

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012074.D
 Acq On : 05 Jan 2023 11:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 05 23:14:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	197614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90351	45.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.760%
35) Dibromofluoromethane	7.716	113	85707	48.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.620%
50) Toluene-d8	10.179	98	321070	44.610	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.220%
62) 4-Bromofluorobenzene	12.483	95	113442	46.865	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	82343	52.133	ug/l	96
3) Chloromethane	2.113	50	75899	43.154	ug/l	100
4) Vinyl Chloride	2.253	62	89840	46.319	ug/l	99
5) Bromomethane	2.650	94	64397	46.668	ug/l	95
6) Chloroethane	2.796	64	59505	46.936	ug/l	97
7) Trichlorofluoromethane	3.125	101	178375	52.535	ug/l	99
8) Diethyl Ether	3.527	74	53204	50.785	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	96656	51.712	ug/l	95
10) Methyl Iodide	4.088	142	128017	49.503	ug/l	98
11) Tert butyl alcohol	4.942	59	54548	284.483	ug/l #	74
12) 1,1-Dichloroethene	3.869	96	91594	48.990	ug/l	98
13) Acrolein	3.729	56	31775	170.733	ug/l	98
14) Allyl chloride	4.479	41	129154	46.909	ug/l	92
15) Acrylonitrile	5.161	53	126163	258.884	ug/l	99
16) Acetone	3.942	43	127693	215.512	ug/l	99
17) Carbon Disulfide	4.192	76	236449	39.646	ug/l	99
18) Methyl Acetate	4.472	43	66362	48.239	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	263782	54.987	ug/l	94
20) Methylene Chloride	4.716	84	111951	48.716	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	102513	48.255	ug/l	90
22) Diisopropyl ether	6.112	45	268619	49.537	ug/l	95
23) Vinyl Acetate	6.057	43	789334	253.004	ug/l	95
24) 1,1-Dichloroethane	6.015	63	175737	49.857	ug/l	98
25) 2-Butanone	6.978	43	152217	229.522	ug/l	96
26) 2,2-Dichloropropane	6.978	77	181531	52.631	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	117908	51.316	ug/l	97
28) Bromochloromethane	7.326	49	41773	43.187	ug/l	85
29) Tetrahydrofuran	7.344	42	91596	243.770	ug/l	92
30) Chloroform	7.502	83	233621	61.492	ug/l	97
31) Cyclohexane	7.783	56	144410	43.087	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	189593	52.467	ug/l	98
36) 1,1-Dichloropropene	7.917	75	139406	48.993	ug/l	98
37) Ethyl Acetate	7.069	43	60791	47.619	ug/l #	96
38) Carbon Tetrachloride	7.899	117	178108	54.198	ug/l	96
39) Methylcyclohexane	9.179	83	168654	49.259	ug/l	96
40) Benzene	8.155	78	410807	50.449	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	37049	60.015	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	125730	53.634	ug/l	100
43) Isopropyl Acetate	8.271	43	120568	51.712	ug/l	96
44) Trichloroethene	8.935	130	120157	52.351	ug/l	99
45) 1,2-Dichloropropane	9.215	63	93831	49.871	ug/l	98
46) Dibromomethane	9.301	93	55849	51.533	ug/l	97
47) Bromodichloromethane	9.496	83	157338	57.225	ug/l	99
48) Methyl methacrylate	9.289	41	55549	51.457	ug/l	95
49) 1,4-Dioxane	9.295	88	15119	1168.455	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	316803	254.823	ug/l	98
52) Toluene	10.240	92	268714	51.794	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	149702	53.884	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	165816	53.098	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	82118	53.396	ug/l	98
56) Ethyl methacrylate	10.508	69	106418	54.653	ug/l	96
57) 1,3-Dichloropropane	10.788	76	134896	52.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	183372	244.052	ug/l	94
59) 2-Hexanone	10.831	43	227513	248.753	ug/l	97
60) Dibromochloromethane	10.983	129	108889	56.204	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76494	53.164	ug/l	99
64) Tetrachloroethene	10.721	164	122938	53.151	ug/l	95
65) Chlorobenzene	11.514	112	290267	52.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	113509	55.603	ug/l	99
67) Ethyl Benzene	11.593	91	523081	52.741	ug/l	100
68) m/p-Xylenes	11.703	106	411622	106.717	ug/l	99
69) o-Xylene	12.032	106	196236	54.679	ug/l	98
70) Styrene	12.044	104	333189	55.293	ug/l	99
71) Bromoform	12.209	173	68874	56.938	ug/l #	99
73) Isopropylbenzene	12.331	105	538861	52.962	ug/l	99
74) N-amyl acetate	12.142	43	106010	50.822	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	85933	50.627	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	122431	71.759	ug/l #	100
77) Bromobenzene	12.611	156	124662	52.960	ug/l	94
78) n-propylbenzene	12.672	91	629139	51.442	ug/l	99
79) 2-Chlorotoluene	12.758	91	352399	51.261	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	459417	52.739	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	32745	52.559	ug/l	98
82) 4-Chlorotoluene	12.855	91	370378	52.071	ug/l	99
83) tert-Butylbenzene	13.075	119	402204	54.479	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	453820	52.955	ug/l	99
85) sec-Butylbenzene	13.251	105	581805	52.776	ug/l	98
86) p-Isopropyltoluene	13.367	119	503875	54.169	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	250217	52.856	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	247586	52.609	ug/l	99
89) n-Butylbenzene	13.696	91	443491	52.667	ug/l	99
90) Hexachloroethane	13.959	117	93494	52.677	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	221509	53.673	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16113	55.238	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	142281	58.606	ug/l	99
94) Hexachlorobutadiene	15.111	225	87117	55.534	ug/l	100
95) Naphthalene	15.239	128	271804	53.614	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	121945	59.411	ug/l	100

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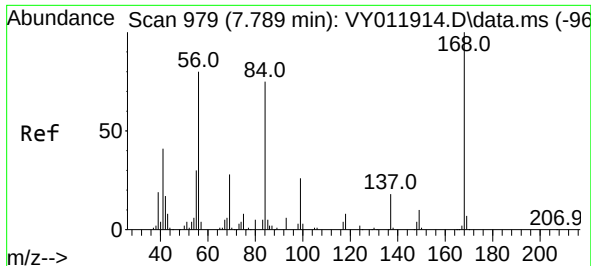
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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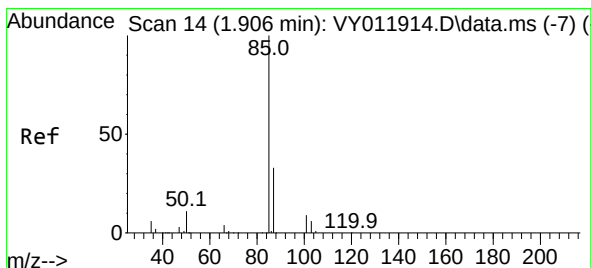
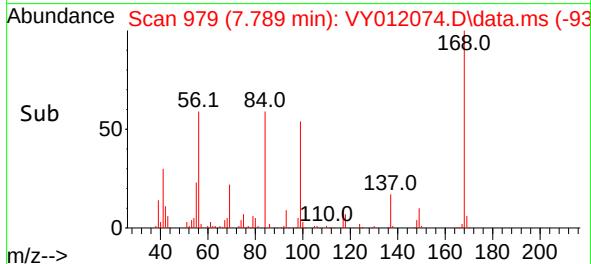
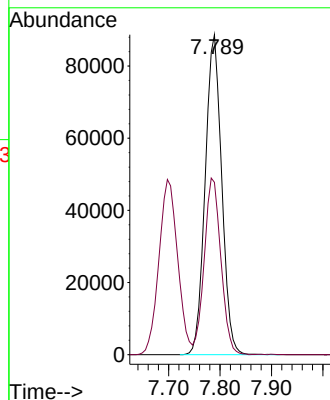
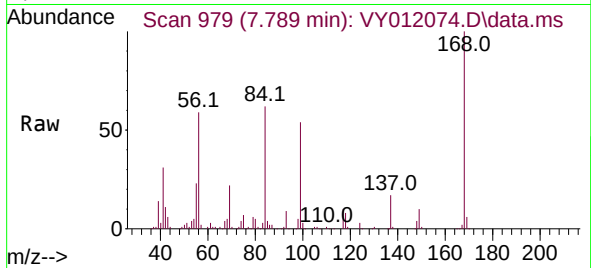




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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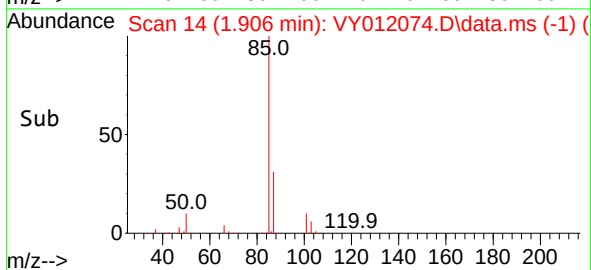
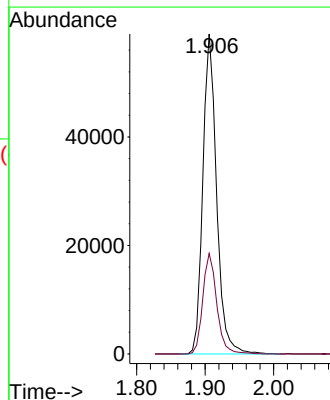
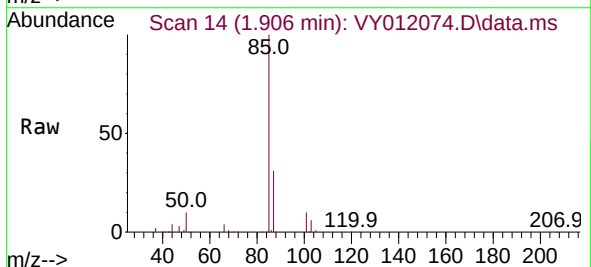
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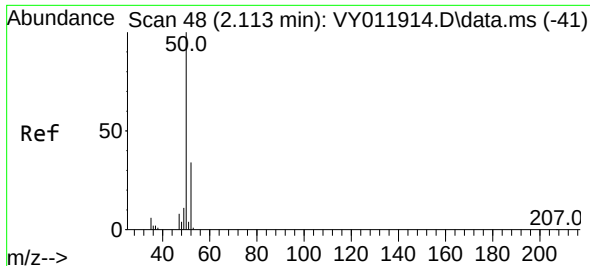
Tgt Ion:168 Resp: 197614
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 52.133 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 85 Resp: 82343
Ion Ratio Lower Upper
85 100
87 31.4 16.8 50.4

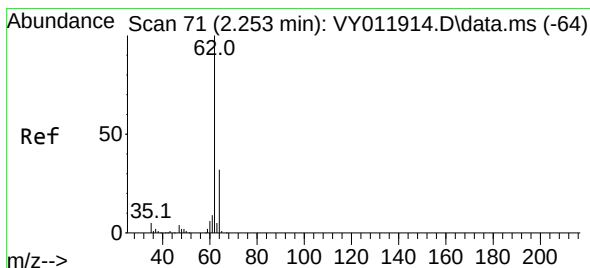
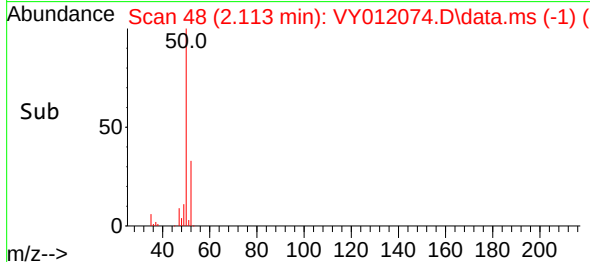
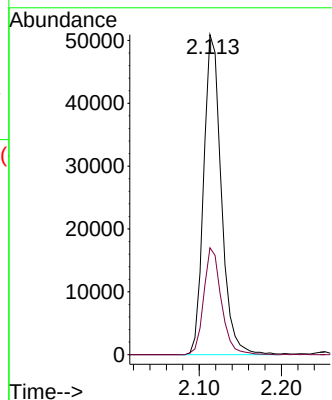
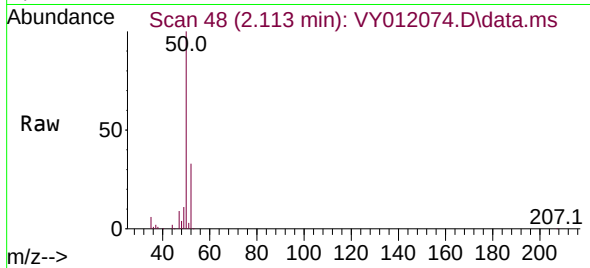




#3
Chloromethane
Concen: 43.154 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

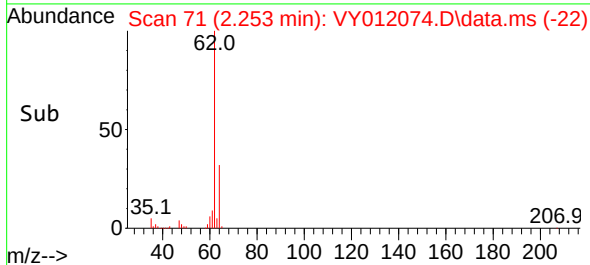
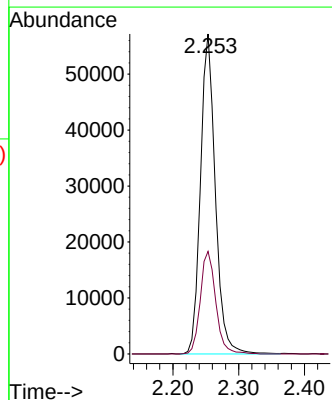
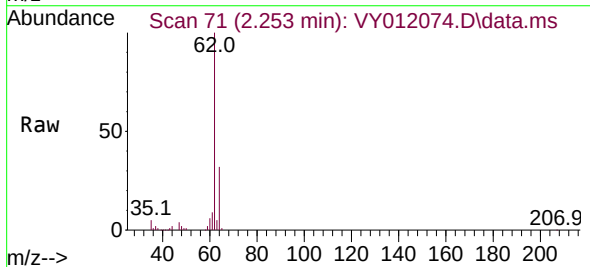
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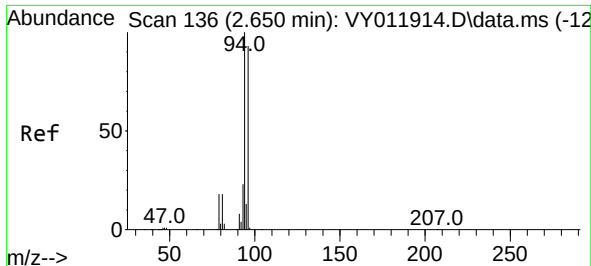
Tgt Ion: 50 Resp: 75899
Ion Ratio Lower Upper
50 100
52 33.4 26.8 40.2



#4
Vinyl Chloride
Concen: 46.319 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 62 Resp: 89840
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6

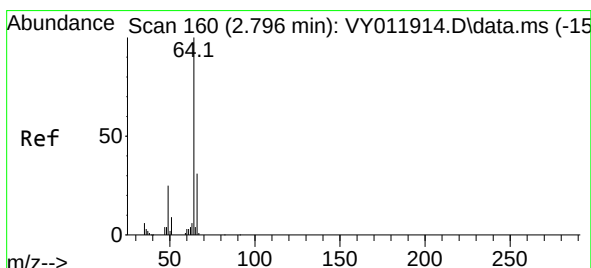
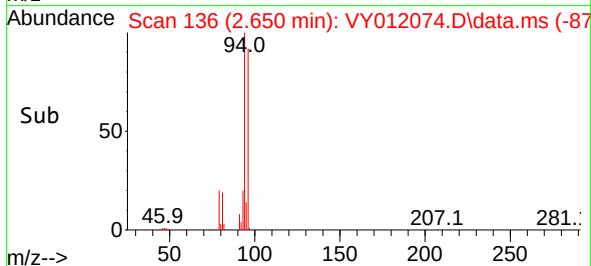
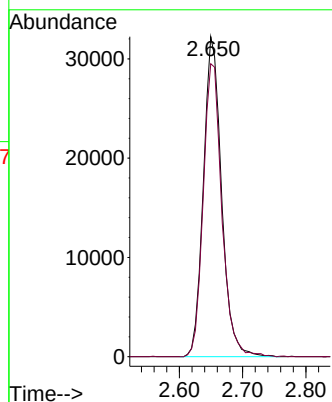
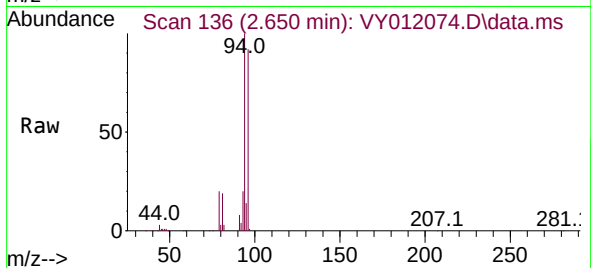




#5
Bromomethane
Concen: 46.668 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

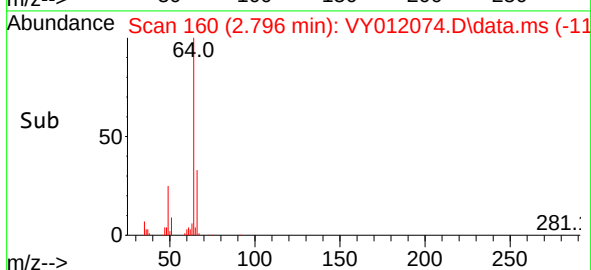
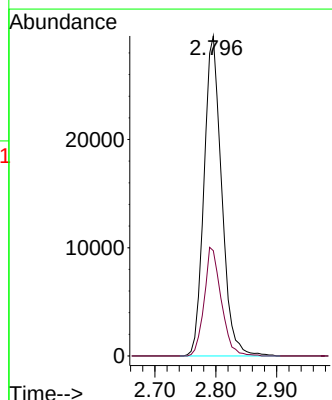
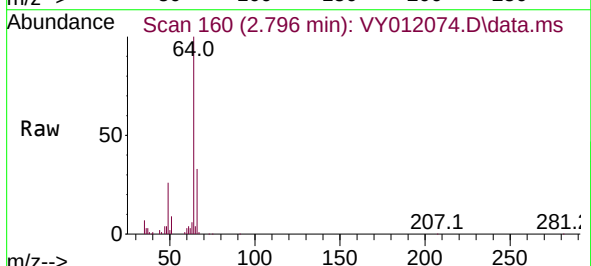
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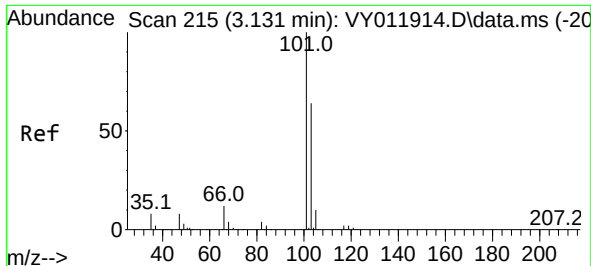
Tgt Ion: 94 Resp: 64397
Ion Ratio Lower Upper
94 100
96 91.6 77.4 116.2



#6
Chloroethane
Concen: 46.936 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012074.D
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Tgt Ion: 64 Resp: 59505
Ion Ratio Lower Upper
64 100
66 32.9 25.0 37.4

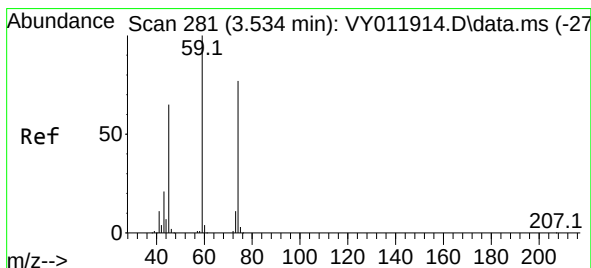
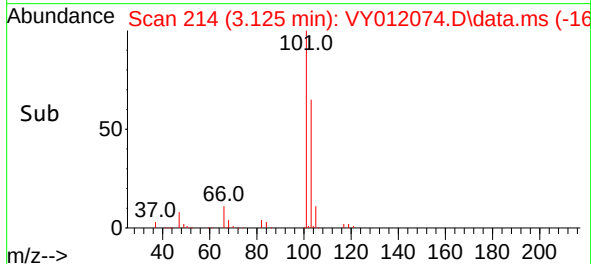
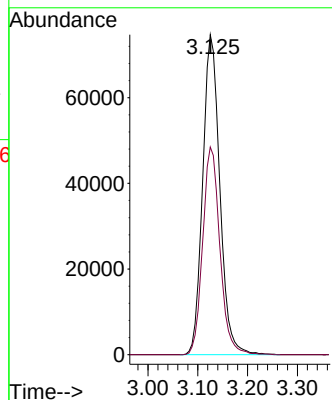
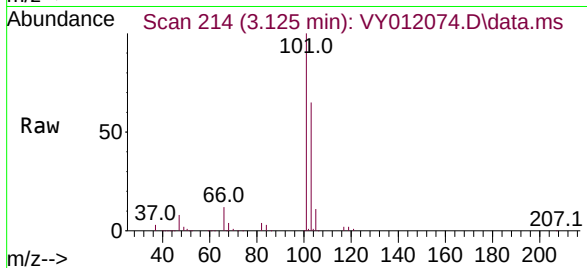




#7
Trichlorofluoromethane
Concen: 52.535 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

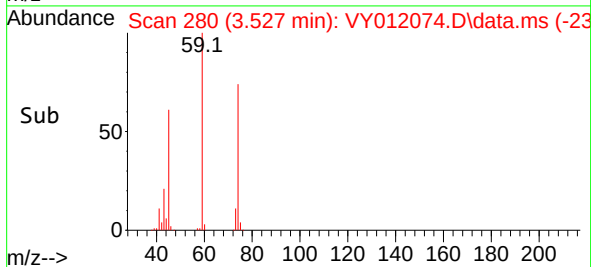
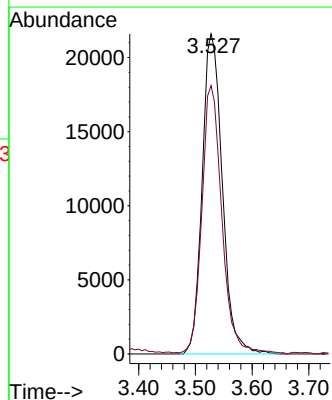
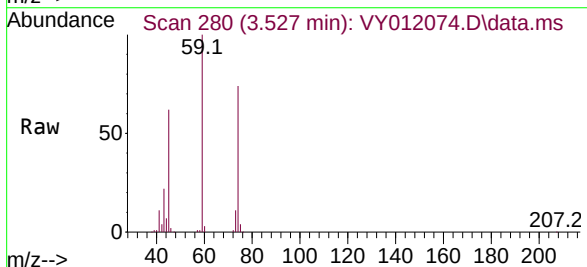
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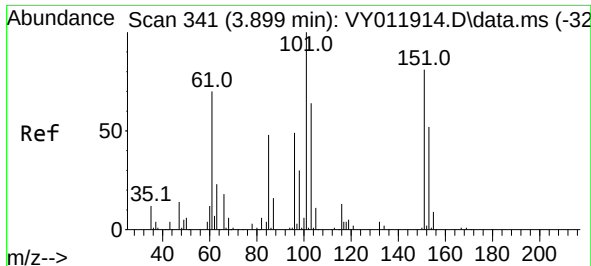
Tgt Ion:101 Resp: 178375
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.6



#8
Diethyl Ether
Concen: 50.785 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY012074.D
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Tgt Ion: 74 Resp: 53204
Ion Ratio Lower Upper
74 100
45 83.8 46.8 140.3

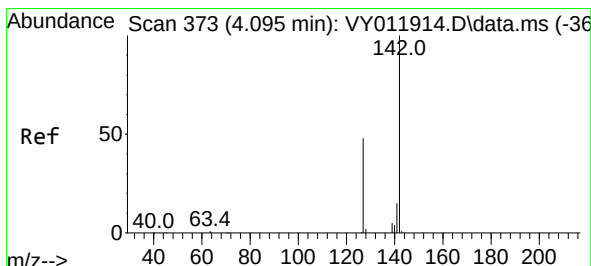
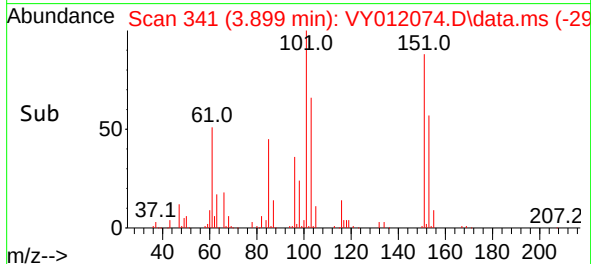
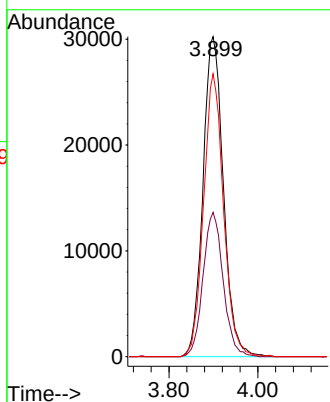
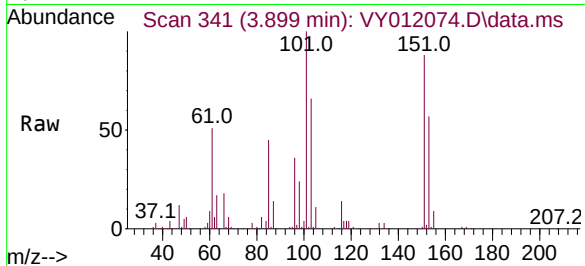




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.712 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
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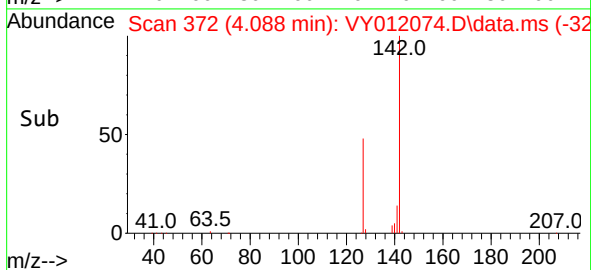
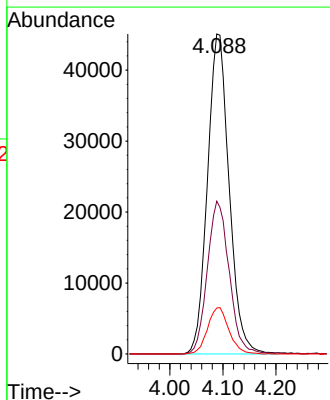
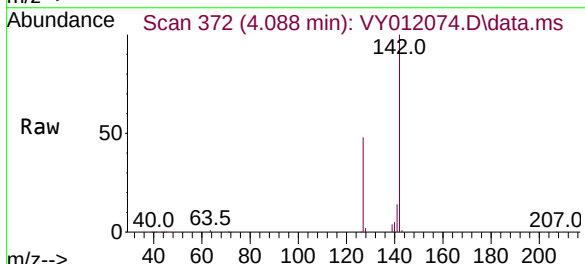
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

