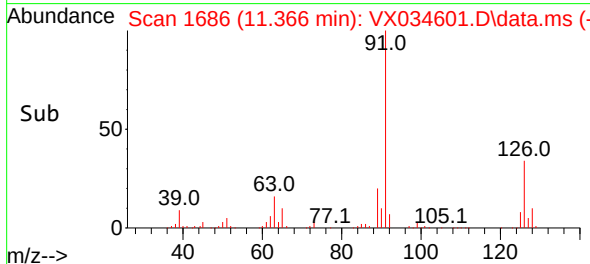
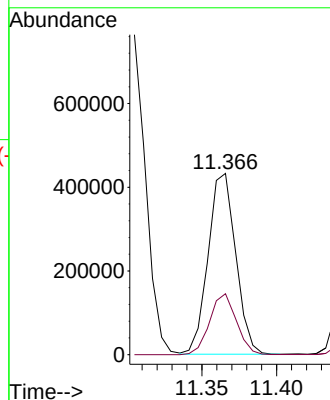
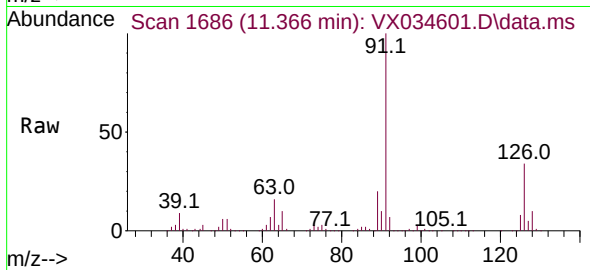
#79
2-Chlorotoluene
Concen: 48.079 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 555162
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.9

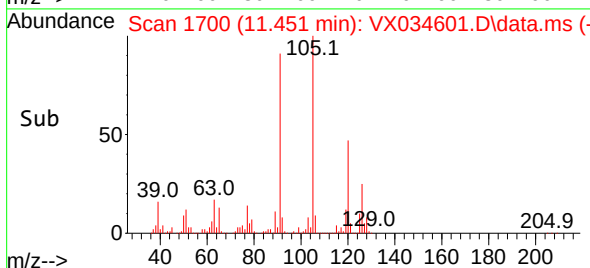
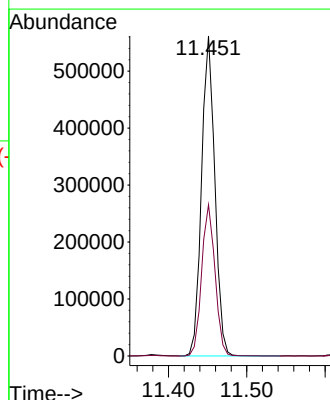
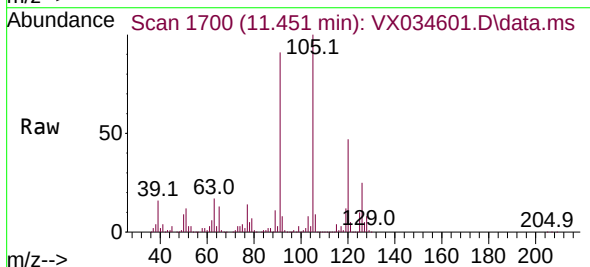
Manual Integrations
APPROVED

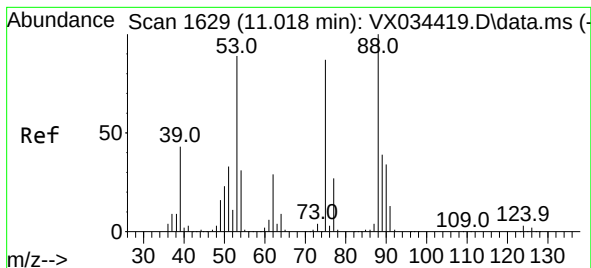
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.680 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion:105 Resp: 661020
Ion Ratio Lower Upper
105 100
120 47.6 23.7 71.1





