

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034572.D
 Acq On : 17 Mar 2023 08:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 09:37:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	259736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	466702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	413824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	199905	52.904	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.800%			
35) Dibromofluoromethane	5.379	113	142204	46.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.300%			
50) Toluene-d8	8.647	98	490550	42.645	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 85.300%#			
62) 4-Bromofluorobenzene	11.079	95	184222	39.649	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 79.300%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	105814	43.699	ug/l	97
3) Chloromethane	1.301	50	158508	43.032	ug/l	100
4) Vinyl Chloride	1.374	62	151824	46.048	ug/l	98
5) Bromomethane	1.599	94	81692	49.108	ug/l	98
6) Chloroethane	1.679	64	97396	51.306	ug/l	97
7) Trichlorofluoromethane	1.880	101	240761	48.598	ug/l	98
8) Diethyl Ether	2.130	74	96249	53.221	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	126834	43.930	ug/l	99
10) Methyl Iodide	2.447	142	186696	49.253	ug/l	97
11) Tert butyl alcohol	2.953	59	189908	241.345	ug/l	100
12) 1,1-Dichloroethene	2.319	96	127065	44.687	ug/l	99
13) Acrolein	2.233	56	165841	266.415	ug/l	99
14) Allyl chloride	2.660	41	252007	43.716	ug/l	97
15) Acrylonitrile	3.056	53	429390	252.614	ug/l	99
16) Acetone	2.374	43	380086	213.540	ug/l	98
17) Carbon Disulfide	2.508	76	297877	37.226	ug/l	100
18) Methyl Acetate	2.697	43	289344	49.750	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	514310	50.518	ug/l	98
20) Methylene Chloride	2.782	84	158768	45.960	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	139880	46.322	ug/l	98
22) Diisopropyl ether	3.751	45	553968	50.403	ug/l	99
23) Vinyl Acetate	3.715	43	2120891	253.550	ug/l	99
24) 1,1-Dichloroethane	3.605	63	285702	48.357	ug/l	98
25) 2-Butanone	4.544	43	606754	238.239	ug/l	99
26) 2,2-Dichloropropane	4.465	77	171795	33.452	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	173351	47.687	ug/l	97
28) Bromochloromethane	4.891	49	137105	49.909	ug/l	99
29) Tetrahydrofuran	4.995	42	395487	251.656	ug/l	99
30) Chloroform	5.087	83	296324	51.166	ug/l	95
31) Cyclohexane	5.465	56	249204	47.025	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	291347	56.827	ug/l	99
36) 1,1-Dichloropropene	5.684	75	223507	47.225	ug/l	98
37) Ethyl Acetate	4.702	43	238299	46.089	ug/l	99
38) Carbon Tetrachloride	5.672	117	241413	51.274	ug/l	98
39) Methylcyclohexane	7.373	83	248094	43.803	ug/l	96
40) Benzene	6.031	78	660990	47.741	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	137660	48.581	ug/l	98
42) 1,2-Dichloroethane	6.080	62	293842	57.748	ug/l	98
43) Isopropyl Acetate	6.330	43	454874	51.931	ug/l	100
44) Trichloroethene	7.117	130	170004	47.258	ug/l	93
45) 1,2-Dichloropropane	7.421	63	182183	50.395	ug/l	98
46) Dibromomethane	7.574	93	129201	52.570	ug/l	98
47) Bromodichloromethane	7.818	83	260767	54.822	ug/l	99
48) Methyl methacrylate	7.690	41	226158	53.685	ug/l	97
49) 1,4-Dioxane	7.653	88	87900	993.422	ug/l	95
51) 4-Methyl-2-Pentanone	8.568	43	1373532	270.314	ug/l	99
52) Toluene	8.714	92	420836	49.096	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	268559	50.116	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	283059	48.823	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	183028	53.803	ug/l	98
56) Ethyl methacrylate	9.110	69	295471	52.901	ug/l	98
57) 1,3-Dichloropropane	9.305	76	312905	51.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	729426	253.407	ug/l	99
59) 2-Hexanone	9.427	43	1028029	261.726	ug/l	100
60) Dibromochloromethane	9.519	129	194026	54.383	ug/l	99
61) 1,2-Dibromoethane	9.610	107	190526	51.902	ug/l	99
64) Tetrachloroethene	9.269	164	136273	49.022	ug/l	93
65) Chlorobenzene	10.080	112	452001	49.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	168947	51.089	ug/l	99
67) Ethyl Benzene	10.189	91	806415	49.611	ug/l	97
68) m/p-Xylenes	10.299	106	564185	90.355	ug/l	98
69) o-Xylene	10.640	106	283002	45.163	ug/l	98
70) Styrene	10.653	104	478466	47.327	ug/l	99
71) Bromoform	10.799	173	122077	47.958	ug/l #	99
73) Isopropylbenzene	10.964	105	741638	49.174	ug/l	99
74) N-amyl acetate	10.842	43	389400	53.906	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	268561	53.363	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	223922m	49.976	ug/l	
77) Bromobenzene	11.195	156	181326	50.111	ug/l	99
78) n-propylbenzene	11.305	91	871283	50.022	ug/l	99
79) 2-Chlorotoluene	11.366	91	534965	49.730	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	635681	50.251	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	70180	42.373	ug/l	93
82) 4-Chlorotoluene	11.451	91	629835	50.831	ug/l	100
83) tert-Butylbenzene	11.713	119	630673	49.447	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	648115	50.131	ug/l	99
85) sec-Butylbenzene	11.890	105	777619	49.870	ug/l	99
86) p-Isopropyltoluene	12.006	119	655619	50.028	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	348540	49.160	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	353129	49.258	ug/l	100
89) n-Butylbenzene	12.335	91	574775	49.336	ug/l	99
90) Hexachloroethane	12.536	117	119142	49.133	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	351451	51.294	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61078	53.416	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	215141	50.212	ug/l	98
94) Hexachlorobutadiene	13.725	225	82315	47.687	ug/l	98
95) Naphthalene	13.774	128	758075	52.762	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	215120	51.362	ug/l	100

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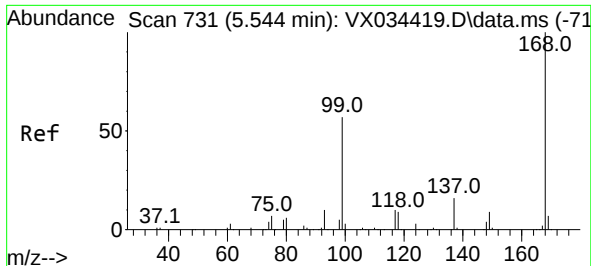
Manual Integrations
APPROVED

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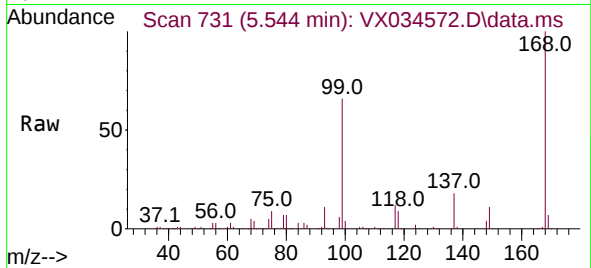
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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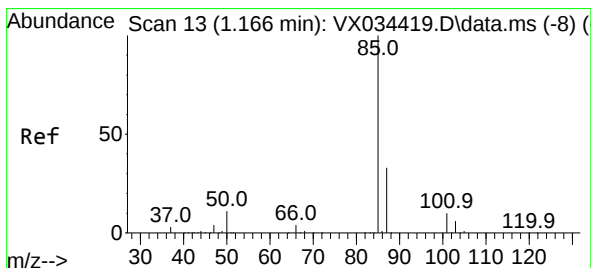
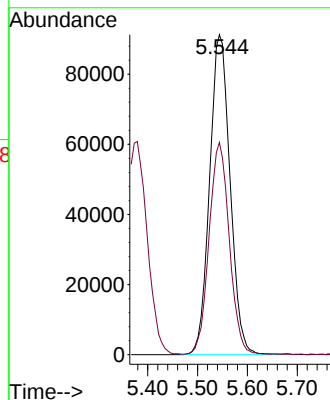
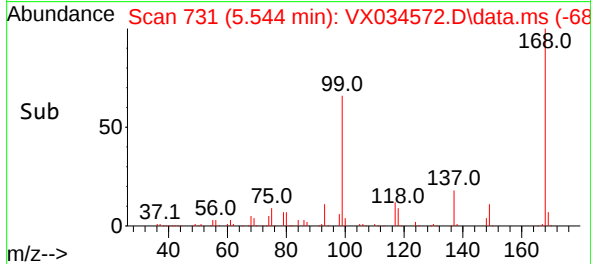
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 259730
Ion Ratio Lower Upper
168 100
99 66.2 45.7 68.5

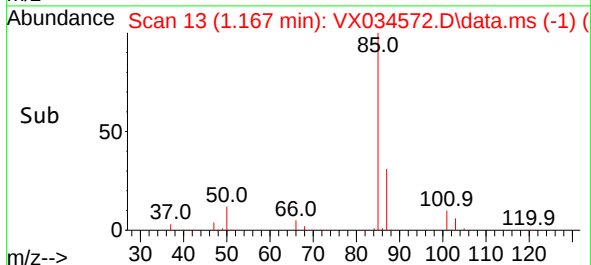
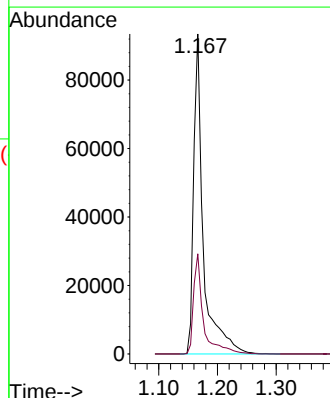
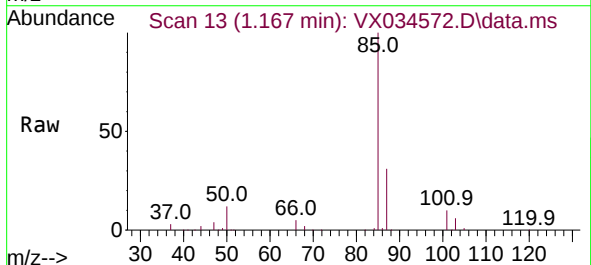
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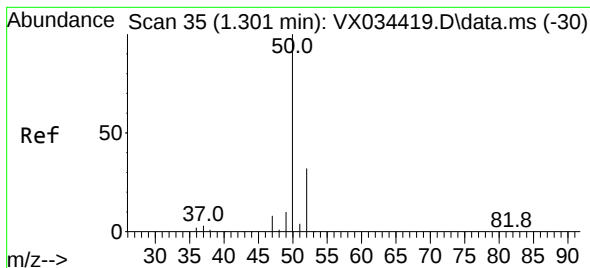
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#2
Dichlorodifluoromethane
Concen: 43.699 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

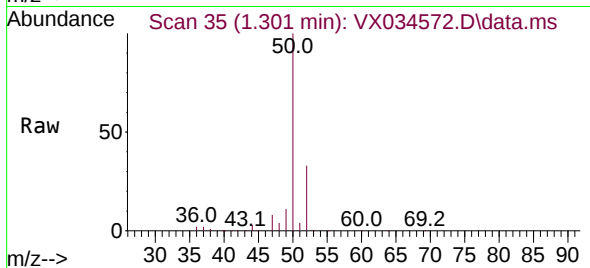
Tgt Ion: 85 Resp: 105814
Ion Ratio Lower Upper
85 100
87 31.3 16.4 49.1





#3
Chloromethane
Concen: 43.032 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

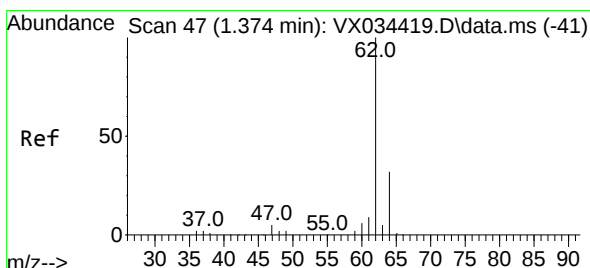
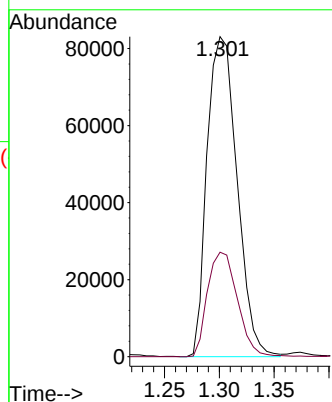
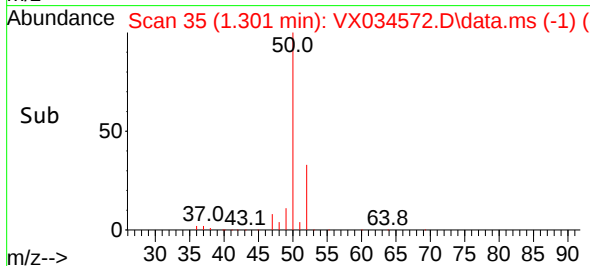
Instrument :
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Tgt Ion: 50 Resp: 158508
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

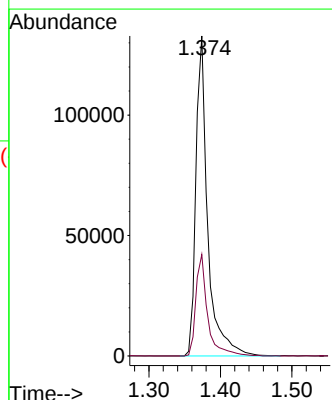
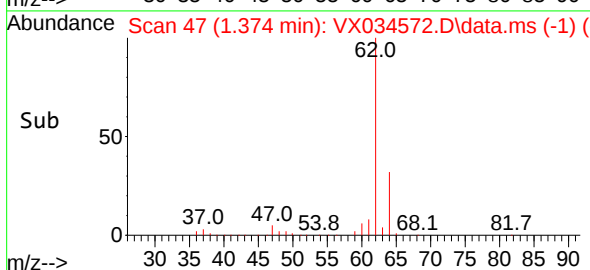
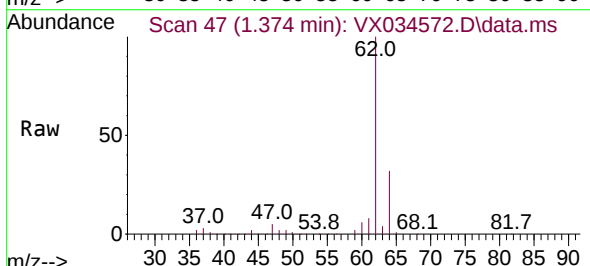
Manual Integrations
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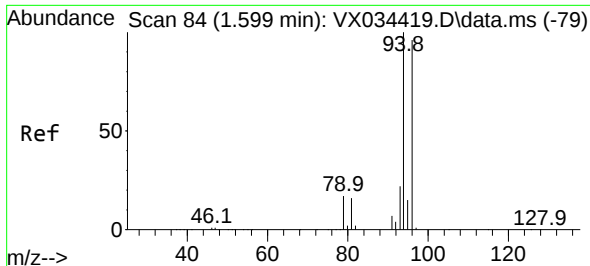
Reviewed By :John Carlone 03/17/2023
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#4
Vinyl Chloride
Concen: 46.048 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

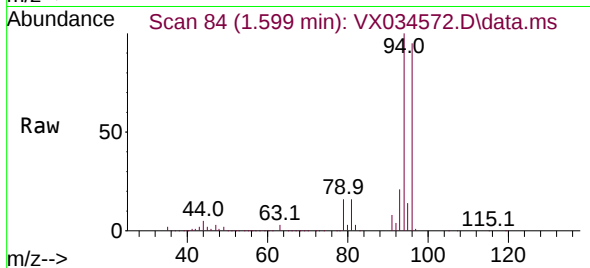
Tgt Ion: 62 Resp: 151824
Ion Ratio Lower Upper
62 100
64 31.7 26.4 39.6





#5
Bromomethane
Concen: 49.108 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

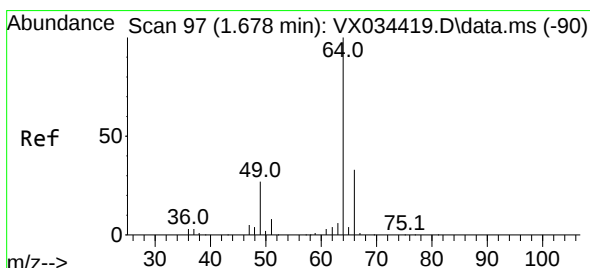
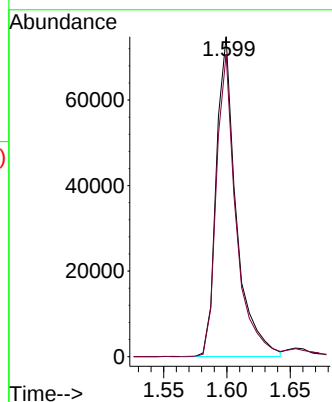
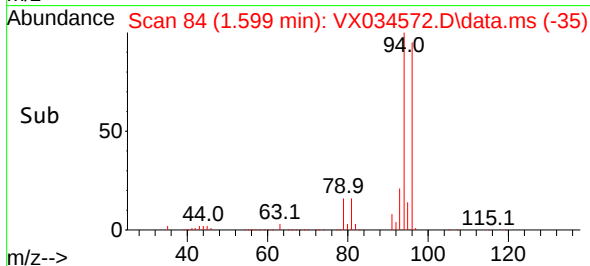
Instrument :
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Tgt Ion: 94 Resp: 81692
Ion Ratio Lower Upper
94 100
96 94.6 77.0 115.6

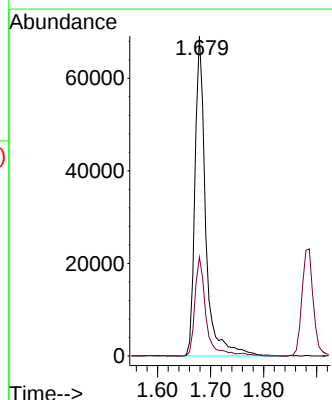
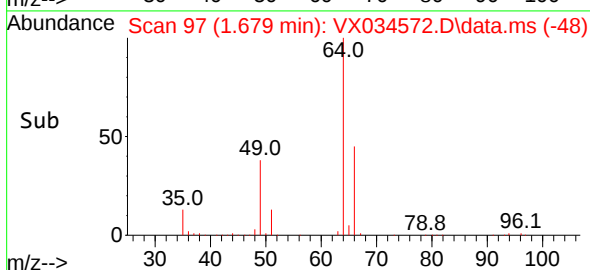
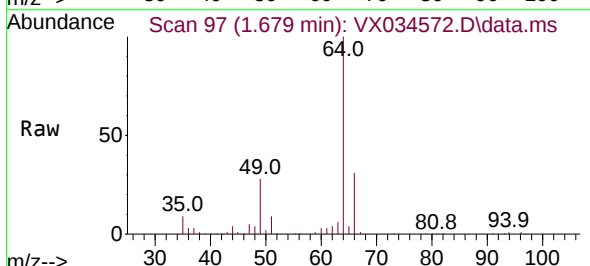
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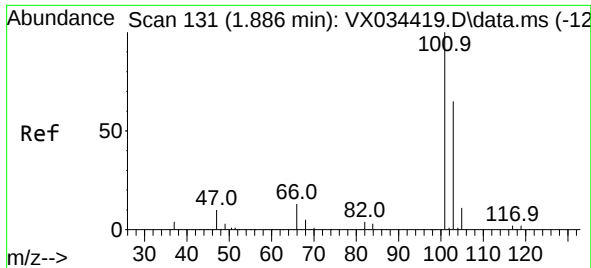
Reviewed By :John Carlone 03/17/2023
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#6
Chloroethane
Concen: 51.306 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

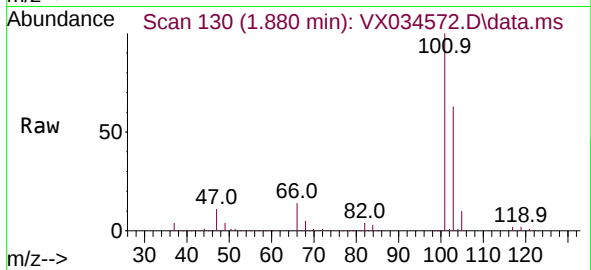
Tgt Ion: 64 Resp: 97396
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.598 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

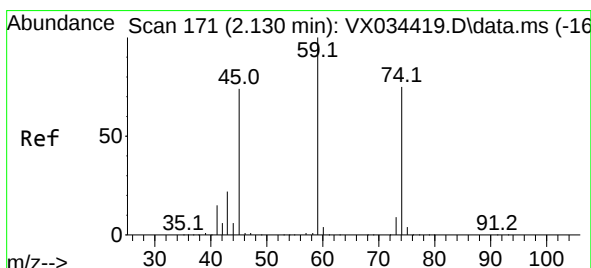
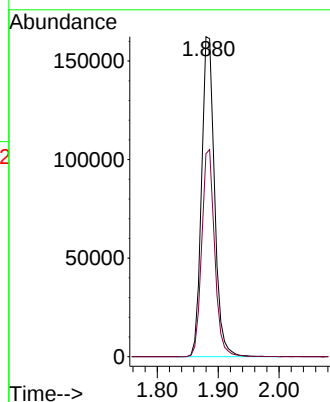
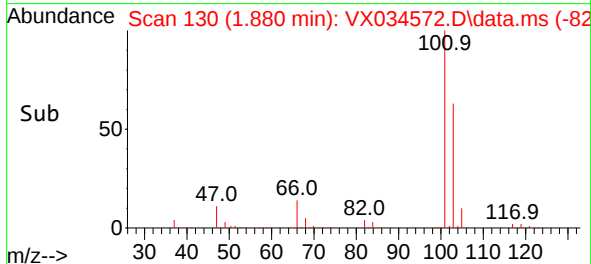
Instrument :
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Tgt Ion:101 Resp: 24076
Ion Ratio Lower Upper
101 100
103 63.4 52.0 78.0

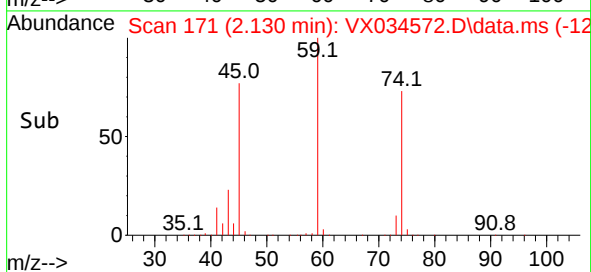
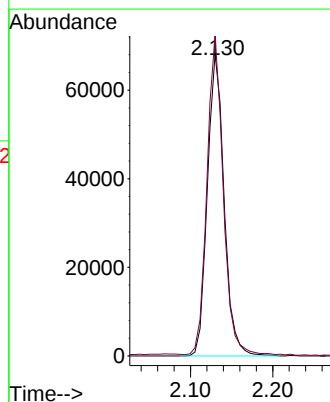
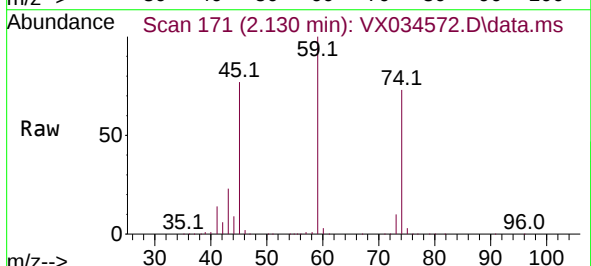
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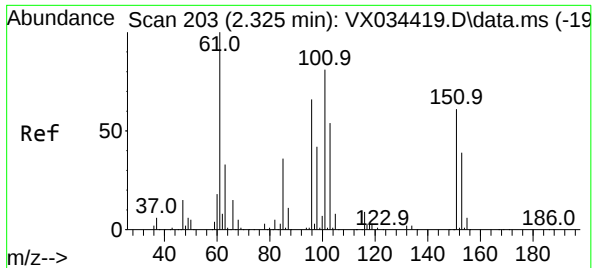
Reviewed By :John Carlone 03/17/2023
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#8
Diethyl Ether
Concen: 53.221 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion: 74 Resp: 96249
Ion Ratio Lower Upper
74 100
45 103.4 49.8 149.3





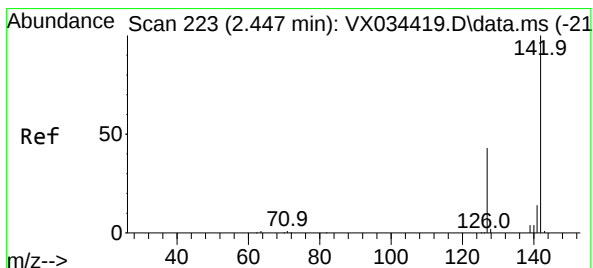
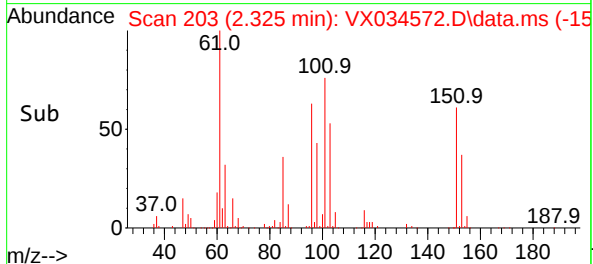
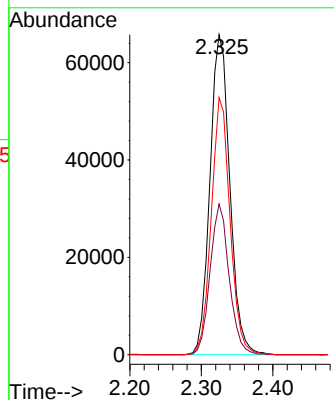
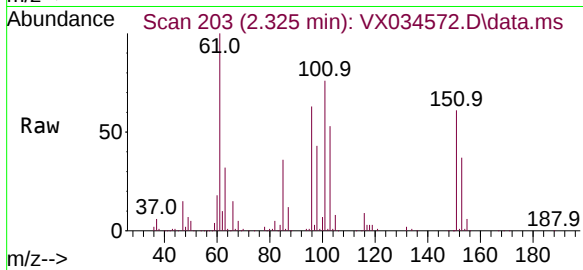
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.930 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 126834
Ion Ratio Lower Upper
101 100
85 45.2 35.4 53.2
151 75.9 60.2 90.4

