

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017511.D
 Acq On : 28 Feb 2024 10:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 23:09:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	171231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	257008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	226150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64520	39.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.520%
35) Dibromofluoromethane	7.716	113	78013	43.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.120%
50) Toluene-d8	10.179	98	294662	47.058	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.483	95	92003	46.752	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57361	45.413	ug/l	98
3) Chloromethane	2.113	50	106702	46.234	ug/l	96
4) Vinyl Chloride	2.247	62	136105	45.970	ug/l	99
5) Bromomethane	2.650	94	111415	46.177	ug/l	94
6) Chloroethane	2.790	64	88720	47.501	ug/l	100
7) Trichlorofluoromethane	3.119	101	144294	47.818	ug/l	96
8) Diethyl Ether	3.528	74	41863	47.301	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	84399	48.626	ug/l	99
10) Methyl Iodide	4.088	142	96923	49.758	ug/l	99
11) Tert butyl alcohol	4.954	59	24653	178.843	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	78993	48.835	ug/l	96
13) Acrolein	3.729	56	45845	252.055	ug/l	98
14) Allyl chloride	4.479	41	94245	48.220	ug/l	97
15) Acrylonitrile	5.161	53	83166	228.589	ug/l	99
16) Acetone	3.942	43	78269	248.663	ug/l	95
17) Carbon Disulfide	4.192	76	228077	46.976	ug/l	97
18) Methyl Acetate	4.479	43	35833	46.925	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	180226	47.803	ug/l	99
20) Methylene Chloride	4.716	84	88358	47.506	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	92669	48.930	ug/l	96
22) Diisopropyl ether	6.119	45	219056	48.570	ug/l	97
23) Vinyl Acetate	6.058	43	641482	238.686	ug/l	99
24) 1,1-Dichloroethane	6.015	63	148748	48.275	ug/l	99
25) 2-Butanone	6.984	43	106308	236.992	ug/l	99
26) 2,2-Dichloropropane	6.978	77	130081	50.212	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	104481	49.134	ug/l	98
28) Bromochloromethane	7.332	49	67545	55.661	ug/l	95
29) Tetrahydrofuran	7.350	42	62793	232.220	ug/l	99
30) Chloroform	7.509	83	161494	49.228	ug/l	100
31) Cyclohexane	7.783	56	125292	47.442	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	141017	49.513	ug/l	98
36) 1,1-Dichloropropene	7.917	75	123996	51.316	ug/l	100
37) Ethyl Acetate	7.076	43	44239	46.355	ug/l #	97
38) Carbon Tetrachloride	7.905	117	128620	53.111	ug/l	97
39) Methylcyclohexane	9.185	83	151691	52.237	ug/l	98
40) Benzene	8.161	78	364080	50.737	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21878	45.683	ug/l	96
42) 1,2-Dichloroethane	8.234	62	84657	48.353	ug/l	98
43) Isopropyl Acetate	8.277	43	80869	48.221	ug/l	99
44) Trichloroethene	8.941	130	103861	50.216	ug/l	97
45) 1,2-Dichloropropane	9.216	63	85662	50.176	ug/l	100
46) Dibromomethane	9.307	93	48008	49.135	ug/l	95
47) Bromodichloromethane	9.496	83	121511	51.219	ug/l	99
48) Methyl methacrylate	9.295	41	37919	48.847	ug/l	97
49) 1,4-Dioxane	9.301	88	11370	1028.257	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	225773	241.552	ug/l	98
52) Toluene	10.246	92	235144	51.980	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	111353	50.569	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	136826	51.138	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	68815	49.605	ug/l	97
56) Ethyl methacrylate	10.508	69	79889	46.973	ug/l	97
57) 1,3-Dichloropropane	10.788	76	111274	49.335	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	223848	279.632	ug/l	98
59) 2-Hexanone	10.831	43	166459	259.278	ug/l	97
60) Dibromochloromethane	10.984	129	83099	50.636	ug/l	100
61) 1,2-Dibromoethane	11.087	107	63963	50.034	ug/l	100
64) Tetrachloroethene	10.721	164	100767	46.423	ug/l	100
65) Chlorobenzene	11.514	112	249307	51.937	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	93649	52.076	ug/l	99
67) Ethyl Benzene	11.593	91	448833	53.316	ug/l	98
68) m/p-Xylenes	11.703	106	355837	107.572	ug/l	99
69) o-Xylene	12.026	106	166162	54.144	ug/l	97
70) Styrene	12.044	104	275117	54.008	ug/l	98
71) Bromoform	12.209	173	52214	52.396	ug/l #	97
73) Isopropylbenzene	12.331	105	436269	51.827	ug/l	99
74) N-amyl acetate	12.142	43	75017	50.528	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	75515	52.241	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	91443	84.940	ug/l #	100
77) Bromobenzene	12.611	156	102990	50.522	ug/l	94
78) n-propylbenzene	12.672	91	530372	52.510	ug/l	99
79) 2-Chlorotoluene	12.758	91	284468	50.304	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	356575	52.873	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	23185	49.485	ug/l	97
82) 4-Chlorotoluene	12.855	91	293335	50.715	ug/l	97
83) tert-Butylbenzene	13.075	119	314667	53.135	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	350796	52.688	ug/l	99
85) sec-Butylbenzene	13.251	105	480711	53.093	ug/l	99
86) p-Isopropyltoluene	13.367	119	397897	53.684	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	210018	51.327	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	203691	51.204	ug/l	98
89) n-Butylbenzene	13.696	91	363591	53.768	ug/l	99
90) Hexachloroethane	13.959	117	77018	51.832	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	177989	51.427	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9373	46.124	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	99982	54.691	ug/l	100
94) Hexachlorobutadiene	15.111	225	58943	52.222	ug/l	98
95) Naphthalene	15.239	128	167343	47.457	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	84719	54.019	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

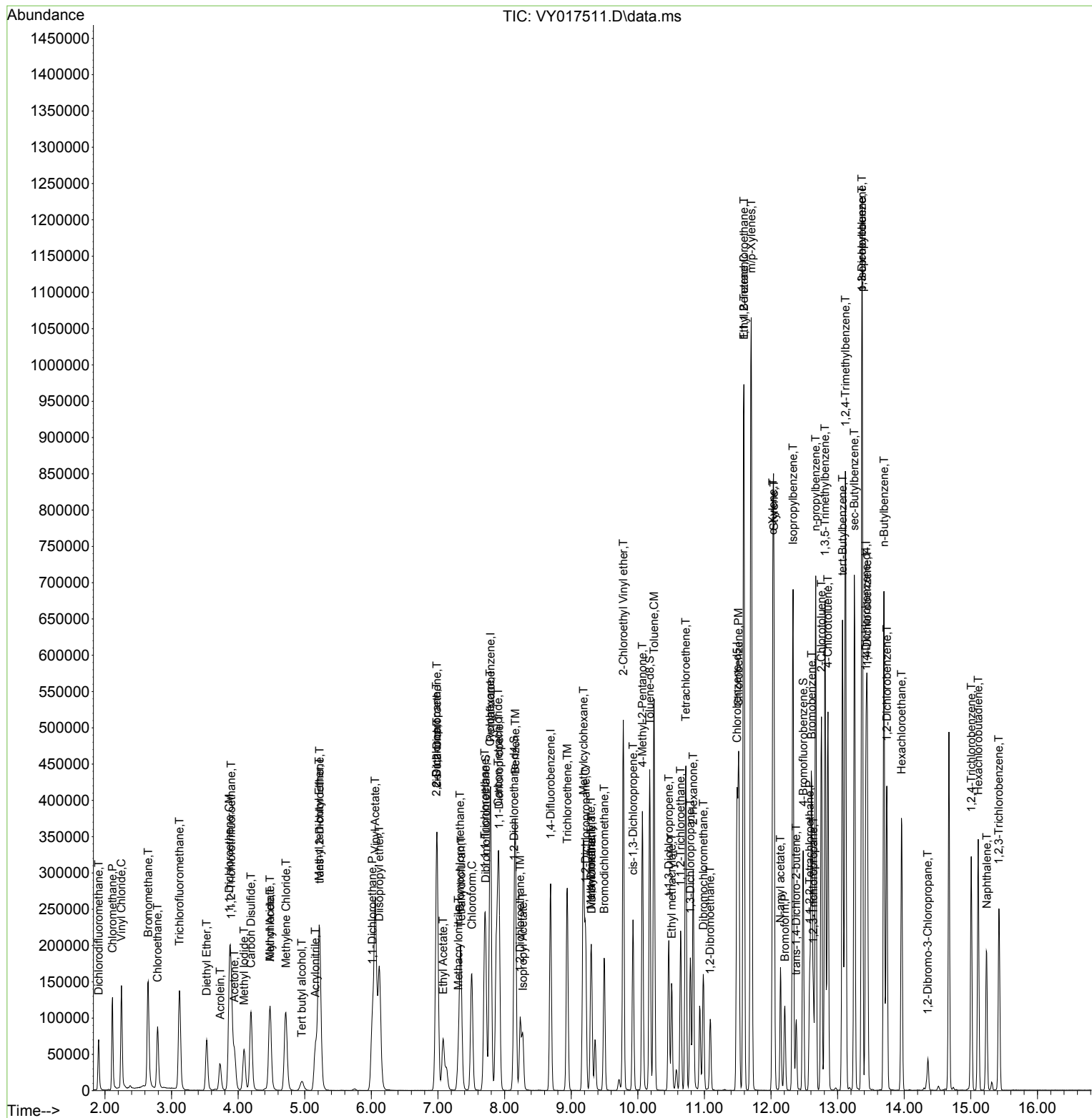
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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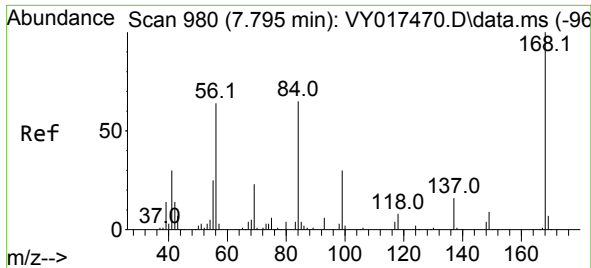
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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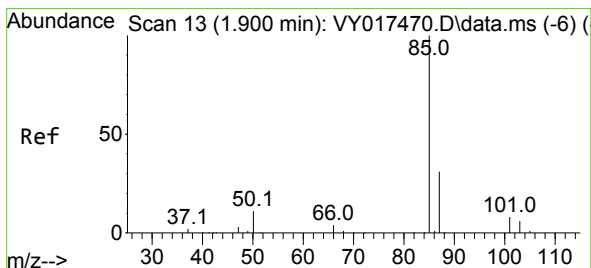
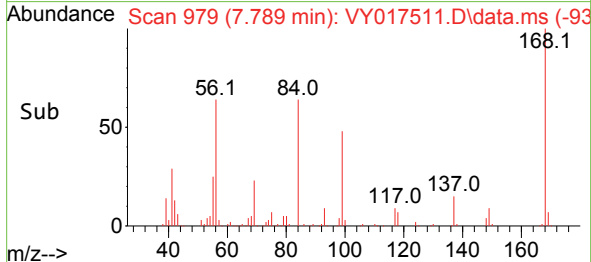
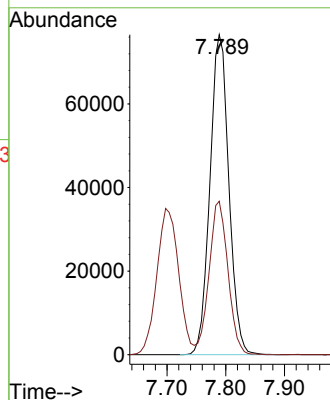
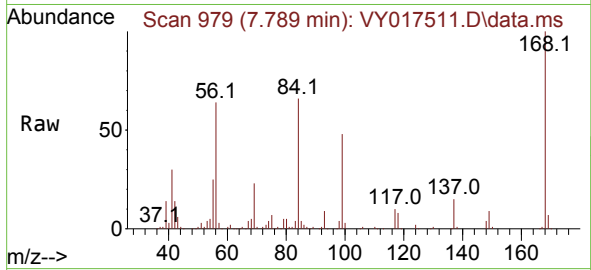




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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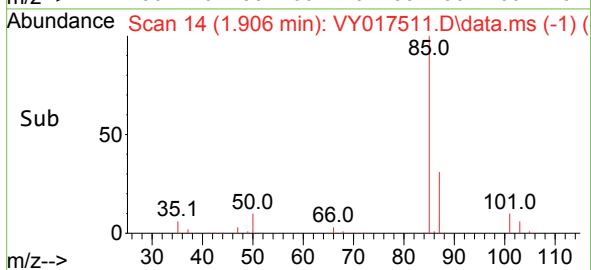
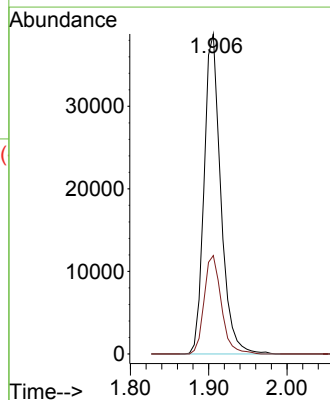
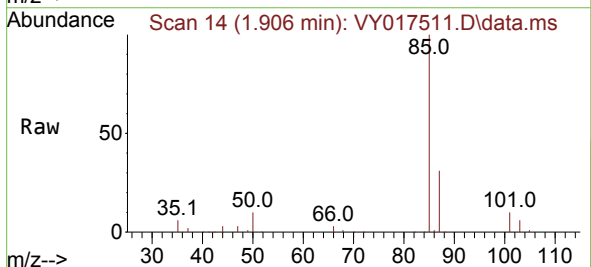
Instrument :
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ClientSampleId :
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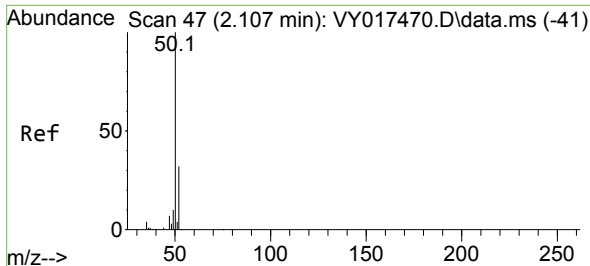
Tgt Ion:168 Resp: 171231
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 45.413 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 85 Resp: 57361
Ion Ratio Lower Upper
85 100
87 30.8 16.0 48.0

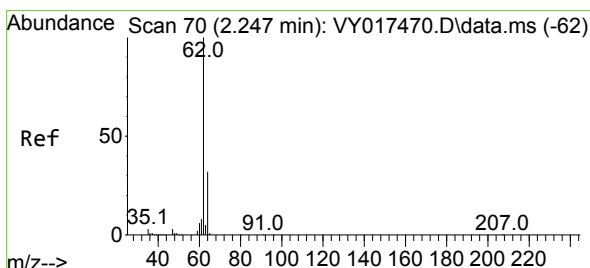
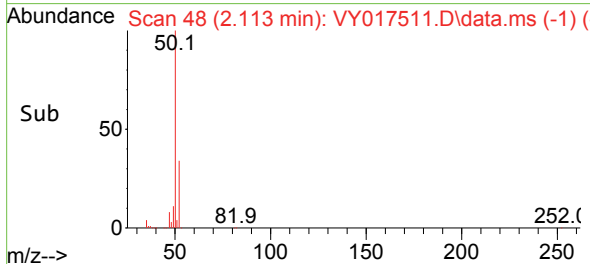
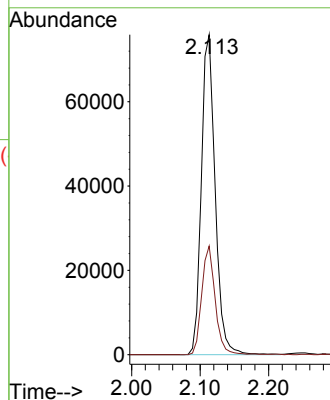
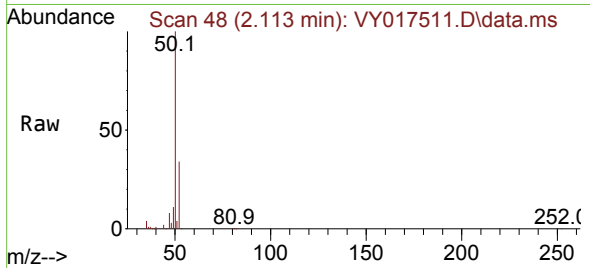




#3
Chloromethane
Concen: 46.234 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

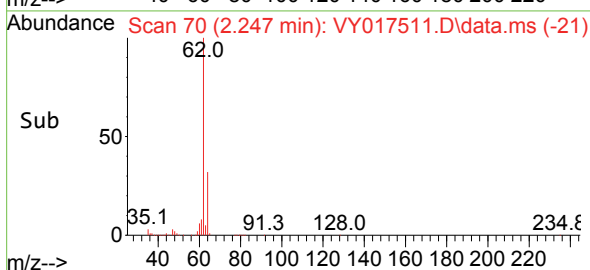
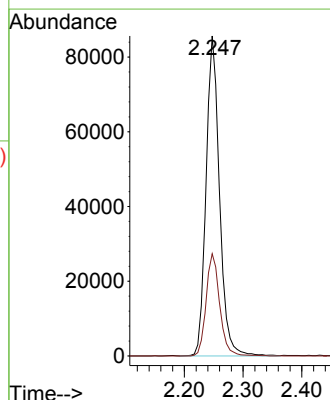
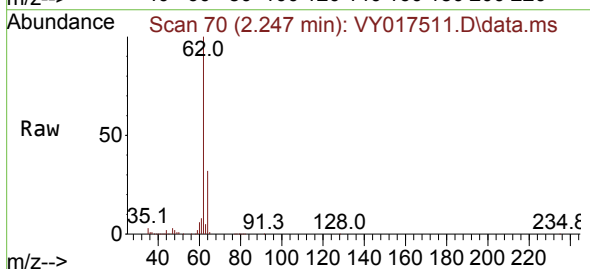
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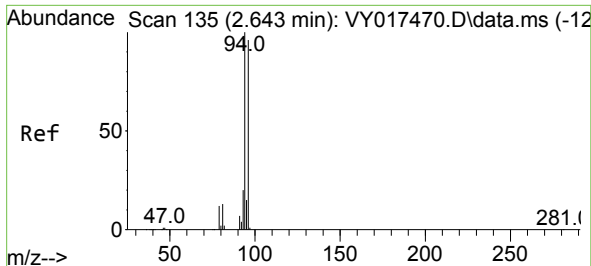
Tgt Ion: 50 Resp: 106702
Ion Ratio Lower Upper
50 100
52 34.0 25.6 38.4



#4
Vinyl Chloride
Concen: 45.970 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 62 Resp: 136105
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

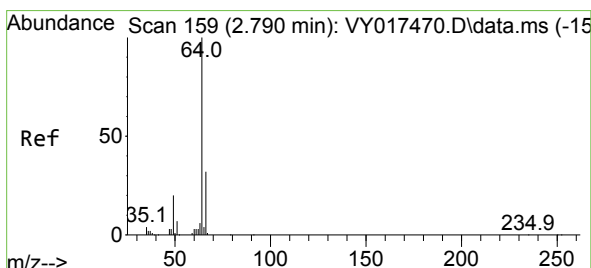
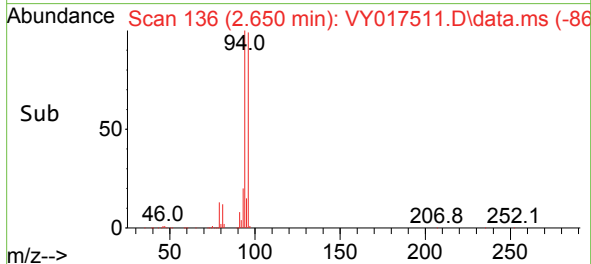
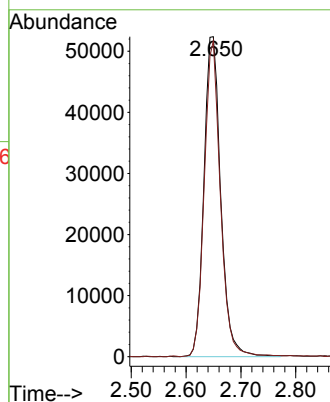
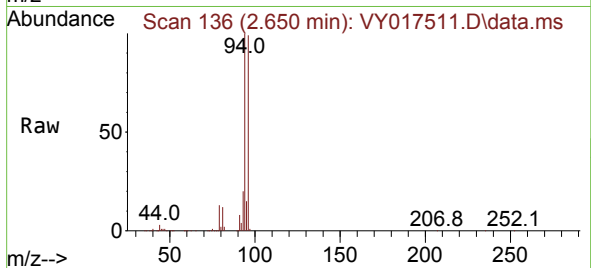




#5
Bromomethane
Concen: 46.177 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017511.D
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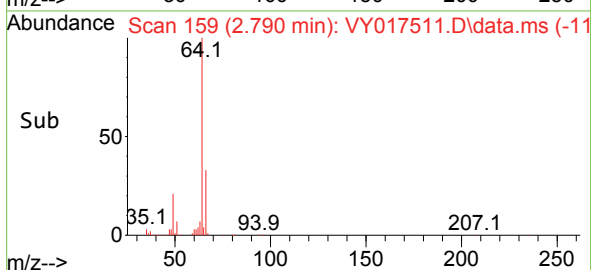
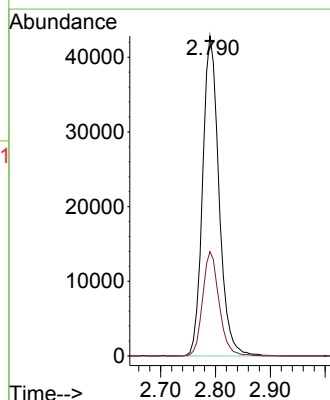
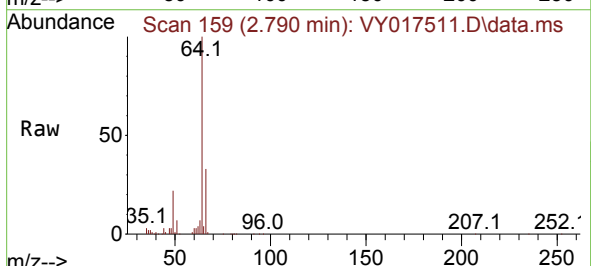
Instrument :
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Tgt Ion: 94 Resp: 111415
Ion Ratio Lower Upper
94 100
96 98.7 74.1 111.1



#6
Chloroethane
Concen: 47.501 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 64 Resp: 88720
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1

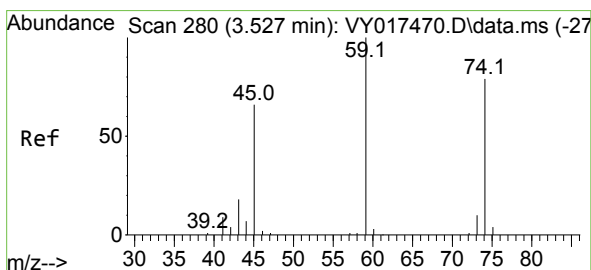
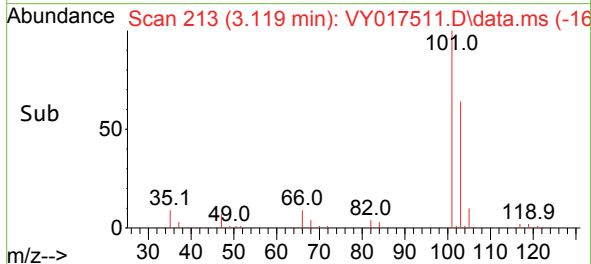
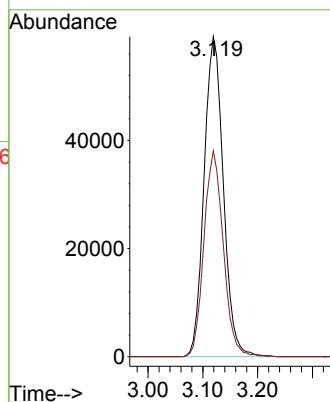
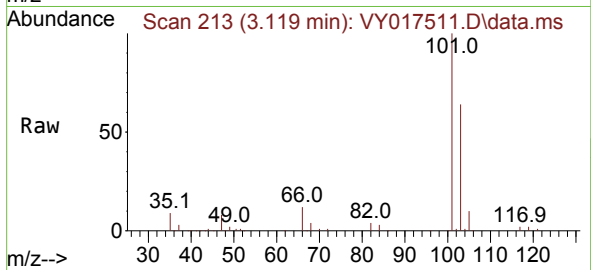




#7
 Trichlorofluoromethane
 Concen: 47.818 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017511.D
 Acq: 28 Feb 2024 10:36

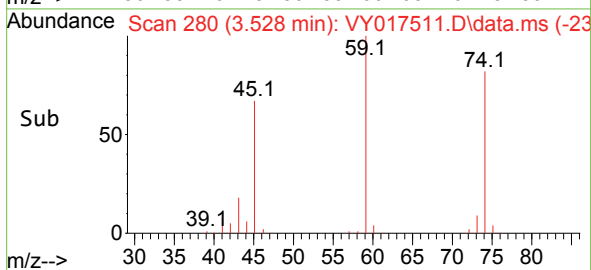
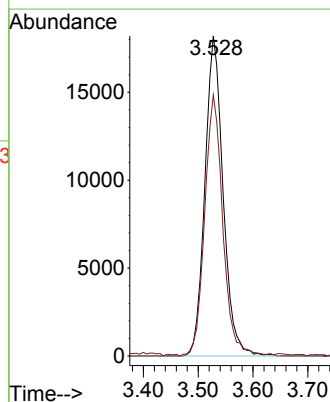
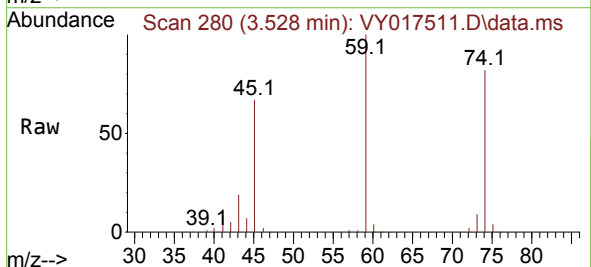
Instrument :
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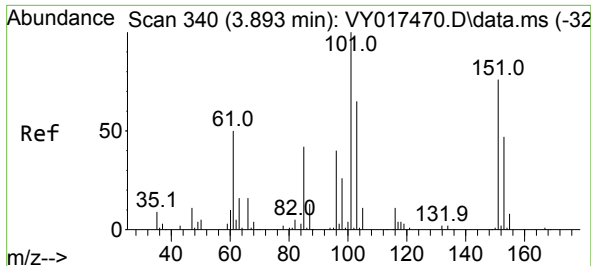
Tgt Ion:101 Resp: 144294
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.301 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 41863
 Ion Ratio Lower Upper
 74 100
 45 81.5 41.3 124.1