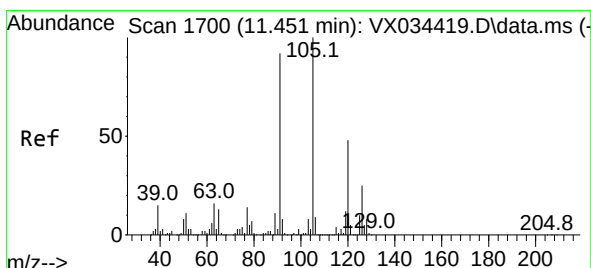
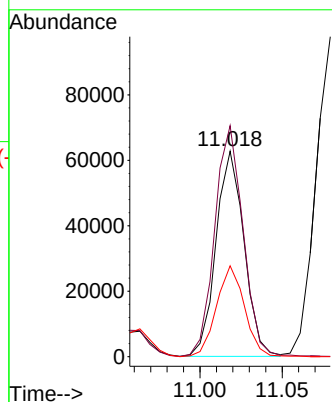
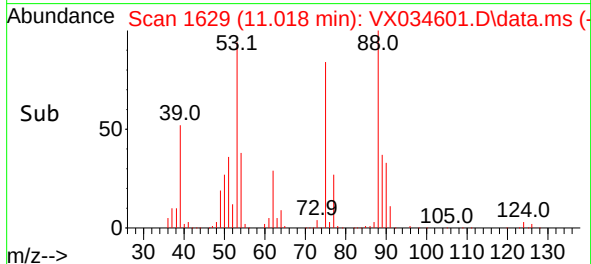
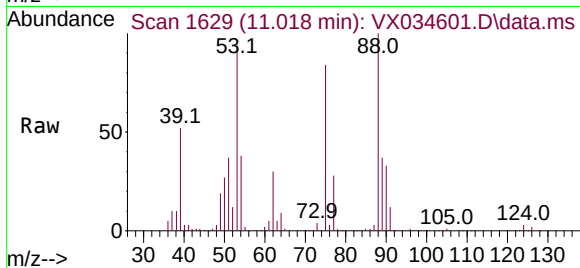
#81
trans-1,4-Dichloro-2-butene
Concen: 41.842 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7438
Ion Ratio Lower Upper
75 100
53 113.4 82.6 124.0
89 44.2 36.9 55.3

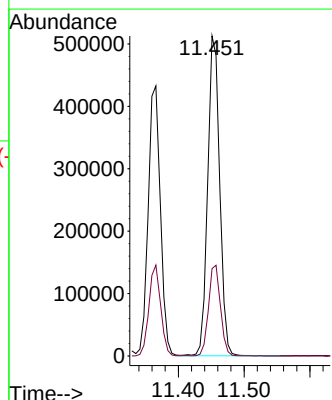
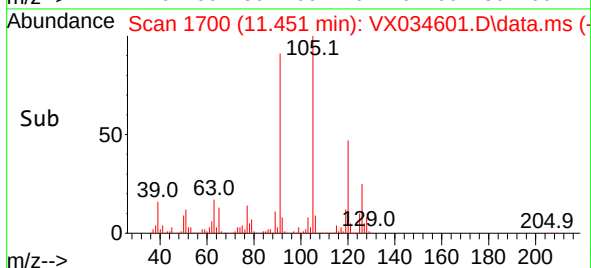
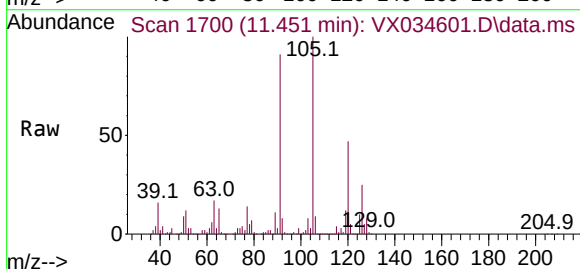
Manual Integrations
APPROVED

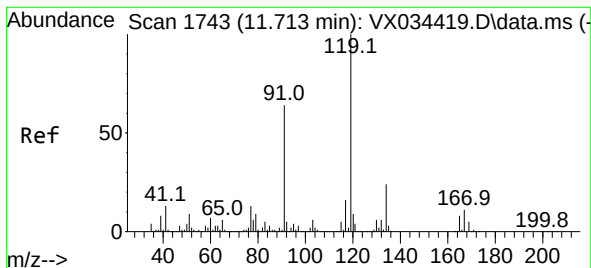
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#82
4-Chlorotoluene
Concen: 48.805 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion: 91 Resp: 649120
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.823 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 66842

Ion Ratio Lower Upper

119 100

91 61.0 30.6 92.0

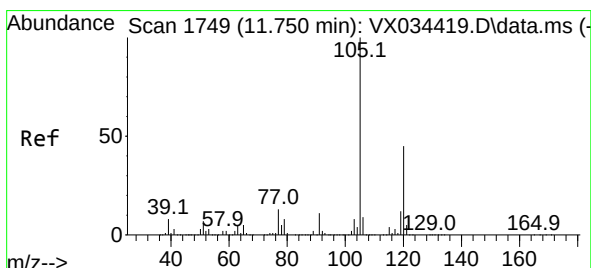
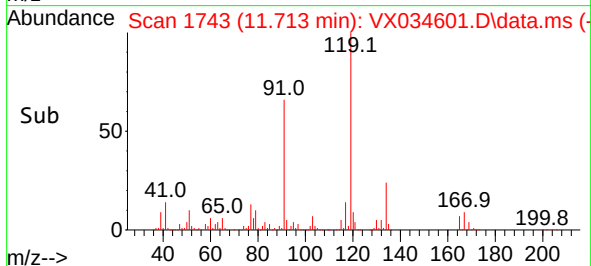
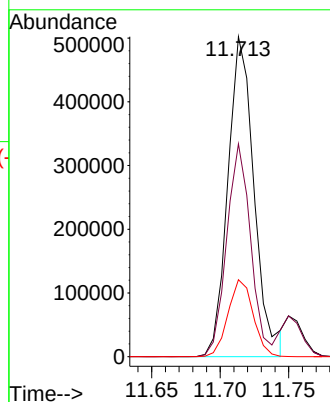
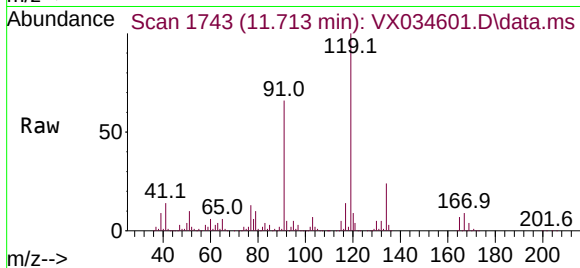
134 23.1 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 47.551 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034601.D