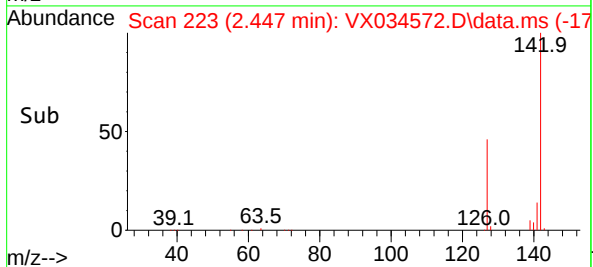
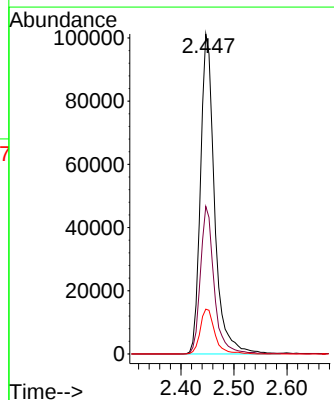
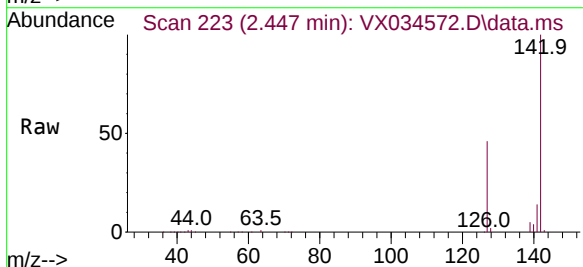
Manual Integrations
APPROVED

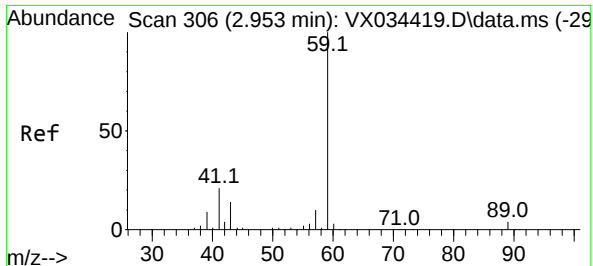
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#10
Methyl Iodide
Concen: 49.253 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

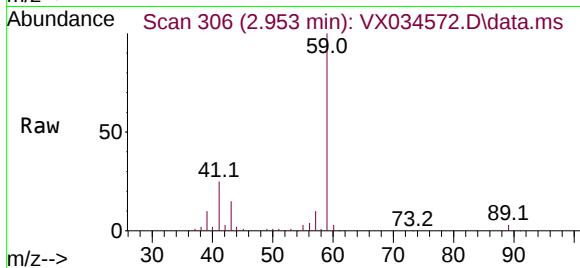
Tgt Ion:142 Resp: 186696
Ion Ratio Lower Upper
142 100
127 44.9 34.0 51.0
141 14.6 11.1 16.7





#11
Tert butyl alcohol
Concen: 241.345 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

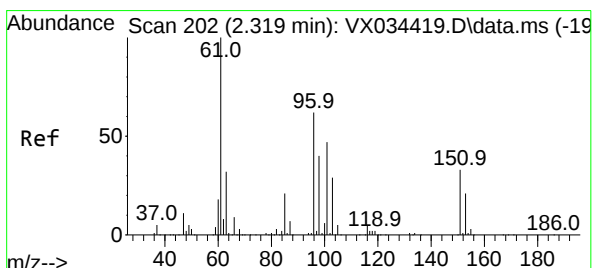
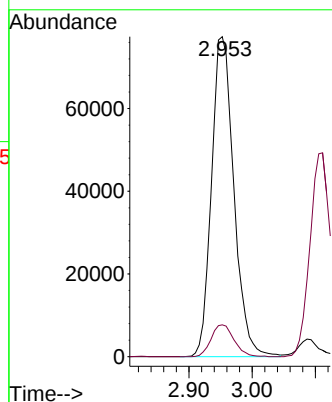
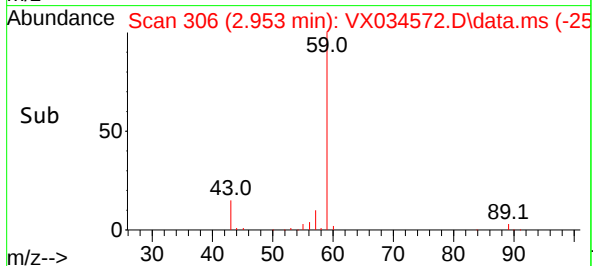
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



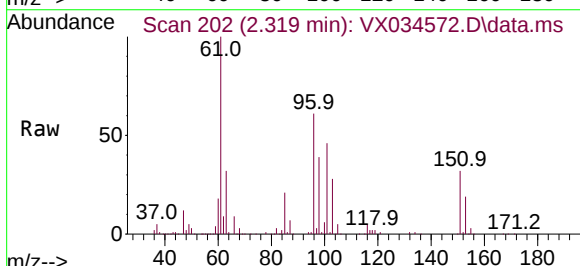
Tgt Ion: 59 Resp: 189908
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

Manual Integrations
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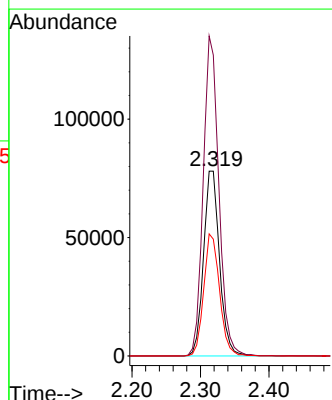
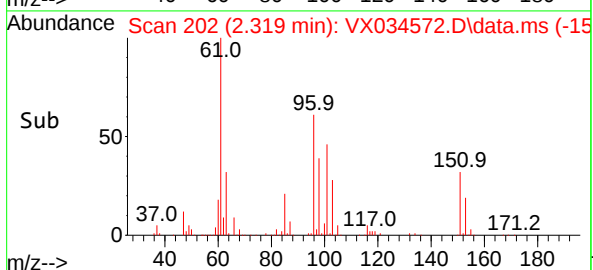
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#12
1,1-Dichloroethene
Concen: 44.687 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59



Tgt Ion: 96 Resp: 127065
Ion Ratio Lower Upper
96 100
61 162.8 128.8 193.2
98 63.2 51.4 77.0





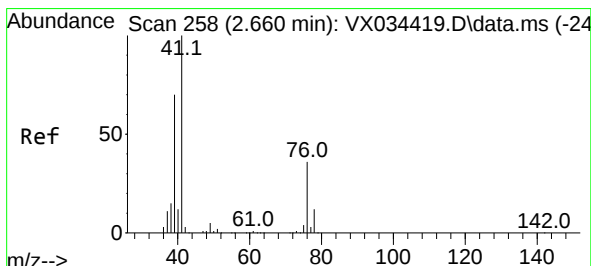
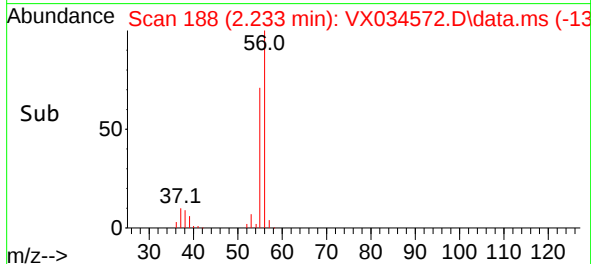
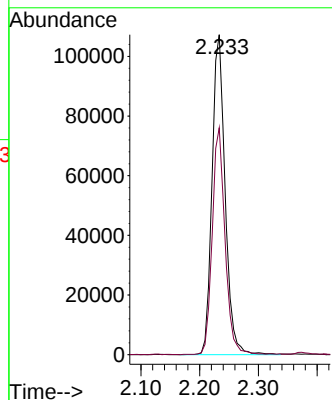
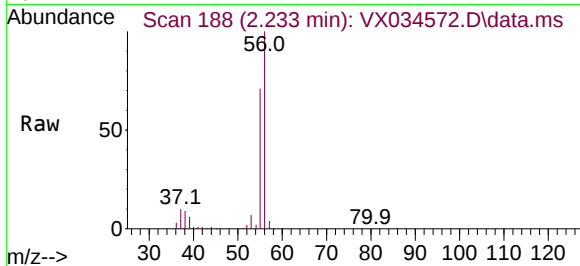
#13
Acrolein
Concen: 266.415 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 16584
Ion Ratio Lower Upper
56 100
55 69.6 56.6 85.0

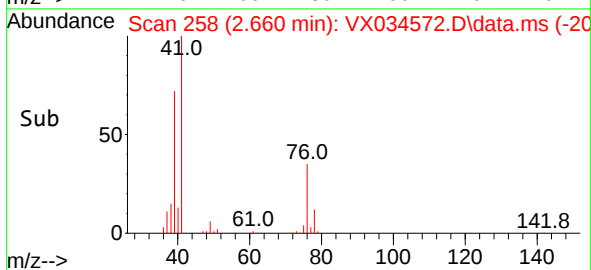
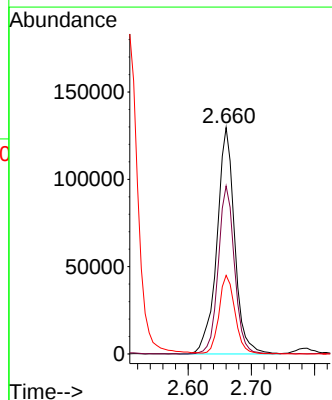
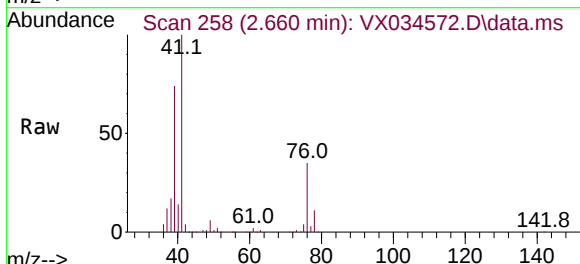
Manual Integrations
APPROVED

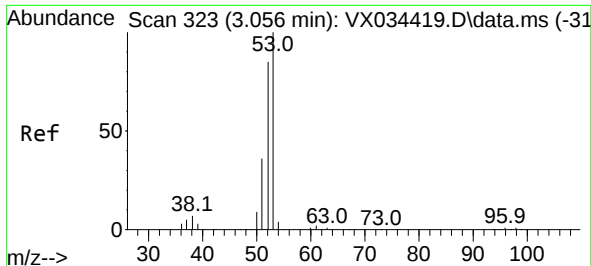
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#14
Allyl chloride
Concen: 43.716 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

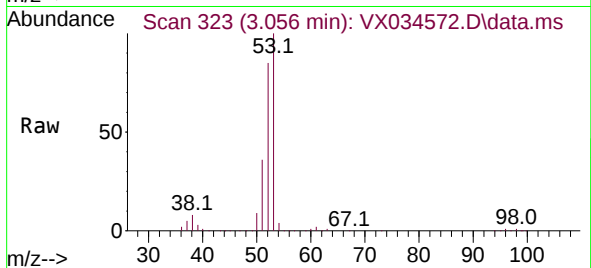
Tgt Ion: 41 Resp: 252007
Ion Ratio Lower Upper
41 100
39 68.0 52.4 78.6
76 31.0 26.0 39.0





#15
Acrylonitrile
Concen: 252.614 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

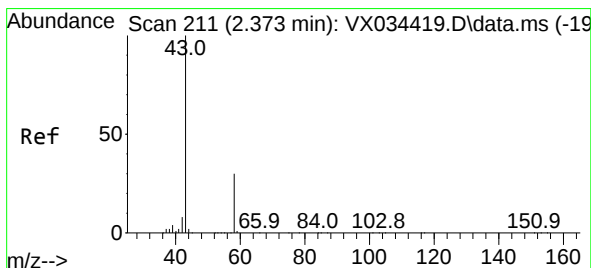
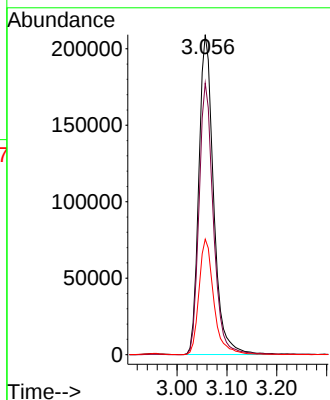
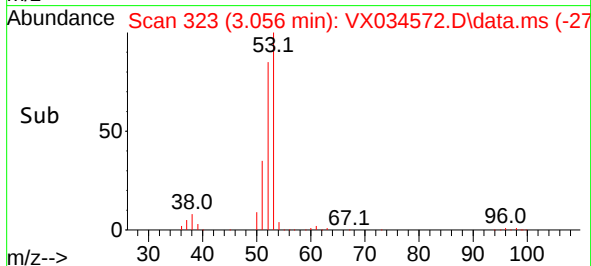
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 429390
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.4 28.3 42.5

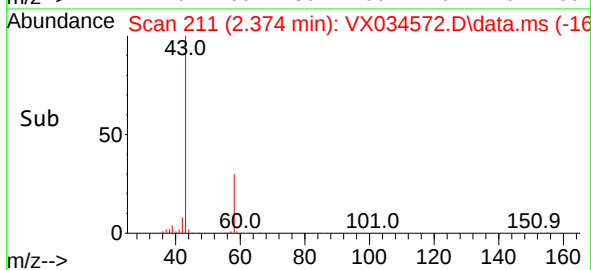
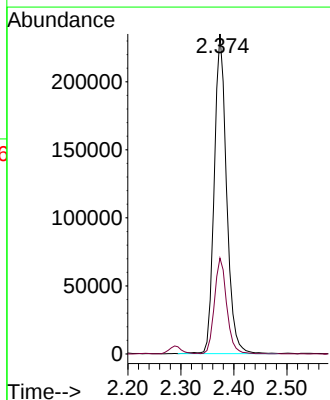
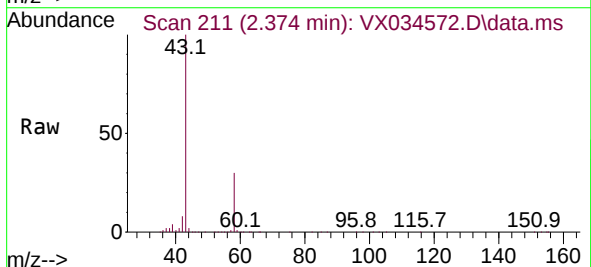
Manual Integrations
APPROVED

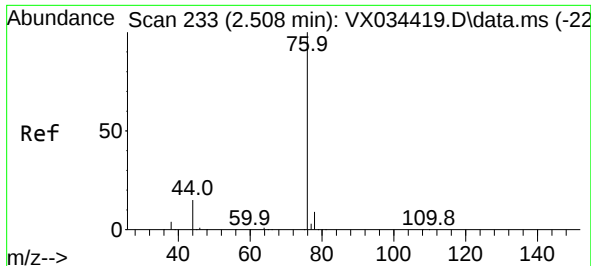
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#16
Acetone
Concen: 213.540 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion: 43 Resp: 380086
Ion Ratio Lower Upper
43 100
58 29.9 24.7 37.1





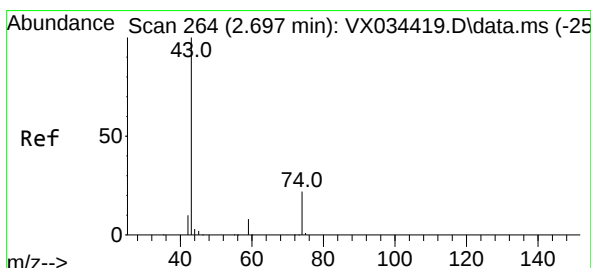
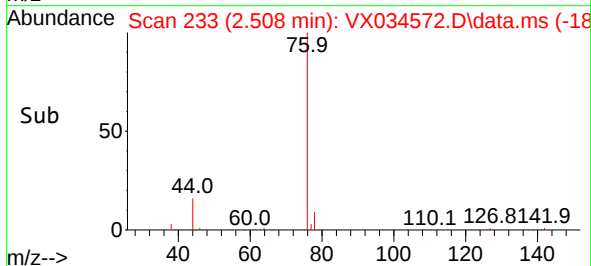
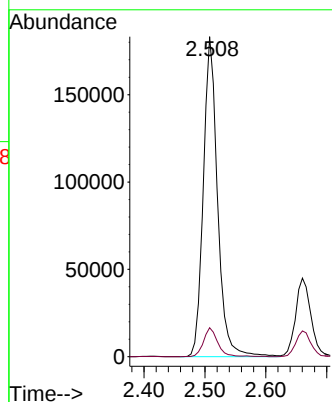
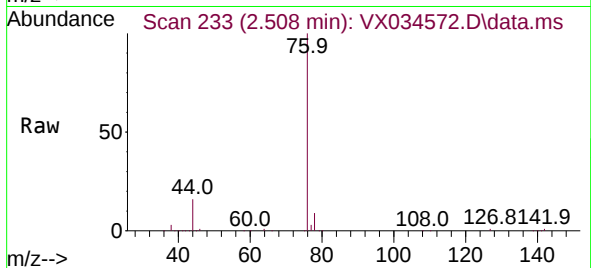
#17
Carbon Disulfide
Concen: 37.226 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 29787
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

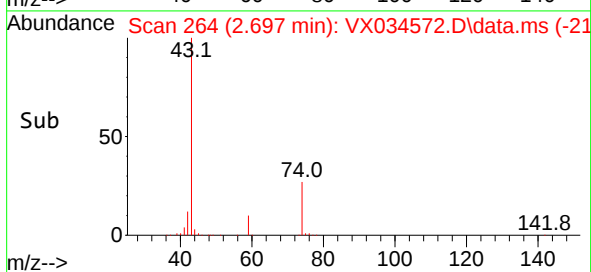
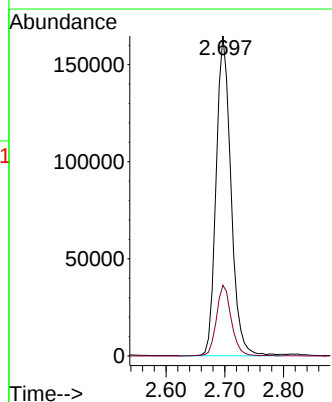
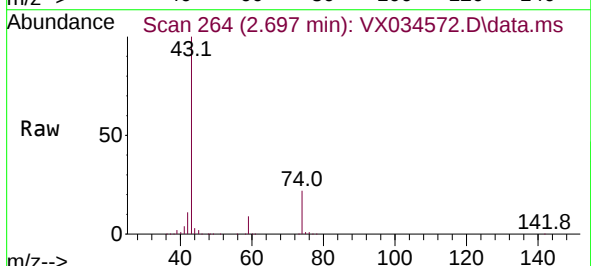
Manual Integrations
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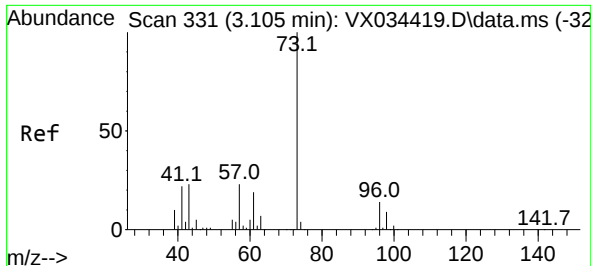
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#18
Methyl Acetate
Concen: 49.750 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion: 43 Resp: 289344
Ion Ratio Lower Upper
43 100
74 22.1 18.3 27.5





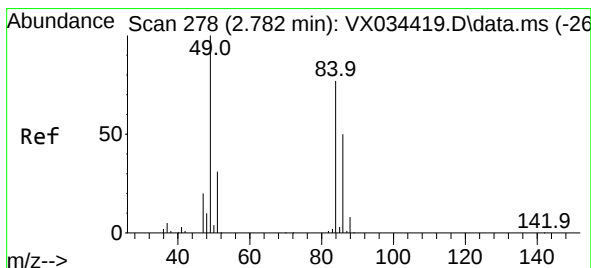
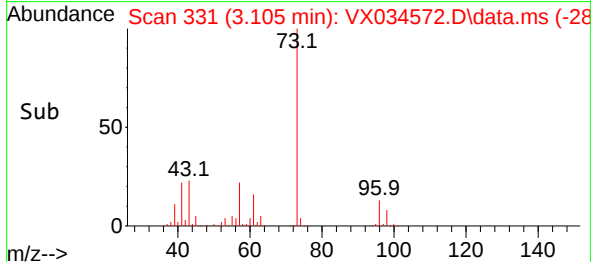
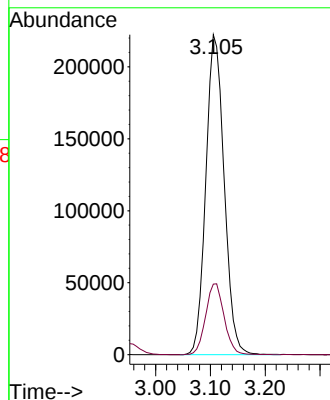
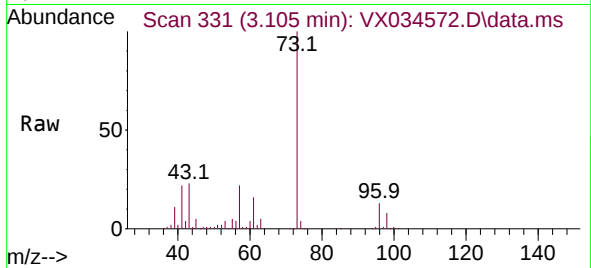
#19
Methyl tert-butyl Ether
Concen: 50.518 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 514310
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7

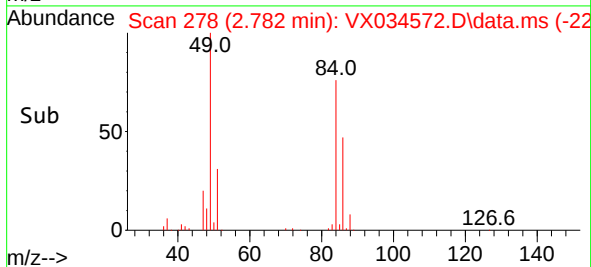
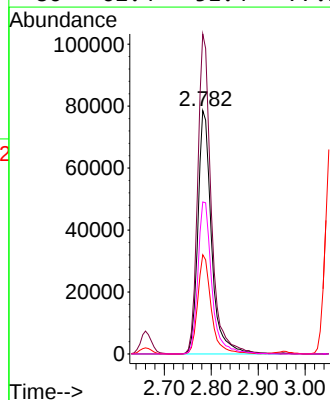
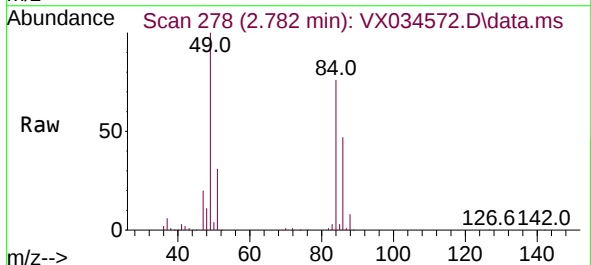
Manual Integrations
APPROVED

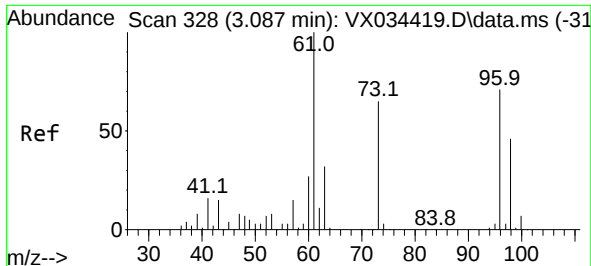
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#20
Methylene Chloride
Concen: 45.960 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

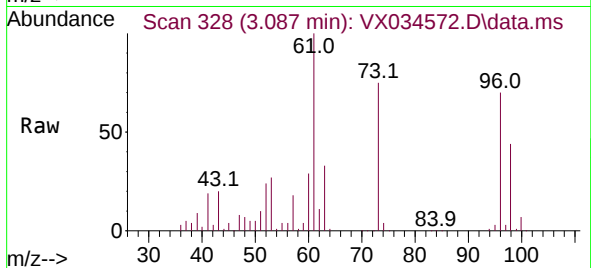
Tgt Ion: 84 Resp: 158768
Ion Ratio Lower Upper
84 100
49 131.5 103.8 155.8
51 40.7 31.8 47.8
86 62.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 46.322 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

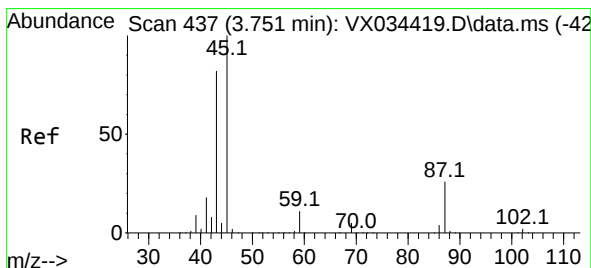
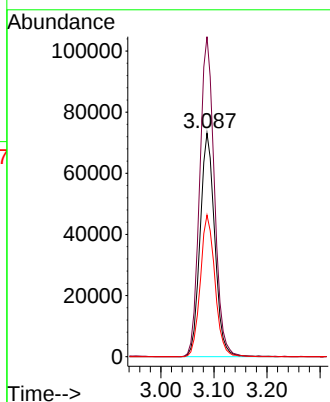
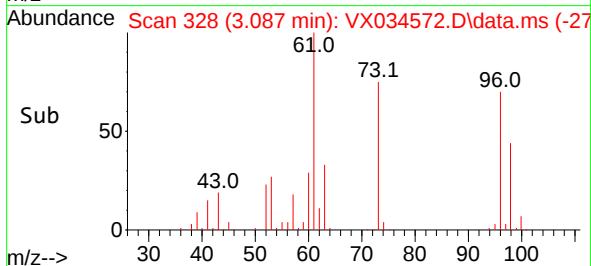
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



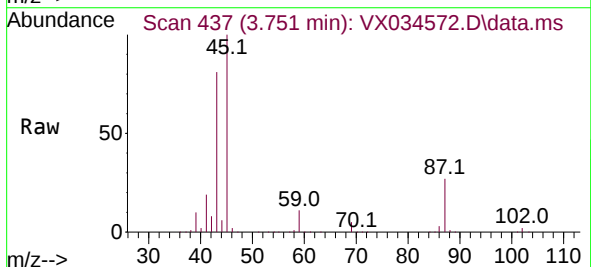
Tgt Ion: 96 Resp: 139880
Ion Ratio Lower Upper
96 100
61 143.1 113.0 169.6
98 63.3 52.1 78.1

Manual Integrations
APPROVED

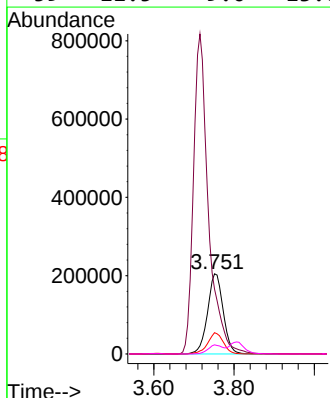
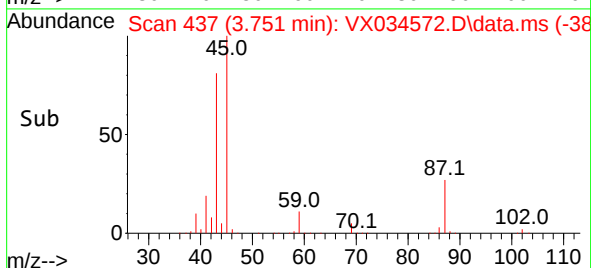
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