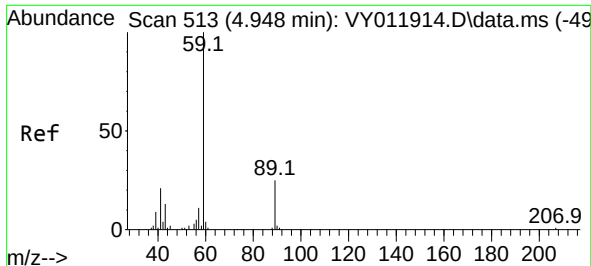
Tgt Ion:101	Resp:	96656
Ion Ratio	Lower	Upper
101	100	
85	44.5	36.2 54.2
151	86.6	64.2 96.2



#10
Methyl Iodide
Concen: 49.503 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion:142	Resp:	128017
Ion Ratio	Lower	Upper
142	100	
127	48.1	37.0 55.4
141	14.3	11.4 17.0

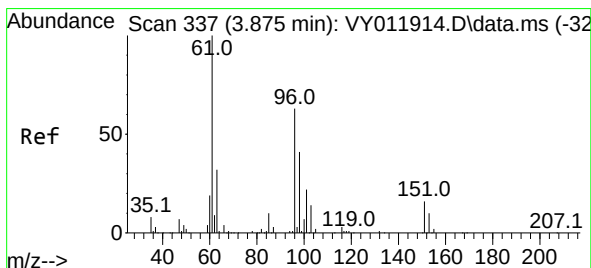
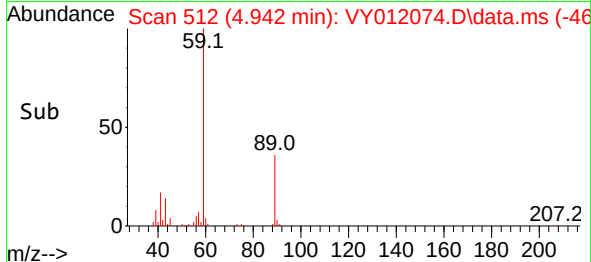
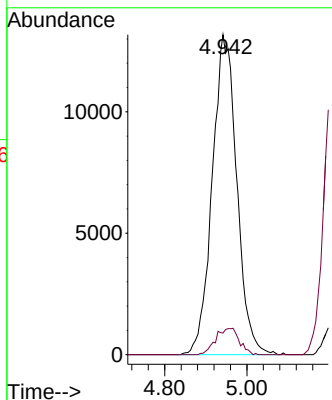
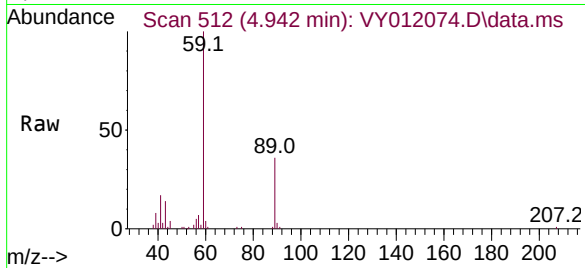




#11
Tert butyl alcohol
Concen: 284.483 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

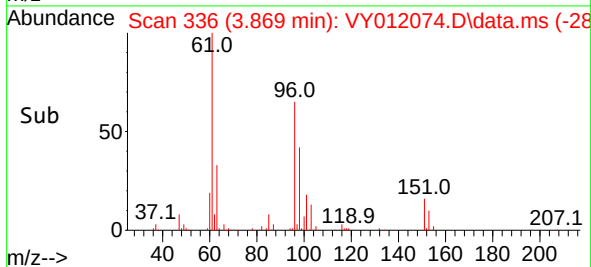
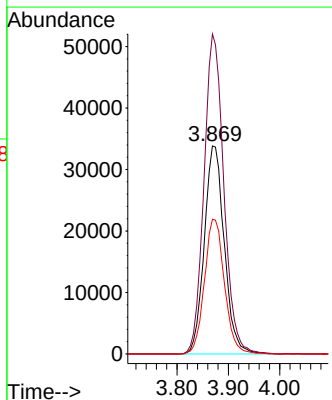
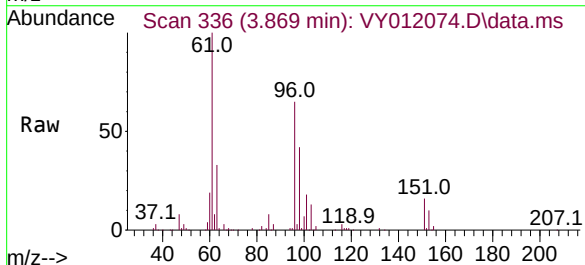
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

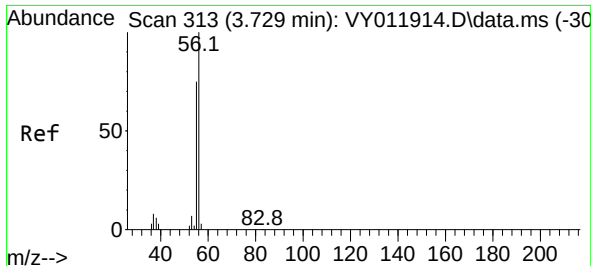
Tgt Ion: 59 Resp: 54548
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 48.990 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 96 Resp: 91594
Ion Ratio Lower Upper
96 100
61 153.9 122.0 183.0
98 64.8 48.6 73.0





#13

Acrolein

Concen: 170.733 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

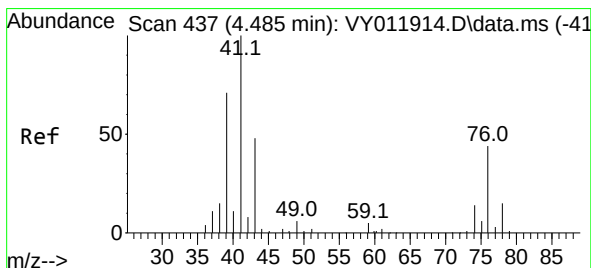
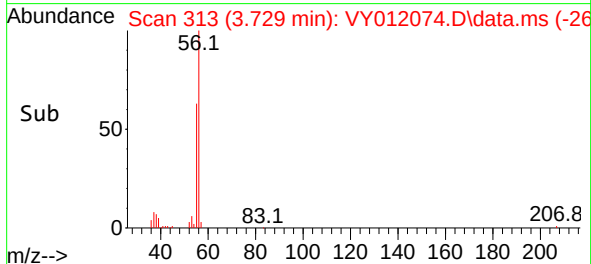
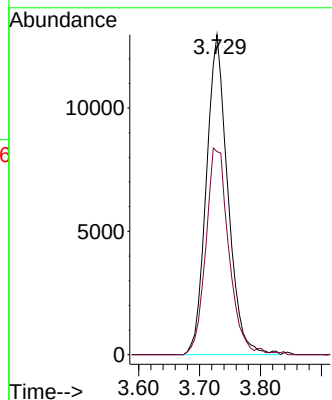
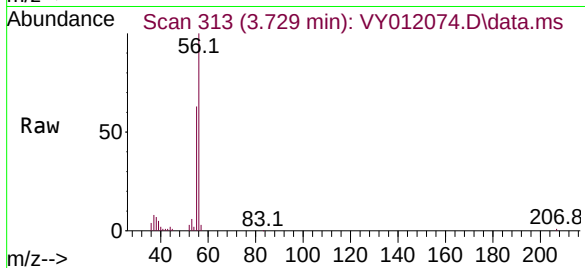
VSTDCCC050

Tgt Ion: 56 Resp: 31775

Ion Ratio Lower Upper

56 100

55 69.3 56.6 85.0



#14

Allyl chloride

Concen: 46.909 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

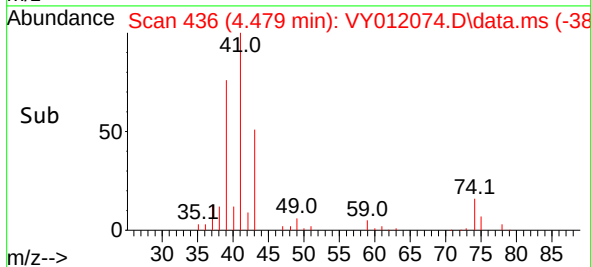
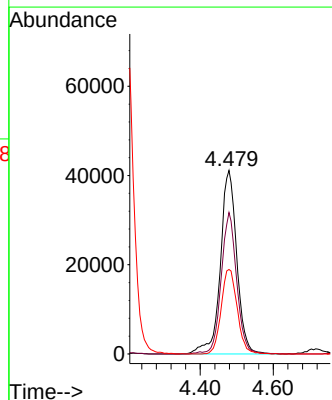
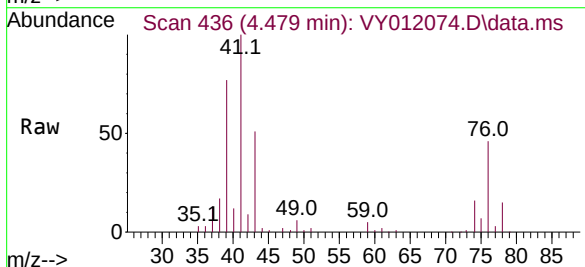
Tgt Ion: 41 Resp: 129154

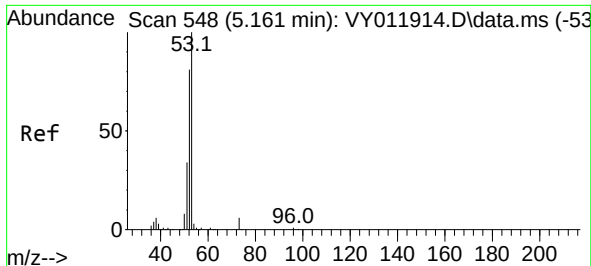
Ion Ratio Lower Upper

41 100

39 72.4 53.5 80.3

76 44.7 31.1 46.7

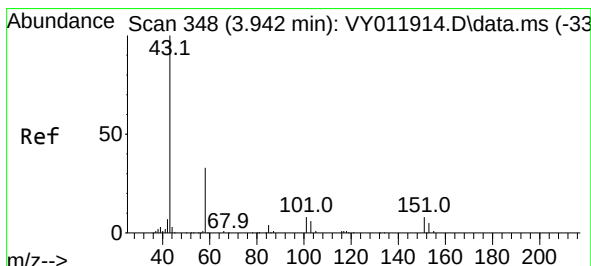
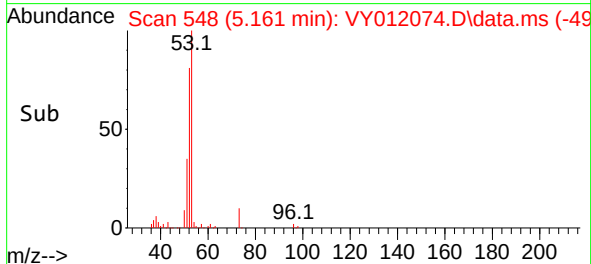
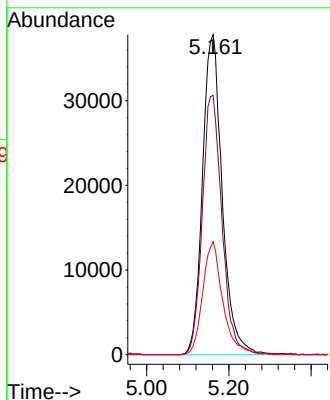
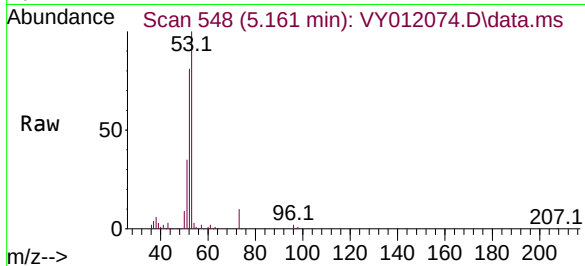




#15
Acrylonitrile
Concen: 258.884 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

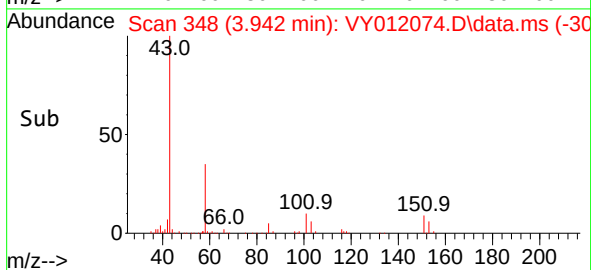
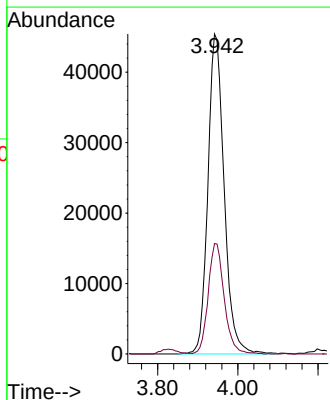
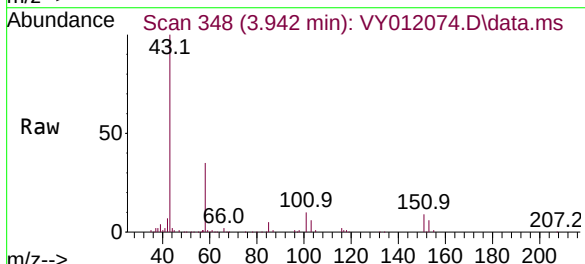
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

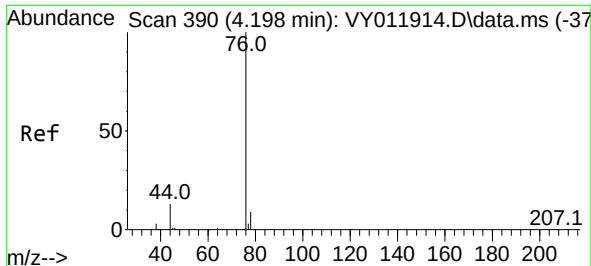
Tgt Ion: 53 Resp: 126163
Ion Ratio Lower Upper
53 100
52 80.3 65.1 97.7
51 35.9 28.7 43.1



#16
Acetone
Concen: 215.512 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 43 Resp: 127693
Ion Ratio Lower Upper
43 100
58 34.5 27.9 41.9

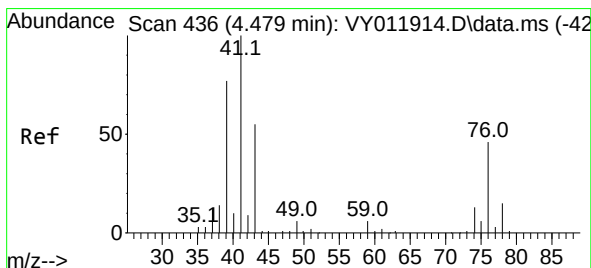
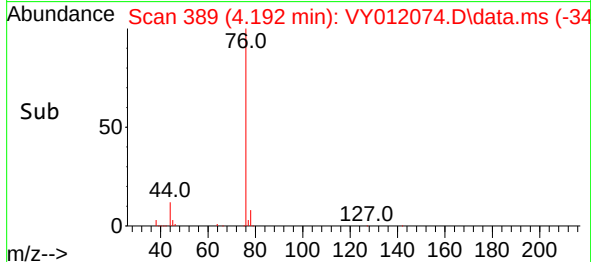
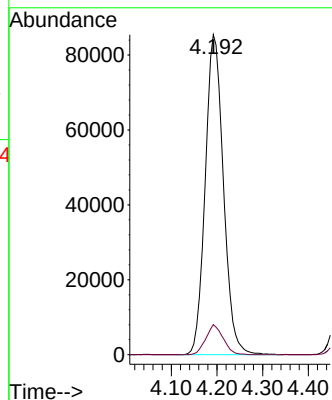
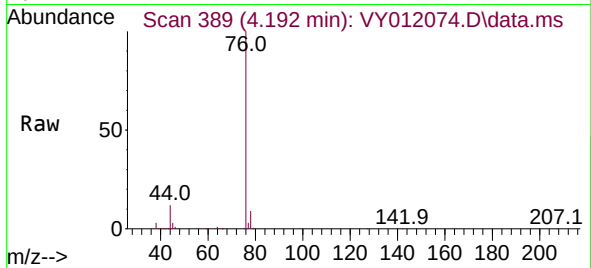




#17
Carbon Disulfide
Concen: 39.646 ug/l
RT: 4.192 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

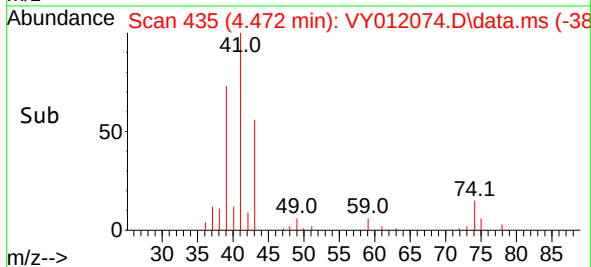
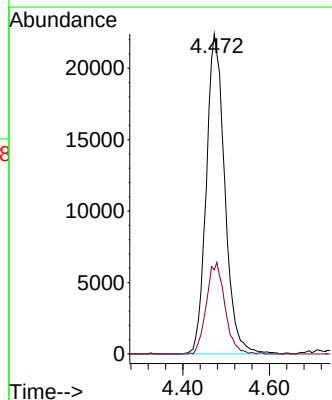
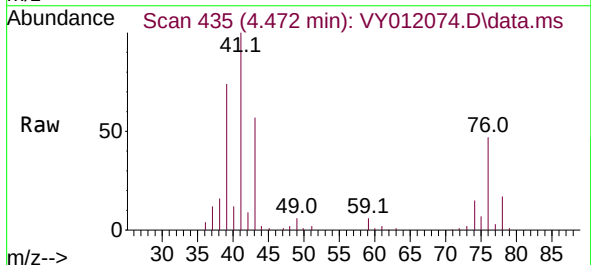
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

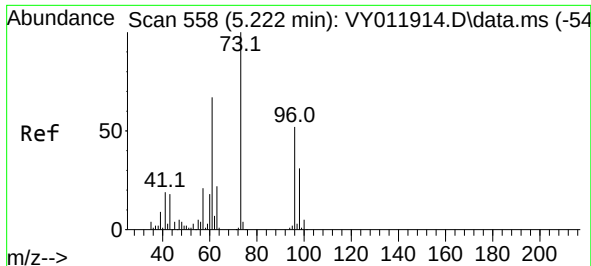
Tgt Ion: 76 Resp: 236449
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 48.239 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 43 Resp: 66362
Ion Ratio Lower Upper
43 100
74 28.7 20.1 30.1

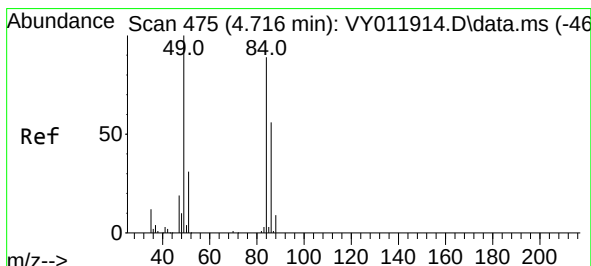
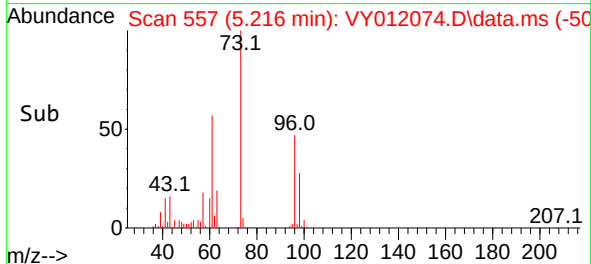
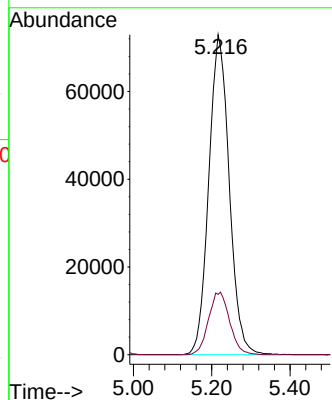
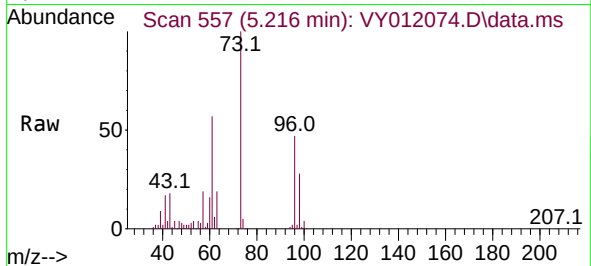




#19
Methyl tert-butyl Ether
Concen: 54.987 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

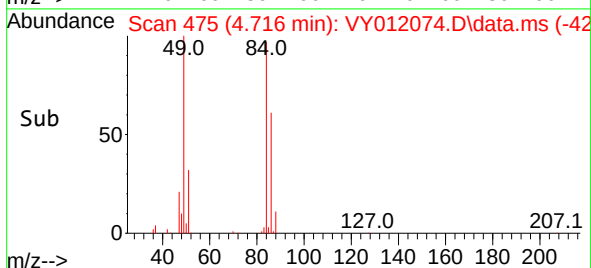
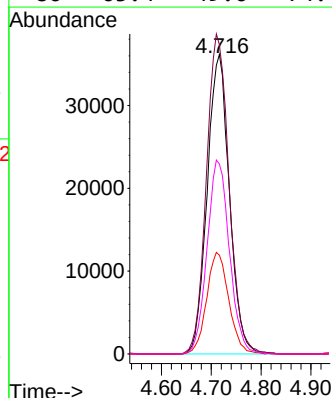
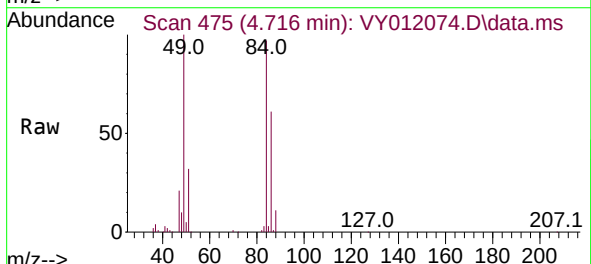
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

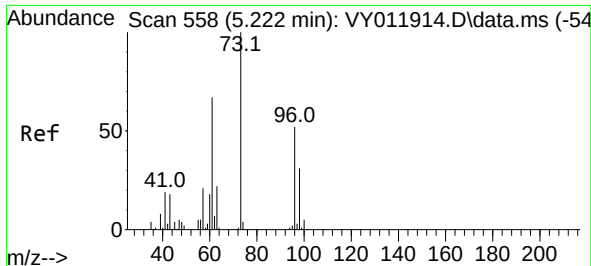
Tgt Ion: 73 Resp: 263782
Ion Ratio Lower Upper
73 100
57 18.9 17.4 26.0



#20
Methylene Chloride
Concen: 48.716 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 84 Resp: 111951
Ion Ratio Lower Upper
84 100
49 103.3 95.4 143.2
51 33.0 29.9 44.9
86 63.4 49.6 74.4

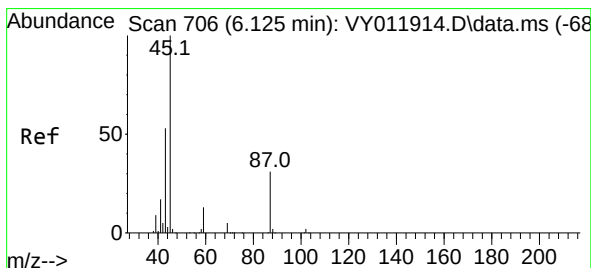
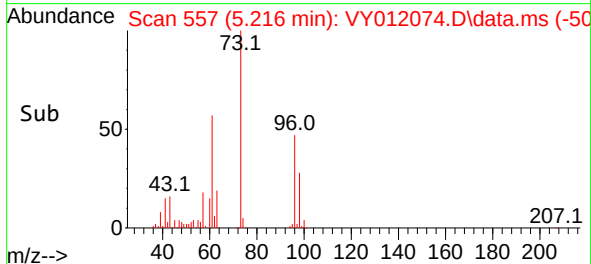
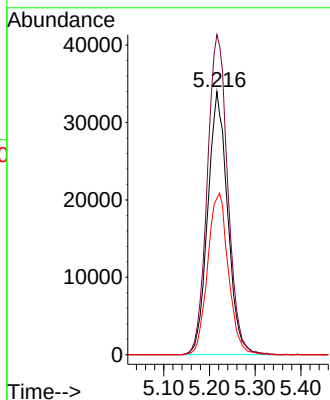
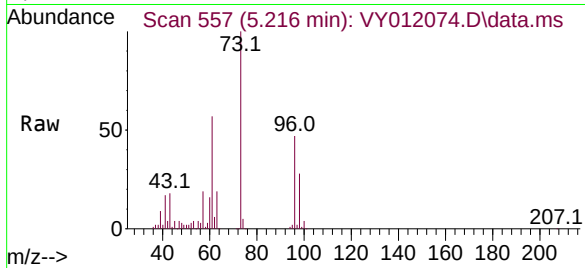




#21
trans-1,2-Dichloroethene
Concen: 48.255 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

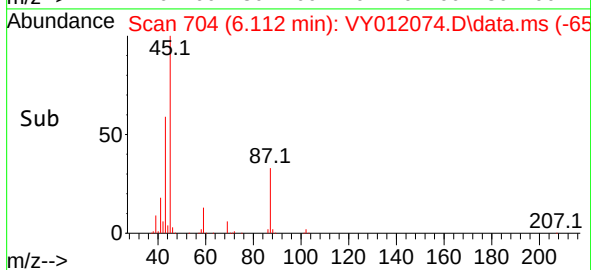
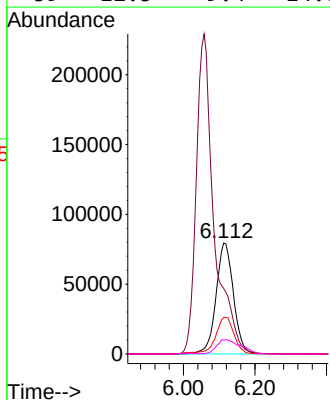
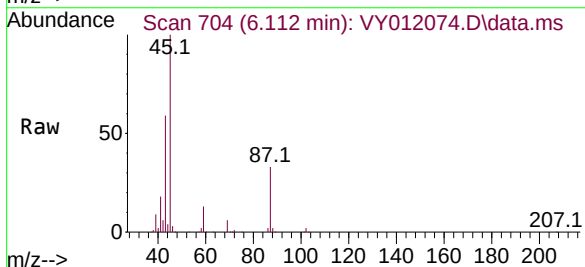
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