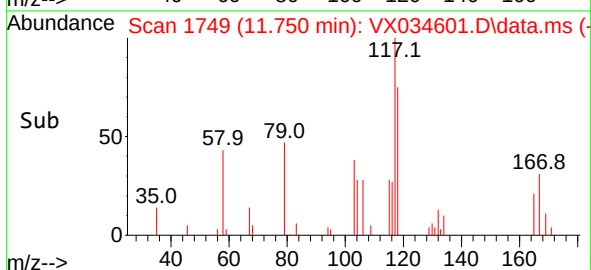
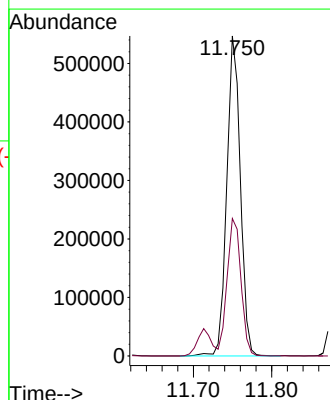
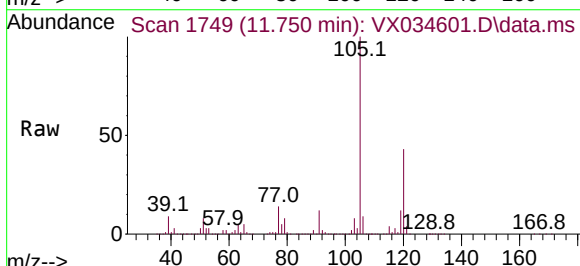
Acq: 18 Mar 2023 00:27

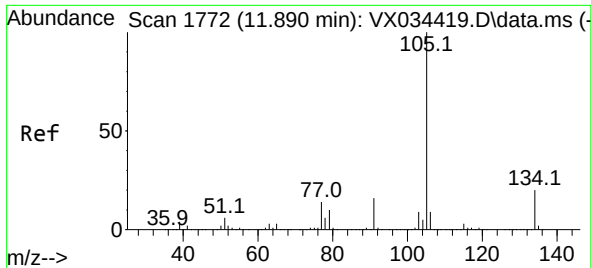
Tgt Ion:105 Resp: 659883

Ion Ratio Lower Upper

105 100

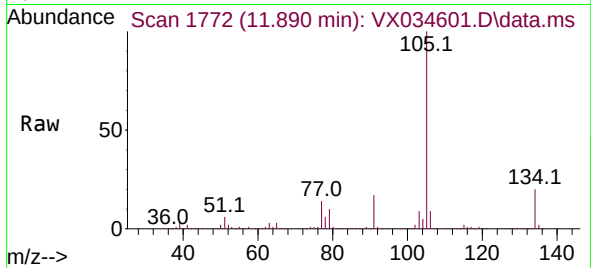
120 43.8 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 49.014 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034601.D
 Acq: 18 Mar 2023 00:27

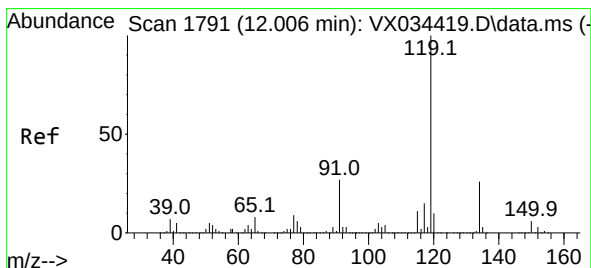
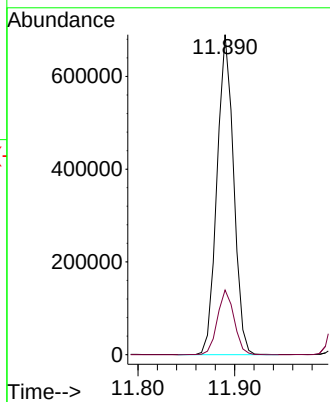
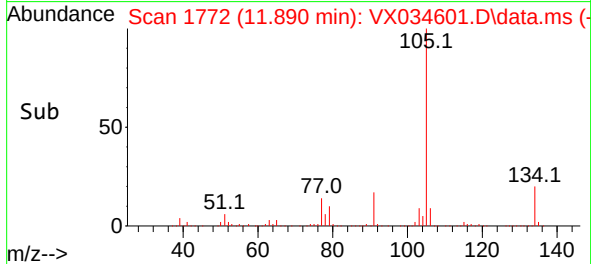
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



