

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016884.D
 Acq On : 27 Dec 2023 17:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 28 03:47:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	123556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	215002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	190144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	68905	61.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.180%	
35) Dibromofluoromethane	7.728	113	70957	57.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.220%	
50) Toluene-d8	10.191	98	253095	57.007	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.020%	
62) 4-Bromofluorobenzene	12.489	95	85855	59.606	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52115	49.356	ug/l	96
3) Chloromethane	2.119	50	91139	56.153	ug/l	99
4) Vinyl Chloride	2.253	62	108056	58.942	ug/l	98
5) Bromomethane	2.656	94	78269	59.943	ug/l	95
6) Chloroethane	2.802	64	73044	58.800	ug/l	98
7) Trichlorofluoromethane	3.131	101	119976	56.178	ug/l	99
8) Diethyl Ether	3.540	74	41838	61.240	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	74126	56.582	ug/l	98
10) Methyl Iodide	4.107	142	68191	49.952	ug/l	99
11) Tert butyl alcohol	4.972	59	30711	332.080	ug/l #	86
12) 1,1-Dichloroethene	3.881	96	67035	57.470	ug/l	98
13) Acrolein	3.735	56	16973	237.868	ug/l	100
14) Allyl chloride	4.497	41	110056	61.601	ug/l	99
15) Acrylonitrile	5.174	53	99908	345.324	ug/l	99
16) Acetone	3.954	43	91188	298.971	ug/l	97
17) Carbon Disulfide	4.210	76	180188	56.774	ug/l	98
18) Methyl Acetate	4.485	43	95727	80.310	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	192053	63.990	ug/l	100
20) Methylene Chloride	4.735	84	88026	58.620	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	79314	59.620	ug/l	96
22) Diisopropyl ether	6.137	45	265189	65.609	ug/l	93
23) Vinyl Acetate	6.076	43	612182	320.236	ug/l	99
24) 1,1-Dichloroethane	6.027	63	149335	61.504	ug/l	99
25) 2-Butanone	7.003	43	136115	324.132	ug/l	98
26) 2,2-Dichloropropane	6.996	77	122318	57.729	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	93240	60.899	ug/l	97
28) Bromochloromethane	7.344	49	55127	57.364	ug/l	98
29) Tetrahydrofuran	7.362	42	84458	367.815	ug/l	98
30) Chloroform	7.521	83	154227	62.048	ug/l	98
31) Cyclohexane	7.801	56	119128	55.124	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	129962	59.566	ug/l	99
36) 1,1-Dichloropropene	7.929	75	113799	57.636	ug/l	99
37) Ethyl Acetate	7.082	43	56417	66.664	ug/l	99
38) Carbon Tetrachloride	7.911	117	111161	56.895	ug/l	98
39) Methylcyclohexane	9.197	83	129546	56.828	ug/l	100
40) Benzene	8.173	78	339702	59.123	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	28912	64.345	ug/l	87
42) 1,2-Dichloroethane	8.246	62	94209	62.848	ug/l	100
43) Isopropyl Acetate	8.283	43	106653	64.887	ug/l	99
44) Trichloroethene	8.953	130	84585	57.679	ug/l	97
45) 1,2-Dichloropropane	9.228	63	88894	61.677	ug/l	97
46) Dibromomethane	9.313	93	46425	62.352	ug/l	98
47) Bromodichloromethane	9.508	83	121007	61.661	ug/l	97
48) Methyl methacrylate	9.301	41	60922	66.691	ug/l	98
49) 1,4-Dioxane	9.313	88	11004	1522.689	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	302543	345.462	ug/l	99
52) Toluene	10.252	92	211333	61.377	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	112130	62.662	ug/l	95
54) cis-1,3-Dichloropropene	9.941	75	133791	61.986	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	67838	63.859	ug/l	98
56) Ethyl methacrylate	10.520	69	62578	66.990	ug/l	98
57) 1,3-Dichloropropane	10.801	76	113484	62.894	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	163715	325.787	ug/l	99
59) 2-Hexanone	10.843	43	211162	323.362	ug/l	99
60) Dibromochloromethane	10.996	129	78673	64.019	ug/l	98
61) 1,2-Dibromoethane	11.099	107	60396	63.396	ug/l	99
64) Tetrachloroethene	10.727	164	66043	55.913	ug/l	97
65) Chlorobenzene	11.526	112	218359	58.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	82799	58.907	ug/l	98
67) Ethyl Benzene	11.599	91	404380	58.810	ug/l	99
68) m/p-Xylenes	11.709	106	301298	118.661	ug/l	99
69) o-Xylene	12.038	106	142597	61.215	ug/l	99
70) Styrene	12.050	104	215670	62.568	ug/l	99
71) Bromoform	12.215	173	43932	62.692	ug/l #	99
73) Isopropylbenzene	12.337	105	381260	56.572	ug/l	100
74) N-amyl acetate	12.148	43	86091	60.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	78909	58.592	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	94628	98.922	ug/l #	100
77) Bromobenzene	12.617	156	83046	56.484	ug/l	97
78) n-propylbenzene	12.678	91	468117	57.330	ug/l	99
79) 2-Chlorotoluene	12.764	91	256690	56.812	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	309727	58.058	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	23470	57.619	ug/l	99
82) 4-Chlorotoluene	12.861	91	265025	57.176	ug/l	100
83) tert-Butylbenzene	13.081	119	261970	56.454	ug/l	96
84) 1,2,4-Trimethylbenzene	13.130	105	308272	58.602	ug/l	99
85) sec-Butylbenzene	13.258	105	396530	57.692	ug/l	100
86) p-Isopropyltoluene	13.373	119	331804	57.968	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	164011	57.082	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	160039	57.042	ug/l	99
89) n-Butylbenzene	13.703	91	316503	57.844	ug/l	100
90) Hexachloroethane	13.965	117	67203	56.383	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	144270	58.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10424	59.710	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	74025	56.994	ug/l	98
94) Hexachlorobutadiene	15.117	225	40945	55.503	ug/l	99
95) Naphthalene	15.239	128	147035	52.402	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	62872	56.837	ug/l	98

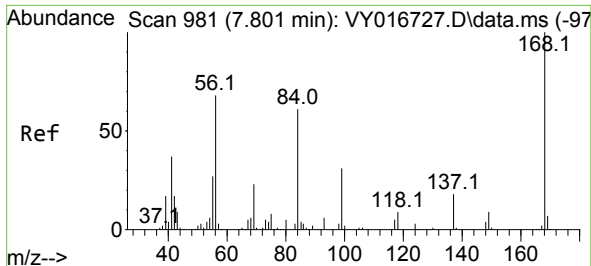
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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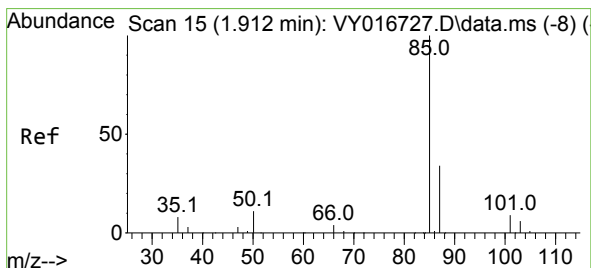
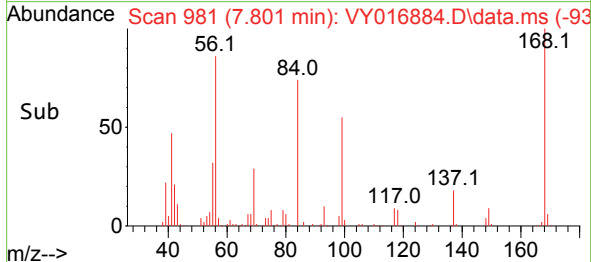
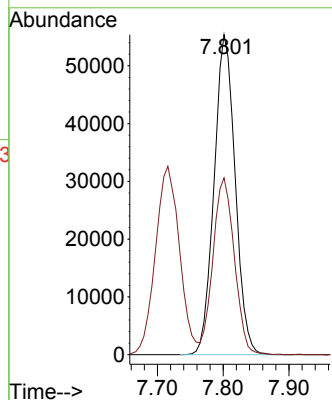
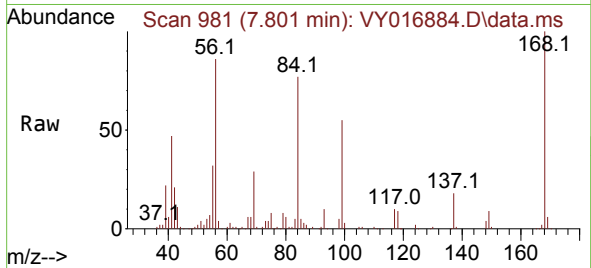
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
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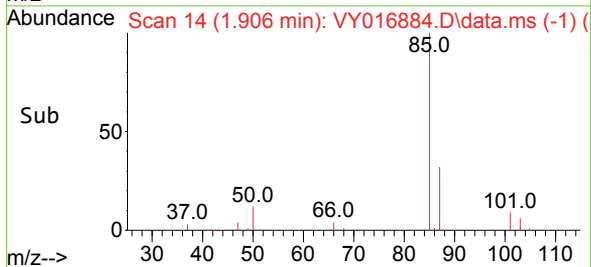
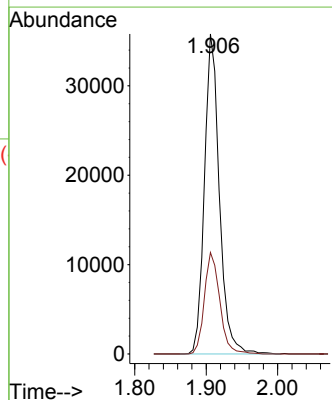
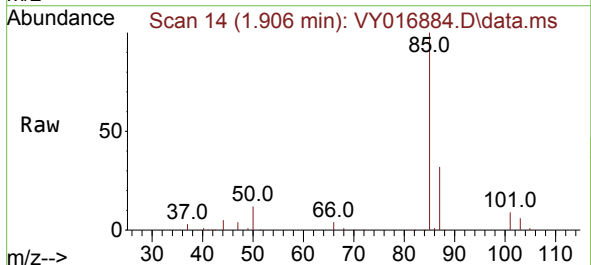
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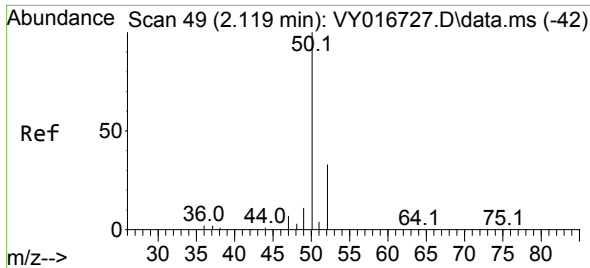
Tgt Ion:168 Resp: 123556
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 49.356 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 85 Resp: 52115
Ion Ratio Lower Upper
85 100
87 31.7 17.1 51.3

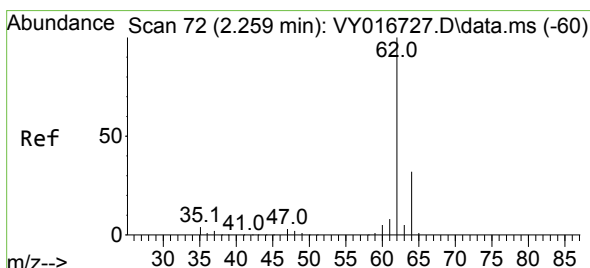
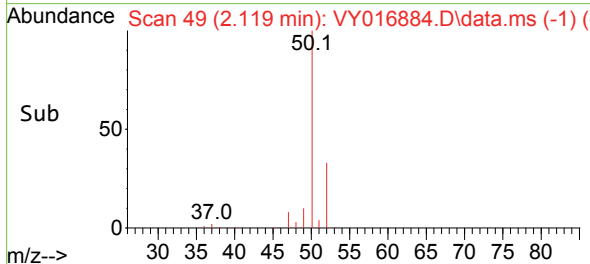
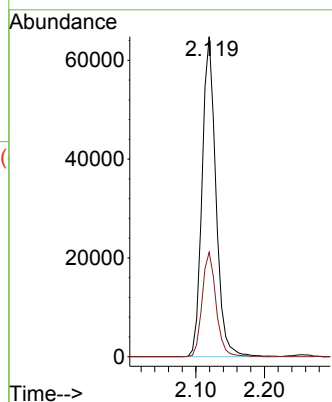
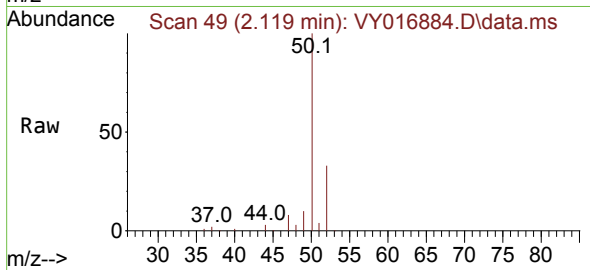




#3
Chloromethane
Concen: 56.153 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

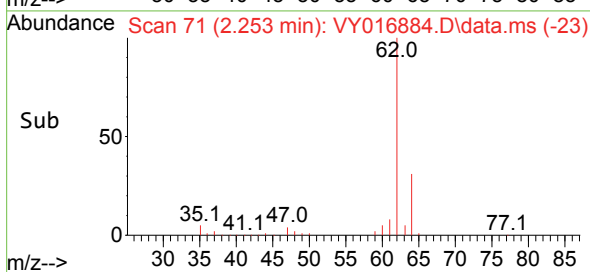
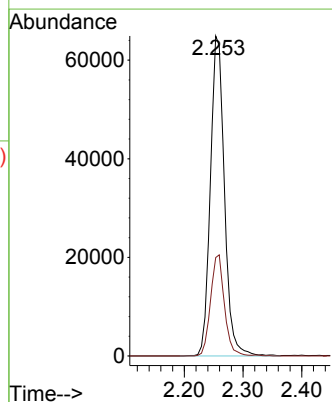
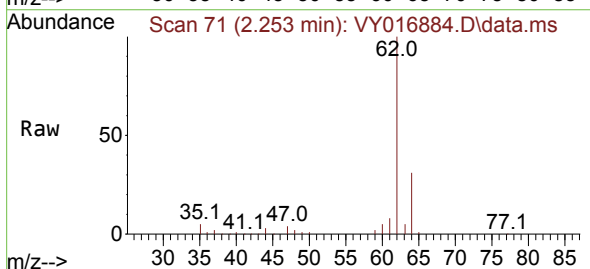
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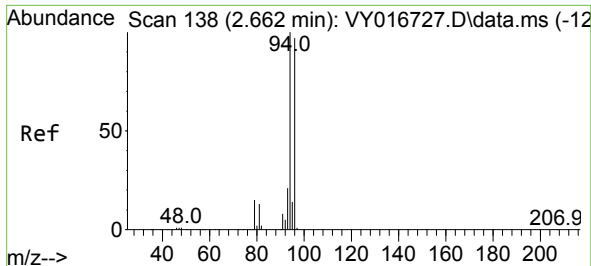
Tgt Ion: 50 Resp: 91139
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1



#4
Vinyl Chloride
Concen: 58.942 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 62 Resp: 108056
Ion Ratio Lower Upper
62 100
64 30.7 25.7 38.5

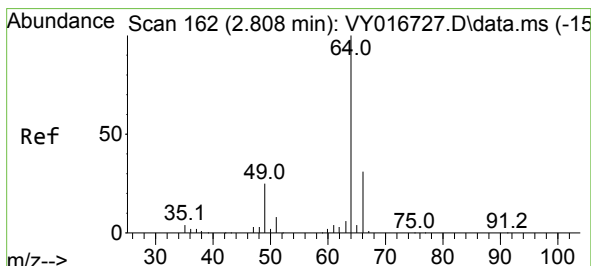
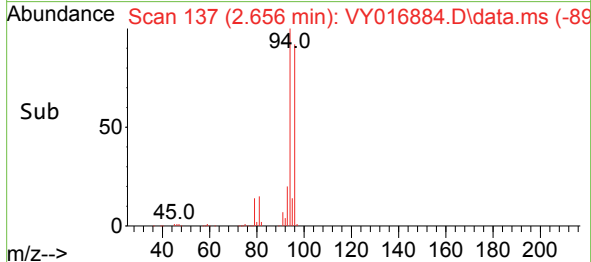
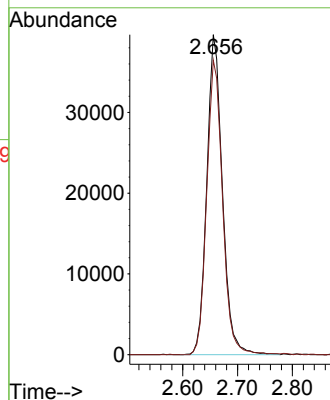
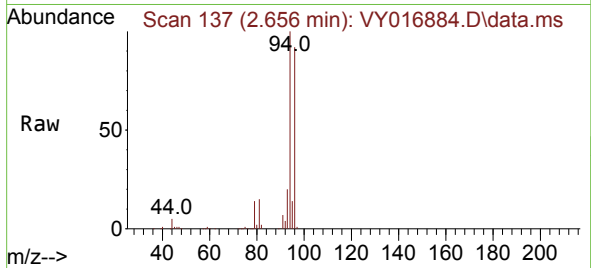




#5
Bromomethane
Concen: 59.943 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

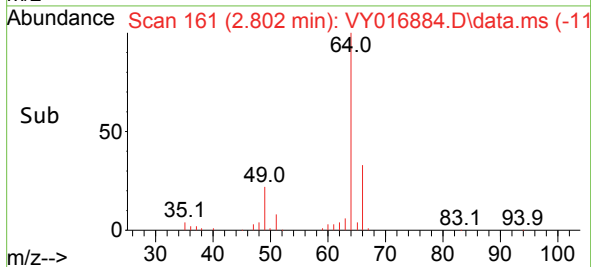
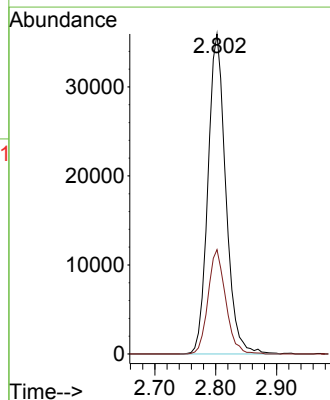
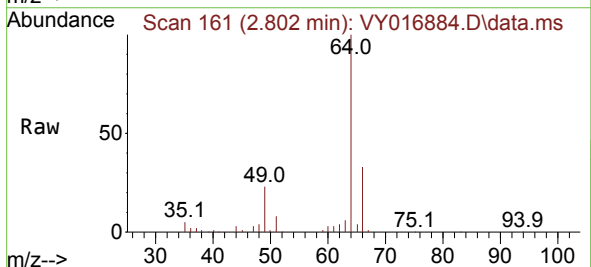
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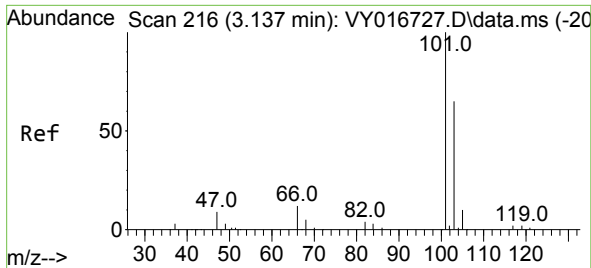
Tgt Ion: 94 Resp: 78269
Ion Ratio Lower Upper
94 100
96 92.0 77.3 115.9



#6
Chloroethane
Concen: 58.800 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 64 Resp: 73044
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7

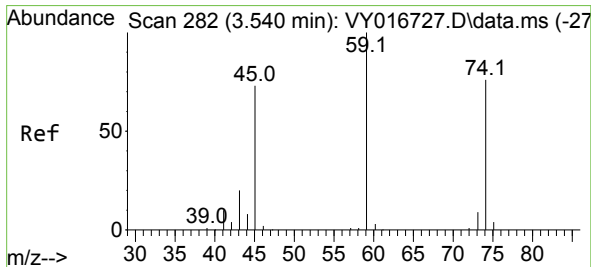
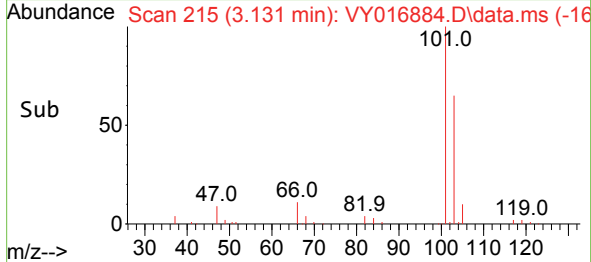
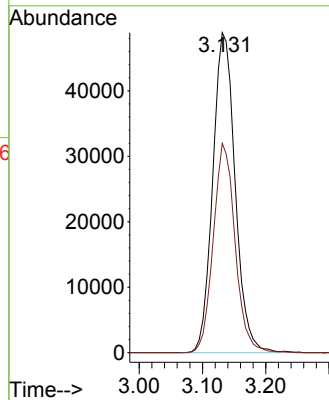
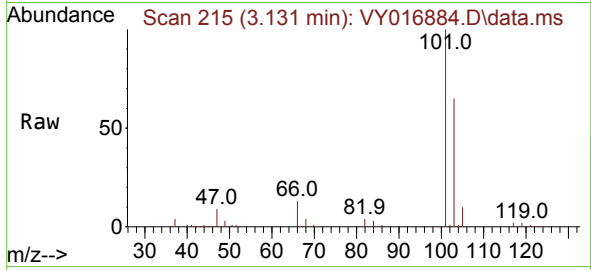




#7
Trichlorofluoromethane
Concen: 56.178 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY016884.D
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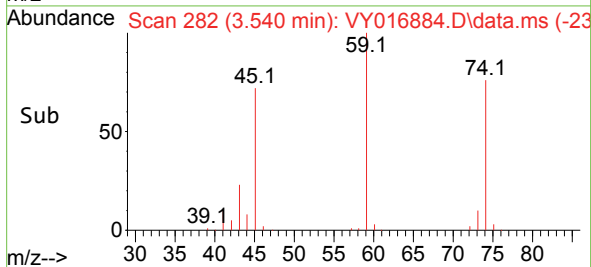
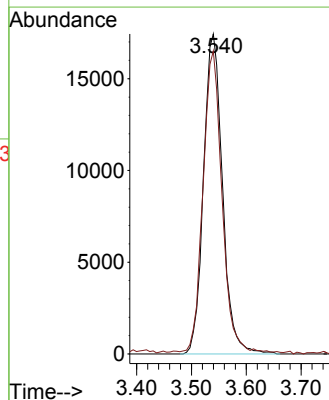
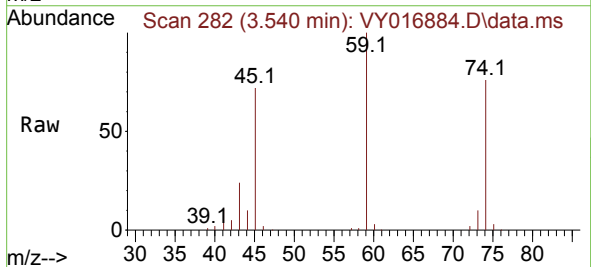
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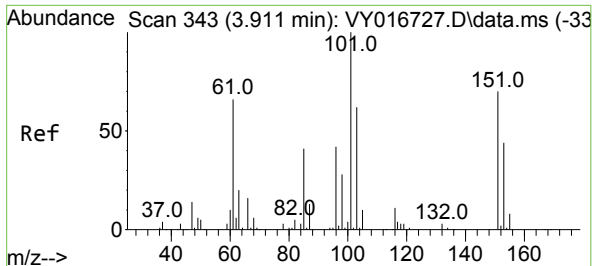
Tgt Ion:101 Resp: 119976
Ion Ratio Lower Upper
101 100
103 65.4 51.9 77.9



#8
Diethyl Ether
Concen: 61.240 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 74 Resp: 41838
Ion Ratio Lower Upper
74 100
45 94.3 47.9 143.7

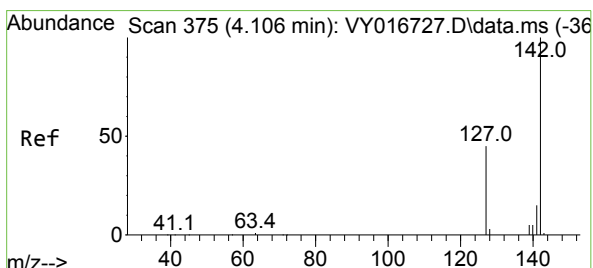
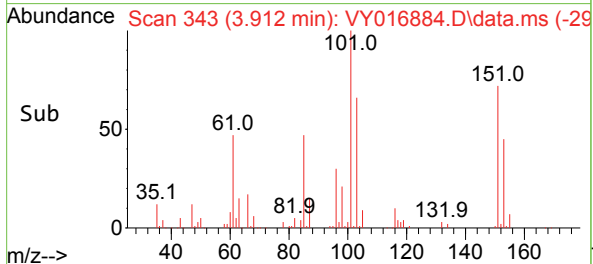
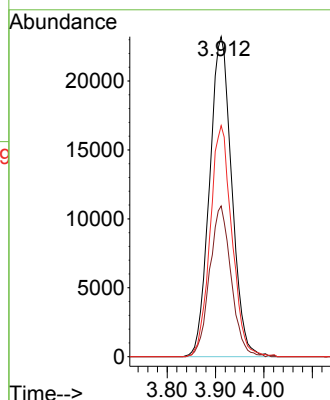
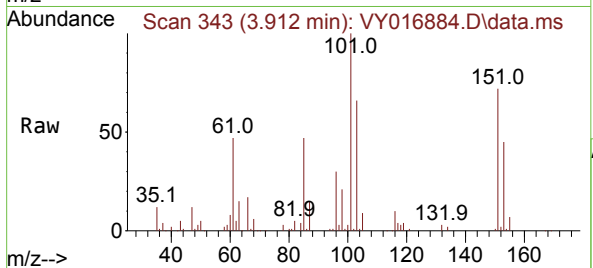