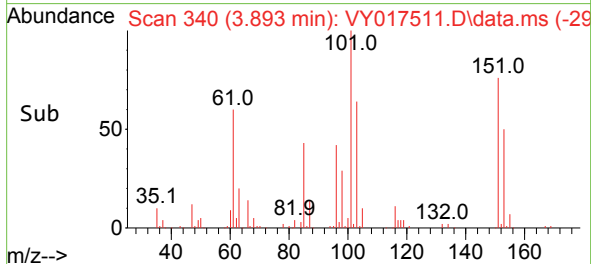
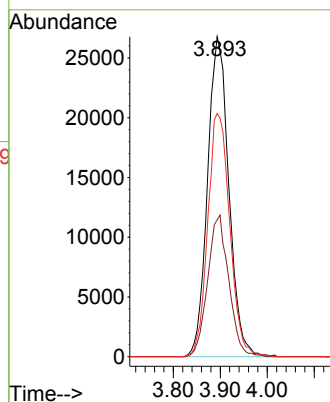
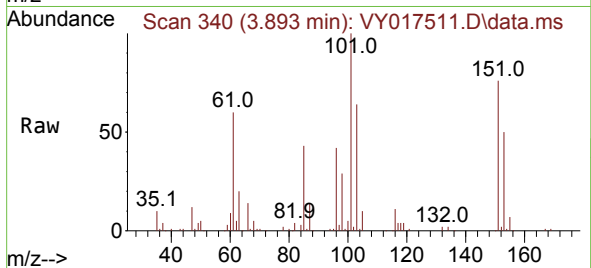




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.626 ug/l
 RT: 3.893 min Scan# 340
 Delta R.T. 0.000 min
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 Acq: 28 Feb 2024 10:36

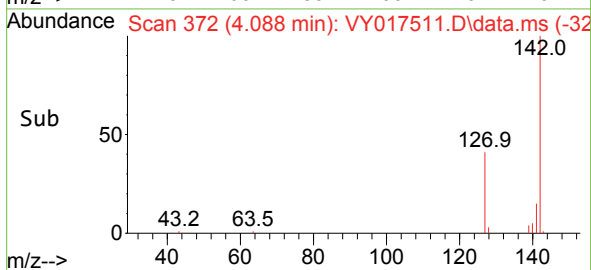
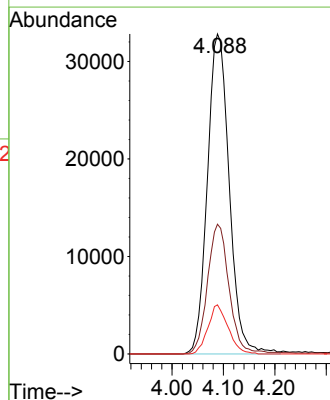
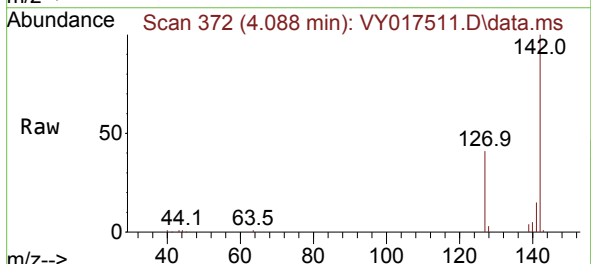
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

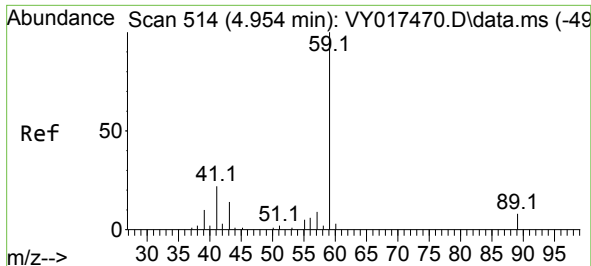
Tgt Ion:101 Resp: 84399
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.5 51.7
 151 78.3 61.7 92.5



#10
 Methyl Iodide
 Concen: 49.758 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY017511.D
 Acq: 28 Feb 2024 10:36

Tgt Ion:142 Resp: 96923
 Ion Ratio Lower Upper
 142 100
 127 40.0 32.8 49.2
 141 14.2 11.4 17.2

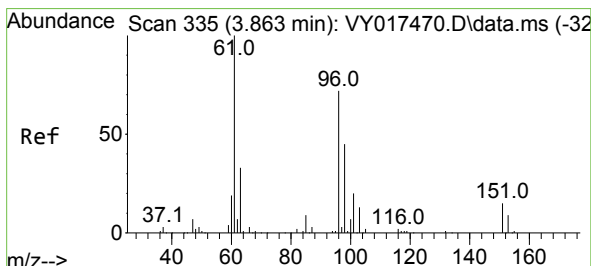
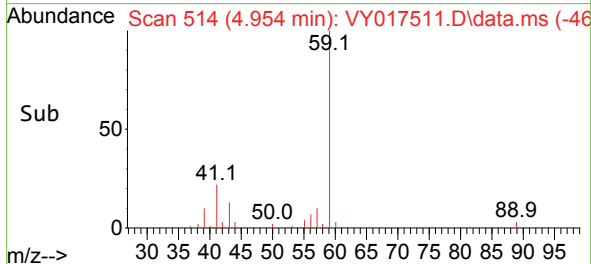
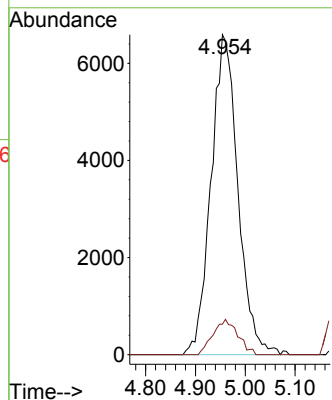
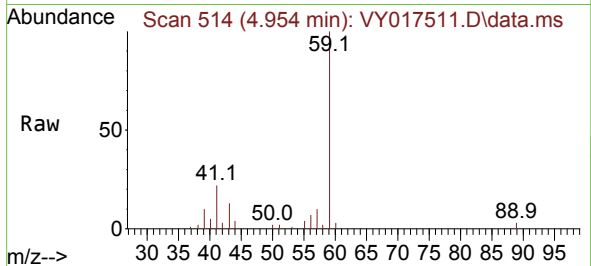




#11
Tert butyl alcohol
Concen: 178.843 ug/l
RT: 4.954 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

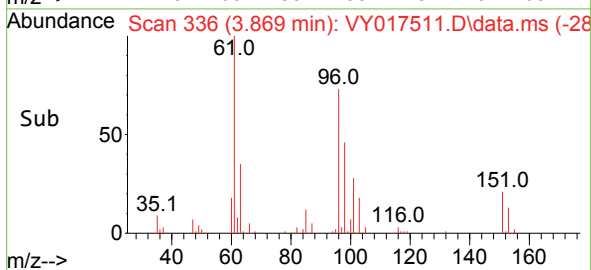
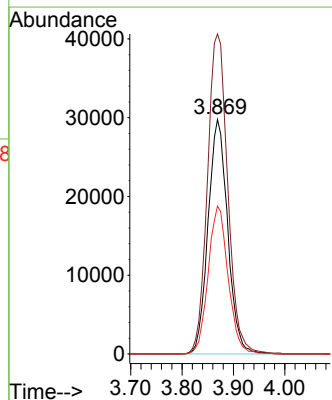
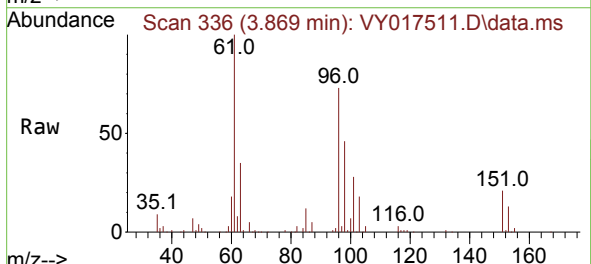
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

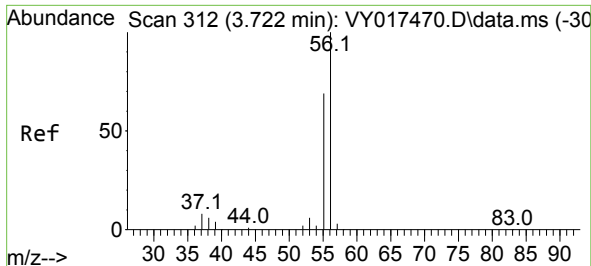
Tgt Ion: 59 Resp: 24653
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.835 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 96 Resp: 78993
Ion Ratio Lower Upper
96 100
61 136.4 114.6 171.8
98 63.0 50.8 76.2





#13

Acrolein

Concen: 252.055 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

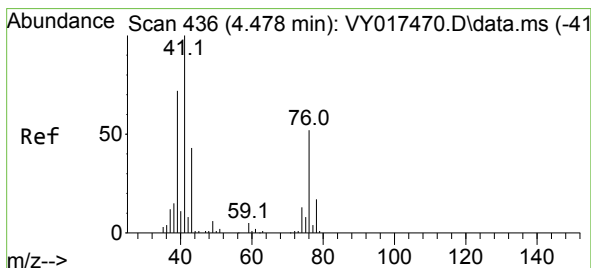
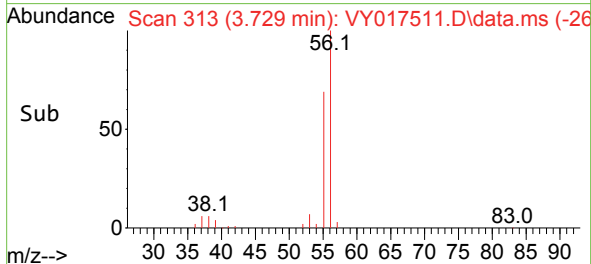
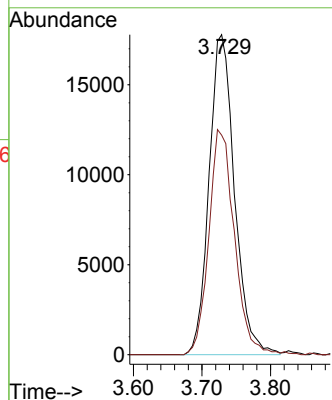
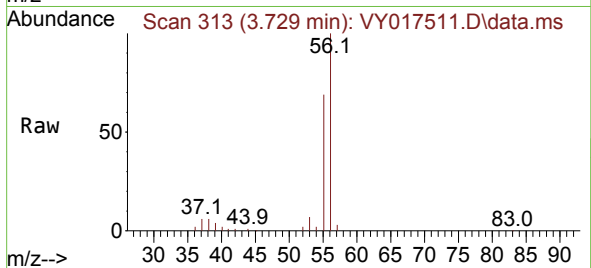
VSTDCCC050

Tgt Ion: 56 Resp: 45845

Ion Ratio Lower Upper

56 100

55 70.9 55.7 83.5



#14

Allyl chloride

Concen: 48.220 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

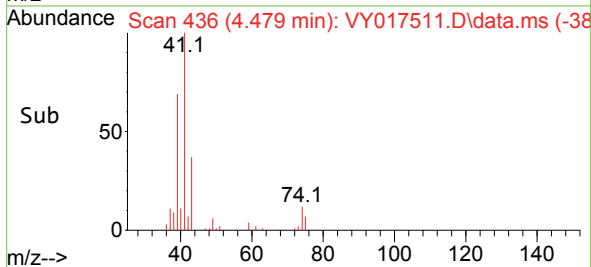
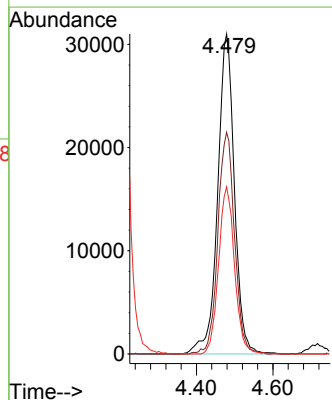
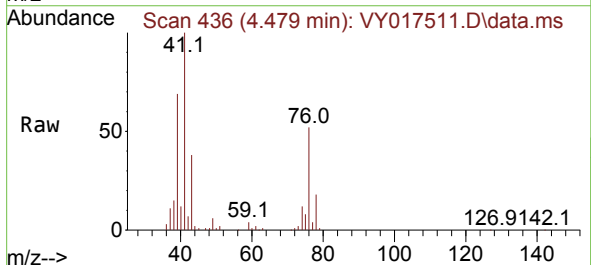
Tgt Ion: 41 Resp: 94245

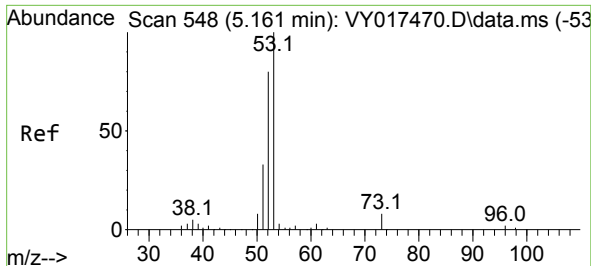
Ion Ratio Lower Upper

41 100

39 69.0 58.3 87.5

76 49.8 39.0 58.6

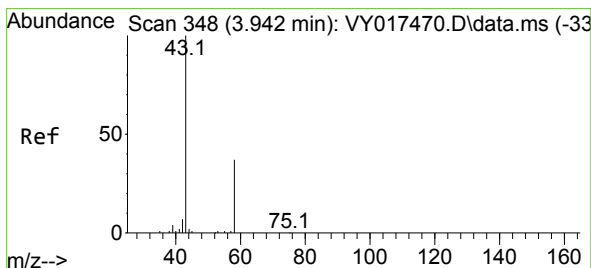
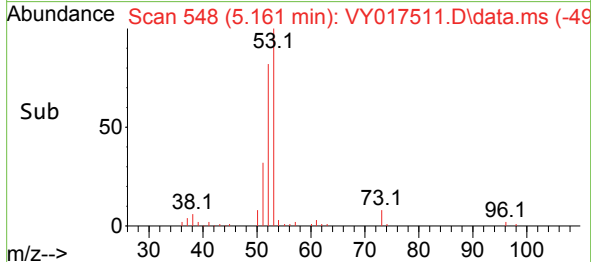
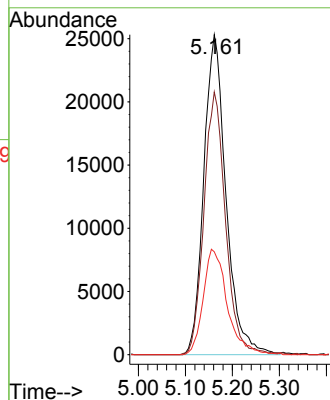
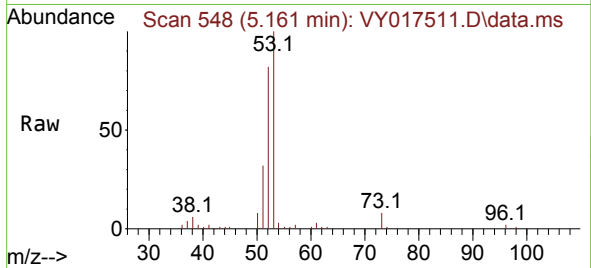




#15
Acrylonitrile
Concen: 228.589 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

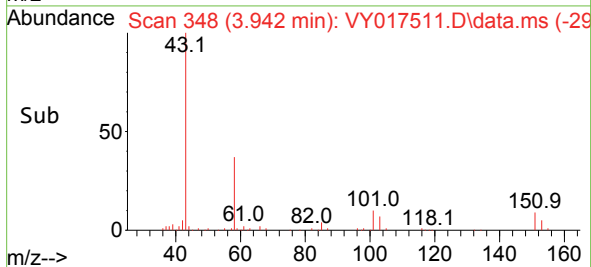
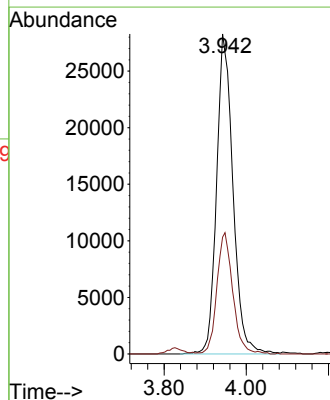
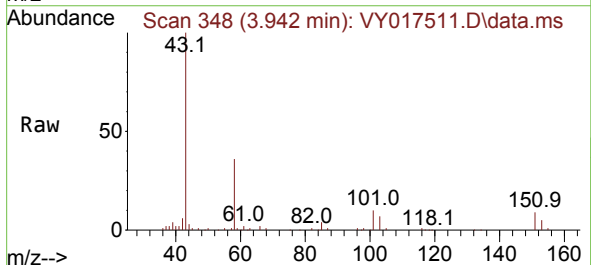
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

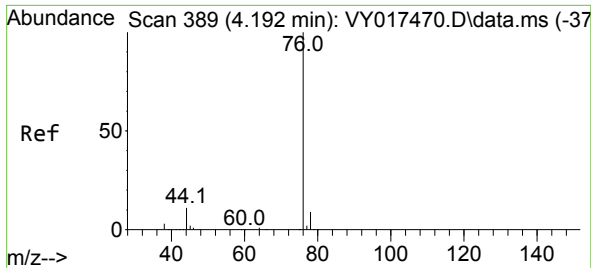
Tgt Ion: 53 Resp: 83166
Ion Ratio Lower Upper
53 100
52 80.1 64.7 97.1
51 35.7 28.4 42.6



#16
Acetone
Concen: 248.663 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 43 Resp: 78269
Ion Ratio Lower Upper
43 100
58 36.5 31.7 47.5

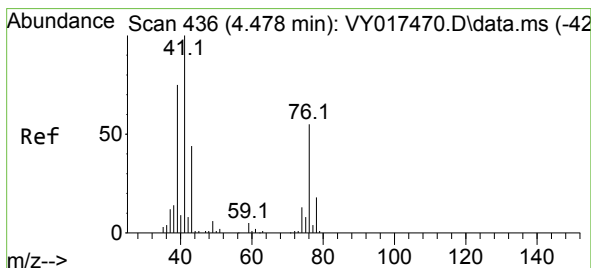
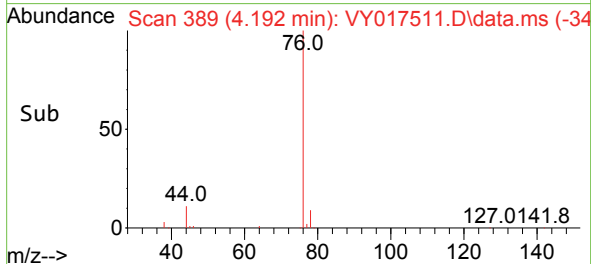
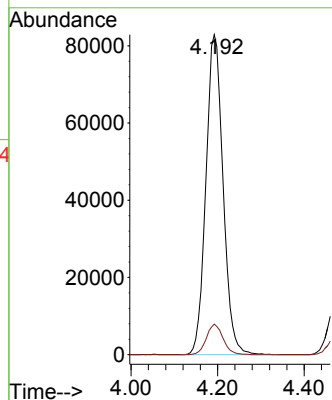
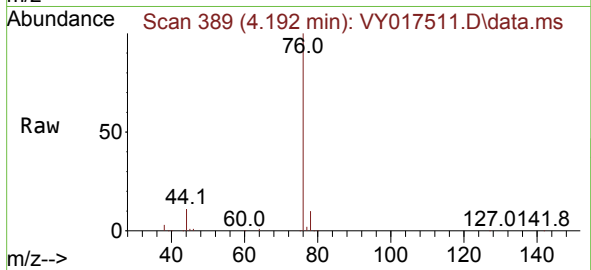




#17
Carbon Disulfide
Concen: 46.976 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

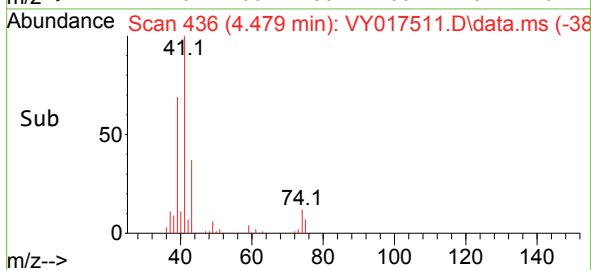
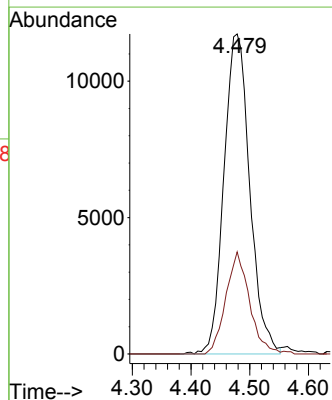
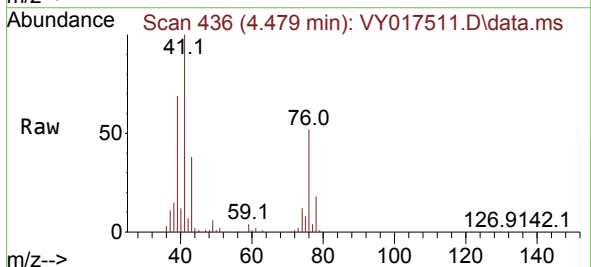
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 228077
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 46.925 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 43 Resp: 35833
Ion Ratio Lower Upper
43 100
74 29.4 23.3 34.9

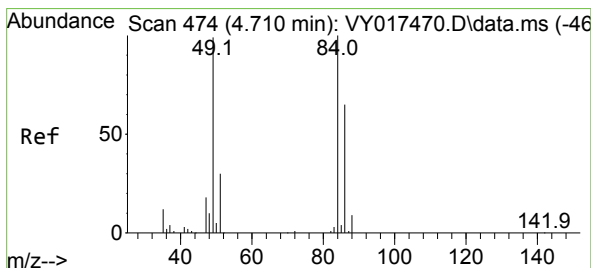
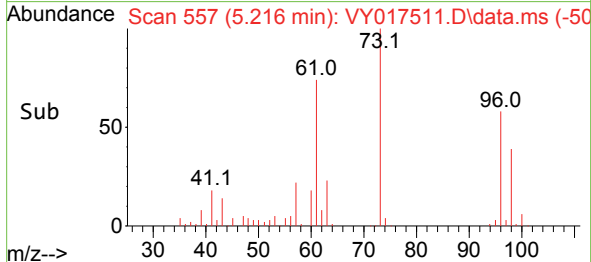
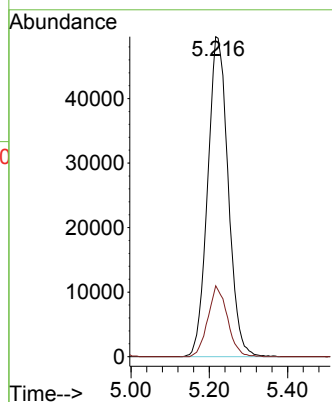
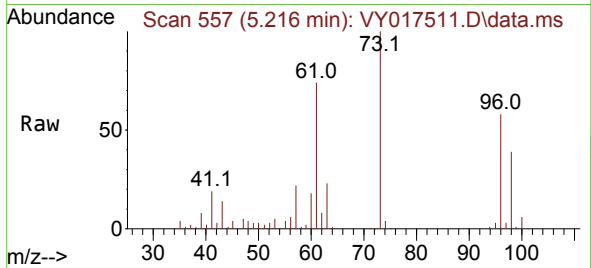




#19
Methyl tert-butyl Ether
Concen: 47.803 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

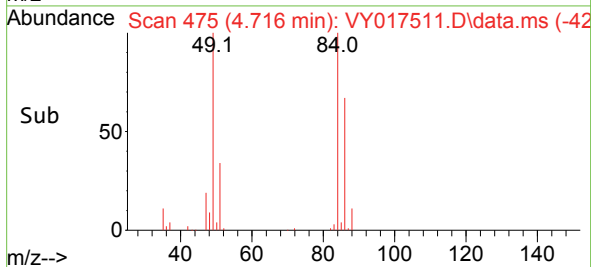
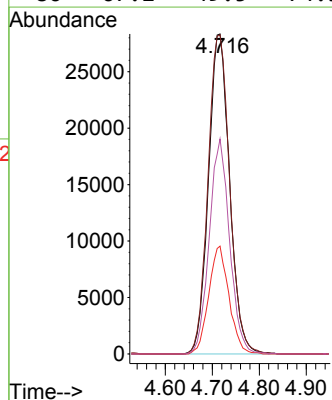
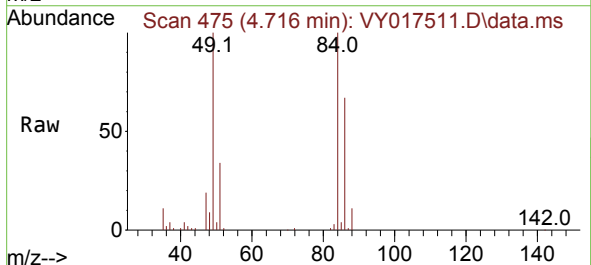
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 180226
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 47.506 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 84 Resp: 88358
Ion Ratio Lower Upper
84 100
49 99.8 84.4 126.6
51 33.7 26.0 39.0
86 67.2 49.5 74.3