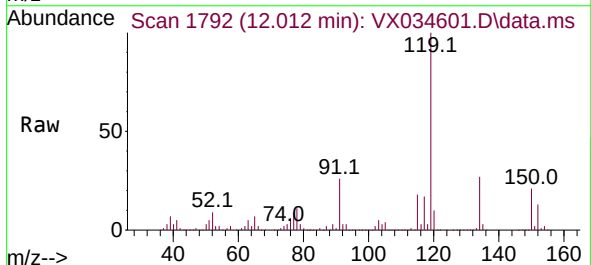
Tgt Ion:105 Resp: 820372
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

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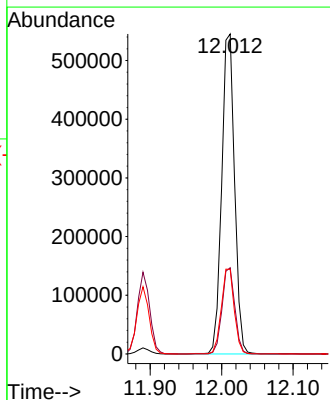
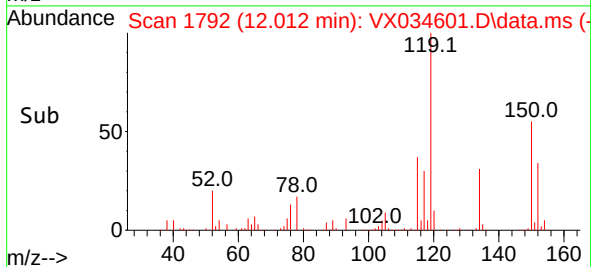
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

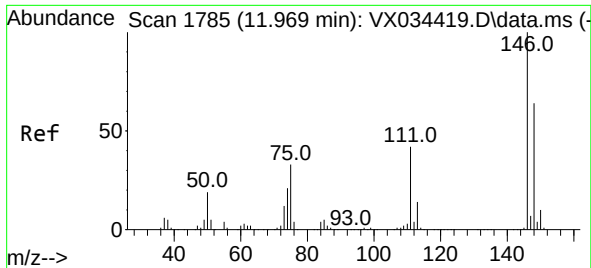


#86
 p-Isopropyltoluene
 Concen: 48.497 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034601.D
 Acq: 18 Mar 2023 00:27



Tgt Ion:119 Resp: 682202
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 26.7 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 46.665 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 35513

Ion Ratio Lower Upper

146 100

111 42.1 20.9 62.8

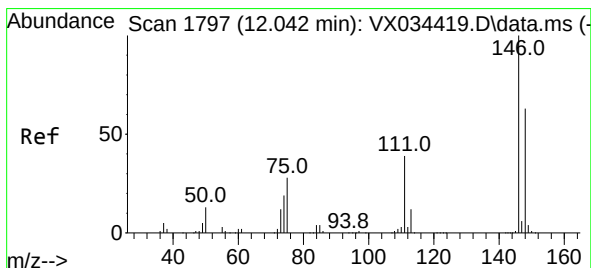
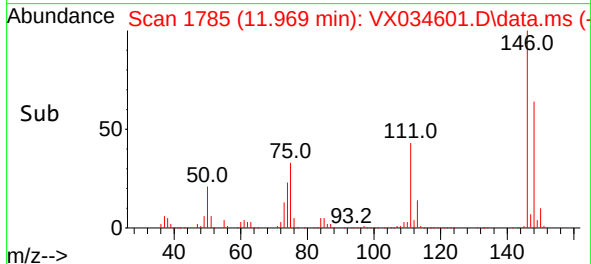
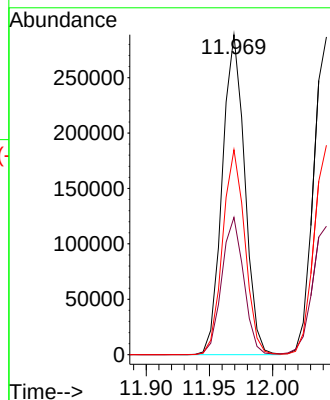
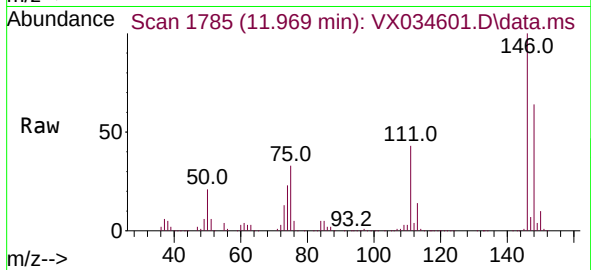
148 63.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#88