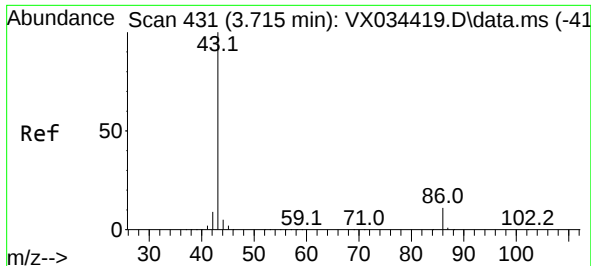


#22
Diisopropyl ether
Concen: 50.403 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59



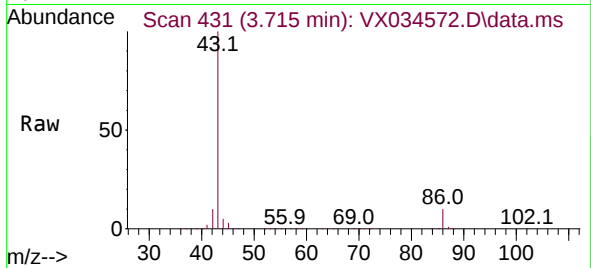
Tgt Ion: 45 Resp: 553968
Ion Ratio Lower Upper
45 100
43 80.9 65.4 98.2
87 26.6 20.6 31.0
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 253.550 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034572.D
 Acq: 17 Mar 2023 08:59

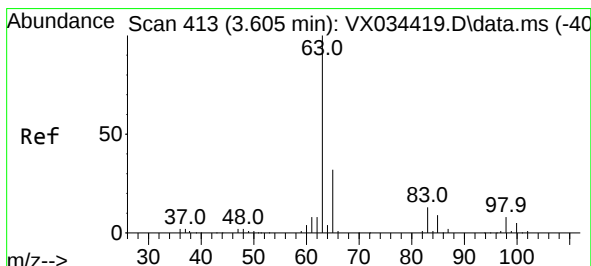
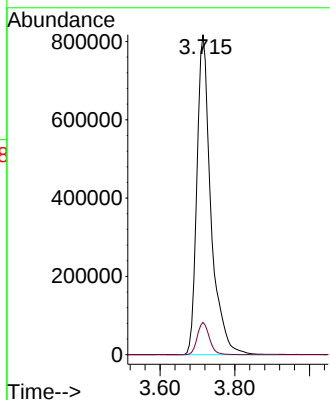
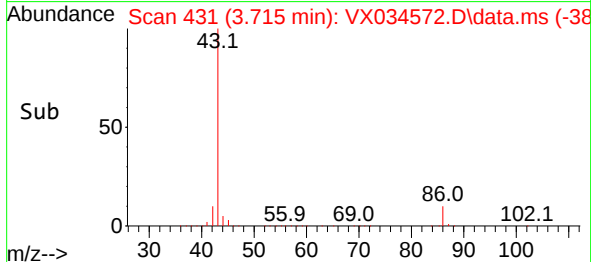
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



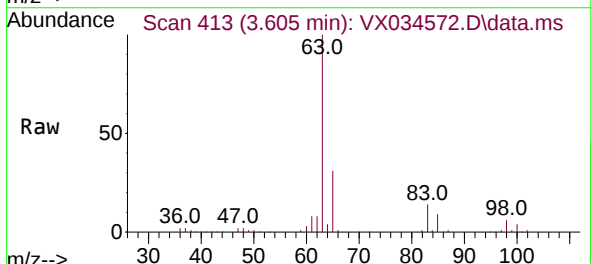
Tgt Ion: 43 Resp: 212089
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

Manual Integrations
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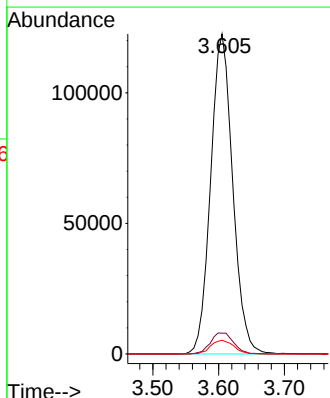
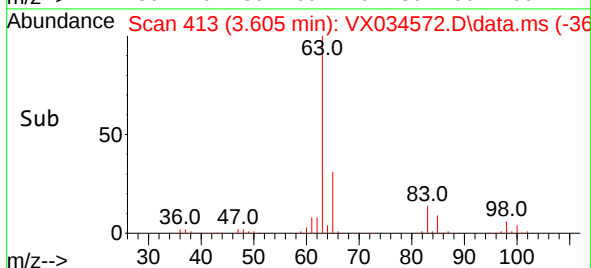
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

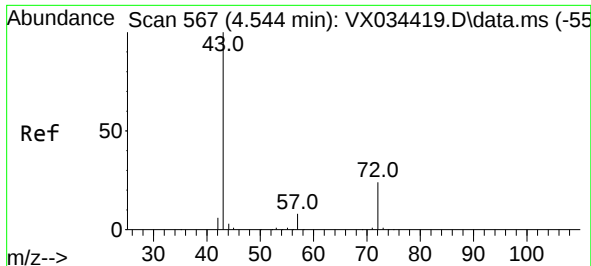


#24
 1,1-Dichloroethane
 Concen: 48.357 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034572.D
 Acq: 17 Mar 2023 08:59



Tgt Ion: 63 Resp: 285702
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.2
 100 4.3 2.4 7.1





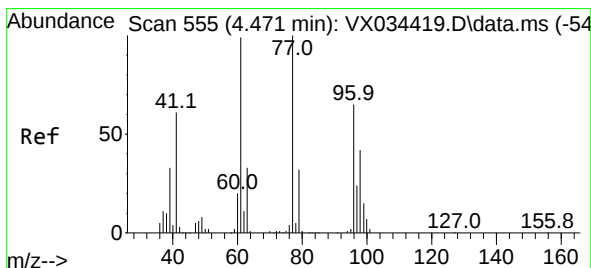
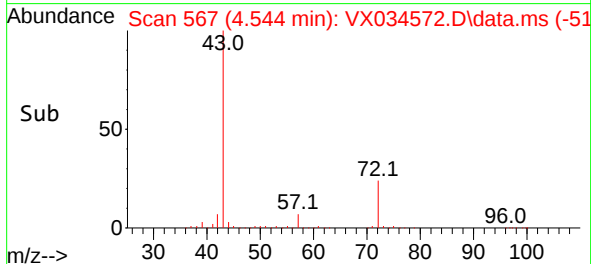
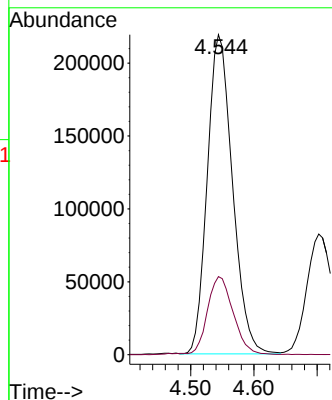
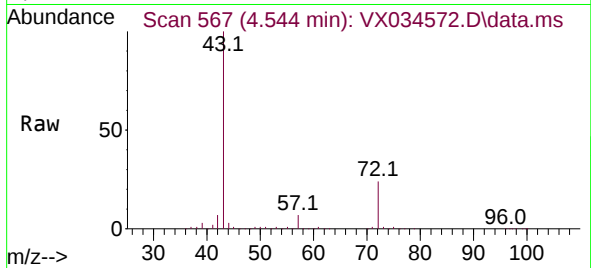
#25
2-Butanone
Concen: 238.239 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 606754
Ion Ratio Lower Upper
43 100
72 24.4 19.3 28.9

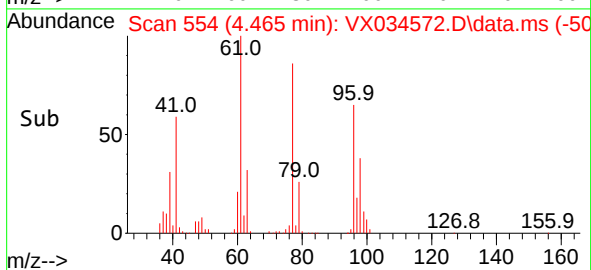
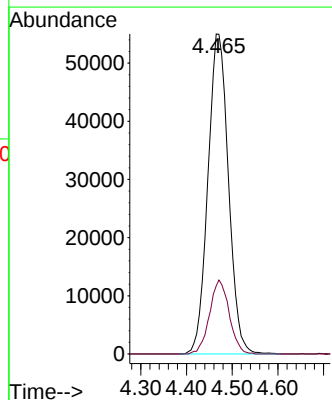
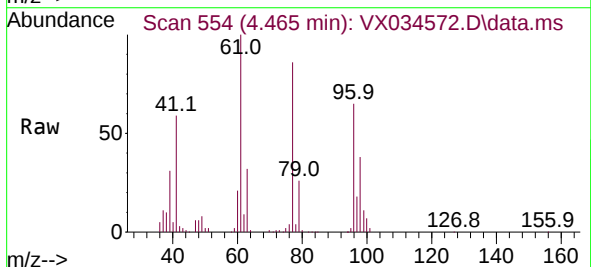
Manual Integrations
APPROVED

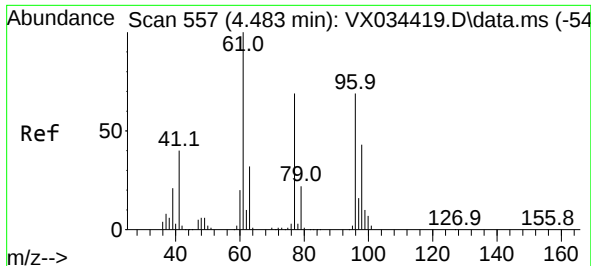
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#26
2,2-Dichloropropane
Concen: 33.452 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion: 77 Resp: 171795
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.687 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 17335

Ion Ratio Lower Upper

96 100

61 145.0 0.0 300.4

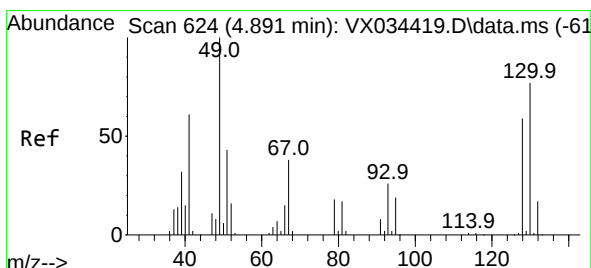
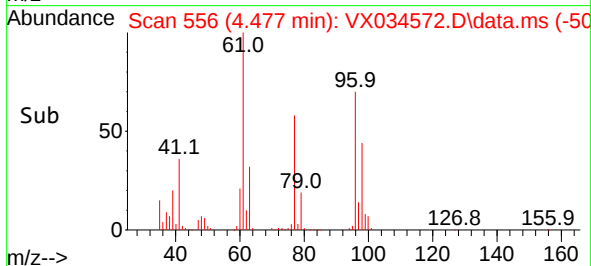
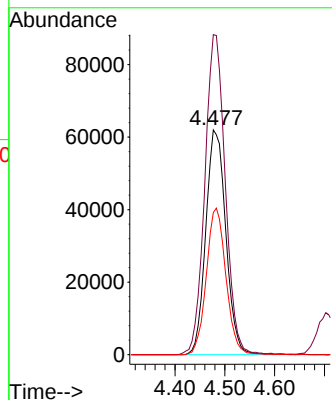
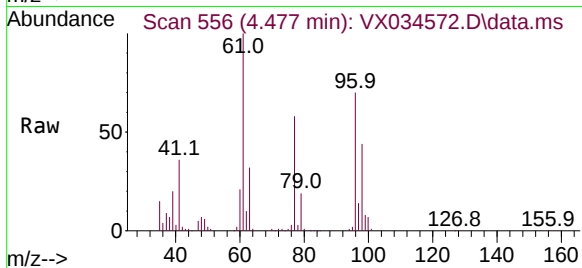
98 63.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#28

Bromochloromethane

Concen: 49.909 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

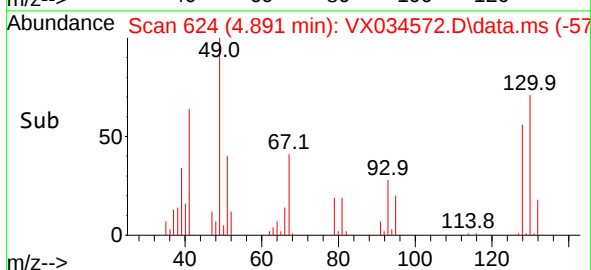
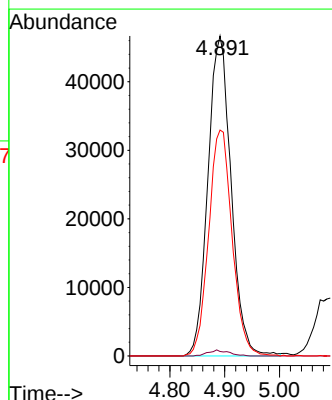
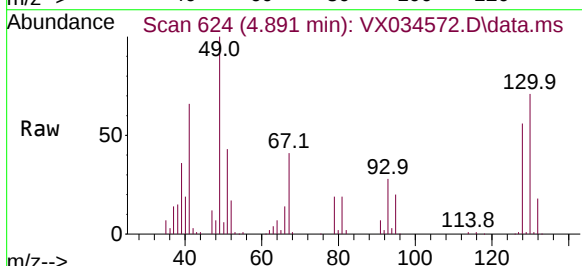
Tgt Ion: 49 Resp: 137105

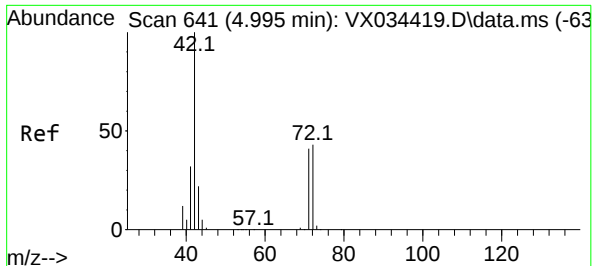
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 71.5 58.2 87.2





#29

Tetrahydrofuran

Concen: 251.656 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 39548

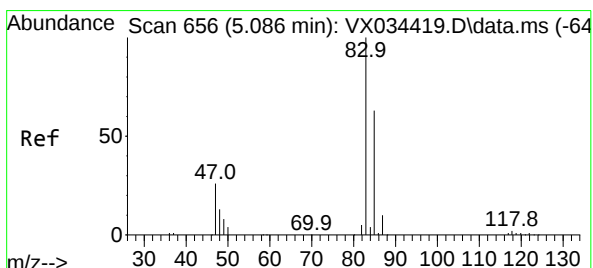
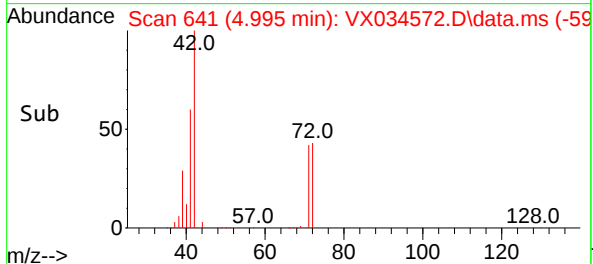
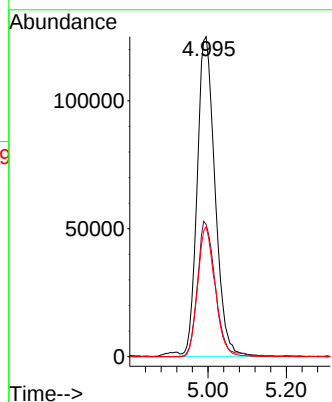
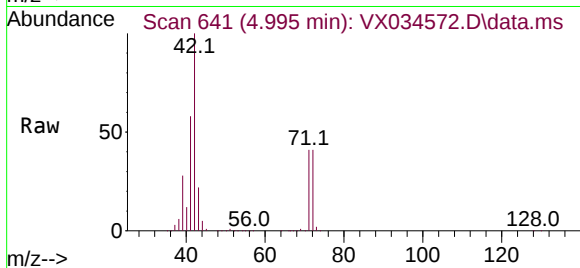
Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.5	51.7
71	39.6	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#30

Chloroform

Concen: 51.166 ug/l

RT: 5.087 min Scan# 656

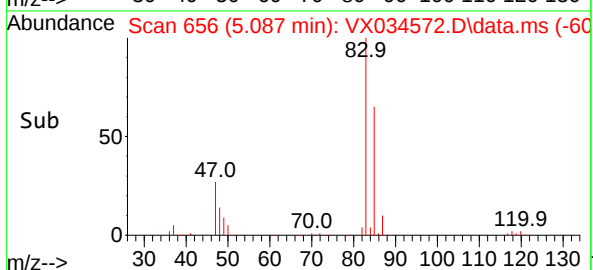
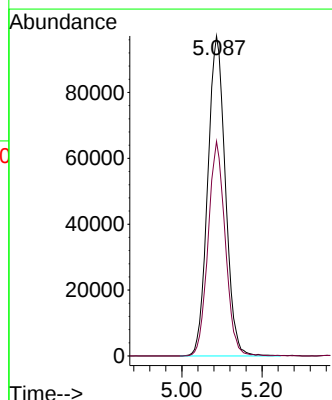
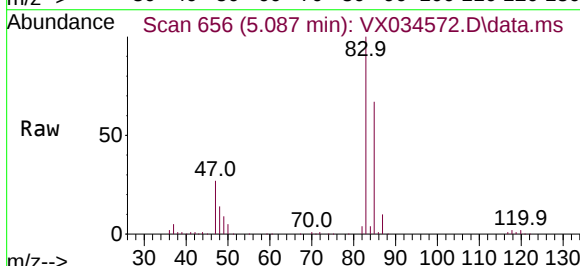
Delta R.T. 0.000 min

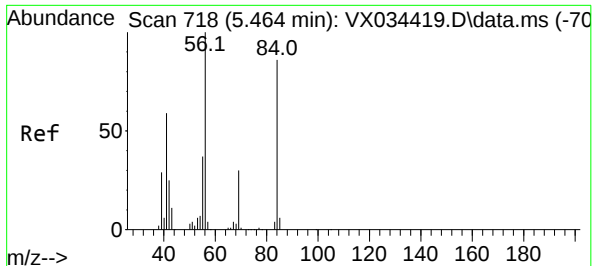
Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Tgt Ion: 83 Resp: 296324

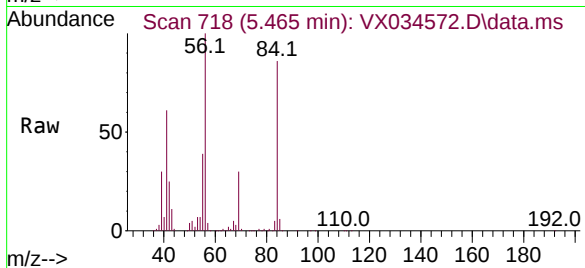
Ion	Ratio	Lower	Upper
83	100		
85	67.0	50.6	76.0





#31
Cyclohexane
Concen: 47.025 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

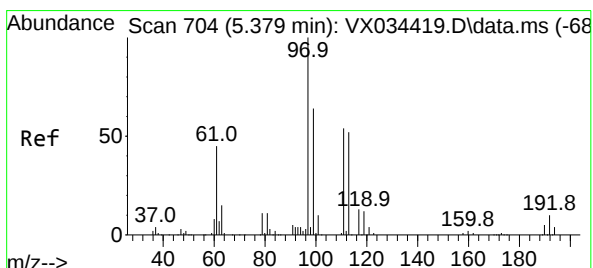
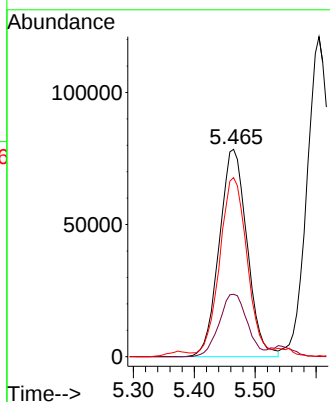
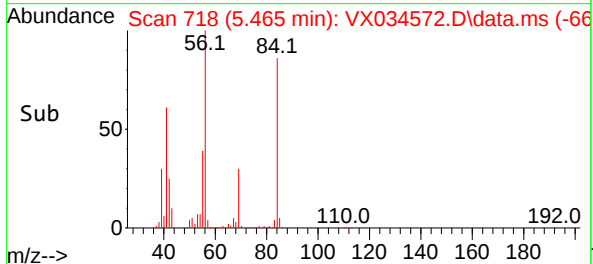
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 249204
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 83.6 68.5 102.7

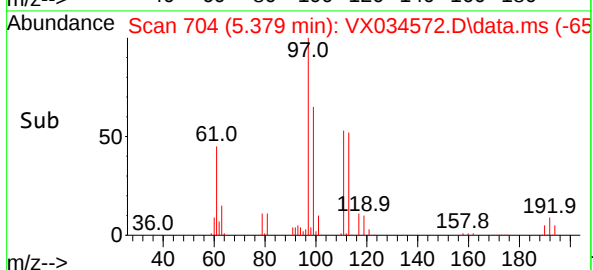
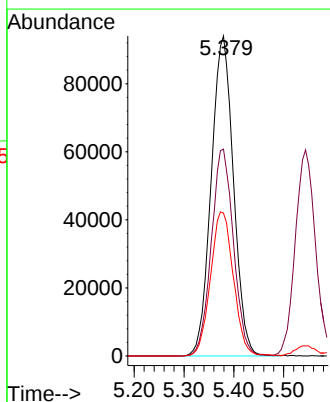
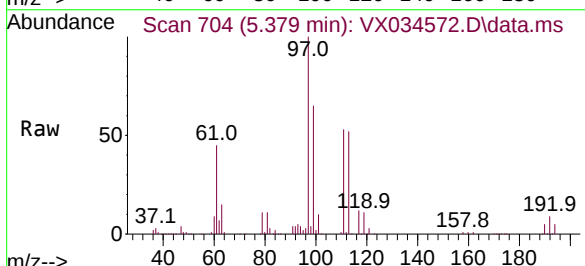
Manual Integrations
APPROVED

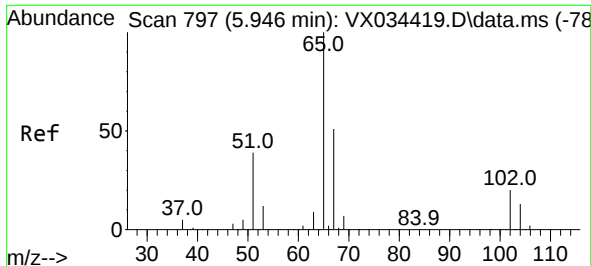
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#32
1,1,1-Trichloroethane
Concen: 56.827 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion: 97 Resp: 291347
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 46.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.904 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 19990

Ion Ratio Lower Upper

65 100

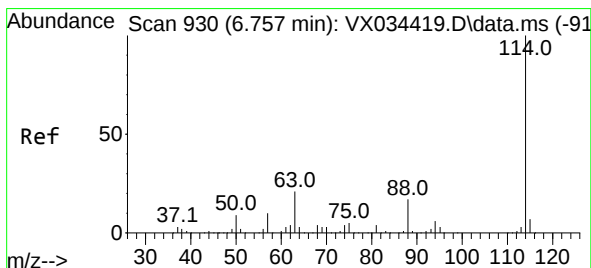
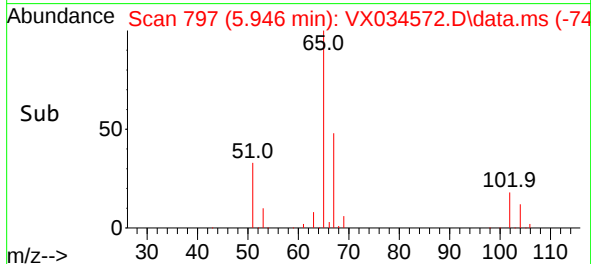
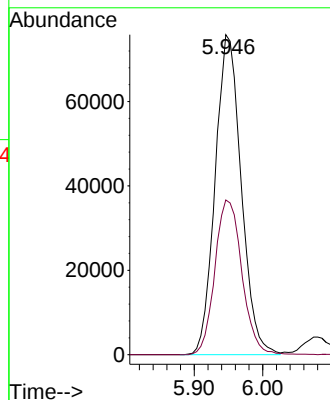
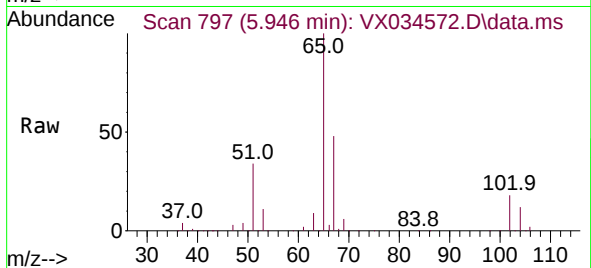
67 50.2 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

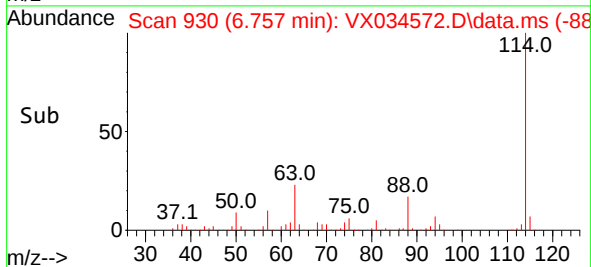
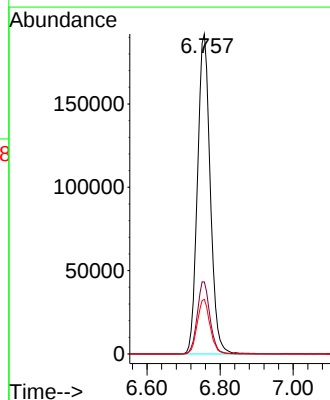
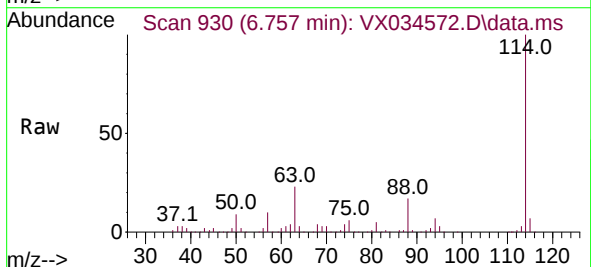
Tgt Ion:114 Resp: 466702

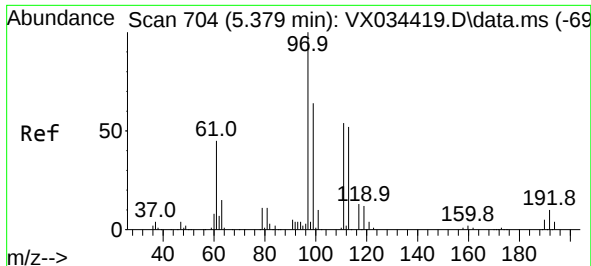
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.2

88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.149 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX034572.D