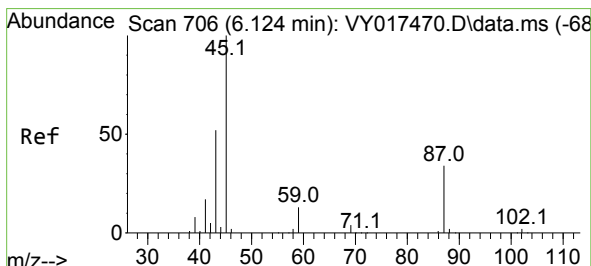
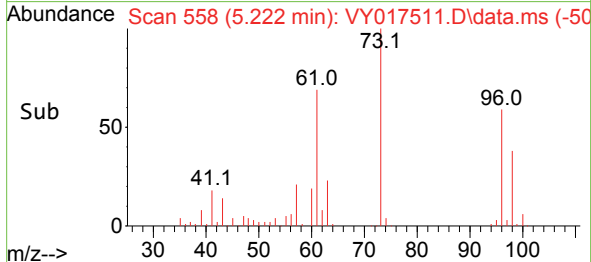
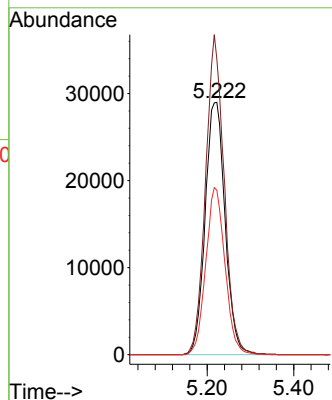
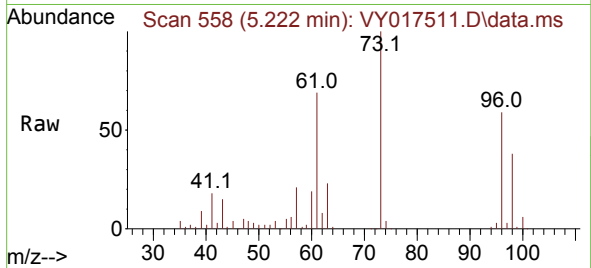




#21
trans-1,2-Dichloroethene
Concen: 48.930 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

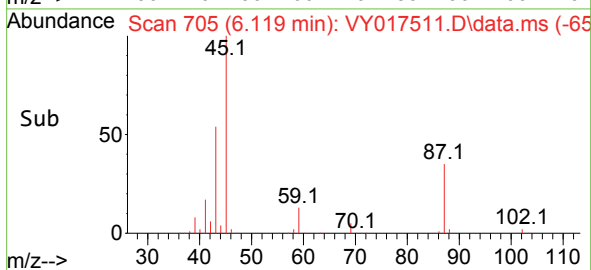
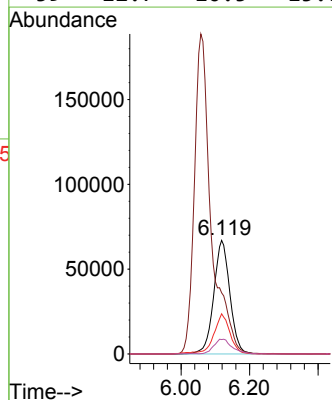
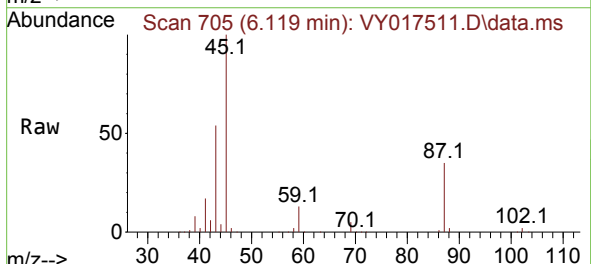
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

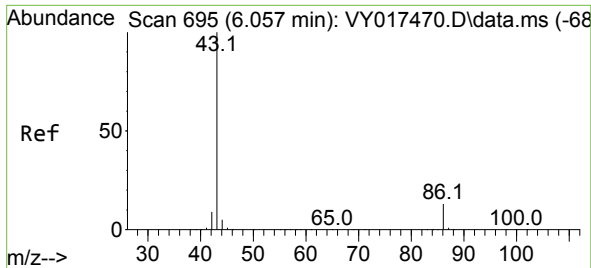
Tgt Ion: 96 Resp: 92669
Ion Ratio Lower Upper
96 100
61 117.1 97.5 146.3
98 65.2 50.5 75.7



#22
Diisopropyl ether
Concen: 48.570 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 45 Resp: 219056
Ion Ratio Lower Upper
45 100
43 53.5 42.2 63.2
87 35.3 25.0 37.6
59 12.7 10.5 15.7

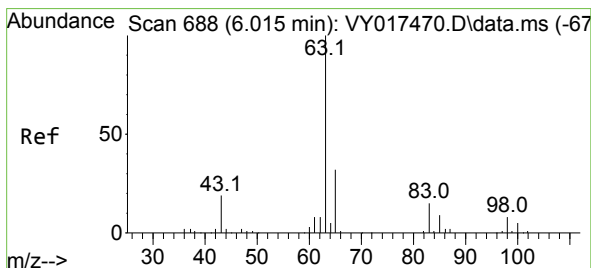
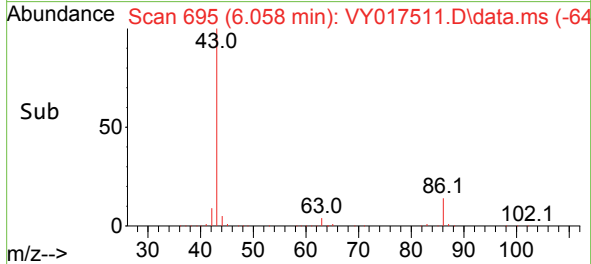
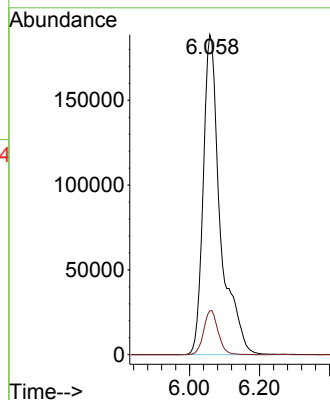
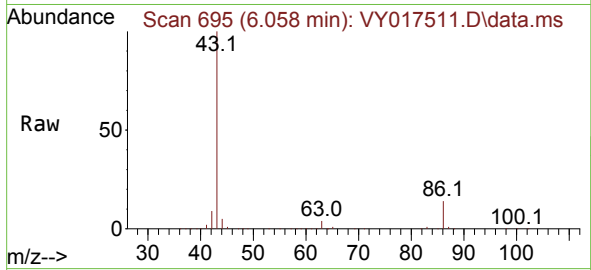




#23
 Vinyl Acetate
 Concen: 238.686 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017511.D
 Acq: 28 Feb 2024 10:36

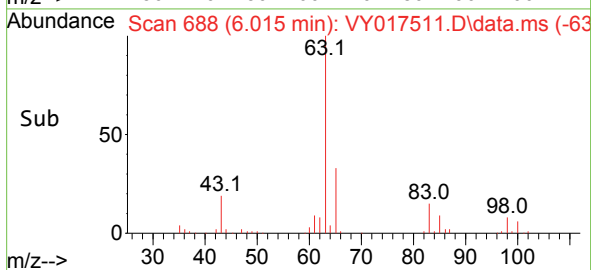
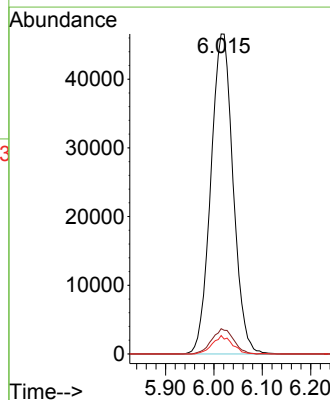
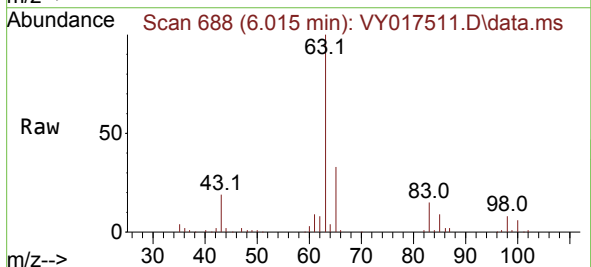
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 641482
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.275 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017511.D
 Acq: 28 Feb 2024 10:36

Tgt Ion: 63 Resp: 148748
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 5.8 2.6 8.0





#25

2-Butanone

Concen: 236.992 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

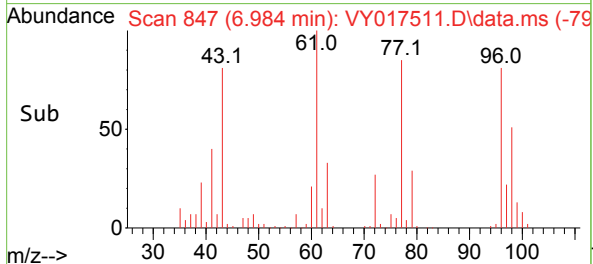
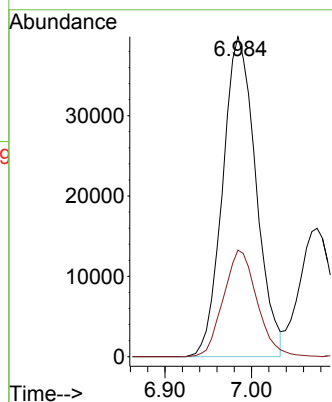
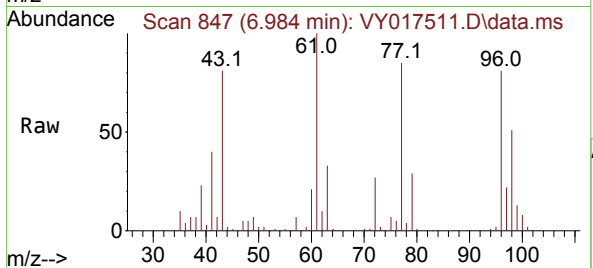
VSTDCCC050

Tgt Ion: 43 Resp: 106308

Ion Ratio Lower Upper

43 100

72 33.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 50.212 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017511.D

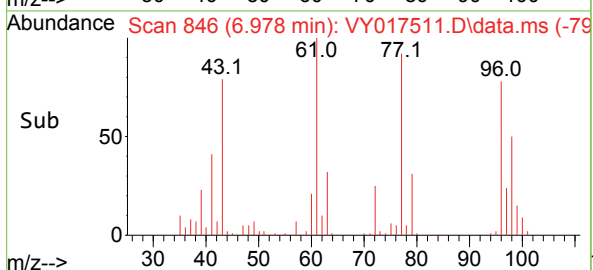
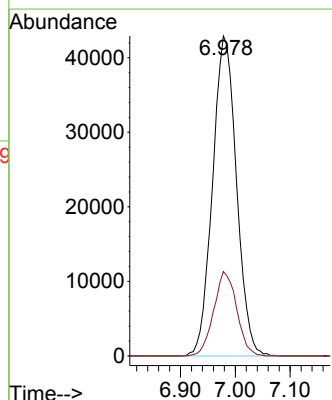
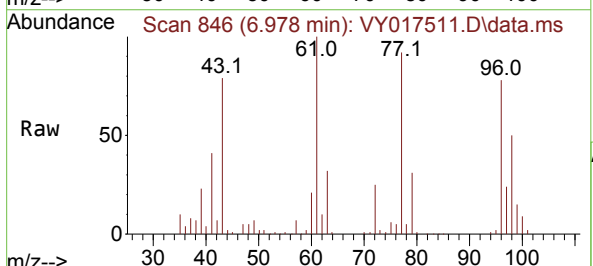
Acq: 28 Feb 2024 10:36

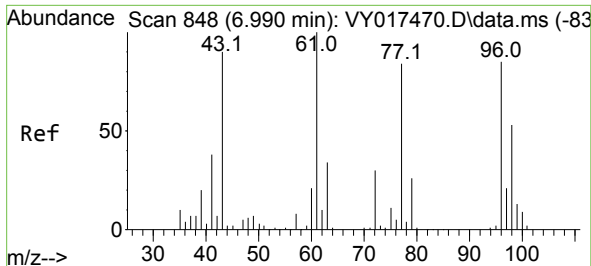
Tgt Ion: 77 Resp: 130081

Ion Ratio Lower Upper

77 100

97 25.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 49.134 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

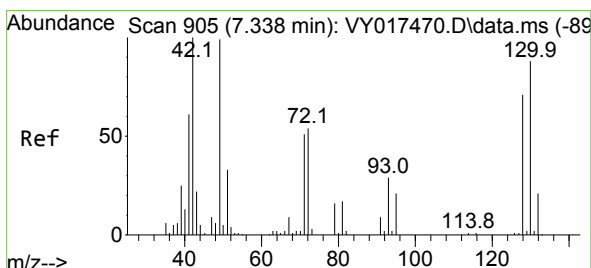
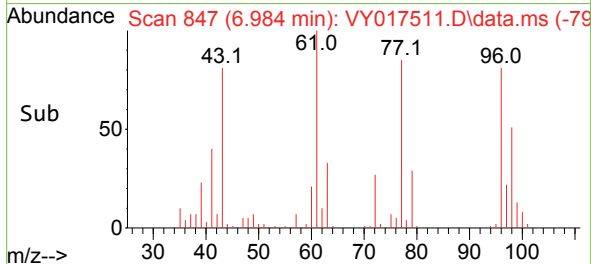
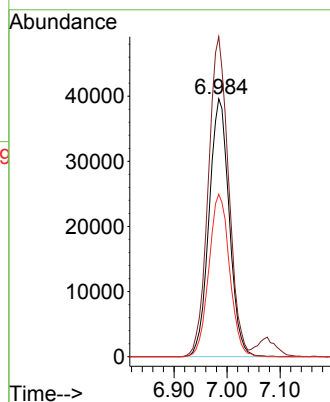
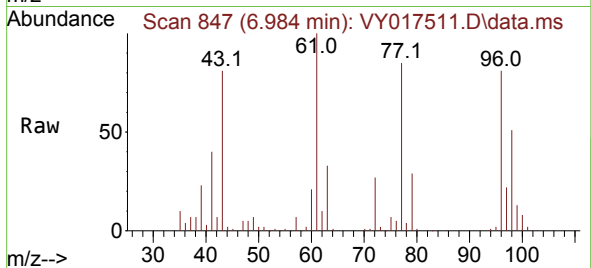
Tgt Ion: 96 Resp: 104481

Ion Ratio Lower Upper

96 100

61 125.6 0.0 256.2

98 64.7 0.0 130.0



#28

Bromochloromethane

Concen: 55.661 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

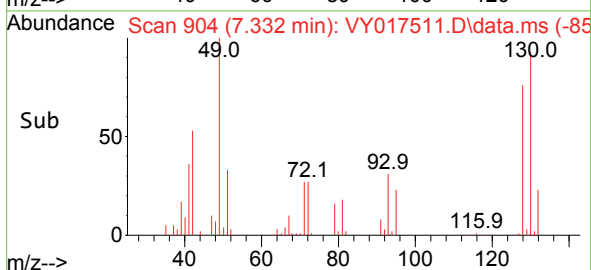
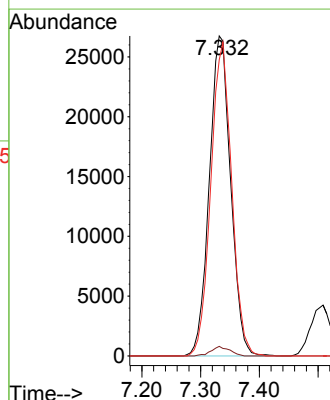
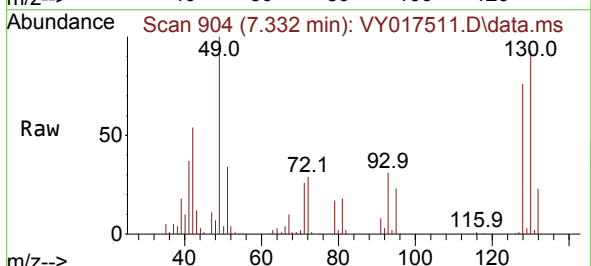
Tgt Ion: 49 Resp: 67545

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 95.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 232.220 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

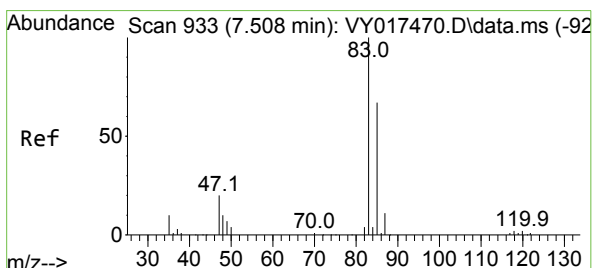
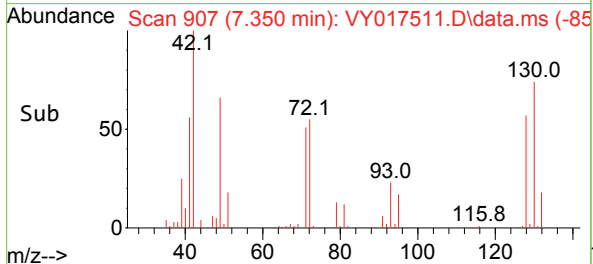
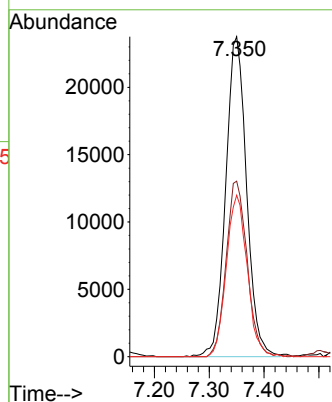
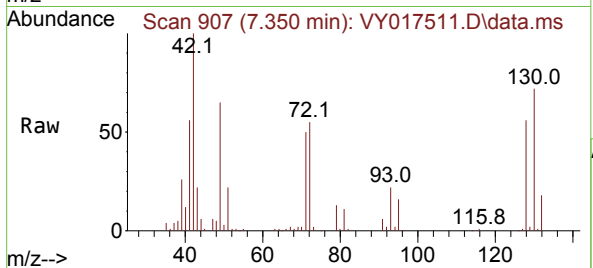
Tgt Ion: 42 Resp: 62793

Ion Ratio Lower Upper

42 100

72 55.3 43.0 64.4

71 50.6 40.8 61.2



#30

Chloroform

Concen: 49.228 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017511.D

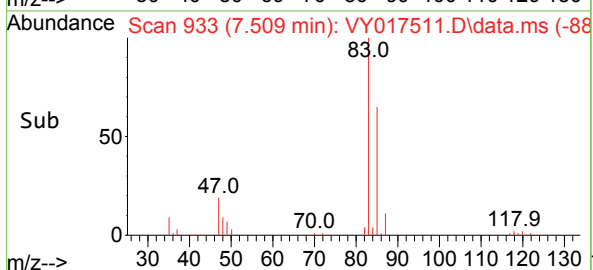
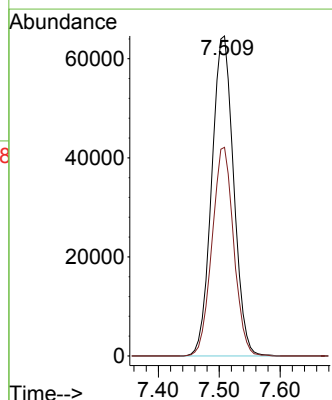
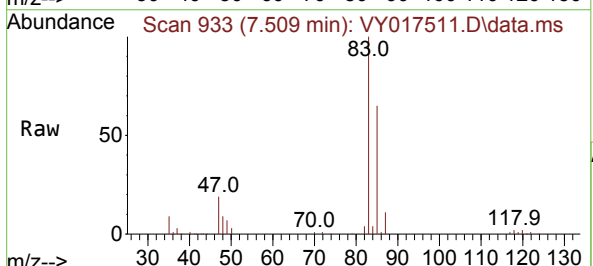
Acq: 28 Feb 2024 10:36

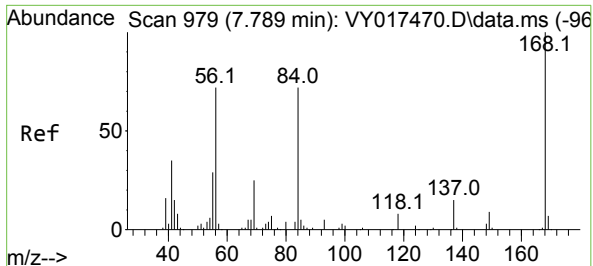
Tgt Ion: 83 Resp: 161494

Ion Ratio Lower Upper

83 100

85 65.2 52.2 78.4

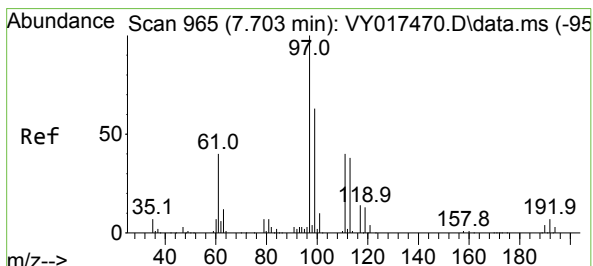
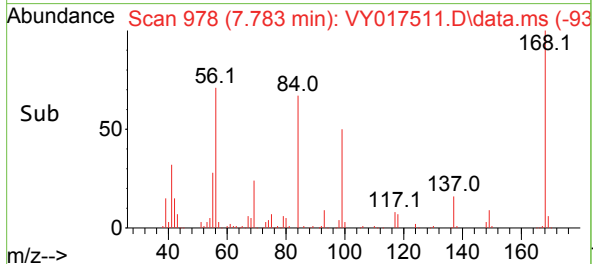
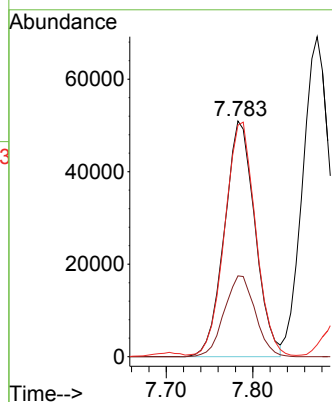
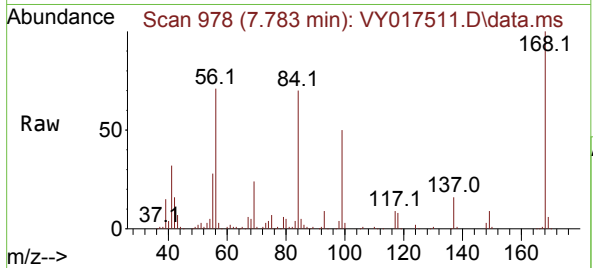




#31
Cyclohexane
Concen: 47.442 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

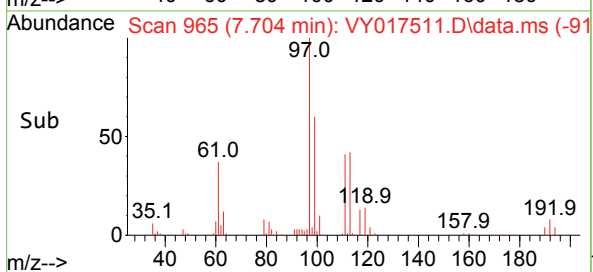
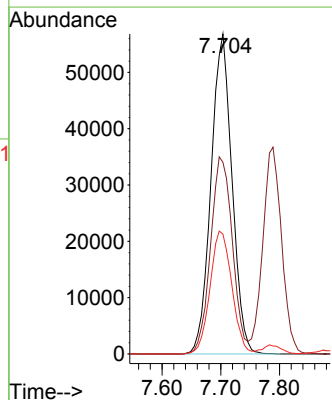
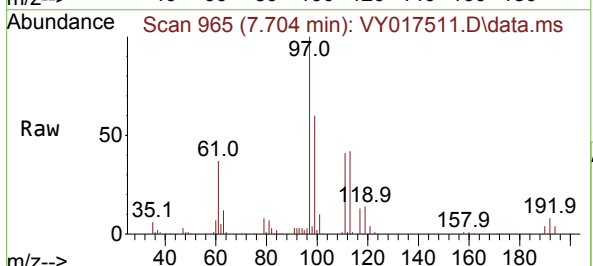
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

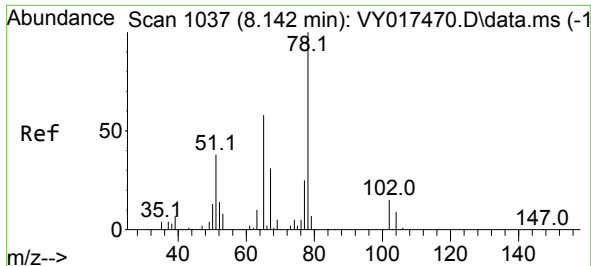
Tgt Ion: 56 Resp: 125292
Ion Ratio Lower Upper
56 100
69 34.3 28.7 43.1
84 97.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.513 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 97 Resp: 141017
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 39.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 39.758 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

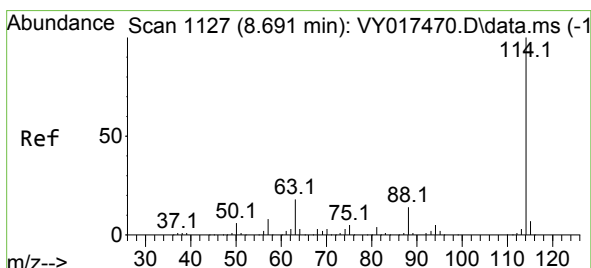
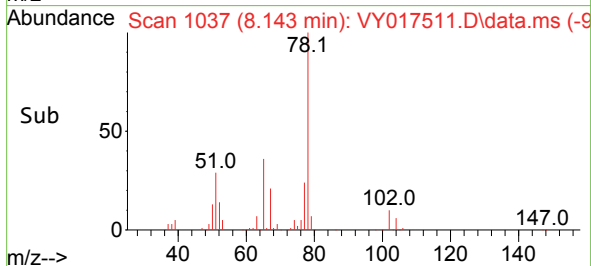
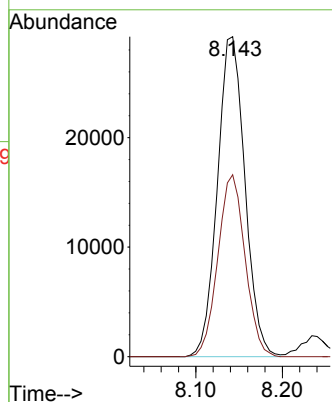
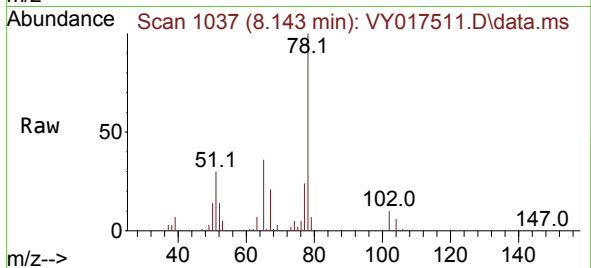
VSTDCCC050