1,4-Dichlorobenzene

Concen: 46.283 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

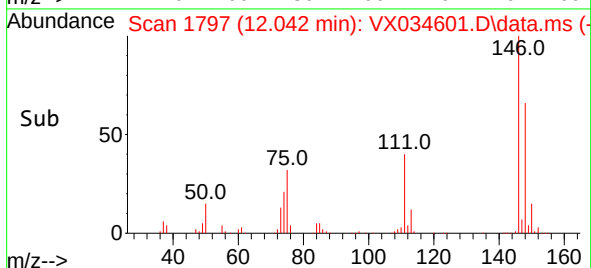
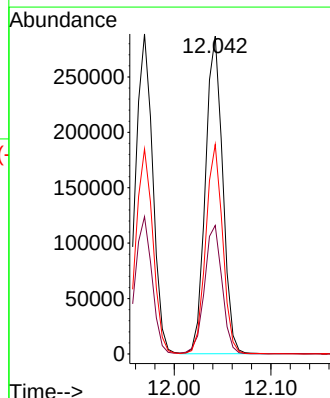
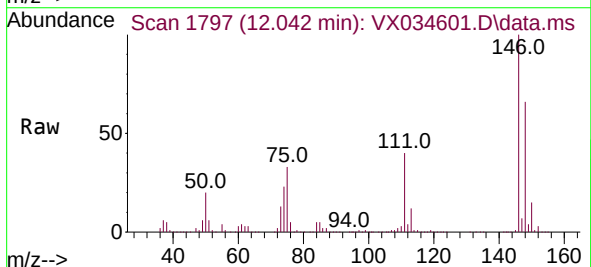
Tgt Ion:146 Resp: 356150

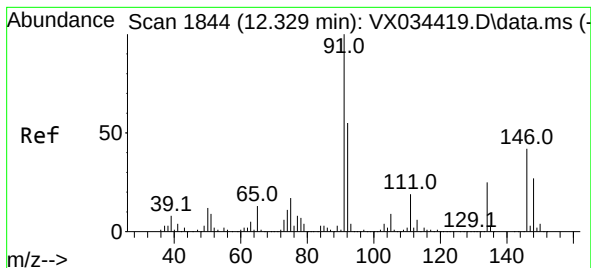
Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

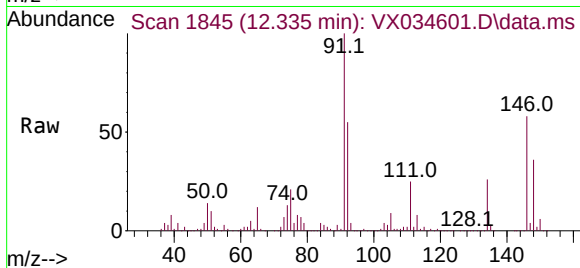
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 48.964 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

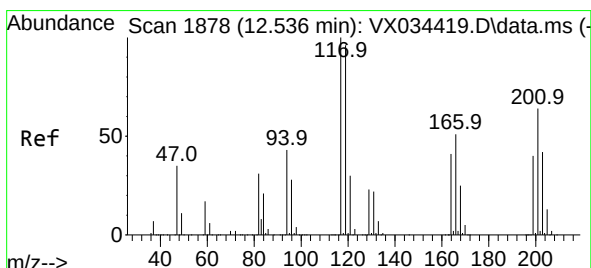
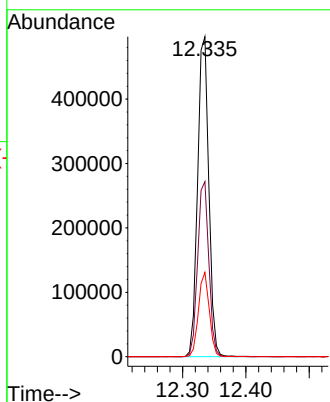
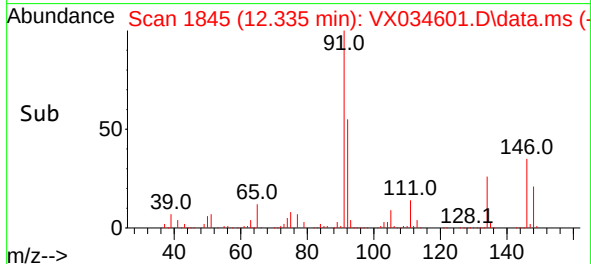
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 612315
Ion Ratio Lower Upper
91 100
92 54.7 27.7 83.0
134 25.5 13.0 38.9