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.582 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016884.D
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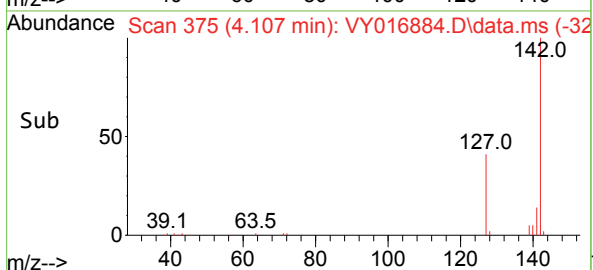
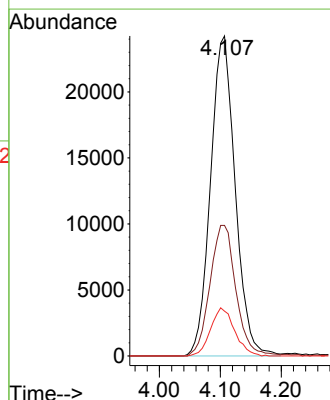
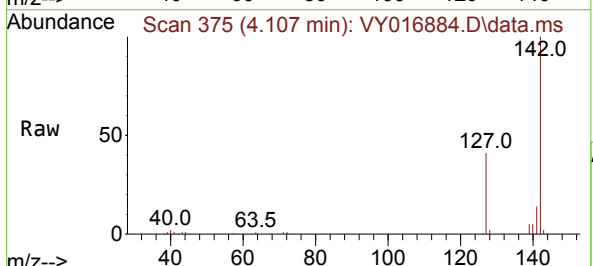
Instrument :
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ClientSampleId :
VSTDCCC050EC

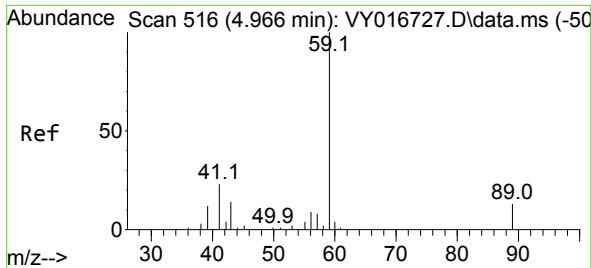
Tgt Ion:	101	Resp:	74126
Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.8	53.6
151	70.9	58.6	88.0



#10
Methyl Iodide
Concen: 49.952 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion:	142	Resp:	68191
Ion	Ratio	Lower	Upper
142	100		
127	43.2	35.1	52.7
141	14.7	11.8	17.6

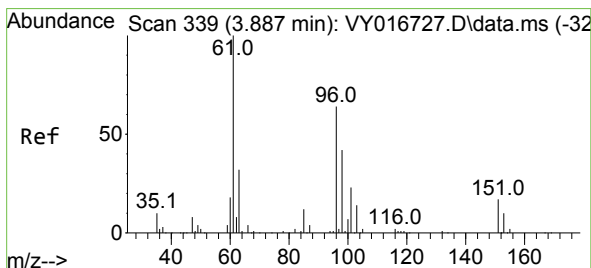
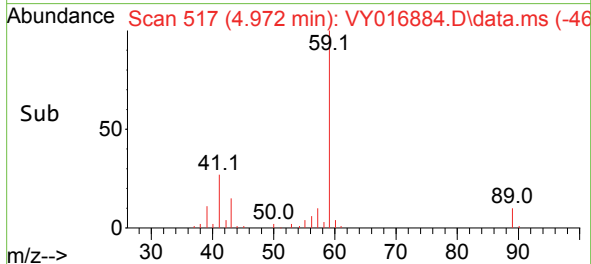
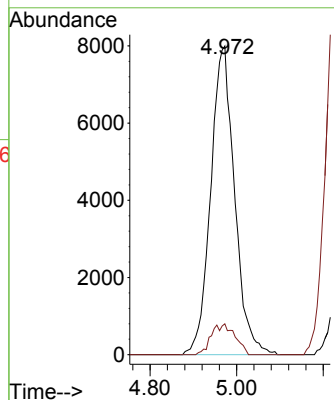
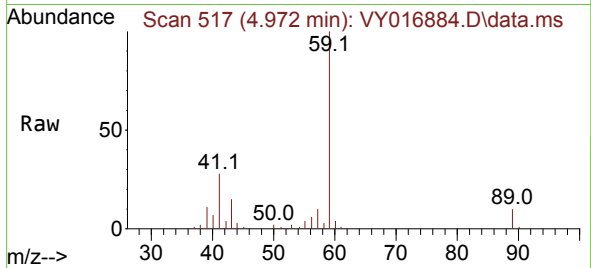




#11
Tert butyl alcohol
Concen: 332.080 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

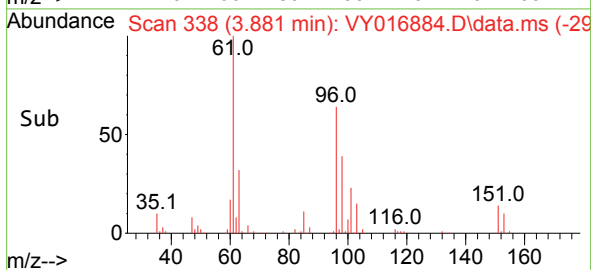
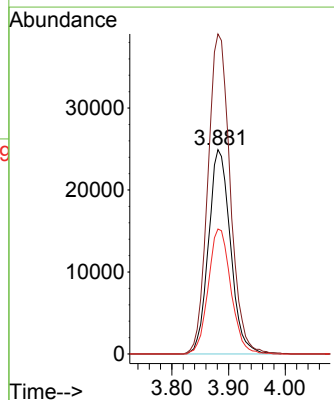
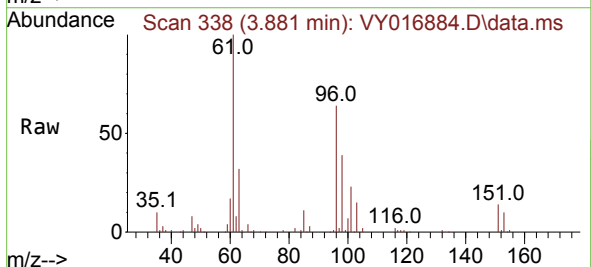
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

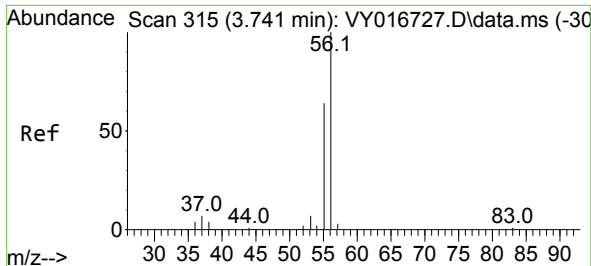
Tgt Ion: 59 Resp: 30711
Ion Ratio Lower Upper
59 100
57 4.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 57.470 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 96 Resp: 67035
Ion Ratio Lower Upper
96 100
61 156.6 124.2 186.2
98 61.1 52.6 79.0

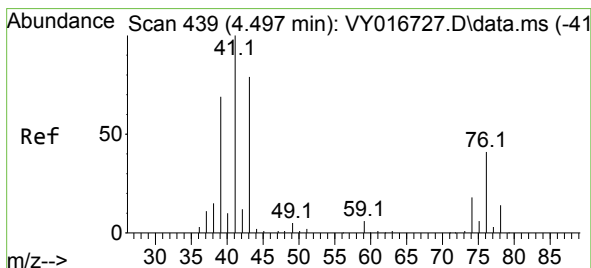
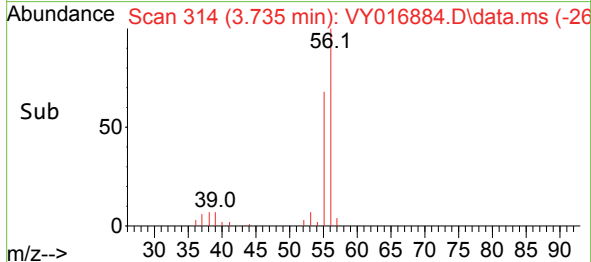
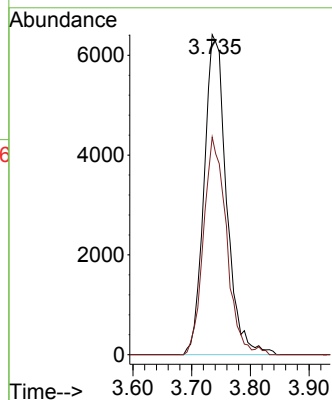
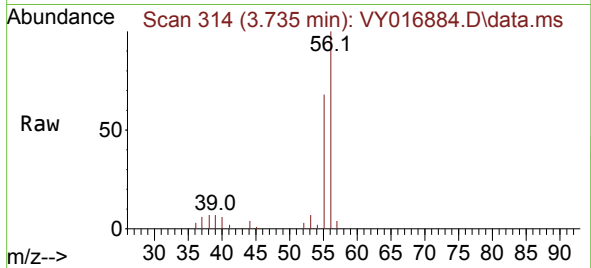




#13
Acrolein
Concen: 237.868 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

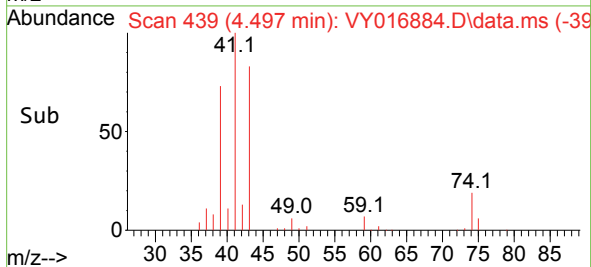
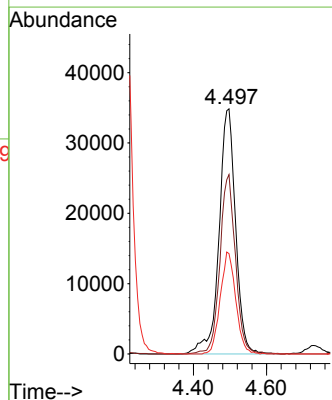
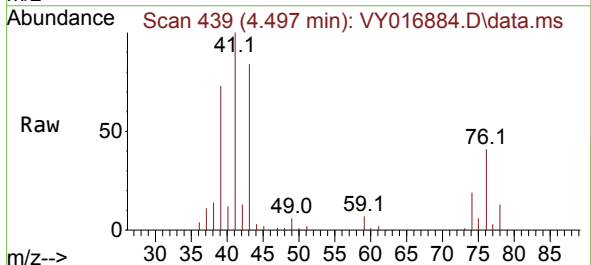
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

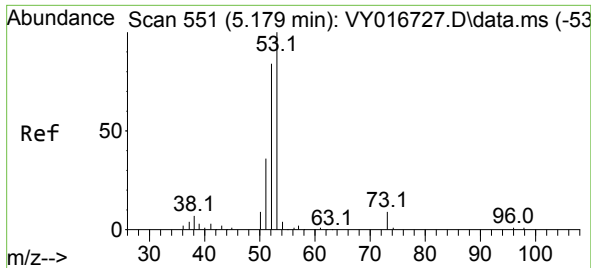
Tgt Ion: 56 Resp: 16973
Ion Ratio Lower Upper
56 100
55 69.3 55.4 83.0



#14
Allyl chloride
Concen: 61.601 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

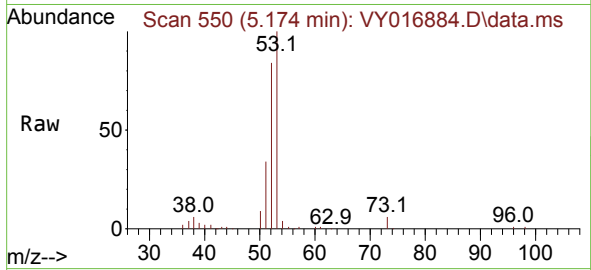
Tgt Ion: 41 Resp: 110056
Ion Ratio Lower Upper
41 100
39 69.0 54.7 82.1
76 38.8 31.8 47.6



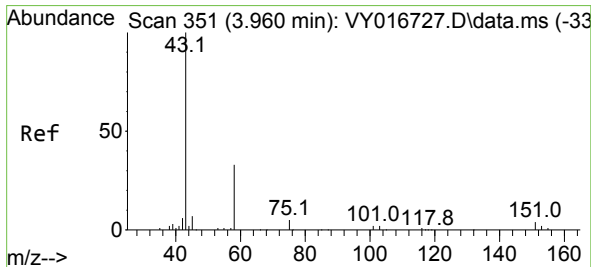
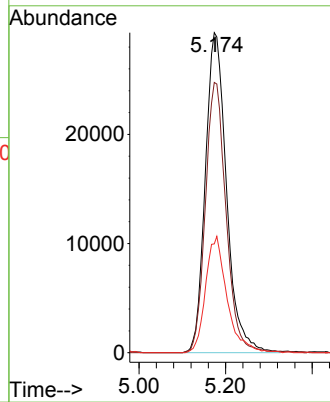
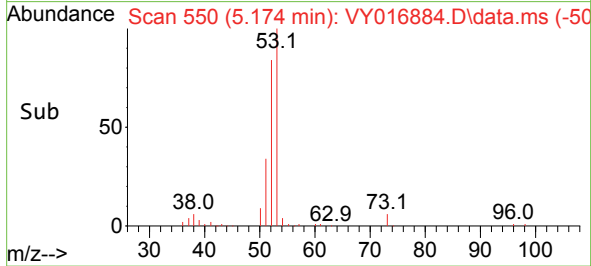


#15
Acrylonitrile
Concen: 345.324 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.005 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

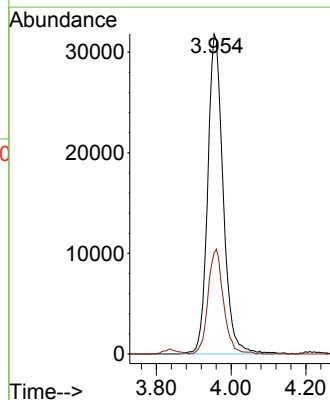
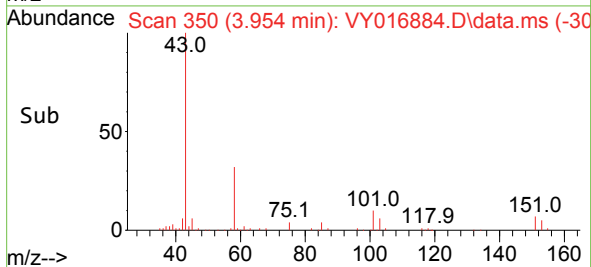
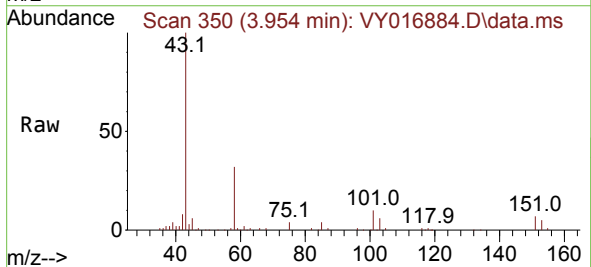


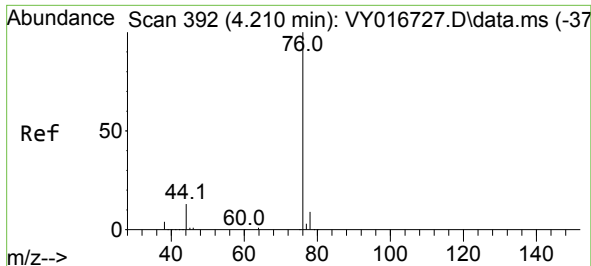
Tgt Ion: 53 Resp: 99908
Ion Ratio Lower Upper
53 100
52 82.1 65.1 97.7
51 36.9 29.0 43.4



#16
Acetone
Concen: 298.971 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 43 Resp: 91188
Ion Ratio Lower Upper
43 100
58 31.6 26.6 39.8

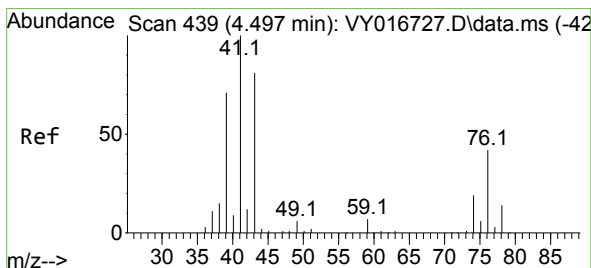
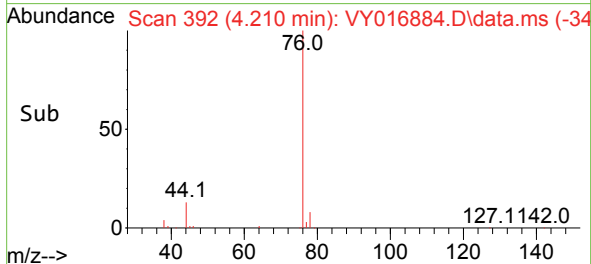
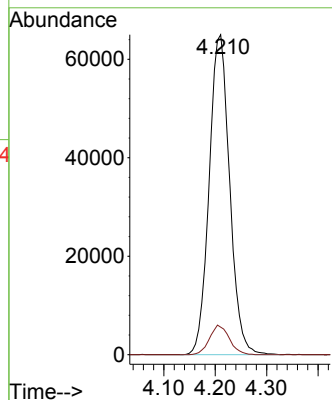
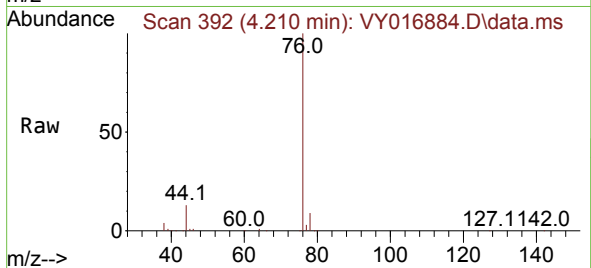




#17
Carbon Disulfide
Concen: 56.774 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

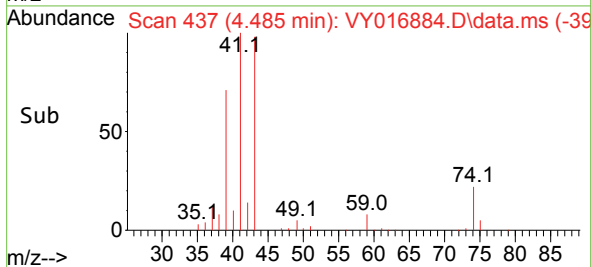
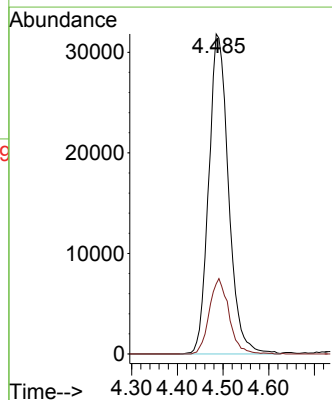
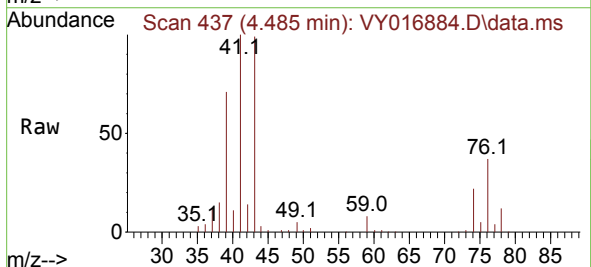
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

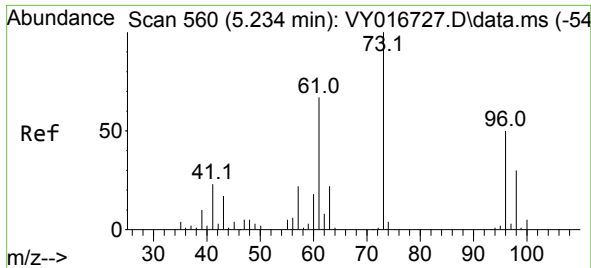
Tgt Ion: 76 Resp: 180188
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 80.310 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 43 Resp: 95727
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.6

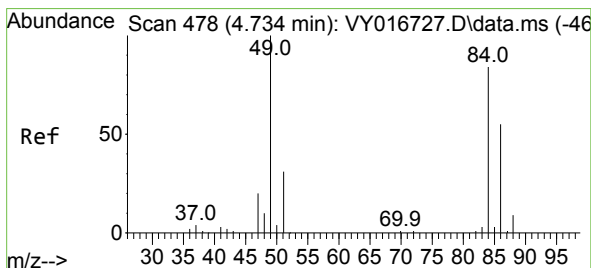
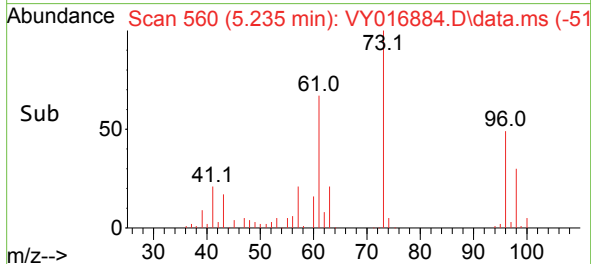
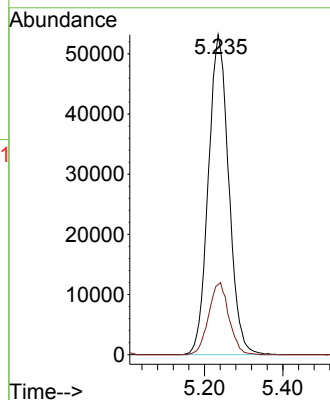
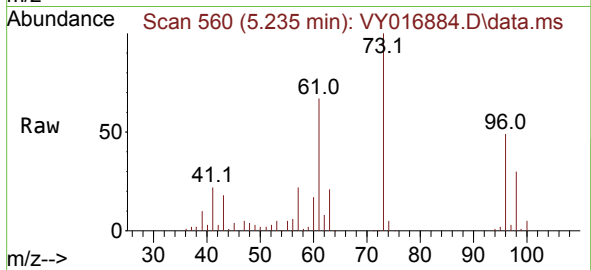




#19
Methyl tert-butyl Ether
Concen: 63.990 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

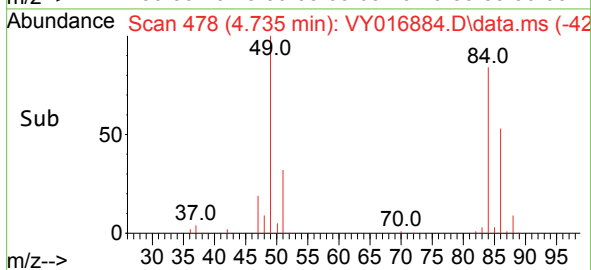
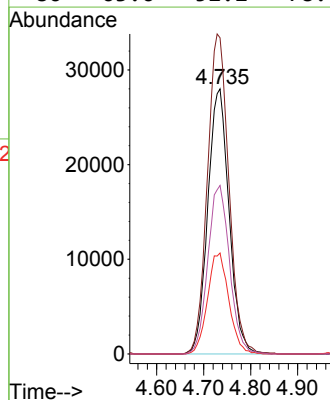
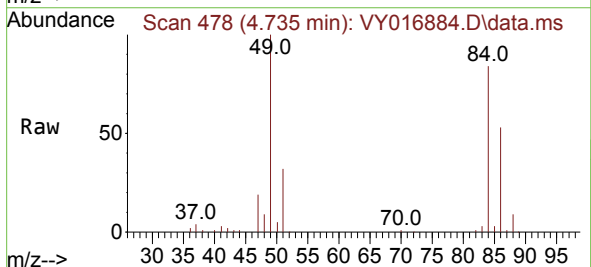
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

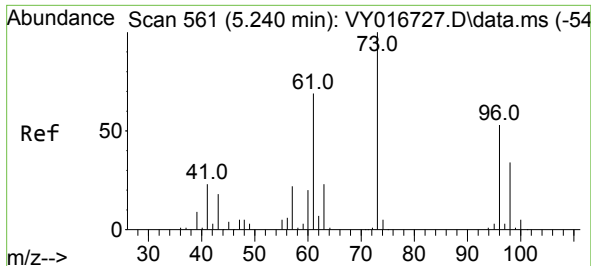
Tgt Ion: 73 Resp: 192053
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 58.620 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 84 Resp: 88026
Ion Ratio Lower Upper
84 100
49 119.3 95.2 142.8
51 38.1 29.9 44.9
86 63.6 52.2 78.4

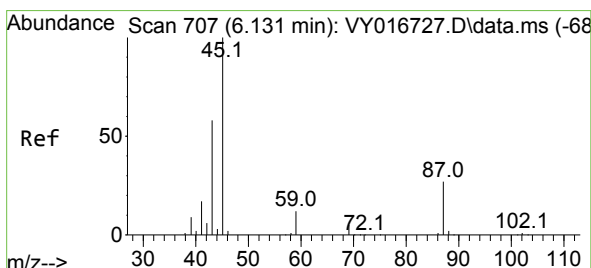
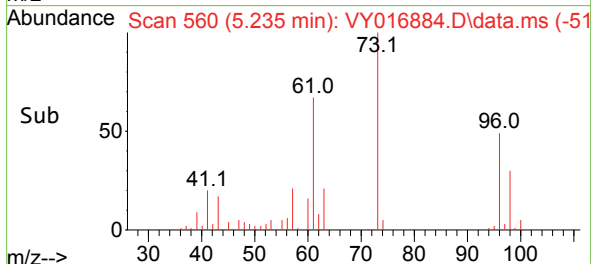
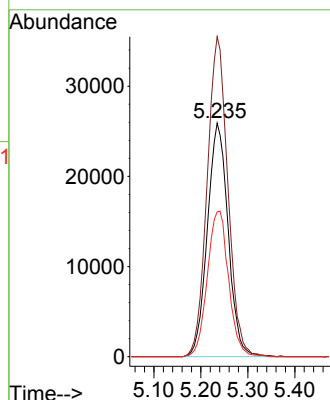
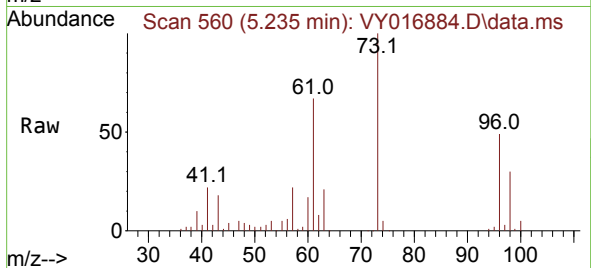




#21
trans-1,2-Dichloroethene
Concen: 59.620 ug/l
RT: 5.235 min Scan# 501
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