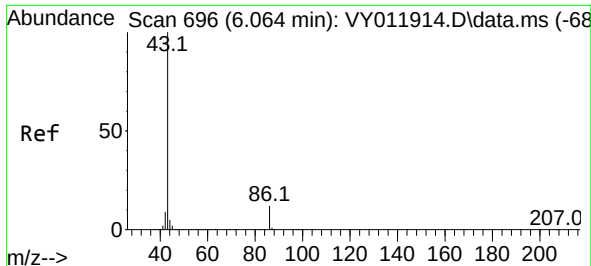
Tgt Ion: 96 Resp: 102513
Ion Ratio Lower Upper
96 100
61 121.7 108.0 162.0
98 59.5 51.6 77.4



#22
Diisopropyl ether
Concen: 49.537 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 45 Resp: 268619
Ion Ratio Lower Upper
45 100
43 59.1 45.0 67.4
87 32.8 22.6 33.8
59 12.5 9.4 14.0

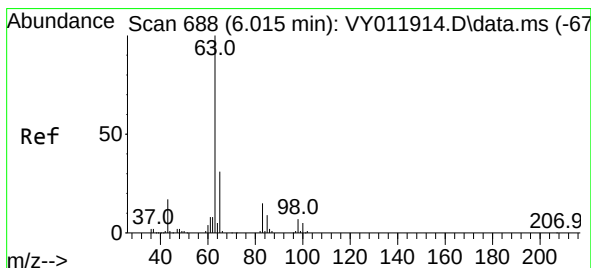
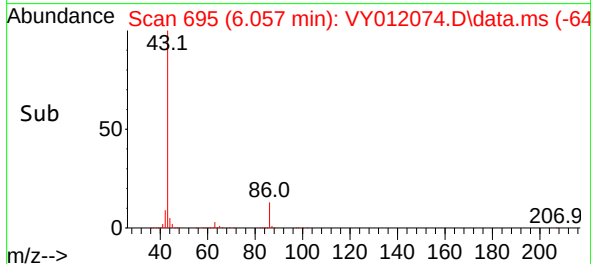
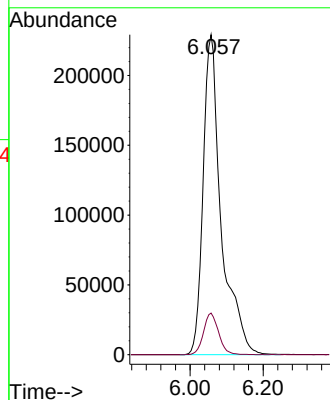
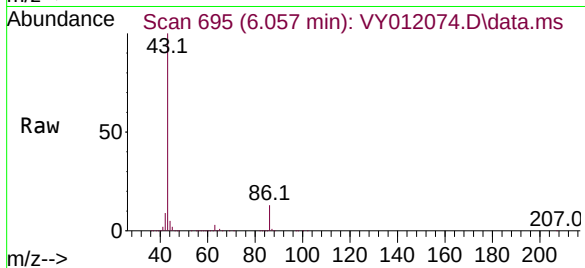




#23
 Vinyl Acetate
 Concen: 253.004 ug/l
 RT: 6.057 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY012074.D
 Acq: 05 Jan 2023 11:56

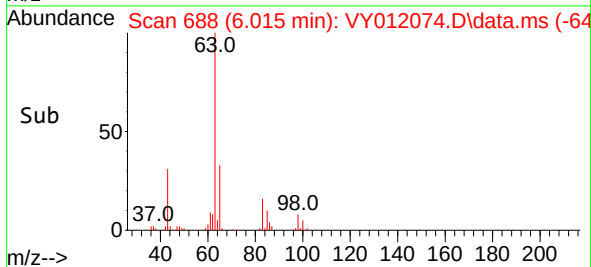
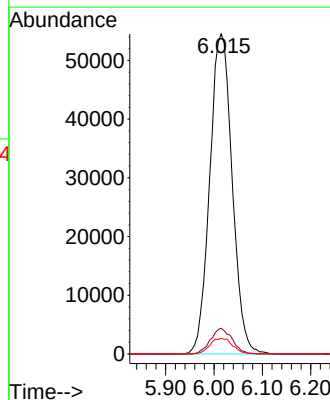
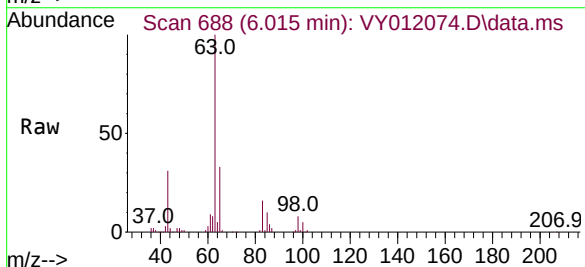
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

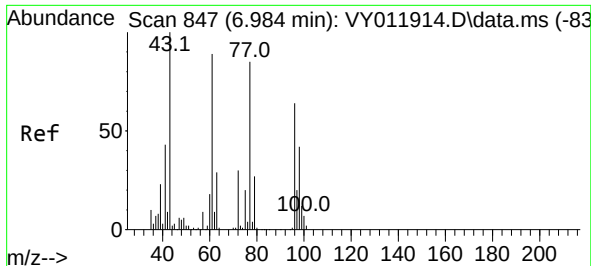
Tgt Ion: 43 Resp: 789334
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 49.857 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012074.D
 Acq: 05 Jan 2023 11:56

Tgt Ion: 63 Resp: 175737
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.5
 100 4.9 2.2 6.6

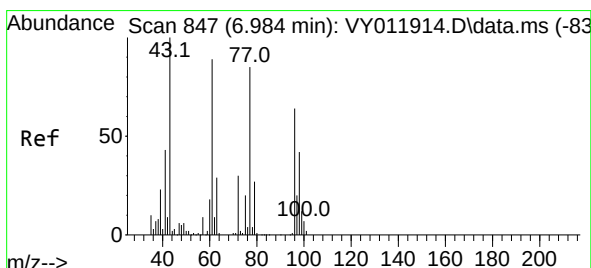
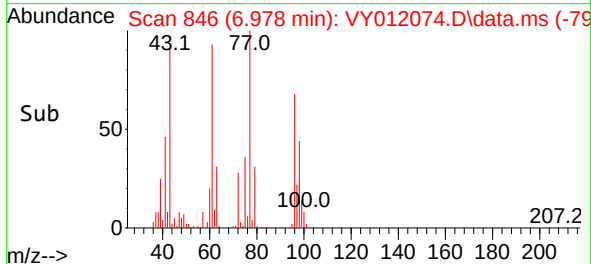
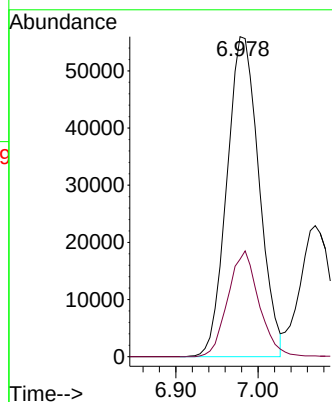
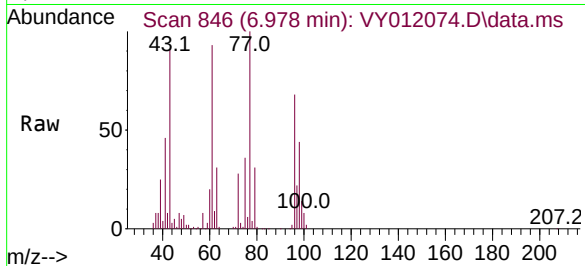




#25
2-Butanone
Concen: 229.522 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

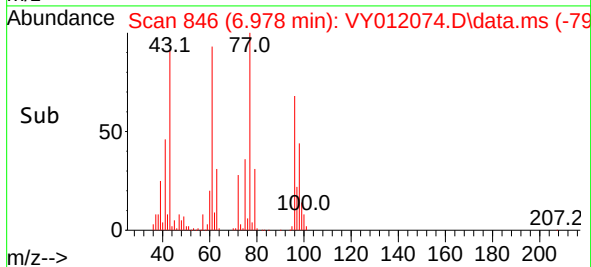
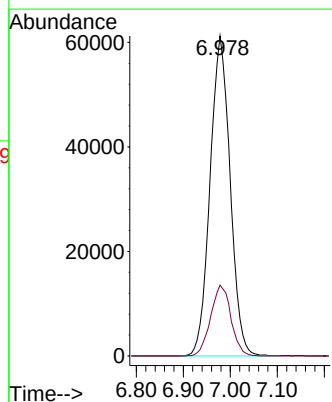
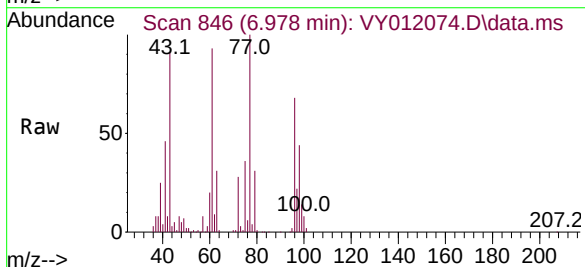
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

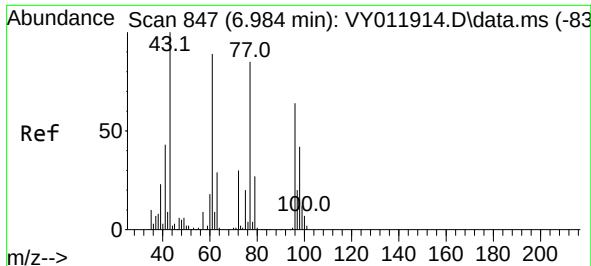
Tgt Ion: 43 Resp: 152217
Ion Ratio Lower Upper
43 100
72 30.5 22.6 34.0



#26
2,2-Dichloropropane
Concen: 52.631 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 77 Resp: 181531
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.316 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

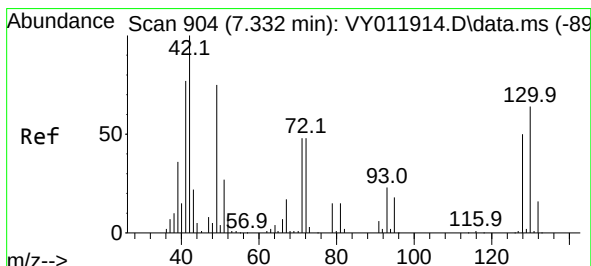
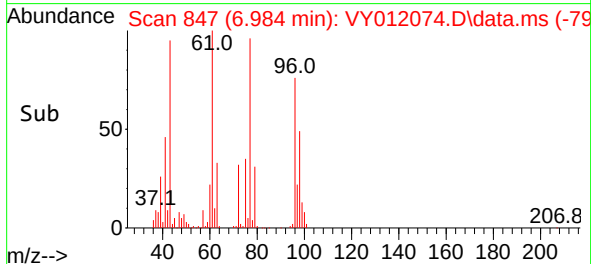
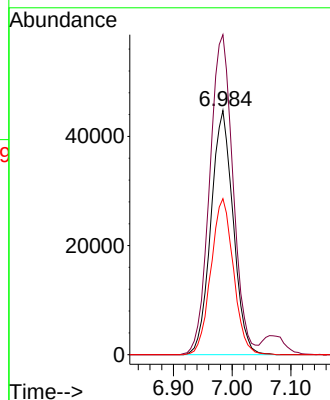
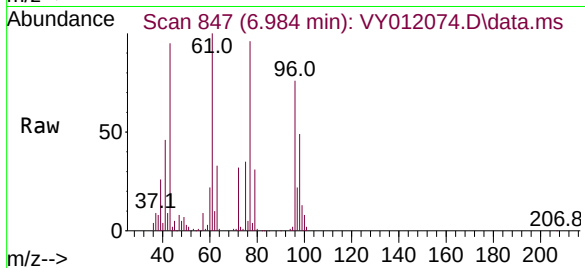
Tgt Ion: 96 Resp: 117908

Ion Ratio Lower Upper

96 100

61 137.7 0.0 283.4

98 64.5 0.0 127.6



#28

Bromochloromethane

Concen: 43.187 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

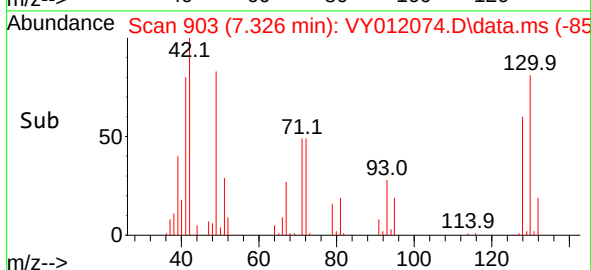
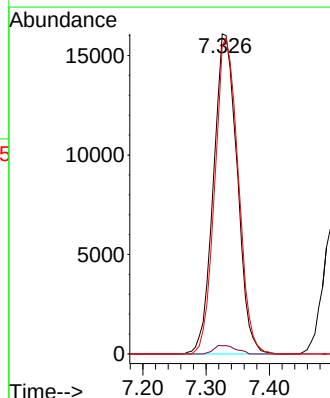
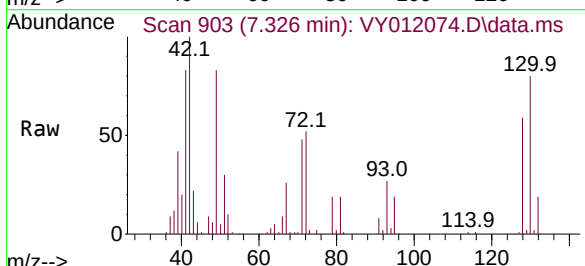
Tgt Ion: 49 Resp: 41773

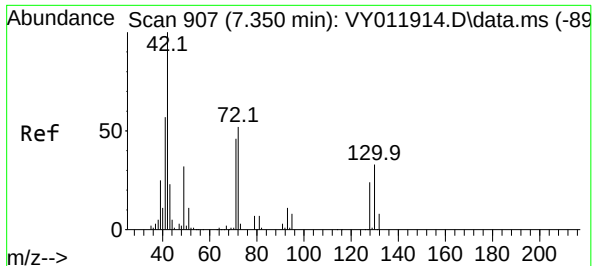
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 97.4 66.7 100.1





#29

Tetrahydrofuran

Concen: 243.770 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

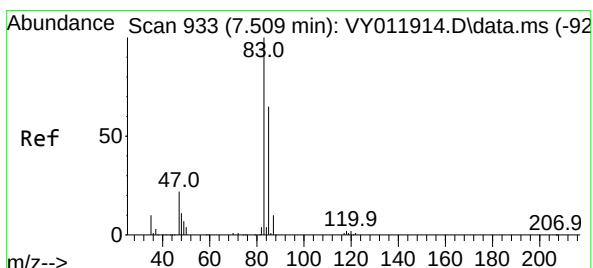
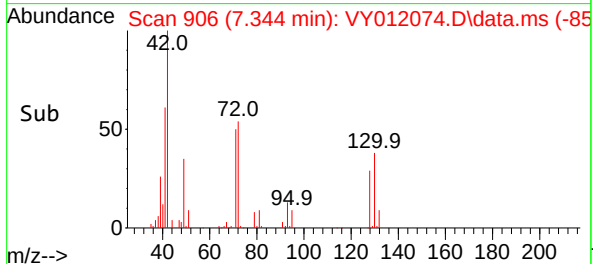
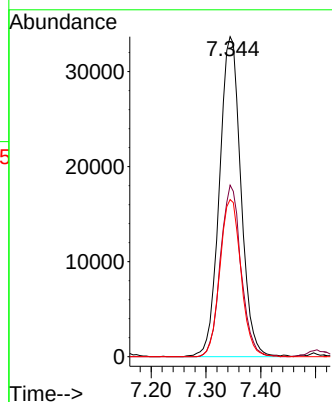
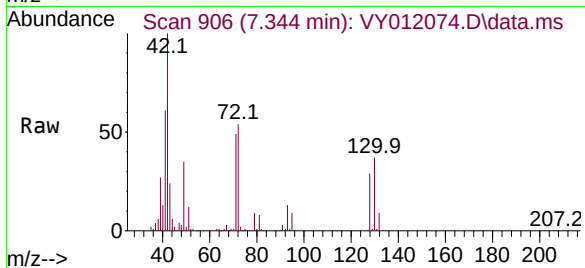
Tgt Ion: 42 Resp: 91596

Ion Ratio Lower Upper

42 100

72 51.5 37.0 55.6

71 48.4 34.9 52.3



#30

Chloroform

Concen: 61.492 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012074.D

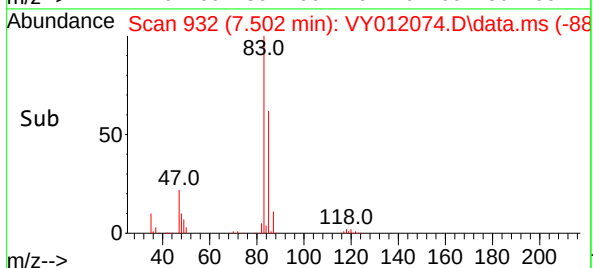
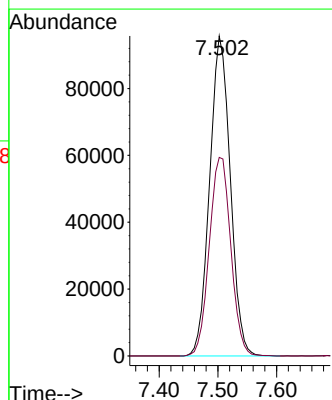
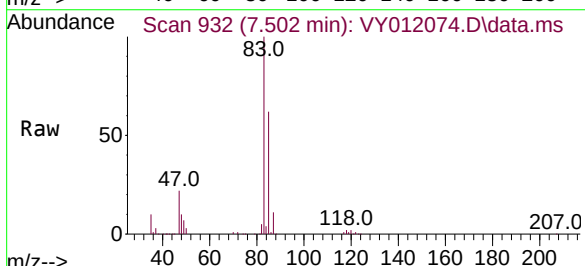
Acq: 05 Jan 2023 11:56

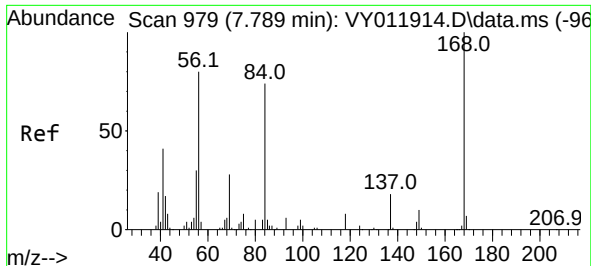
Tgt Ion: 83 Resp: 233621

Ion Ratio Lower Upper

83 100

85 62.1 51.5 77.3

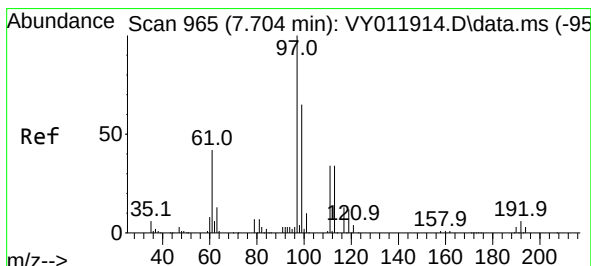
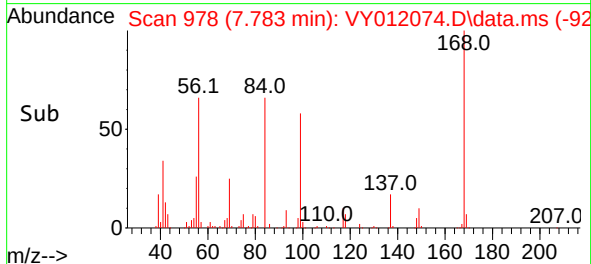
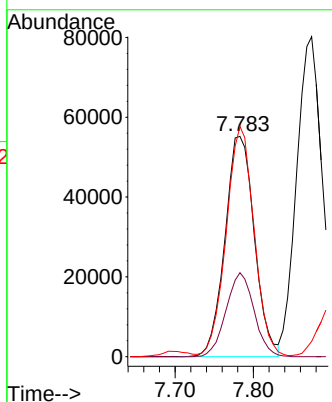
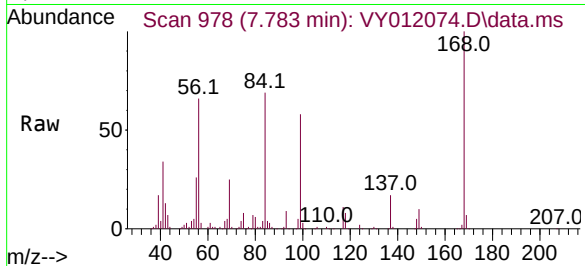




#31
Cyclohexane
Concen: 43.087 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

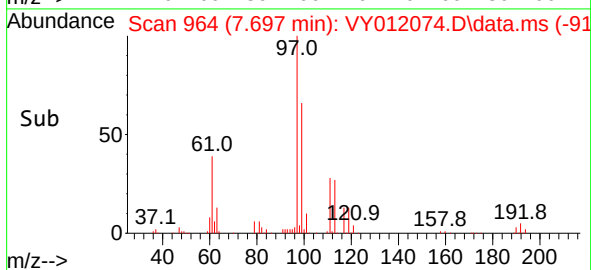
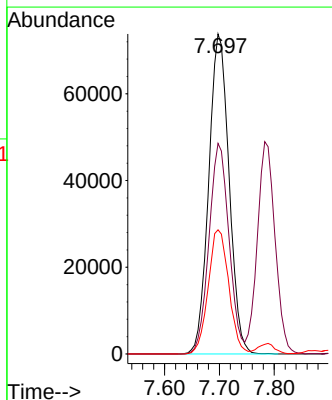
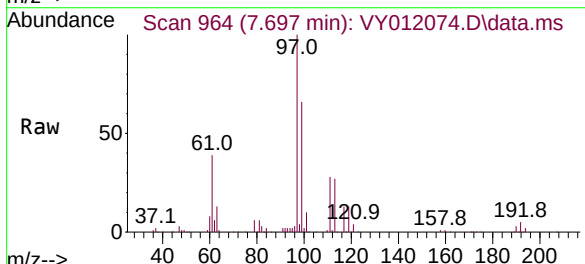
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

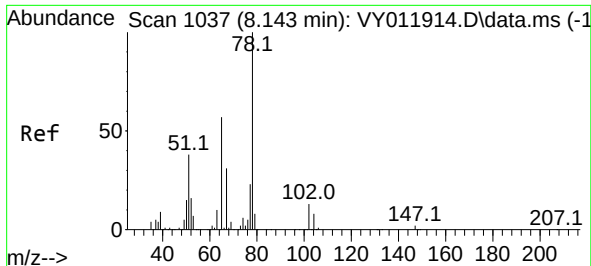
Tgt Ion: 56 Resp: 144410
Ion Ratio Lower Upper
56 100
69 38.1 29.2 43.8
84 102.2 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 52.467 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 97 Resp: 189593
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 39.3 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 45.382 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

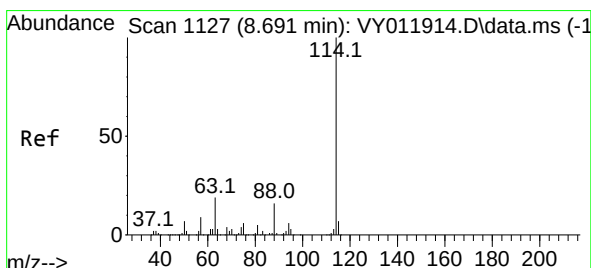
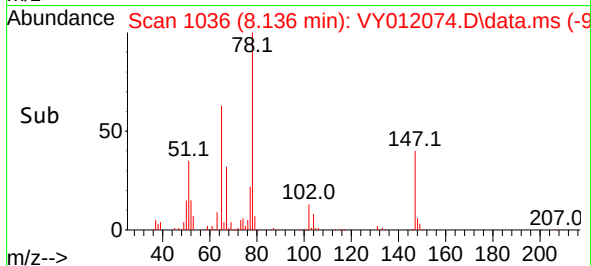
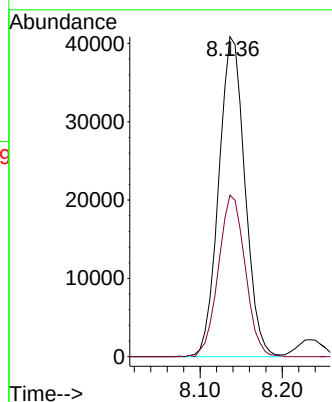
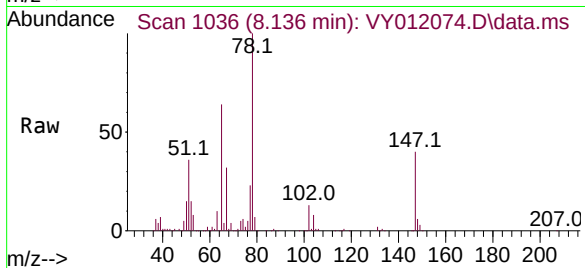
VSTDCCC050

Tgt Ion: 65 Resp: 90351

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

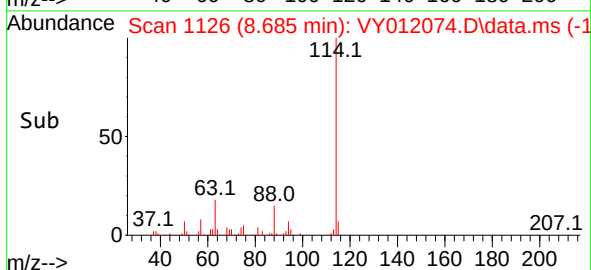
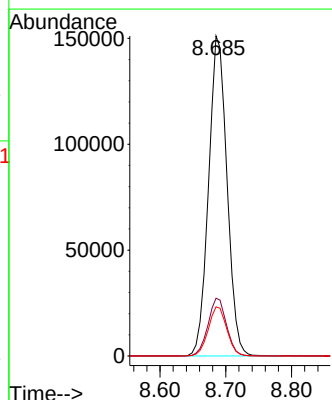
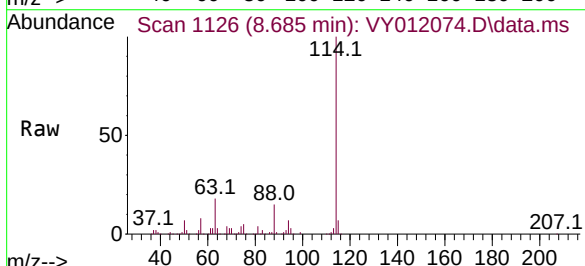
Tgt Ion: 114 Resp: 294659