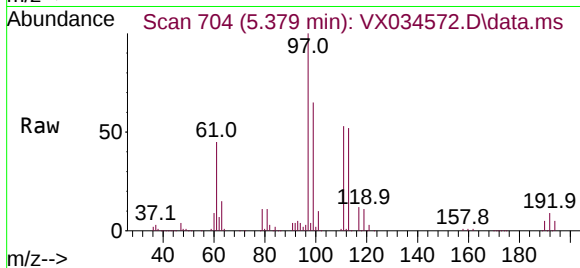
Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



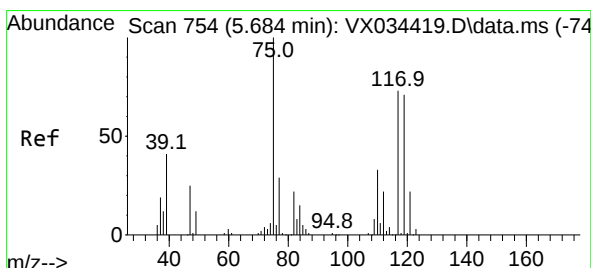
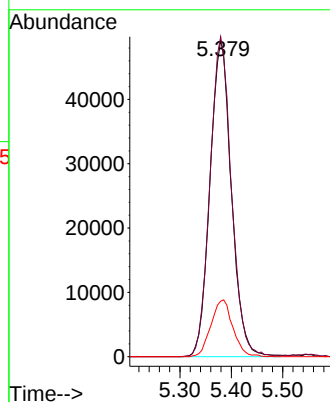
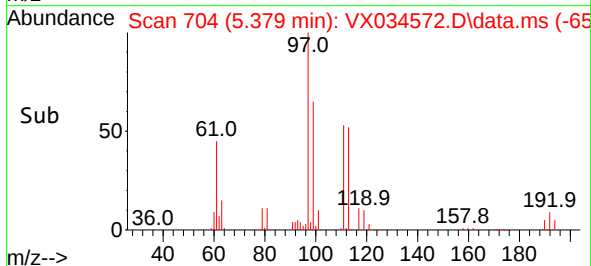
Tgt Ion:	113	Resp:	142204
Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.7	125.5
192	18.4	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#36

1,1-Dichloropropene

Concen: 47.225 ug/l

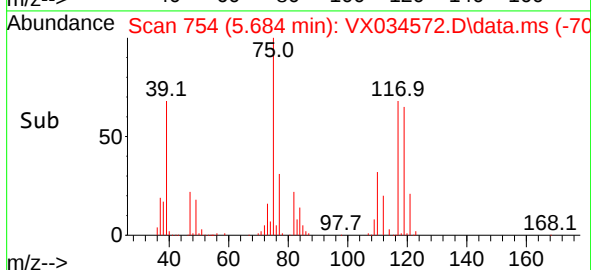
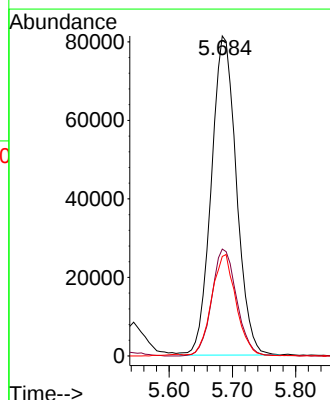
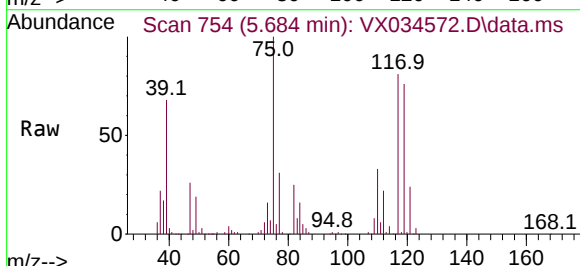
RT: 5.684 min Scan# 754

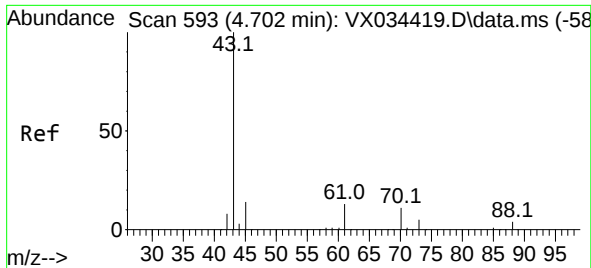
Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

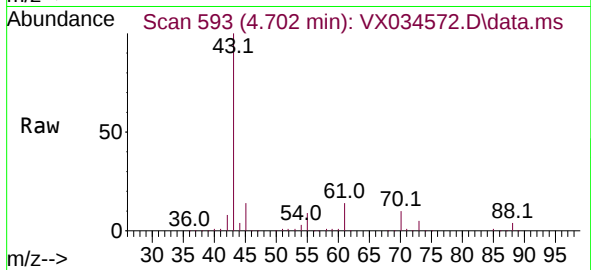
Tgt Ion:	75	Resp:	223507
Ion	Ratio	Lower	Upper
75	100		
110	33.4	17.5	52.5
77	31.3	24.3	36.5





#37
Ethyl Acetate
Concen: 46.089 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

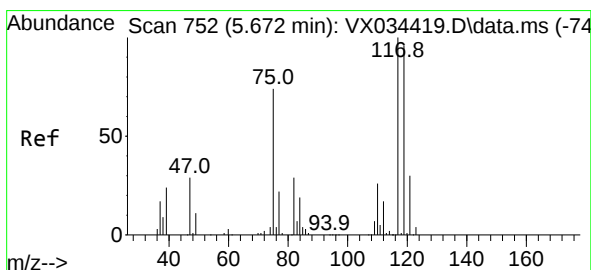
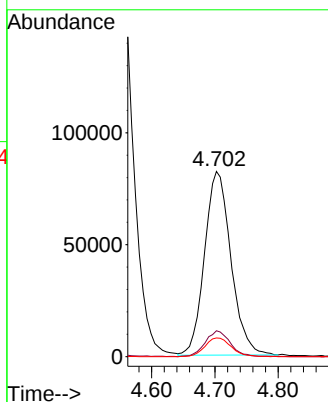
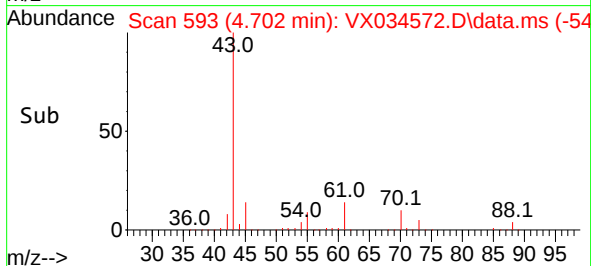
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 238299
Ion Ratio Lower Upper
43 100
61 13.5 10.2 15.4
70 10.2 8.2 12.4

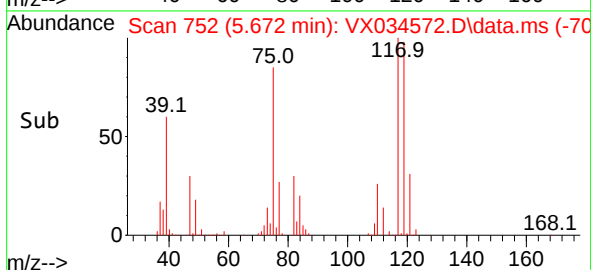
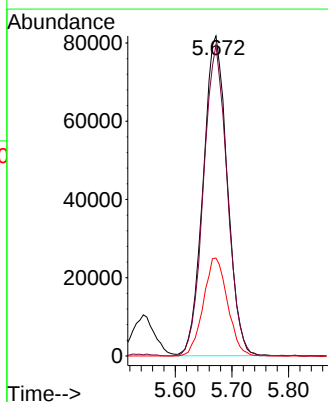
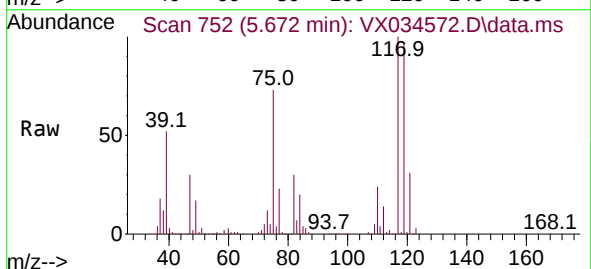
Manual Integrations
APPROVED

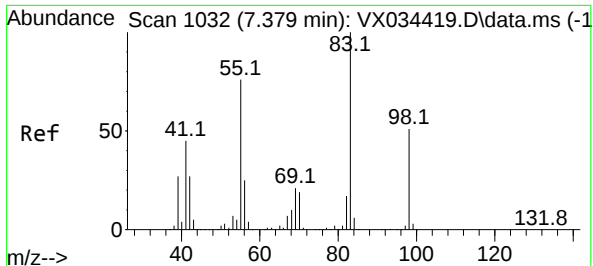
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#38
Carbon Tetrachloride
Concen: 51.274 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion:117 Resp: 241413
Ion Ratio Lower Upper
117 100
119 97.3 76.6 114.8
121 30.6 23.8 35.6





#39

Methylcyclohexane

Concen: 43.803 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 248094

Ion Ratio Lower Upper

83 100

55 80.3 60.5 90.7

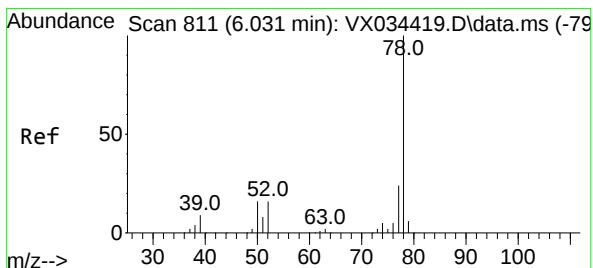
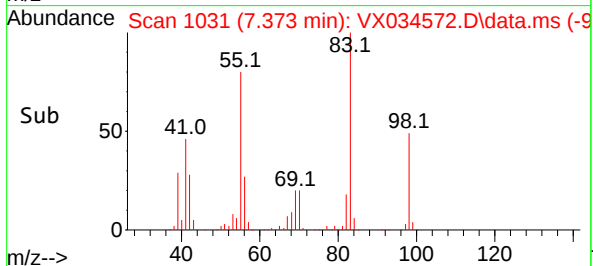
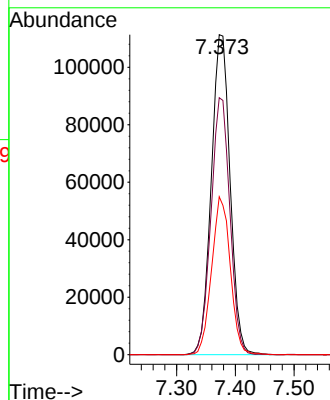
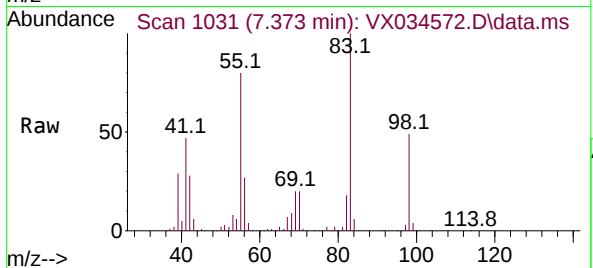
98 49.4 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#40

Benzene

Concen: 47.741 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX034572.D

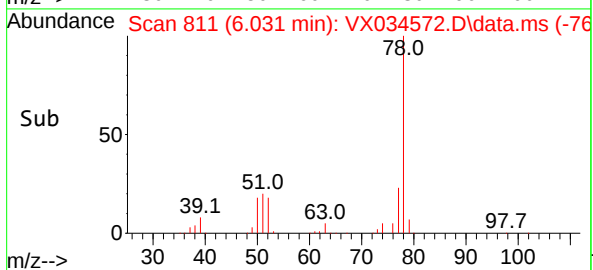
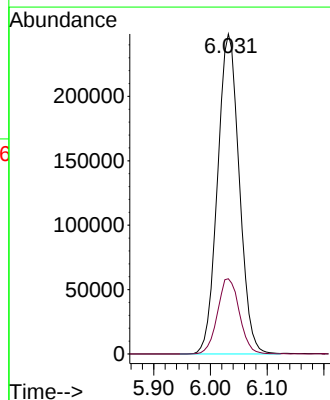
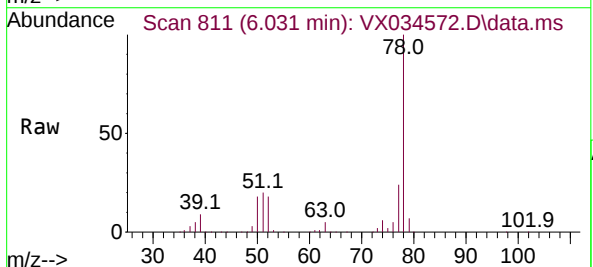
Acq: 17 Mar 2023 08:59

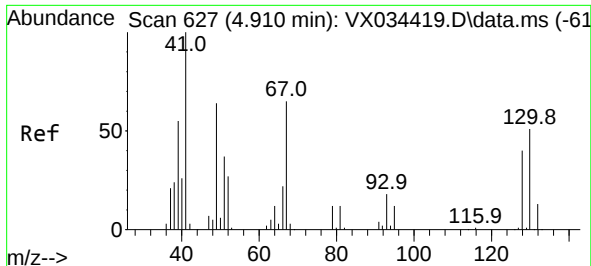
Tgt Ion: 78 Resp: 660990

Ion Ratio Lower Upper

78 100

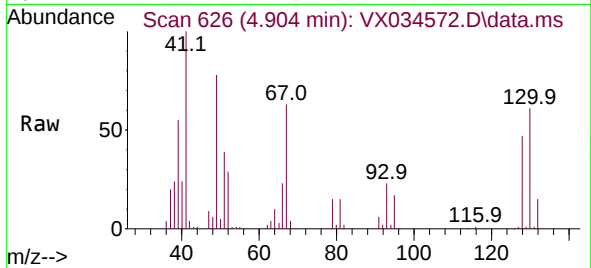
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 48.581 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

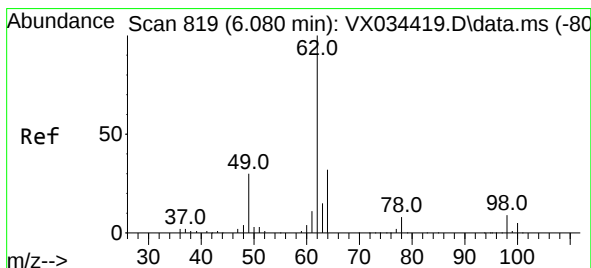
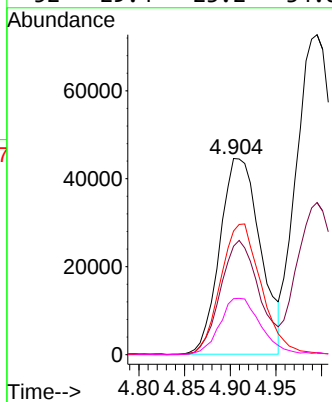
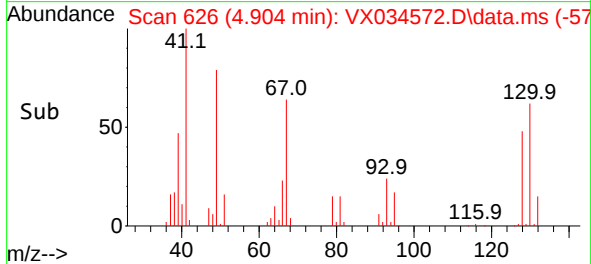
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 137660
Ion Ratio Lower Upper
41 100
39 56.1 45.0 67.6
67 66.9 55.6 83.4
52 29.4 23.2 34.8

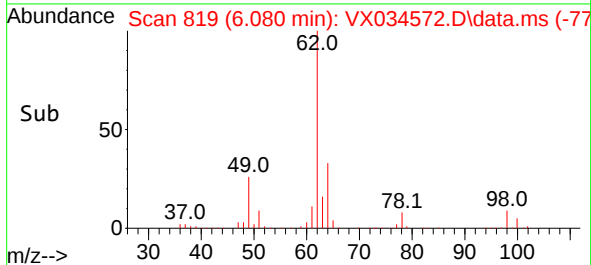
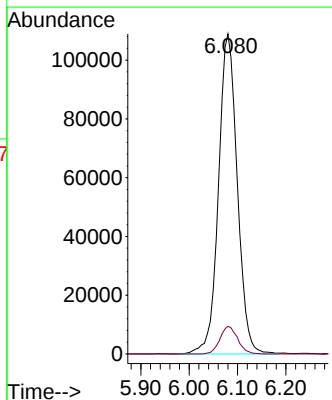
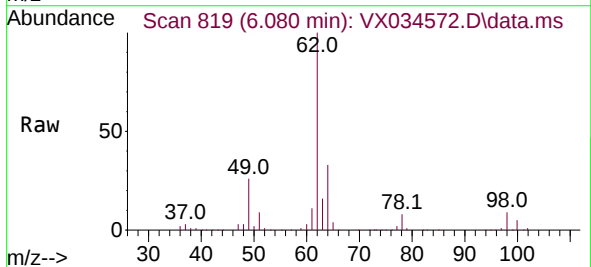
Manual Integrations
APPROVED

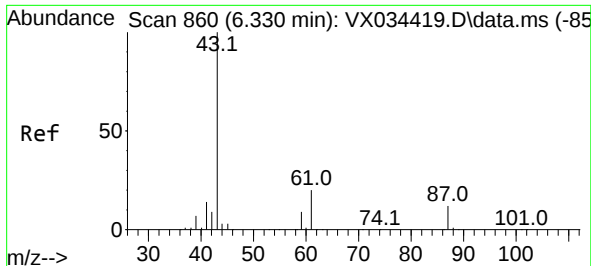
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#42
1,2-Dichloroethane
Concen: 57.748 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

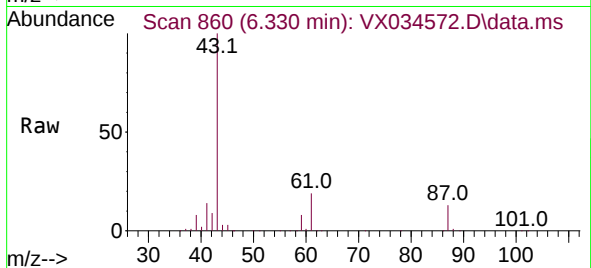
Tgt Ion: 62 Resp: 293842
Ion Ratio Lower Upper
62 100
98 8.1 0.0 18.0





#43
Isopropyl Acetate
Concen: 51.931 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

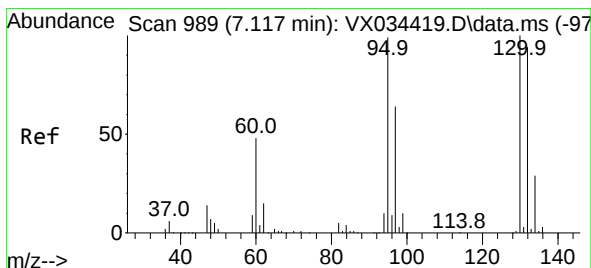
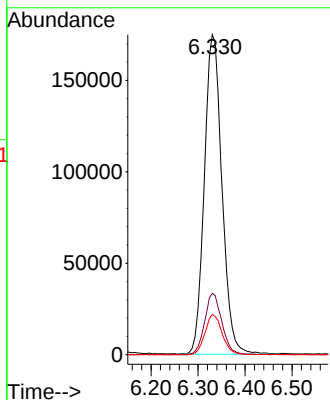
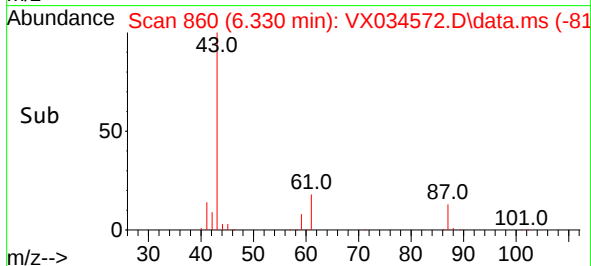
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



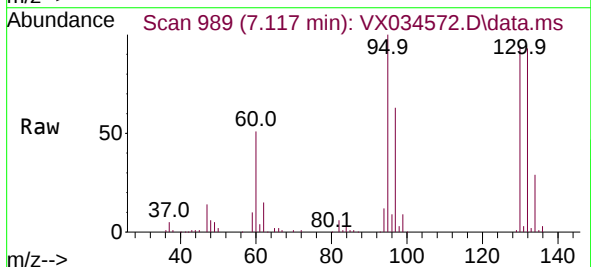
Tgt Ion: 43 Resp: 454874
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 12.3 9.8 14.8

Manual Integrations
APPROVED

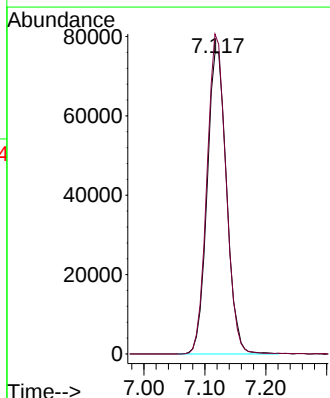
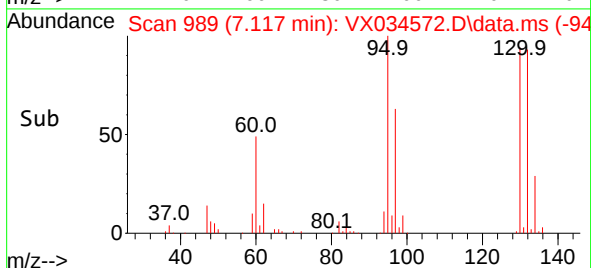
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

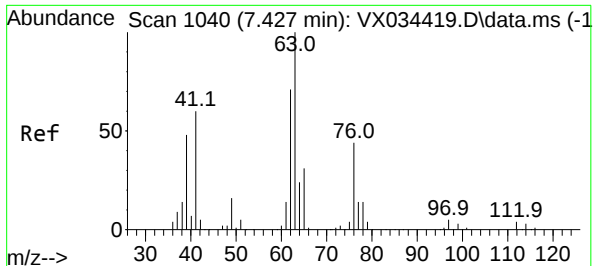


#44
Trichloroethene
Concen: 47.258 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59



Tgt Ion:130 Resp: 170004
Ion Ratio Lower Upper
130 100
95 106.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 50.395 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 18218

Ion Ratio Lower Upper

63 100

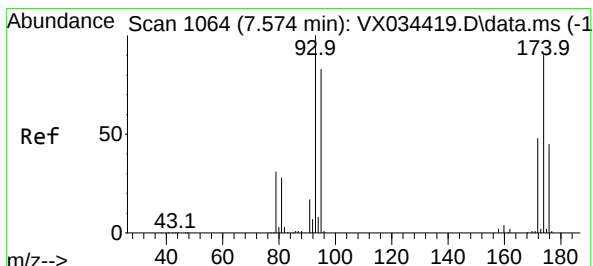
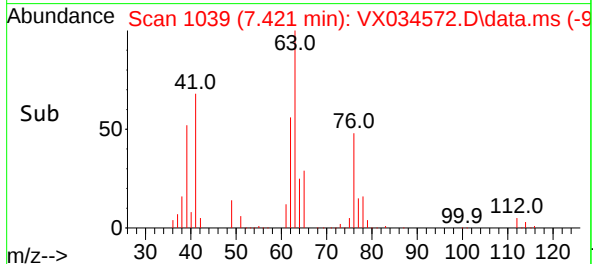
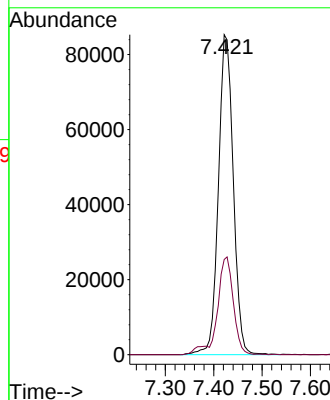
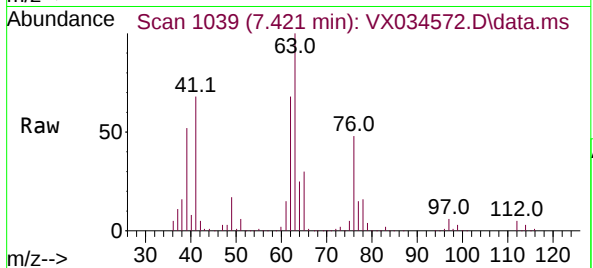
65 29.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#46

Dibromomethane

Concen: 52.570 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

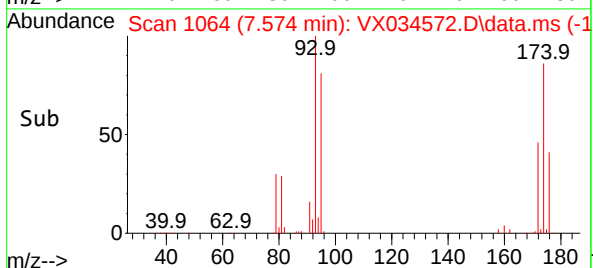
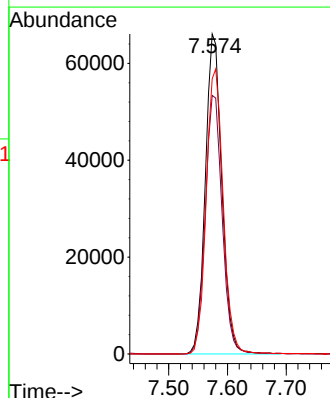
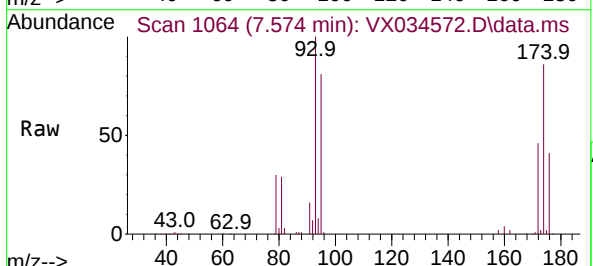
Tgt Ion: 93 Resp: 129201

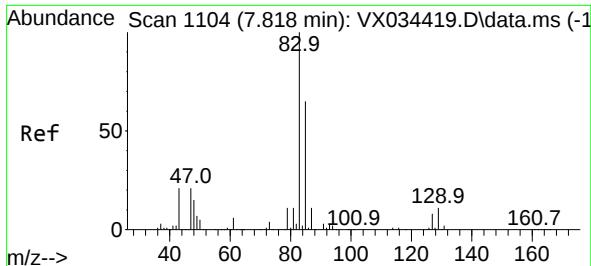
Ion Ratio Lower Upper

93 100

95 82.7 66.9 100.3

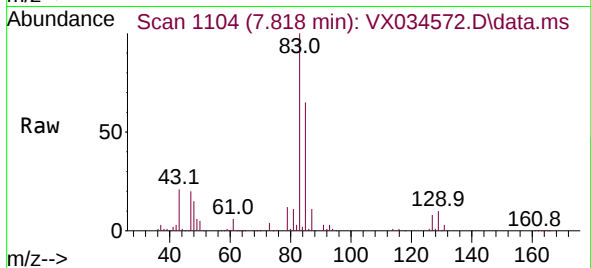
174 91.4 75.4 113.0





#47
Bromodichloromethane
Concen: 54.822 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