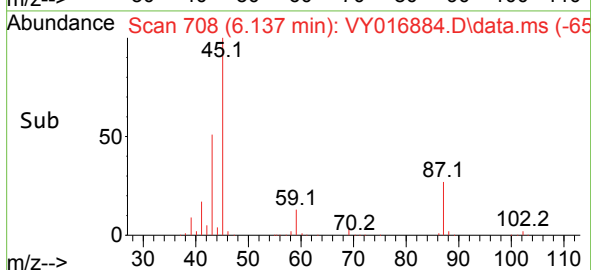
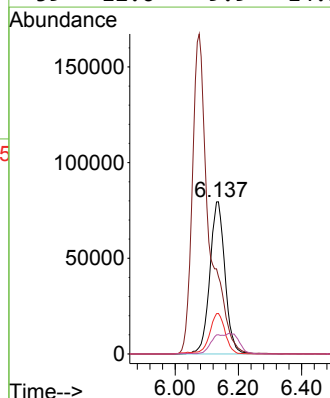
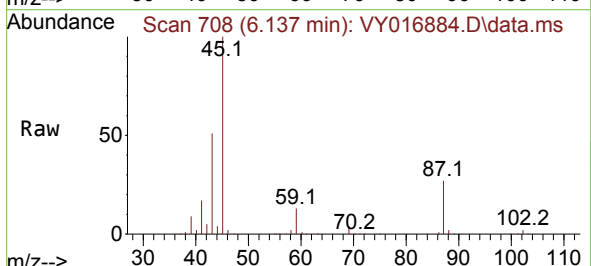
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

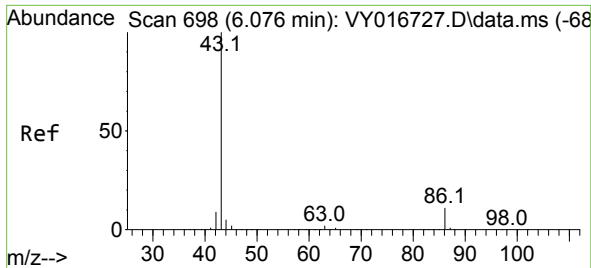
Tgt Ion: 96 Resp: 79314
Ion Ratio Lower Upper
96 100
61 137.0 104.6 156.8
98 62.0 50.9 76.3



#22
Diisopropyl ether
Concen: 65.609 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 45 Resp: 265189
Ion Ratio Lower Upper
45 100
43 50.7 46.8 70.2
87 26.7 22.2 33.2
59 12.6 9.9 14.9

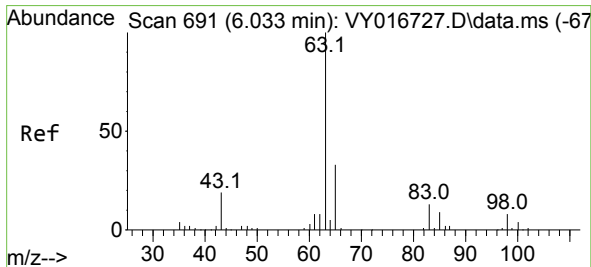
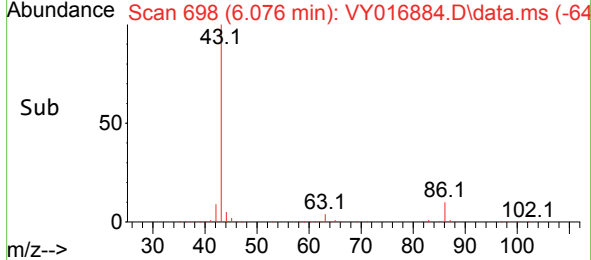
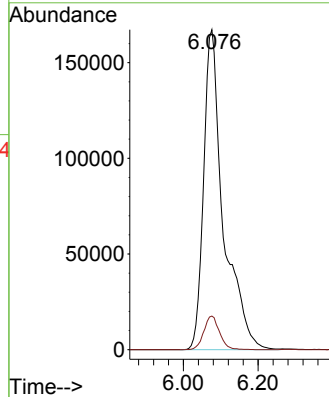
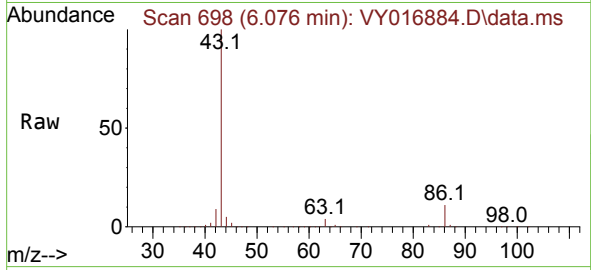




#23
Vinyl Acetate
Concen: 320.236 ug/l
RT: 6.076 min Scan# 61
Delta R.T. -0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

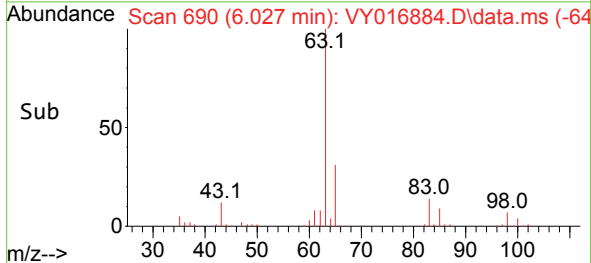
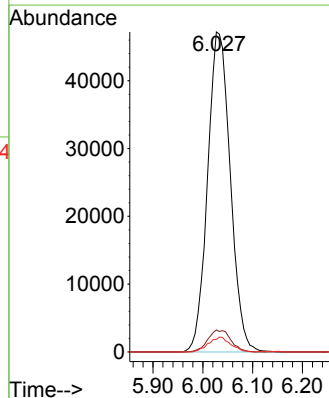
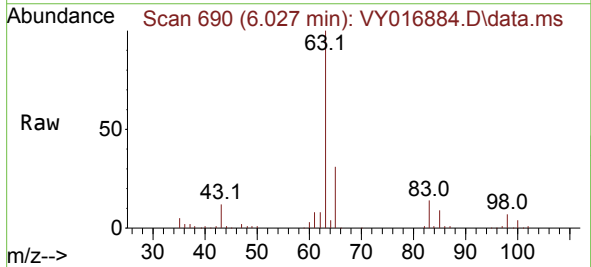
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

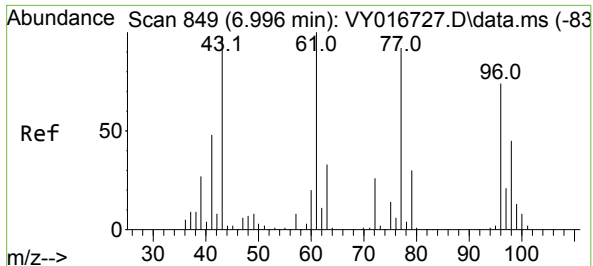
Tgt Ion: 43 Resp: 612182
Ion Ratio Lower Upper
43 100
86 10.5 8.6 13.0



#24
1,1-Dichloroethane
Concen: 61.504 ug/l
RT: 6.027 min Scan# 690
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 63 Resp: 149335
Ion Ratio Lower Upper
63 100
98 6.9 3.8 11.4
100 4.0 2.1 6.2





#25

2-Butanone

Concen: 324.132 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

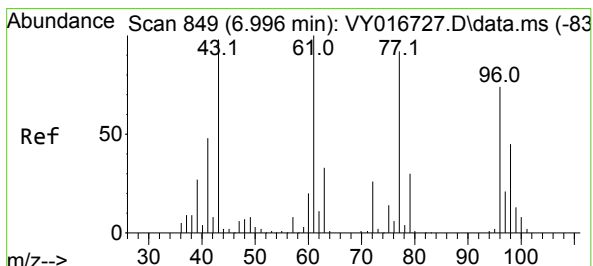
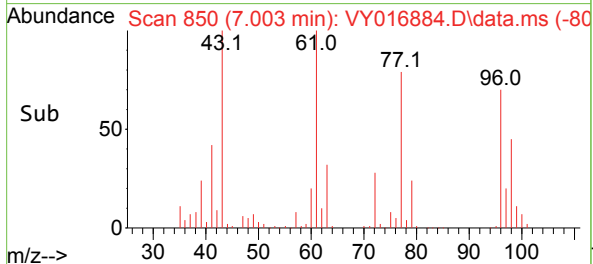
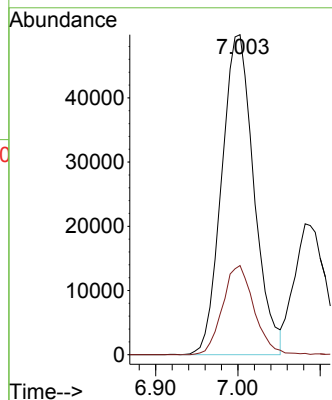
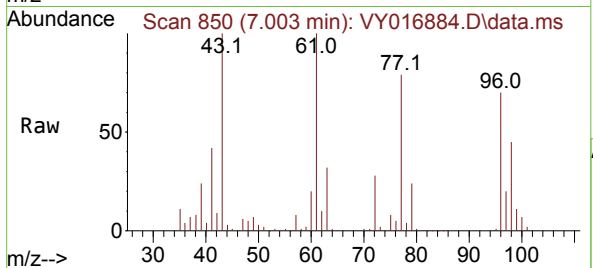
VSTDCCC050EC

Tgt Ion: 43 Resp: 136115

Ion Ratio Lower Upper

43 100

72 27.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 57.729 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016884.D

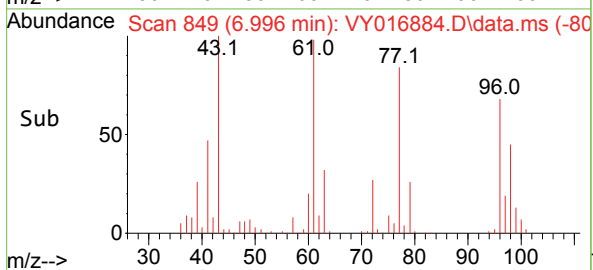
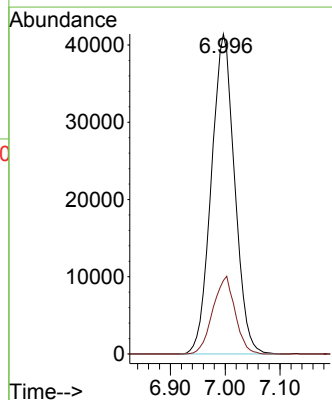
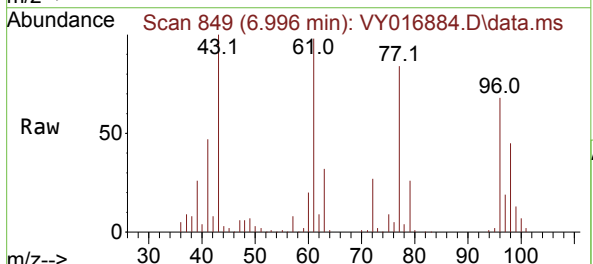
Acq: 27 Dec 2023 17:43

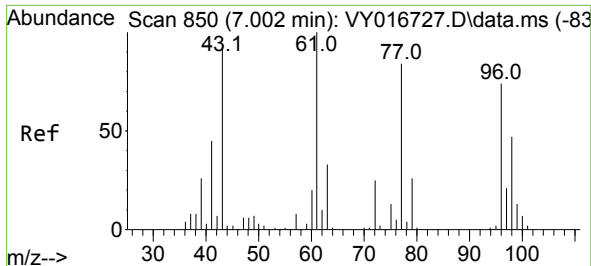
Tgt Ion: 77 Resp: 122318

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0

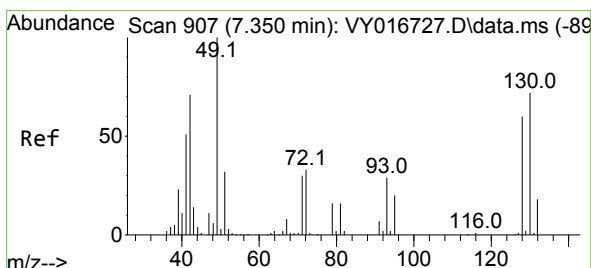
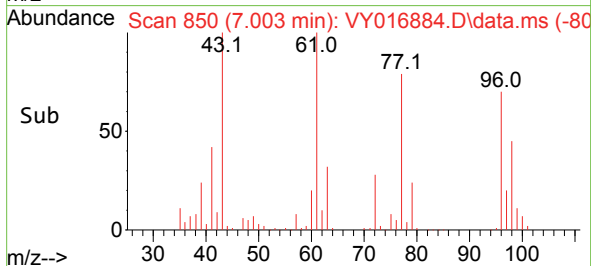
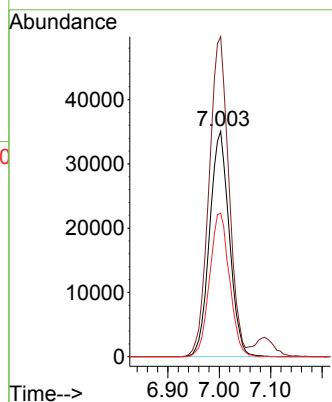
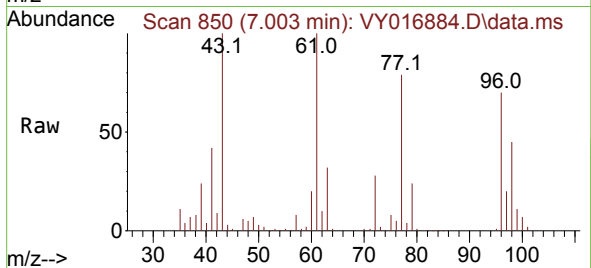




#27
 cis-1,2-Dichloroethene
 Concen: 60.899 ug/l
 RT: 7.003 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VY016884.D
 Acq: 27 Dec 2023 17:43

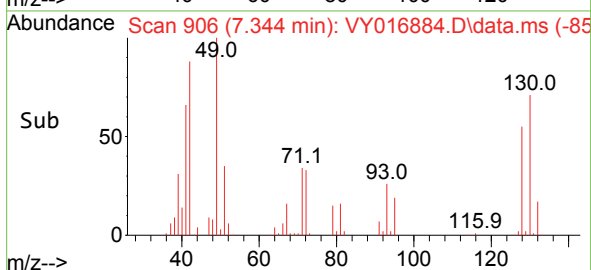
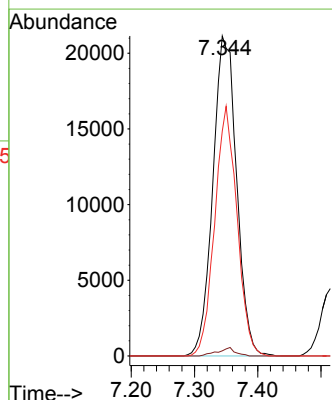
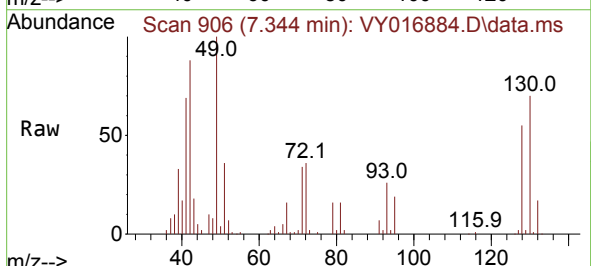
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

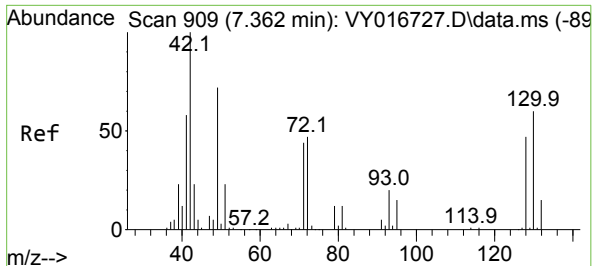
Tgt Ion: 96	Resp: 93240
Ion Ratio	Lower Upper
96 100	
61 143.6	0.0 278.8
98 64.3	0.0 127.0



#28
 Bromochloromethane
 Concen: 57.364 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY016884.D
 Acq: 27 Dec 2023 17:43

Tgt Ion: 49	Resp: 55127
Ion Ratio	Lower Upper
49 100	
129 1.9	0.0 3.8
130 73.1	59.8 89.8





#29

Tetrahydrofuran

Concen: 367.815 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

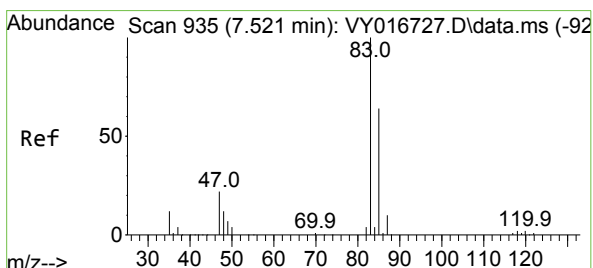
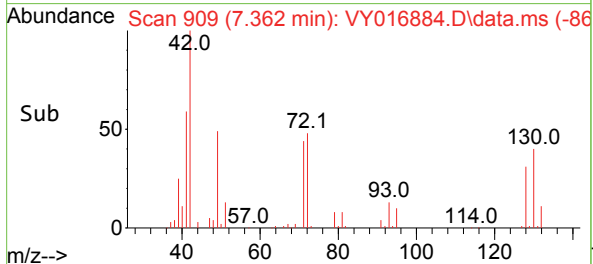
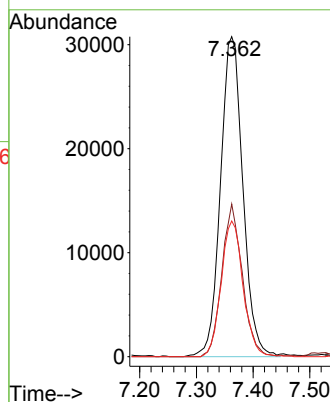
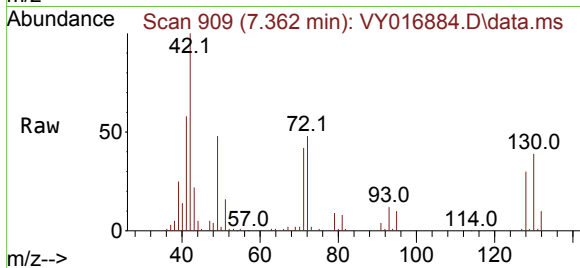
Tgt Ion: 42 Resp: 84458

Ion Ratio Lower Upper

42 100

72 43.7 36.6 54.8

71 41.5 33.8 50.6



#30

Chloroform

Concen: 62.048 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY016884.D

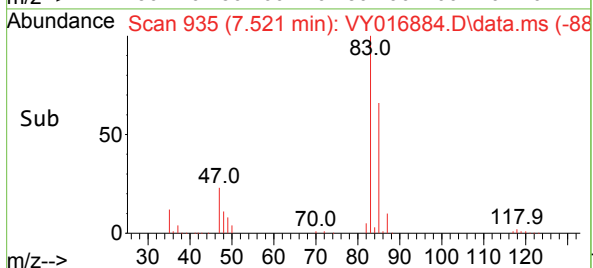
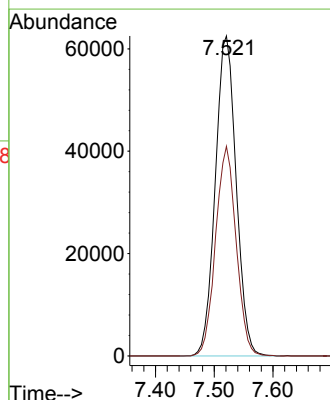
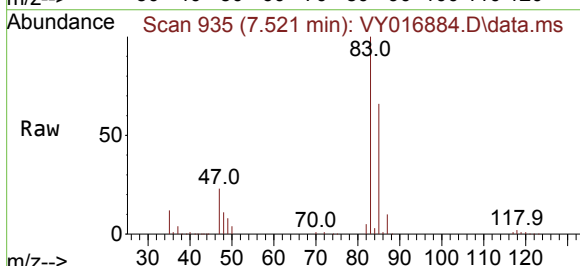
Acq: 27 Dec 2023 17:43

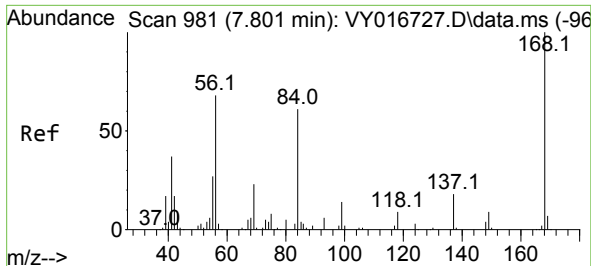
Tgt Ion: 83 Resp: 154227

Ion Ratio Lower Upper

83 100

85 65.5 51.2 76.8

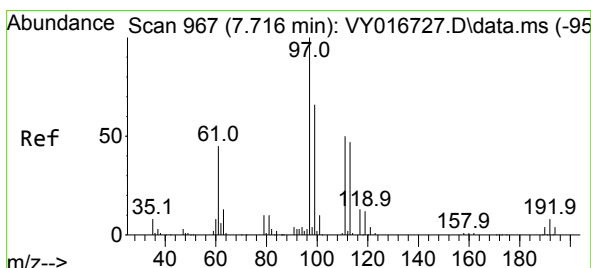
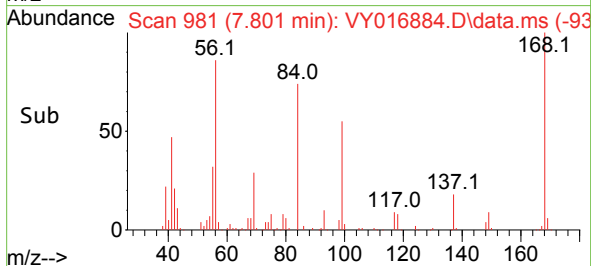
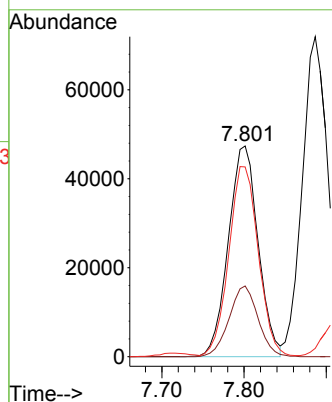
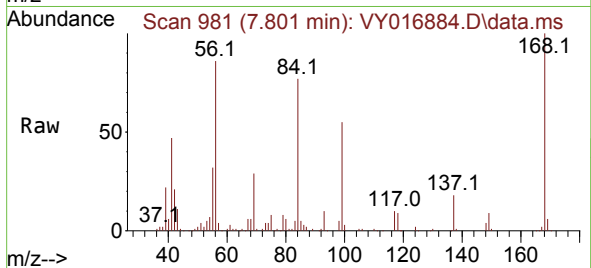




#31
Cyclohexane
Concen: 55.124 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

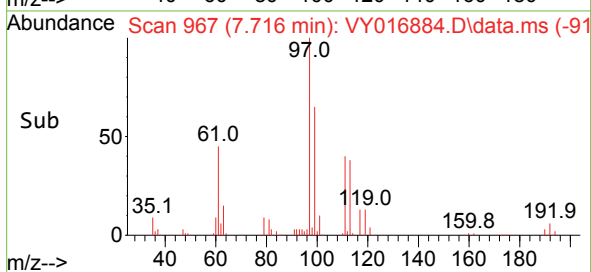
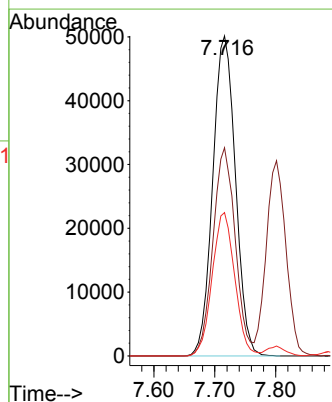
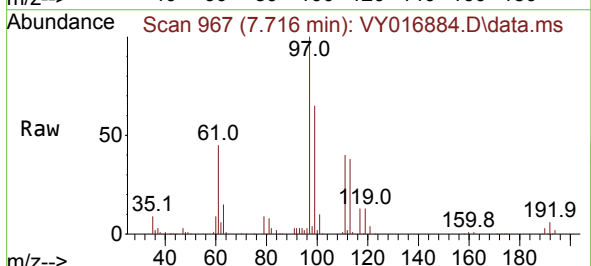
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

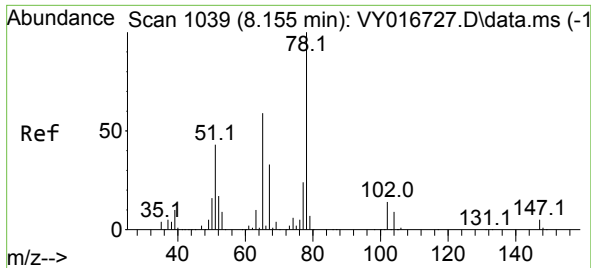
Tgt Ion: 56 Resp: 119128
Ion Ratio Lower Upper
56 100
69 33.5 27.0 40.6
84 88.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 59.566 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 97 Resp: 129962
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 44.5 35.0 52.6

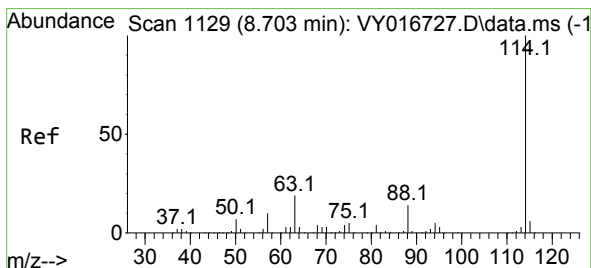
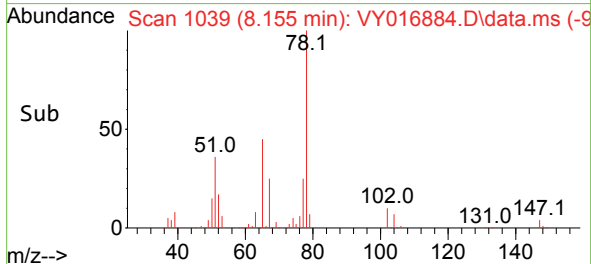
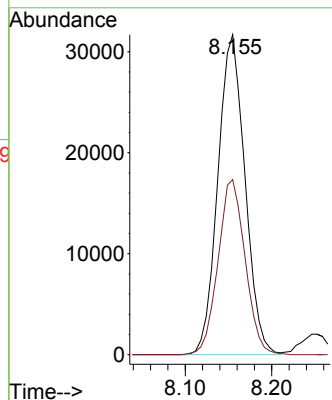
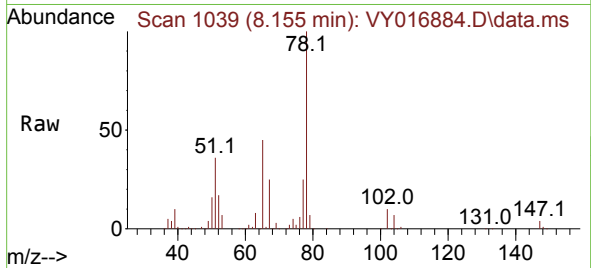