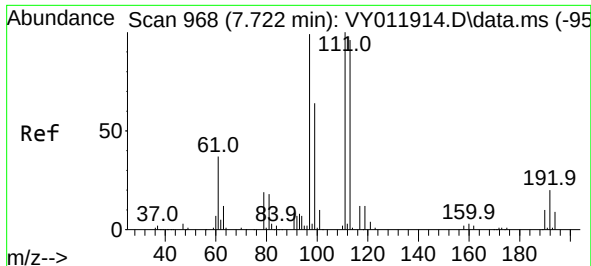
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 15.3 0.0 32.2

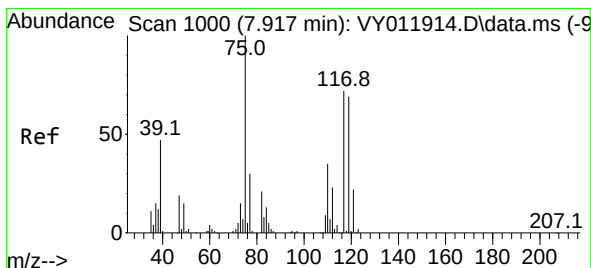
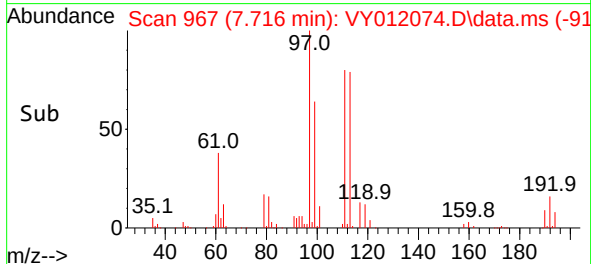
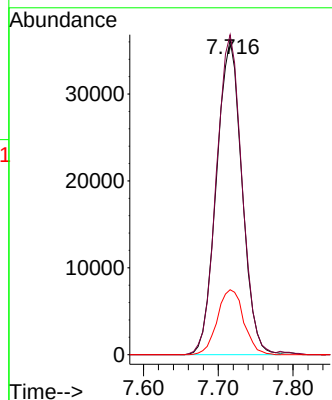
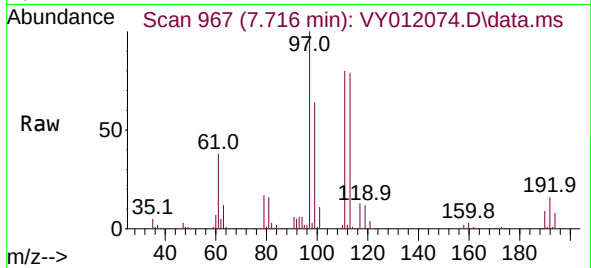




#35
Dibromofluoromethane
Concen: 48.315 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

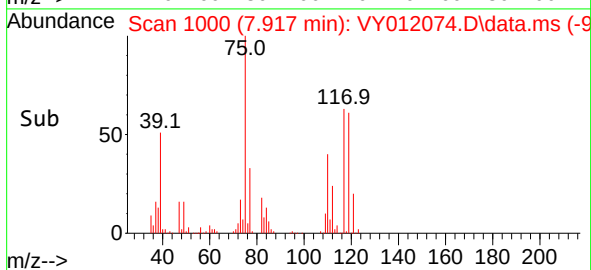
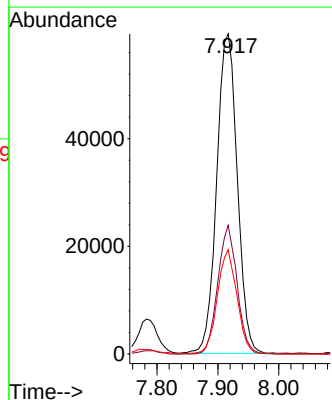
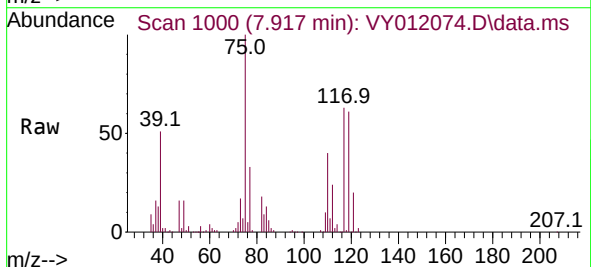
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

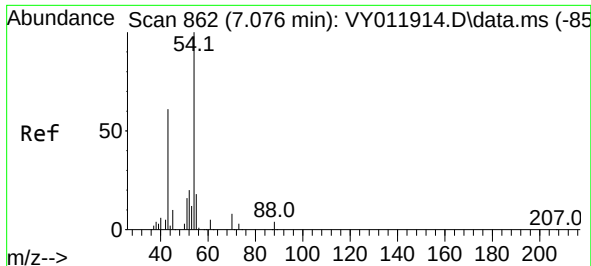
Tgt Ion:113 Resp: 85707
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.4
192 21.4 16.0 24.0



#36
1,1-Dichloropropene
Concen: 48.993 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 75 Resp: 139406
Ion Ratio Lower Upper
75 100
110 37.6 18.1 54.1
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 47.619 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

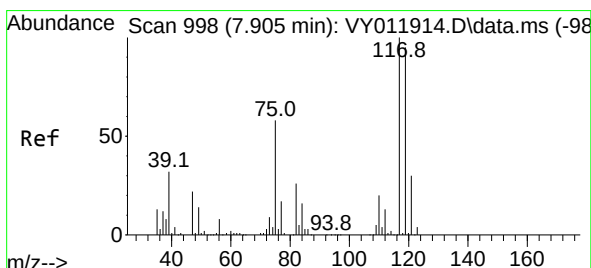
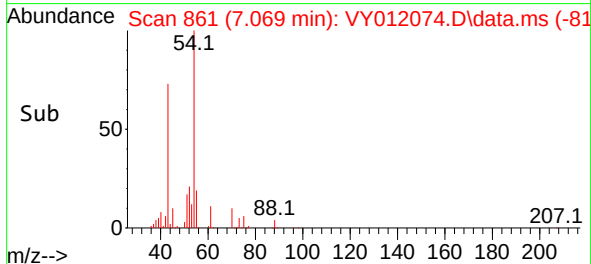
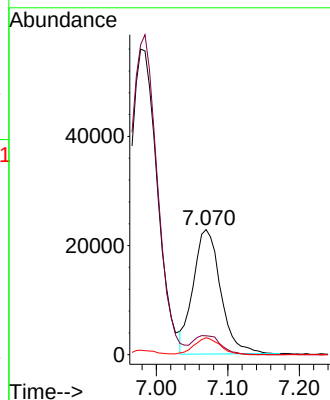
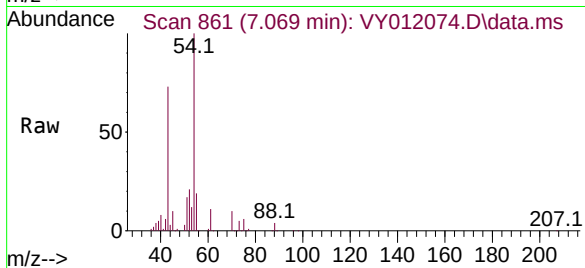
Tgt Ion: 43 Resp: 60791

Ion Ratio Lower Upper

43 100

61 15.1 11.3 16.9

70 12.9 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 54.198 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

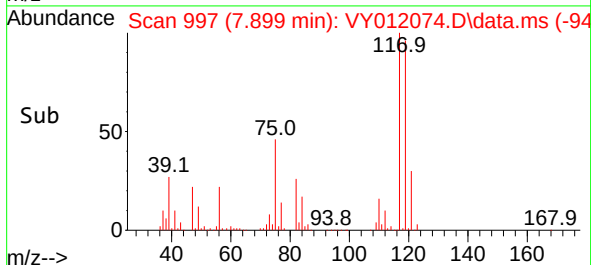
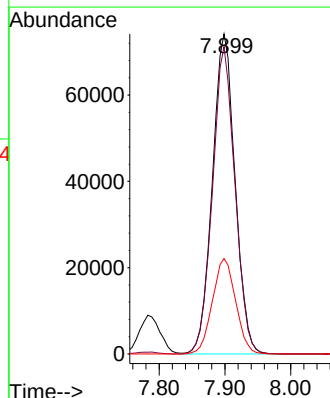
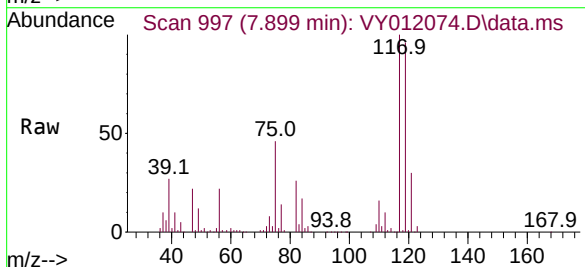
Tgt Ion: 117 Resp: 178108

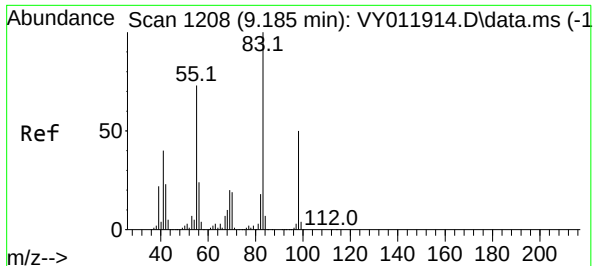
Ion Ratio Lower Upper

117 100

119 96.1 73.8 110.8

121 29.8 25.2 37.8





#39

Methylcyclohexane

Concen: 49.259 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

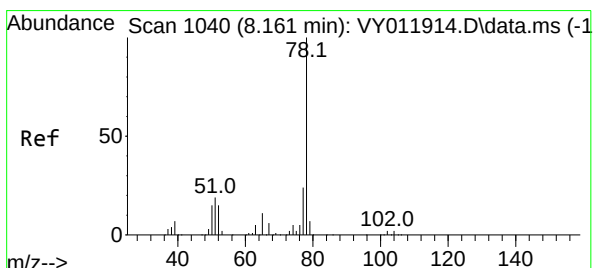
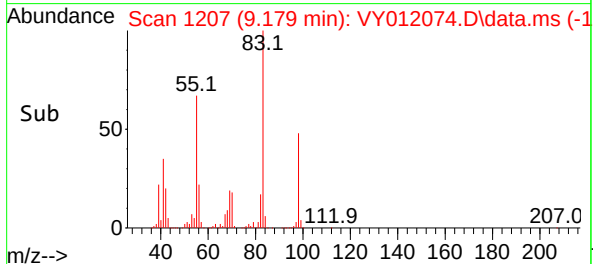
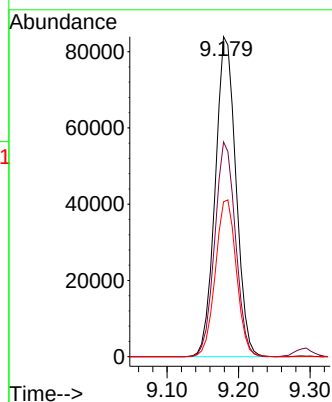
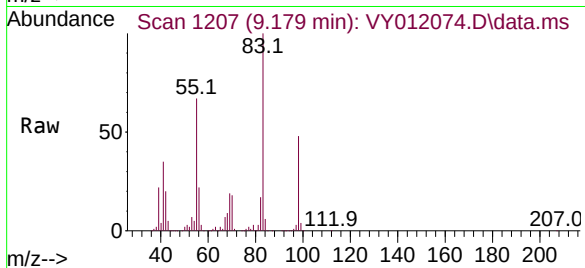
Tgt Ion: 83 Resp: 168654

Ion Ratio Lower Upper

83 100

55 67.1 58.2 87.2

98 48.4 38.6 58.0



#40

Benzene

Concen: 50.449 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012074.D

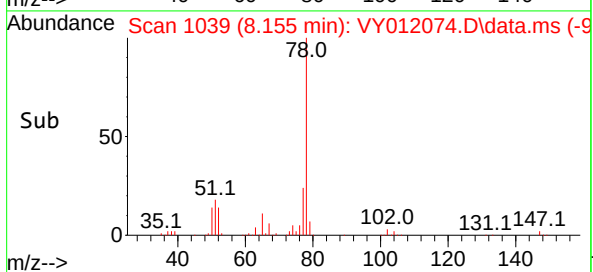
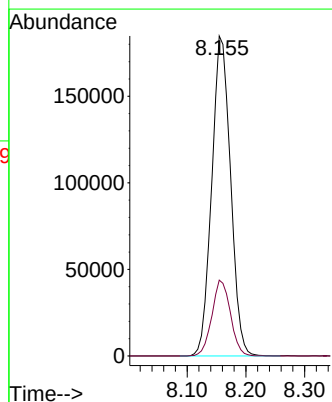
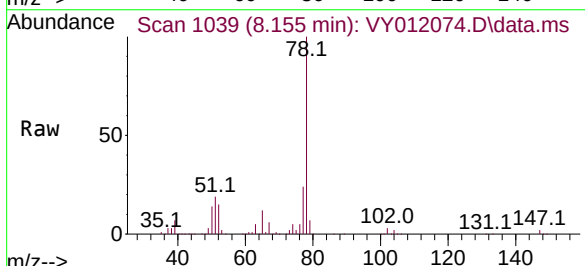
Acq: 05 Jan 2023 11:56

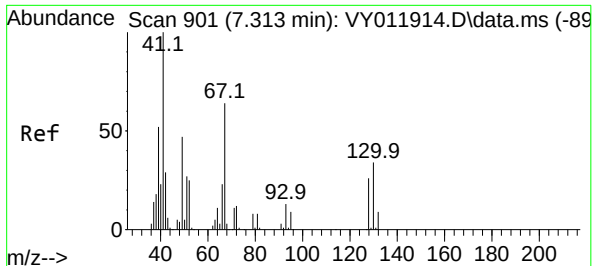
Tgt Ion: 78 Resp: 410807

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8

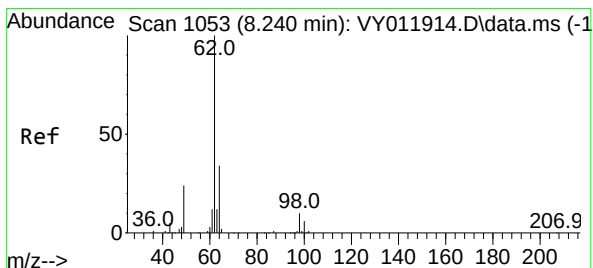
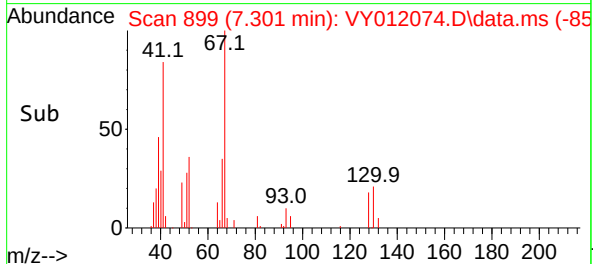
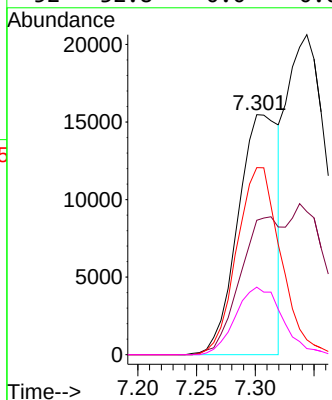
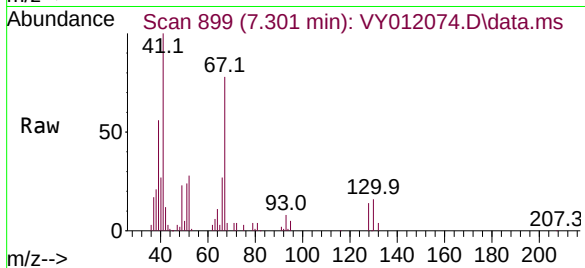




#41
Methacrylonitrile
Concen: 60.015 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

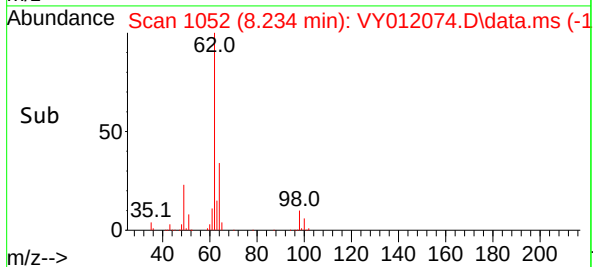
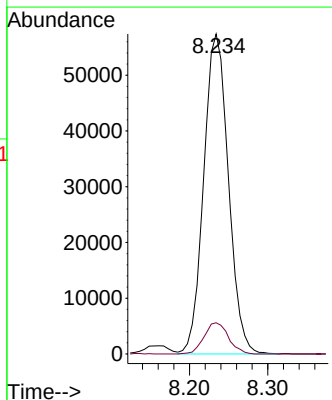
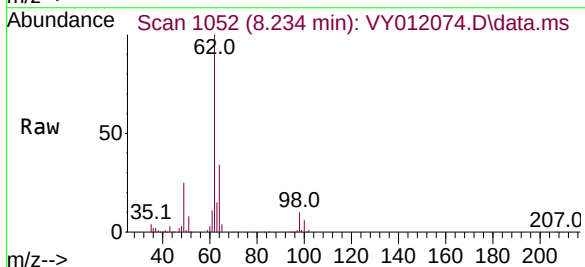
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

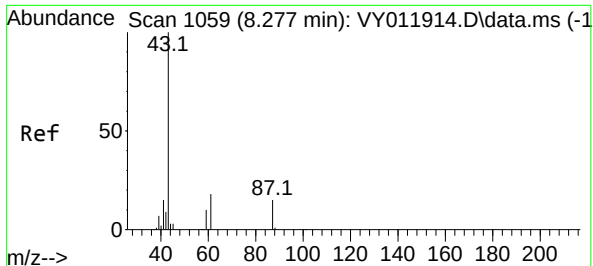
Tgt Ion:	41	Resp:	37049
Ion	Ratio	Lower	Upper
41	100		
39	63.2	0.0	0.0#
67	84.6	0.0	0.0#
52	32.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 53.634 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion:	62	Resp:	125730
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.6

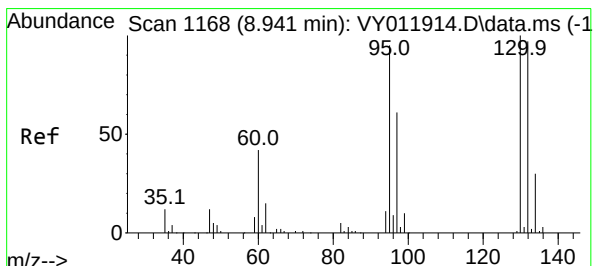
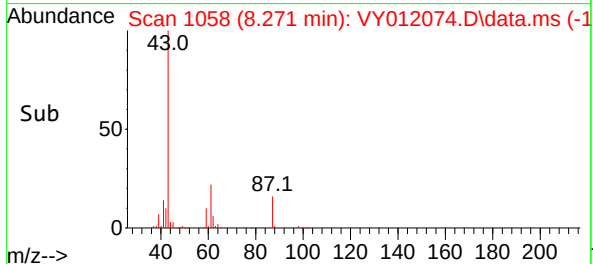
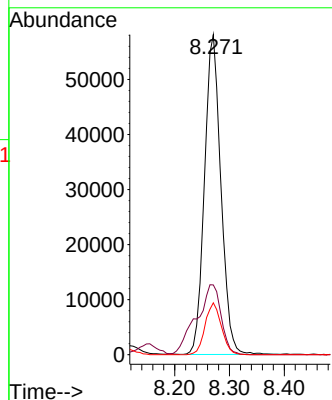
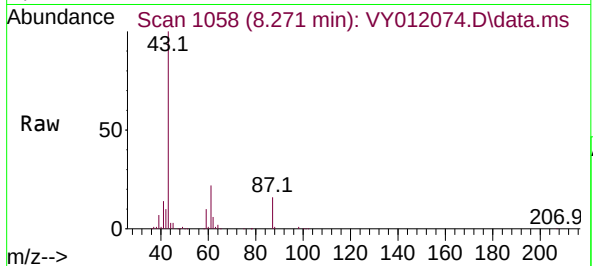




#43
Isopropyl Acetate
Concen: 51.712 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

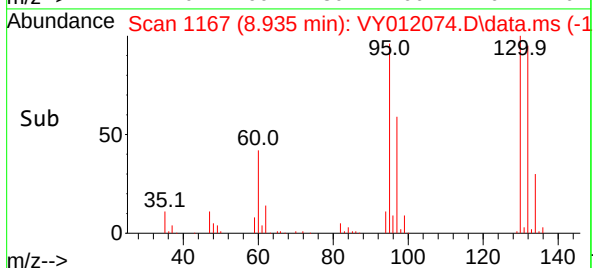
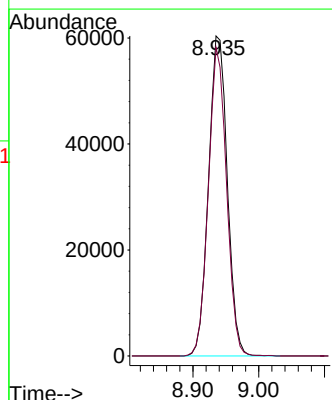
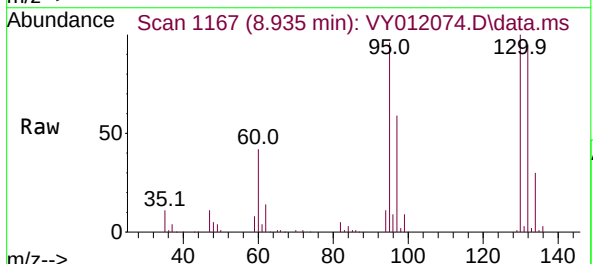
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

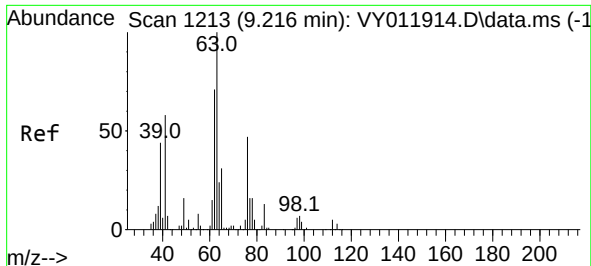
Tgt Ion: 43 Resp: 120568
Ion Ratio Lower Upper
43 100
61 32.9 24.4 36.6
87 16.1 11.4 17.2



#44
Trichloroethene
Concen: 52.351 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion:130 Resp: 120157
Ion Ratio Lower Upper
130 100
95 96.4 0.0 190.6





#45

1,2-Dichloropropane

Concen: 49.871 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

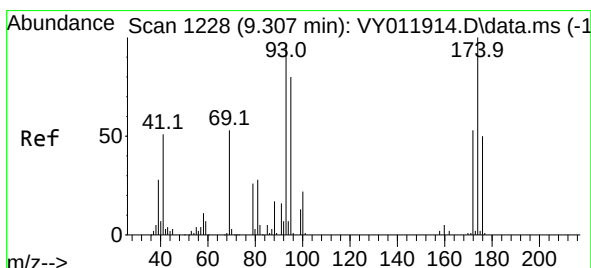
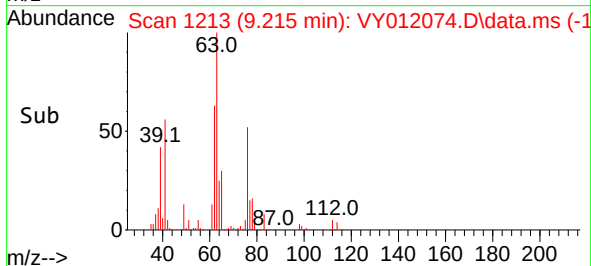
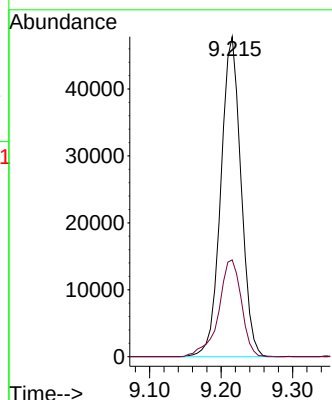
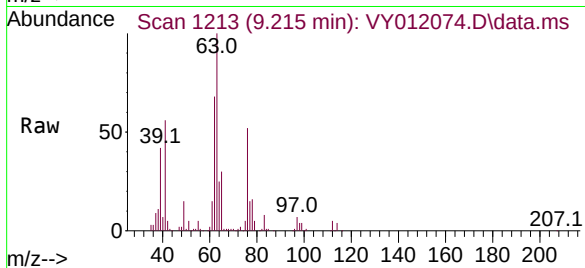
VSTDCCC050

Tgt Ion: 63 Resp: 93831

Ion Ratio Lower Upper

63 100

65 30.2 24.9 37.3



#46

Dibromomethane

Concen: 51.533 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

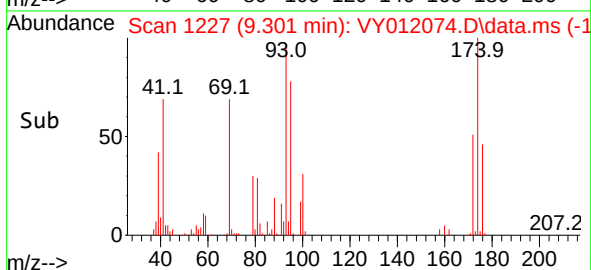
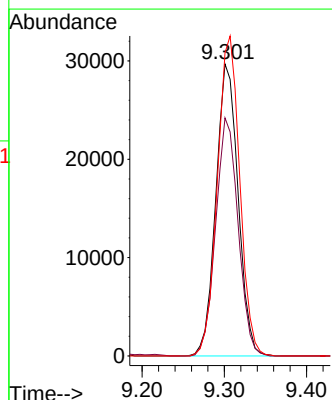
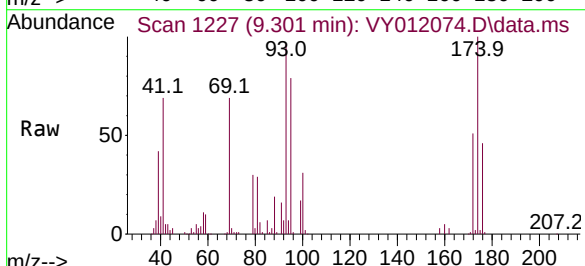
Tgt Ion: 93 Resp: 55849