Tgt Ion: 65 Resp: 64520

Ion Ratio Lower Upper

65 100

67 56.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

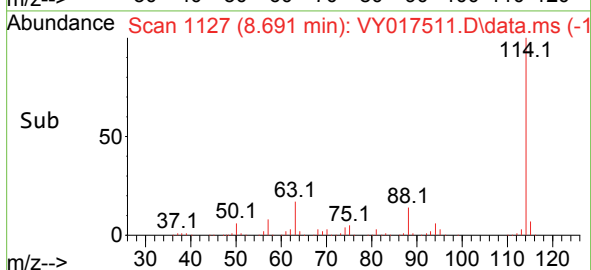
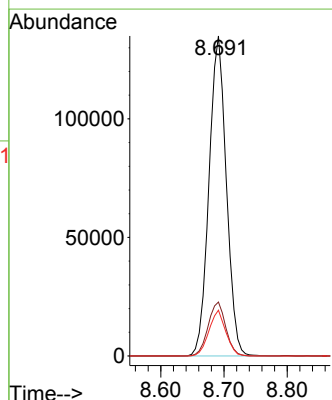
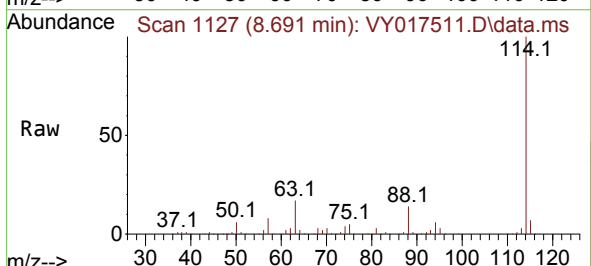
Tgt Ion: 114 Resp: 257008

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.3 0.0 27.2

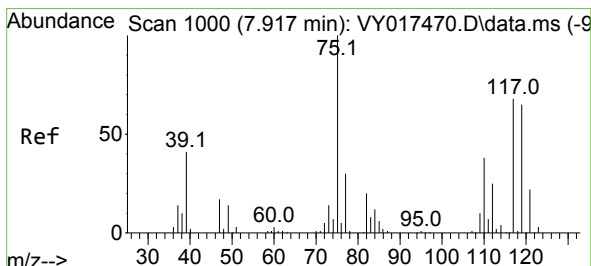
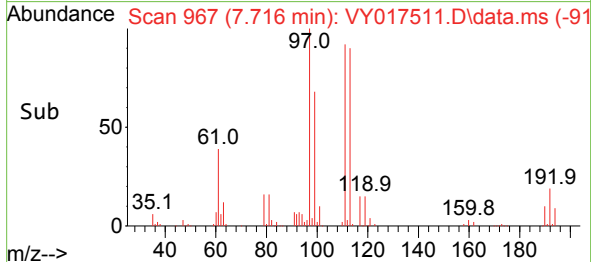
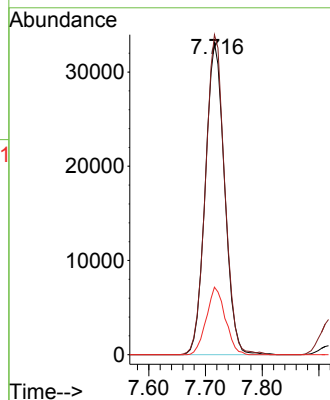
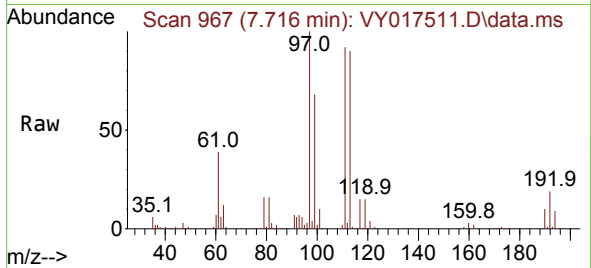




#35
Dibromofluoromethane
Concen: 43.560 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

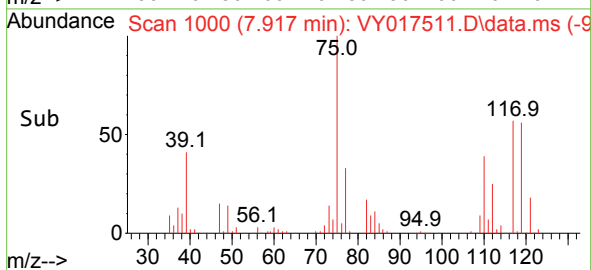
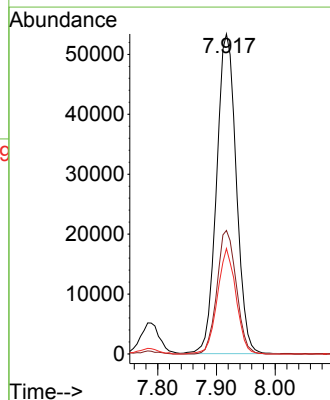
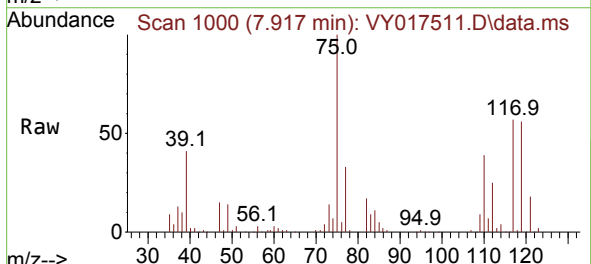
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

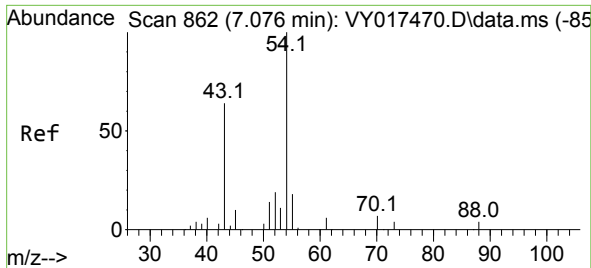
Tgt Ion:113 Resp: 78013
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 21.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.316 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 75 Resp: 123996
Ion Ratio Lower Upper
75 100
110 38.0 19.0 57.0
77 31.3 25.3 37.9

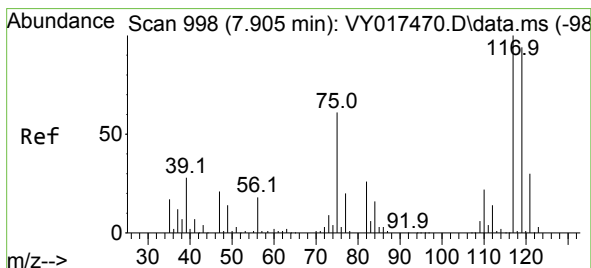
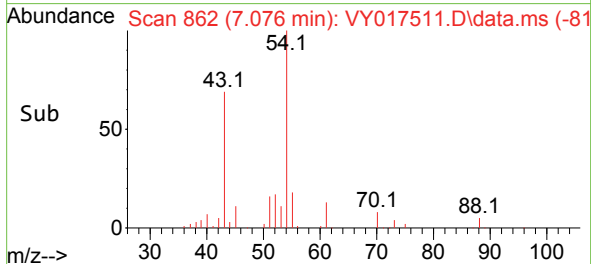
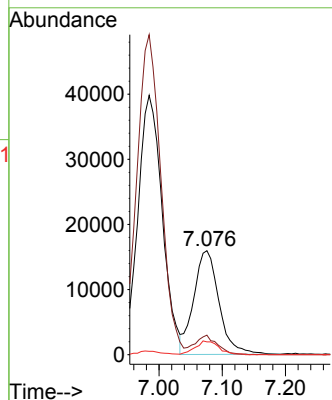
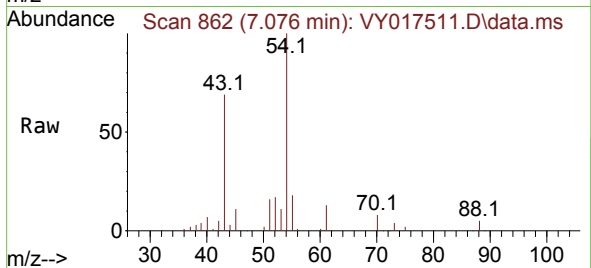




#37
Ethyl Acetate
Concen: 46.355 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

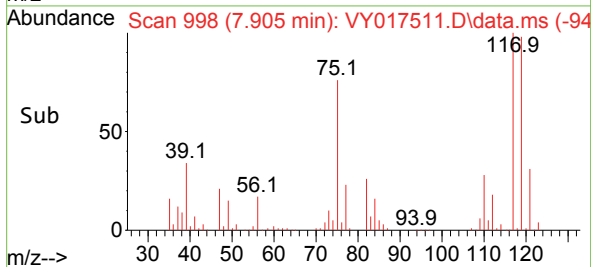
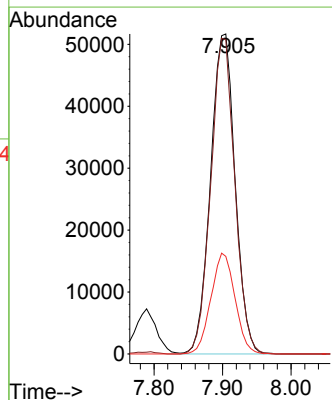
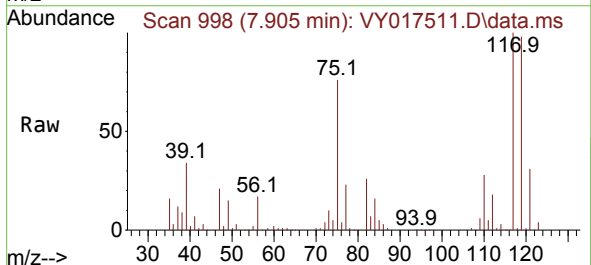
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 44239
Ion Ratio Lower Upper
43 100
61 16.1 12.6 19.0
70 12.2 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 53.111 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 117 Resp: 128620
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.6
121 30.5 24.0 36.0





#39

Methylcyclohexane

Concen: 52.237 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

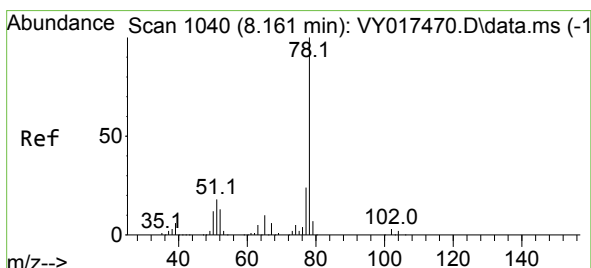
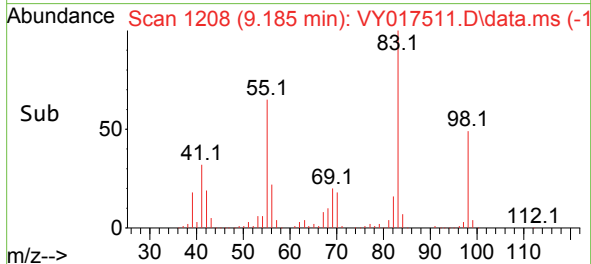
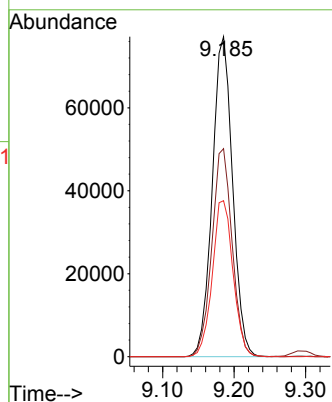
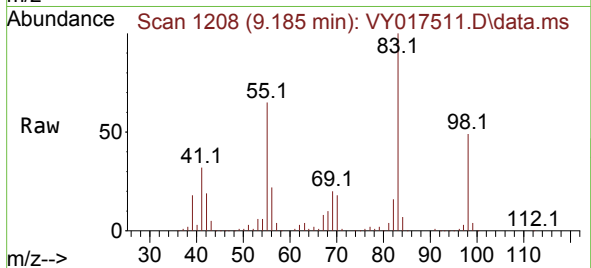
Tgt Ion: 83 Resp: 151691

Ion Ratio Lower Upper

83 100

55 65.0 51.5 77.3

98 48.8 40.5 60.7



#40

Benzene

Concen: 50.737 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017511.D

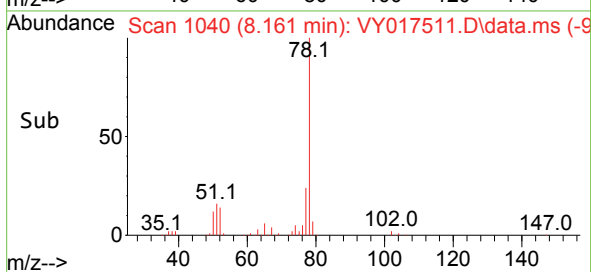
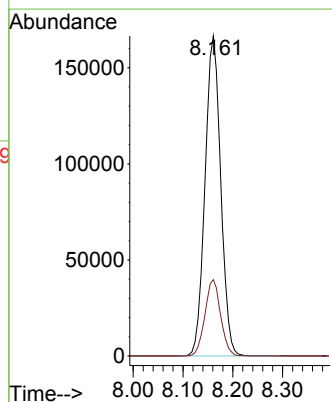
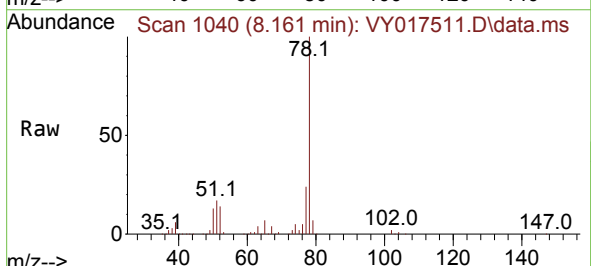
Acq: 28 Feb 2024 10:36

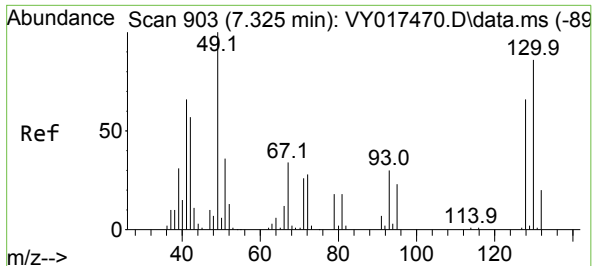
Tgt Ion: 78 Resp: 364080

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3

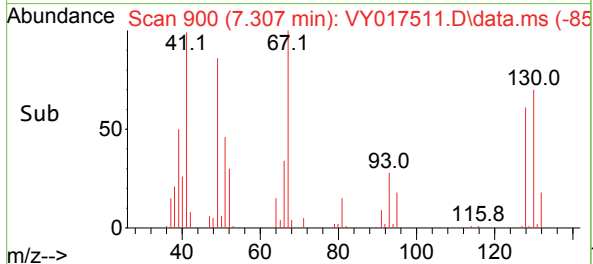
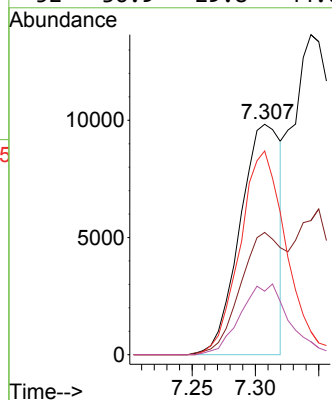
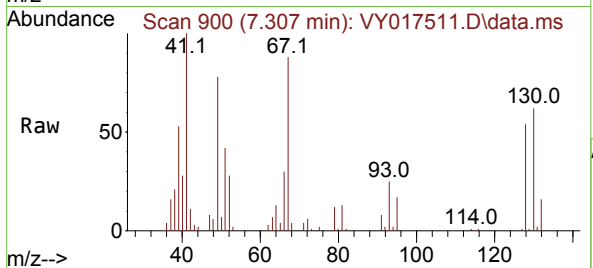




#41
Methacrylonitrile
Concen: 45.683 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.018 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

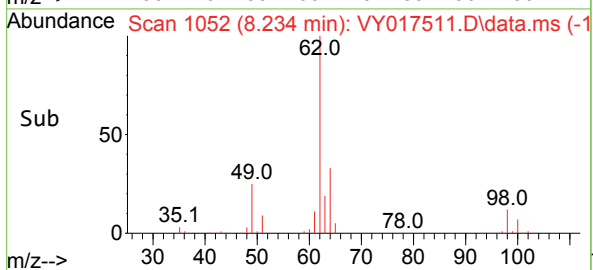
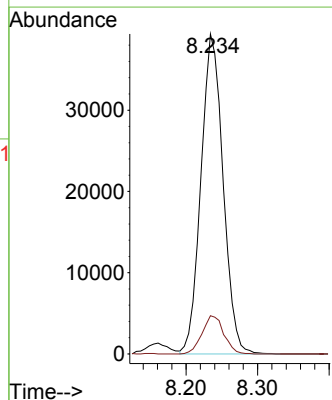
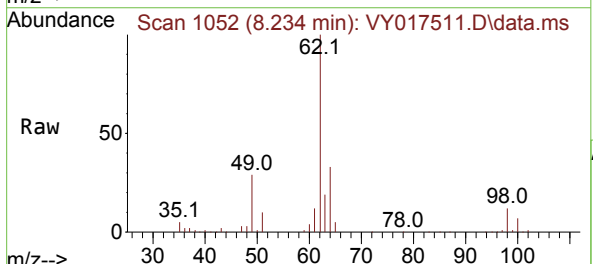
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

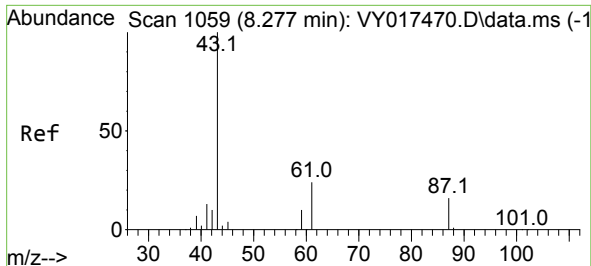
Tgt Ion: 41 Resp: 21878
Ion Ratio Lower Upper
41 100
39 59.4 48.0 72.0
67 100.9 75.1 112.7
52 36.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 48.353 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 62 Resp: 84657
Ion Ratio Lower Upper
62 100
98 11.8 0.0 22.0

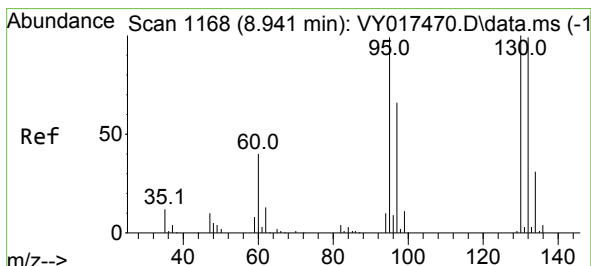
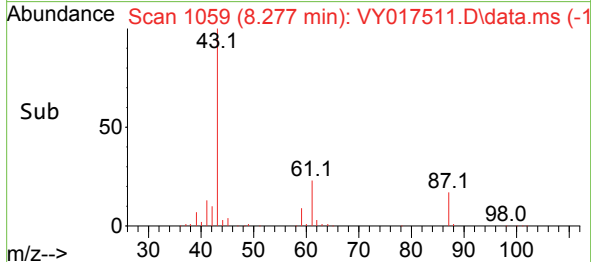
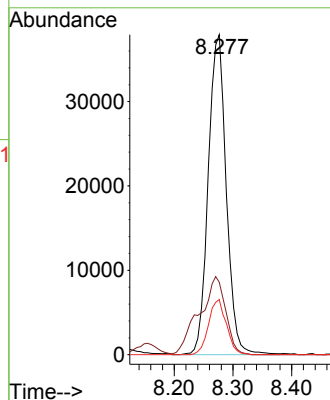
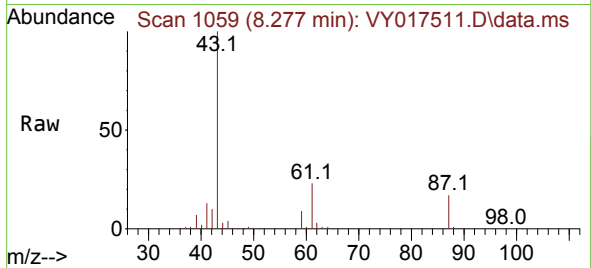




#43
Isopropyl Acetate
Concen: 48.221 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

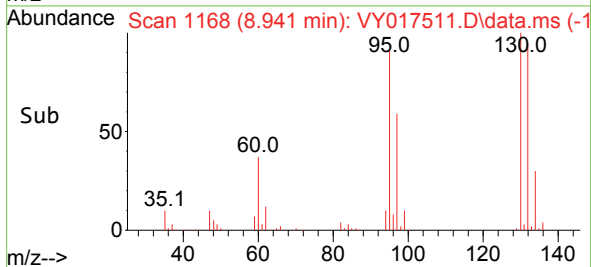
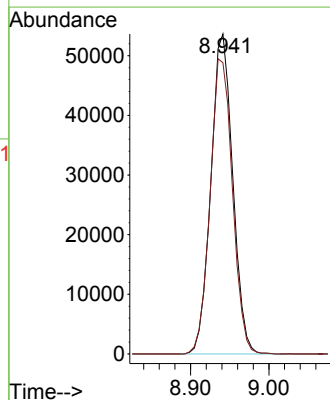
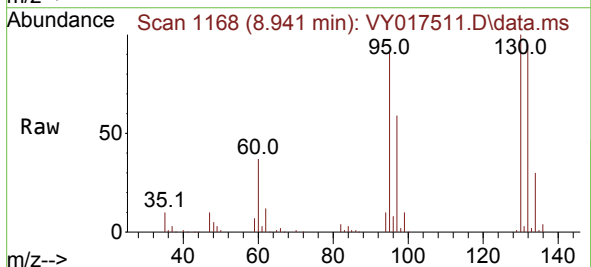
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

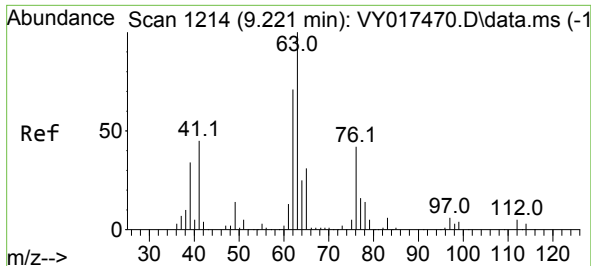
Tgt Ion: 43 Resp: 80869
Ion Ratio Lower Upper
43 100
61 35.6 27.9 41.9
87 17.0 13.1 19.7



#44
Trichloroethene
Concen: 50.216 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion:130 Resp: 103861
Ion Ratio Lower Upper
130 100
95 91.0 0.0 188.0

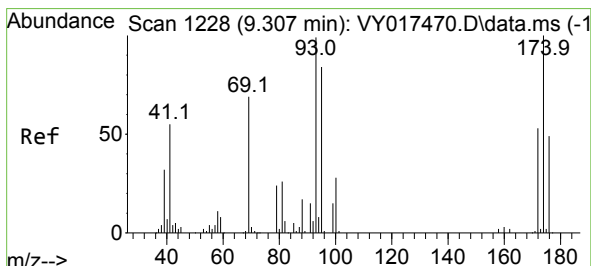
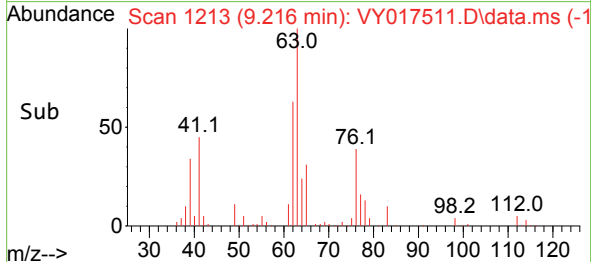
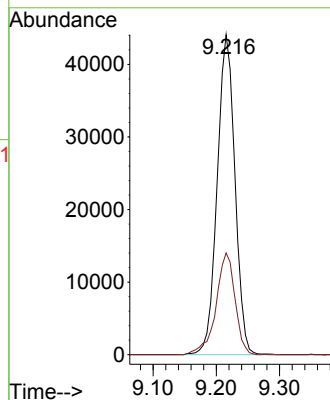
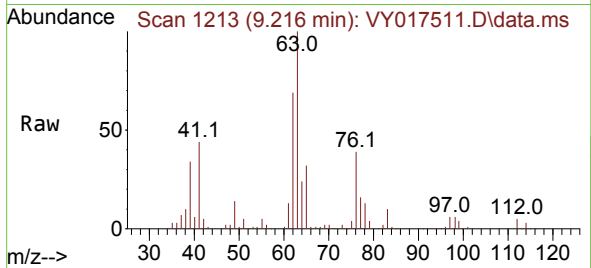




#45
1,2-Dichloropropane
Concen: 50.176 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

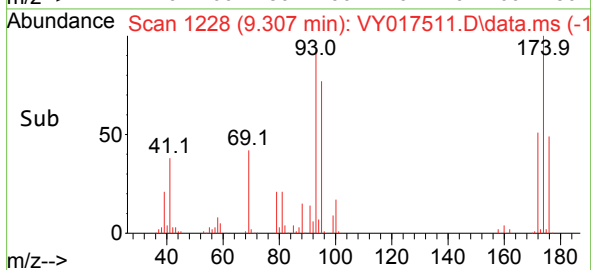
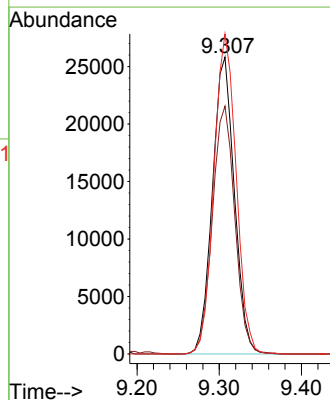
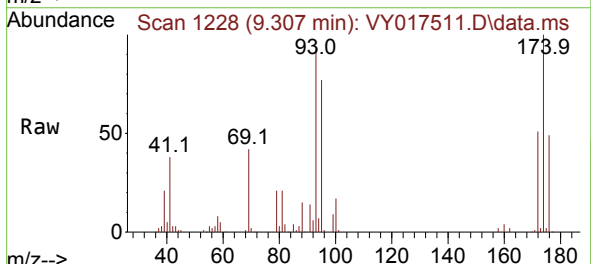
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