#33
 1,2-Dichloroethane-d4
 Concen: 61.090 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY016884.D
 Acq: 27 Dec 2023 17:43

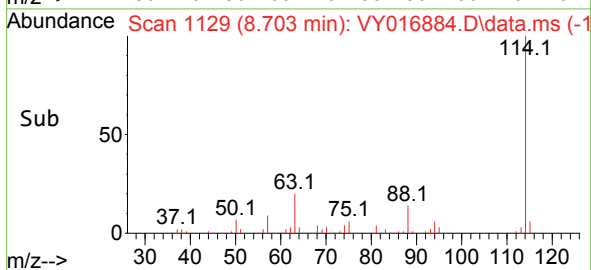
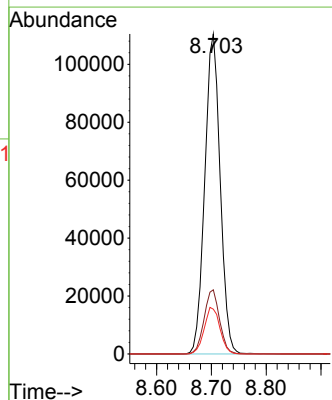
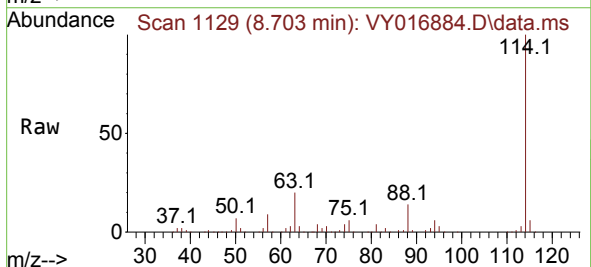
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

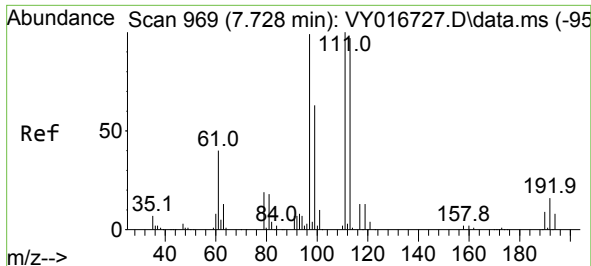
Tgt Ion: 65 Resp: 68905
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY016884.D
 Acq: 27 Dec 2023 17:43

Tgt Ion: 114 Resp: 215002
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 14.0 0.0 29.0

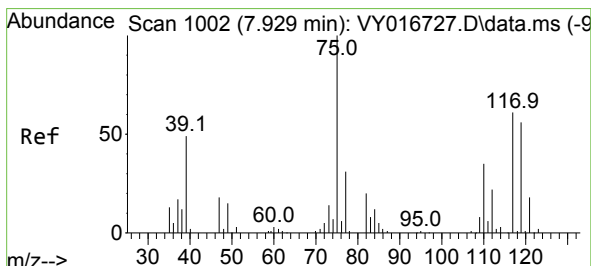
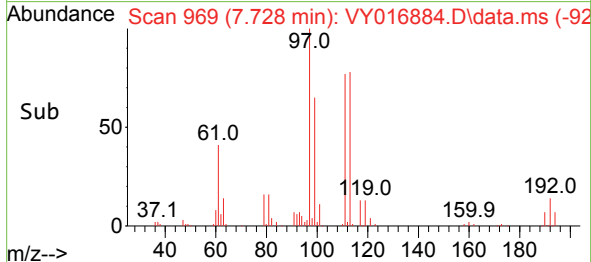
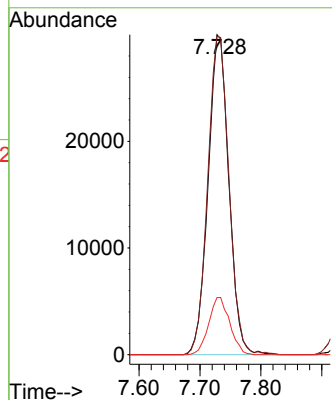
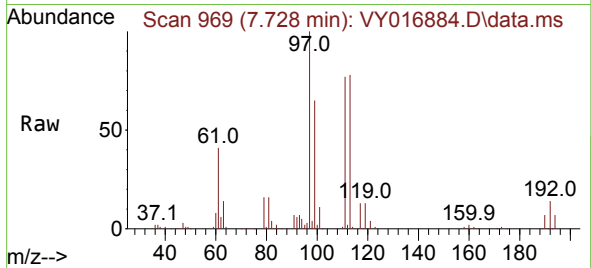




#35
Dibromofluoromethane
Concen: 57.614 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

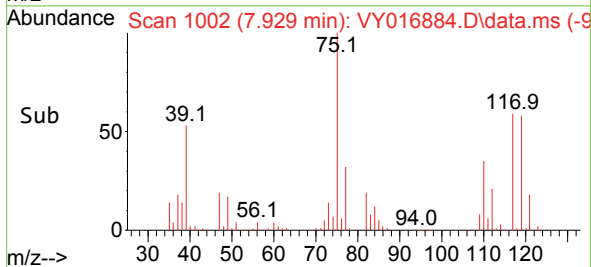
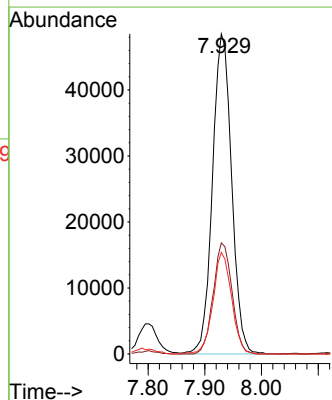
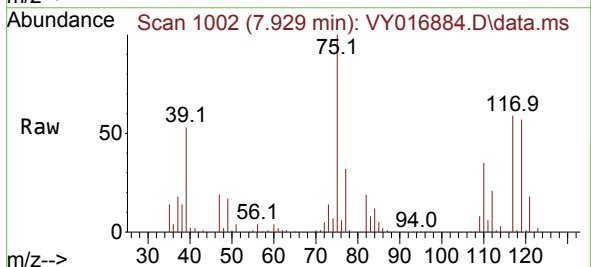
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

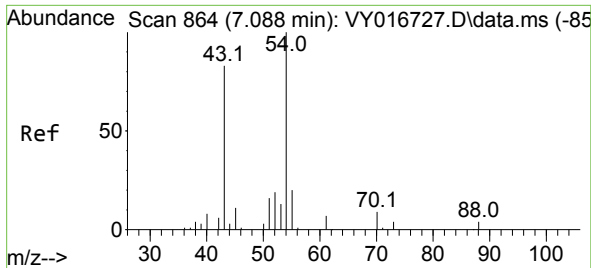
Tgt Ion:113 Resp: 70957
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 57.636 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 75 Resp: 113799
Ion Ratio Lower Upper
75 100
110 34.0 17.4 52.3
77 30.8 24.7 37.1

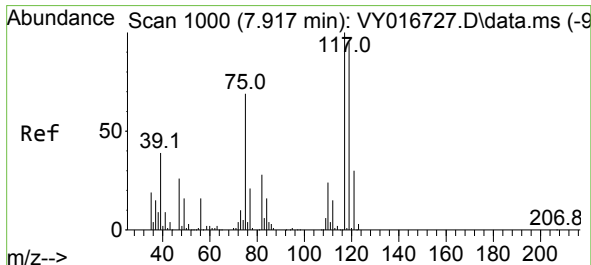
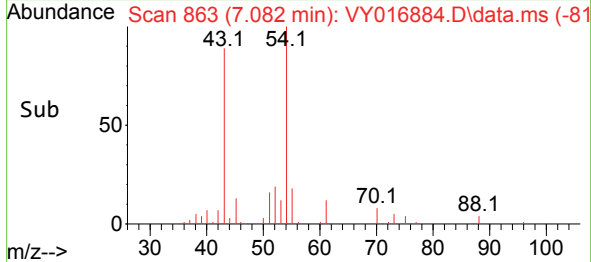
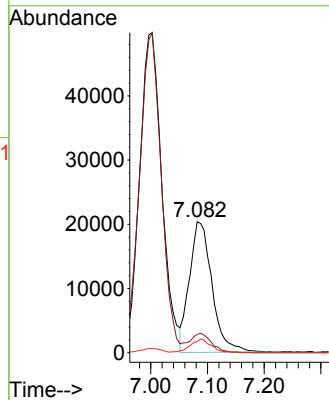
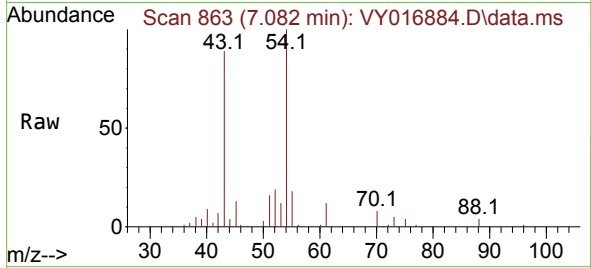




#37
Ethyl Acetate
Concen: 66.664 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

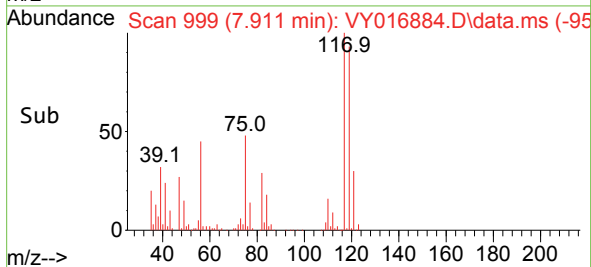
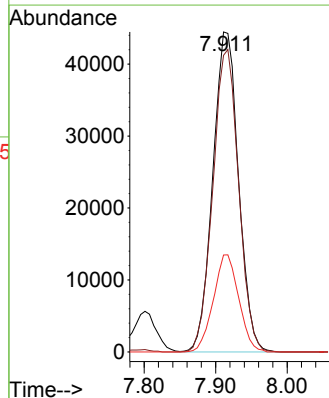
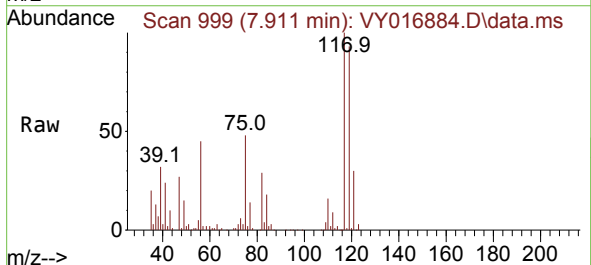
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

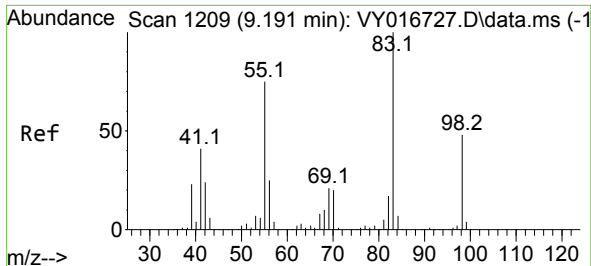
Tgt Ion: 43	Resp:	56417
Ion	Ratio	Lower Upper
43	100	
61	14.0	11.0 16.6
70	9.6	8.1 12.1



#38
Carbon Tetrachloride
Concen: 56.895 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 117	Resp:	111161
Ion	Ratio	Lower Upper
117	100	
119	92.7	76.0 114.0
121	30.3	24.2 36.2





#39

Methylcyclohexane

Concen: 56.828 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

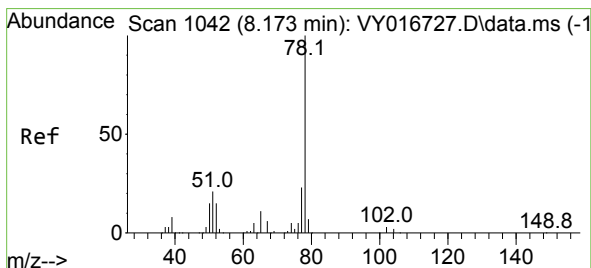
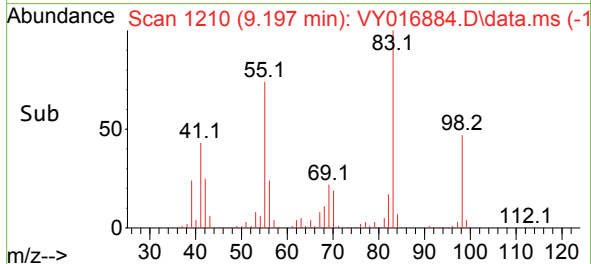
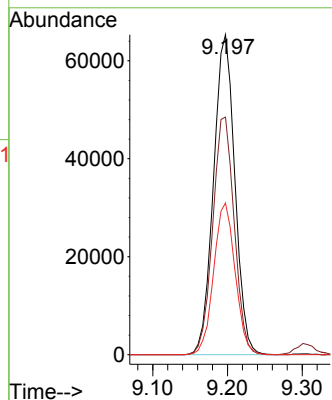
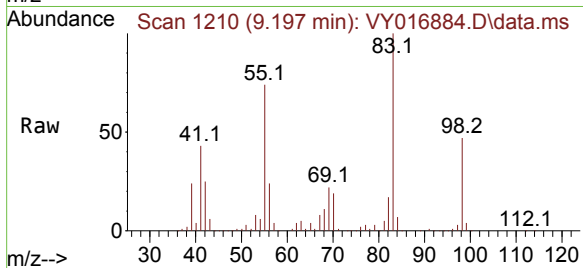
Tgt Ion: 83 Resp: 129546

Ion Ratio Lower Upper

83 100

55 74.3 59.7 89.5

98 47.4 38.0 57.0



#40

Benzene

Concen: 59.123 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016884.D

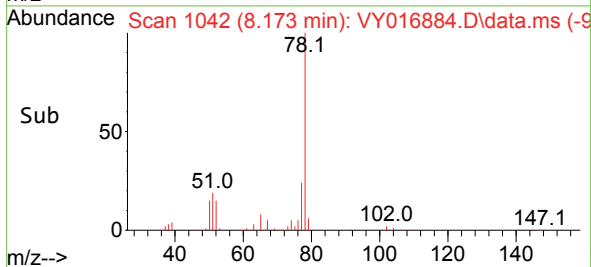
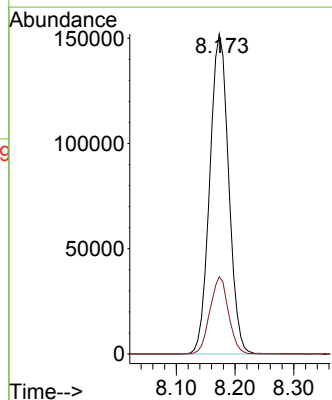
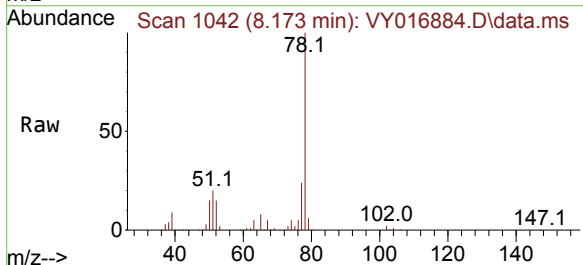
Acq: 27 Dec 2023 17:43

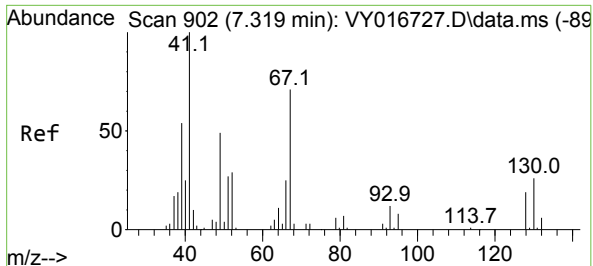
Tgt Ion: 78 Resp: 339702

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2

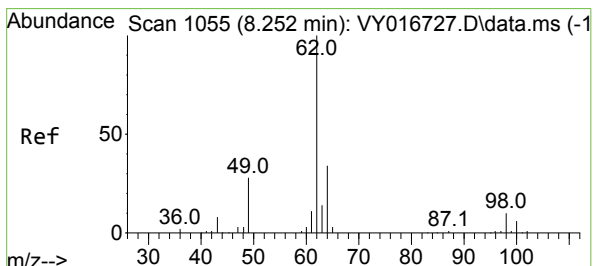
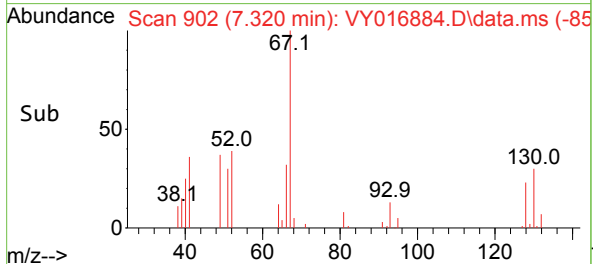
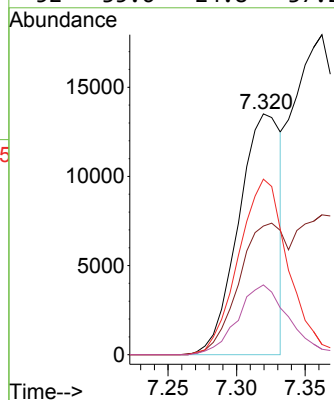
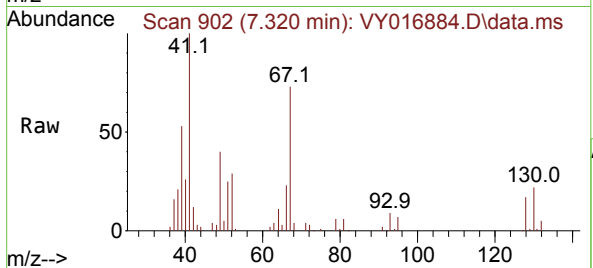




#41
Methacrylonitrile
Concen: 64.345 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

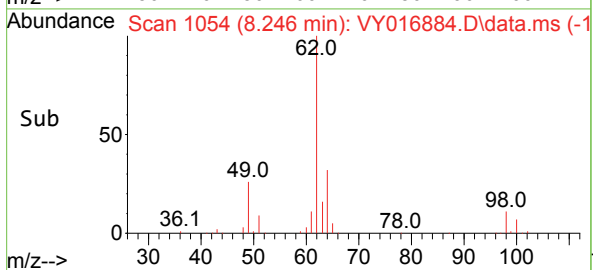
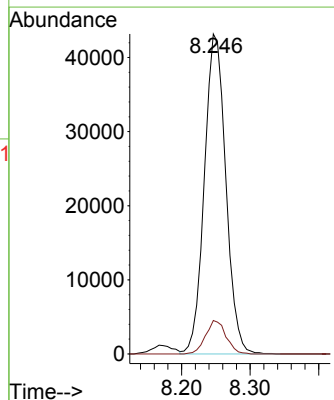
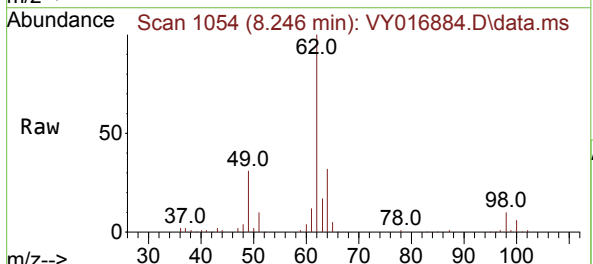
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

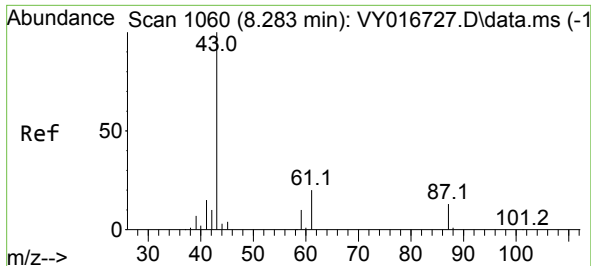
Tgt Ion:	41	Resp:	28912
Ion	Ratio	Lower	Upper
41	100		
39	62.2	41.9	62.9
67	86.9	59.8	89.6
52	35.6	24.8	37.2



#42
1,2-Dichloroethane
Concen: 62.848 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion:	62	Resp:	94209
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2

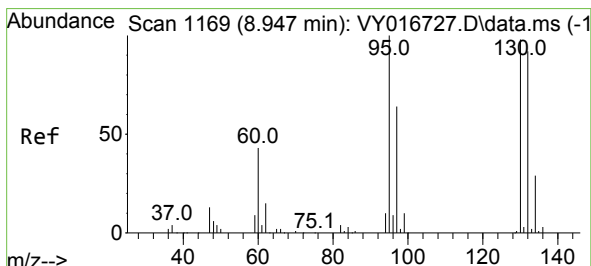
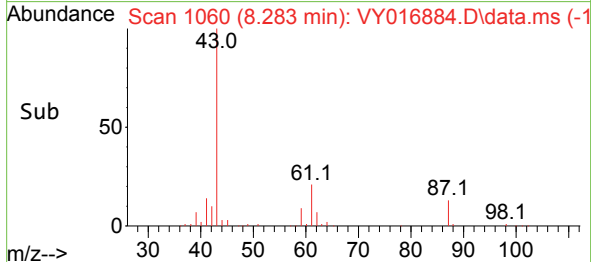
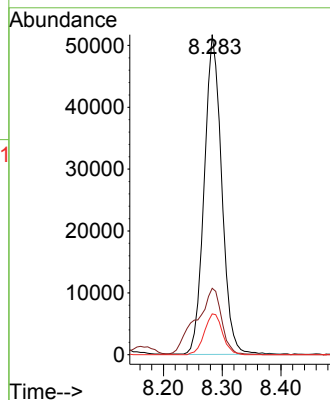
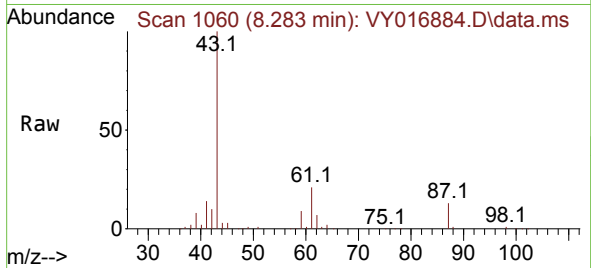




#43
Isopropyl Acetate
Concen: 64.887 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

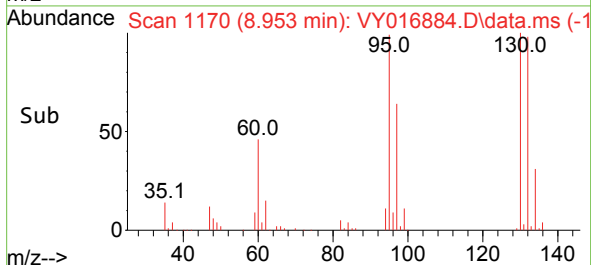
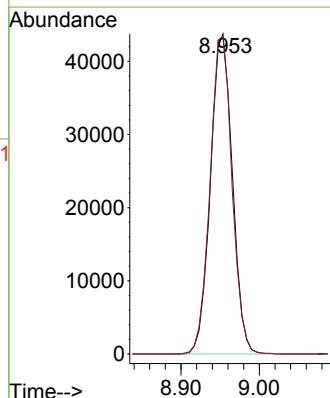
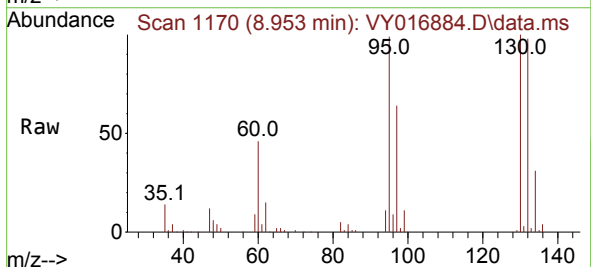
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

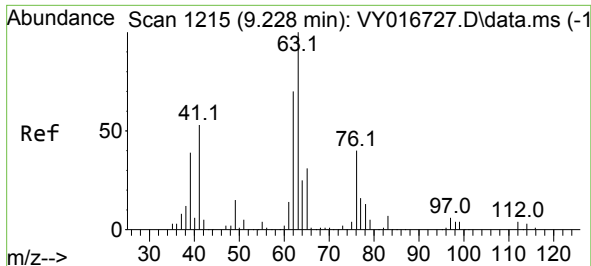
Tgt Ion: 43 Resp: 106653
Ion Ratio Lower Upper
43 100
61 30.4 24.8 37.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 57.679 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 130 Resp: 84585
Ion Ratio Lower Upper
130 100
95 99.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 61.677 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

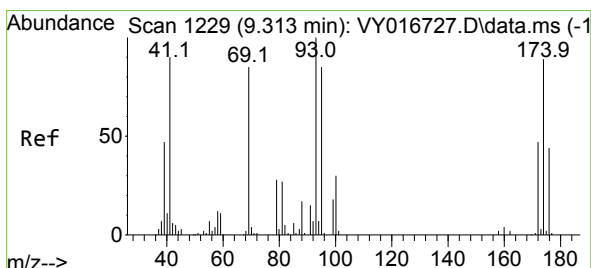
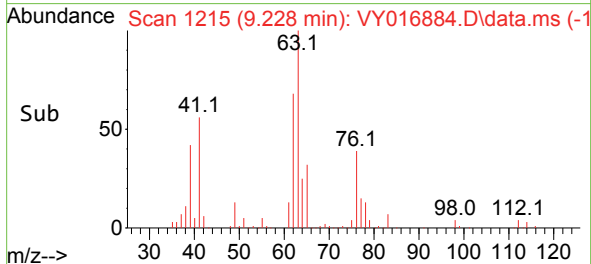
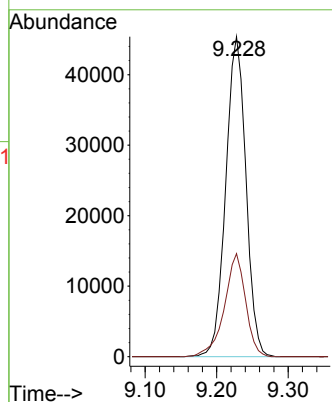
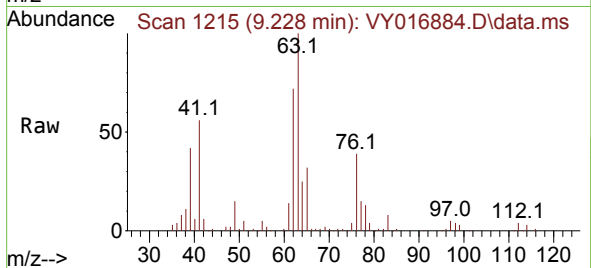
VSTDCCC050EC