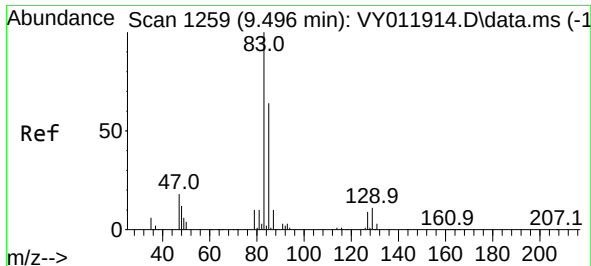
Ion Ratio Lower Upper

93 100

95 82.1 66.1 99.1

174 110.3 84.7 127.1

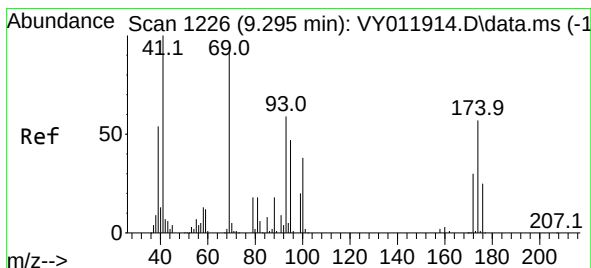
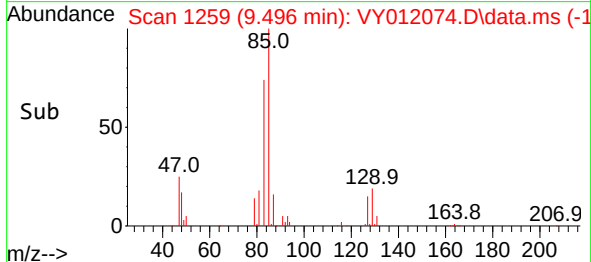
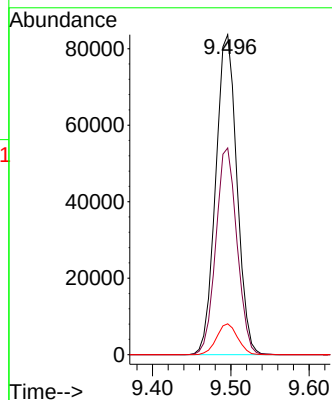
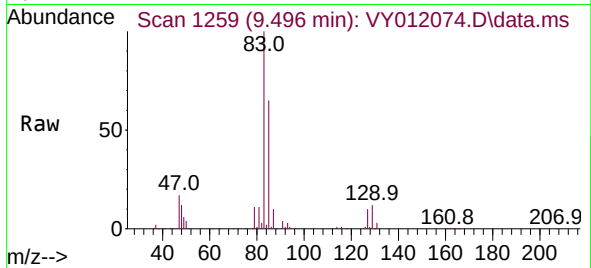




#47
Bromodichloromethane
Concen: 57.225 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

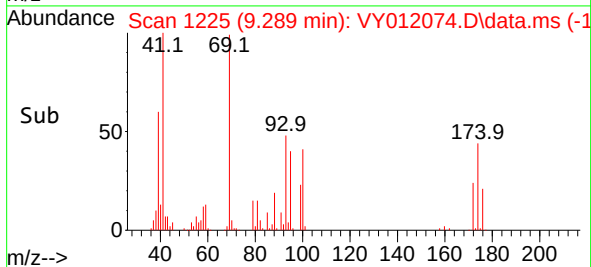
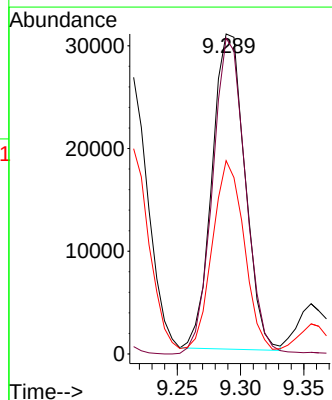
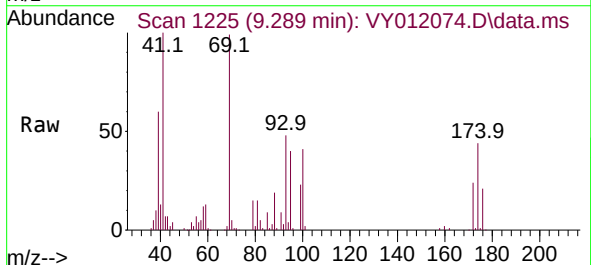
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

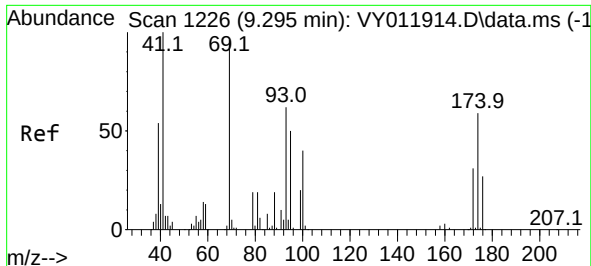
Tgt Ion: 83 Resp: 157338
Ion Ratio Lower Upper
83 100
85 64.6 52.0 78.0
127 9.6 7.3 10.9



#48
Methyl methacrylate
Concen: 51.457 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 41 Resp: 55549
Ion Ratio Lower Upper
41 100
69 100.4 74.2 111.2
39 57.5 46.3 69.5





#49

1,4-Dioxane

Concen: 1168.455 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

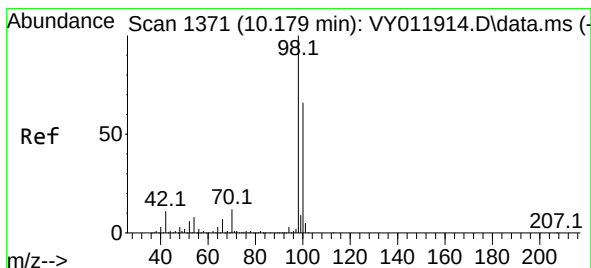
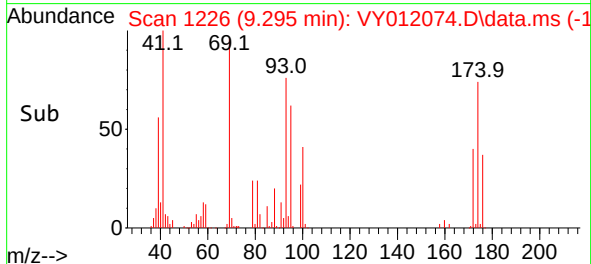
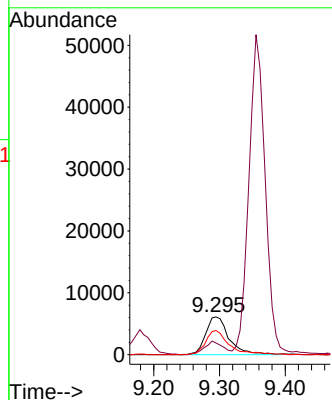
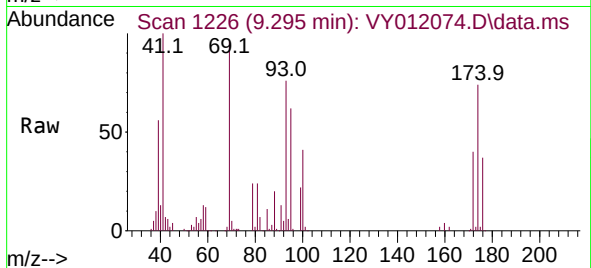
Tgt Ion: 88 Resp: 15119

Ion Ratio Lower Upper

88 100

43 29.0 26.2 39.2

58 64.3 54.3 81.5



#50

Toluene-d8

Concen: 44.610 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012074.D

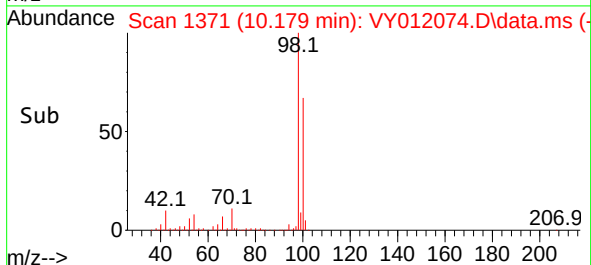
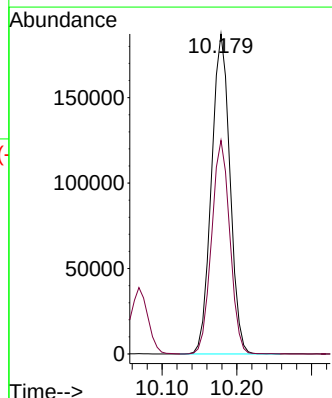
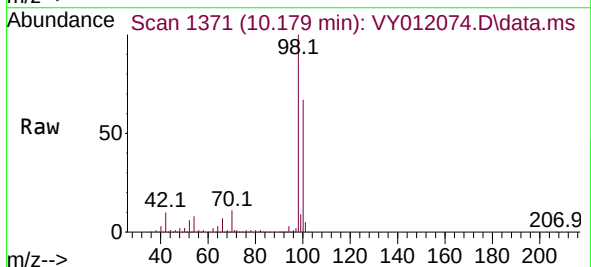
Acq: 05 Jan 2023 11:56

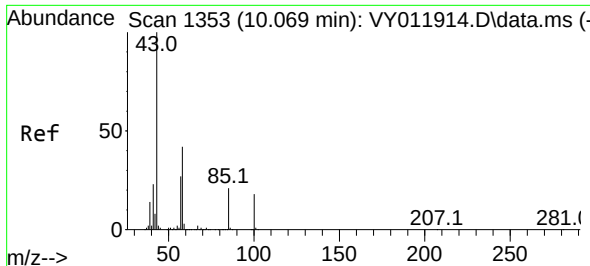
Tgt Ion: 98 Resp: 321070

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9

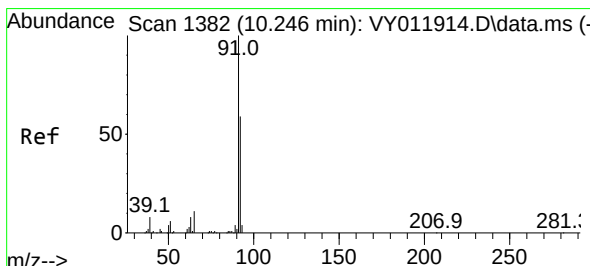
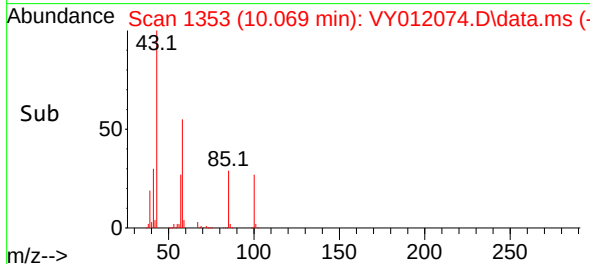
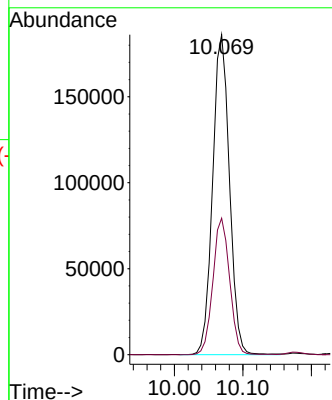
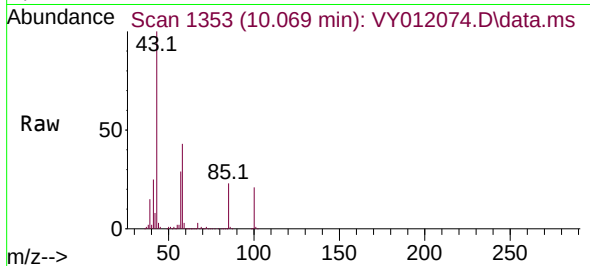




#51
4-Methyl-2-Pentanone
Concen: 254.823 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

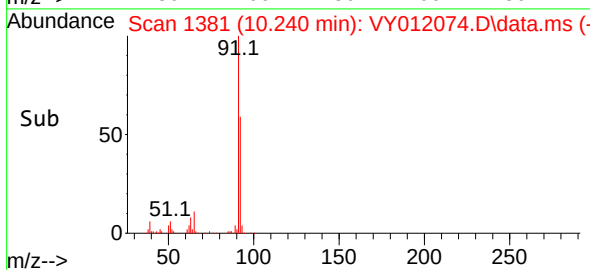
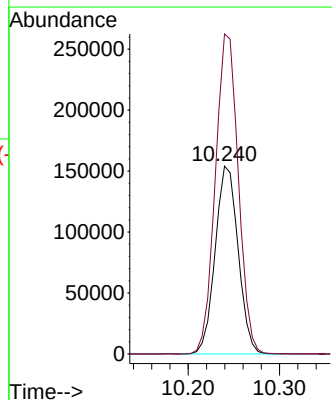
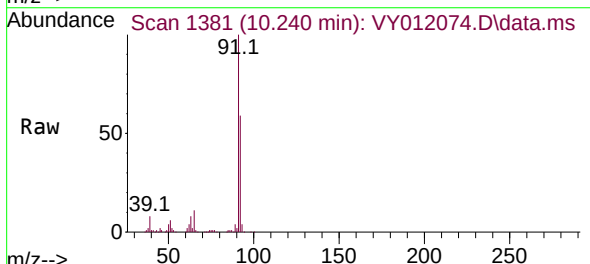
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

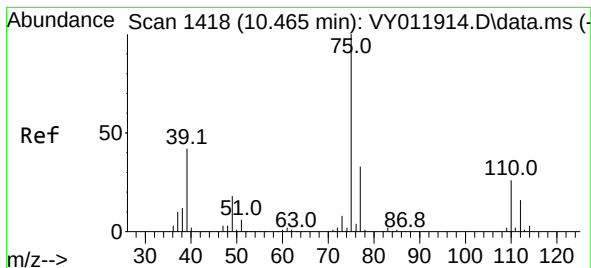
Tgt Ion: 43 Resp: 316803
Ion Ratio Lower Upper
43 100
58 42.4 32.9 49.3



#52
Toluene
Concen: 51.794 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 92 Resp: 268714
Ion Ratio Lower Upper
92 100
91 171.1 137.4 206.0

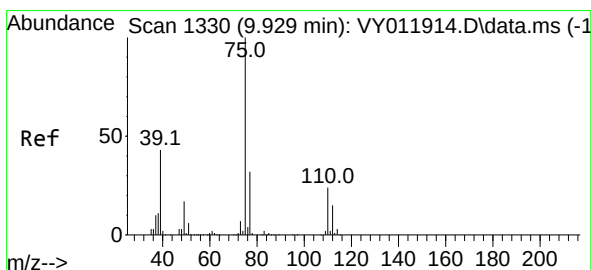
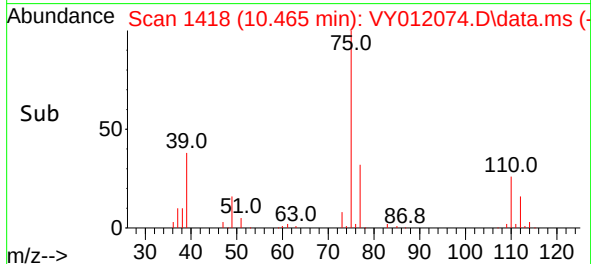
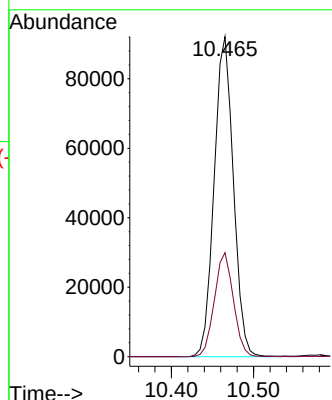
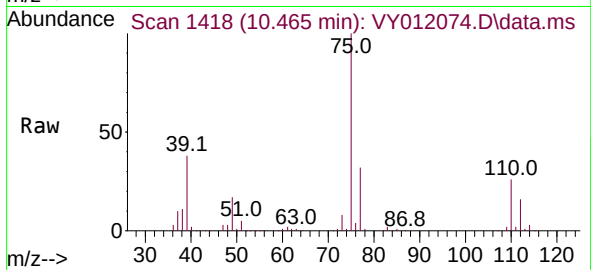




#53
t-1,3-Dichloropropene
Concen: 53.884 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

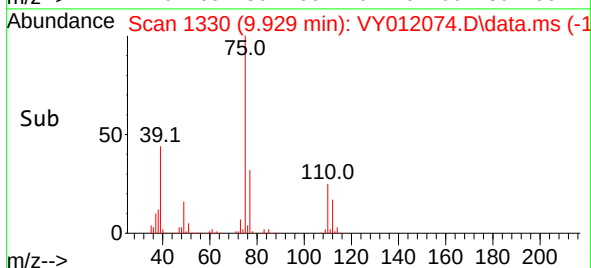
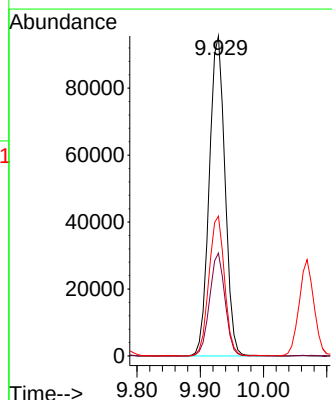
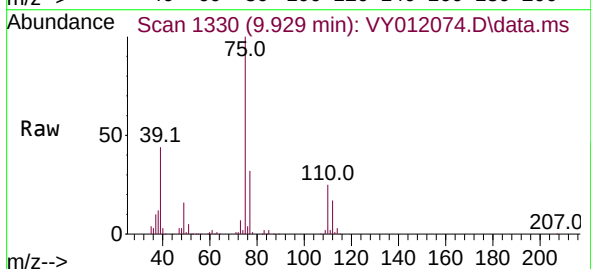
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

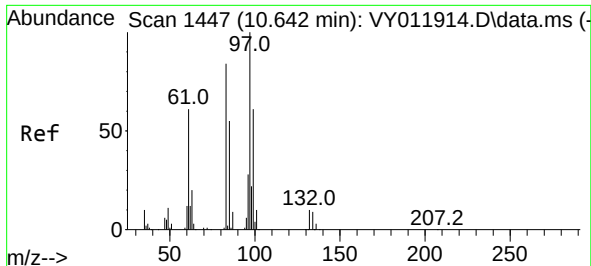
Tgt Ion: 75 Resp: 149702
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 53.098 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 75 Resp: 165816
Ion Ratio Lower Upper
75 100
77 32.2 25.9 38.9
39 43.6 34.6 52.0

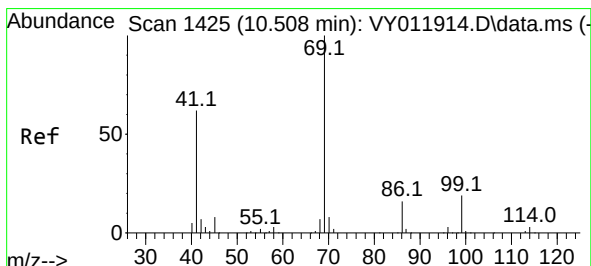
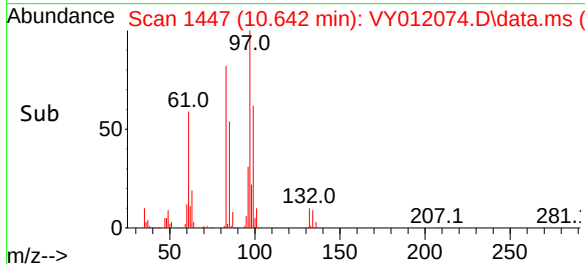
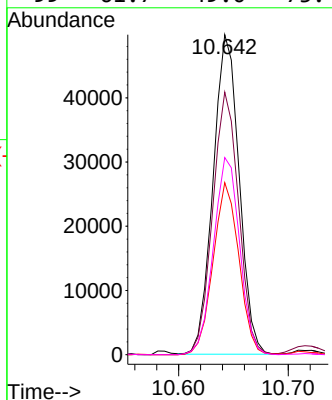
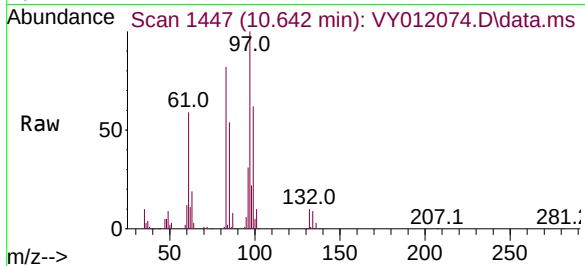




#55
1,1,2-Trichloroethane
Concen: 53.396 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

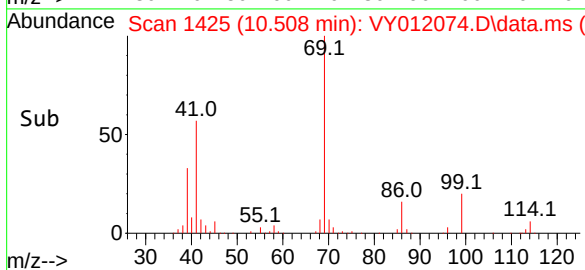
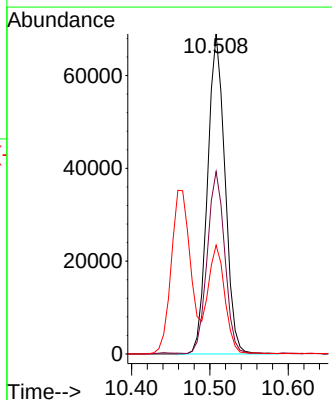
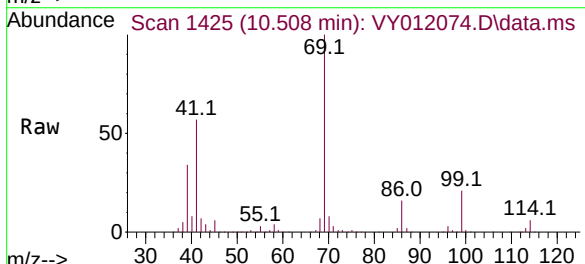
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

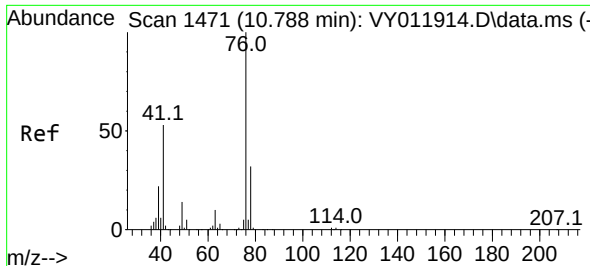
Tgt Ion: 97	Resp: 82118
Ion Ratio	Lower Upper
97 100	
83 82.2	67.7 101.5
85 53.9	43.8 65.8
99 61.7	49.0 73.4



#56
Ethyl methacrylate
Concen: 54.653 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 69	Resp: 106418
Ion Ratio	Lower Upper
69 100	
41 56.7	48.9 73.3
39 31.8	25.9 38.9

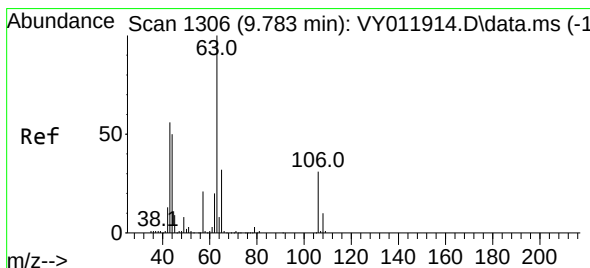
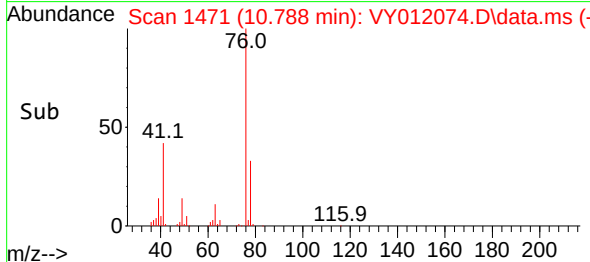
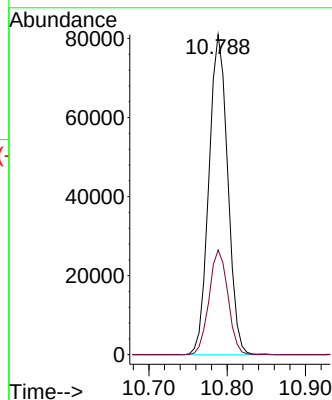
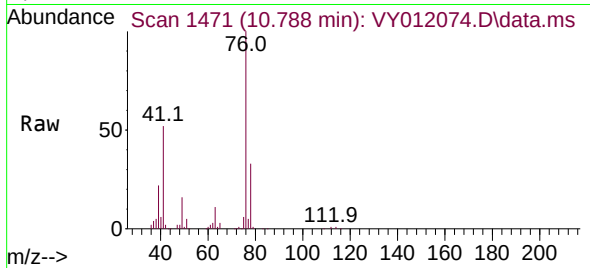




#57
1,3-Dichloropropane
Concen: 52.561 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

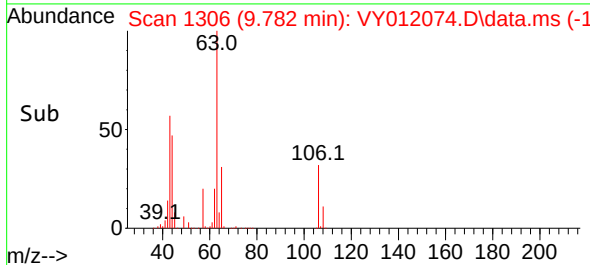
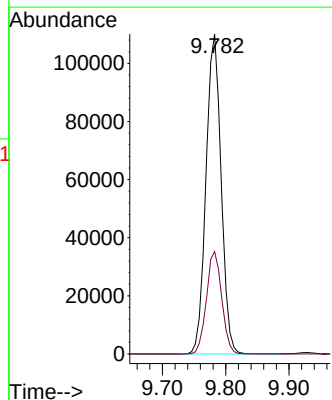
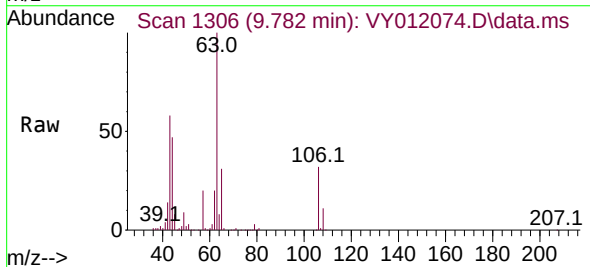
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

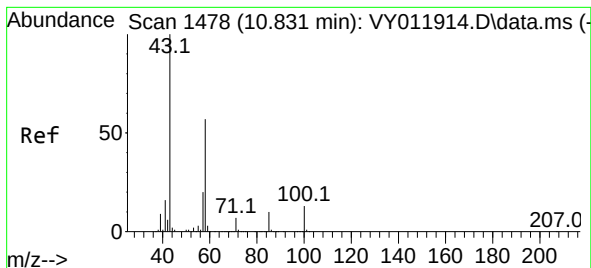
Tgt Ion: 76 Resp: 134896
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 244.052 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 63 Resp: 183372
Ion Ratio Lower Upper
63 100
106 32.3 23.2 34.8