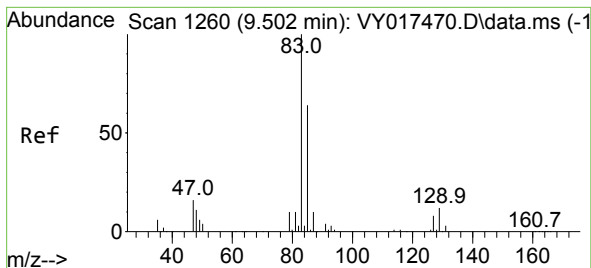
Tgt Ion: 63 Resp: 85662
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.2



#46
Dibromomethane
Concen: 49.135 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 93 Resp: 48008
Ion Ratio Lower Upper
93 100
95 85.1 66.2 99.4
174 109.0 80.9 121.3





#47

Bromodichloromethane

Concen: 51.219 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

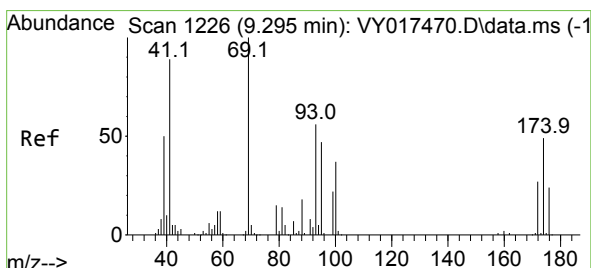
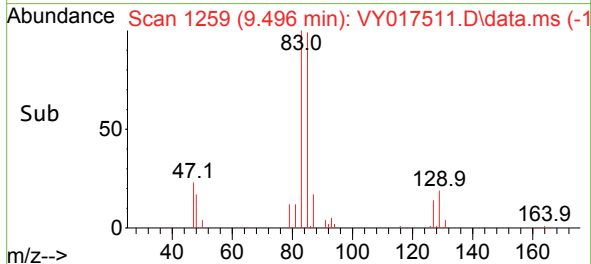
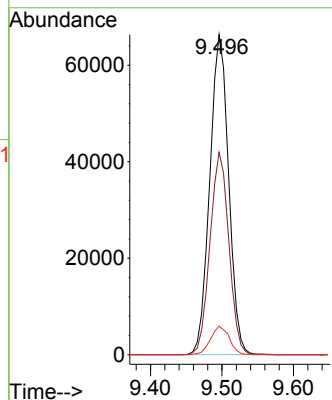
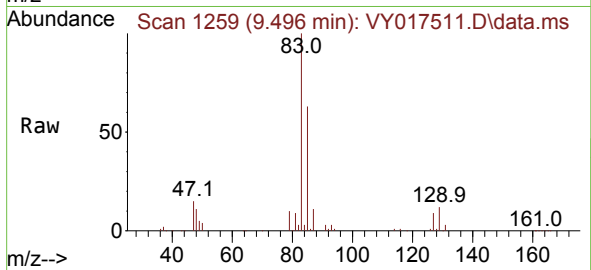
Tgt Ion: 83 Resp: 121511

Ion Ratio Lower Upper

83 100

85 63.2 50.1 75.1

127 8.9 7.4 11.0



#48

Methyl methacrylate

Concen: 48.847 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

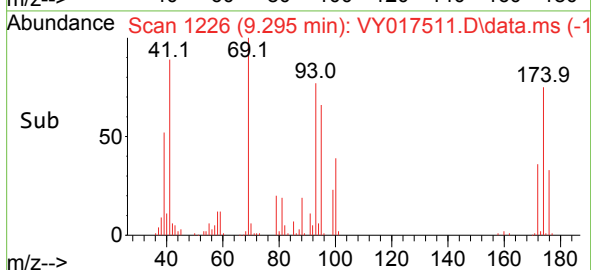
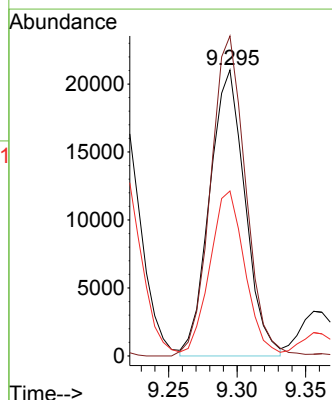
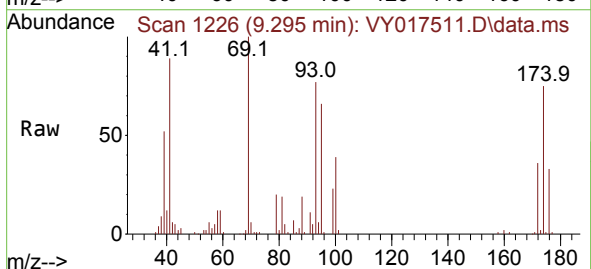
Tgt Ion: 41 Resp: 37919

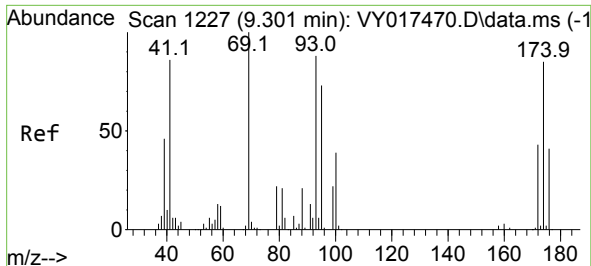
Ion Ratio Lower Upper

41 100

69 110.1 84.1 126.1

39 54.6 43.6 65.4





#49

1,4-Dioxane

Concen: 1028.257 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

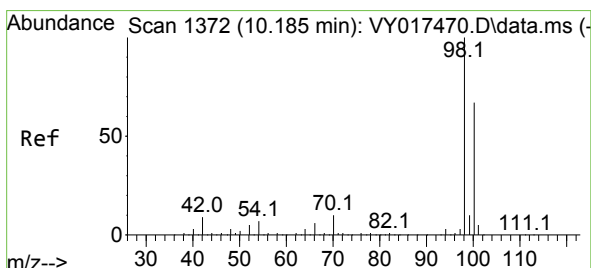
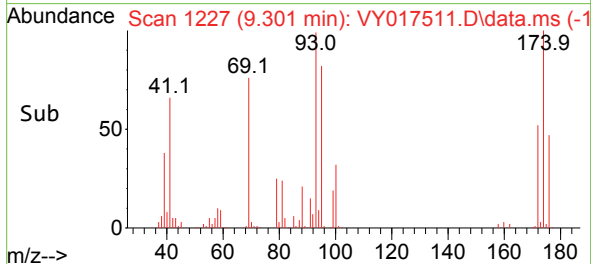
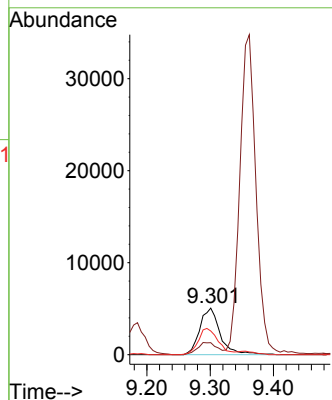
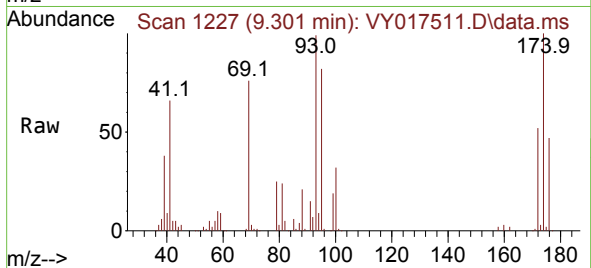
Tgt Ion: 88 Resp: 11370

Ion Ratio Lower Upper

88 100

43 25.0 0.0 0.0#

58 54.6 49.3 73.9



#50

Toluene-d8

Concen: 47.058 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017511.D

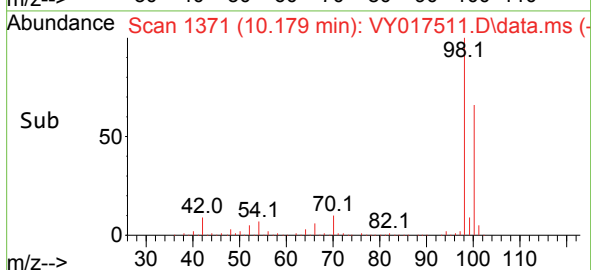
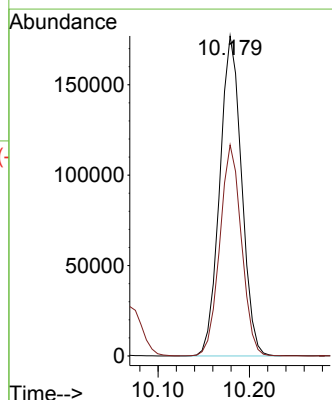
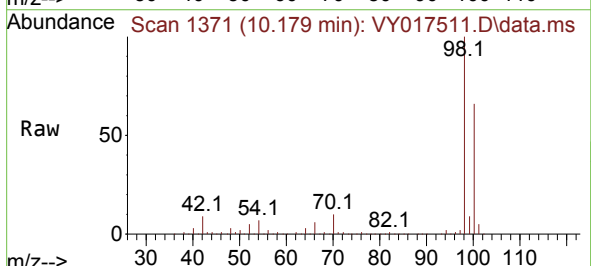
Acq: 28 Feb 2024 10:36

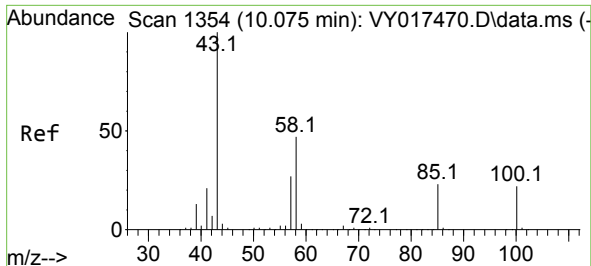
Tgt Ion: 98 Resp: 294662

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

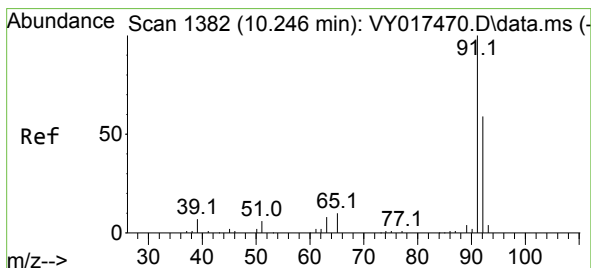
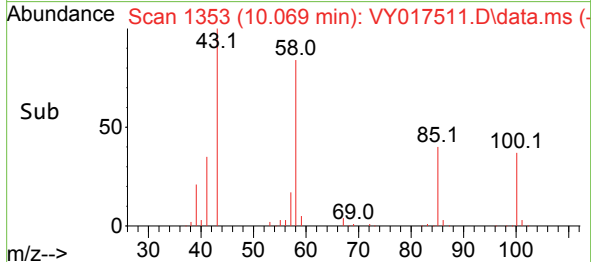
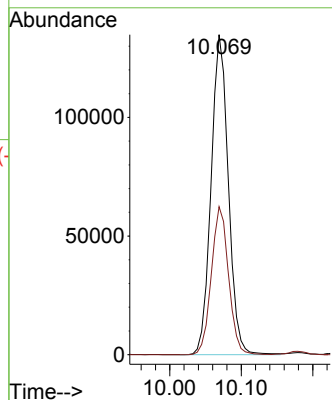
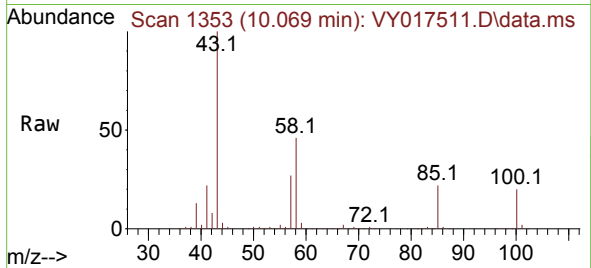




#51
4-Methyl-2-Pentanone
Concen: 241.552 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

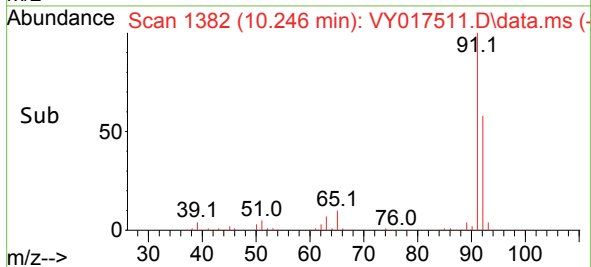
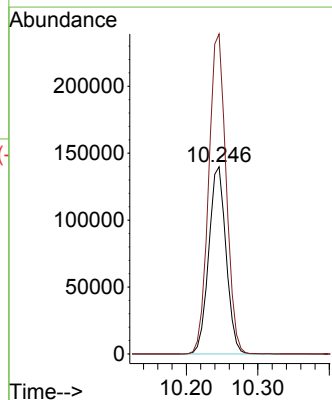
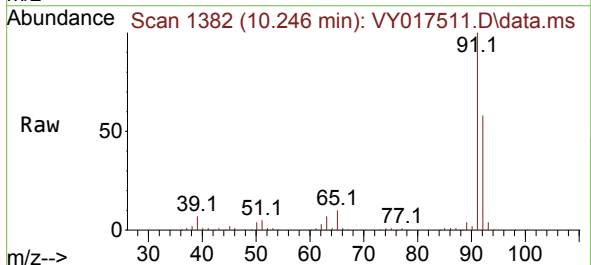
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

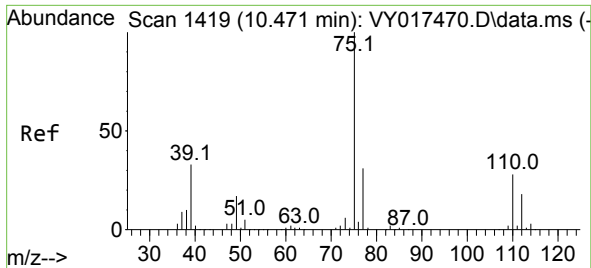
Tgt Ion: 43 Resp: 225773
Ion Ratio Lower Upper
43 100
58 46.2 35.7 53.5



#52
Toluene
Concen: 51.980 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 92 Resp: 235144
Ion Ratio Lower Upper
92 100
91 172.4 139.0 208.6

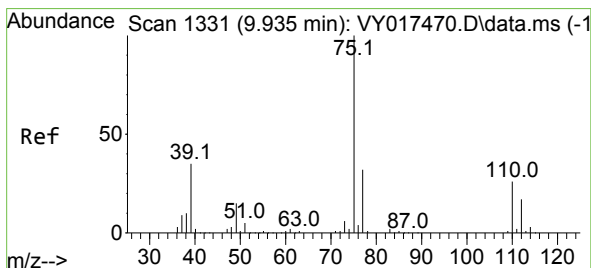
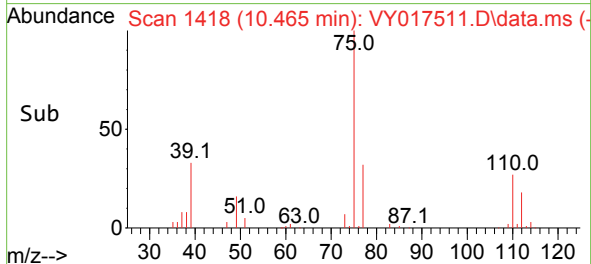
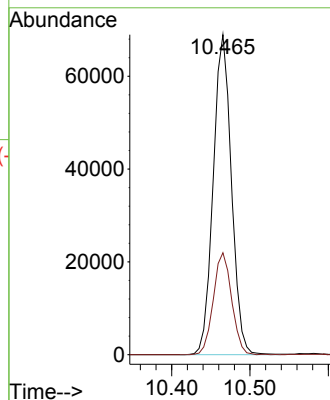
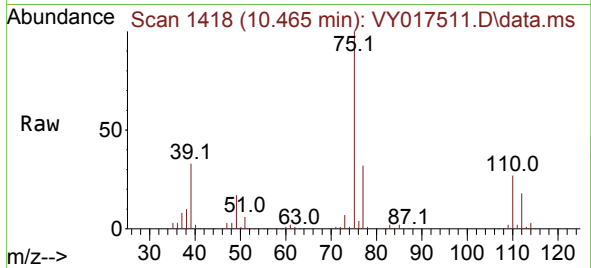




#53
 t-1,3-Dichloropropene
 Concen: 50.569 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017511.D
 Acq: 28 Feb 2024 10:36

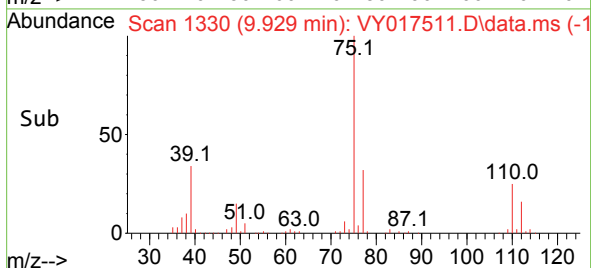
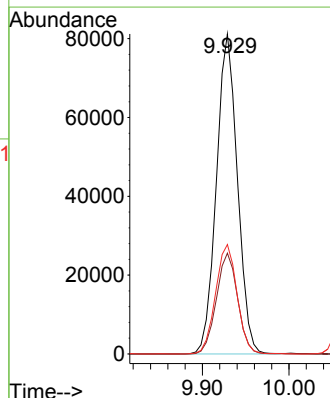
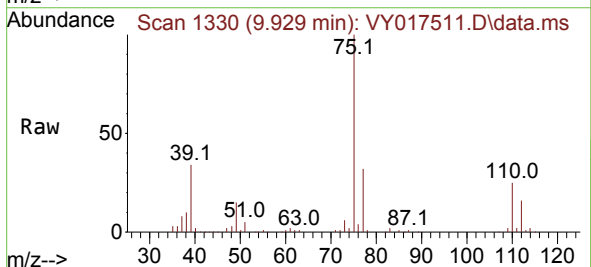
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

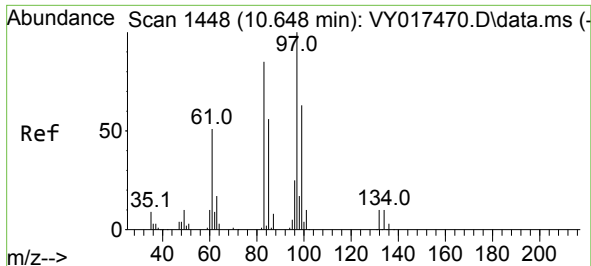
Tgt Ion: 75 Resp: 111353
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 51.138 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017511.D
 Acq: 28 Feb 2024 10:36

Tgt Ion: 75 Resp: 136826
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 34.2 29.8 44.6

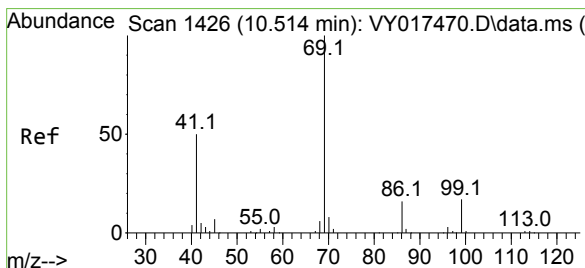
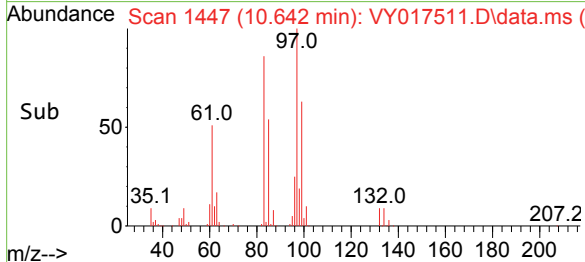
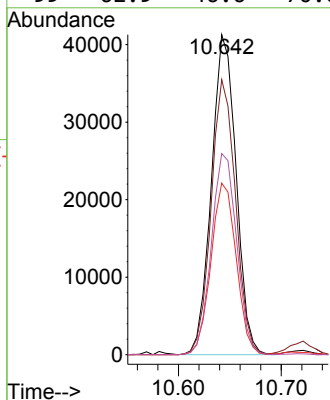
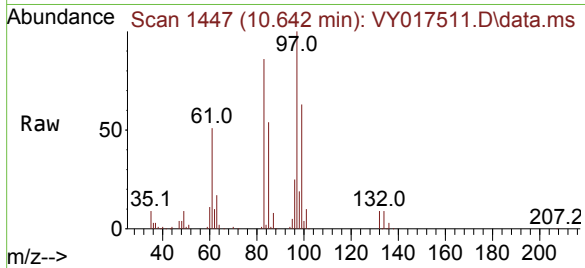




#55
1,1,2-Trichloroethane
Concen: 49.605 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

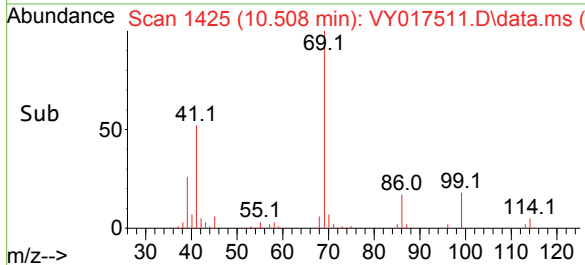
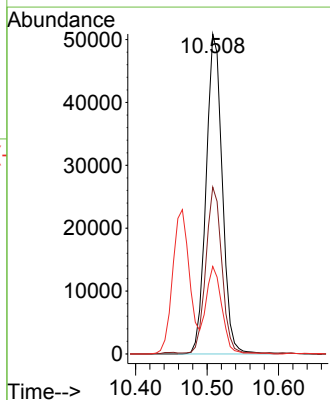
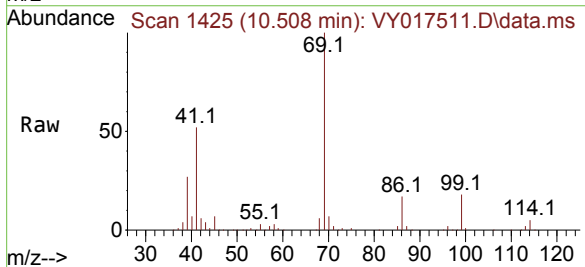
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 68815
Ion Ratio	Lower Upper
97 100	
83 86.0	67.5 101.3
85 53.6	42.9 64.3
99 62.9	46.6 70.0



#56
Ethyl methacrylate
Concen: 46.973 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 69	Resp: 79889
Ion Ratio	Lower Upper
69 100	
41 51.0	42.3 63.5
39 26.6	22.9 34.3

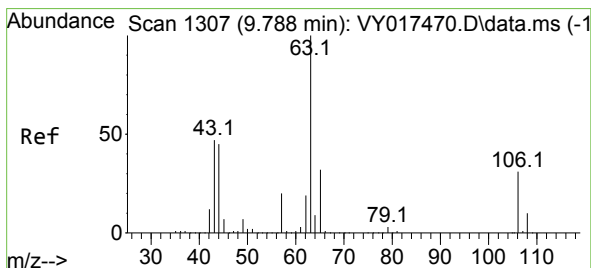
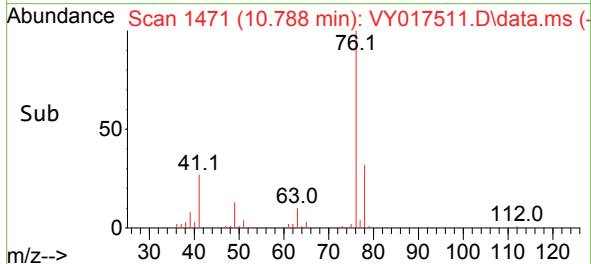
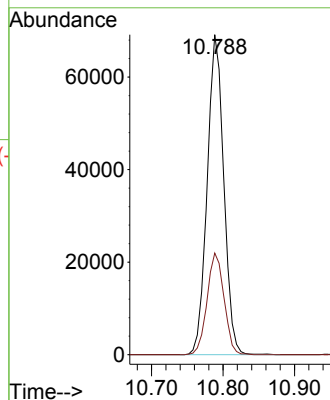
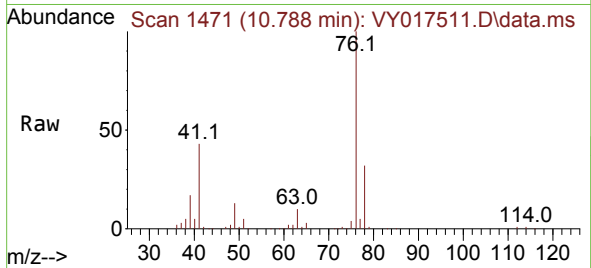




#57
1,3-Dichloropropane
Concen: 49.335 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

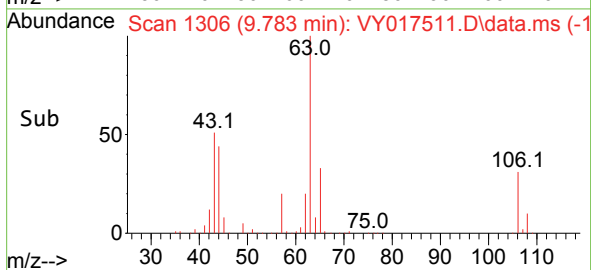
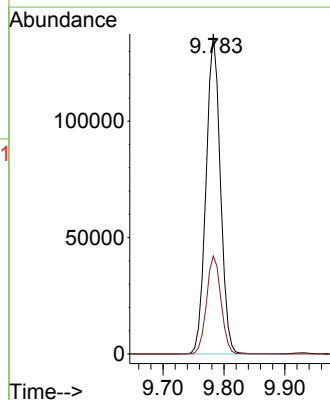
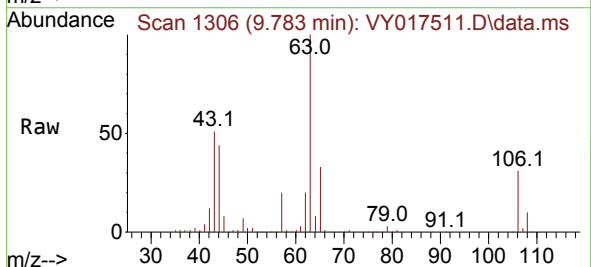
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

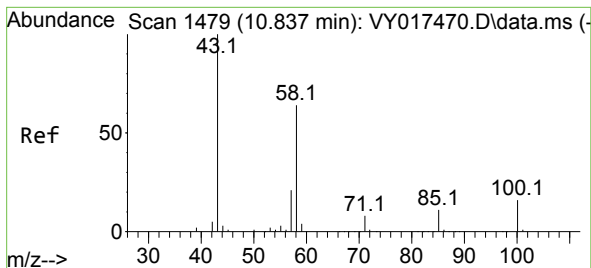
Tgt Ion: 76 Resp: 111274
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 279.632 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 63 Resp: 223848
Ion Ratio Lower Upper
63 100
106 30.9 23.7 35.5