Tgt Ion: 63 Resp: 88894

Ion Ratio Lower Upper

63 100

65 32.2 24.6 36.8



#46

Dibromomethane

Concen: 62.352 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

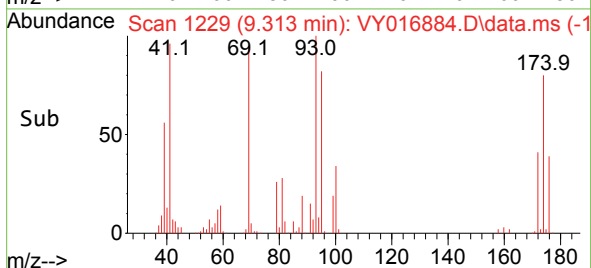
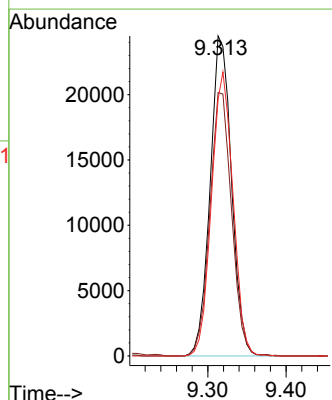
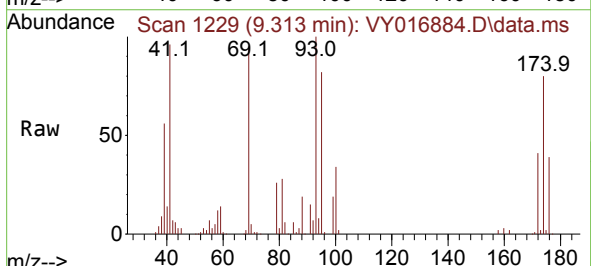
Tgt Ion: 93 Resp: 46425

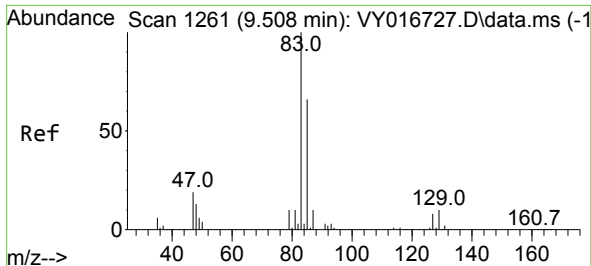
Ion Ratio Lower Upper

93 100

95 83.9 66.6 99.8

174 89.1 73.8 110.6

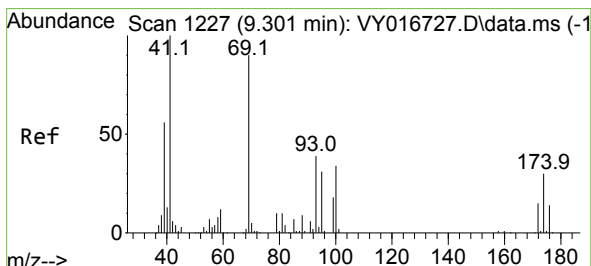
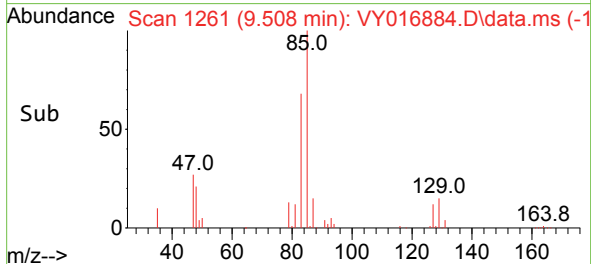
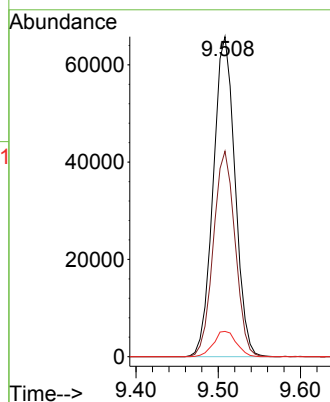
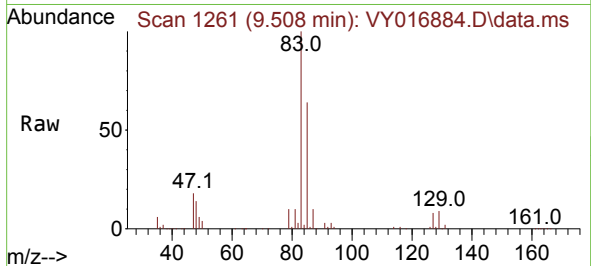




#47
 Bromodichloromethane
 Concen: 61.661 ug/l
 RT: 9.508 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: VY016884.D
 Acq: 27 Dec 2023 17:43

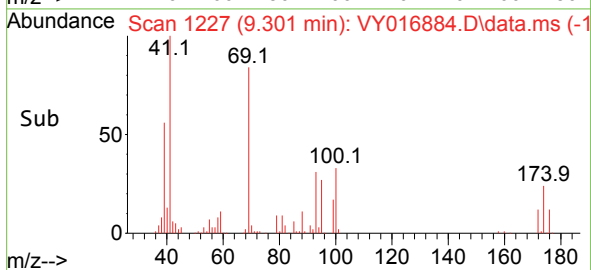
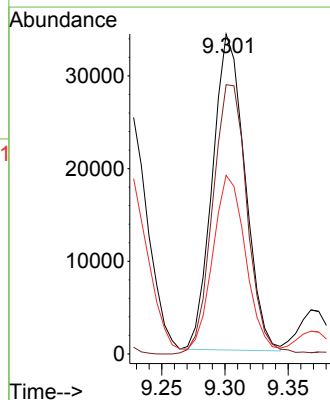
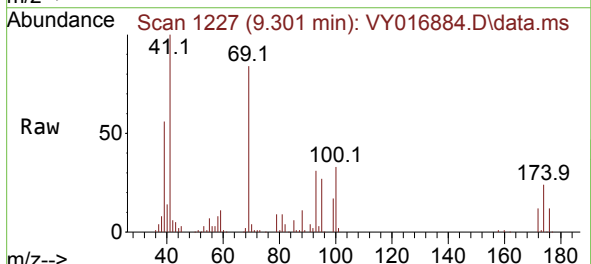
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

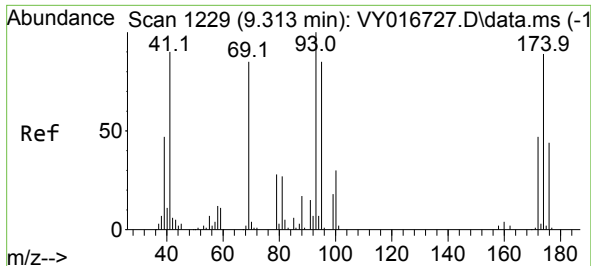
Tgt Ion: 83 Resp: 121007
 Ion Ratio Lower Upper
 83 100
 85 64.2 53.2 79.8
 127 7.9 6.4 9.6



#48
 Methyl methacrylate
 Concen: 66.691 ug/l
 RT: 9.301 min Scan# 1227
 Delta R.T. -0.000 min
 Lab File: VY016884.D
 Acq: 27 Dec 2023 17:43

Tgt Ion: 41 Resp: 60922
 Ion Ratio Lower Upper
 41 100
 69 90.3 72.1 108.1
 39 57.6 42.8 64.2





#49

1,4-Dioxane

Concen: 1522.689 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

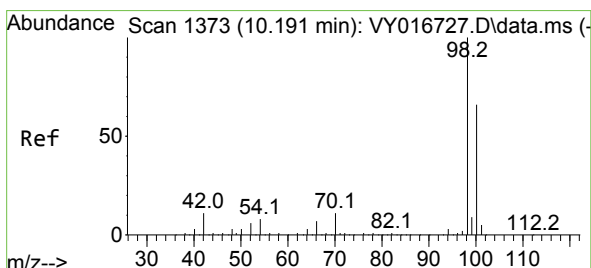
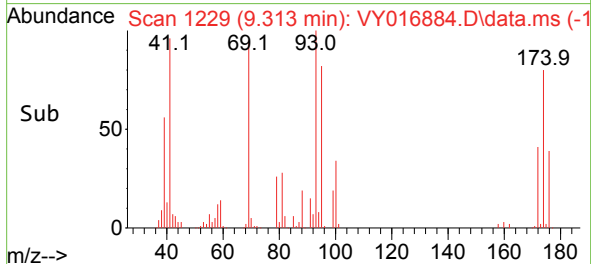
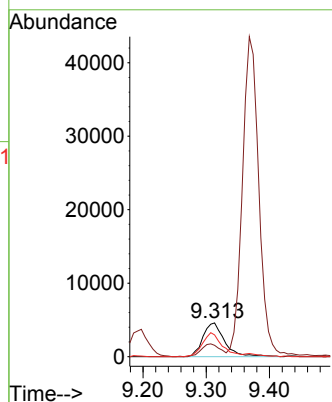
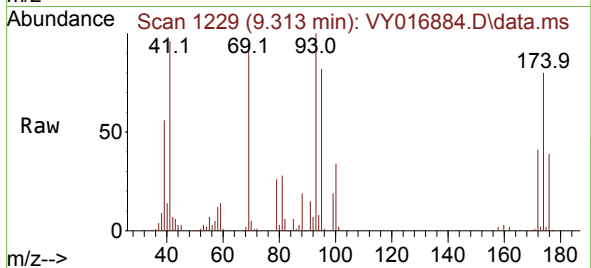
Tgt Ion: 88 Resp: 11004

Ion Ratio Lower Upper

88 100

43 33.1 28.2 42.4

58 64.2 52.2 78.2



#50

Toluene-d8

Concen: 57.007 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016884.D

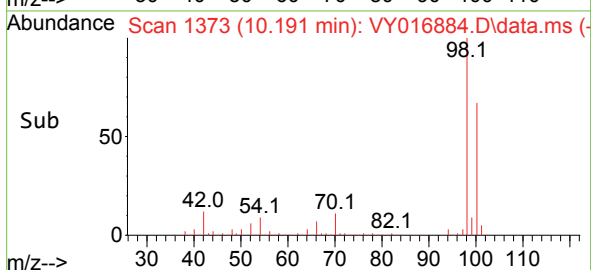
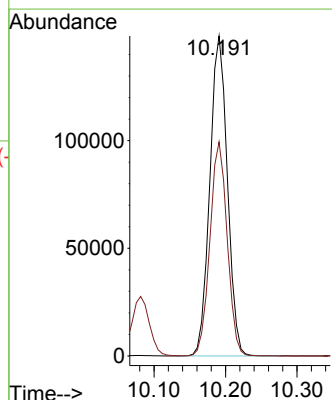
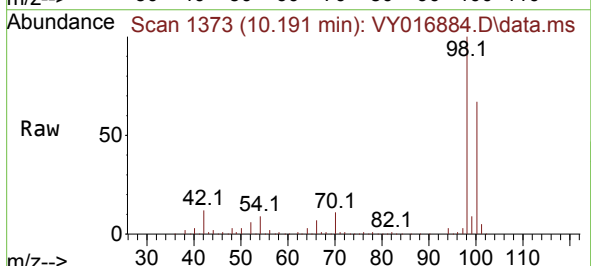
Acq: 27 Dec 2023 17:43

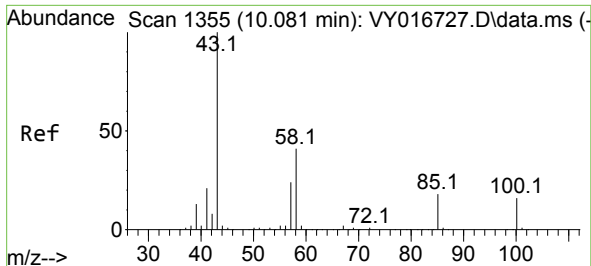
Tgt Ion: 98 Resp: 253095

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 345.462 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

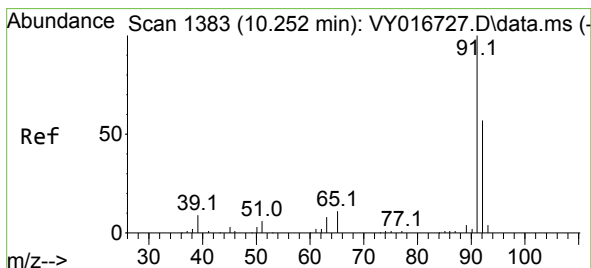
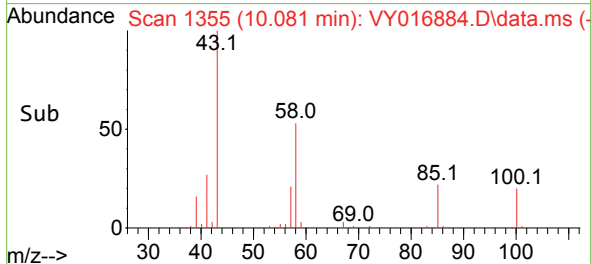
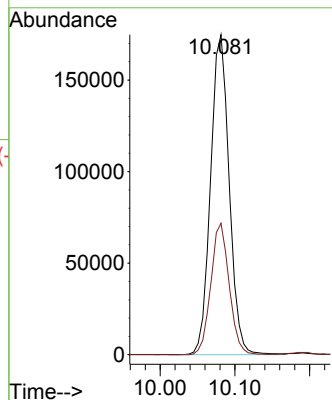
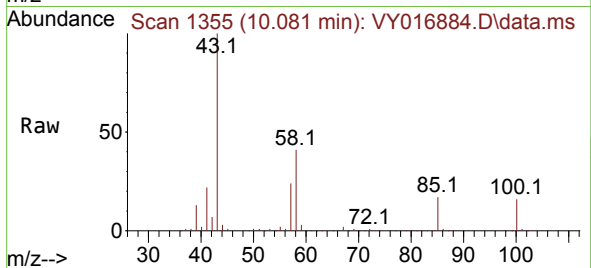
VSTDCCC050EC

Tgt Ion: 43 Resp: 302543

Ion Ratio Lower Upper

43 100

58 40.5 32.2 48.2



#52

Toluene

Concen: 61.377 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY016884.D

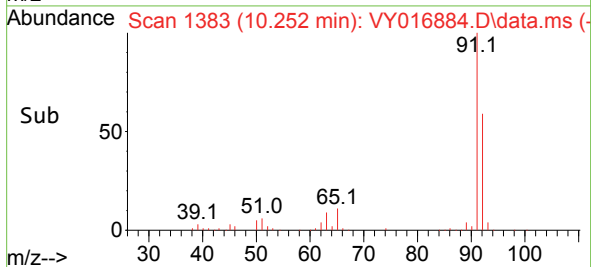
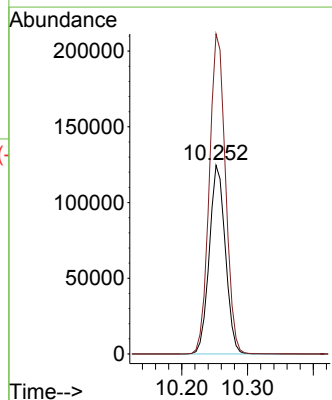
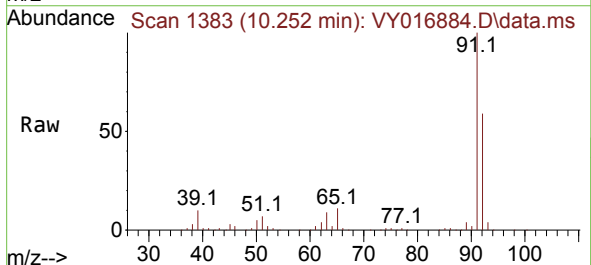
Acq: 27 Dec 2023 17:43

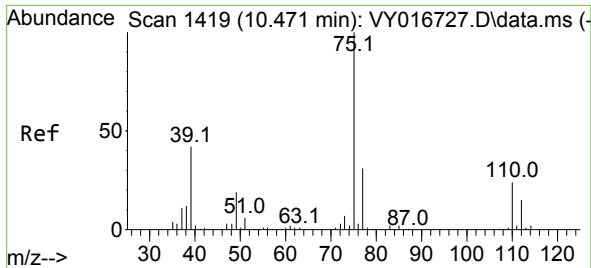
Tgt Ion: 92 Resp: 211333

Ion Ratio Lower Upper

92 100

91 171.2 137.6 206.4

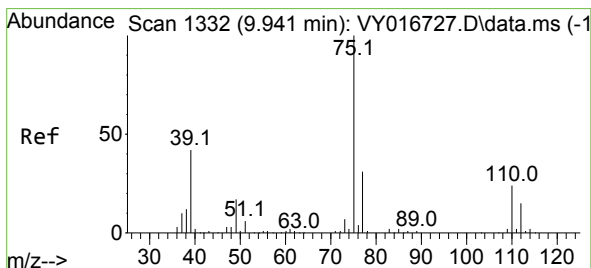
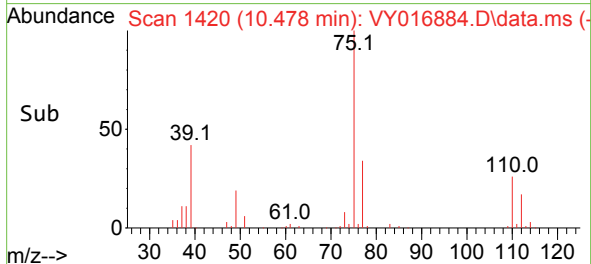
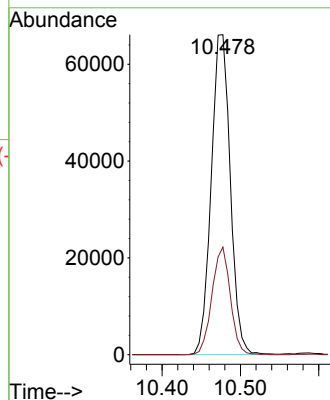
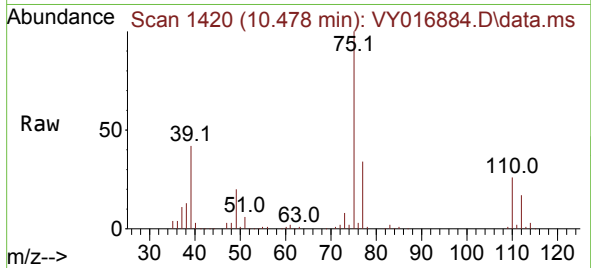




#53
 t-1,3-Dichloropropene
 Concen: 62.662 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.007 min
 Lab File: VY016884.D
 Acq: 27 Dec 2023 17:43

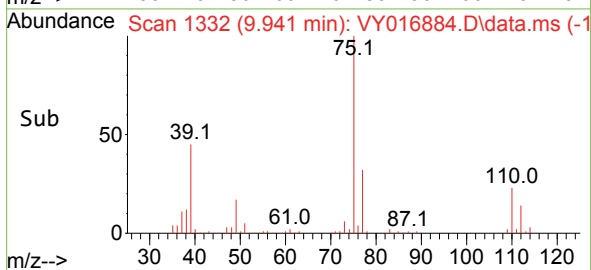
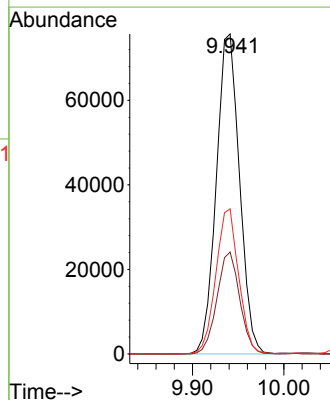
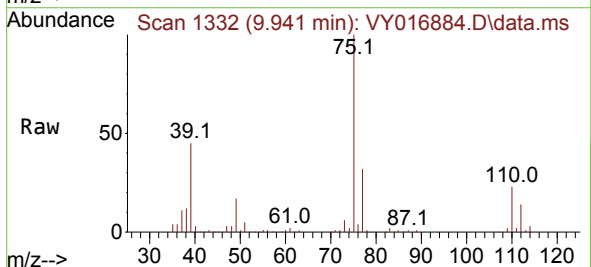
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

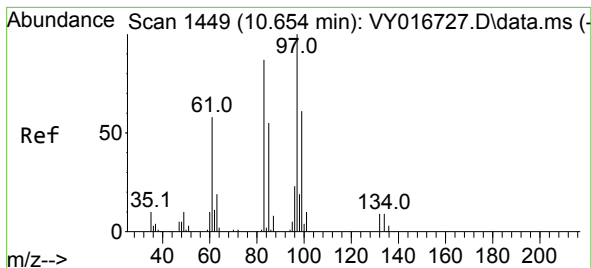
Tgt Ion: 75 Resp: 112130
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 61.986 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: VY016884.D
 Acq: 27 Dec 2023 17:43

Tgt Ion: 75 Resp: 133791
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 36.8
 39 45.3 33.6 50.4

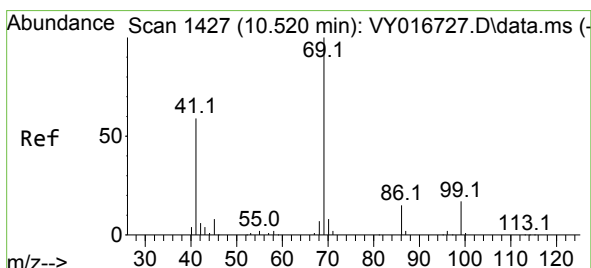
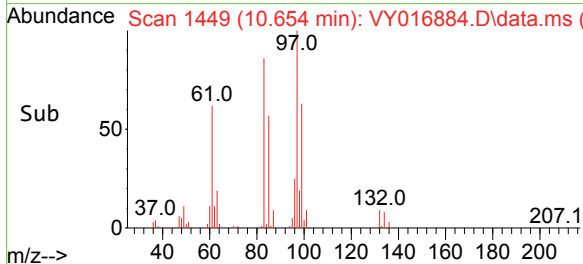
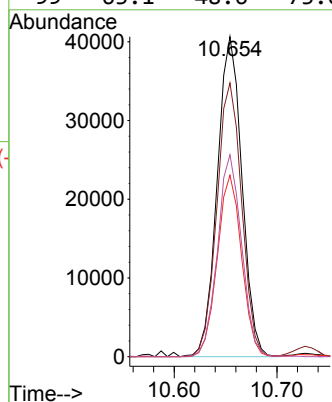
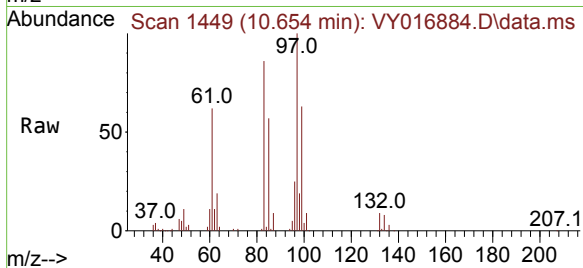




#55
 1,1,2-Trichloroethane
 Concen: 63.859 ug/l
 RT: 10.654 min Scan# 1449
 Delta R.T. 0.000 min
 Lab File: VY016884.D
 Acq: 27 Dec 2023 17:43

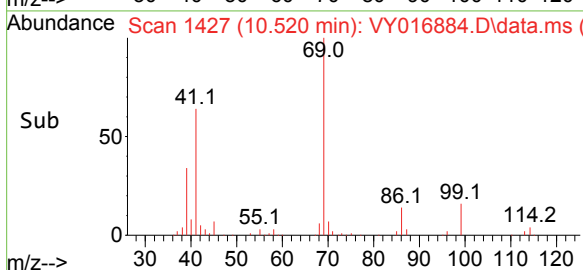
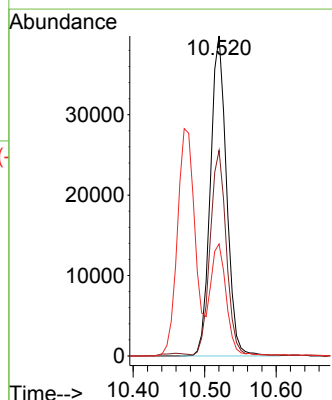
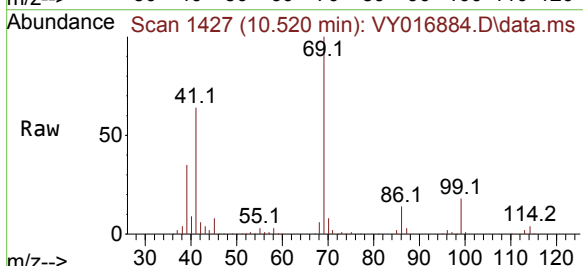
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

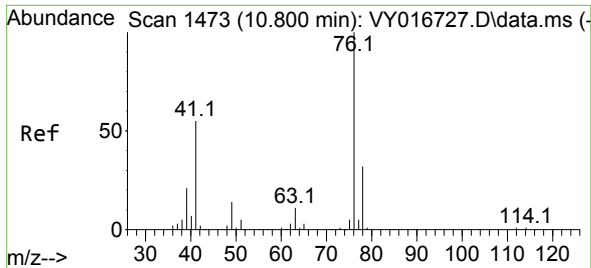
Tgt Ion: 97	Resp: 67838
Ion Ratio	Lower Upper
97 100	
83 85.6	69.4 104.2
85 56.7	43.9 65.9
99 63.1	48.6 73.0



#56
 Ethyl methacrylate
 Concen: 66.990 ug/l
 RT: 10.520 min Scan# 1427
 Delta R.T. 0.000 min
 Lab File: VY016884.D
 Acq: 27 Dec 2023 17:43

Tgt Ion: 69	Resp: 62578
Ion Ratio	Lower Upper
69 100	
41 63.6	49.2 73.8
39 32.5	26.8 40.2