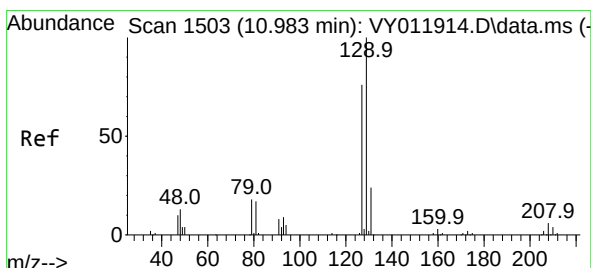
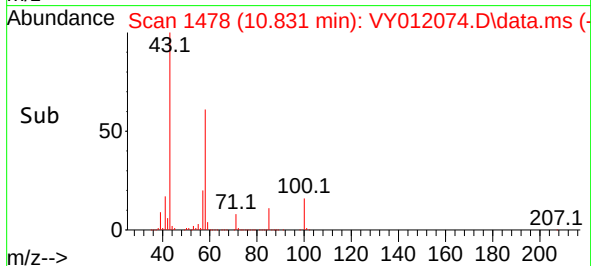
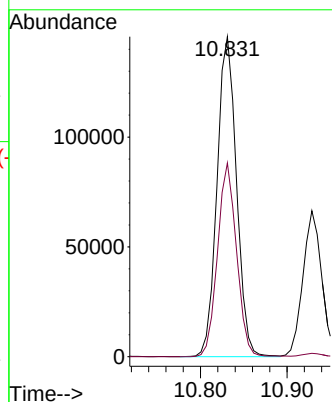
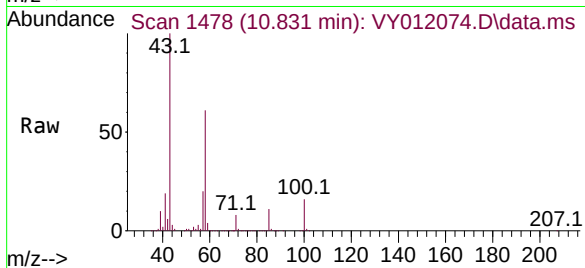




#59
2-Hexanone
Concen: 248.753 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

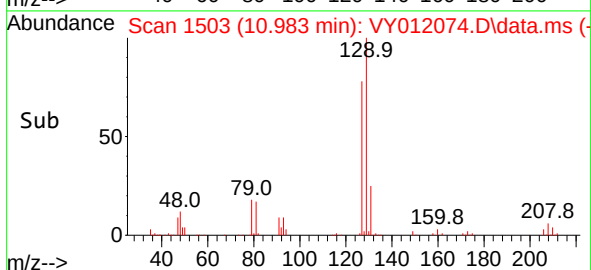
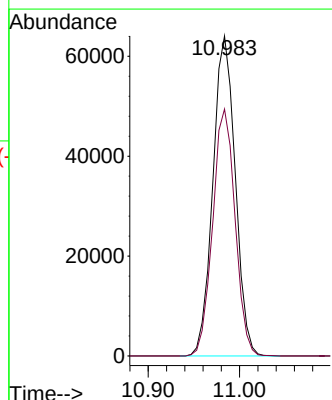
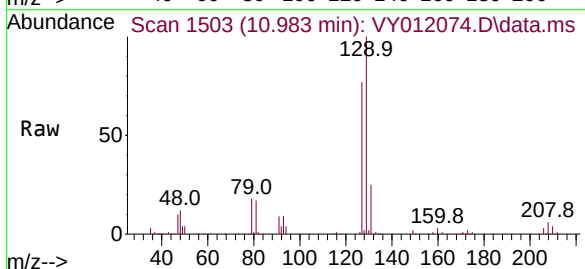
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

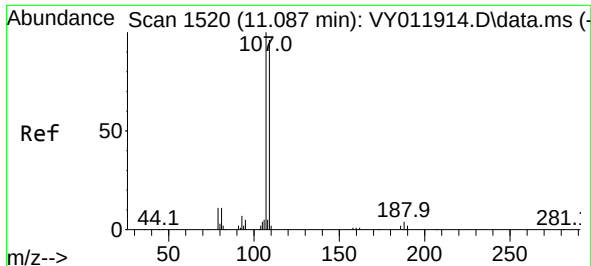
Tgt Ion: 43 Resp: 227513
Ion Ratio Lower Upper
43 100
58 59.0 28.4 85.2



#60
Dibromochloromethane
Concen: 56.204 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 129 Resp: 108889
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6

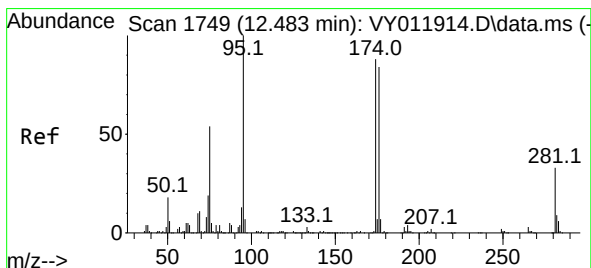
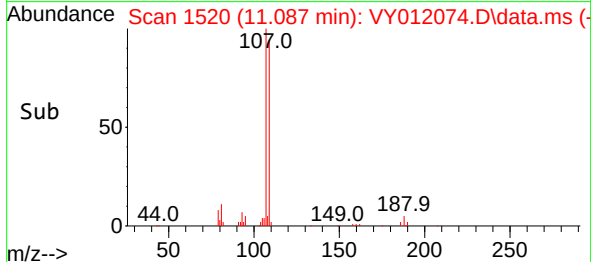
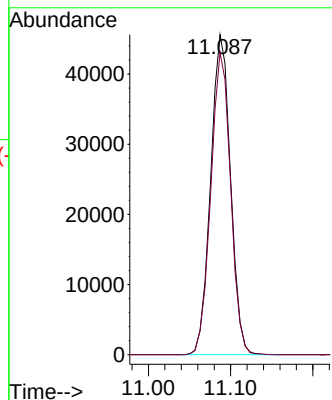
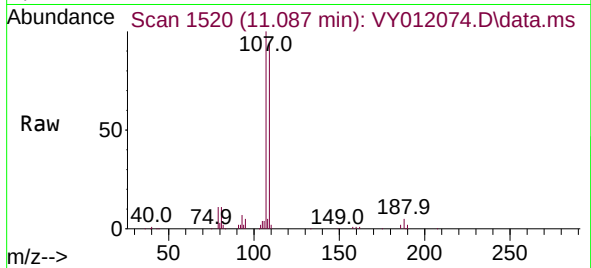




#61
1,2-Dibromoethane
Concen: 53.164 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

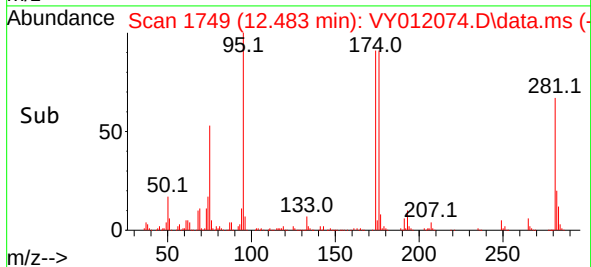
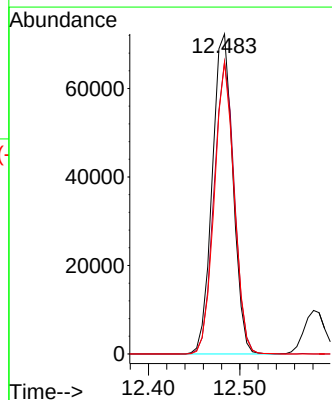
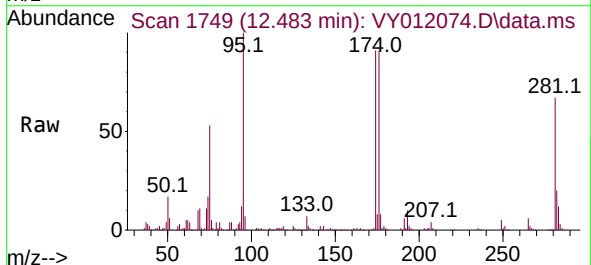
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

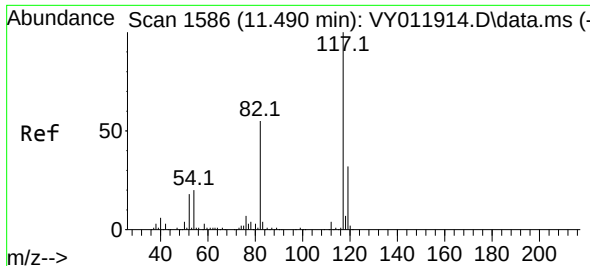
Tgt Ion:107 Resp: 76494
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 46.865 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 95 Resp: 113442
Ion Ratio Lower Upper
95 100
174 90.1 0.0 172.0
176 87.4 0.0 167.6

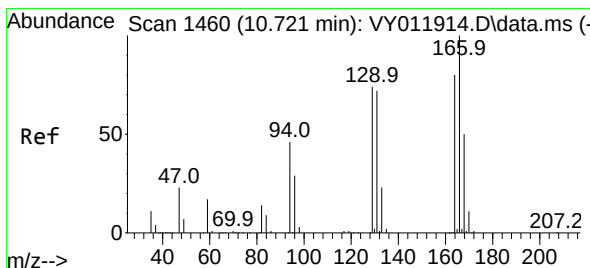
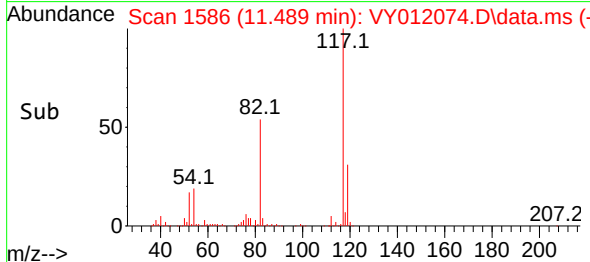
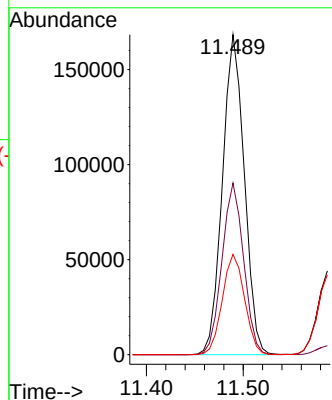
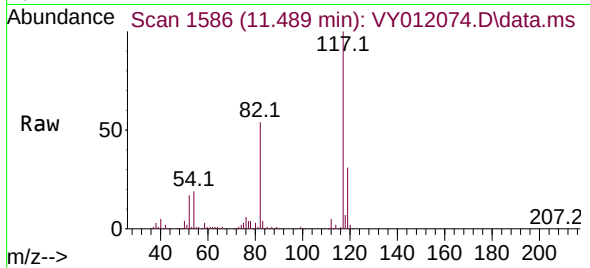




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

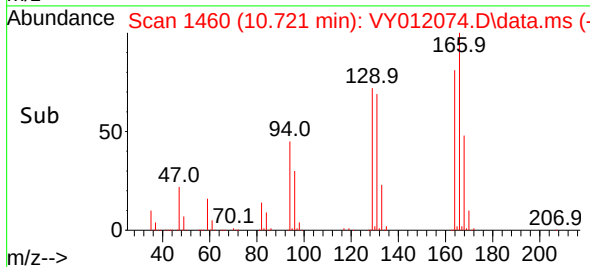
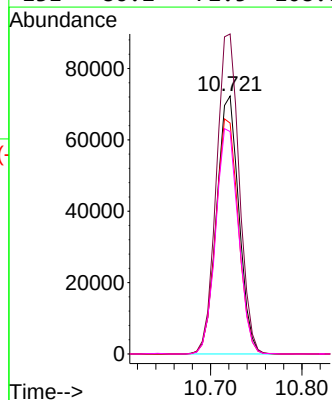
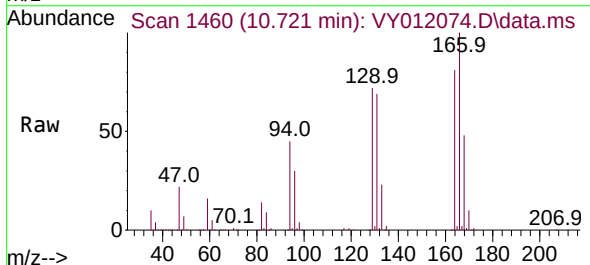
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

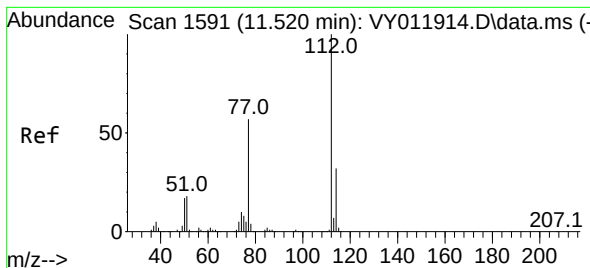
Tgt Ion:117 Resp: 264250
Ion Ratio Lower Upper
117 100
82 53.6 44.8 67.2
119 31.3 25.4 38.2



#64
Tetrachloroethene
Concen: 53.151 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion:164 Resp: 122938
Ion Ratio Lower Upper
164 100
166 124.1 102.3 153.5
129 89.5 77.2 115.8
131 86.2 72.5 108.7





#65

Chlorobenzene

Concen: 52.903 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

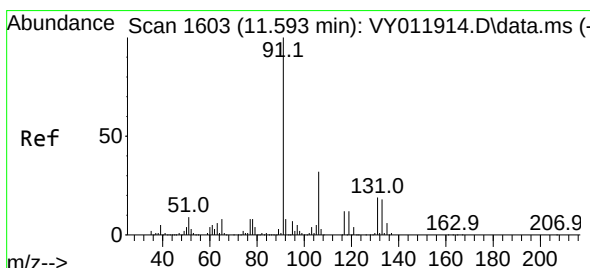
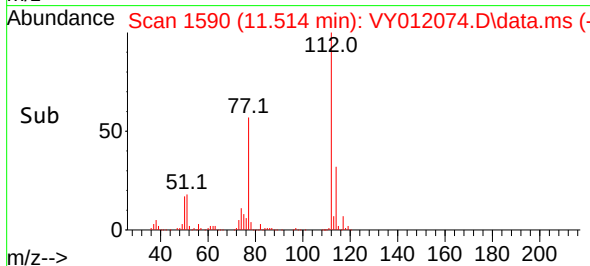
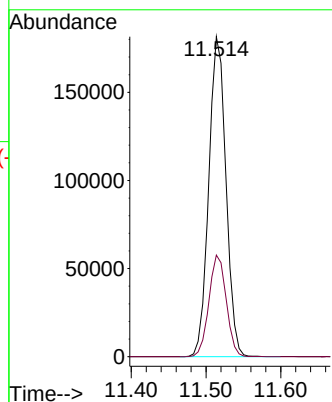
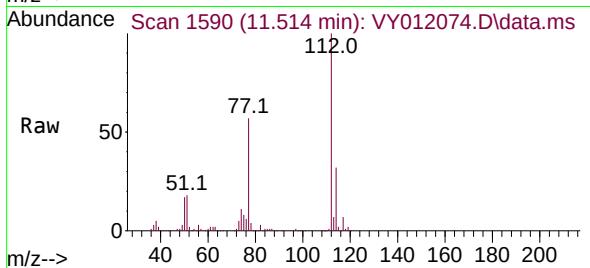
VSTDCCC050

Tgt Ion:112 Resp: 290267

Ion Ratio Lower Upper

112 100

114 31.8 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 55.603 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

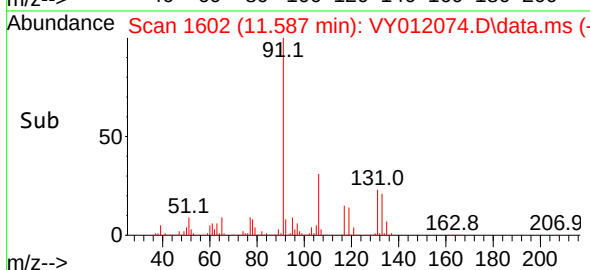
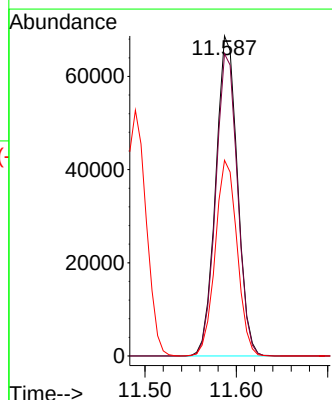
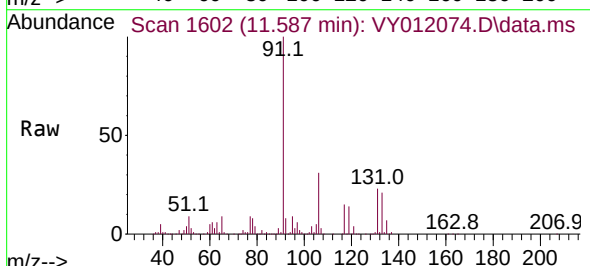
Tgt Ion:131 Resp: 113509

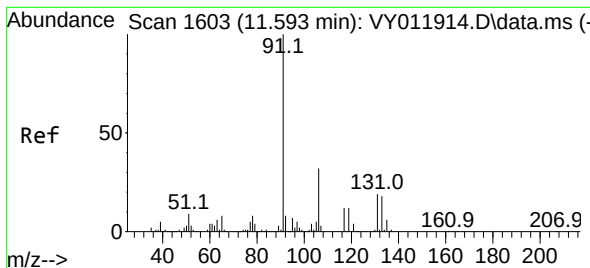
Ion Ratio Lower Upper

131 100

133 94.7 47.3 142.0

119 61.6 32.1 96.3





#67

Ethyl Benzene

Concen: 52.741 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

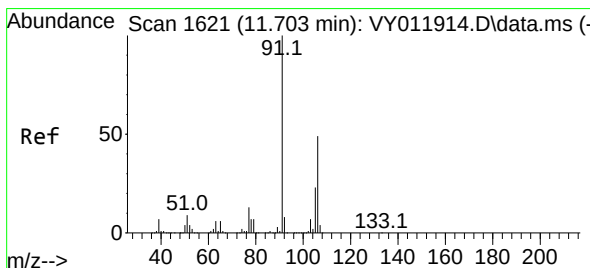
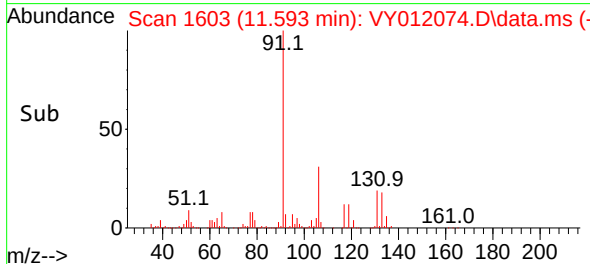
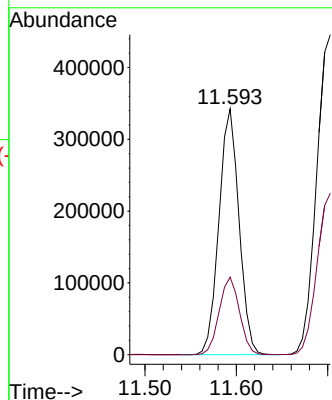
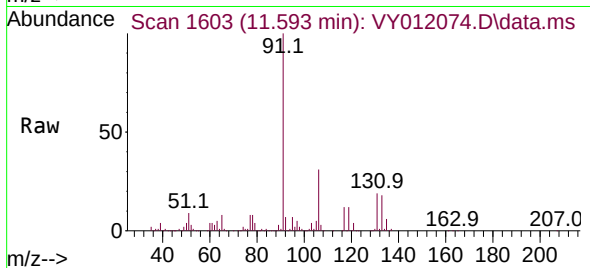
VSTDCCC050

Tgt Ion: 91 Resp: 523081

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.4



#68

m/p-Xylenes

Concen: 106.717 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012074.D

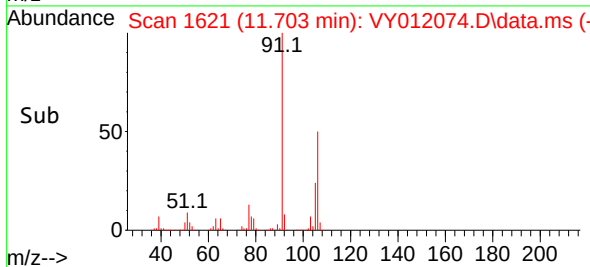
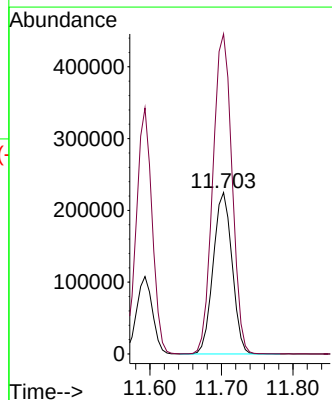
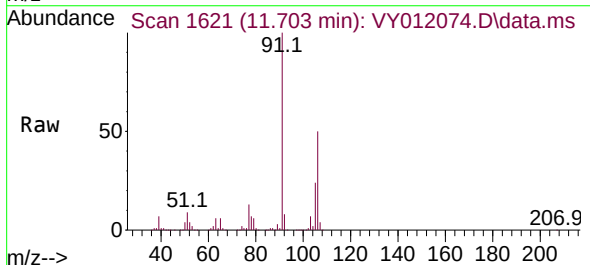
Acq: 05 Jan 2023 11:56

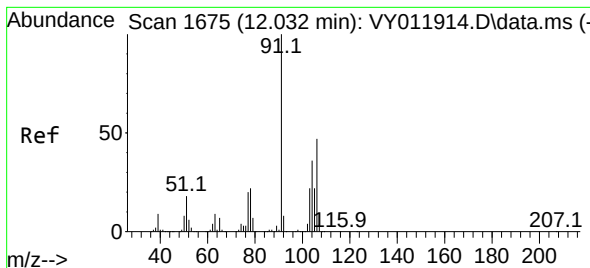
Tgt Ion:106 Resp: 411622

Ion Ratio Lower Upper

106 100

91 201.5 162.5 243.7

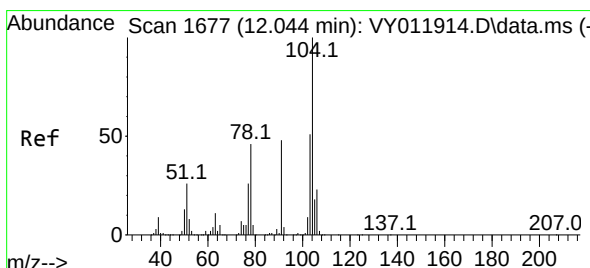
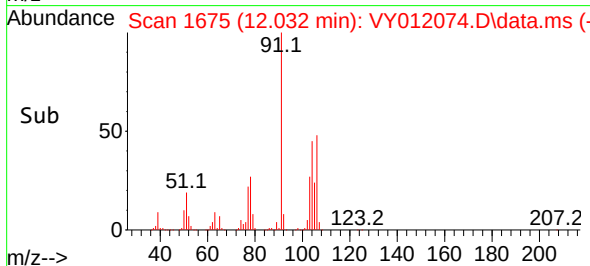
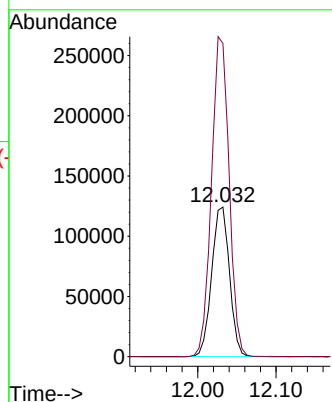
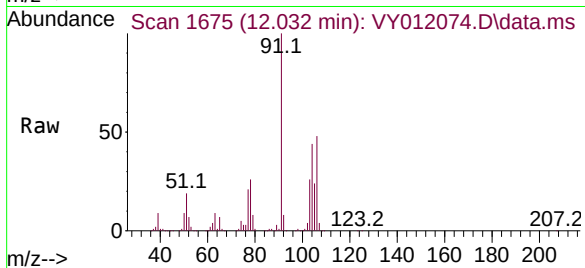




#69
o-Xylene
Concen: 54.679 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

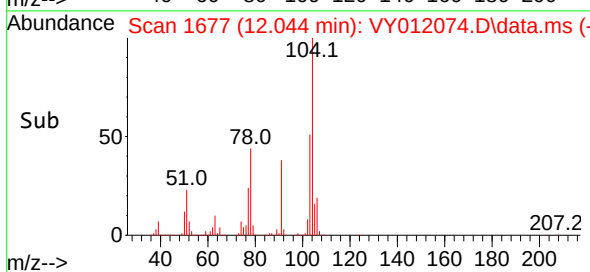
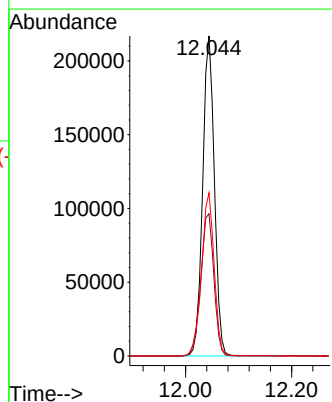
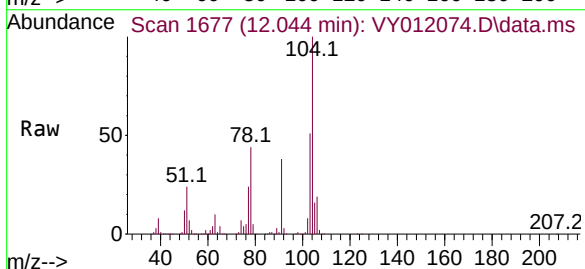
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

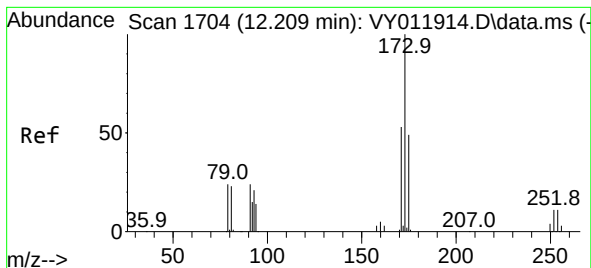
Tgt Ion:106 Resp: 196236
Ion Ratio Lower Upper
106 100
91 212.2 107.5 322.4



#70
Styrene
Concen: 55.293 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion:104 Resp: 333189
Ion Ratio Lower Upper
104 100
78 49.9 39.4 59.0
103 54.5 43.0 64.4