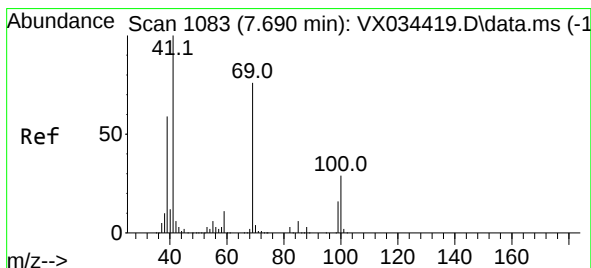
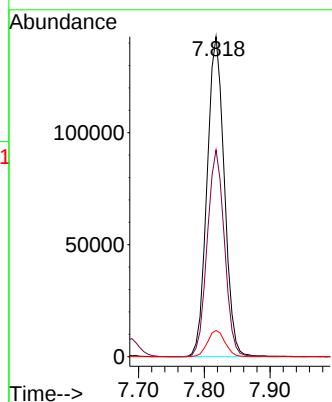
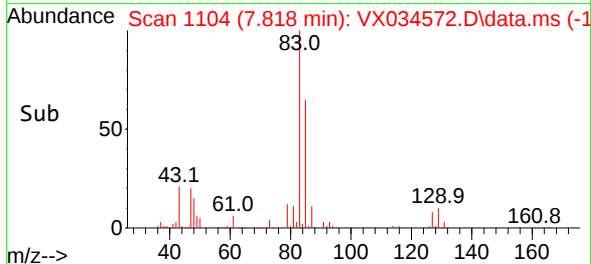
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



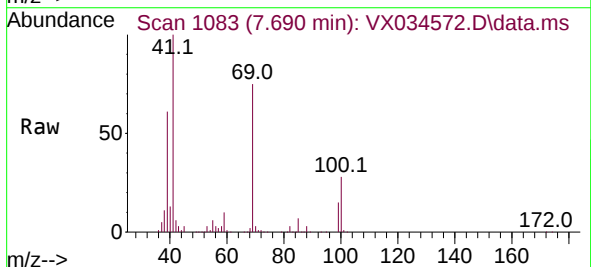
Tgt Ion: 83 Resp: 26076
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4
127 8.2 6.6 9.8

Manual Integrations
APPROVED

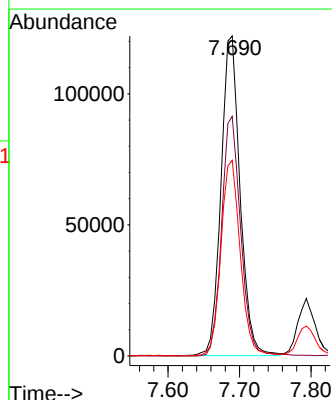
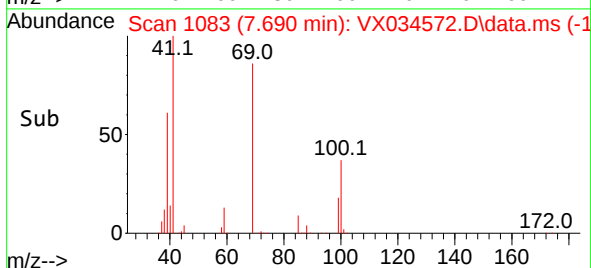
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

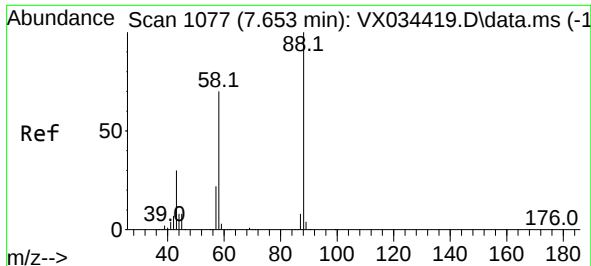


#48
Methyl methacrylate
Concen: 53.685 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59



Tgt Ion: 41 Resp: 226158
Ion Ratio Lower Upper
41 100
69 75.0 62.2 93.4
39 61.9 47.7 71.5





#49

1,4-Dioxane

Concen: 993.422 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 87900

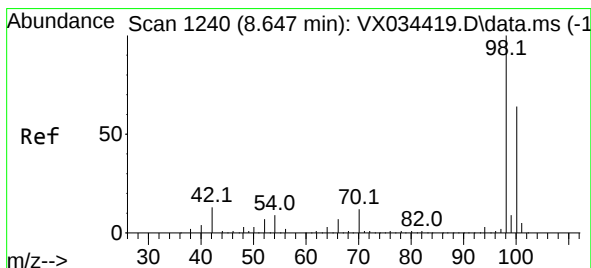
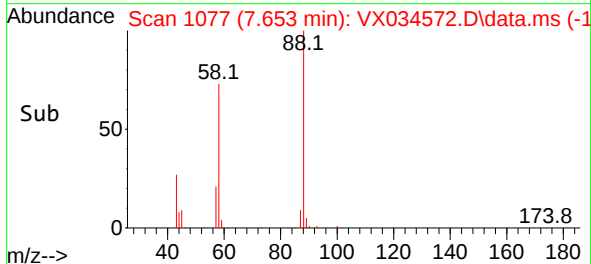
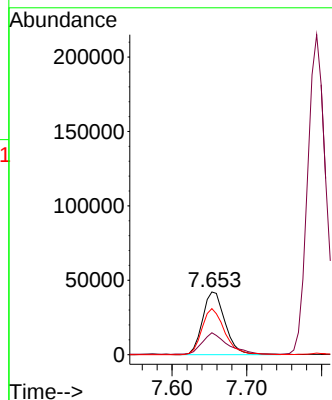
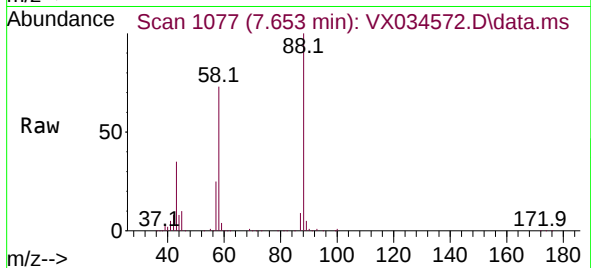
Ion	Ratio	Lower	Upper
88	100		
43	39.4	27.7	41.5
58	74.1	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#50

Toluene-d8

Concen: 42.645 ug/l

RT: 8.647 min Scan# 1240

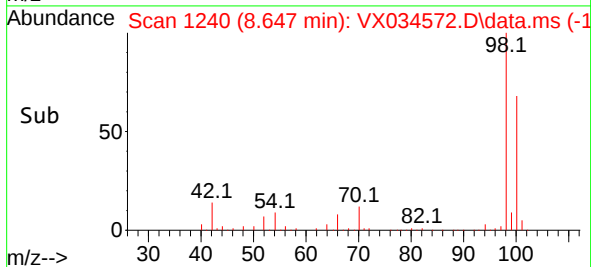
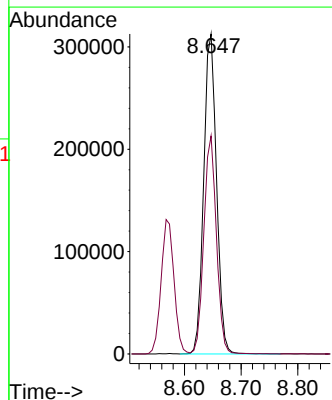
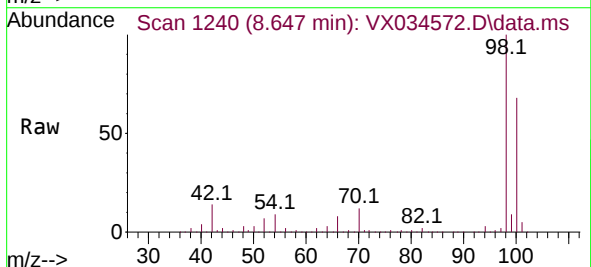
Delta R.T. 0.000 min

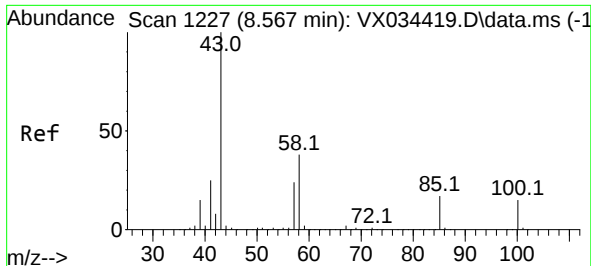
Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Tgt Ion: 98 Resp: 490550

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.5	78.7





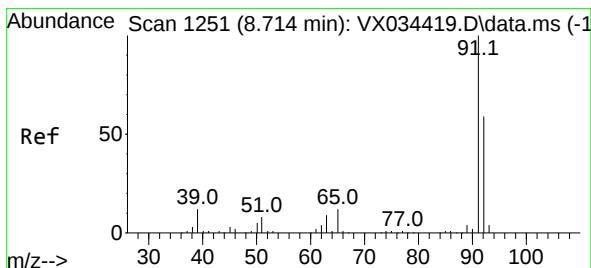
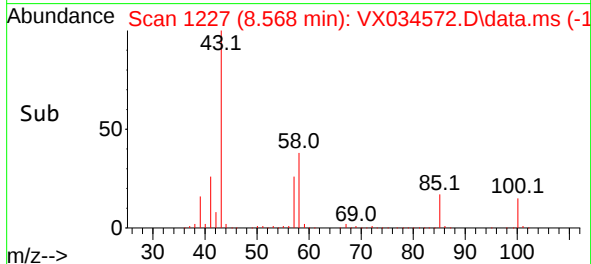
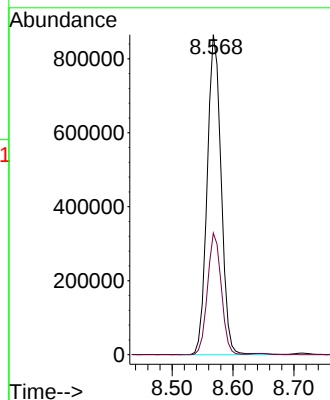
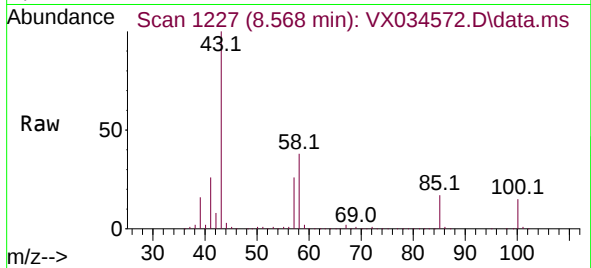
#51
4-Methyl-2-Pentanone
Concen: 270.314 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 137353
Ion Ratio Lower Upper
43 100
58 37.6 30.6 46.0

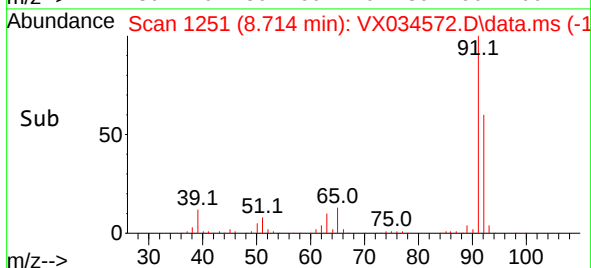
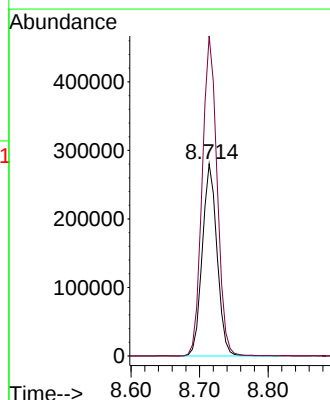
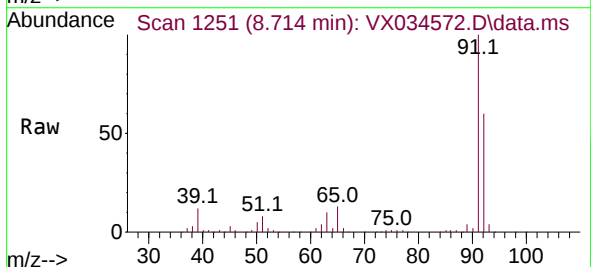
Manual Integrations
APPROVED

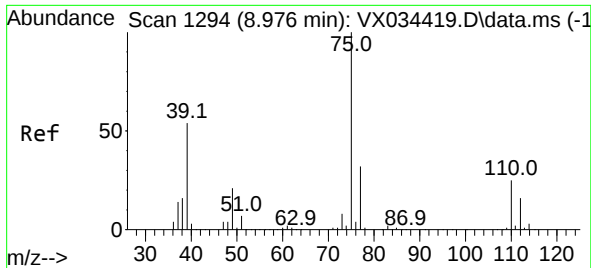
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#52
Toluene
Concen: 49.096 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion: 92 Resp: 420836
Ion Ratio Lower Upper
92 100
91 168.3 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 50.116 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 268559

Ion Ratio Lower Upper

75 100

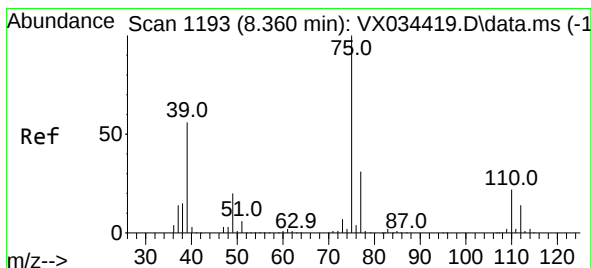
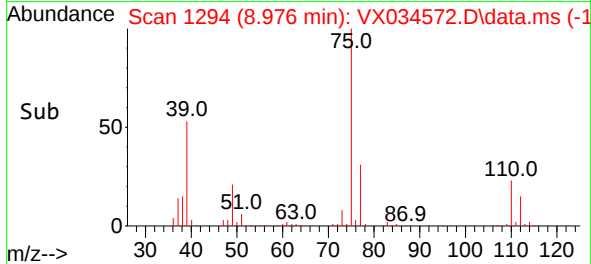
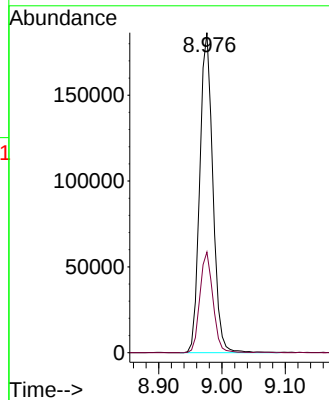
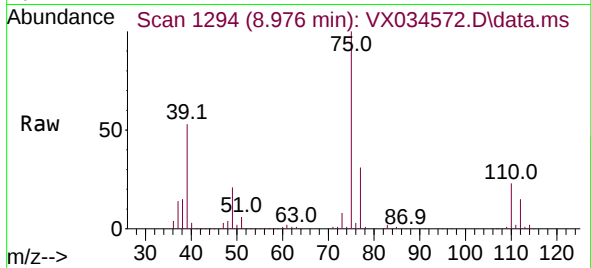
77 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#54

cis-1,3-Dichloropropene

Concen: 48.823 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

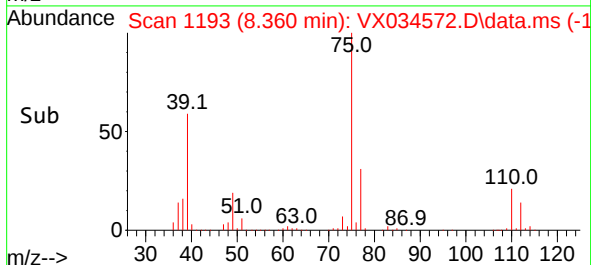
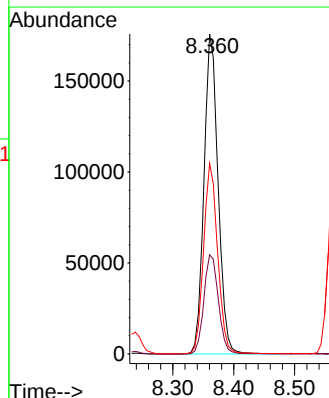
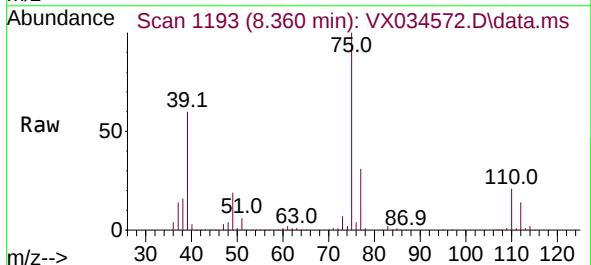
Tgt Ion: 75 Resp: 283059

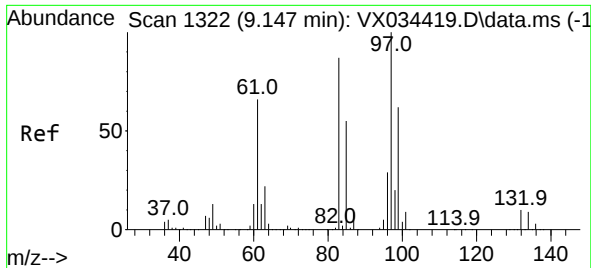
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

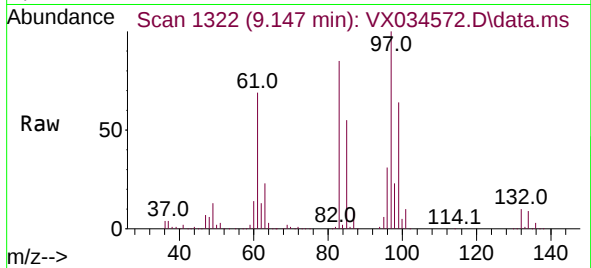
39 59.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 53.803 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

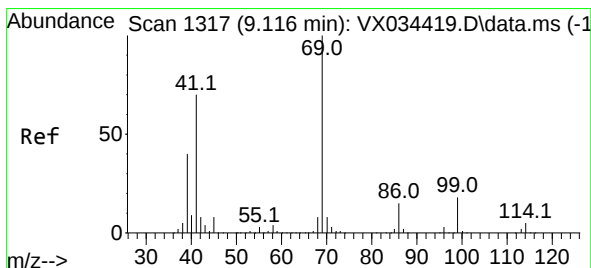
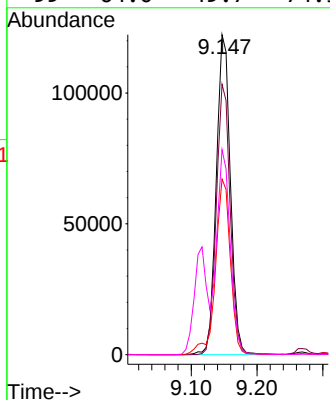
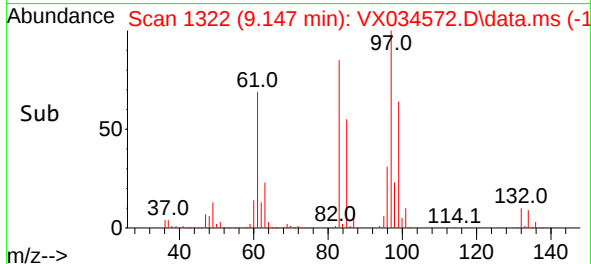
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



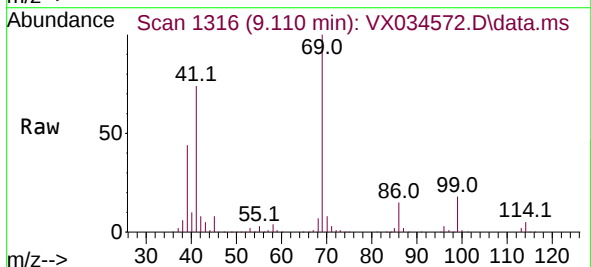
Tgt Ion: 97 Resp: 183028
Ion Ratio Lower Upper
97 100
83 84.5 69.7 104.5
85 54.9 43.7 65.5
99 64.0 49.7 74.5

Manual Integrations
APPROVED

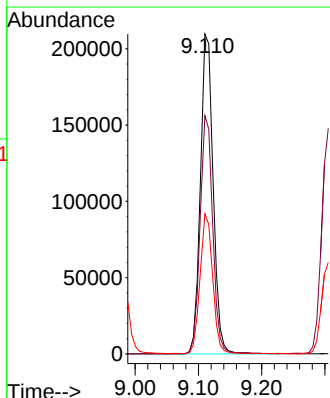
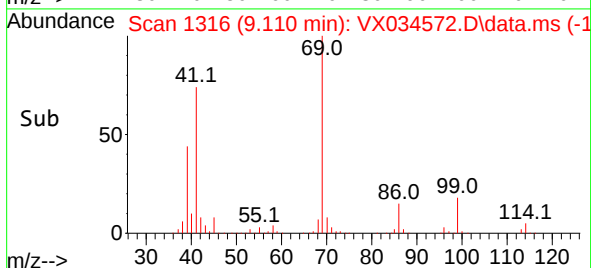
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

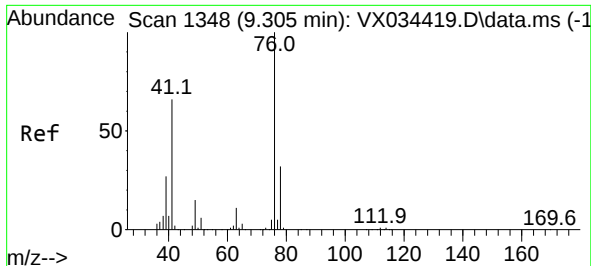


#56
Ethyl methacrylate
Concen: 52.901 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59



Tgt Ion: 69 Resp: 295471
Ion Ratio Lower Upper
69 100
41 73.8 57.4 86.0
39 43.1 33.7 50.5





#57

1,3-Dichloropropane

Concen: 51.754 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 31290

Ion Ratio Lower Upper

76 100

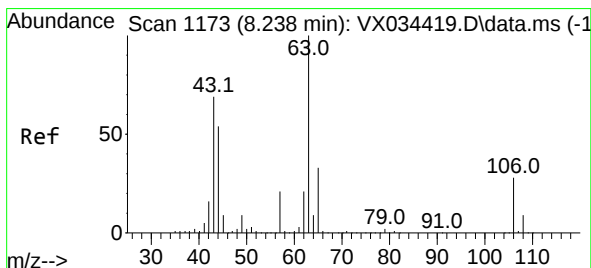
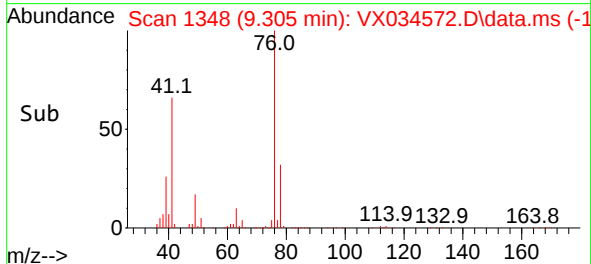
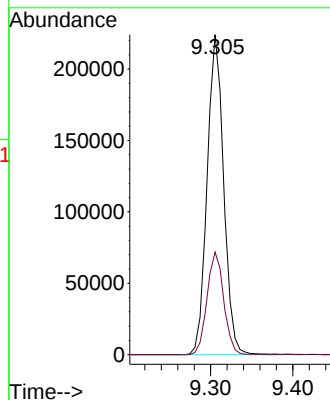
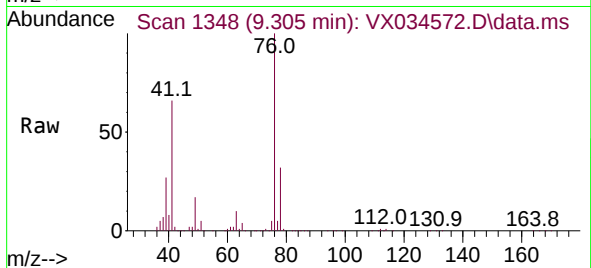
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 253.407 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034572.D

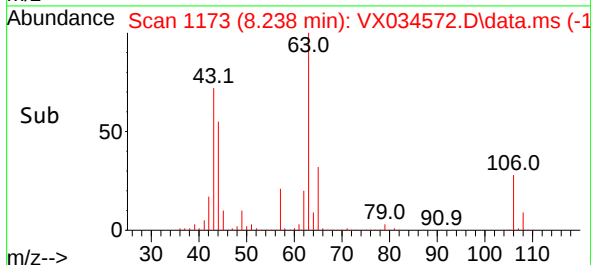
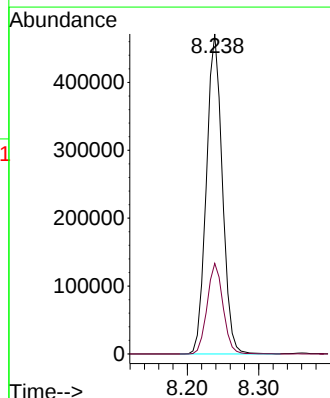
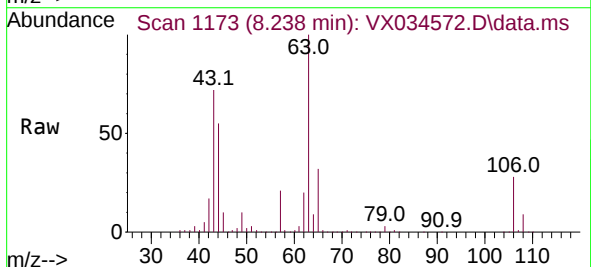
Acq: 17 Mar 2023 08:59

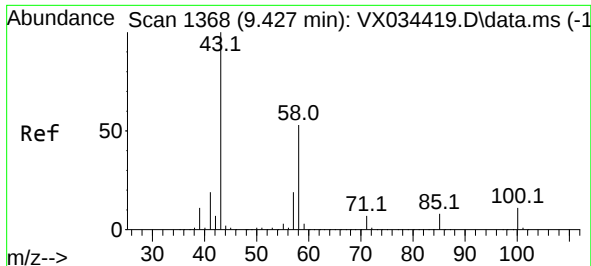
Tgt Ion: 63 Resp: 729426

Ion Ratio Lower Upper

63 100

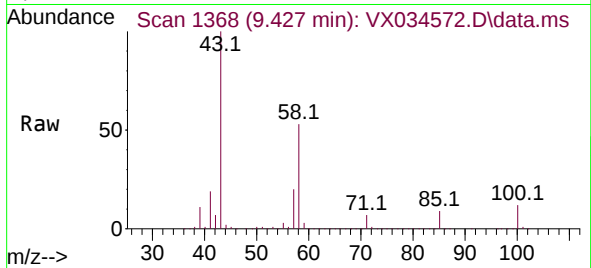
106 28.1 22.2 33.2





#59
2-Hexanone
Concen: 261.726 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