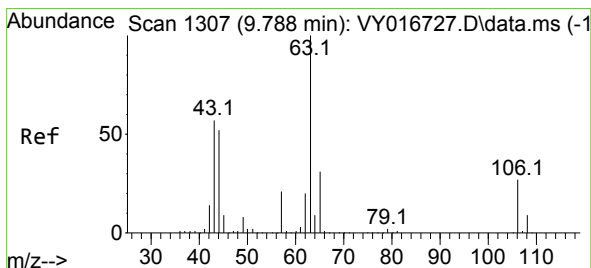
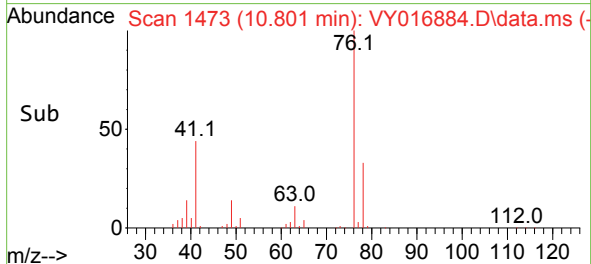
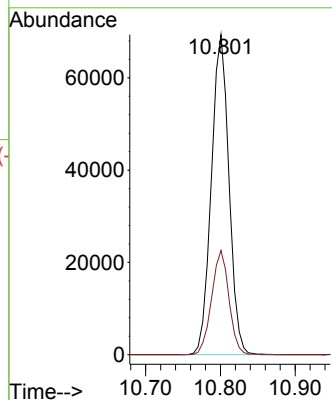
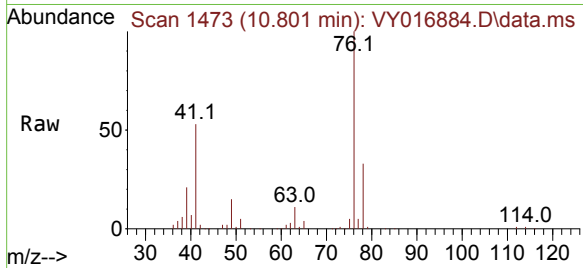




#57
1,3-Dichloropropane
Concen: 62.894 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.001 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

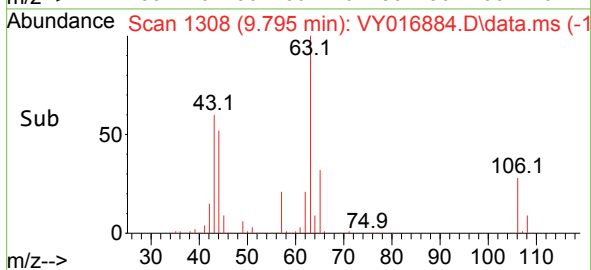
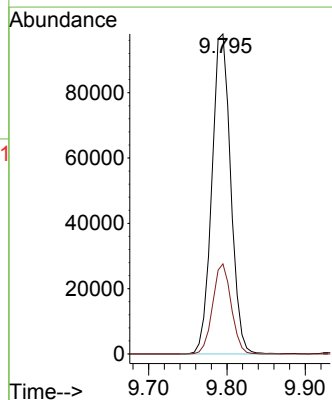
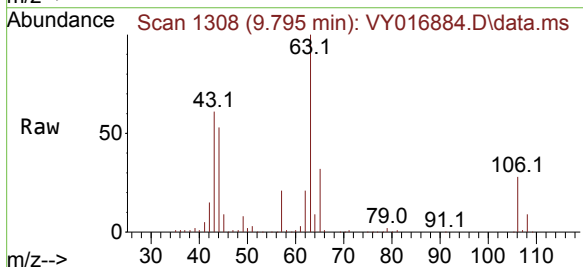
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

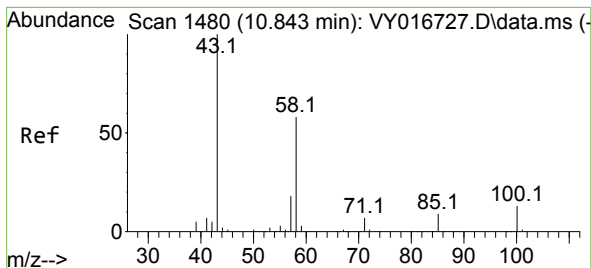
Tgt Ion: 76 Resp: 113484
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 325.787 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 63 Resp: 163715
Ion Ratio Lower Upper
63 100
106 27.7 22.4 33.6

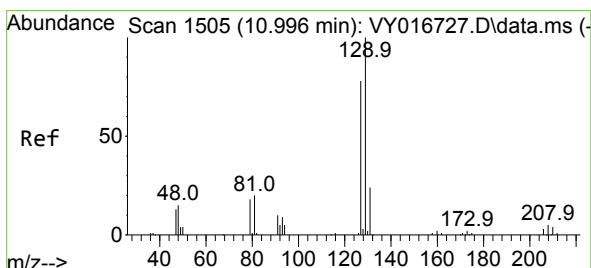
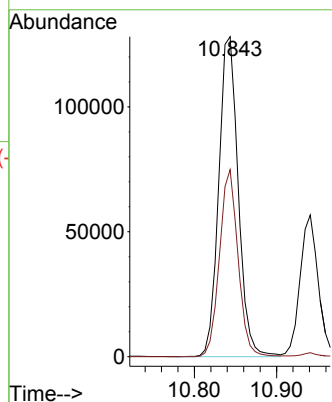
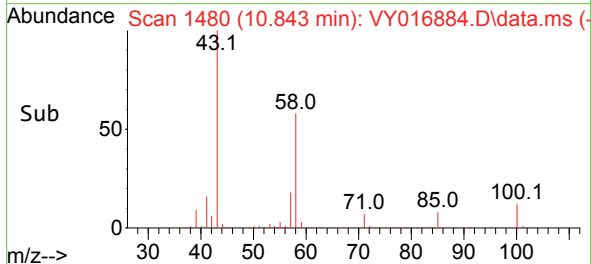
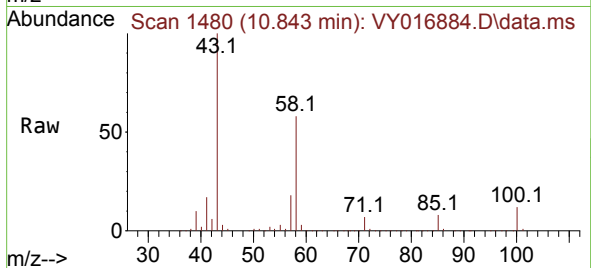




#59
2-Hexanone
Concen: 323.362 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

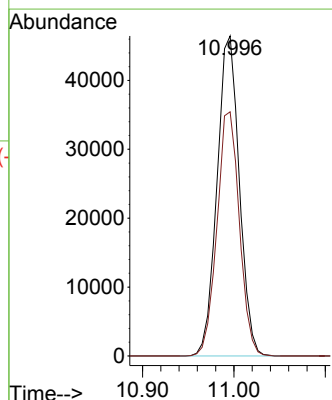
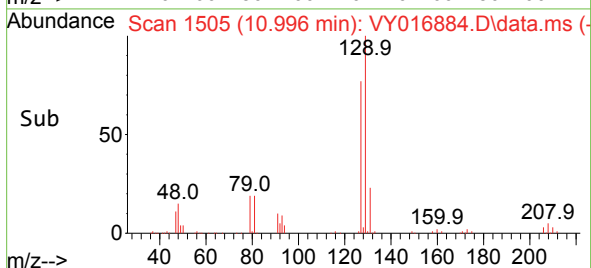
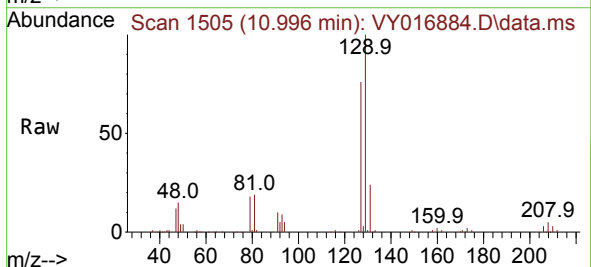
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

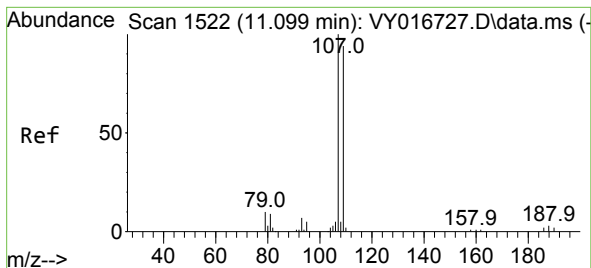
Tgt Ion: 43 Resp: 211162
Ion Ratio Lower Upper
43 100
58 55.8 28.1 84.3



#60
Dibromochloromethane
Concen: 64.019 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 129 Resp: 78673
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6

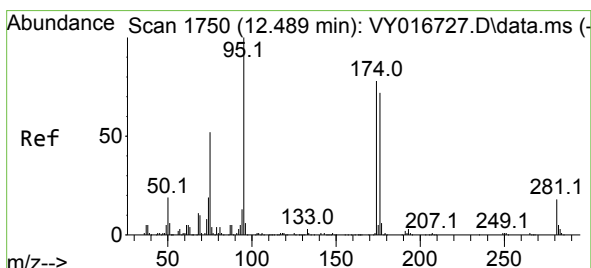
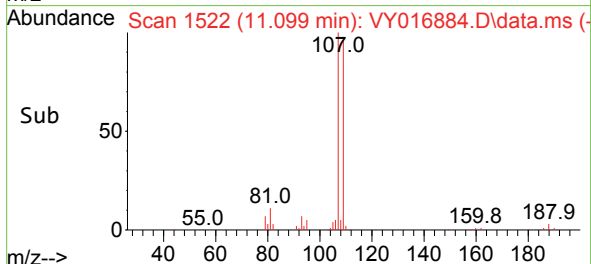
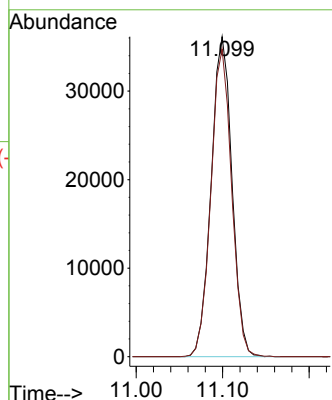
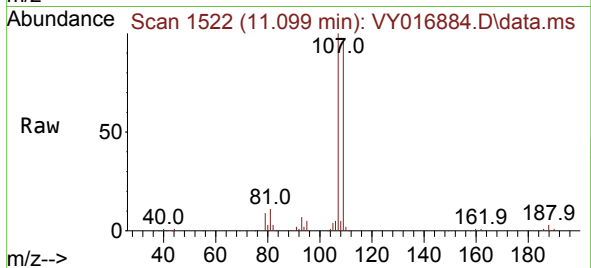




#61
1,2-Dibromoethane
Concen: 63.396 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

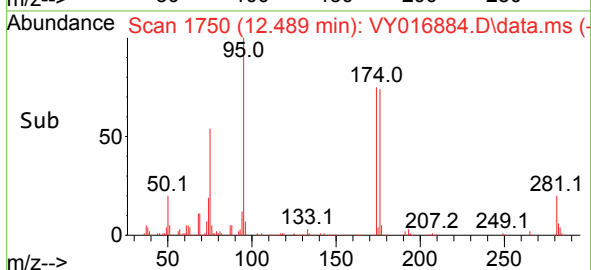
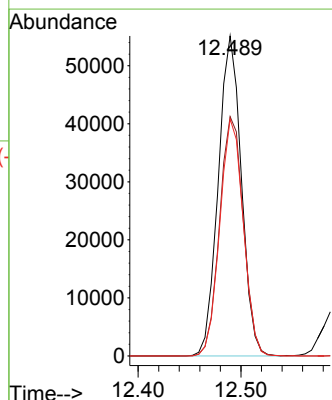
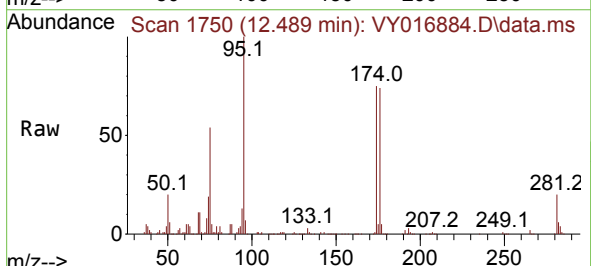
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

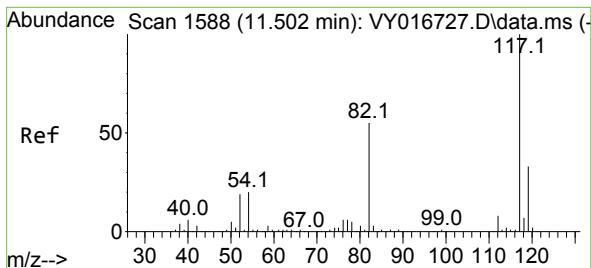
Tgt Ion:107 Resp: 60396
Ion Ratio Lower Upper
107 100
109 95.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 59.606 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 95 Resp: 85855
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.0
176 75.1 0.0 151.8

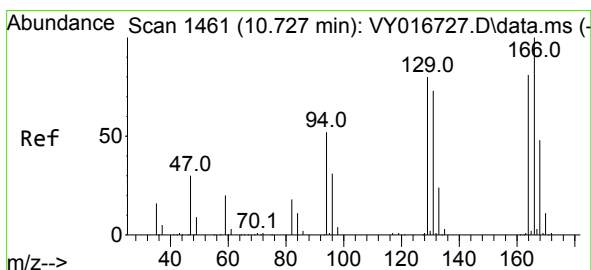
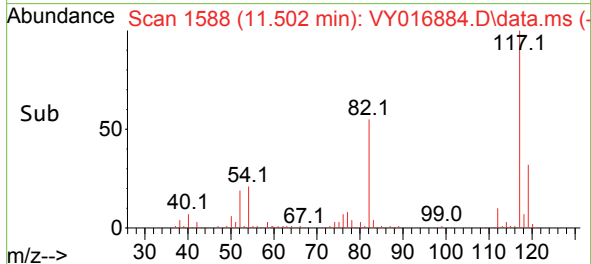
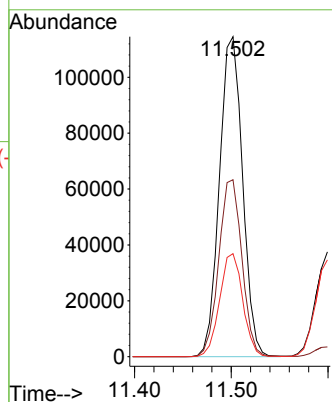
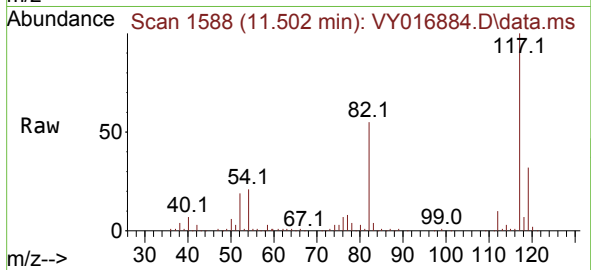




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

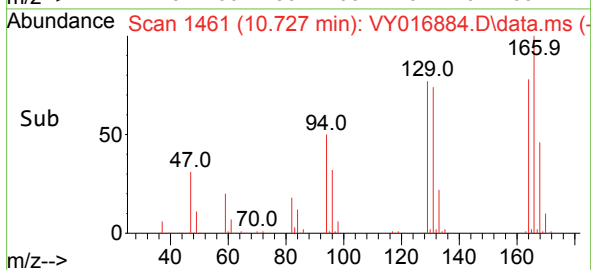
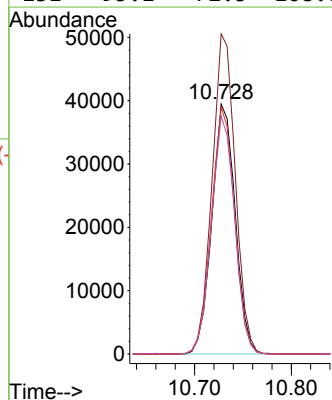
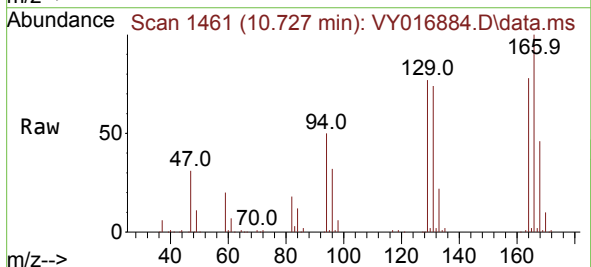
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

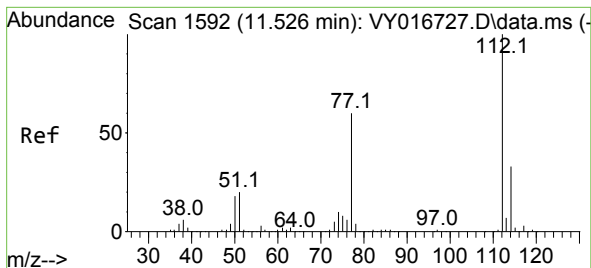
Tgt Ion:117 Resp: 190144
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 55.913 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion:164 Resp: 66043
Ion Ratio Lower Upper
164 100
166 128.1 98.8 148.2
129 98.7 78.9 118.3
131 95.1 72.5 108.7





#65

Chlorobenzene

Concen: 58.450 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

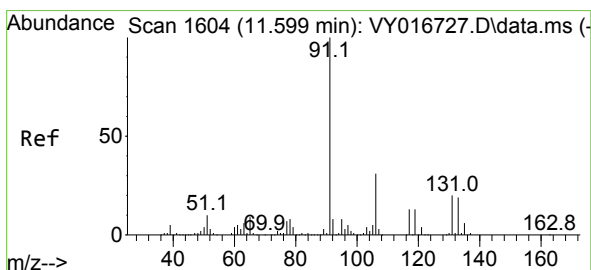
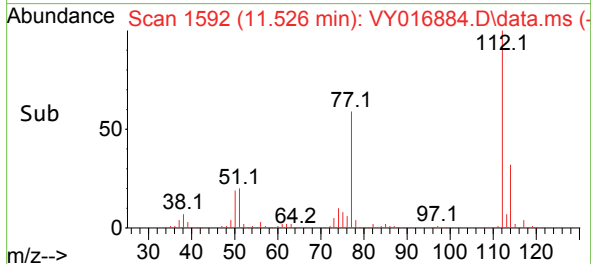
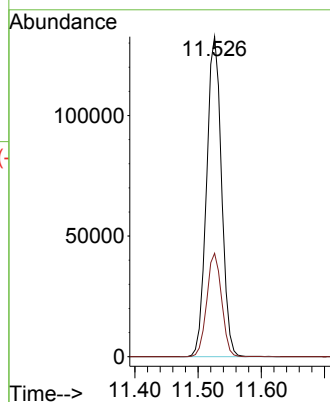
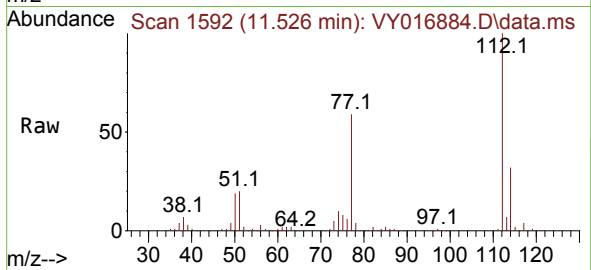
VSTDCCC050EC

Tgt Ion:112 Resp: 218359

Ion Ratio Lower Upper

112 100

114 32.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 58.907 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

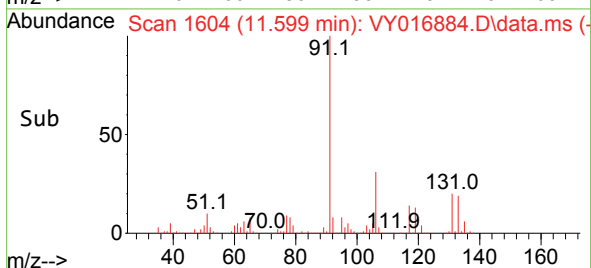
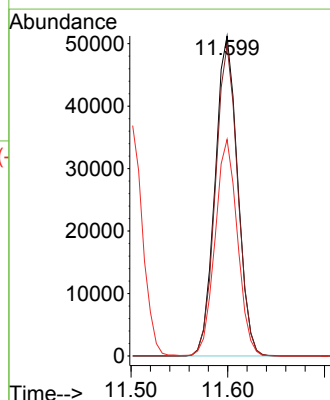
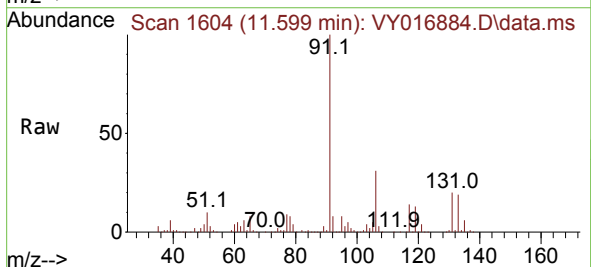
Tgt Ion:131 Resp: 82799

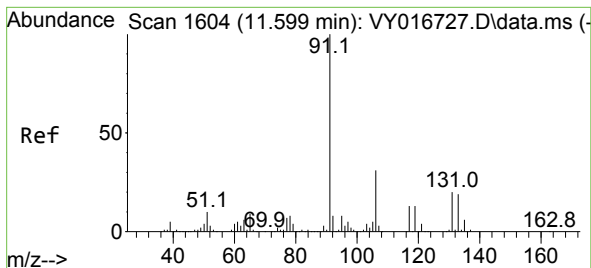
Ion Ratio Lower Upper

131 100

133 96.3 47.0 141.0

119 67.3 33.3 99.9





#67

Ethyl Benzene

Concen: 58.810 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

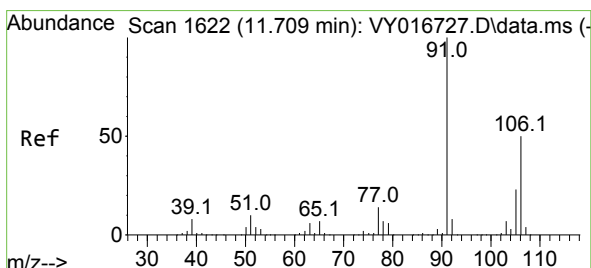
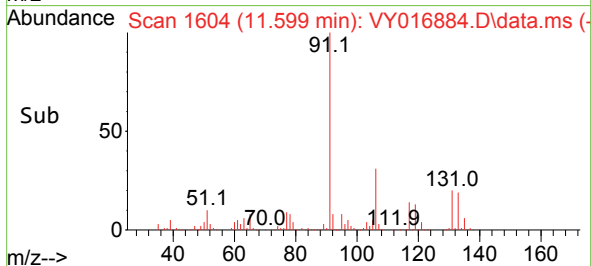
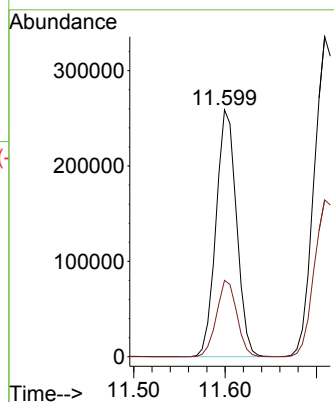
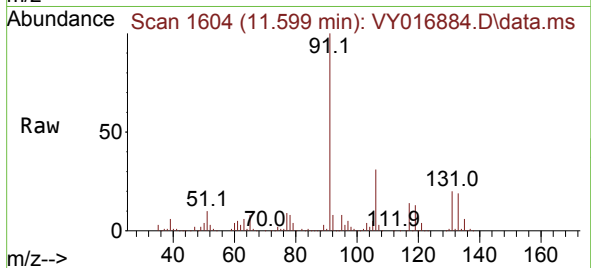
VSTDCCC050EC

Tgt Ion: 91 Resp: 404380

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 118.661 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016884.D

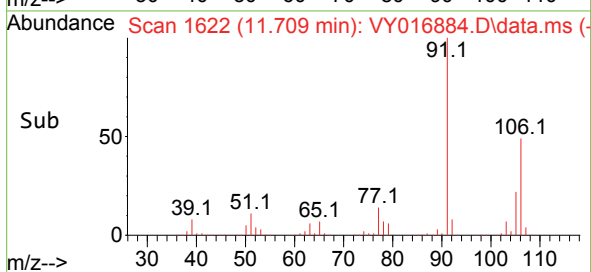
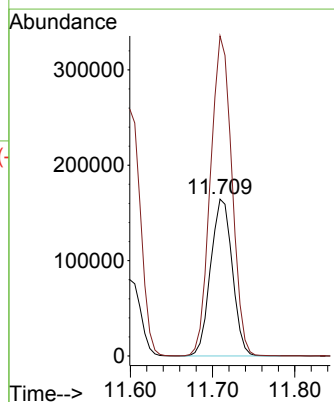
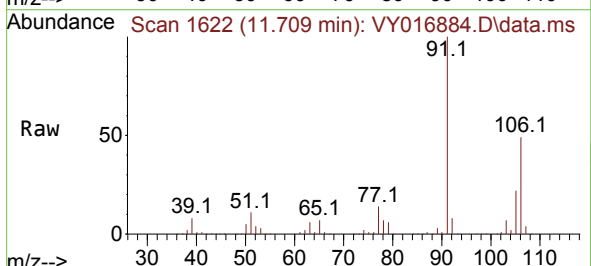
Acq: 27 Dec 2023 17:43

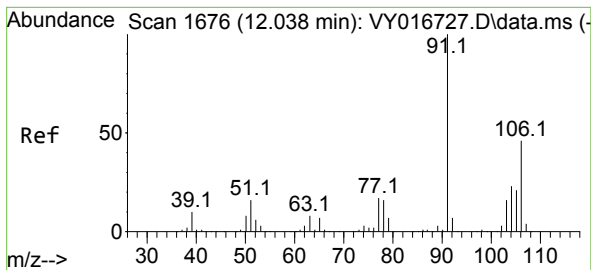
Tgt Ion: 106 Resp: 301298

Ion Ratio Lower Upper

106 100

91 202.1 160.7 241.1





#69

o-Xylene

Concen: 61.215 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

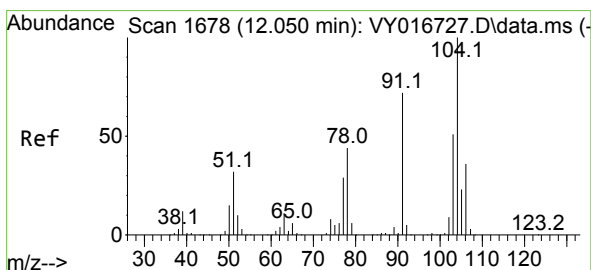
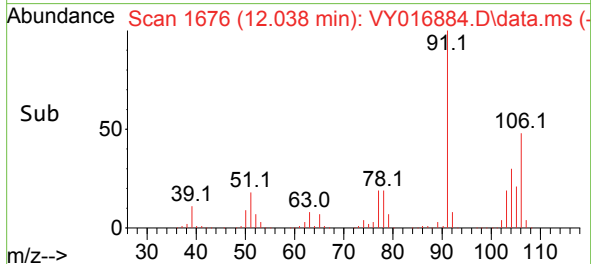
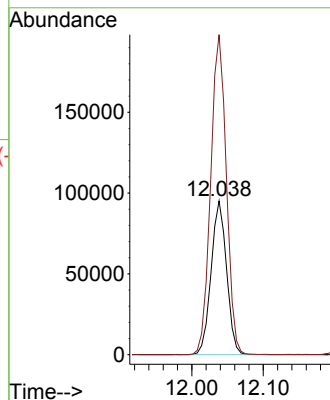
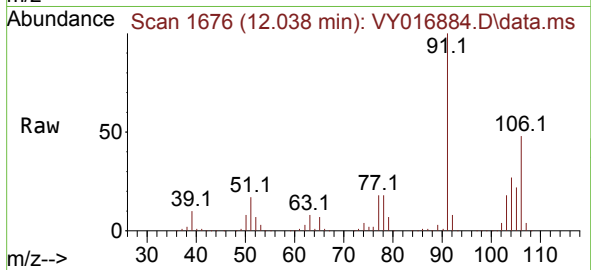
VSTDCCC050EC