#71

Bromoform

Concen: 56.938 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

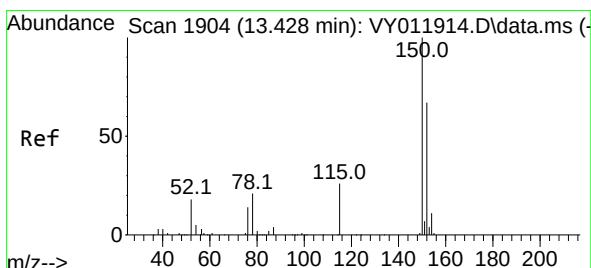
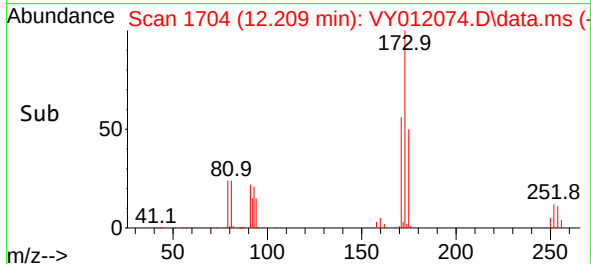
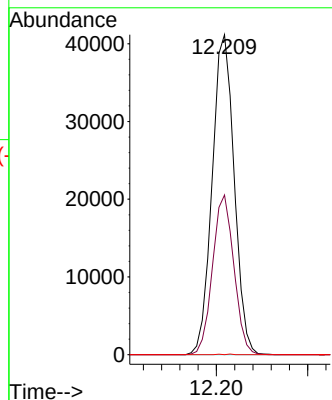
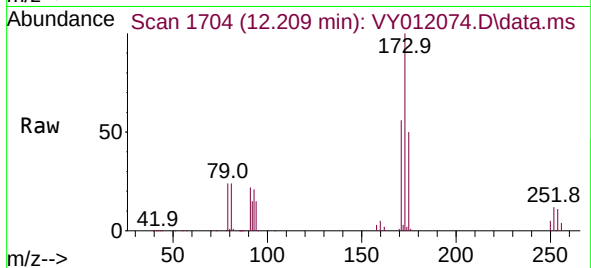
Tgt Ion:173 Resp: 68874

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.5

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

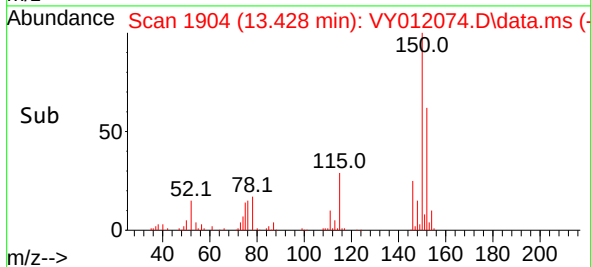
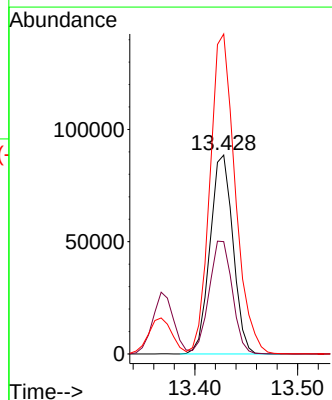
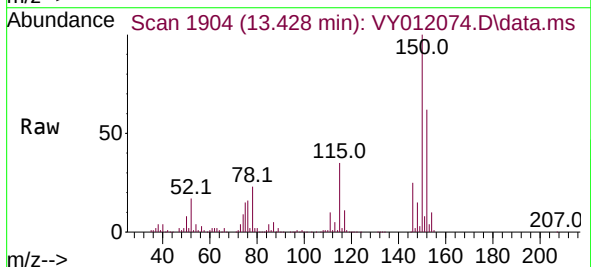
Tgt Ion:152 Resp: 137112

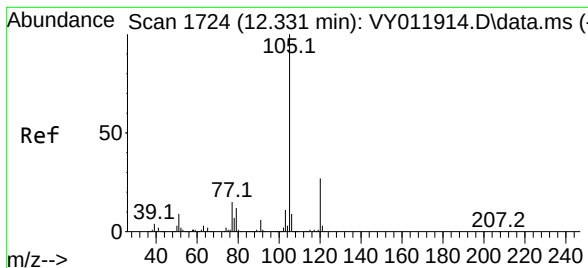
Ion Ratio Lower Upper

152 100

115 57.0 29.1 87.3

150 177.1 0.0 342.6





#73

Isopropylbenzene

Concen: 52.962 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

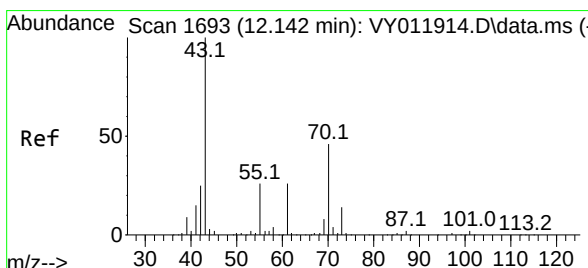
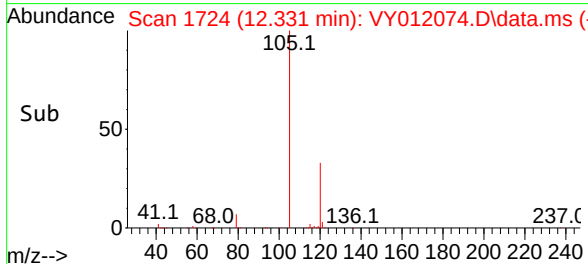
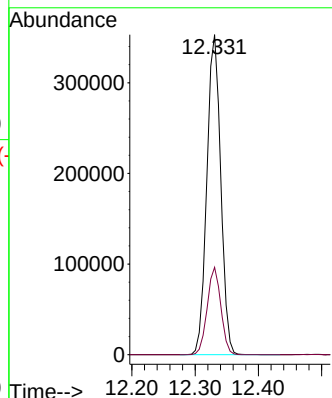
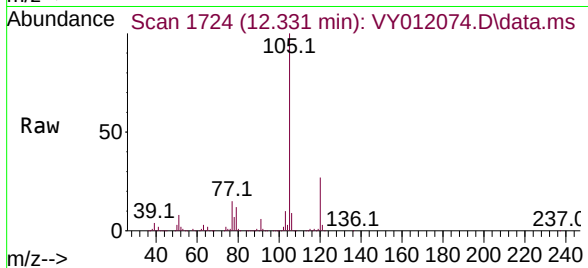
VSTDCCC050

Tgt Ion:105 Resp: 538861

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 50.822 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Tgt Ion: 43 Resp: 106010

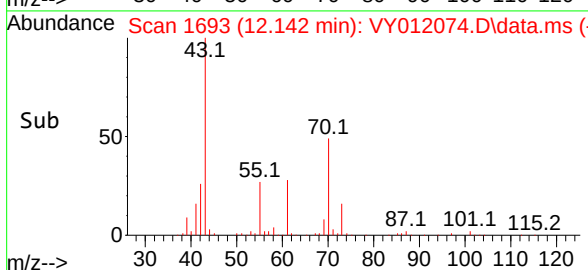
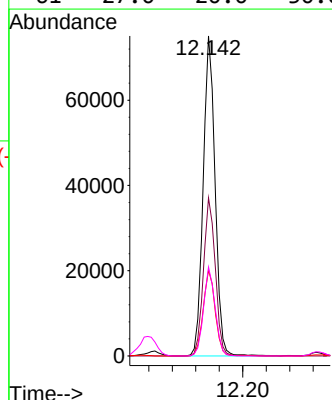
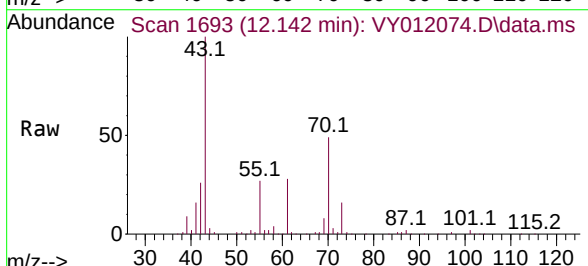
Ion Ratio Lower Upper

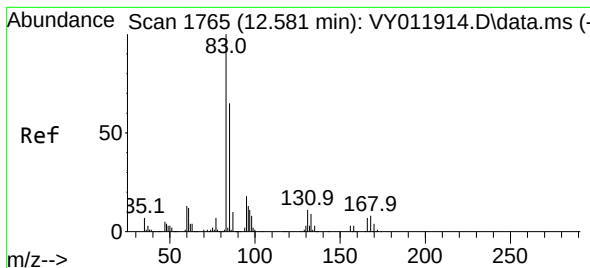
43 100

70 49.2 35.8 53.8

55 26.9 21.0 31.4

61 27.0 20.0 30.0

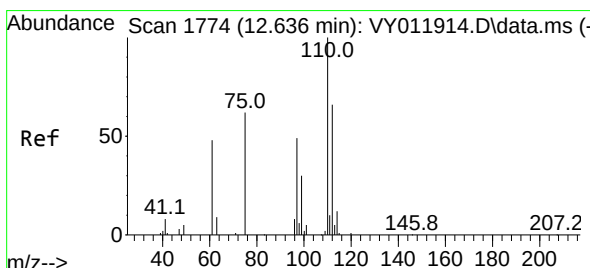
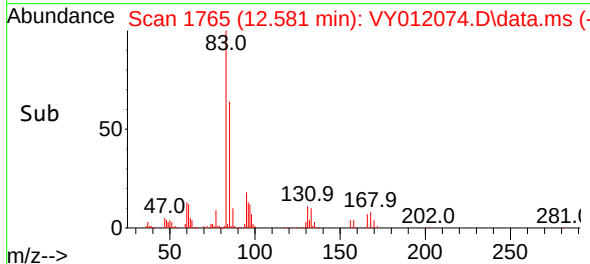
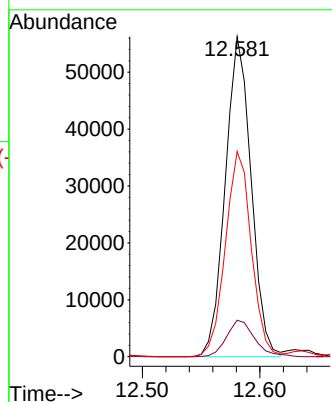
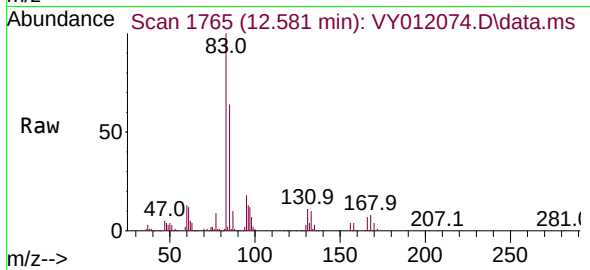




#75
1,1,2,2-Tetrachloroethane
Concen: 50.627 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

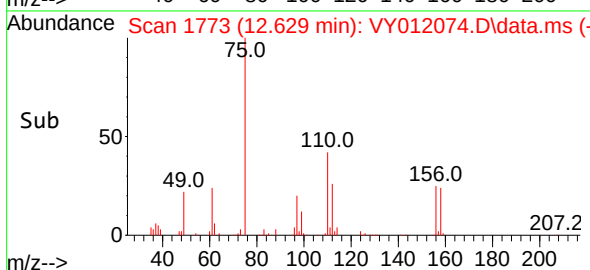
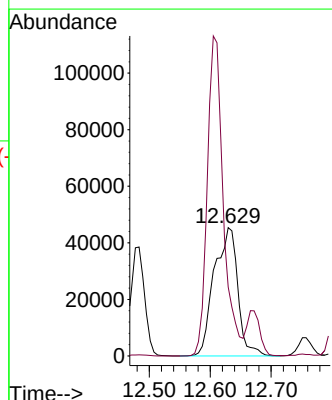
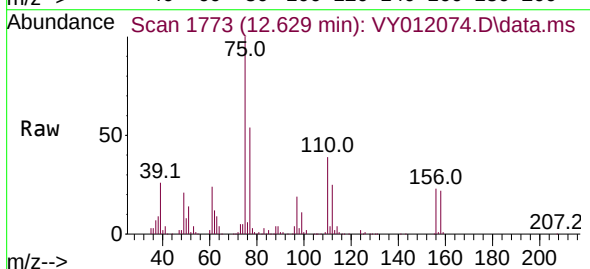
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

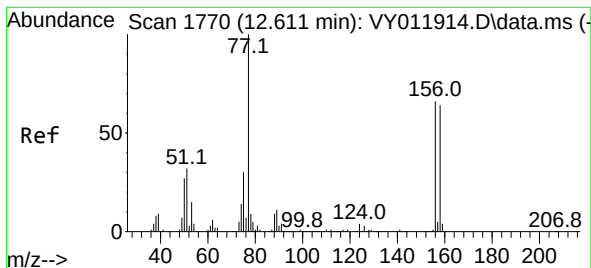
Tgt Ion: 83 Resp: 85933
Ion Ratio Lower Upper
83 100
131 12.4 5.6 16.8
85 64.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 71.759 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 75 Resp: 122431
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.960 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

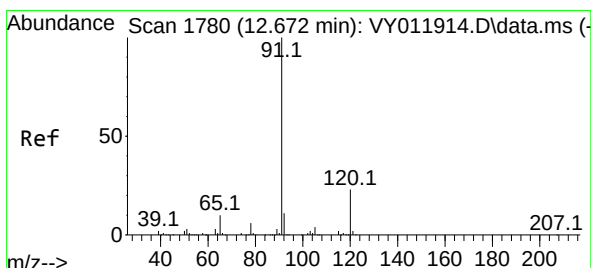
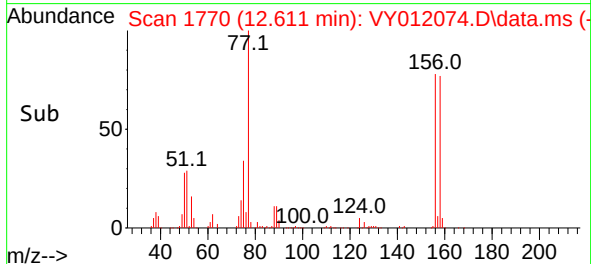
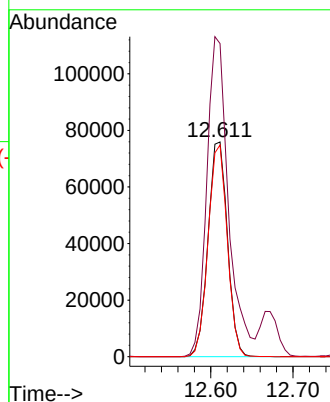
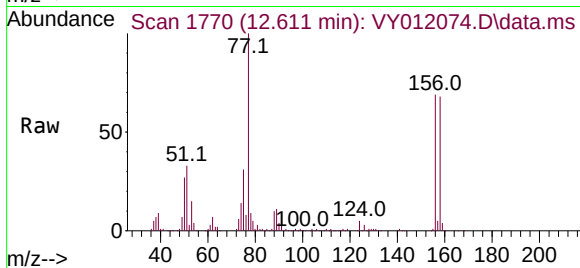
Tgt Ion:156 Resp: 124662

Ion Ratio Lower Upper

156 100

77 166.6 90.0 270.0

158 97.2 48.4 145.2



#78

n-propylbenzene

Concen: 51.442 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012074.D

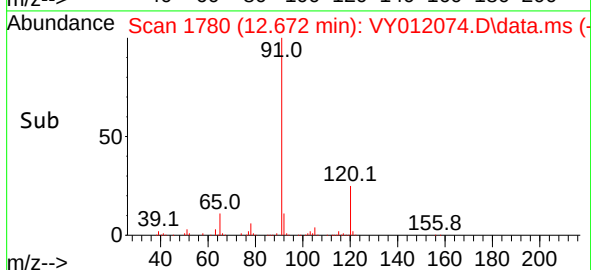
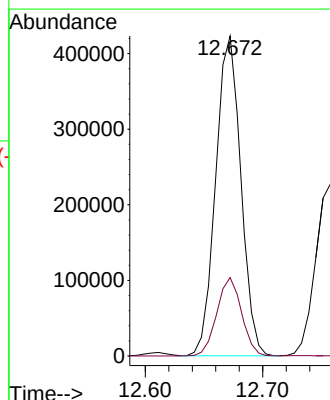
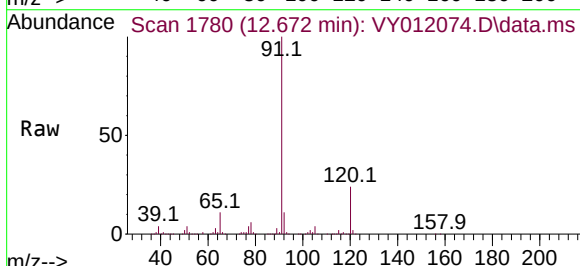
Acq: 05 Jan 2023 11:56

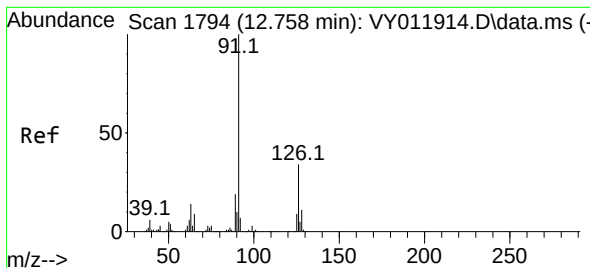
Tgt Ion: 91 Resp: 629139

Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.4

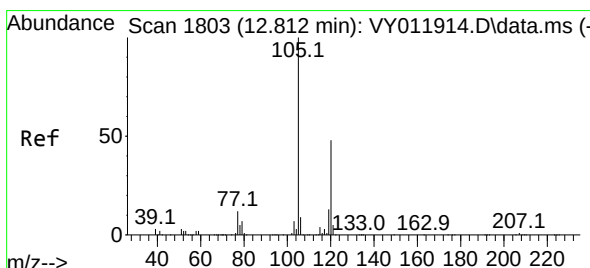
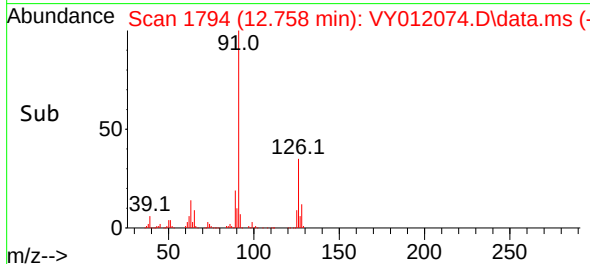
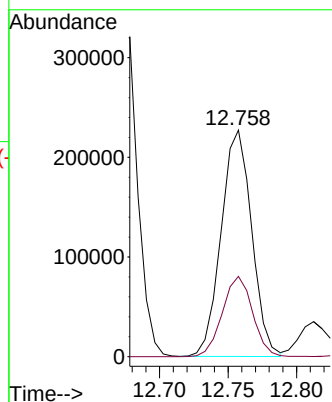
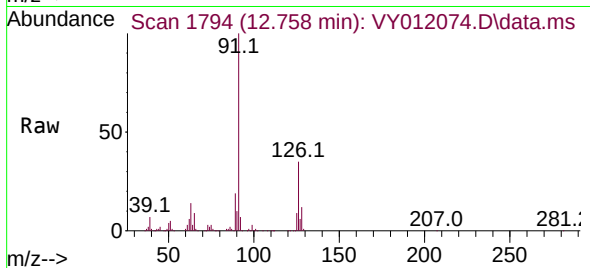




#79
2-Chlorotoluene
Concen: 51.261 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

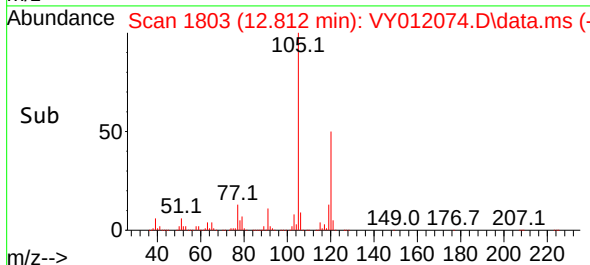
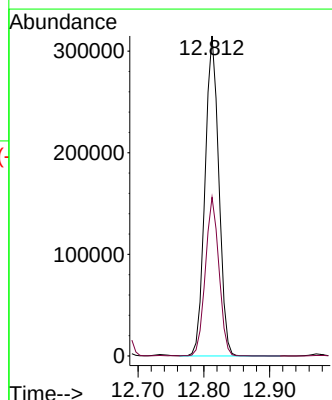
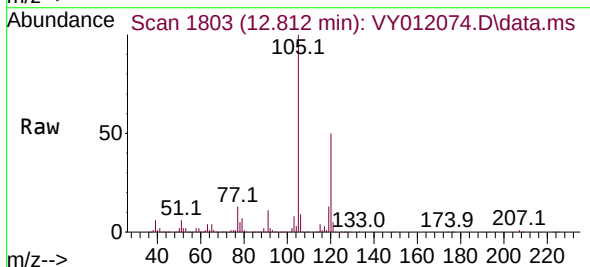
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

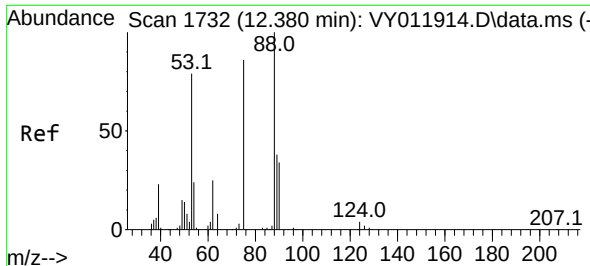
Tgt Ion: 91 Resp: 352399
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 52.739 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 105 Resp: 459417
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6

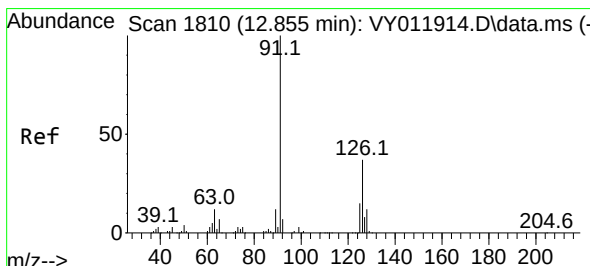
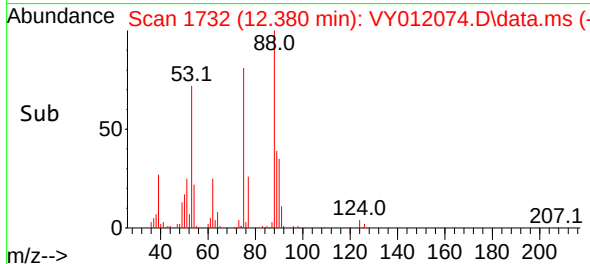
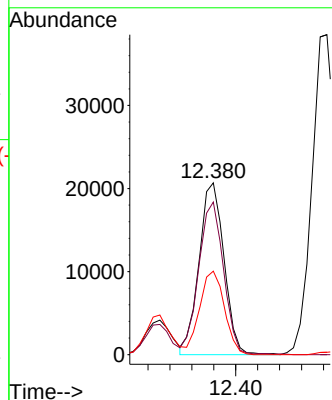
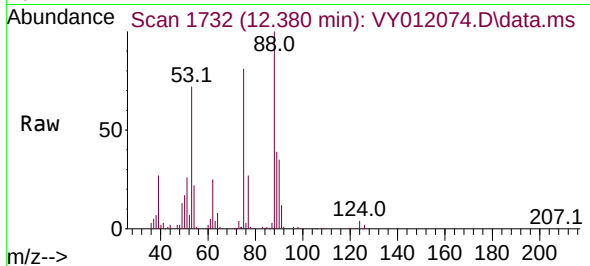




#81
trans-1,4-Dichloro-2-butene
Concen: 52.559 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

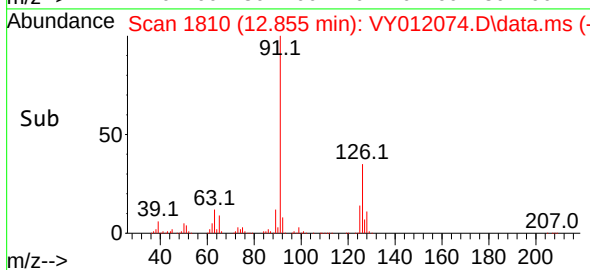
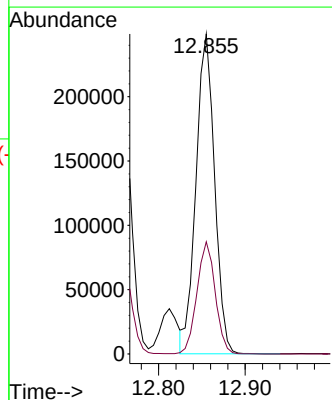
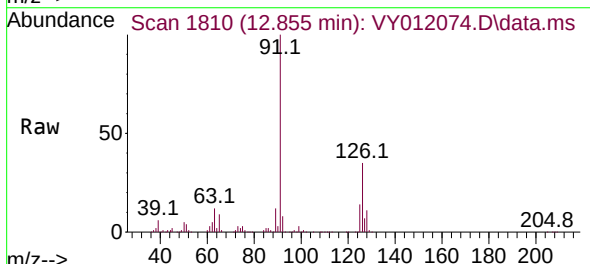
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

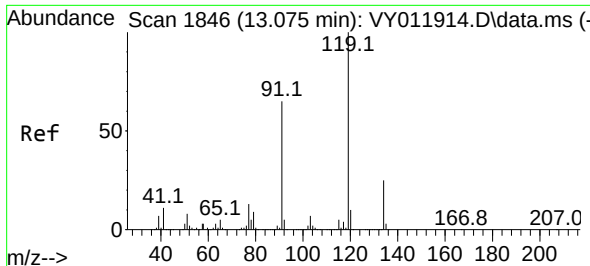
Tgt Ion: 75 Resp: 32745
Ion Ratio Lower Upper
75 100
53 88.8 72.5 108.7
89 47.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.071 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion: 91 Resp: 370378
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2

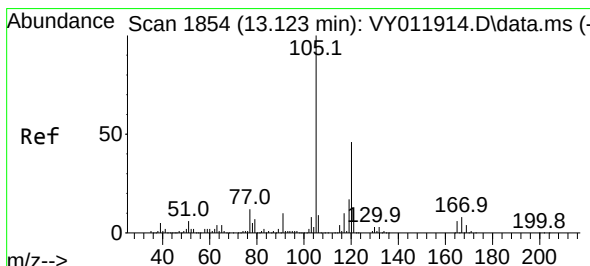
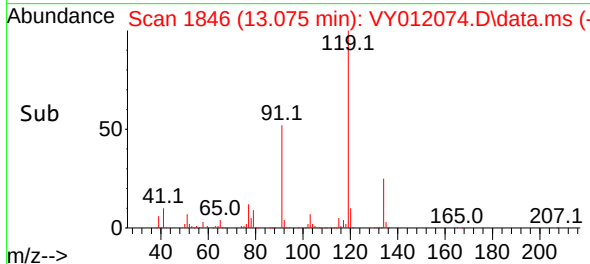
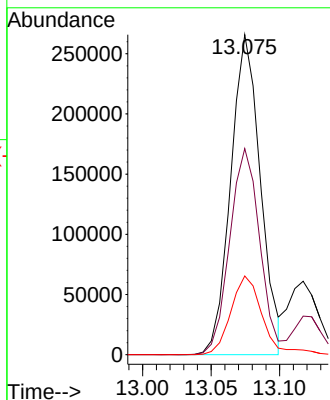
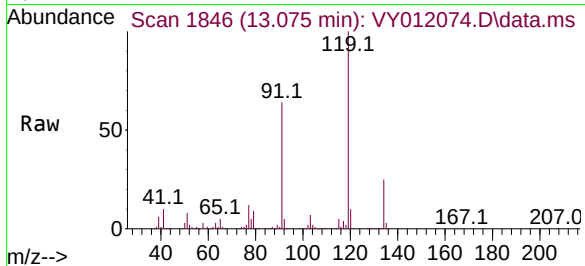