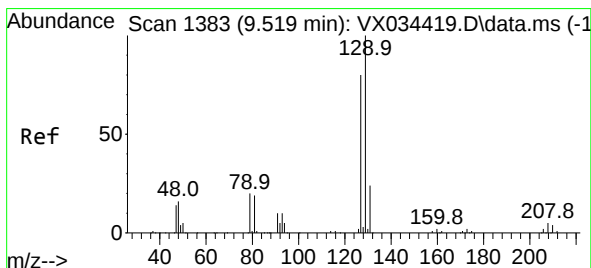
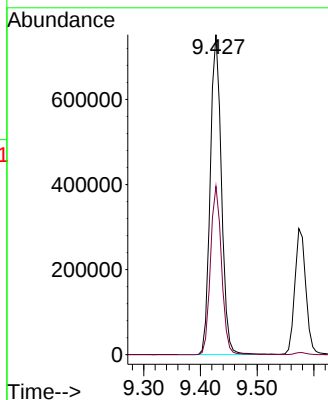
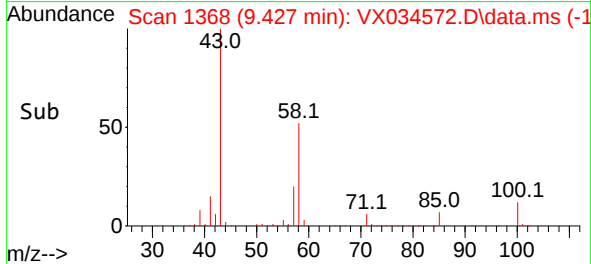
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1028029
Ion Ratio Lower Upper
43 100
58 52.3 26.3 78.9

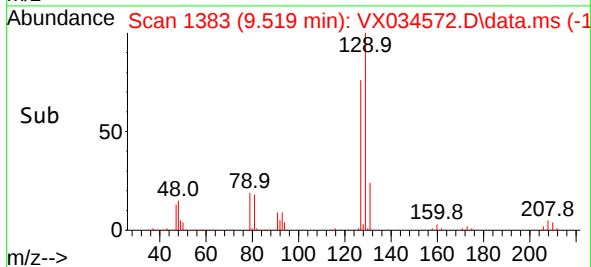
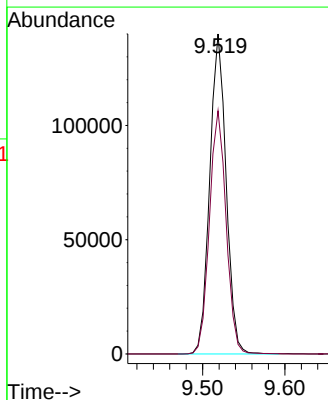
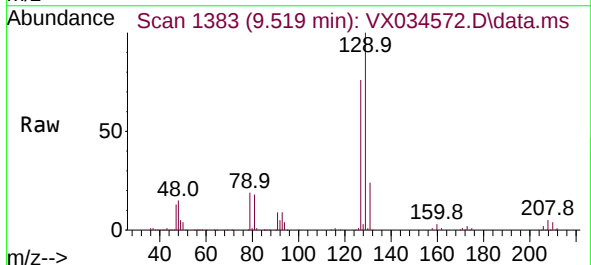
Manual Integrations
APPROVED

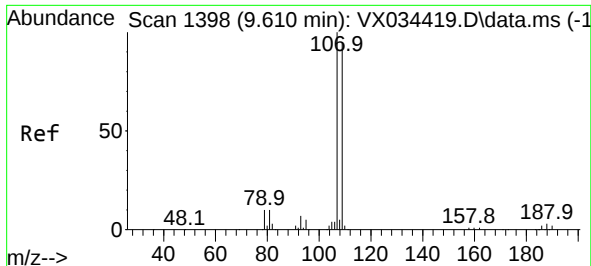
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#60
Dibromochloromethane
Concen: 54.383 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

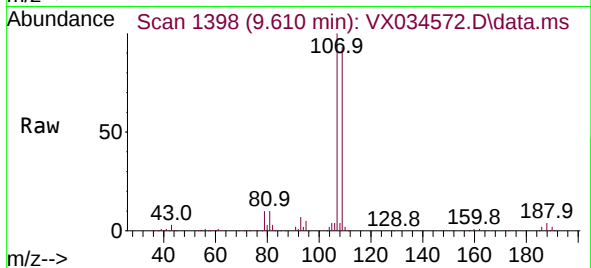
Tgt Ion:129 Resp: 194026
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 51.902 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

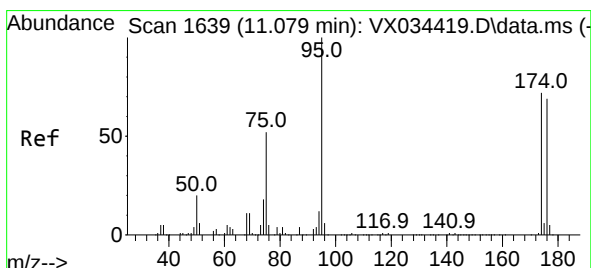
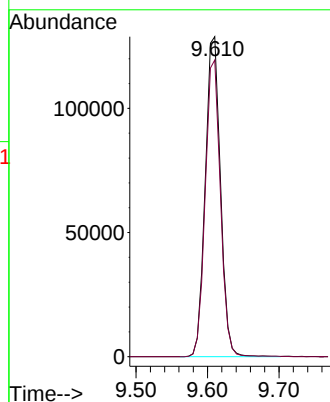
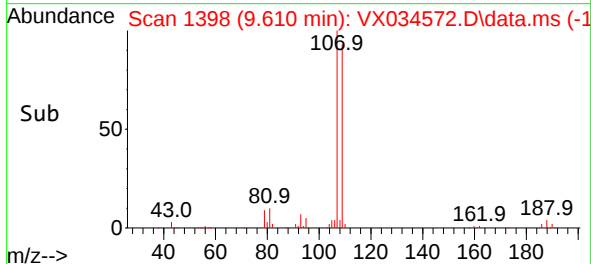
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



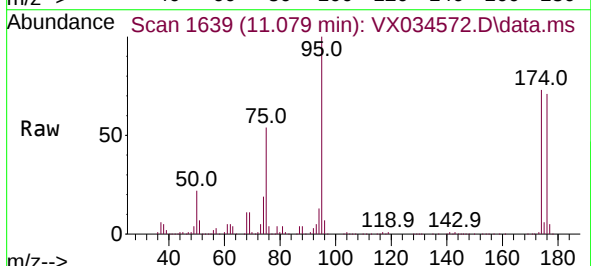
Tgt Ion:107 Resp: 190520
Ion Ratio Lower Upper
107 100
109 92.7 75.3 112.9

Manual Integrations
APPROVED

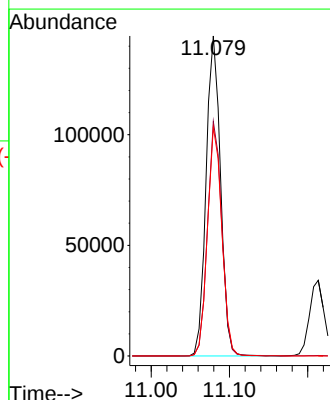
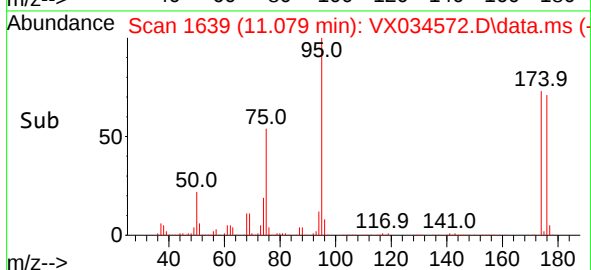
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

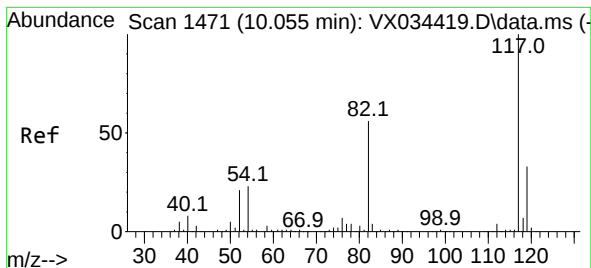


#62
4-Bromofluorobenzene
Concen: 39.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59



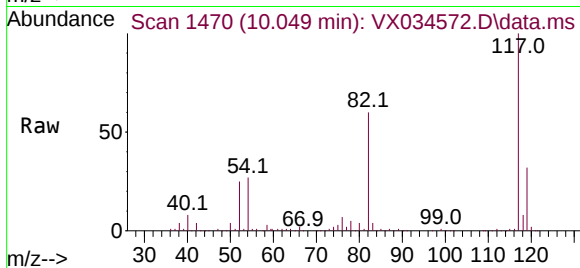
Tgt Ion: 95 Resp: 184222
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.4
176 71.4 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

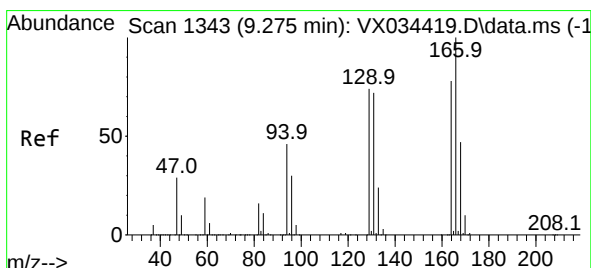
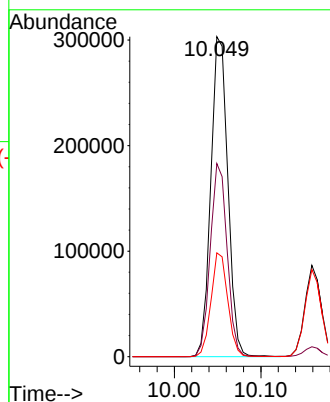
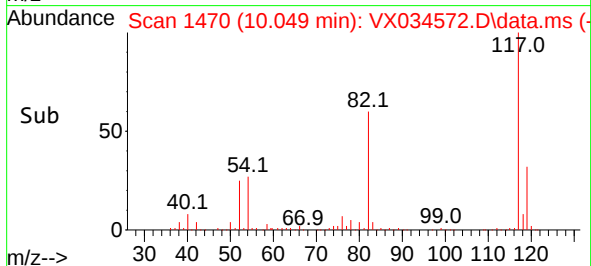
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 413824
Ion Ratio Lower Upper
117 100
82 60.3 45.0 67.4
119 32.5 26.0 39.0

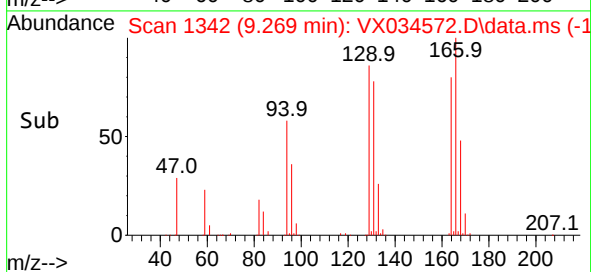
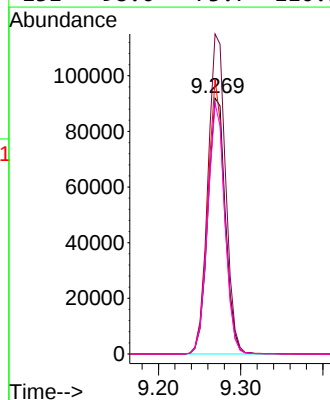
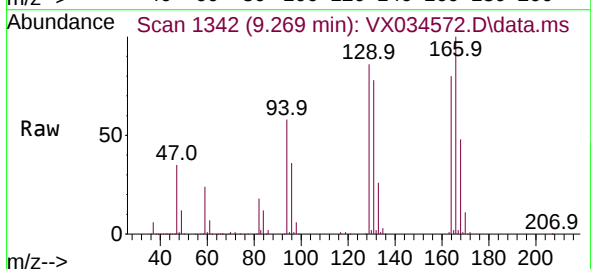
Manual Integrations
APPROVED

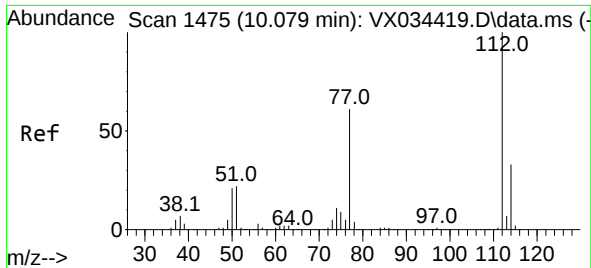
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#64
Tetrachloroethene
Concen: 49.022 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion:164 Resp: 136273
Ion Ratio Lower Upper
164 100
166 125.0 102.7 154.1
129 107.4 75.6 113.4
131 98.0 73.7 110.5





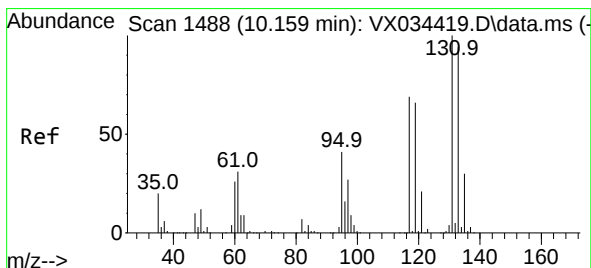
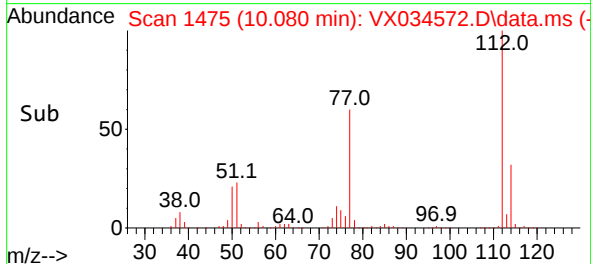
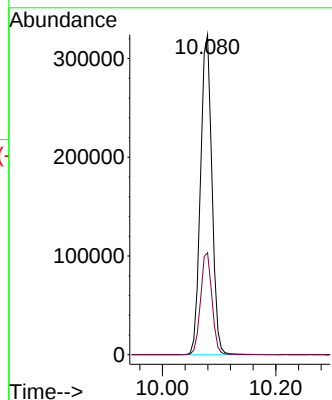
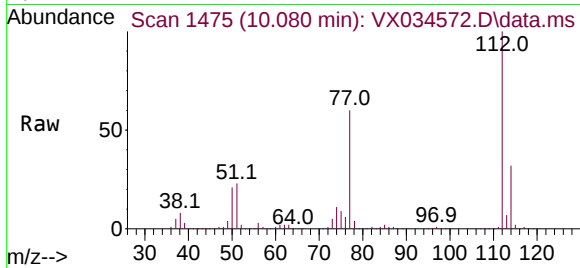
#65
Chlorobenzene
Concen: 49.782 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 45200
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

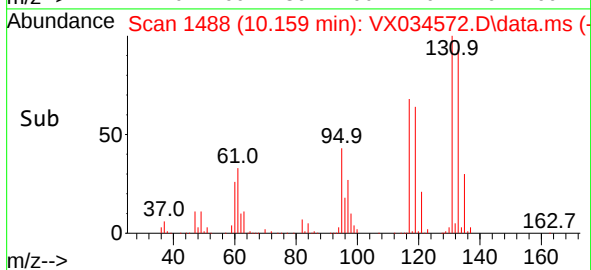
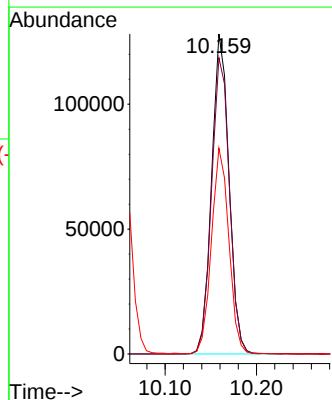
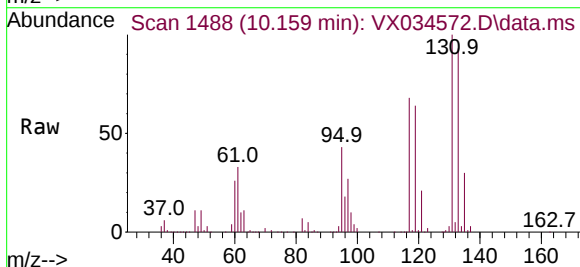
Manual Integrations
APPROVED

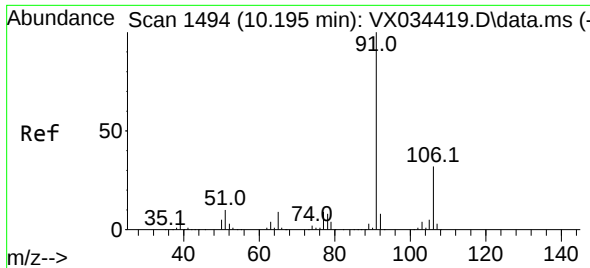
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.089 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion:131 Resp: 168947
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 64.4 32.6 98.0





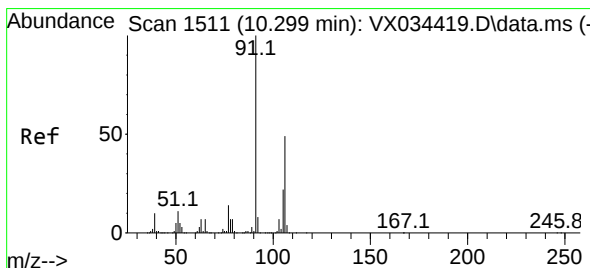
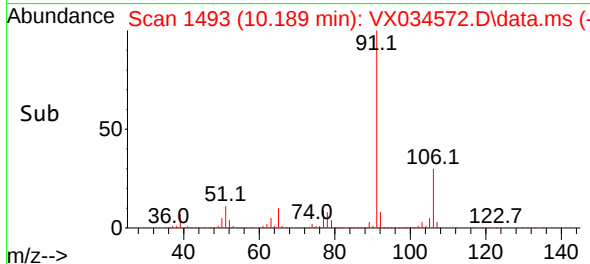
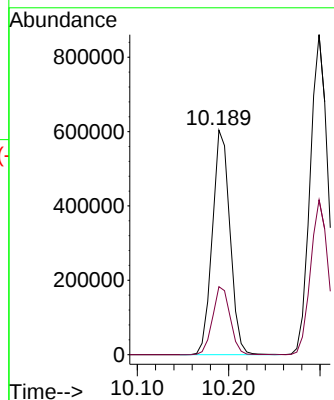
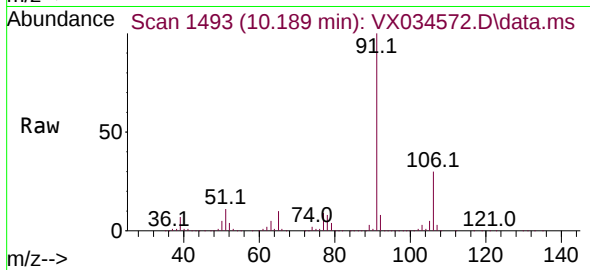
#67
Ethyl Benzene
Concen: 49.611 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 806415
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

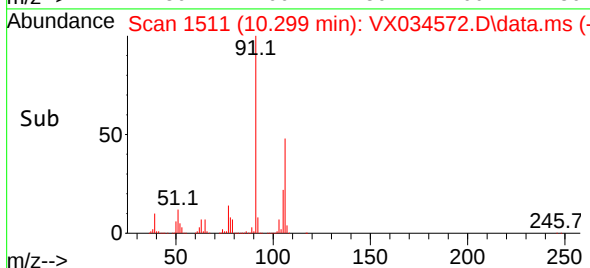
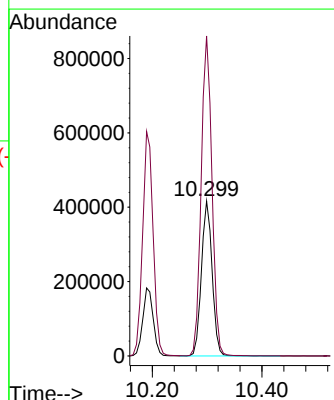
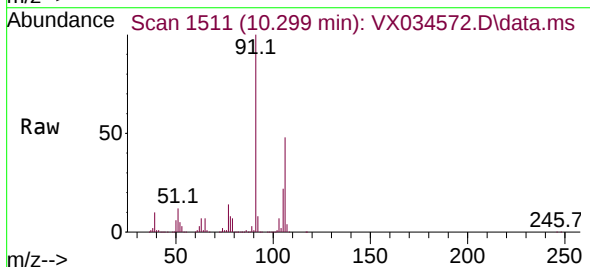
Manual Integrations
APPROVED

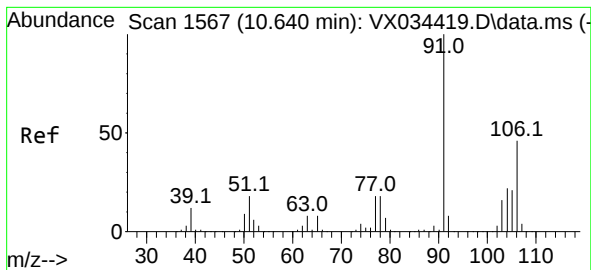
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#68
m/p-Xylenes
Concen: 90.355 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion:106 Resp: 564185
Ion Ratio Lower Upper
106 100
91 208.0 164.0 246.0





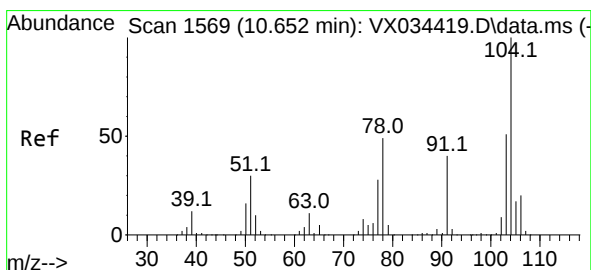
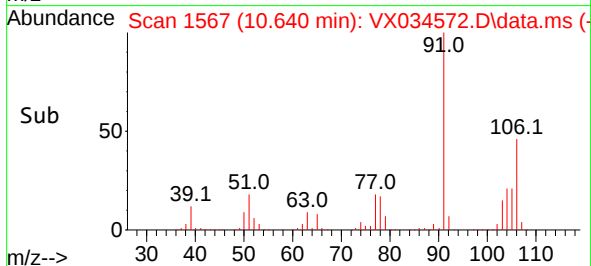
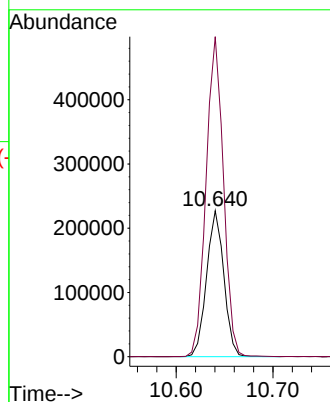
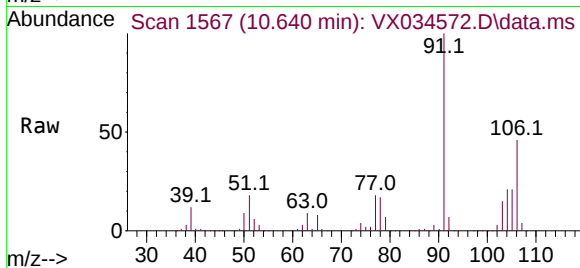
#69
o-Xylene
Concen: 45.163 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 283000
Ion Ratio Lower Upper
106 100
91 220.3 108.5 325.3

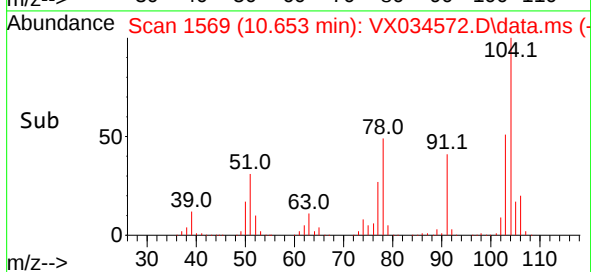
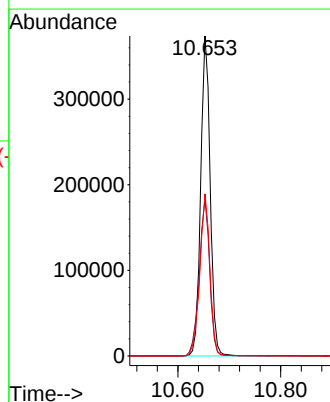
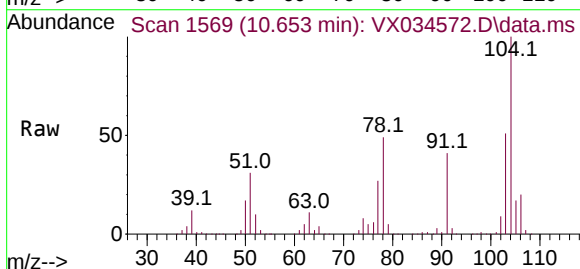
Manual Integrations
APPROVED

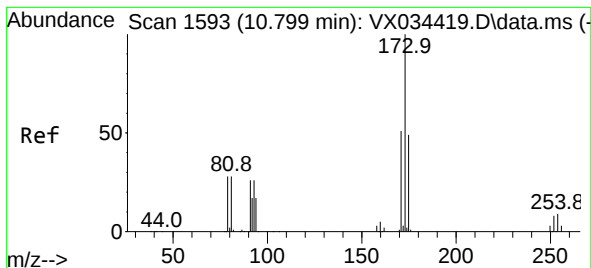
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#70
Styrene
Concen: 47.327 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion:104 Resp: 478466
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.2
103 54.1 44.2 66.2





#71

Bromoform

Concen: 47.958 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

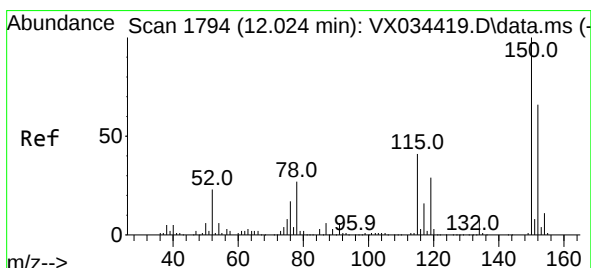
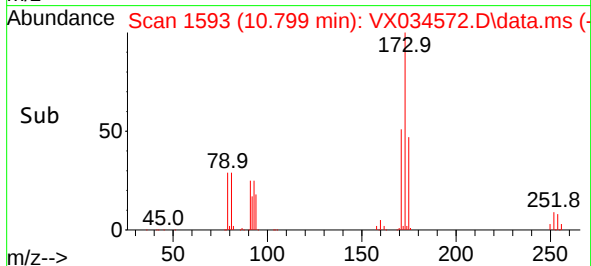
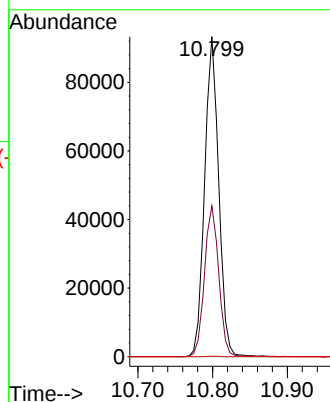
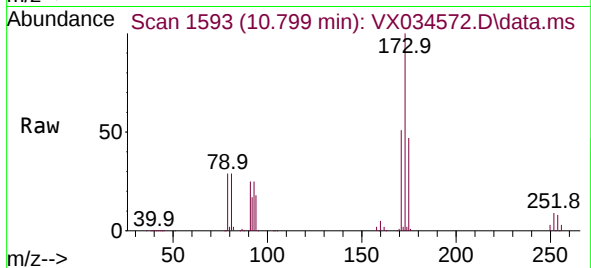
Tgt Ion:173	Resp: 12207
Ion Ratio	Lower Upper
173	100
175	47.8 24.1 72.4
254	0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