Tgt Ion:106 Resp: 142597

Ion Ratio Lower Upper

106 100

91 211.7 106.5 319.5



#70

Styrene

Concen: 62.568 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

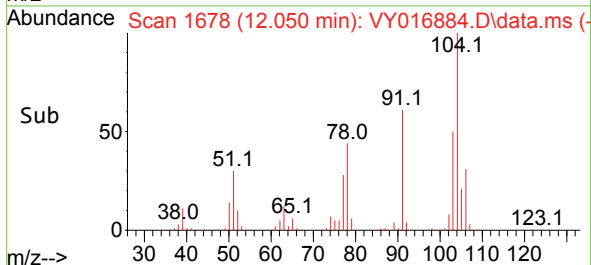
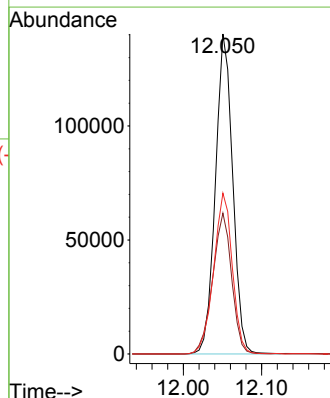
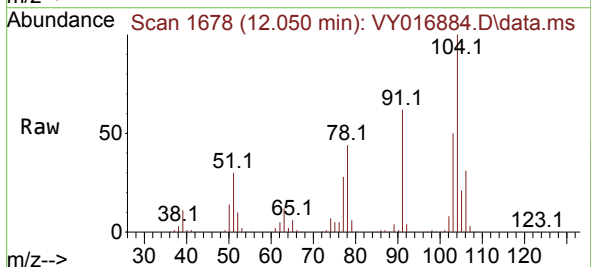
Tgt Ion:104 Resp: 215670

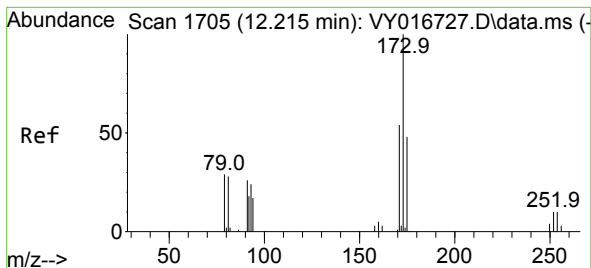
Ion Ratio Lower Upper

104 100

78 48.3 39.2 58.8

103 54.2 43.8 65.6





#71

Bromoform

Concen: 62.692 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

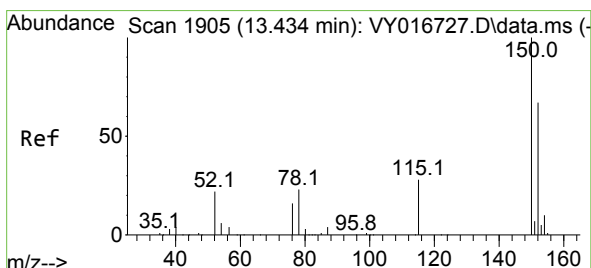
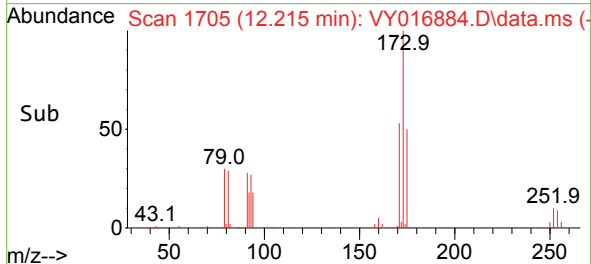
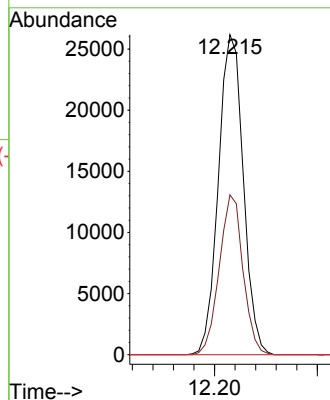
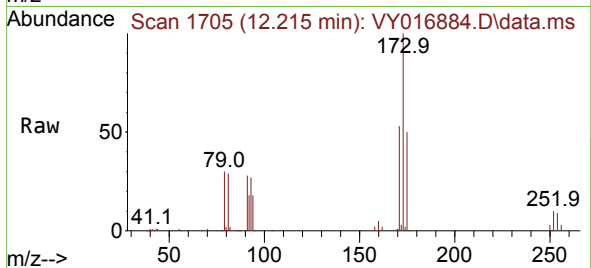
Tgt Ion:173 Resp: 43932

Ion Ratio Lower Upper

173 100

175 47.7 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

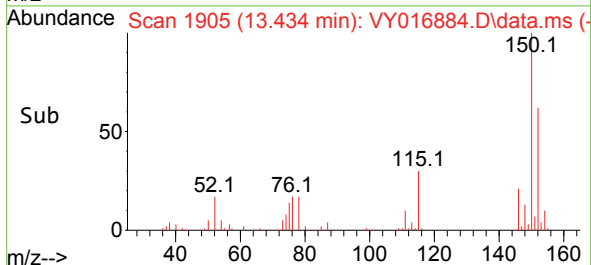
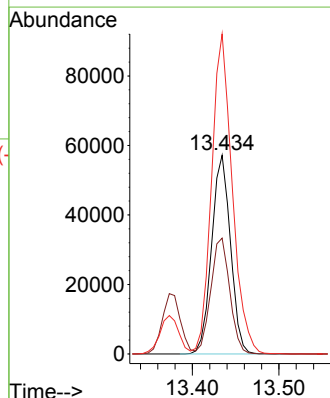
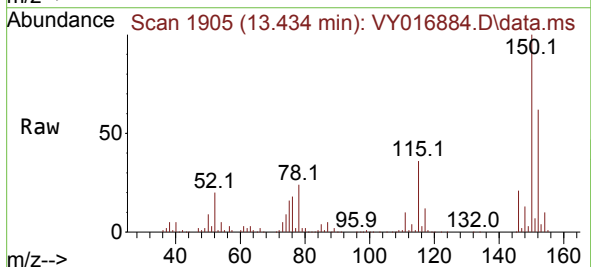
Tgt Ion:152 Resp: 86534

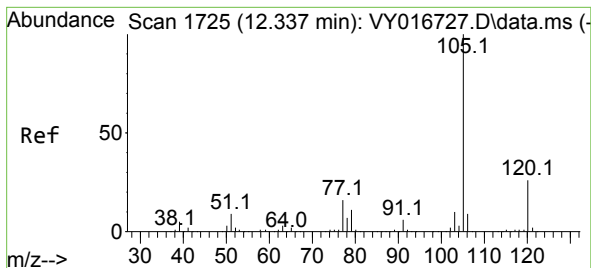
Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 176.3 0.0 344.6





#73

Isopropylbenzene

Concen: 56.572 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

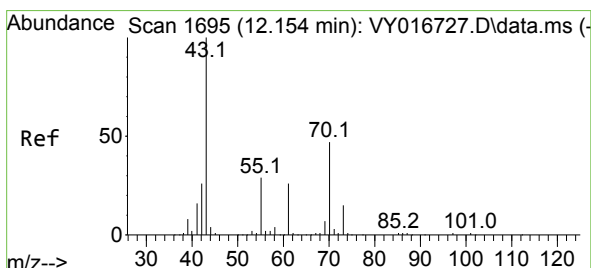
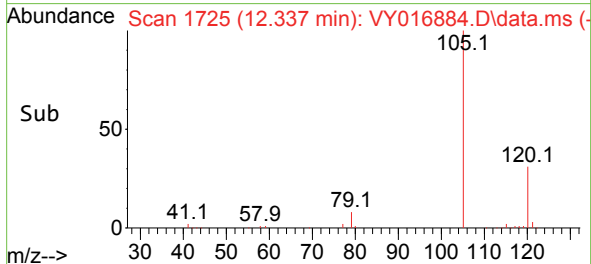
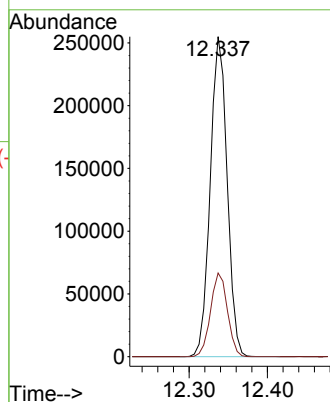
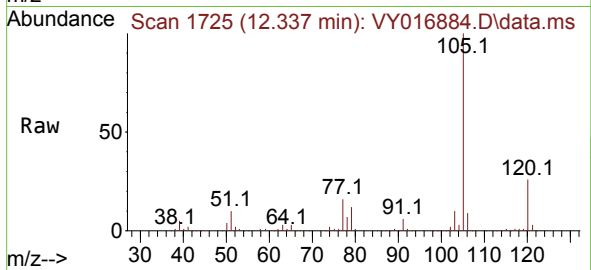
VSTDCCC050EC

Tgt Ion:105 Resp: 381260

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 60.869 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Tgt Ion: 43 Resp: 86091

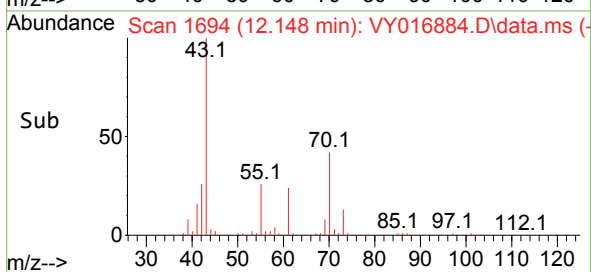
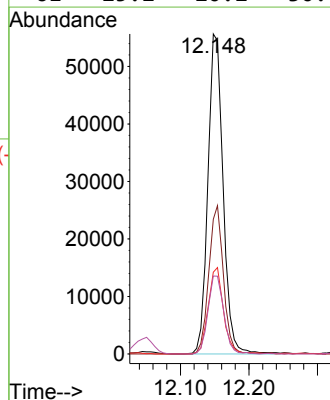
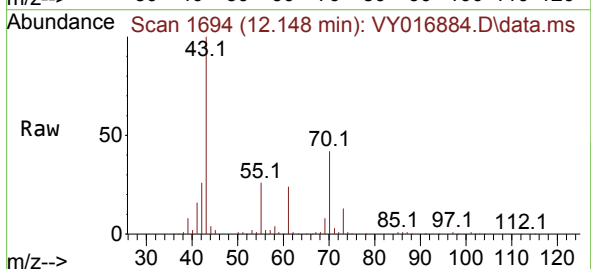
Ion Ratio Lower Upper

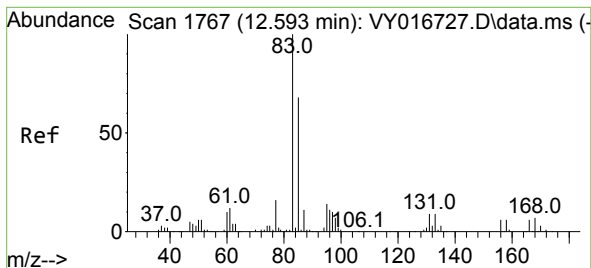
43 100

70 44.7 36.6 55.0

55 27.2 22.2 33.4

61 25.2 20.2 30.4

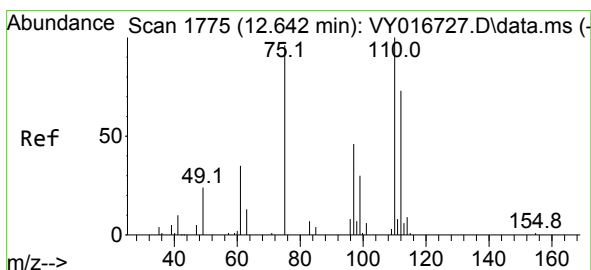
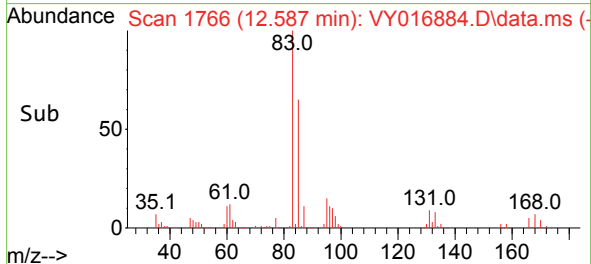
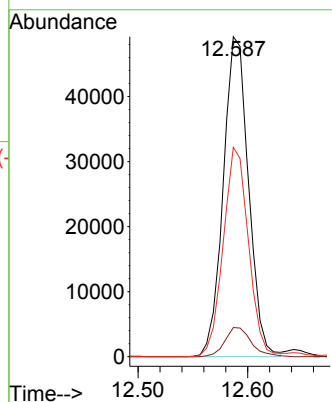
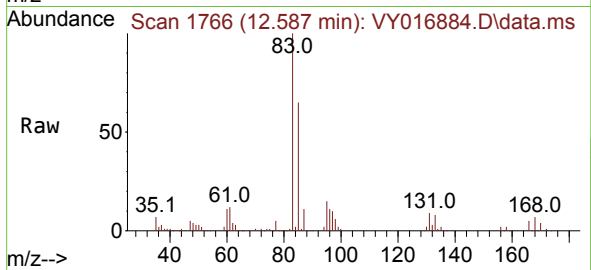




#75
1,1,2,2-Tetrachloroethane
Concen: 58.592 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

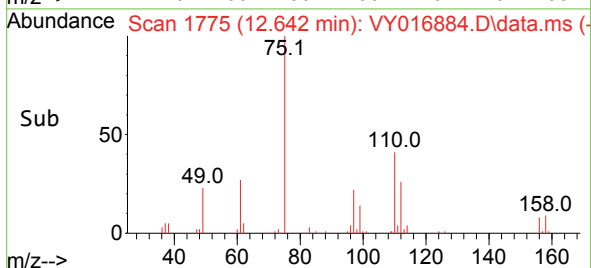
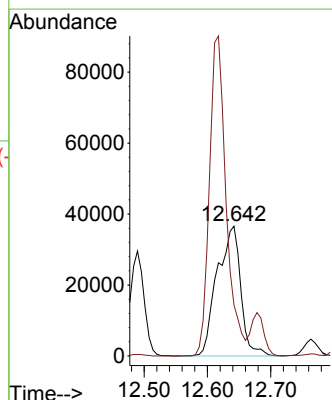
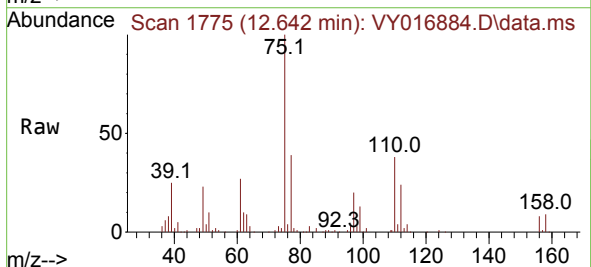
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

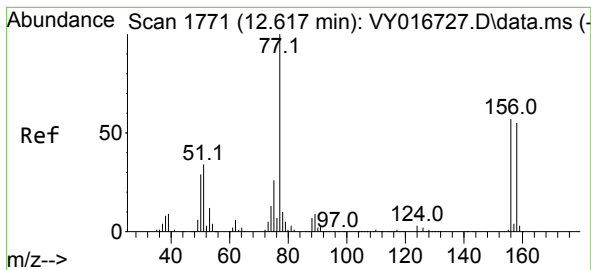
Tgt Ion: 83 Resp: 78909
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 65.5 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 98.922 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 75 Resp: 94628
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.484 ug/l

RT: 12.617 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

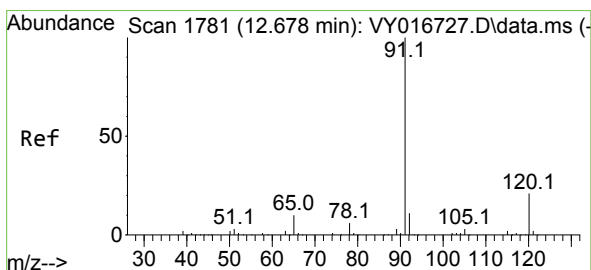
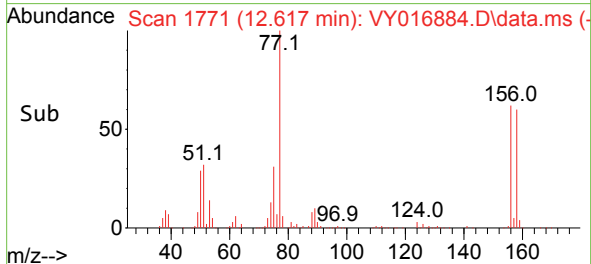
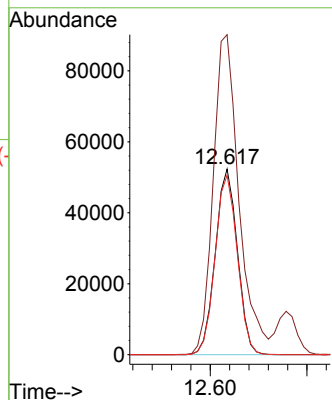
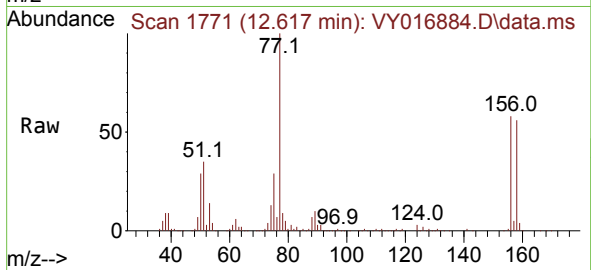
Tgt Ion:156 Resp: 83046

Ion Ratio Lower Upper

156 100

77 200.4 97.3 291.8

158 97.0 48.4 145.0



#78

n-propylbenzene

Concen: 57.330 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016884.D

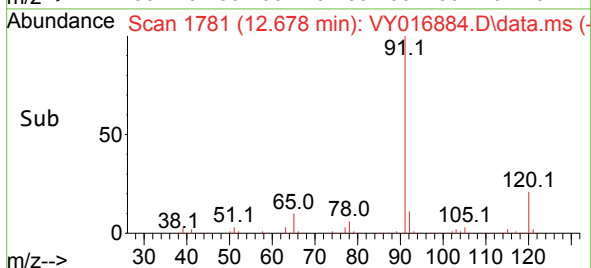
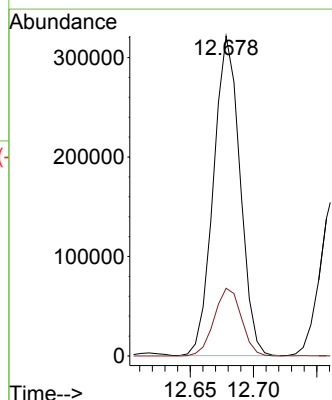
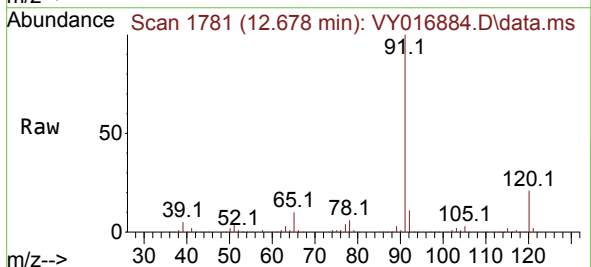
Acq: 27 Dec 2023 17:43

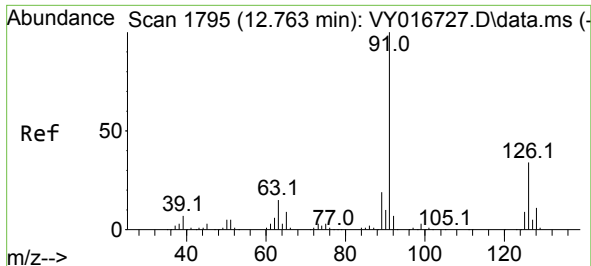
Tgt Ion: 91 Resp: 468117

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 56.812 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

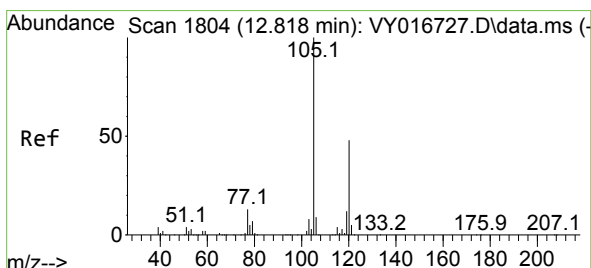
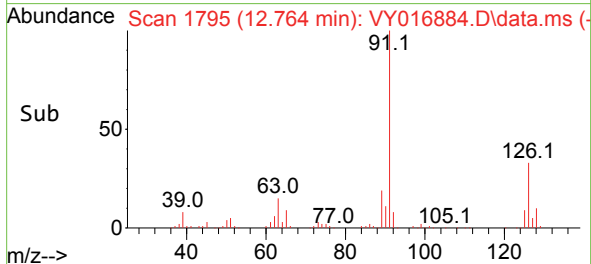
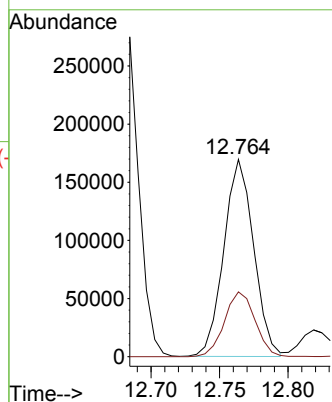
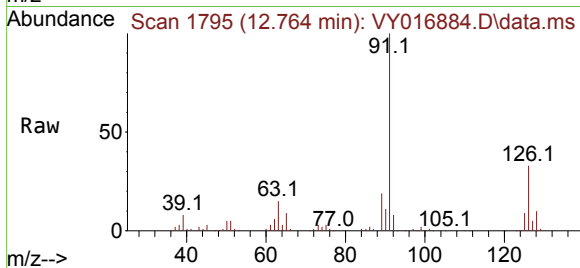
VSTDCCC050EC

Tgt Ion: 91 Resp: 256690

Ion Ratio Lower Upper

91 100

126 33.8 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 58.058 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016884.D

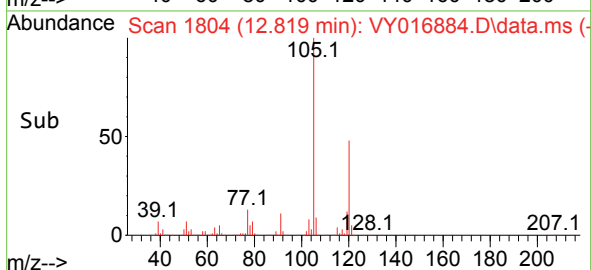
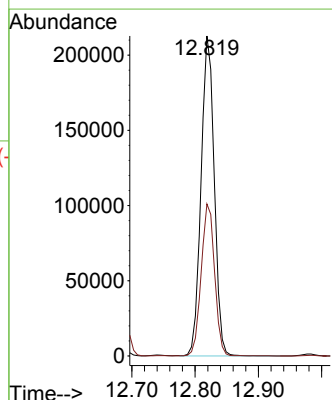
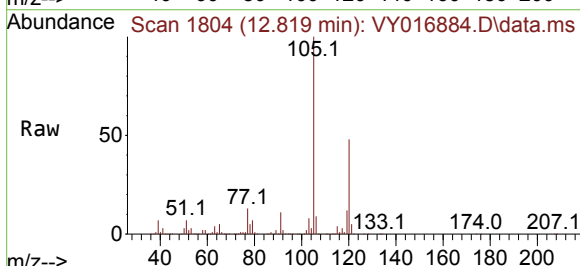
Acq: 27 Dec 2023 17:43

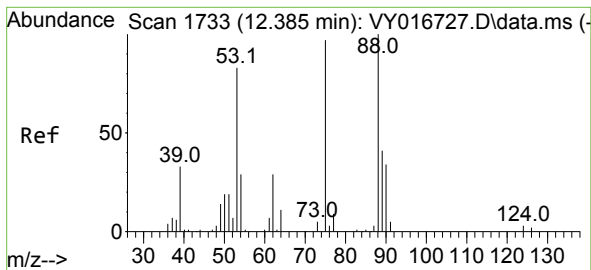
Tgt Ion:105 Resp: 309727

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8

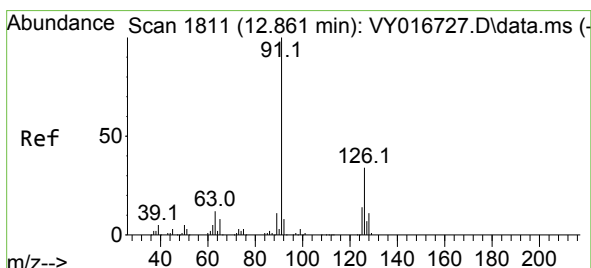
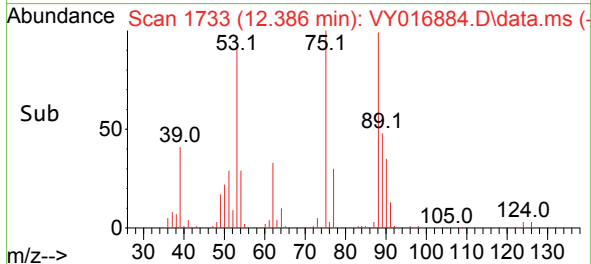
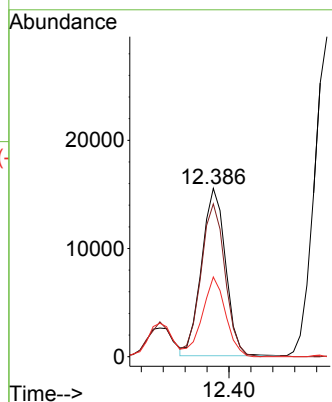
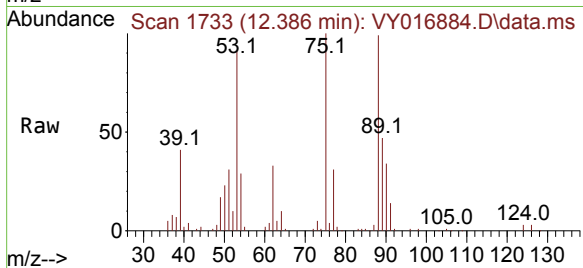