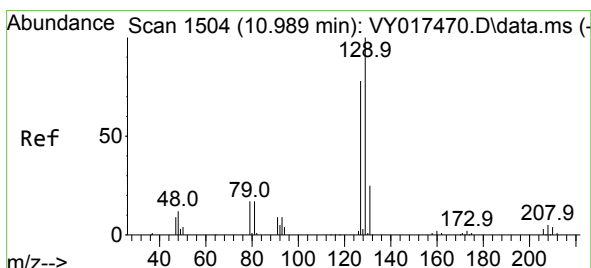
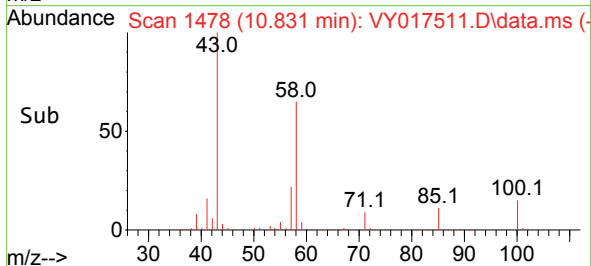
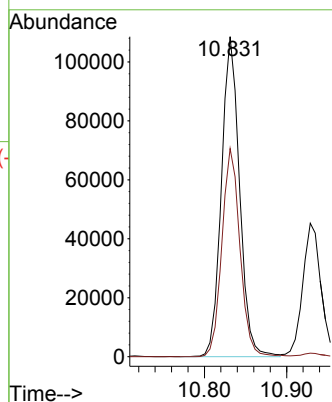
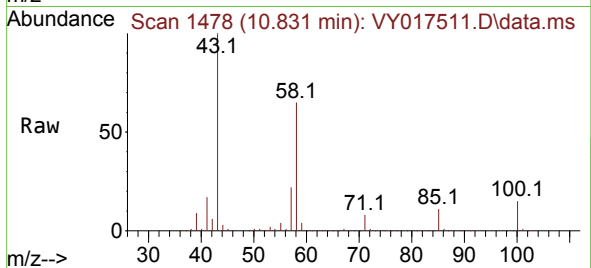




#59
2-Hexanone
Concen: 259.278 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

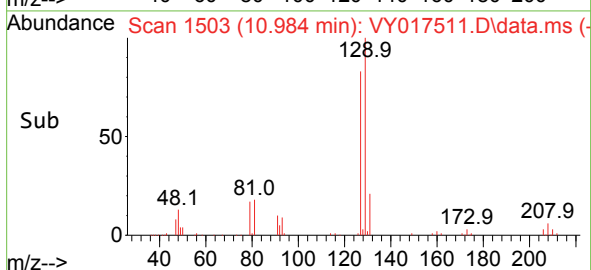
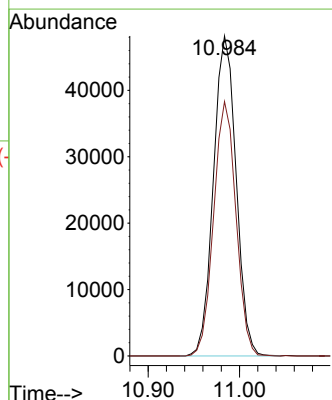
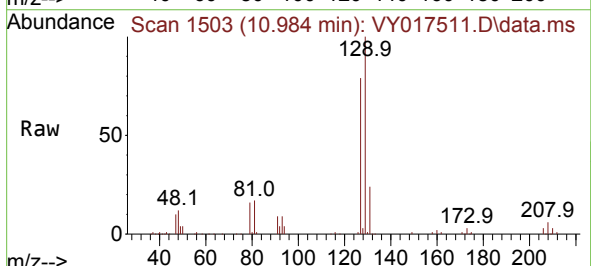
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

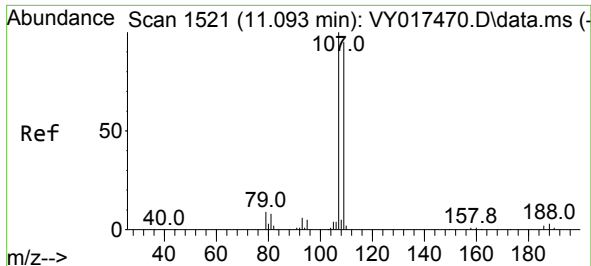
Tgt Ion: 43 Resp: 166459
Ion Ratio Lower Upper
43 100
58 64.9 31.4 94.0



#60
Dibromochloromethane
Concen: 50.636 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion:129 Resp: 83099
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

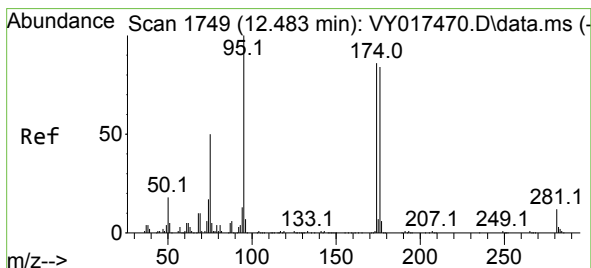
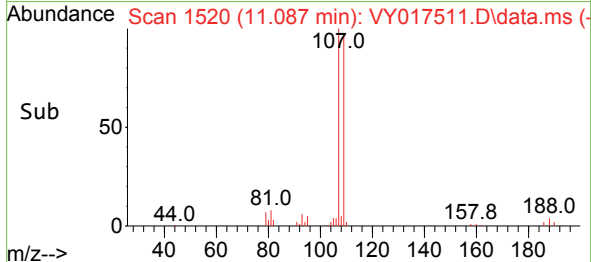
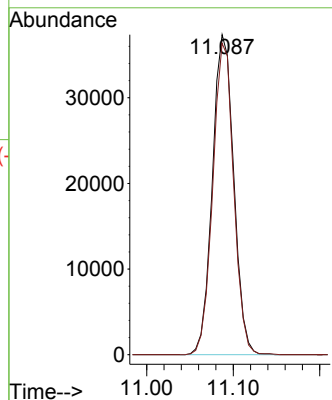
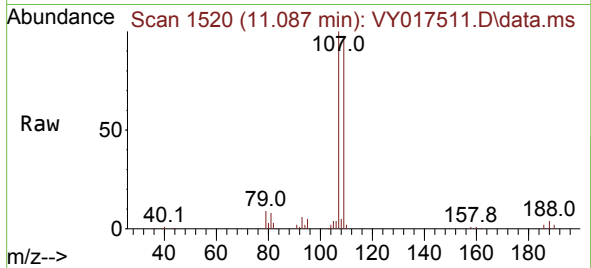




#61
1,2-Dibromoethane
Concen: 50.034 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

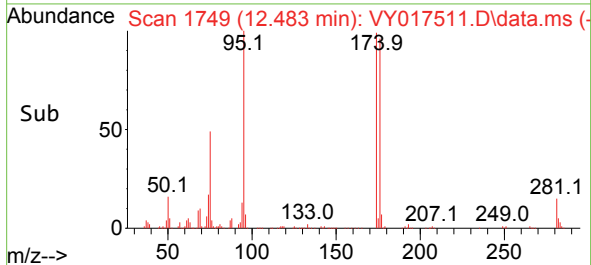
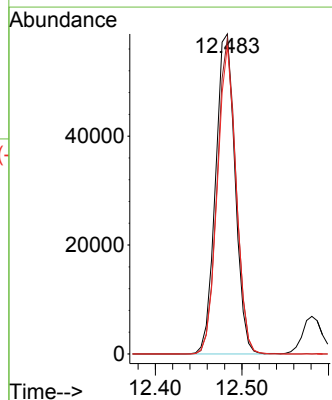
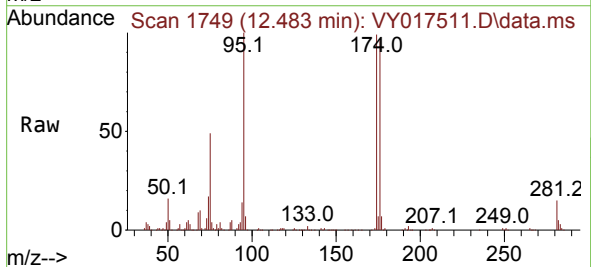
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

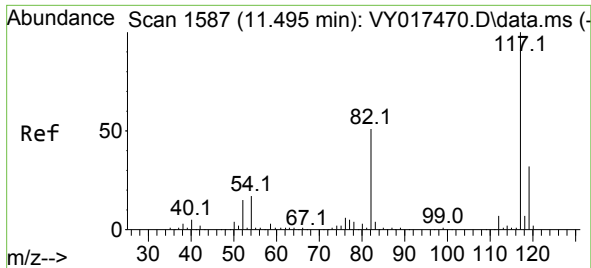
Tgt Ion:107 Resp: 63963
Ion Ratio Lower Upper
107 100
109 95.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.752 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 95 Resp: 92003
Ion Ratio Lower Upper
95 100
174 95.1 0.0 175.6
176 92.6 0.0 171.4

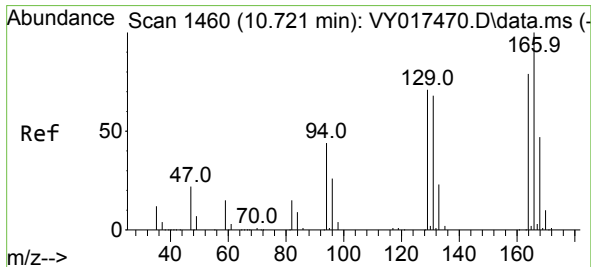
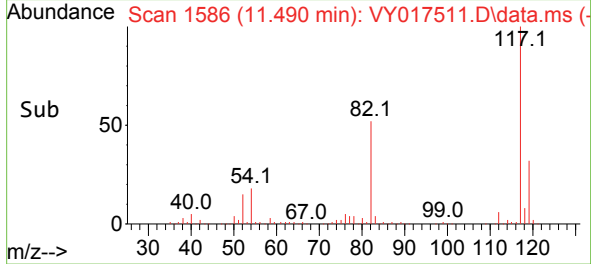
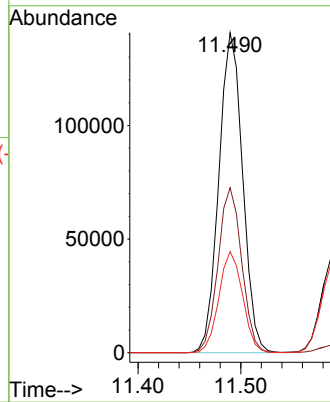
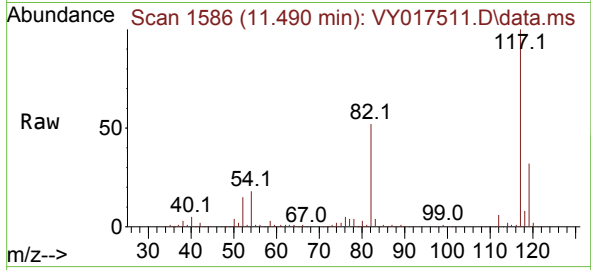




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

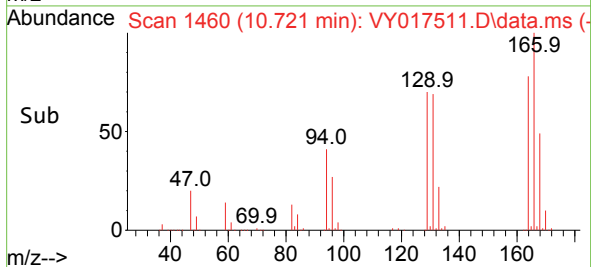
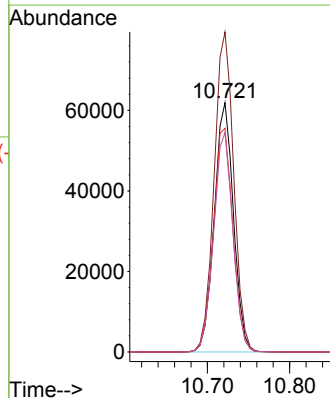
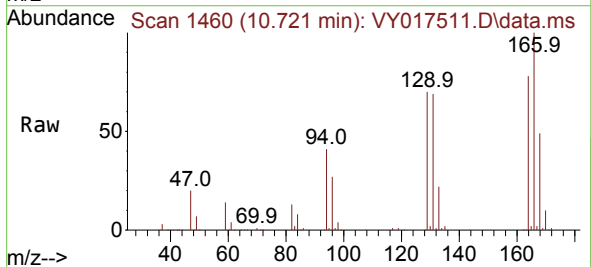
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

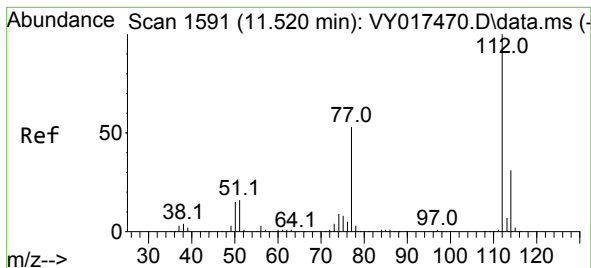
Tgt Ion:117 Resp: 226150
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 46.423 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion:164 Resp: 100767
Ion Ratio Lower Upper
164 100
166 128.4 102.6 154.0
129 89.7 72.0 108.0
131 88.0 70.0 105.0

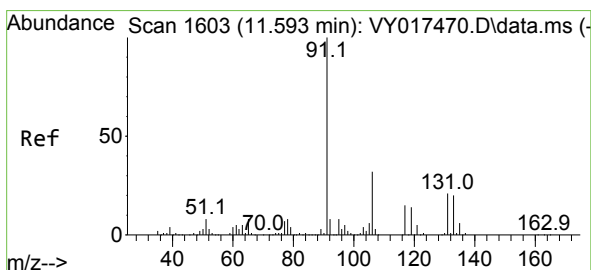
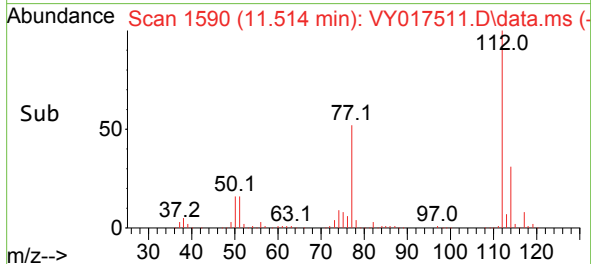
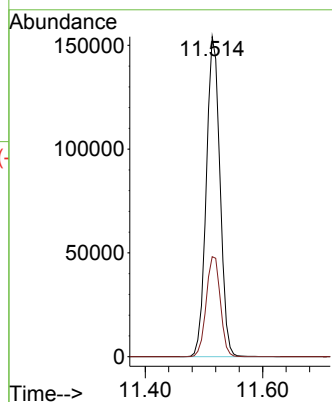
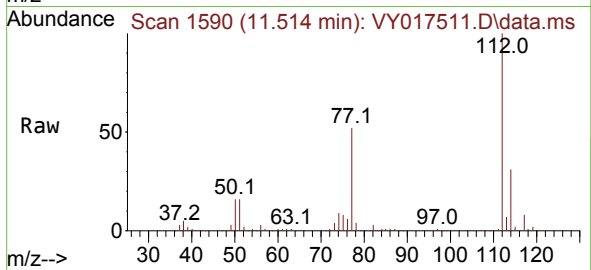




#65
Chlorobenzene
Concen: 51.937 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

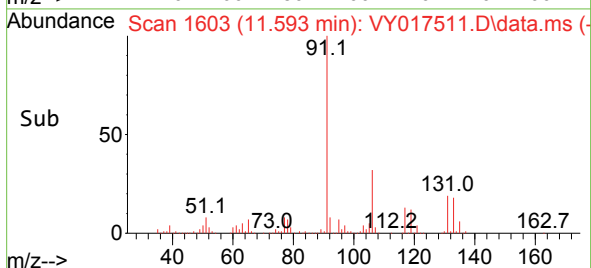
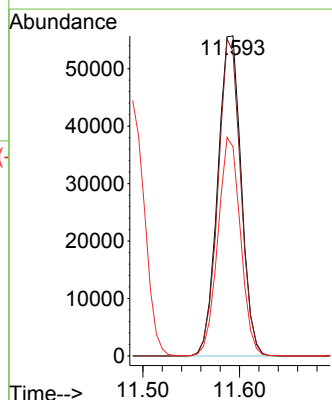
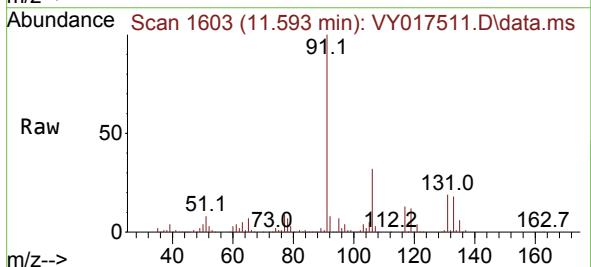
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

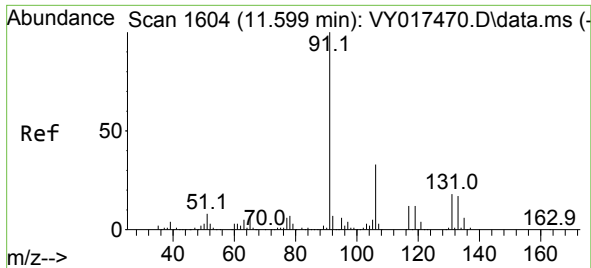
Tgt Ion:112 Resp: 249307
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.076 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion:131 Resp: 93649
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 66.0 34.1 102.2

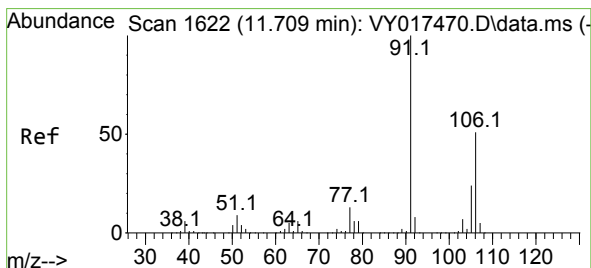
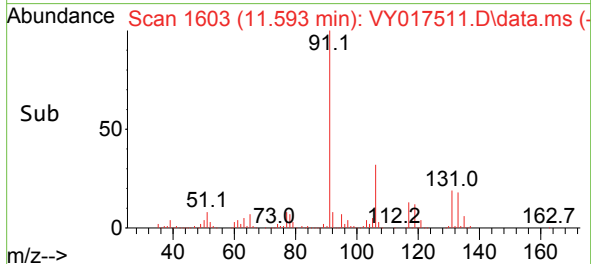
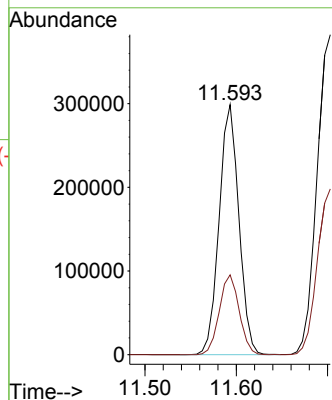
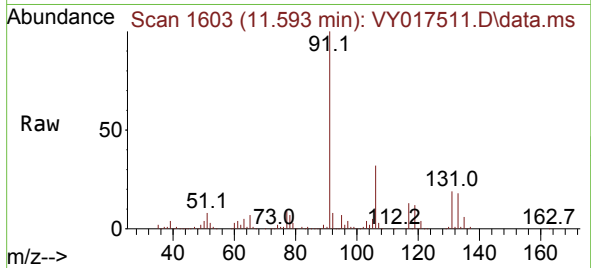




#67
Ethyl Benzene
Concen: 53.316 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

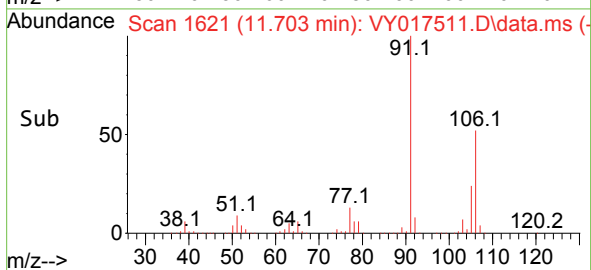
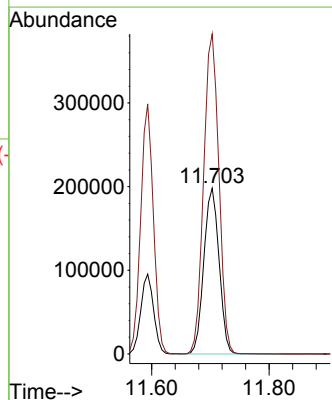
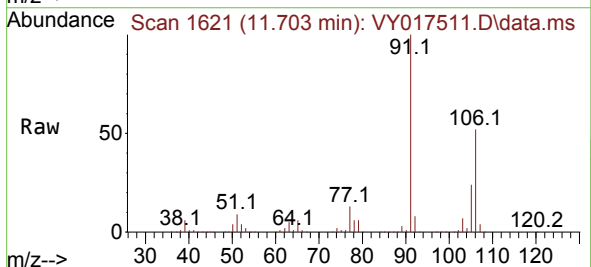
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

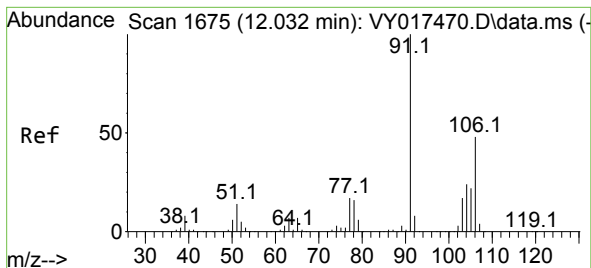
Tgt Ion: 91 Resp: 448833
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7



#68
m/p-Xylenes
Concen: 107.572 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 106 Resp: 355837
Ion Ratio Lower Upper
106 100
91 193.3 156.0 234.0





#69

o-Xylene

Concen: 54.144 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

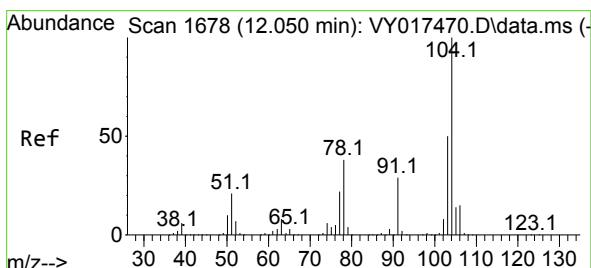
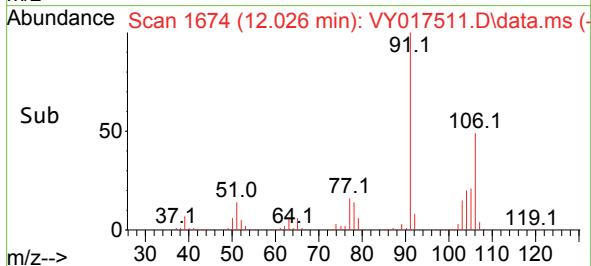
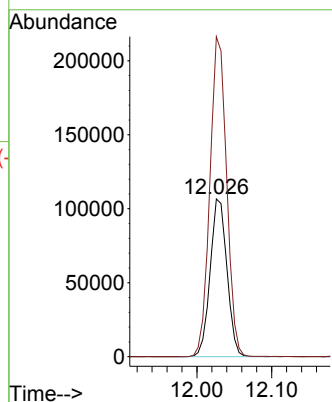
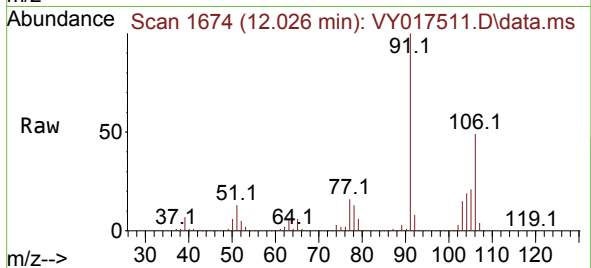
VSTDCCC050

Tgt Ion:106 Resp: 166162

Ion Ratio Lower Upper

106 100

91 202.6 103.6 310.8



#70

Styrene

Concen: 54.008 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

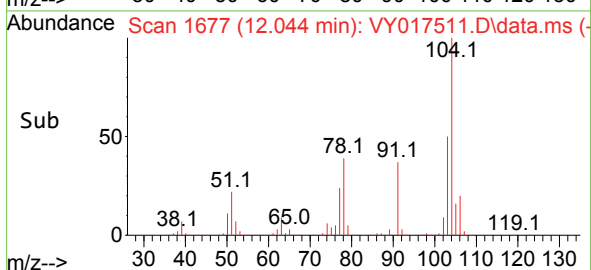
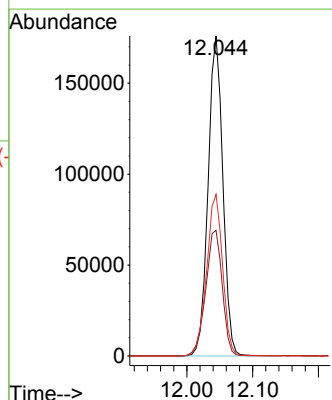
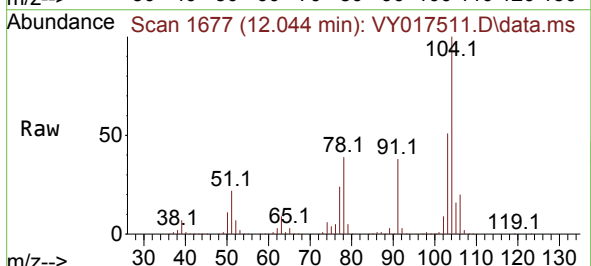
Tgt Ion:104 Resp: 275117