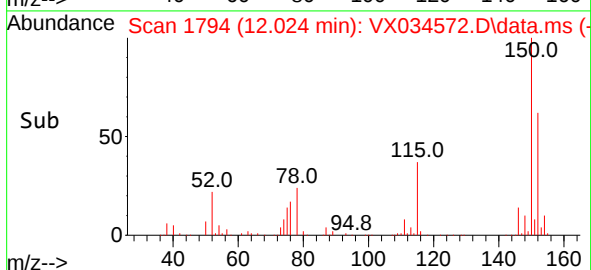
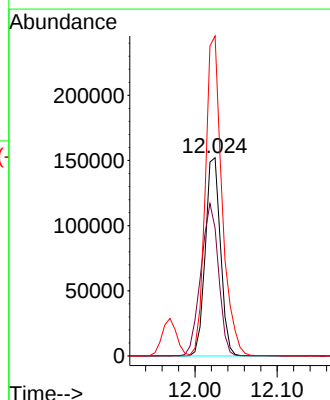
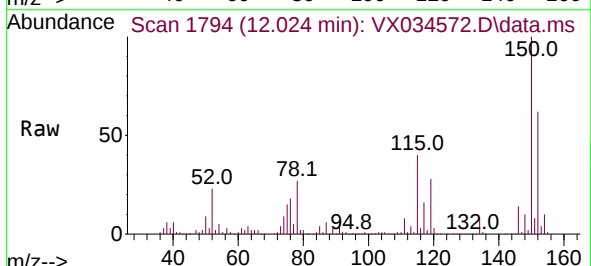
RT: 12.024 min Scan# 1794

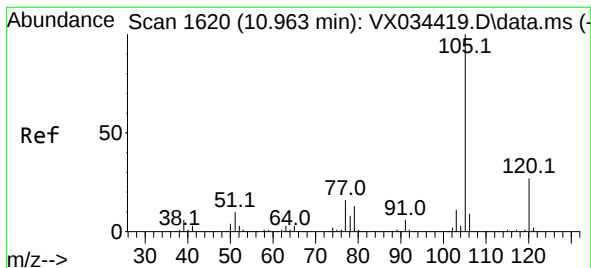
Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Tgt Ion:152	Resp: 195139
Ion Ratio	Lower Upper
152	100
115	89.3 45.0 135.0
150	177.1 0.0 352.4





#73

Isopropylbenzene

Concen: 49.174 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 741638

Ion Ratio Lower Upper

105 100

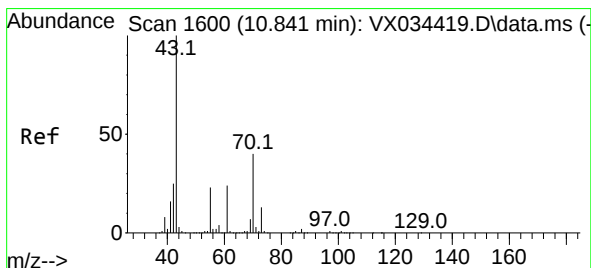
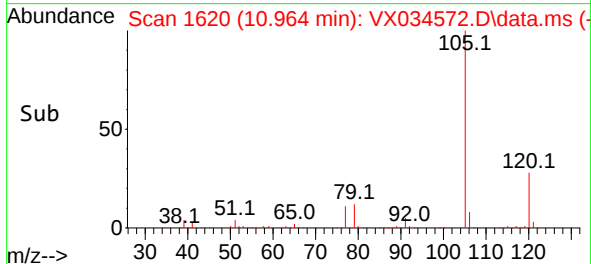
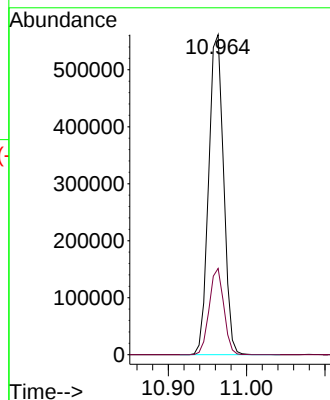
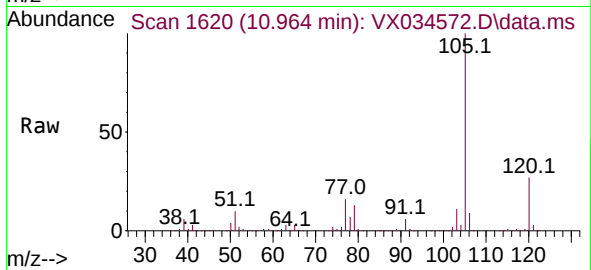
120 26.3 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#74

N-ethyl acetate

Concen: 53.906 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Tgt Ion: 43 Resp: 389400

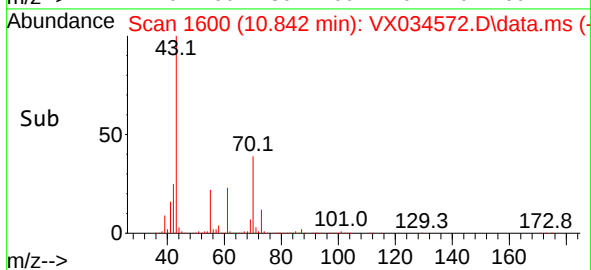
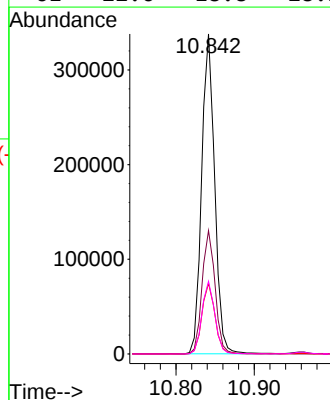
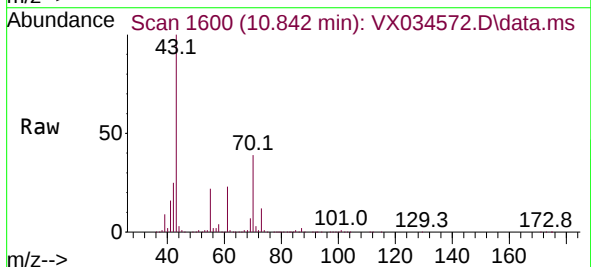
Ion Ratio Lower Upper

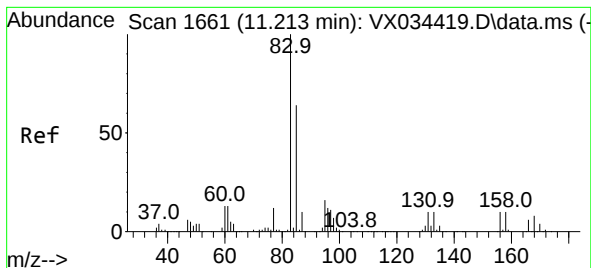
43 100

70 38.8 32.1 48.1

55 22.3 18.3 27.5

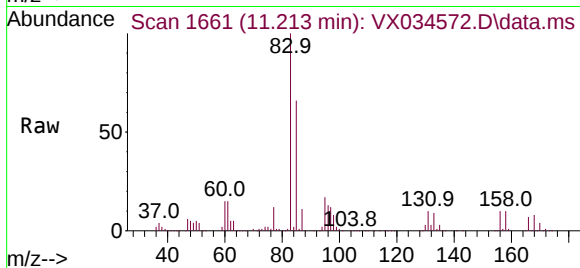
61 22.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.363 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

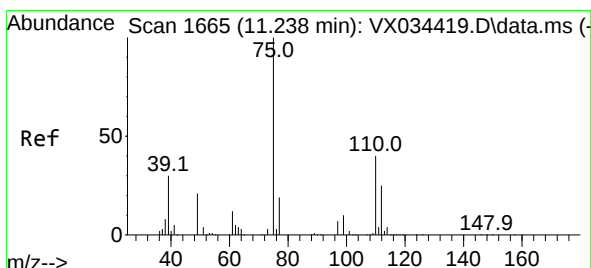
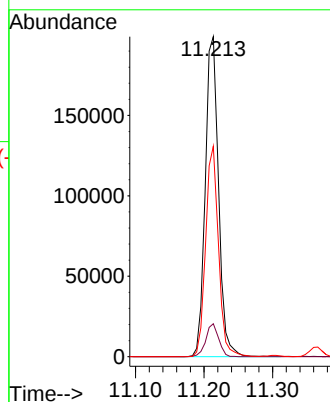
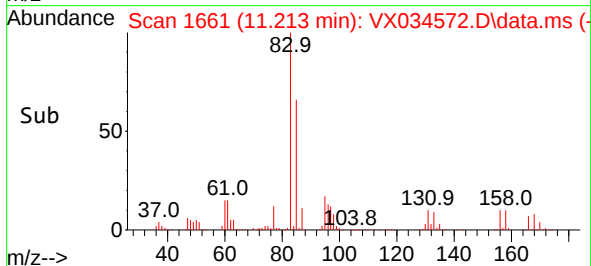
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



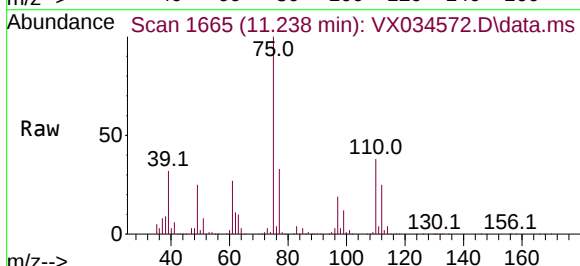
Tgt Ion: 83 Resp: 26856
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 63.7 32.0 96.0

Manual Integrations
APPROVED

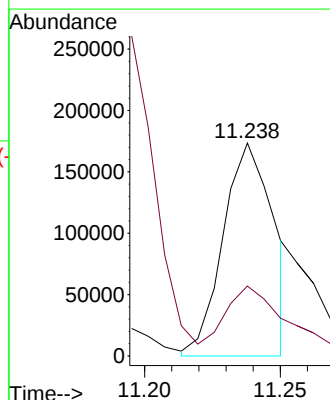
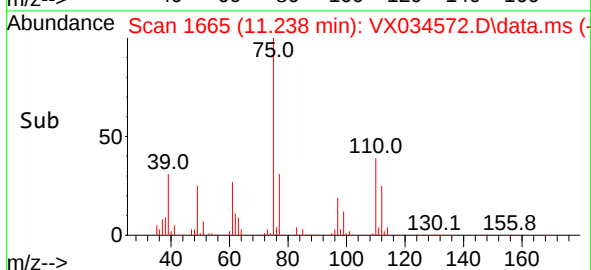
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

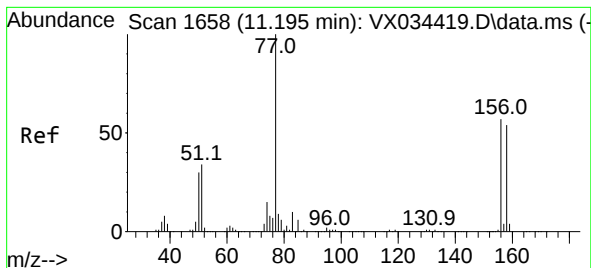


#76
1,2,3-Trichloropropane
Concen: 49.976 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59



Tgt Ion: 75 Resp: 223922
Ion Ratio Lower Upper
75 100
77 41.5 21.6 64.8





#77

Bromobenzene

Concen: 50.111 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

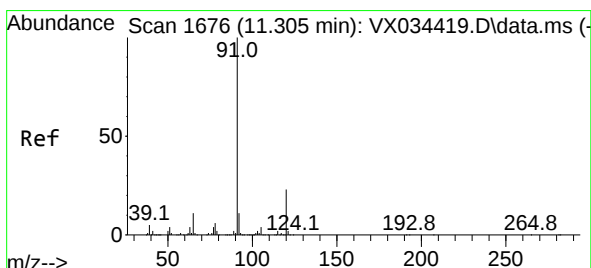
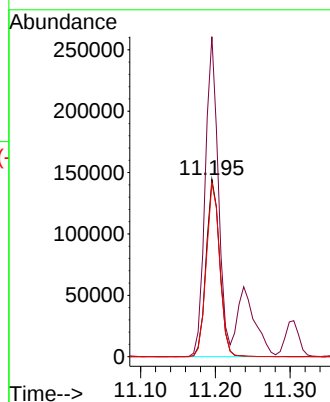
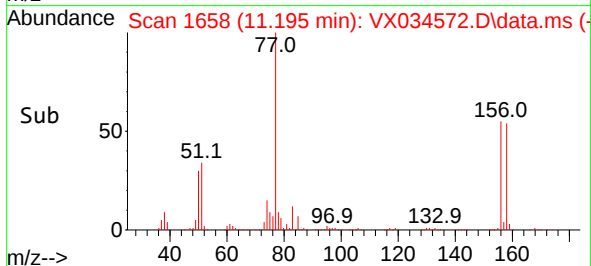
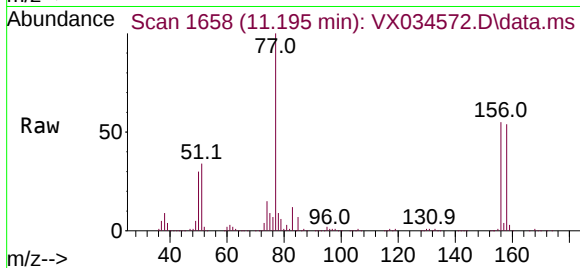
Tgt Ion:	156	Resp:	181320
Ion Ratio	Lower	Upper	
156	100		
77	174.9	86.7	259.9
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#78

n-propylbenzene

Concen: 50.022 ug/l

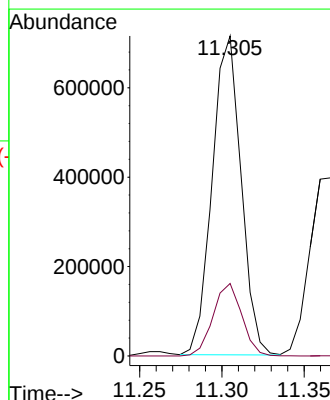
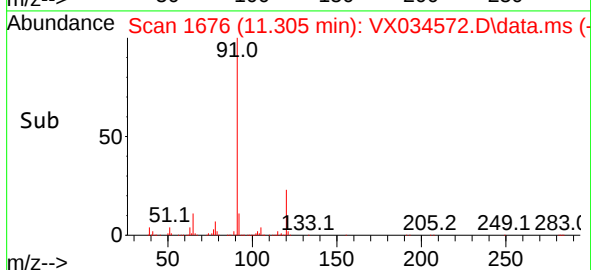
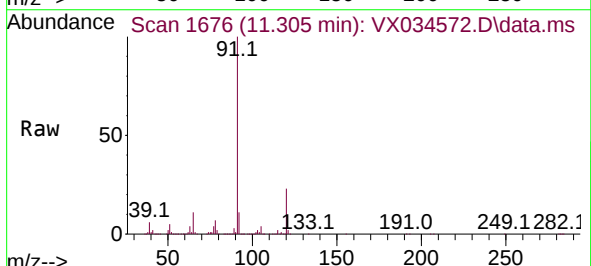
RT: 11.305 min Scan# 1676

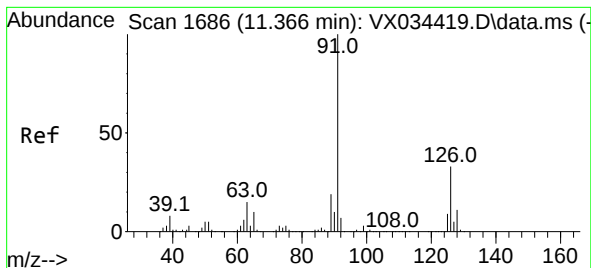
Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Tgt Ion:	91	Resp:	871283
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.5





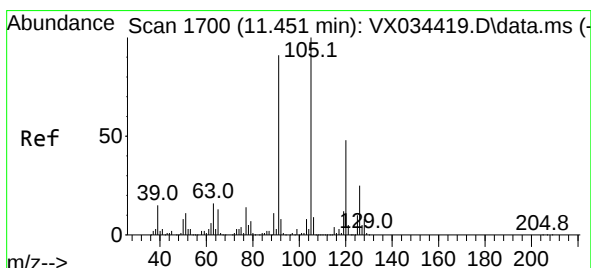
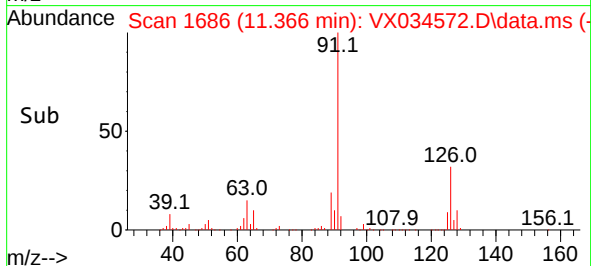
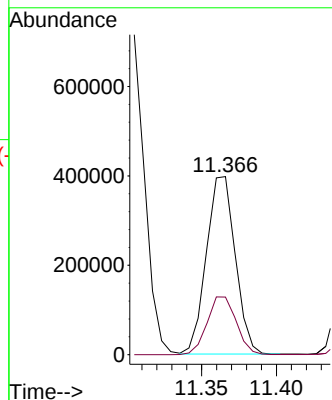
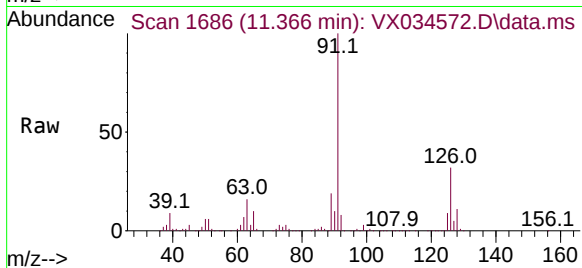
#79
2-Chlorotoluene
Concen: 49.730 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 53496
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.9

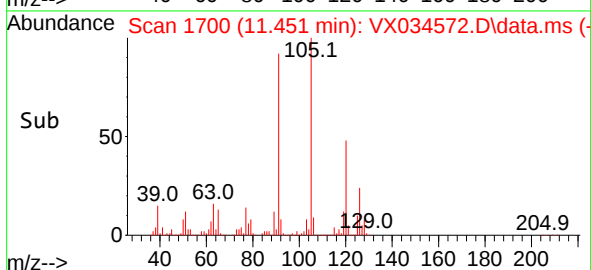
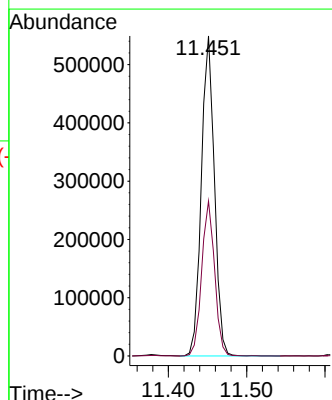
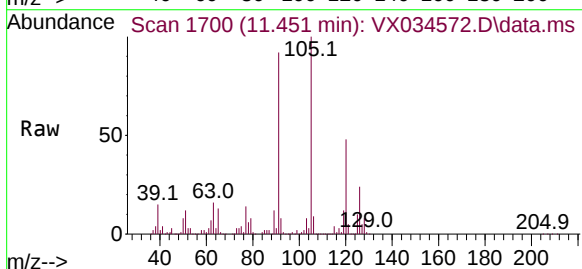
Manual Integrations
APPROVED

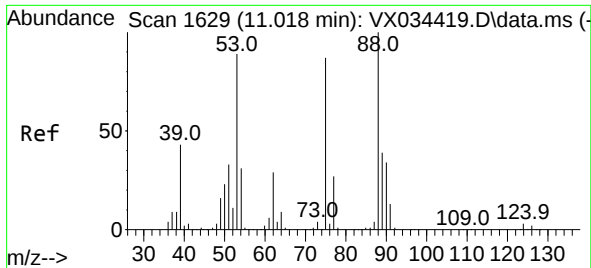
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.251 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion:105 Resp: 635681
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1





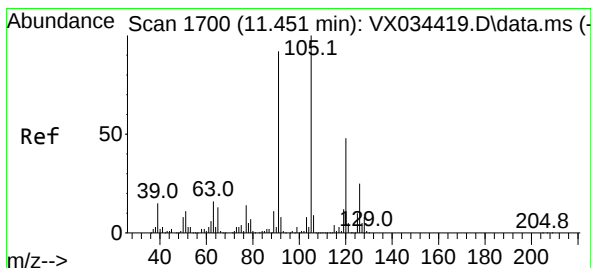
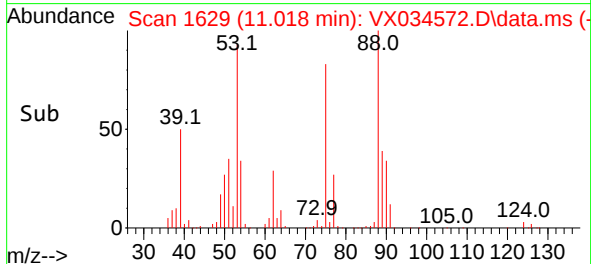
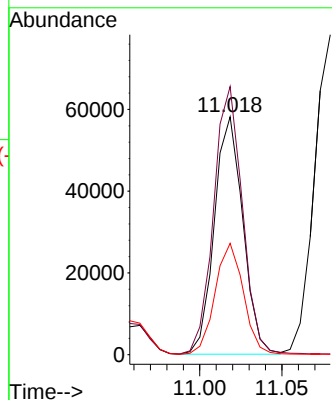
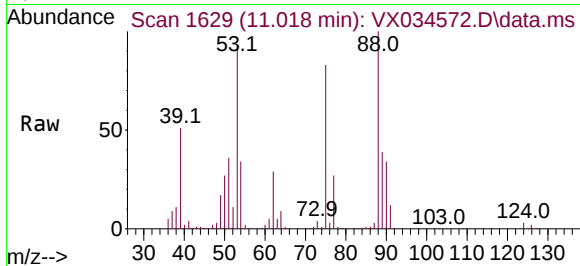
#81
trans-1,4-Dichloro-2-butene
Concen: 42.373 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 70180
Ion Ratio Lower Upper
75 100
53 113.2 82.6 124.0
89 46.4 36.9 55.3

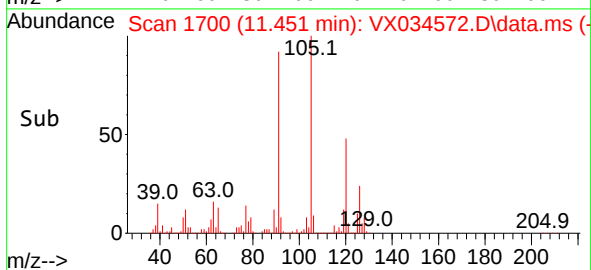
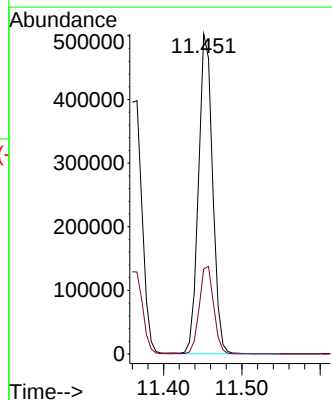
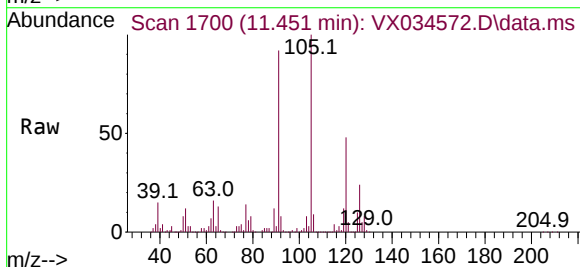
Manual Integrations
APPROVED

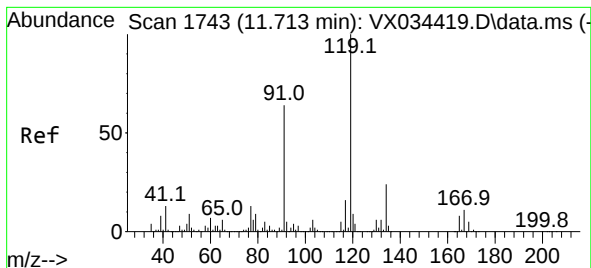
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#82
4-Chlorotoluene
Concen: 50.831 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion: 91 Resp: 629835
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.447 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 63067

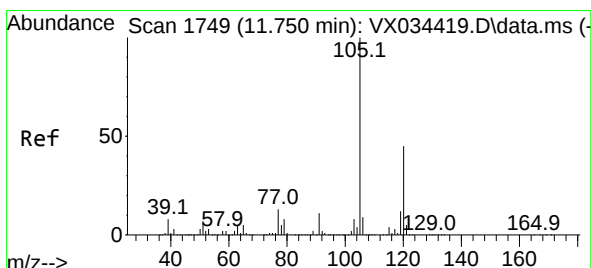
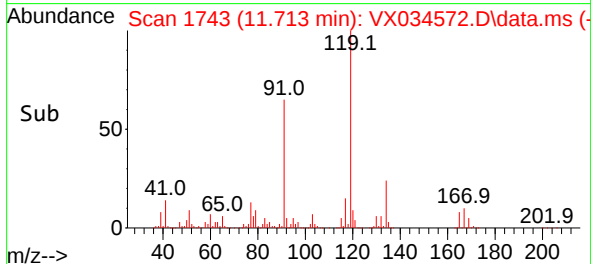
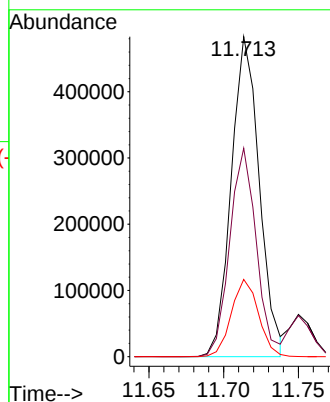
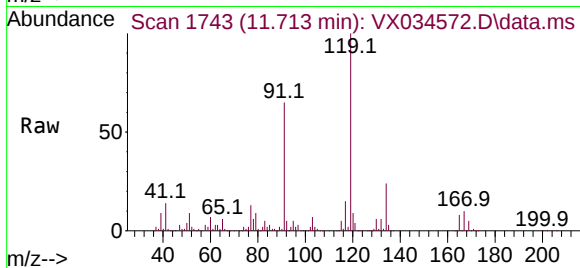
Ion	Ratio	Lower	Upper
119	100		
91	61.8	30.6	92.0
134	23.4	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.131 ug/l