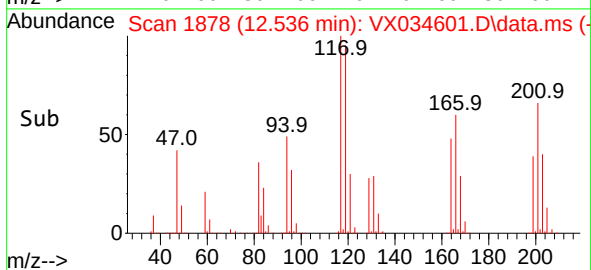
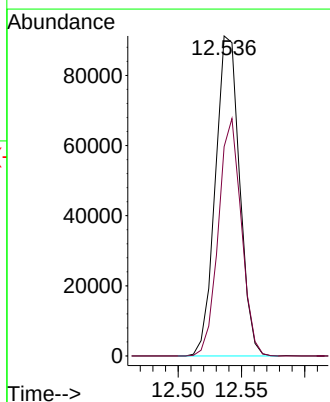
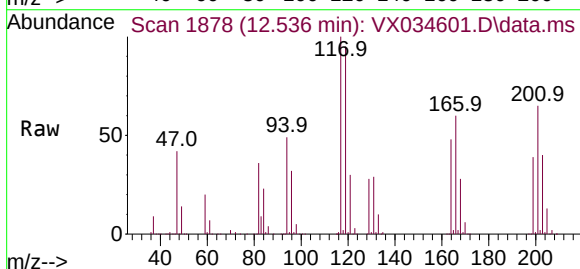
Manual Integrations
APPROVED

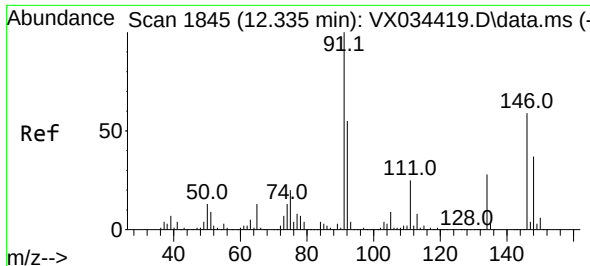
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#90
Hexachloroethane
Concen: 46.596 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

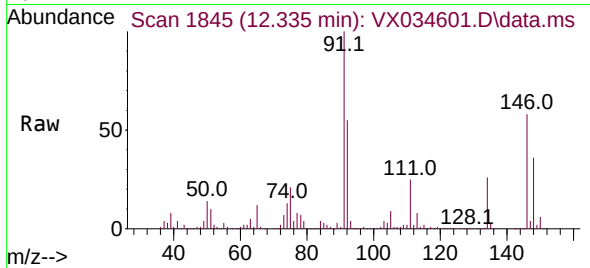
Tgt Ion:117 Resp: 121285
Ion Ratio Lower Upper
117 100
201 70.2 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 47.396 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

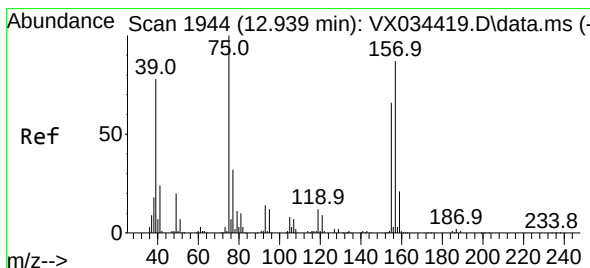
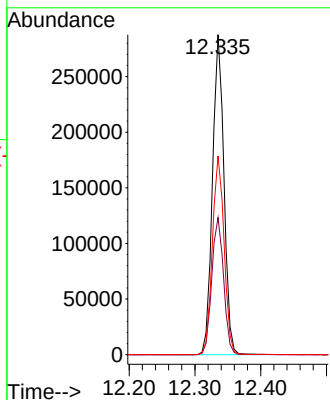
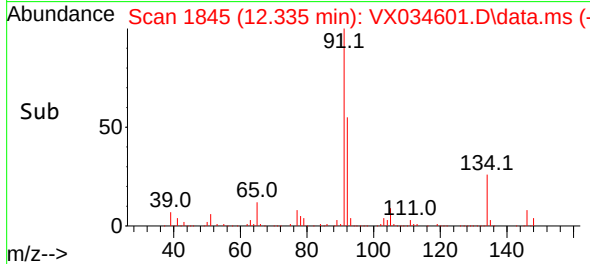
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 348570
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 63.5 32.0 96.0