#83
tert-Butylbenzene
Concen: 54.479 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

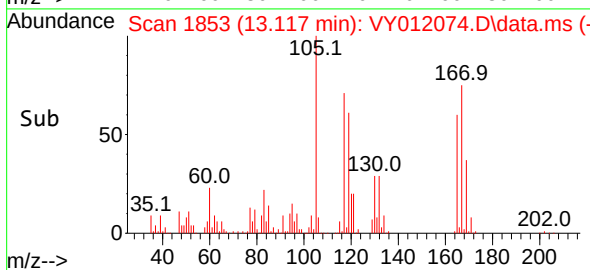
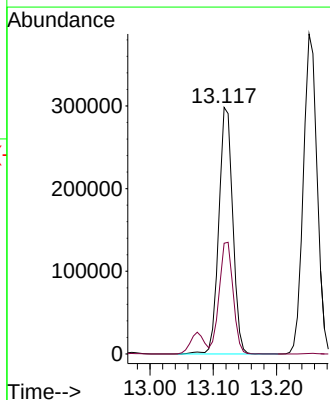
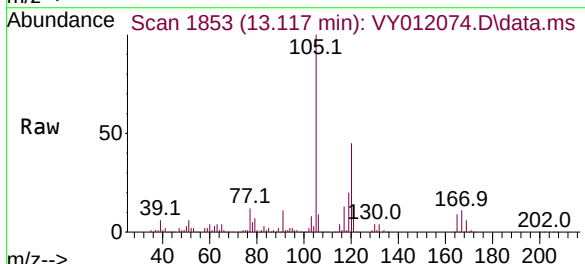
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

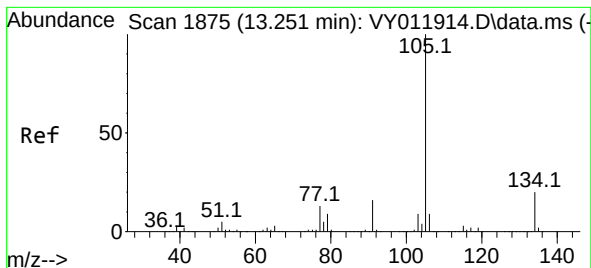
Tgt Ion:119 Resp: 402204
Ion Ratio Lower Upper
119 100
91 64.7 32.3 96.8
134 26.1 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 52.955 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY012074.D
Acq: 05 Jan 2023 11:56

Tgt Ion:105 Resp: 453820
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.7





#85

sec-Butylbenzene

Concen: 52.776 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

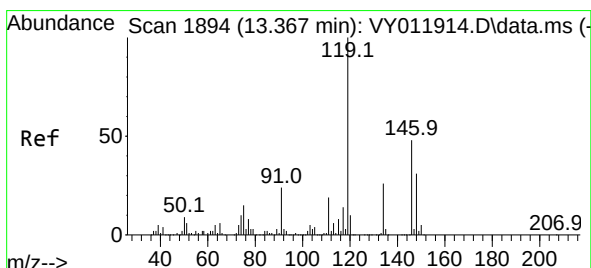
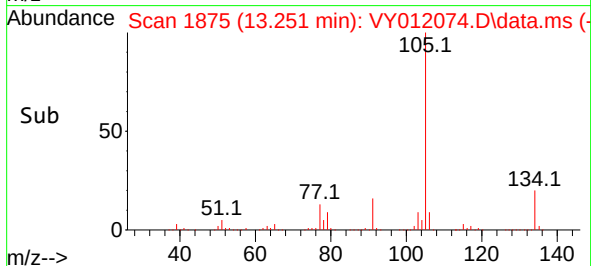
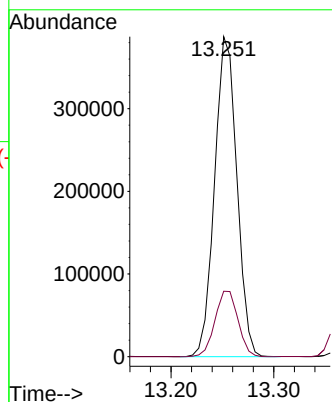
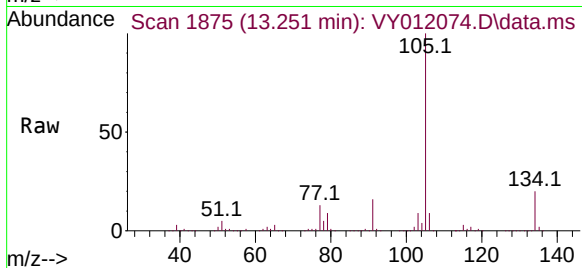
VSTDCCC050

Tgt Ion:105 Resp: 581805

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 54.169 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

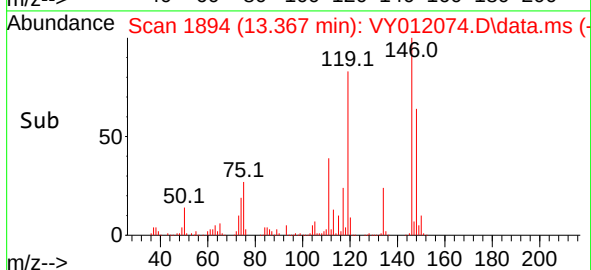
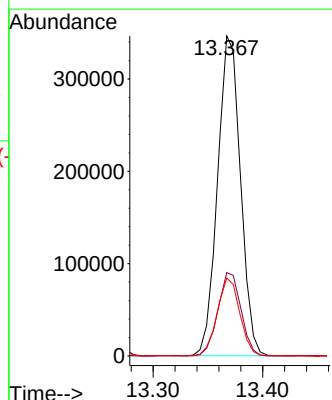
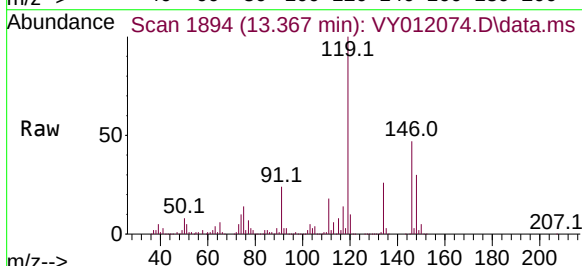
Tgt Ion:119 Resp: 503875

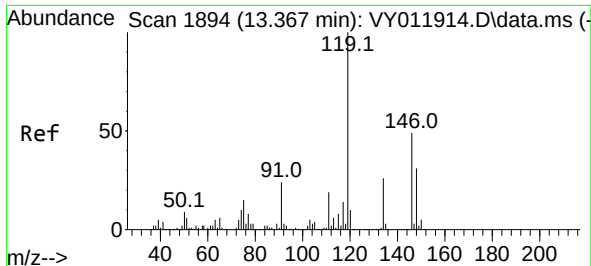
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 52.856 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

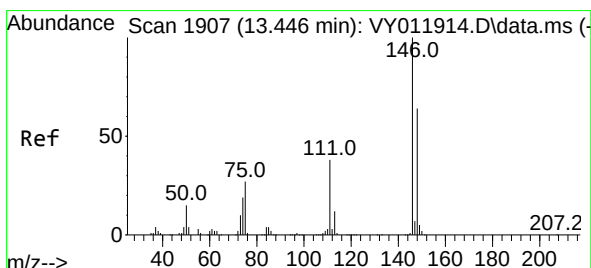
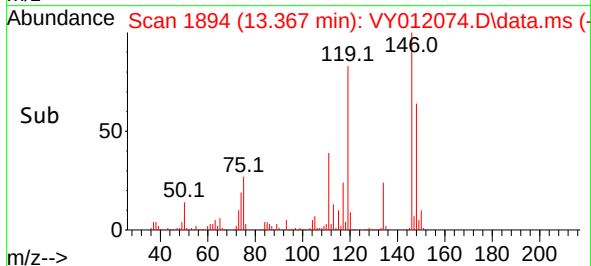
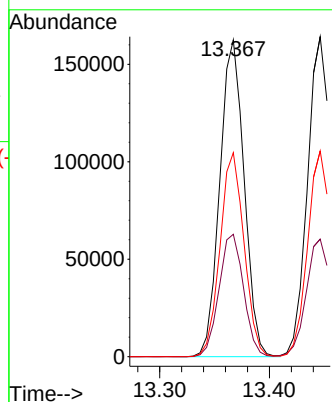
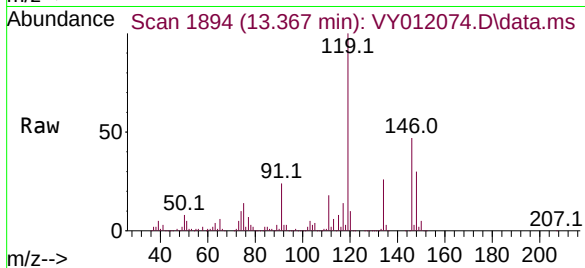
Tgt Ion:146 Resp: 250217

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 52.609 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

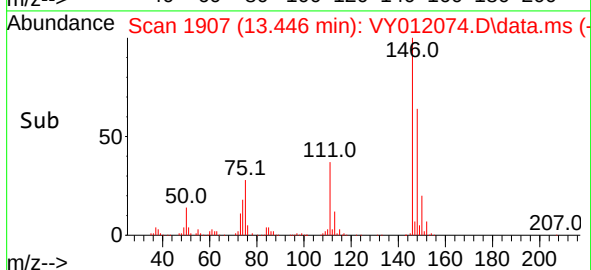
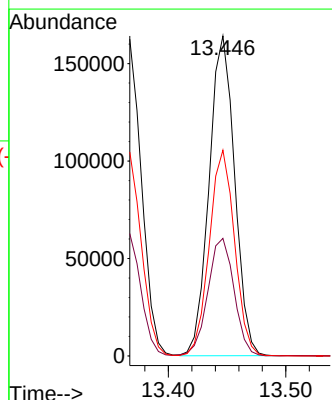
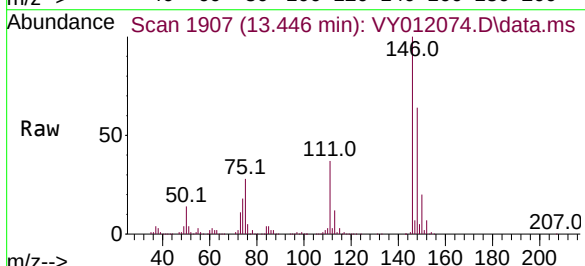
Tgt Ion:146 Resp: 247586

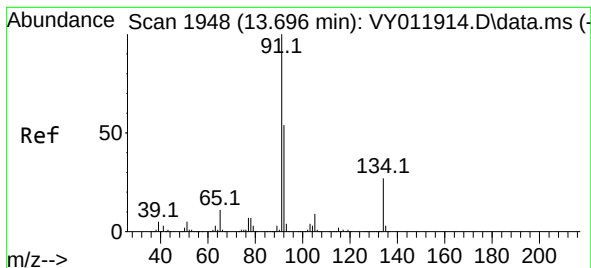
Ion Ratio Lower Upper

146 100

111 37.7 19.6 58.7

148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 52.667 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

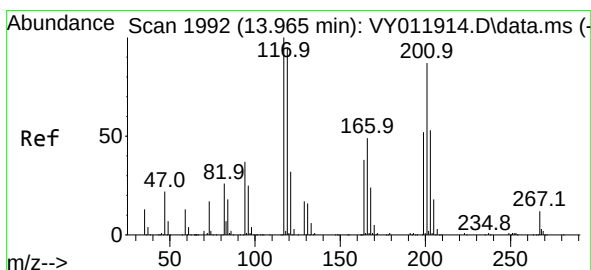
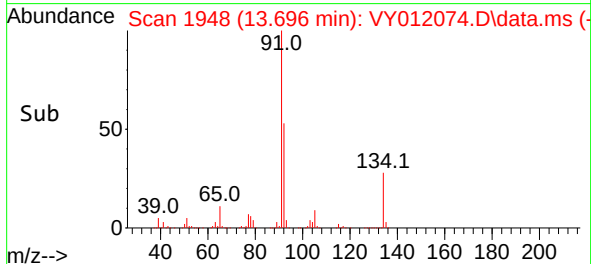
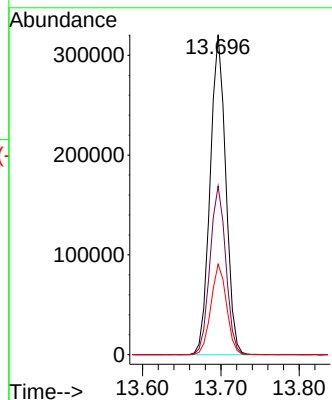
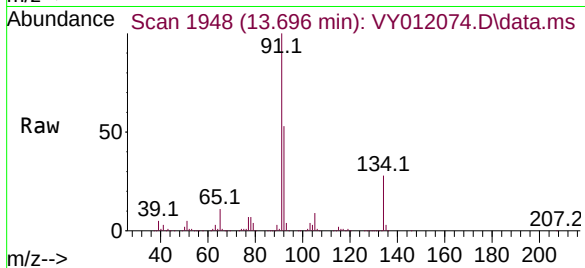
Tgt Ion: 91 Resp: 443491

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.4

134 28.2 13.3 39.8



#90

Hexachloroethane

Concen: 52.677 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012074.D

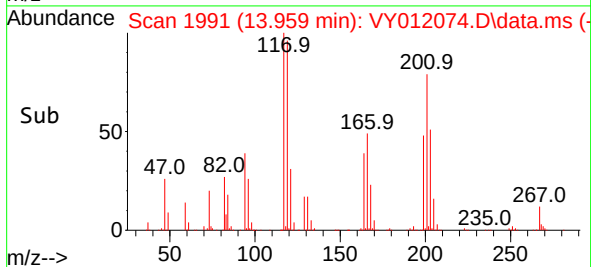
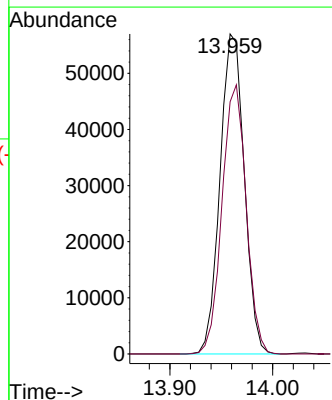
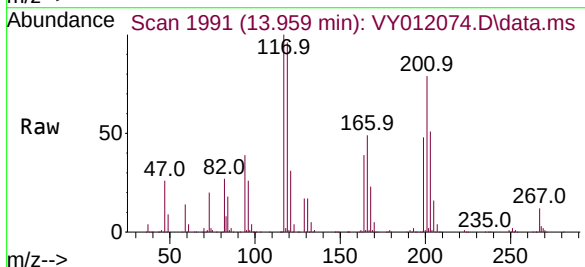
Acq: 05 Jan 2023 11:56

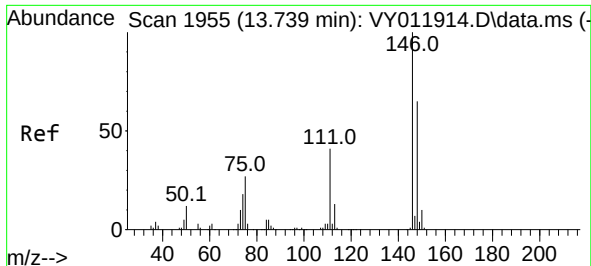
Tgt Ion: 117 Resp: 93494

Ion Ratio Lower Upper

117 100

201 83.6 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 53.673 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

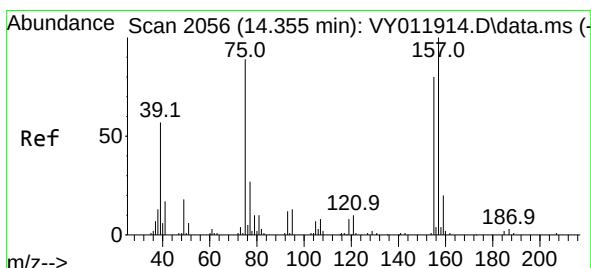
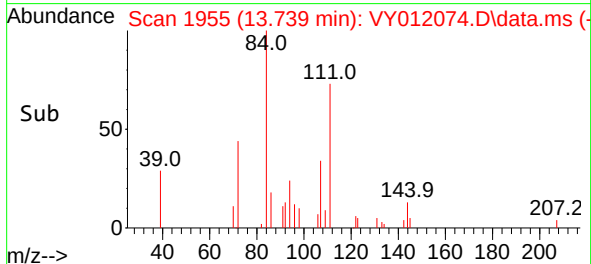
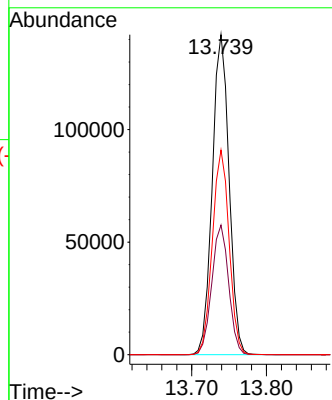
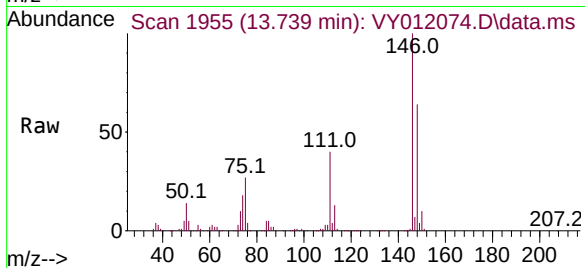
Tgt Ion:146 Resp: 221509

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.238 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

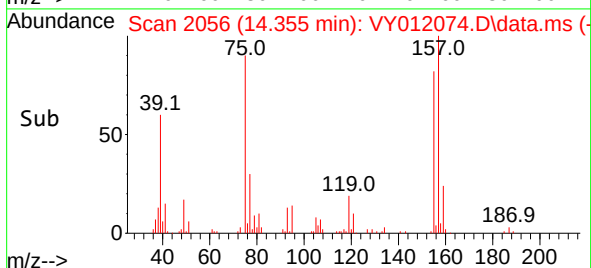
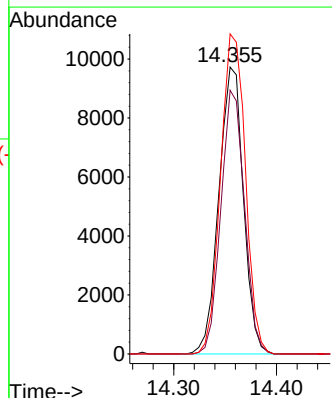
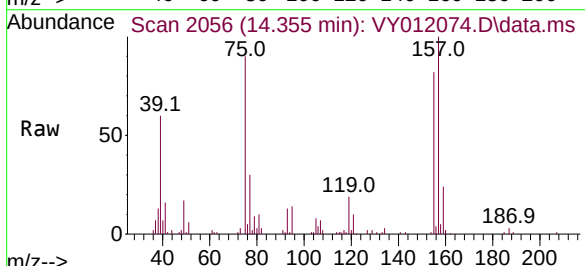
Tgt Ion: 75 Resp: 16113

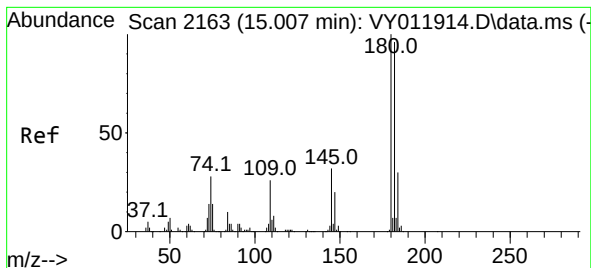
Ion Ratio Lower Upper

75 100

155 88.2 42.3 126.8

157 112.7 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 58.606 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

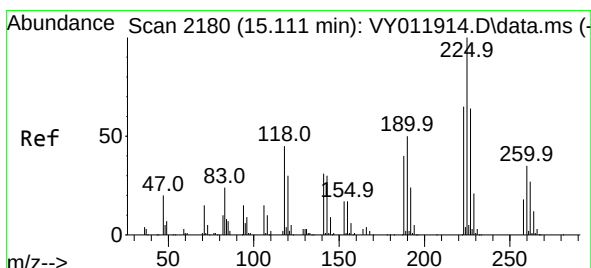
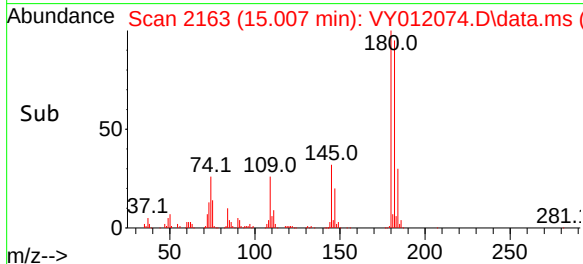
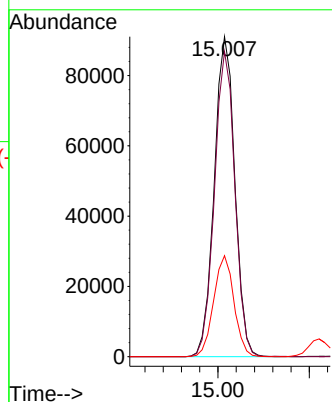
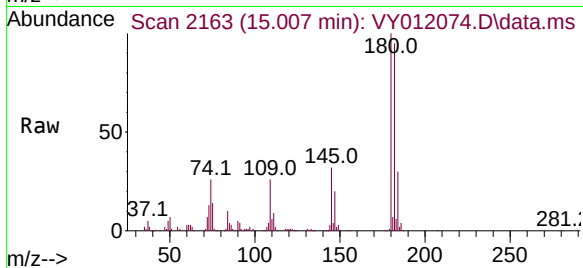
Tgt Ion:180 Resp: 142281

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.3

145 31.2 15.4 46.4



#94

Hexachlorobutadiene

Concen: 55.534 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

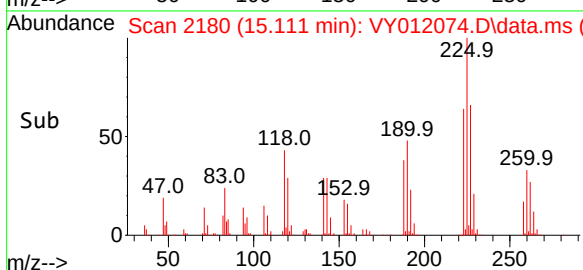
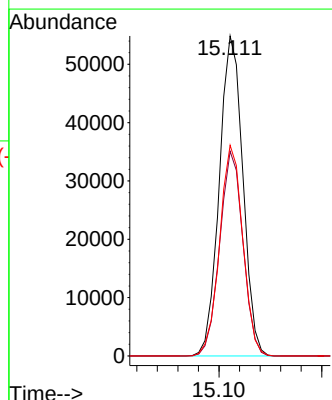
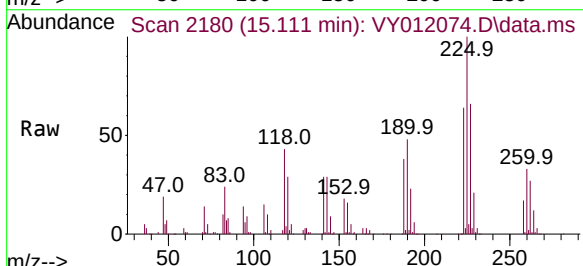
Tgt Ion:225 Resp: 87117

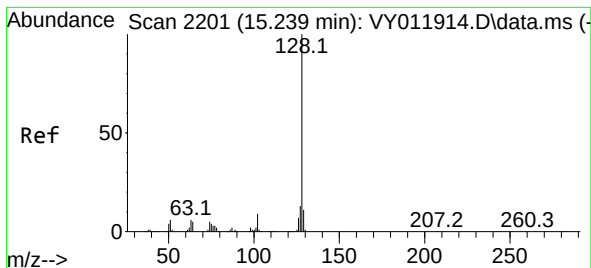
Ion Ratio Lower Upper

225 100

223 63.0 31.4 94.2

227 64.7 32.6 97.8





#95

Naphthalene

Concen: 53.614 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

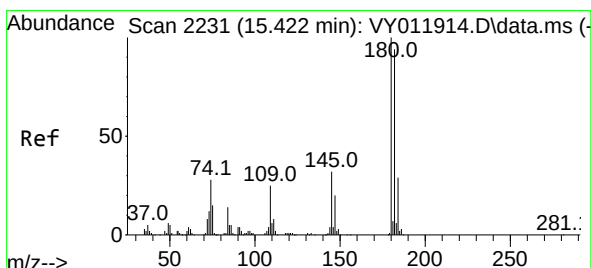
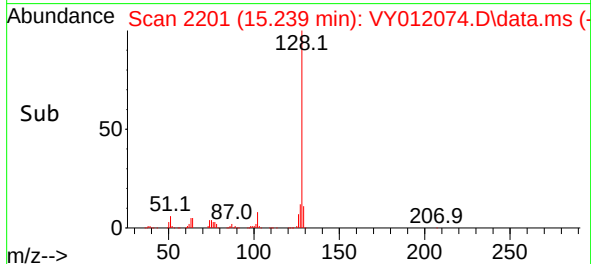
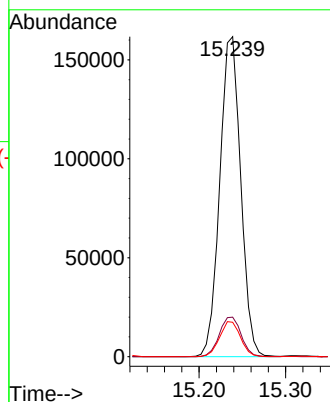
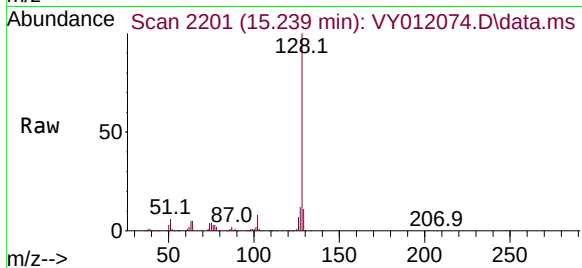
Tgt Ion:128 Resp: 271804

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 59.411 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012074.D

Acq: 05 Jan 2023 11:56

Tgt Ion:180 Resp: 121945

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 32.4 16.1 48.2