RT: 11.750 min Scan# 1749

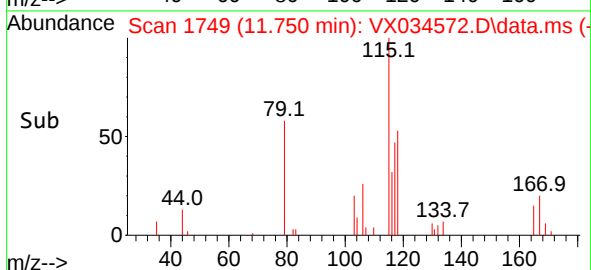
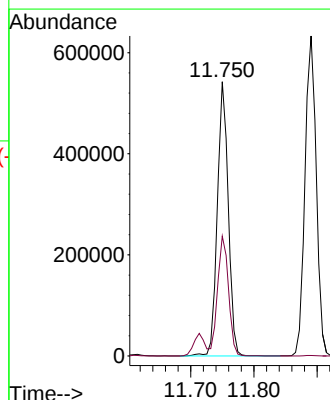
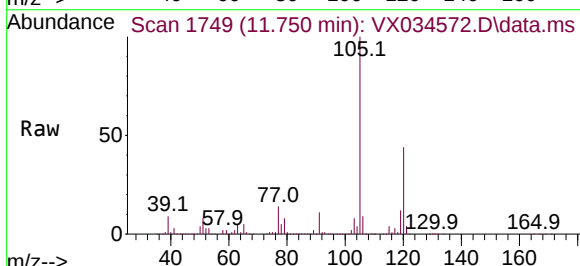
Delta R.T. 0.000 min

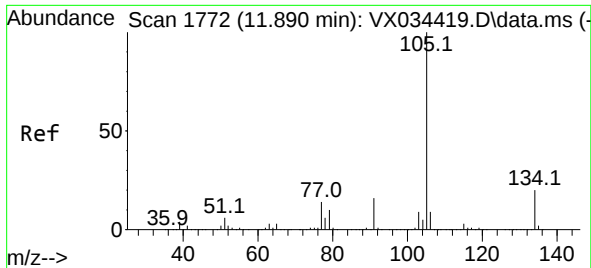
Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Tgt Ion:105 Resp: 648115

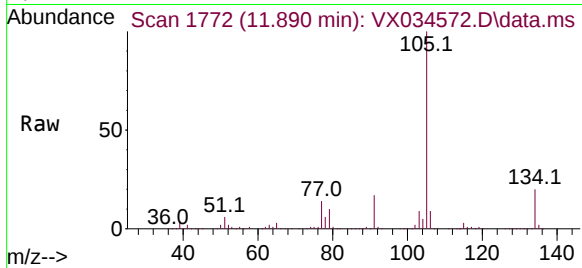
Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 49.870 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034572.D
 Acq: 17 Mar 2023 08:59

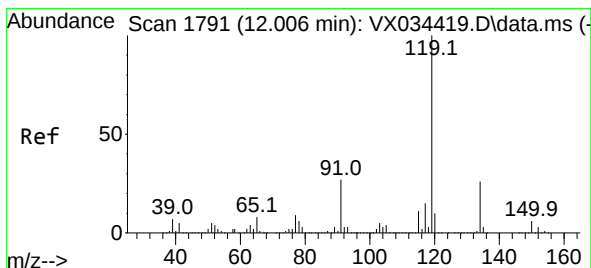
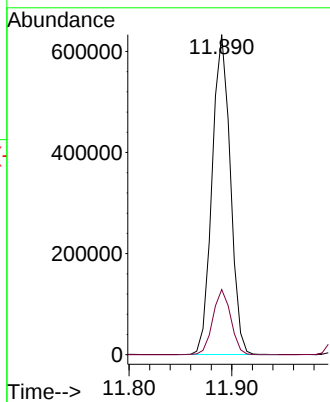
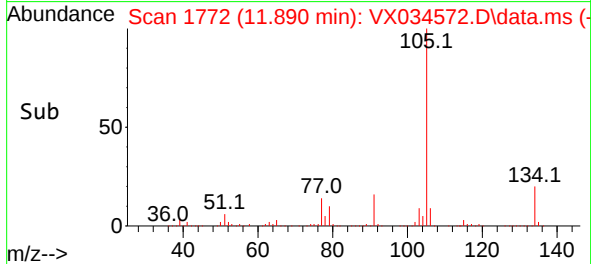
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



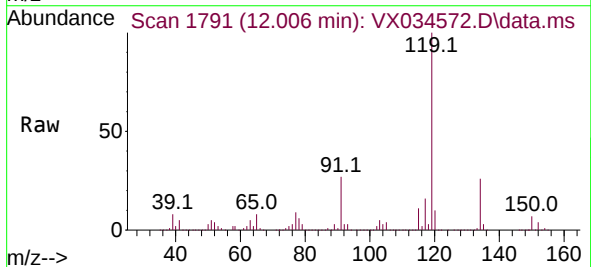
Tgt Ion:105 Resp: 777619
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
 APPROVED

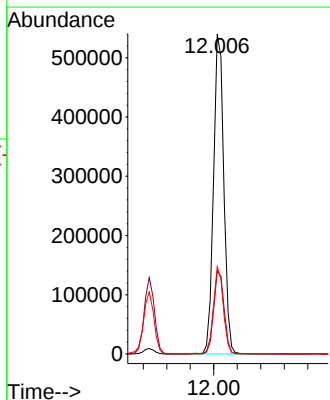
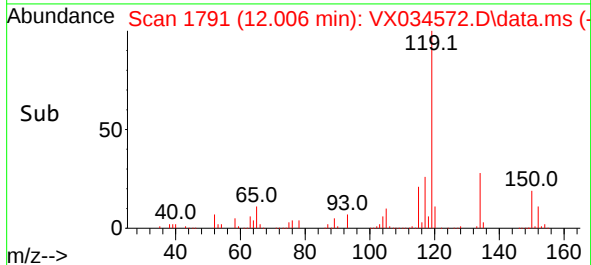
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

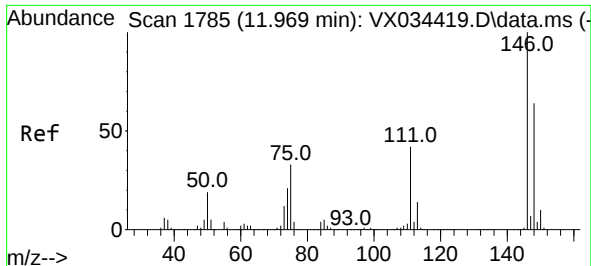


#86
 p-Isopropyltoluene
 Concen: 50.028 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034572.D
 Acq: 17 Mar 2023 08:59



Tgt Ion:119 Resp: 655619
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 26.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 49.160 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034572.D

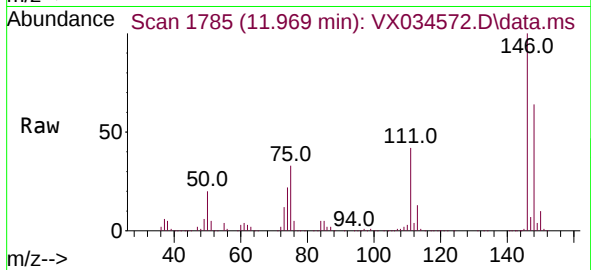
Acq: 17 Mar 2023 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 348540

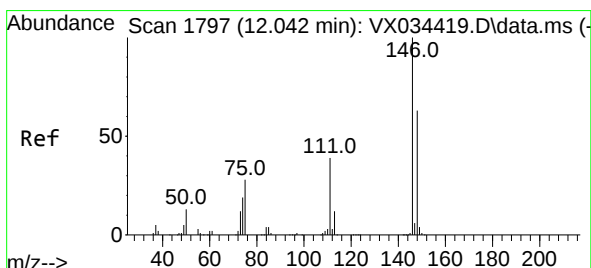
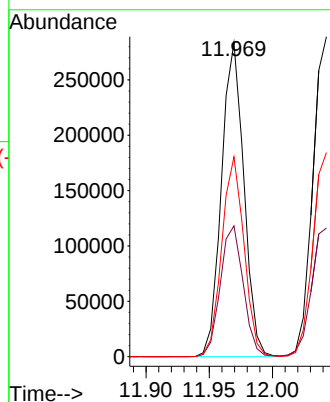
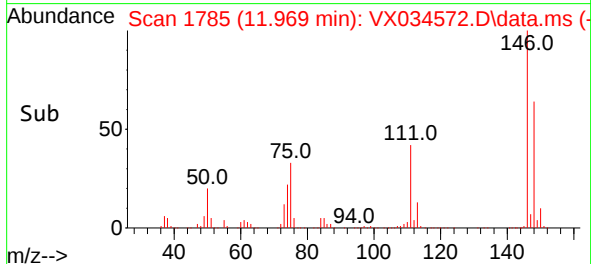
Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.9	62.8
148	63.3	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#88

1,4-Dichlorobenzene

Concen: 49.258 ug/l

RT: 12.043 min Scan# 1797

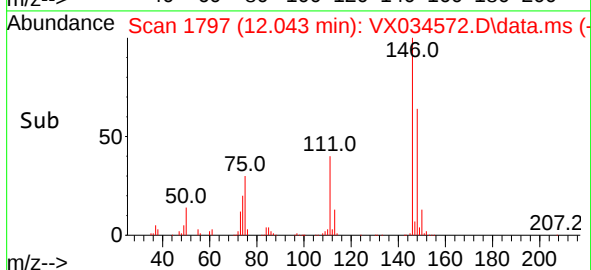
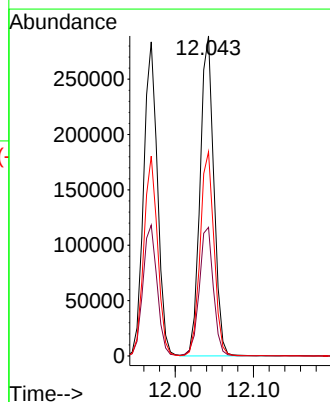
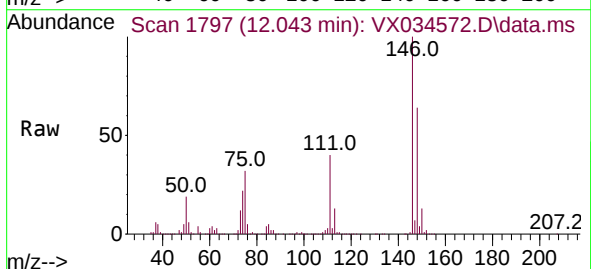
Delta R.T. 0.000 min

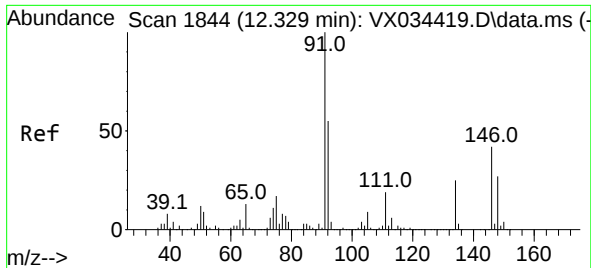
Lab File: VX034572.D

Acq: 17 Mar 2023 08:59

Tgt Ion:146 Resp: 353129

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.9
148	64.1	31.8	95.4





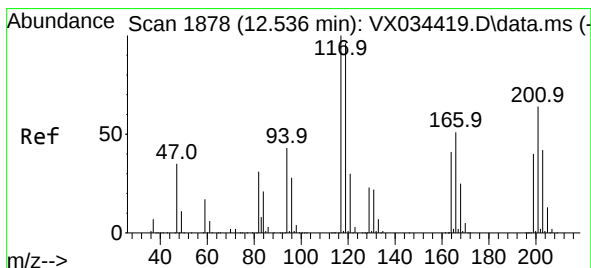
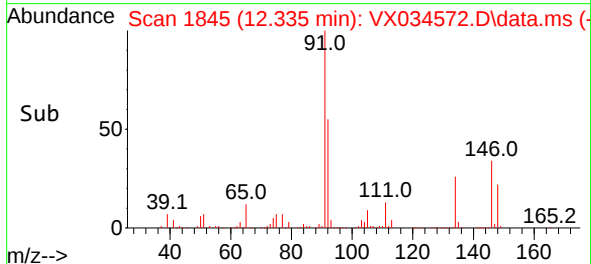
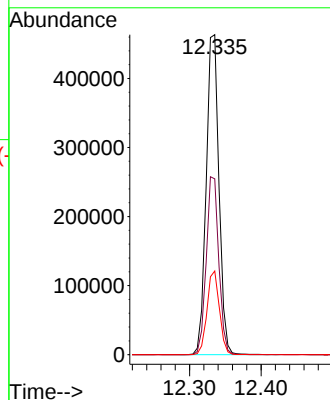
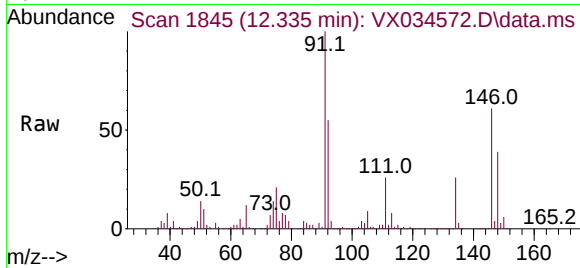
#89
n-Butylbenzene
Concen: 49.336 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 574775
Ion Ratio Lower Upper
91 100
92 54.8 27.7 83.0
134 25.4 13.0 38.9

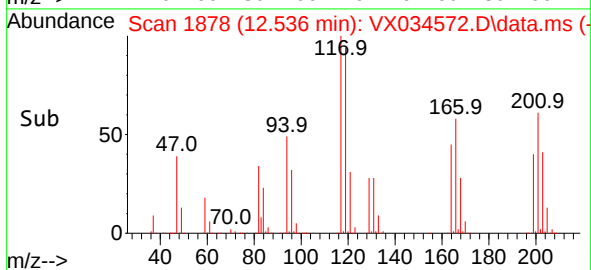
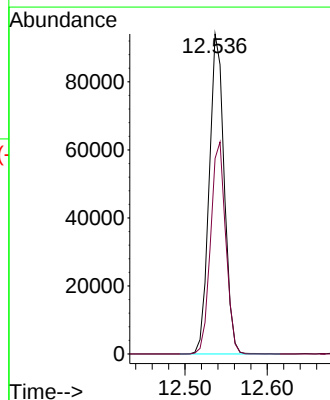
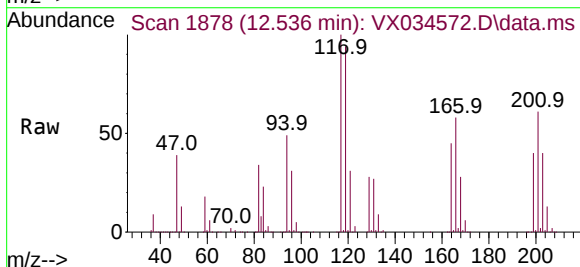
Manual Integrations
APPROVED

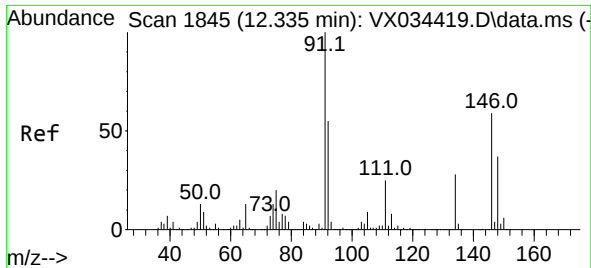
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#90
Hexachloroethane
Concen: 49.133 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

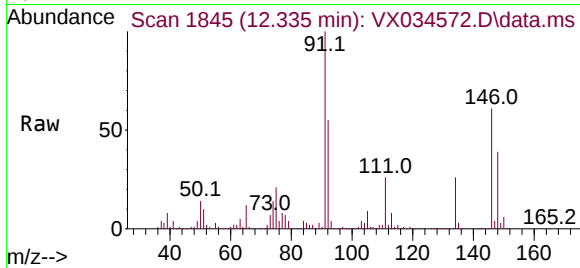
Tgt Ion:117 Resp: 119142
Ion Ratio Lower Upper
117 100
201 66.7 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 51.294 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

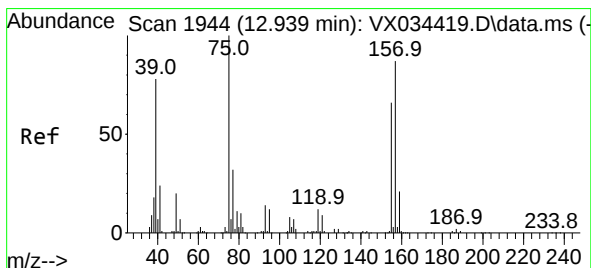
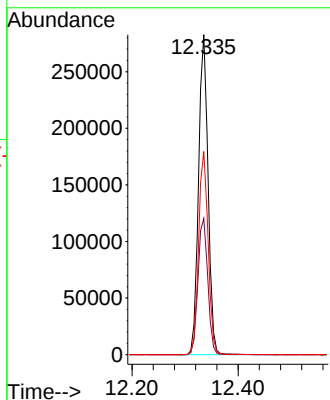
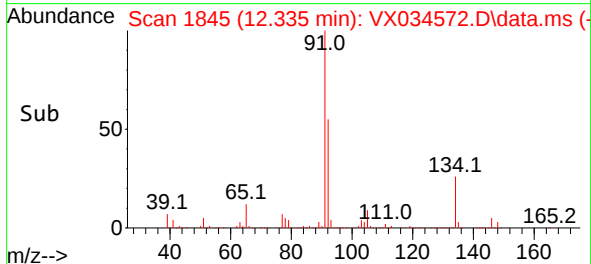
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



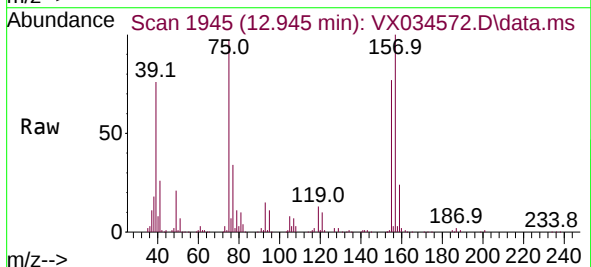
Tgt Ion:146 Resp: 35145
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 63.7 32.0 96.0

Manual Integrations
APPROVED

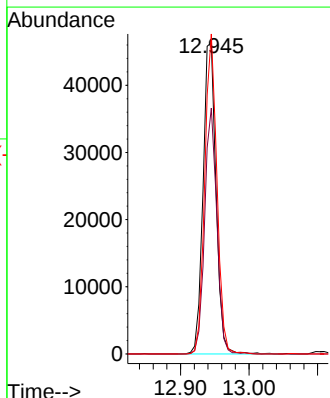
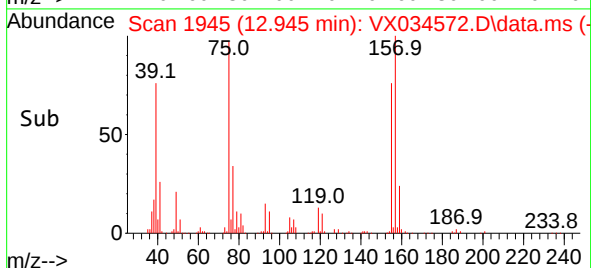
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

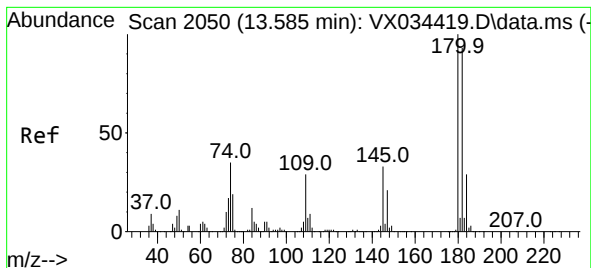


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.416 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59



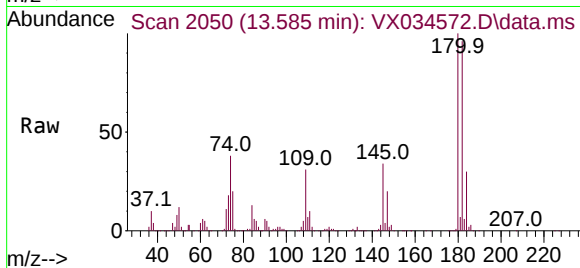
Tgt Ion: 75 Resp: 61078
Ion Ratio Lower Upper
75 100
155 74.1 38.4 115.1
157 96.3 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 50.212 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

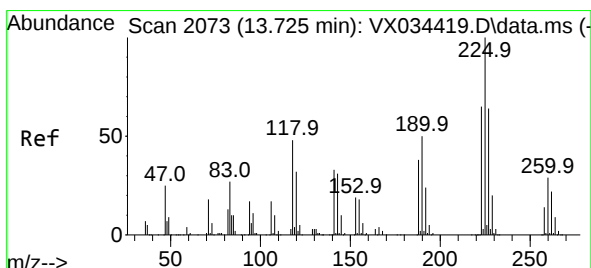
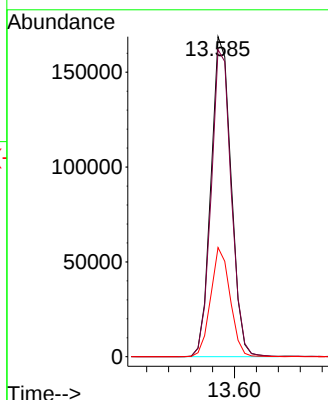
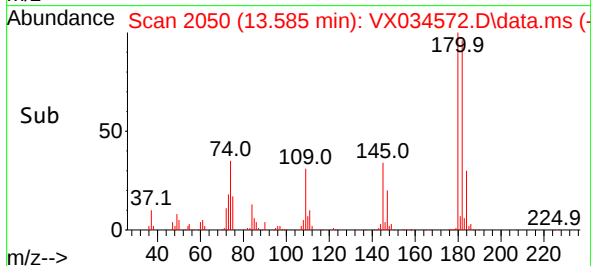
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



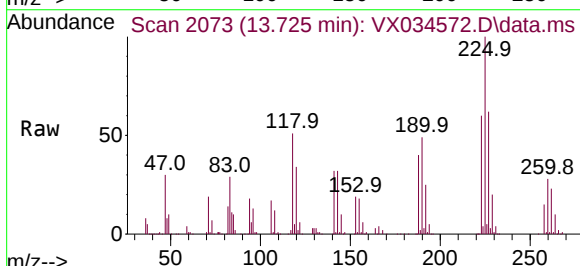
Tgt Ion:180 Resp: 21514
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 33.0 15.9 47.7

Manual Integrations
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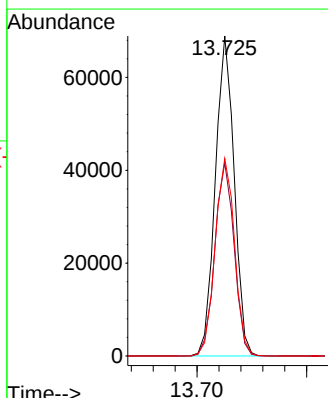
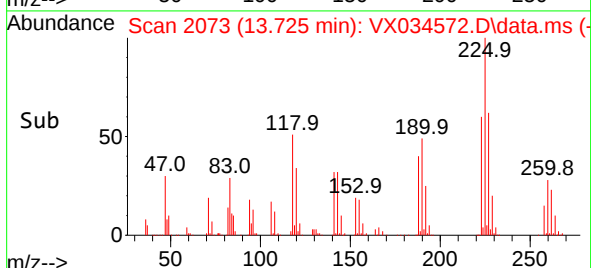
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

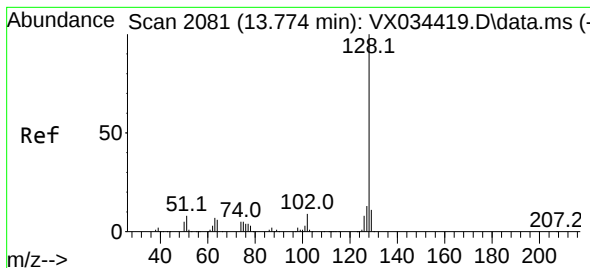


#94
Hexachlorobutadiene
Concen: 47.687 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59



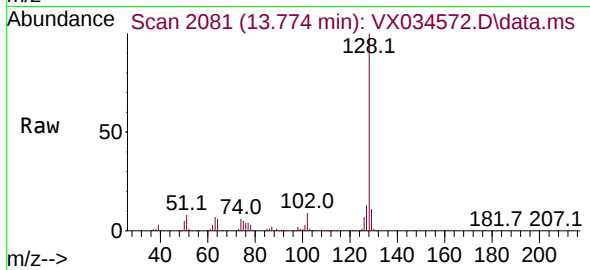
Tgt Ion:225 Resp: 82315
Ion Ratio Lower Upper
225 100
223 61.7 32.1 96.5
227 63.7 31.8 95.4





#95
Naphthalene
Concen: 52.762 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

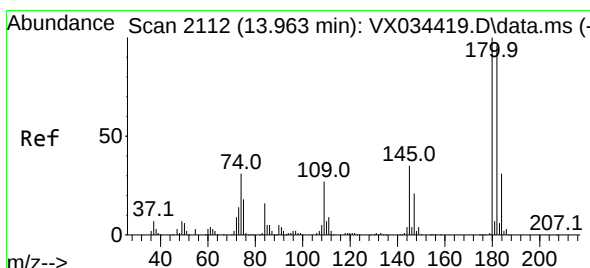
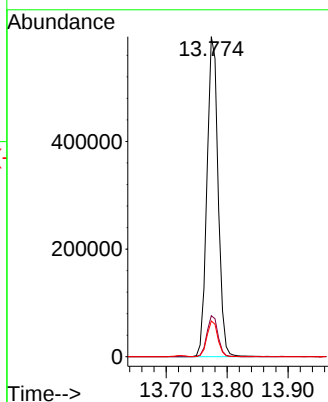
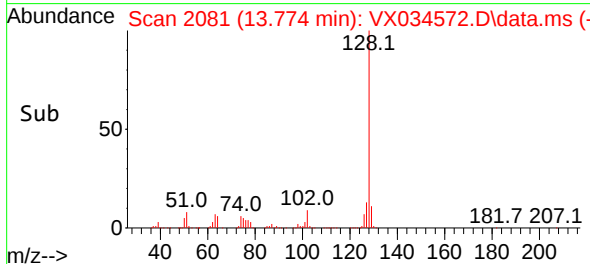
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 758075
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.362 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034572.D
Acq: 17 Mar 2023 08:59

Tgt Ion:180 Resp: 215120
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.2
145 34.8 17.7 53.1