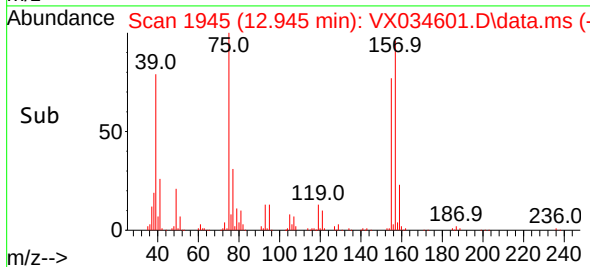
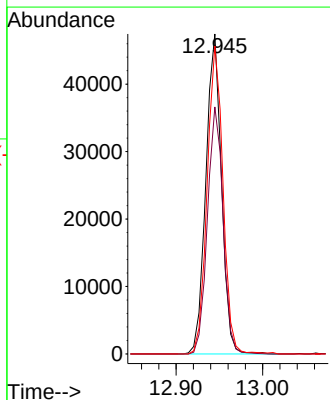
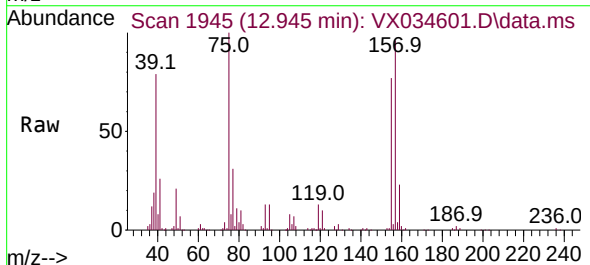
Manual Integrations
APPROVED

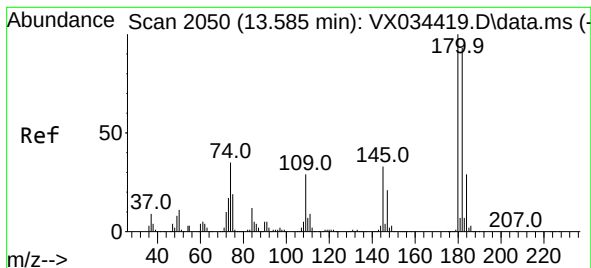
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.317 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

Tgt Ion: 75 Resp: 59303
Ion Ratio Lower Upper
75 100
155 77.0 38.4 115.1
157 97.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 46.364 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

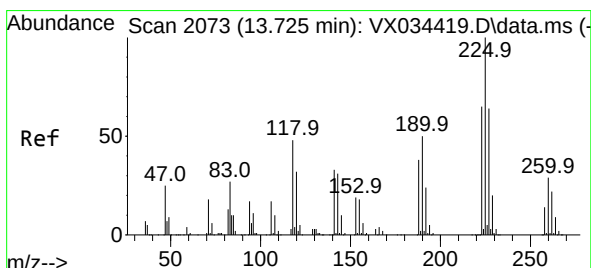
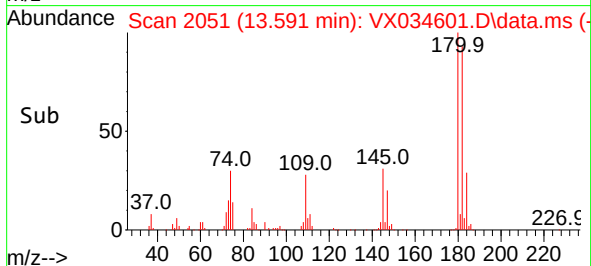
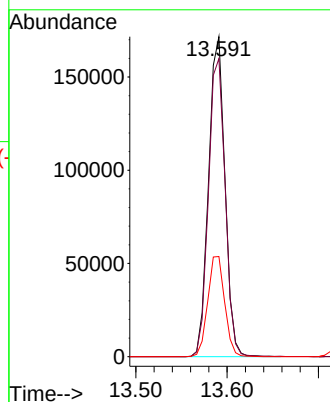
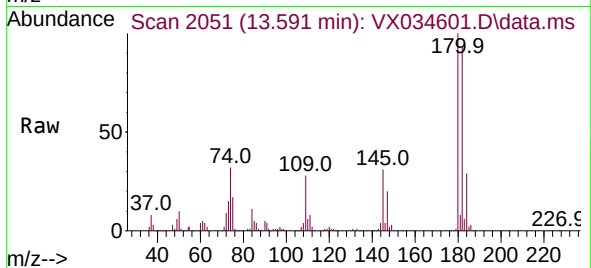
Tgt Ion:	180	Resp:	213230
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.0	141.0
145	32.4	15.9	47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#94