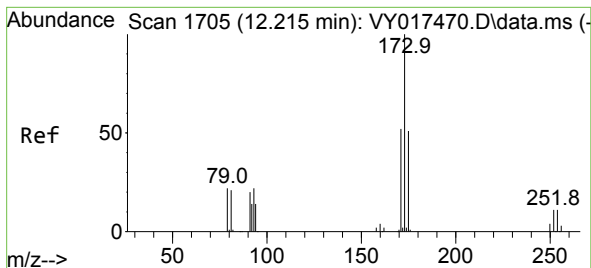
Ion Ratio Lower Upper

104 100

78 44.0 37.0 55.4

103 54.6 44.2 66.2





#71

Bromoform

Concen: 52.396 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

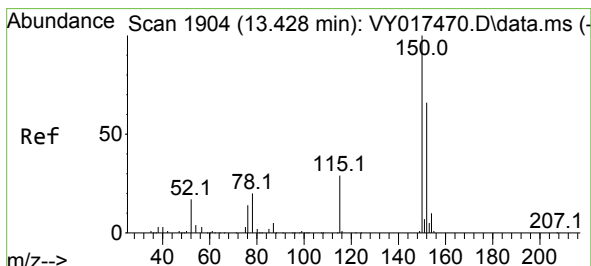
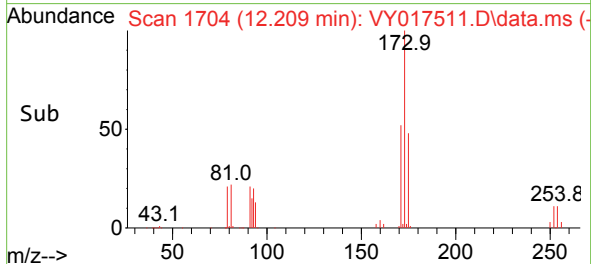
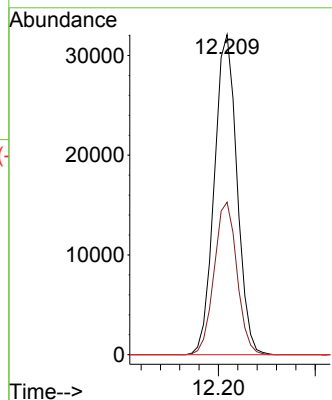
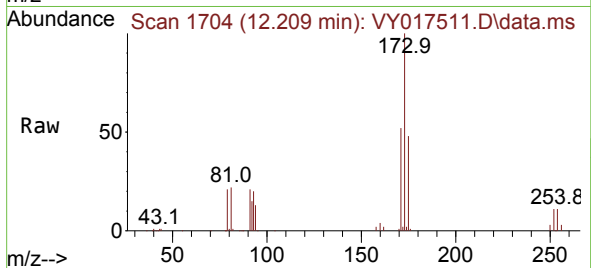
Tgt Ion:173 Resp: 52214

Ion Ratio Lower Upper

173 100

175 48.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

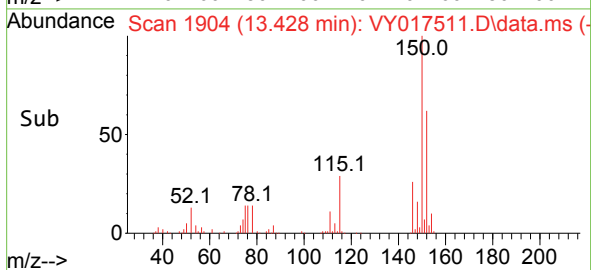
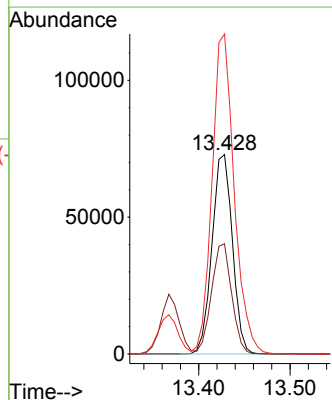
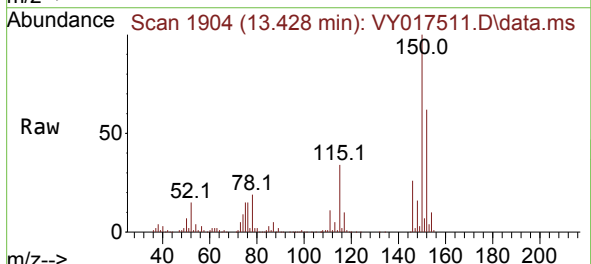
Tgt Ion:152 Resp: 113304

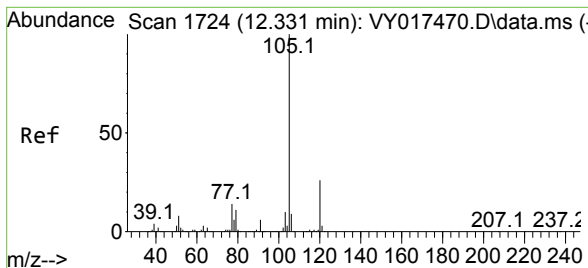
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 174.2 0.0 345.6





#73

Isopropylbenzene

Concen: 51.827 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

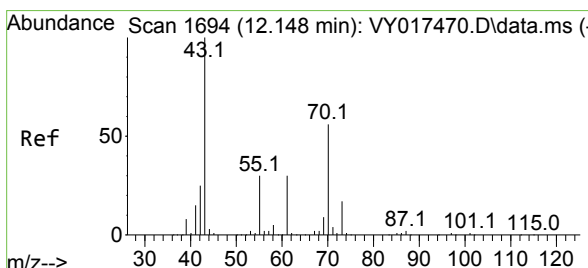
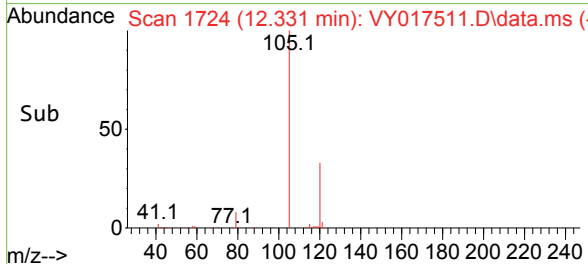
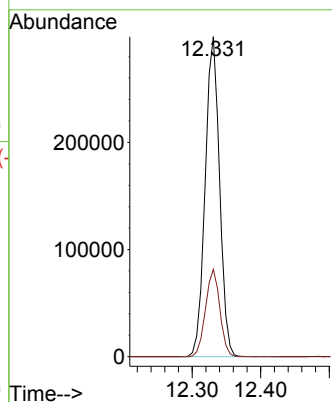
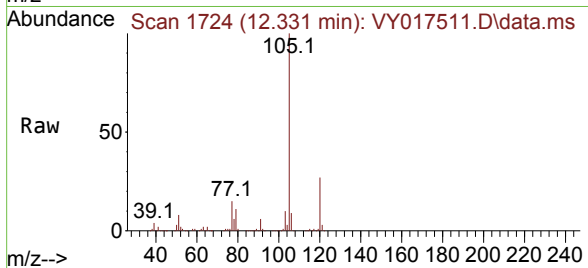
VSTDCCC050

Tgt Ion:105 Resp: 436269

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 50.528 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Tgt Ion: 43 Resp: 75017

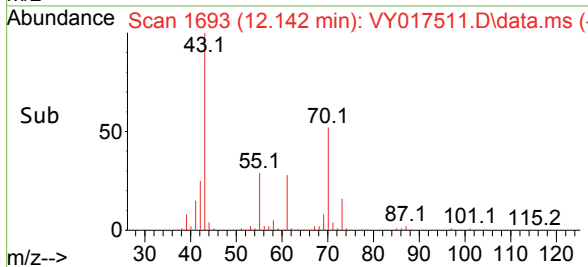
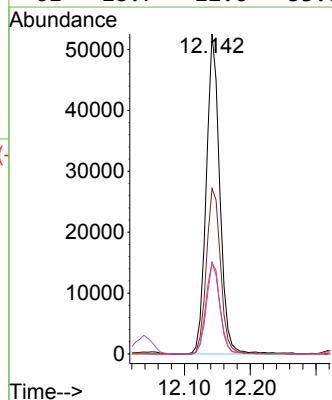
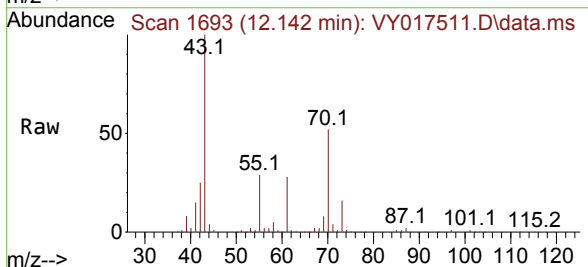
Ion Ratio Lower Upper

43 100

70 54.0 41.4 62.2

55 29.7 23.3 34.9

61 28.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.241 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

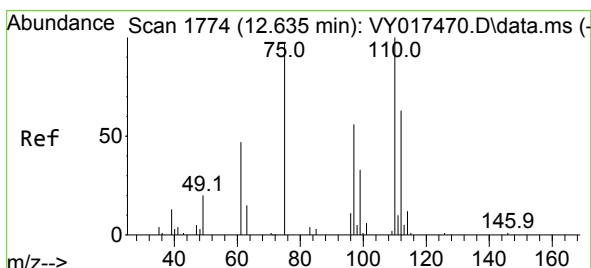
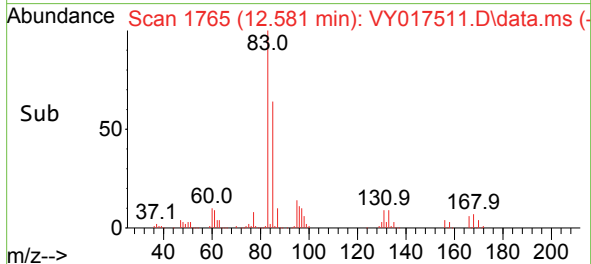
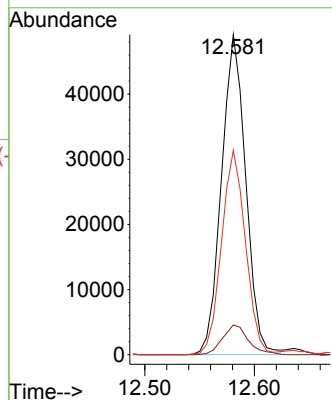
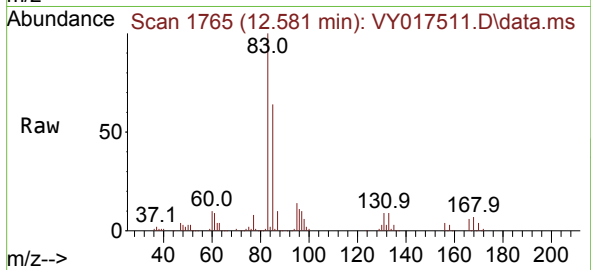
Tgt Ion: 83 Resp: 75515

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 63.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 84.940 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017511.D

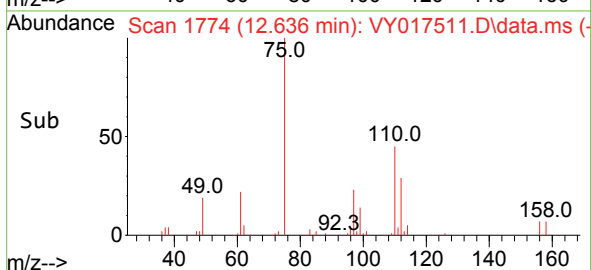
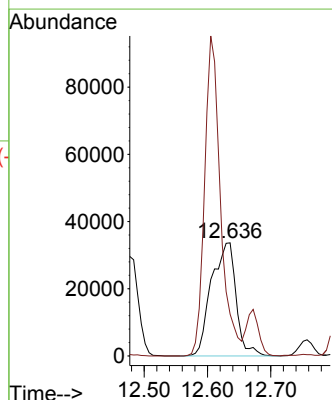
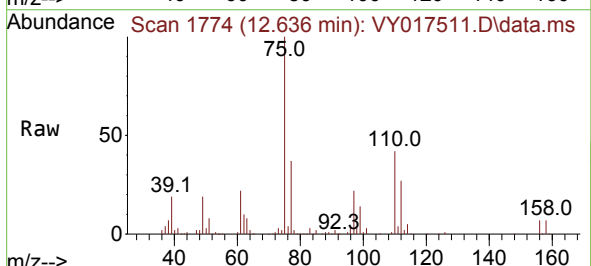
Acq: 28 Feb 2024 10:36

Tgt Ion: 75 Resp: 91443

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.522 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

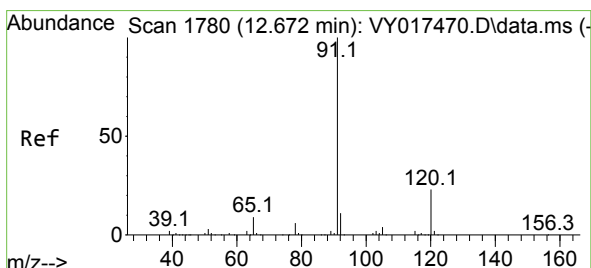
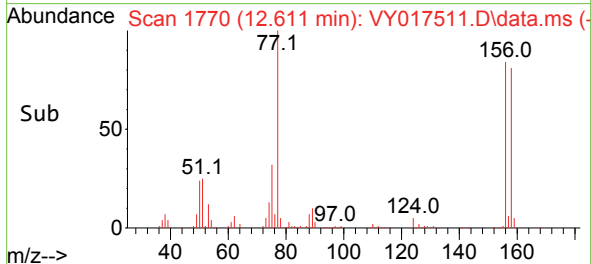
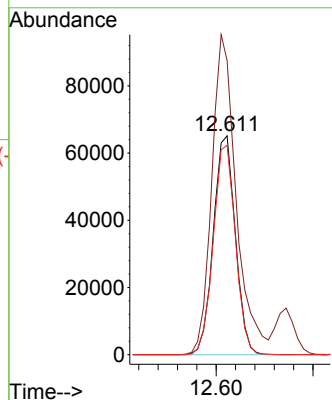
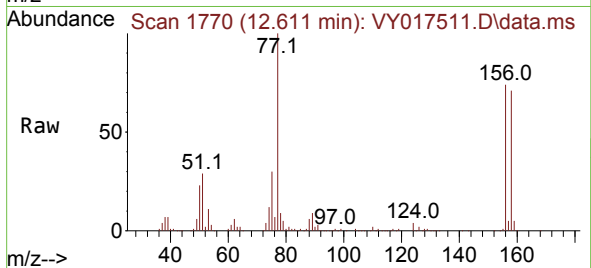
Tgt Ion:156 Resp: 102990

Ion Ratio Lower Upper

156 100

77 162.2 87.1 261.3

158 96.2 48.6 145.9



#78

n-propylbenzene

Concen: 52.510 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017511.D

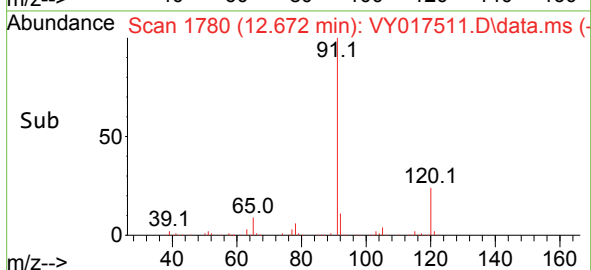
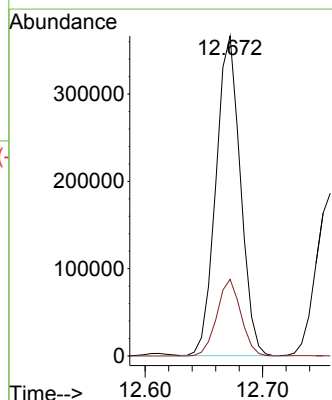
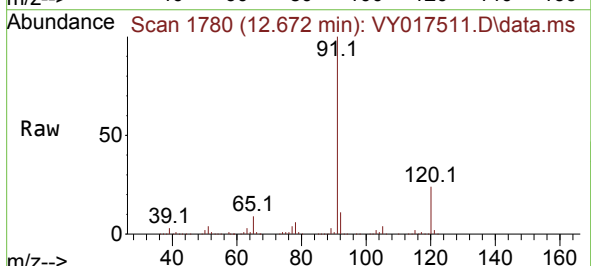
Acq: 28 Feb 2024 10:36

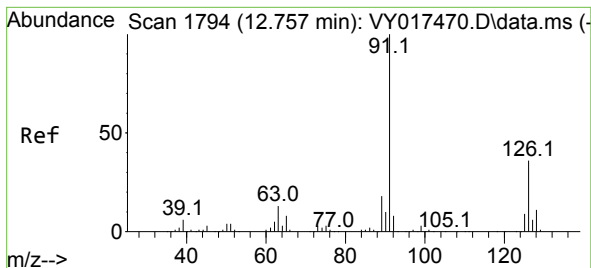
Tgt Ion: 91 Resp: 530372

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.304 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

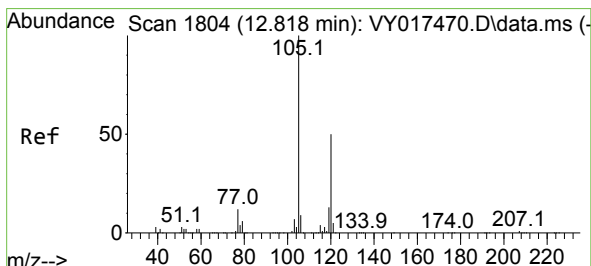
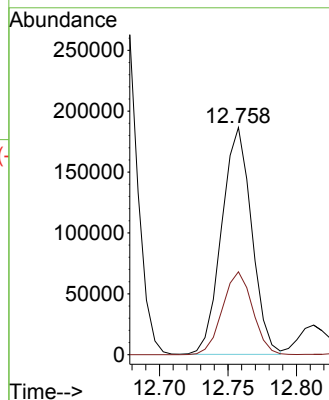
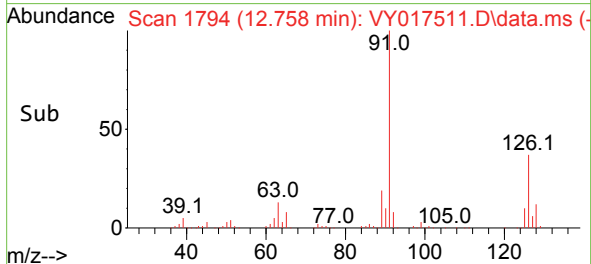
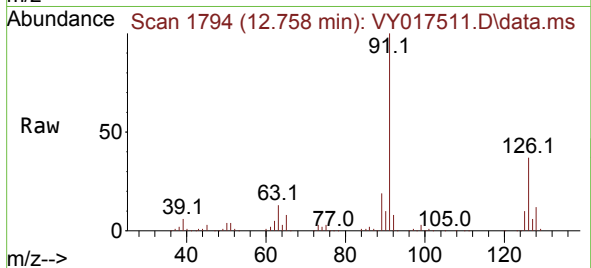
VSTDCCC050

Tgt Ion: 91 Resp: 284468

Ion Ratio Lower Upper

91 100

126 36.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 52.873 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY017511.D

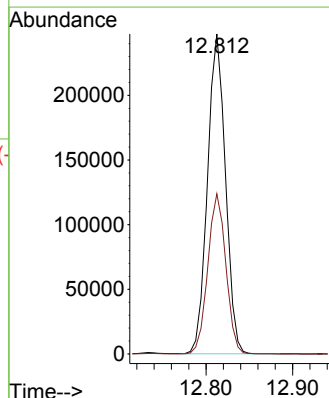
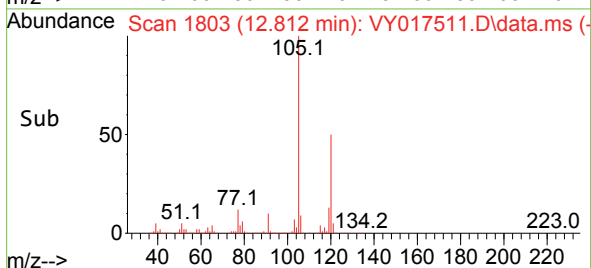
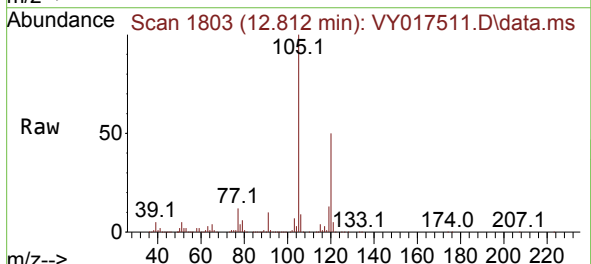
Acq: 28 Feb 2024 10:36

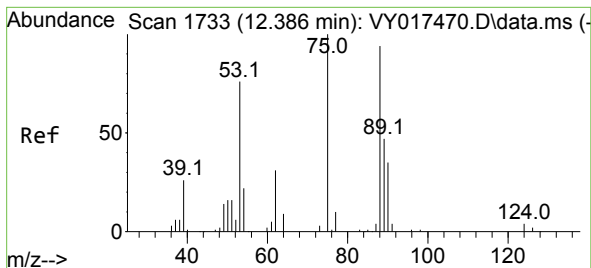
Tgt Ion:105 Resp: 356575

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2

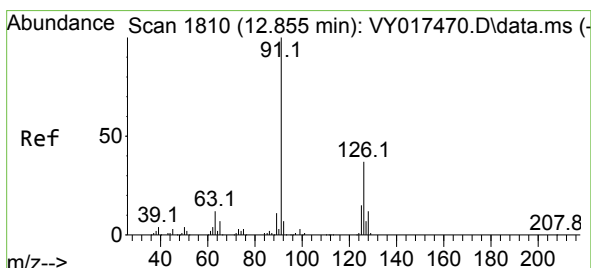
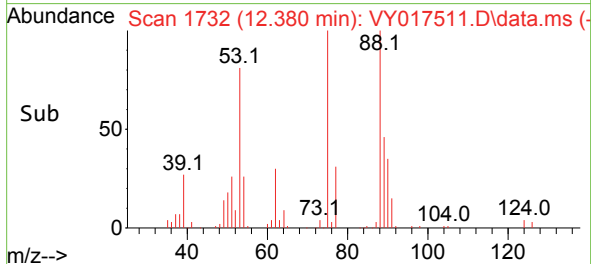
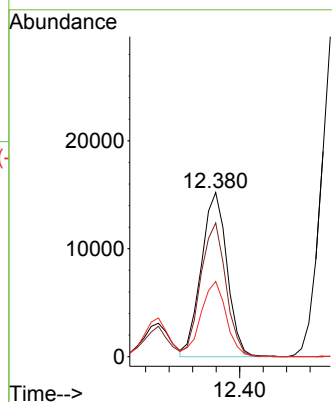
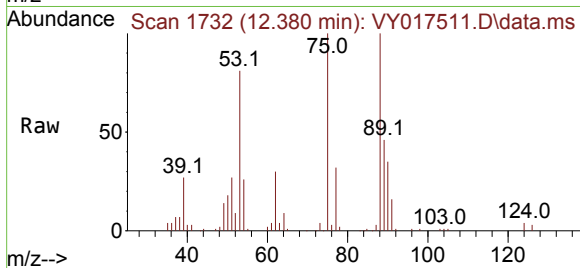




#81
trans-1,4-Dichloro-2-butene
Concen: 49.485 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

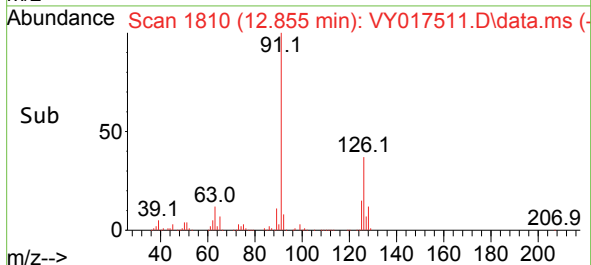
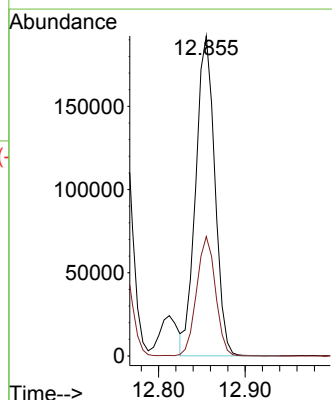
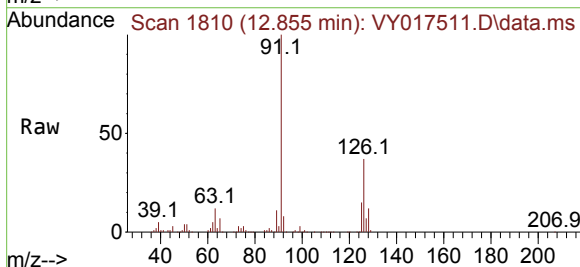
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

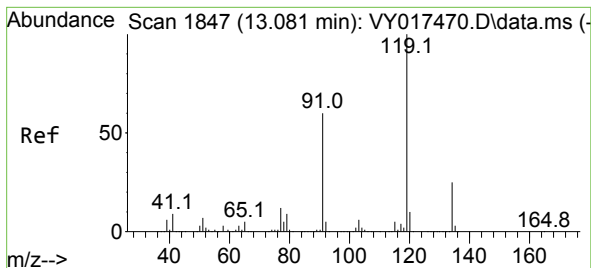
Tgt Ion: 75 Resp: 23185
Ion Ratio Lower Upper
75 100
53 80.1 66.8 100.2
89 45.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 50.715 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion: 91 Resp: 293335
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 53.135 ug/l

RT: 13.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

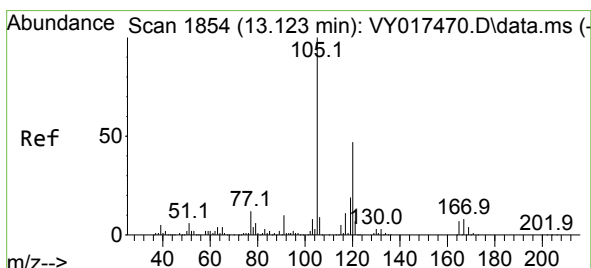
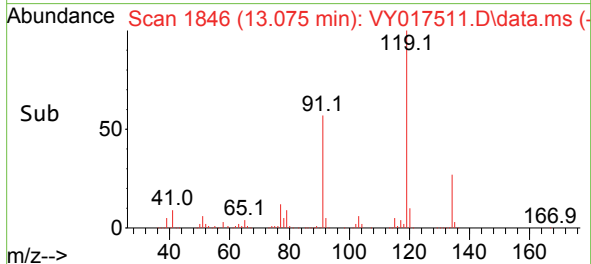
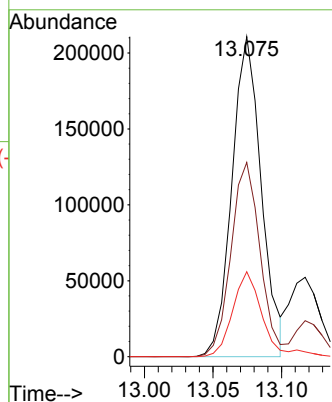
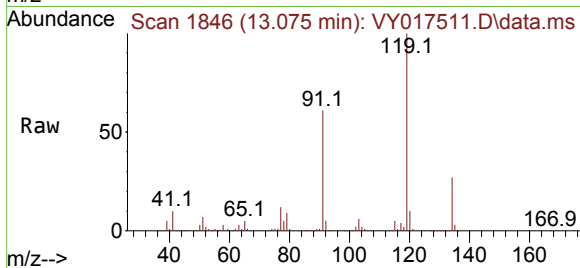
Tgt Ion:119 Resp: 314667