Hexachlorobutadiene

Concen: 46.687 ug/l

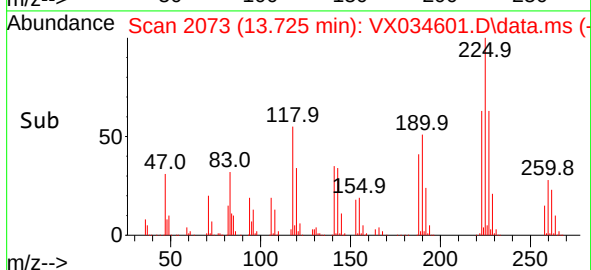
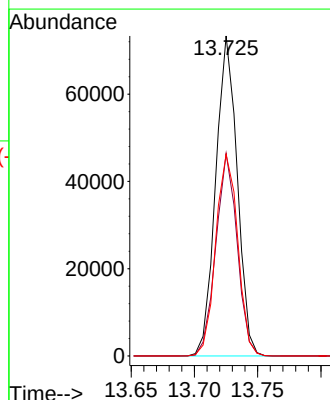
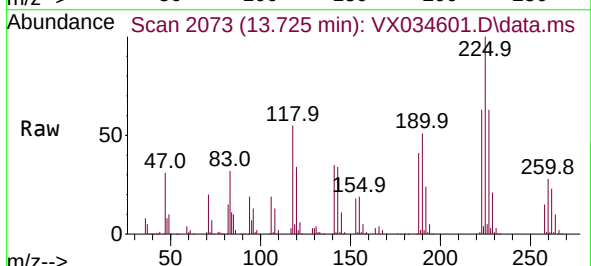
RT: 13.725 min Scan# 2073

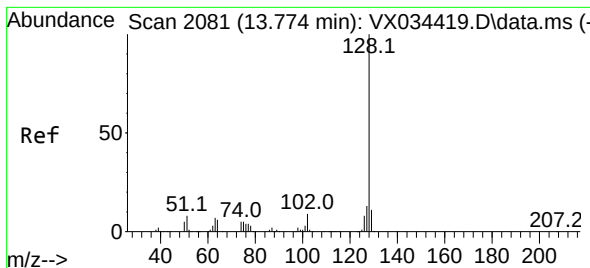
Delta R.T. 0.000 min

Lab File: VX034601.D

Acq: 18 Mar 2023 00:27

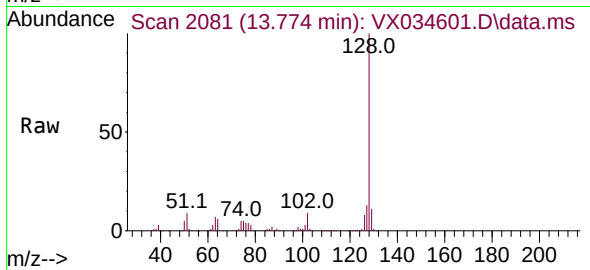
Tgt Ion:	225	Resp:	86504
Ion Ratio	Lower	Upper	
225	100		
223	62.5	32.1	96.5
227	64.6	31.8	95.4





#95
Naphthalene
Concen: 48.002 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27

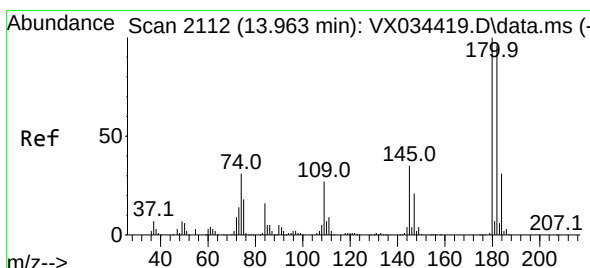
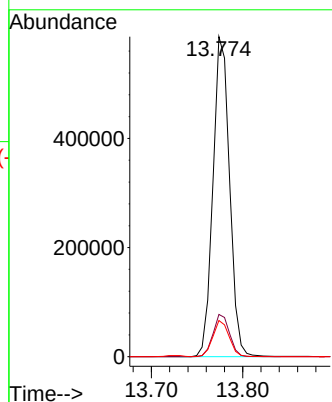
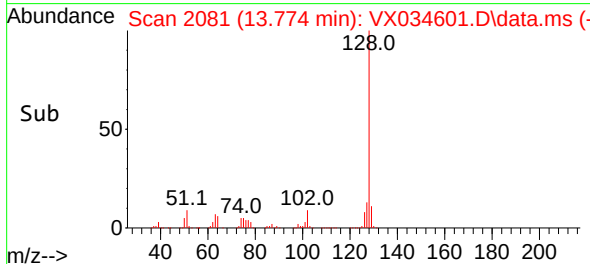
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



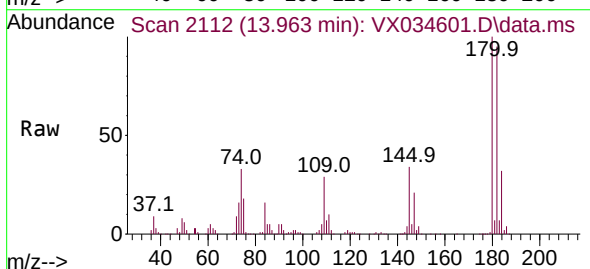
Tgt Ion:128 Resp: 740310
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.551 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034601.D
Acq: 18 Mar 2023 00:27



Tgt Ion:180 Resp: 213778
Ion Ratio Lower Upper
180 100
182 97.0 48.0 144.2
145 34.4 17.7 53.1