Ion Ratio Lower Upper

119 100

91 59.9 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 52.688 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY017511.D

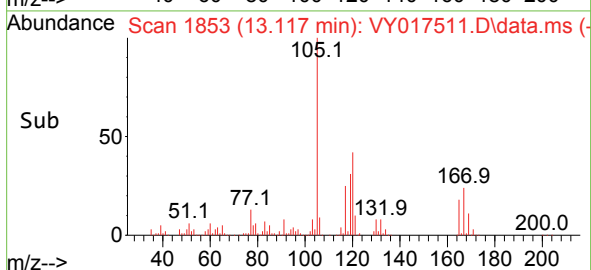
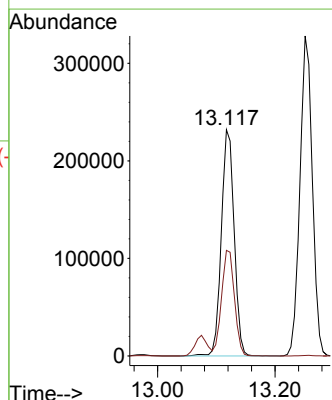
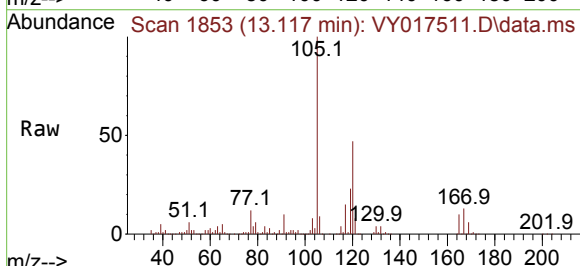
Acq: 28 Feb 2024 10:36

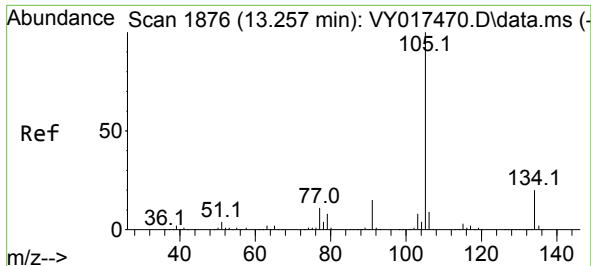
Tgt Ion:105 Resp: 350796

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6

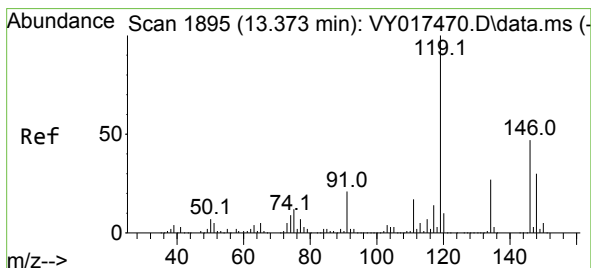
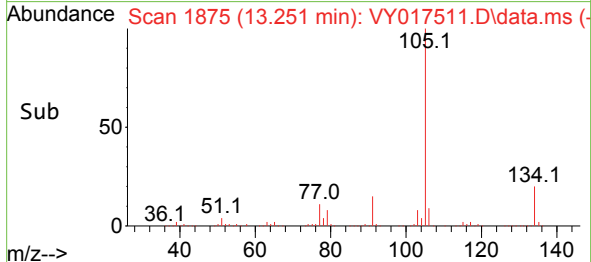
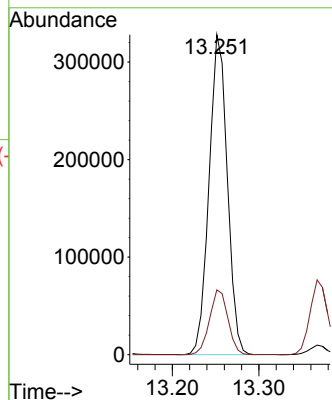
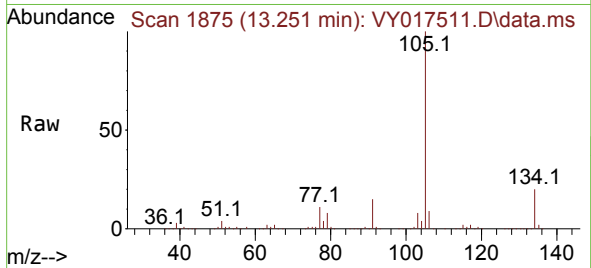




#85
 sec-Butylbenzene
 Concen: 53.093 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY017511.D
 Acq: 28 Feb 2024 10:36

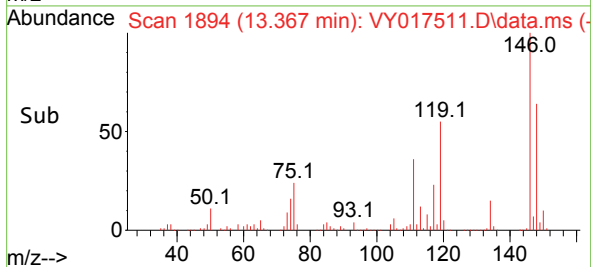
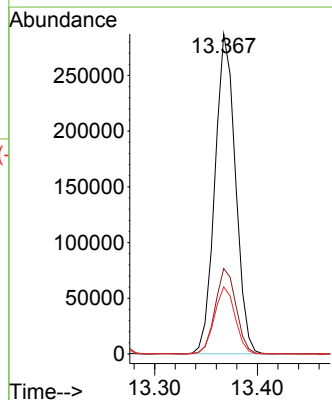
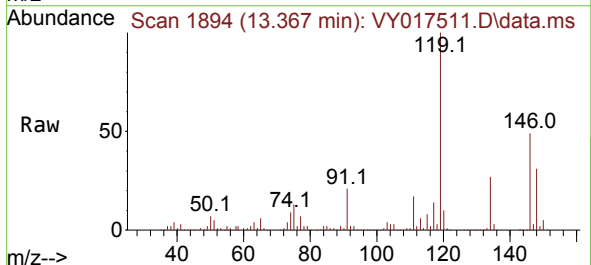
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

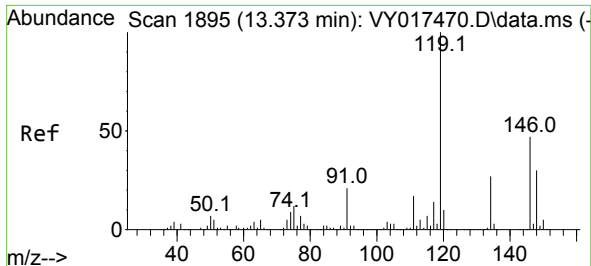
Tgt Ion:105 Resp: 480711
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.684 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY017511.D
 Acq: 28 Feb 2024 10:36

Tgt Ion:119 Resp: 397897
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.327 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

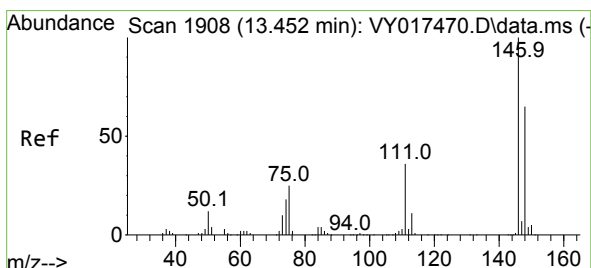
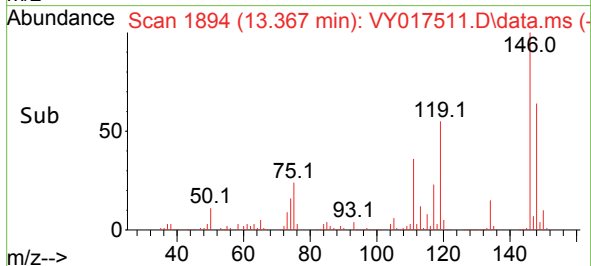
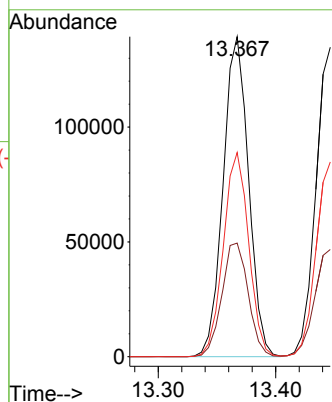
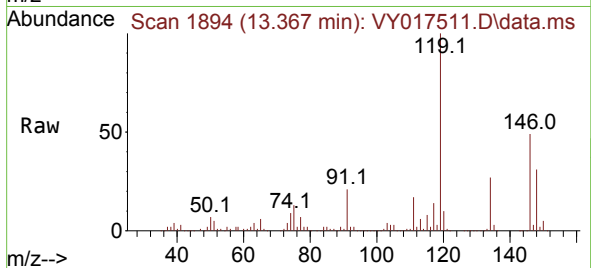
Tgt Ion:146 Resp: 210018

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.204 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

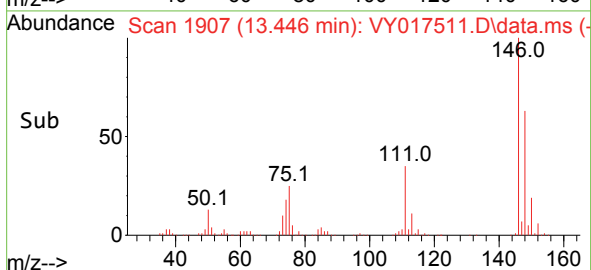
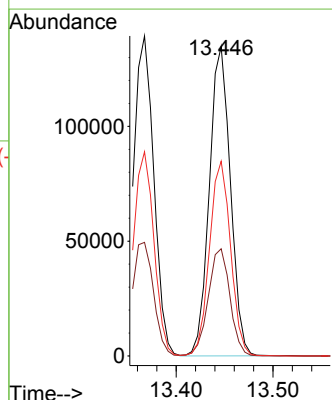
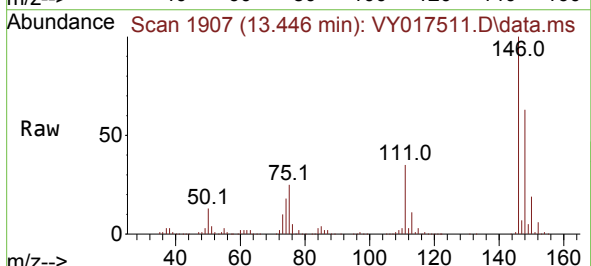
Tgt Ion:146 Resp: 203691

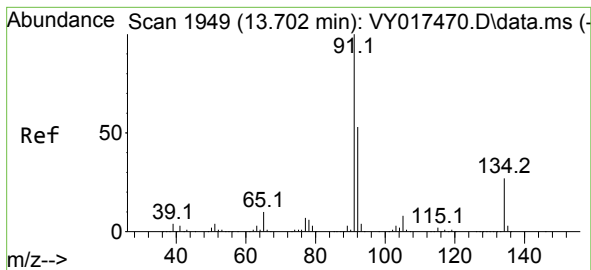
Ion Ratio Lower Upper

146 100

111 35.8 18.4 55.4

148 63.2 32.4 97.2





#89

n-Butylbenzene

Concen: 53.768 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

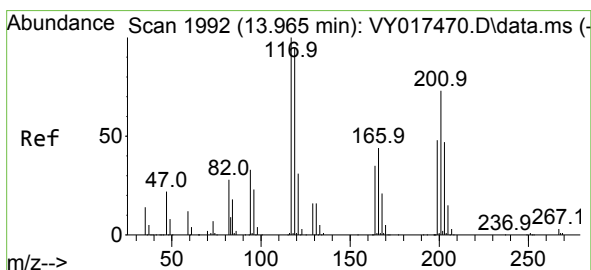
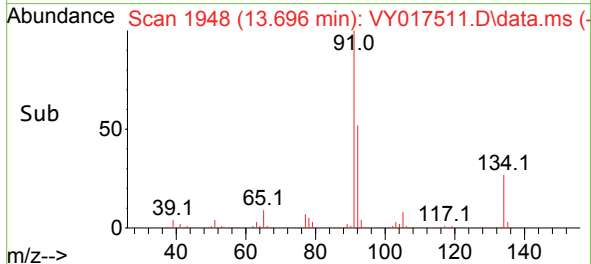
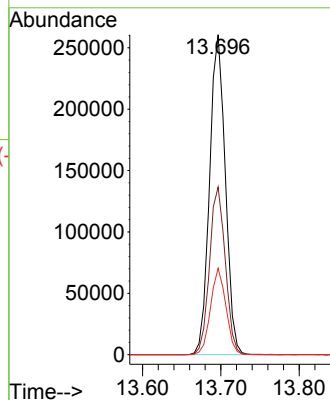
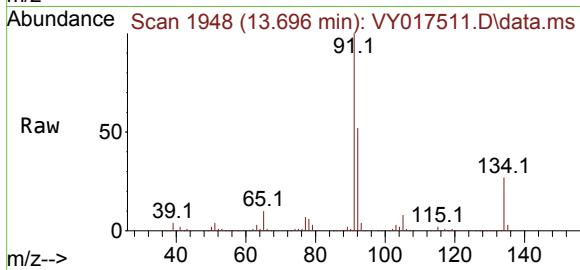
Tgt Ion: 91 Resp: 363591

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 26.4 12.9 38.7



#90

Hexachloroethane

Concen: 51.832 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY017511.D

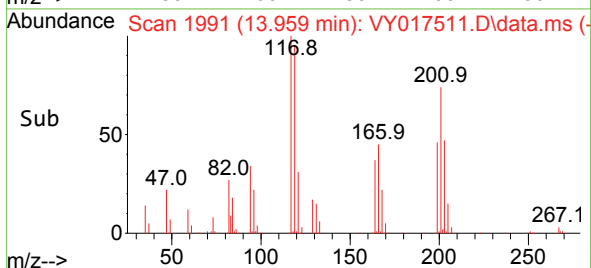
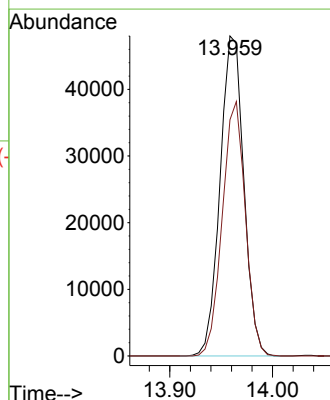
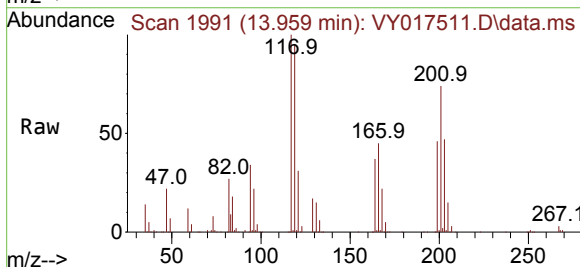
Acq: 28 Feb 2024 10:36

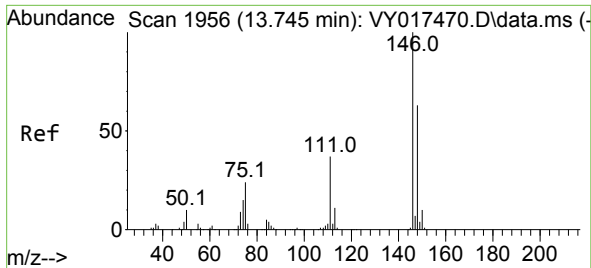
Tgt Ion: 117 Resp: 77018

Ion Ratio Lower Upper

117 100

201 77.2 37.4 112.2

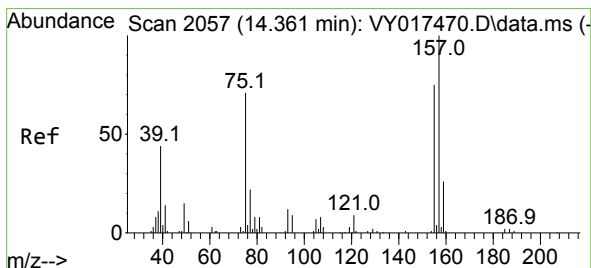
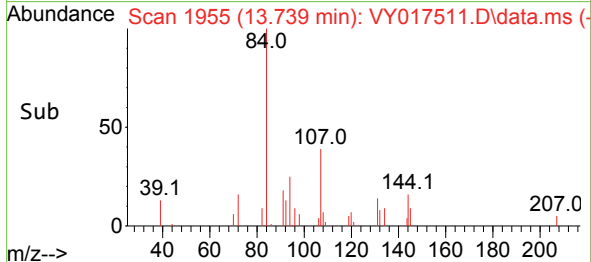
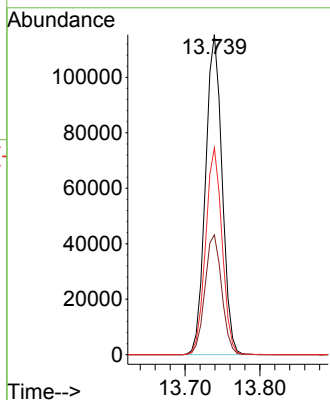
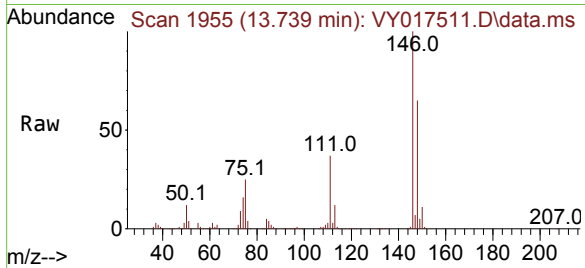




#91
 1,2-Dichlorobenzene
 Concen: 51.427 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: VY017511.D
 Acq: 28 Feb 2024 10:36

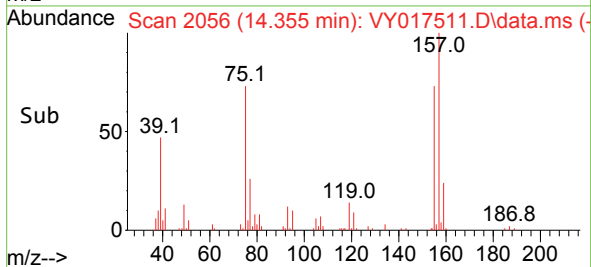
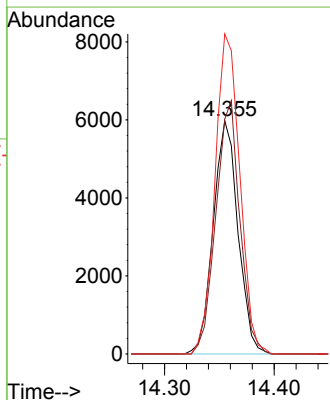
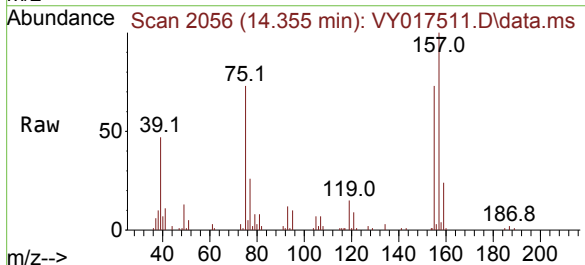
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

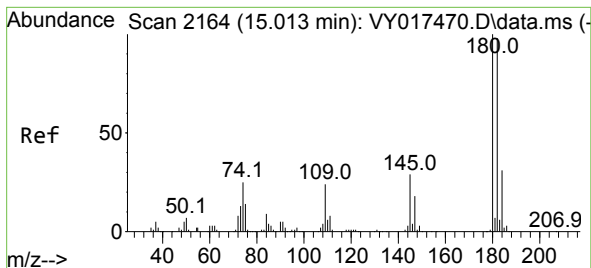
Tgt Ion:146 Resp: 177989
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.9 59.7
 148 64.1 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.124 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: VY017511.D
 Acq: 28 Feb 2024 10:36

Tgt Ion: 75 Resp: 9373
 Ion Ratio Lower Upper
 75 100
 155 105.4 48.6 145.8
 157 137.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 54.691 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

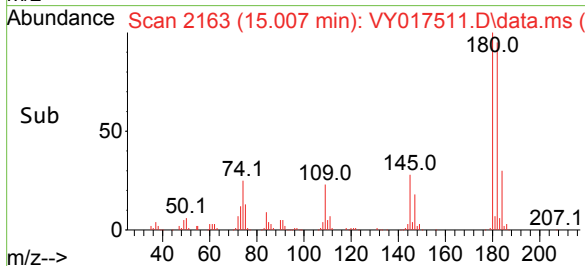
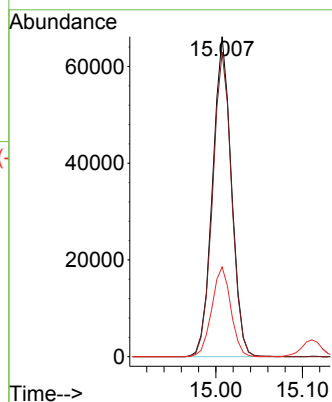
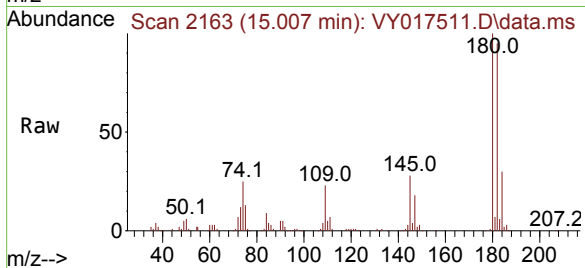
Tgt Ion:180 Resp: 99982

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 28.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.222 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017511.D

Acq: 28 Feb 2024 10:36

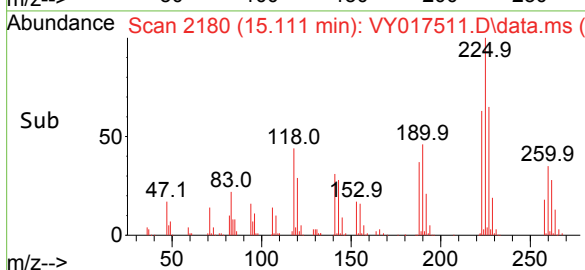
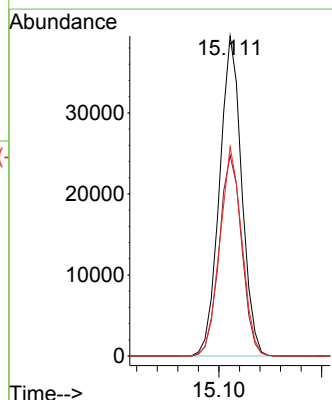
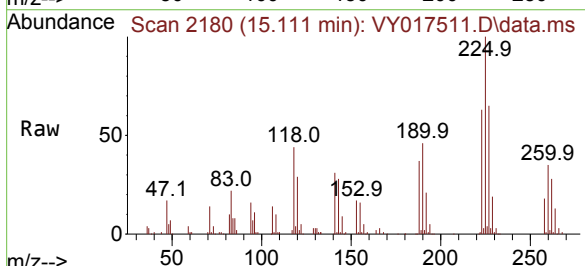
Tgt Ion:225 Resp: 58943

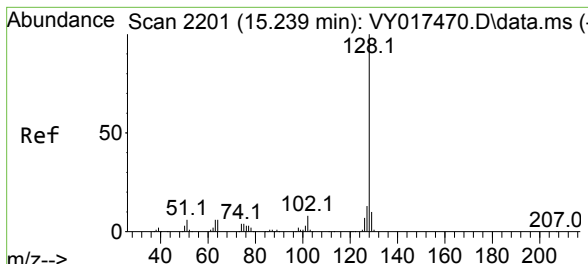
Ion Ratio Lower Upper

225 100

223 63.6 30.4 91.2

227 64.9 31.9 95.9

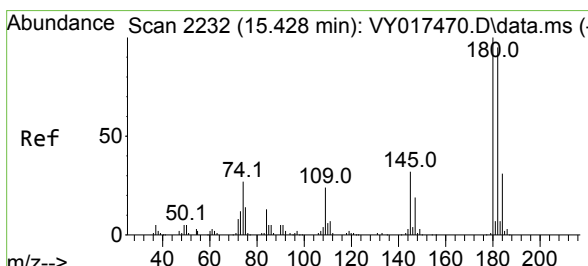
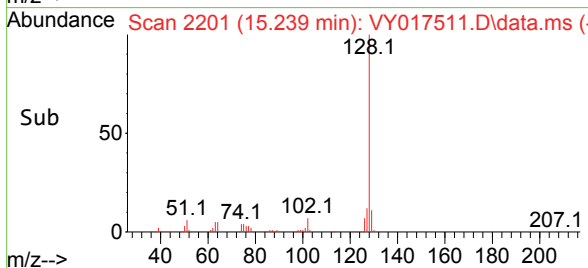
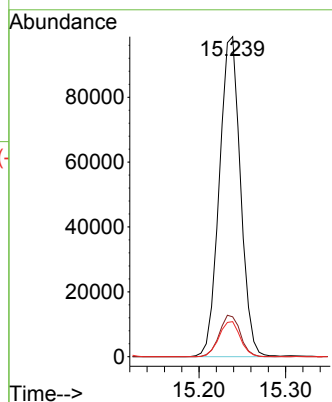
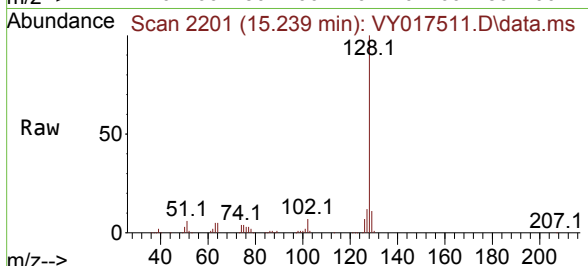




#95
Naphthalene
Concen: 47.457 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 167343
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.019 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY017511.D
Acq: 28 Feb 2024 10:36

Tgt Ion:180 Resp: 84719
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.9
145 29.8 15.4 46.1