#81
trans-1,4-Dichloro-2-butene
Concen: 57.619 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

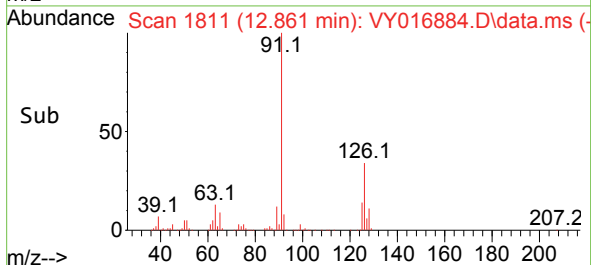
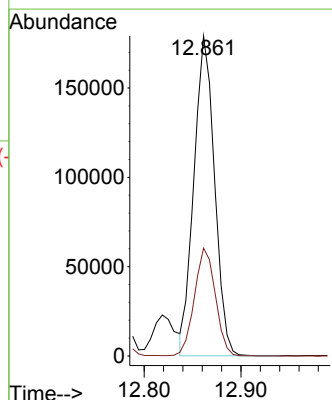
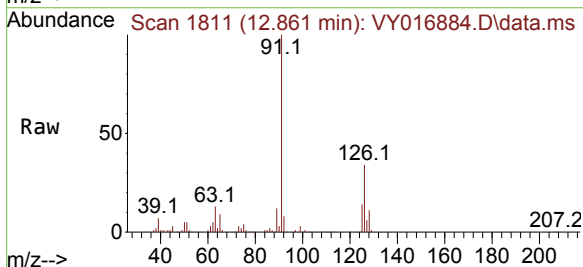
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

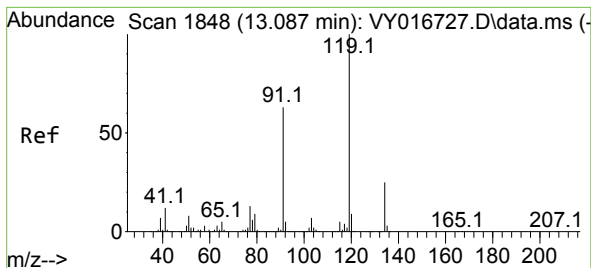
Tgt Ion: 75 Resp: 23470
Ion Ratio Lower Upper
75 100
53 92.7 74.0 111.0
89 46.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 57.176 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016884.D
Acq: 27 Dec 2023 17:43

Tgt Ion: 91 Resp: 265025
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 56.454 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

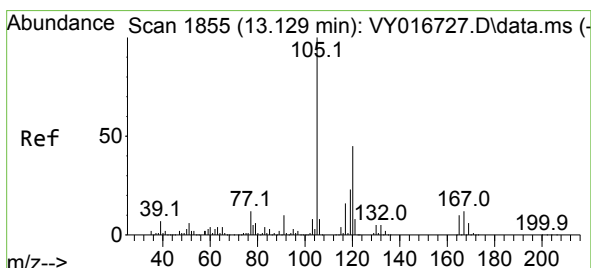
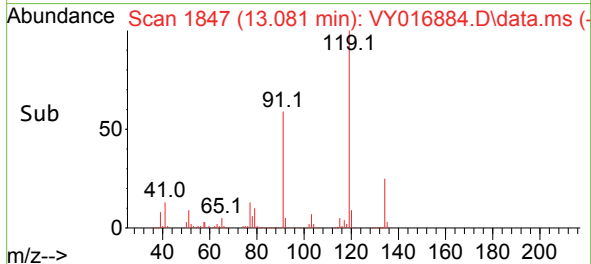
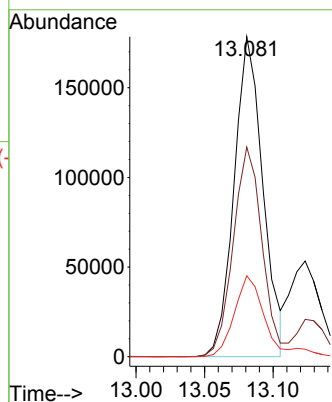
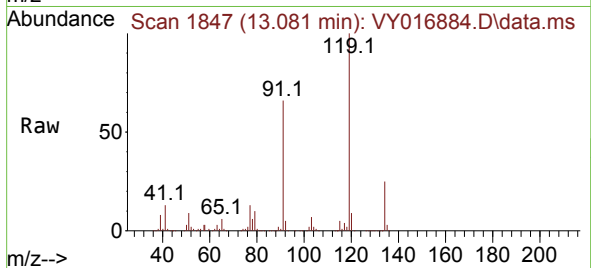
Tgt Ion:119 Resp: 261970

Ion Ratio Lower Upper

119 100

91 66.2 31.5 94.5

134 27.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 58.602 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016884.D

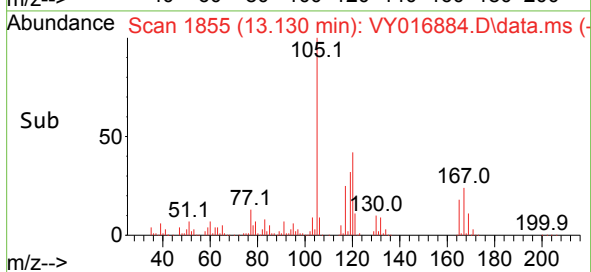
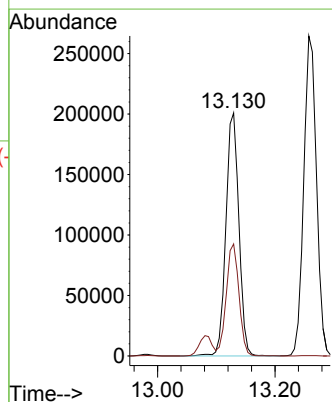
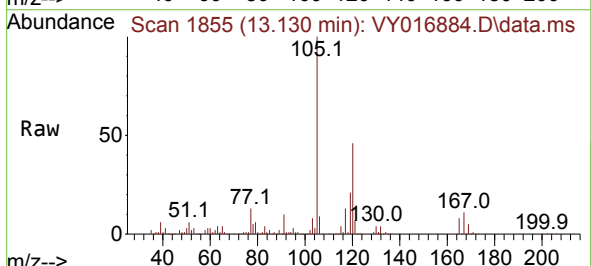
Acq: 27 Dec 2023 17:43

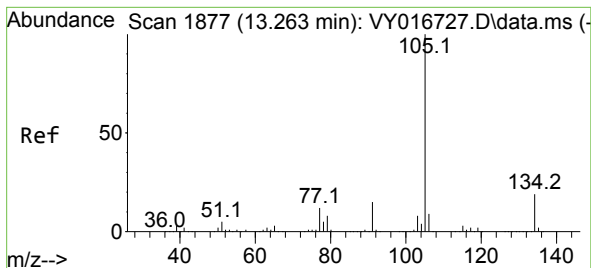
Tgt Ion:105 Resp: 308272

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 57.692 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

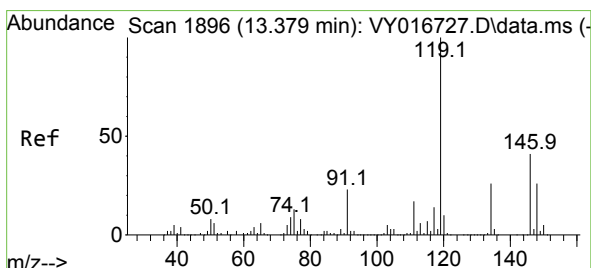
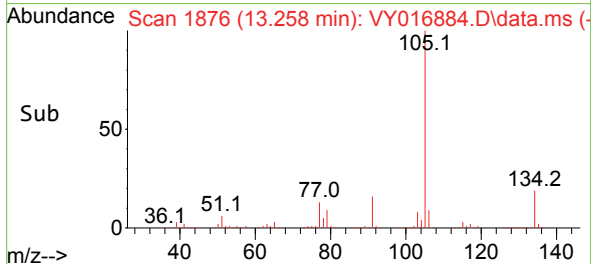
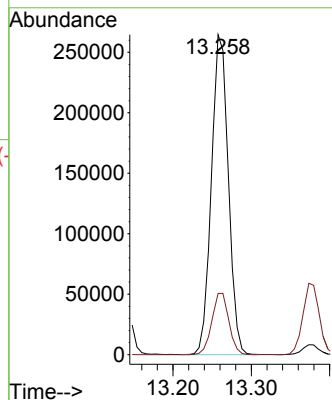
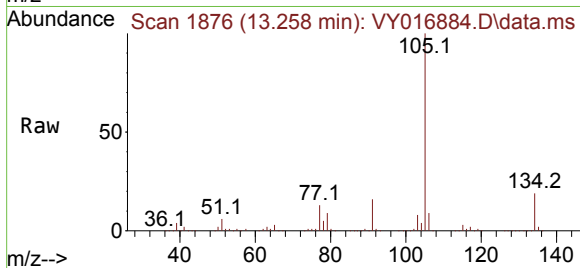
VSTDCCC050EC

Tgt Ion:105 Resp: 396530

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 57.968 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

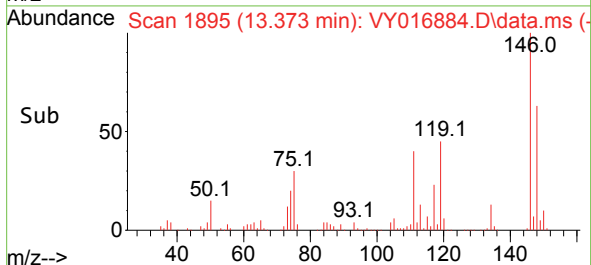
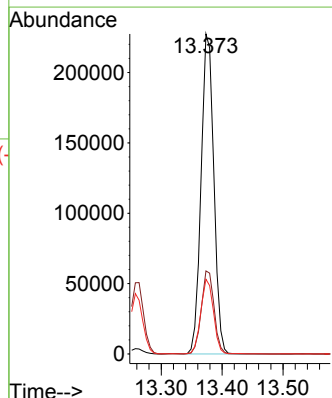
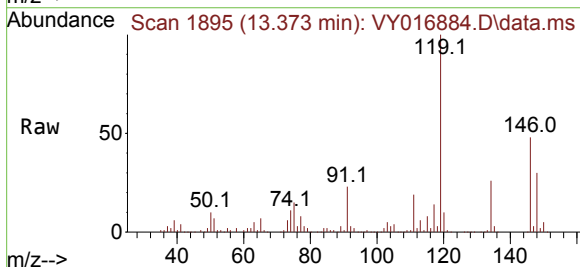
Tgt Ion:119 Resp: 331804

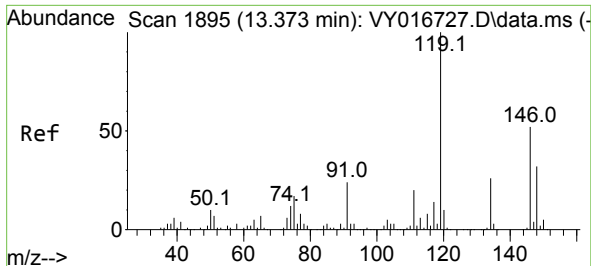
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 57.082 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

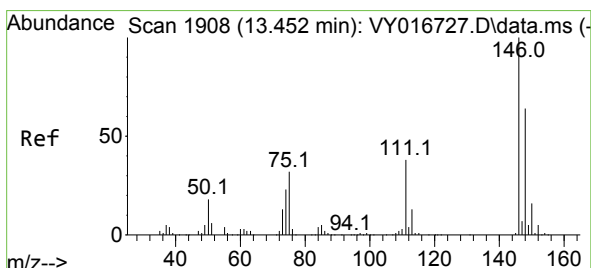
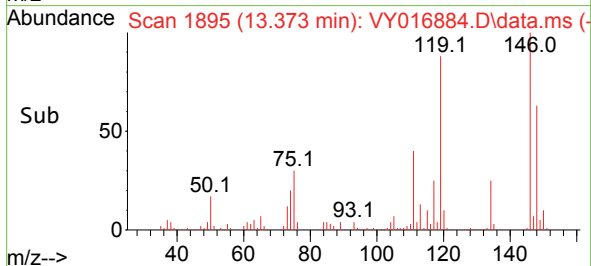
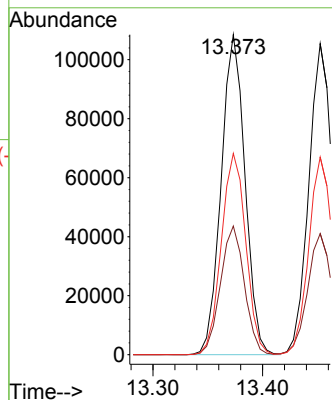
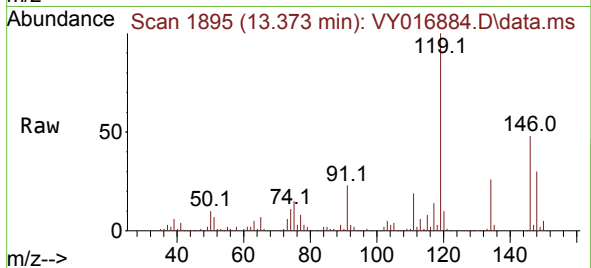
Tgt Ion:146 Resp: 164011

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.5

148 64.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 57.042 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

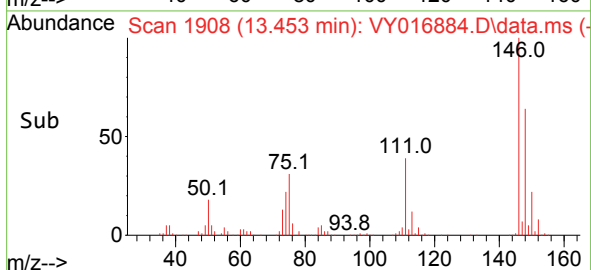
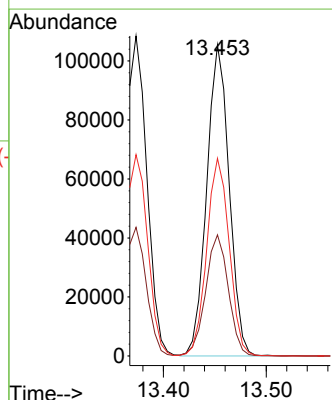
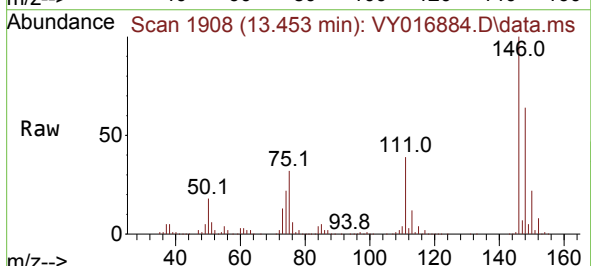
Tgt Ion:146 Resp: 160039

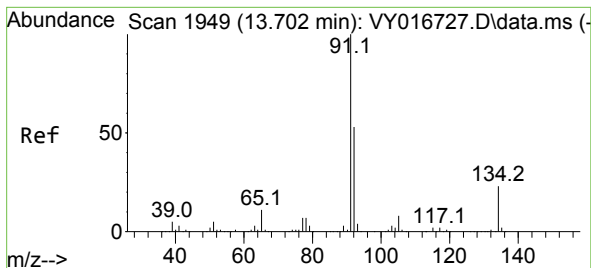
Ion Ratio Lower Upper

146 100

111 39.6 19.3 57.9

148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 57.844 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

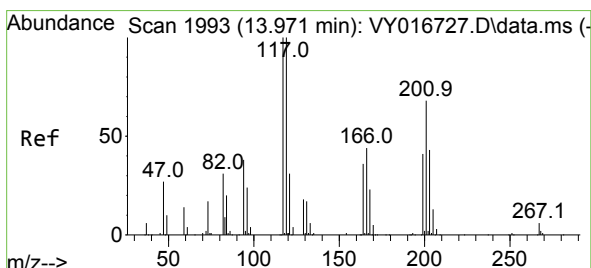
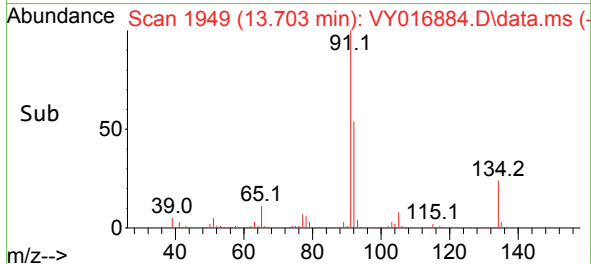
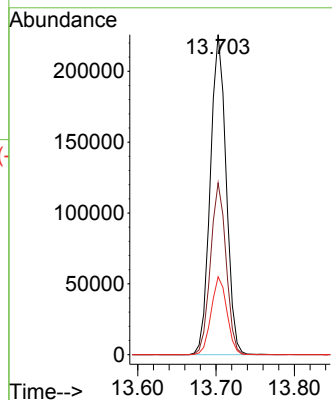
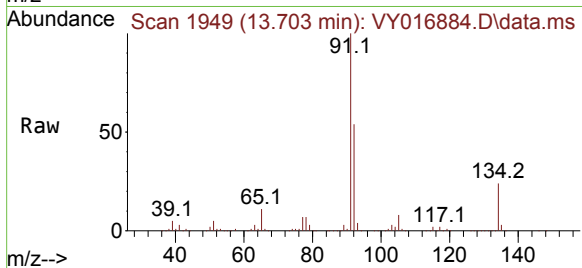
Tgt Ion: 91 Resp: 316503

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 56.383 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016884.D

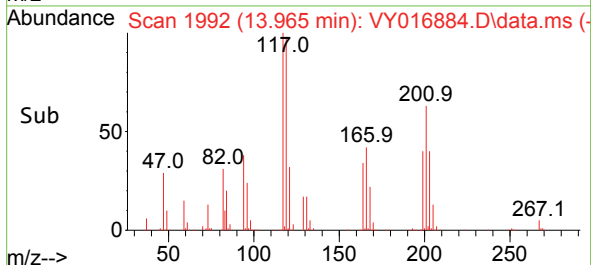
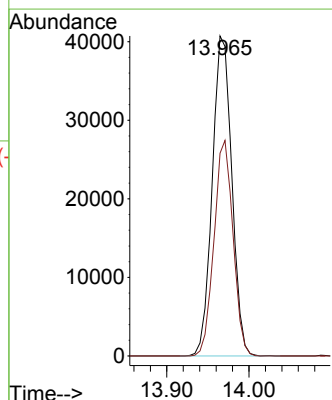
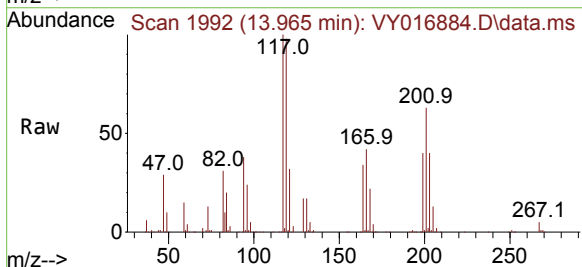
Acq: 27 Dec 2023 17:43

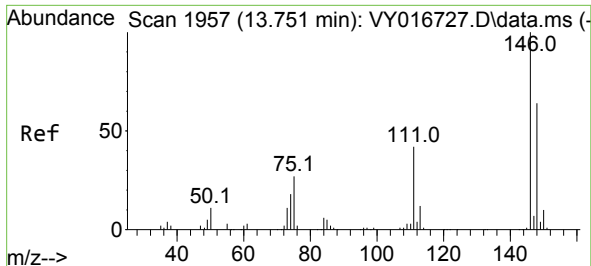
Tgt Ion: 117 Resp: 67203

Ion Ratio Lower Upper

117 100

201 65.6 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 58.939 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

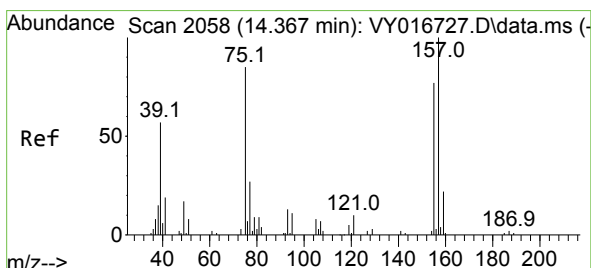
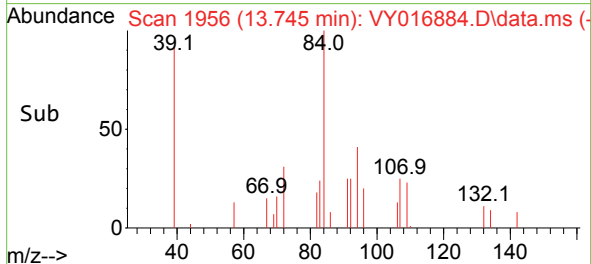
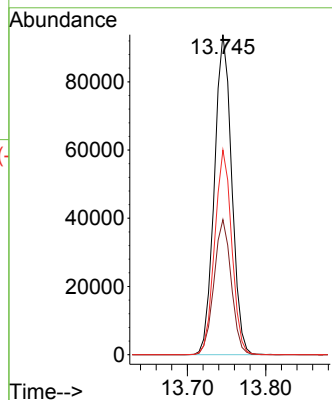
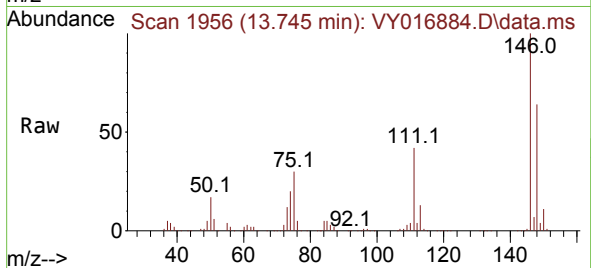
Tgt Ion:146 Resp: 144270

Ion Ratio Lower Upper

146 100

111 41.9 20.5 61.6

148 62.9 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.710 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

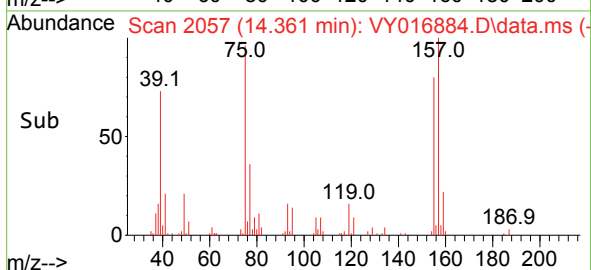
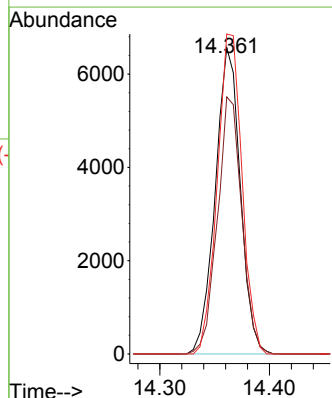
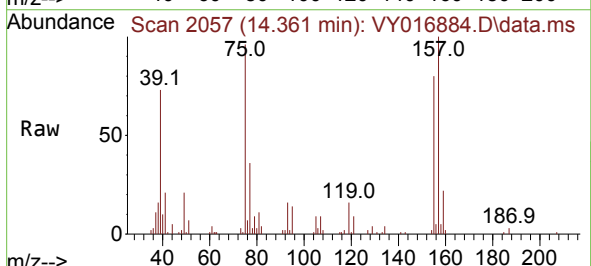
Tgt Ion: 75 Resp: 10424

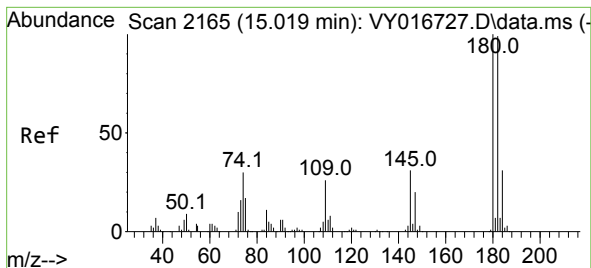
Ion Ratio Lower Upper

75 100

155 81.6 42.1 126.3

157 103.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 56.994 ug/l

RT: 15.013 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

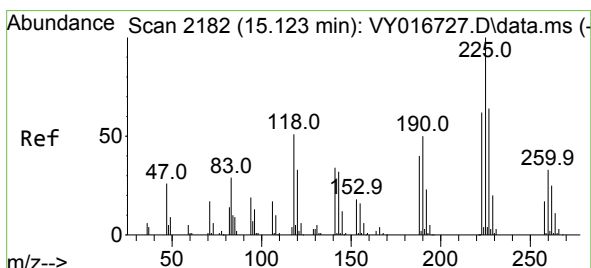
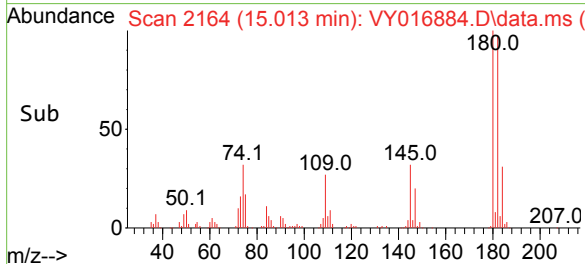
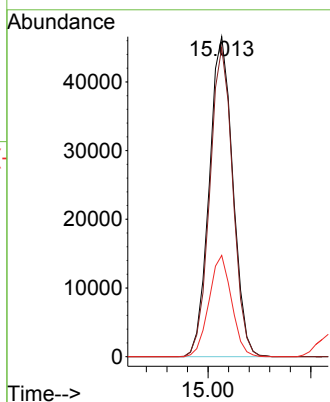
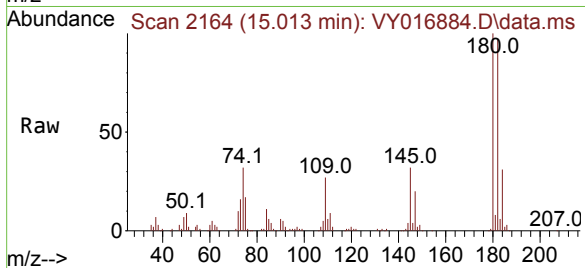
Tgt Ion:180 Resp: 74025

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 55.503 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

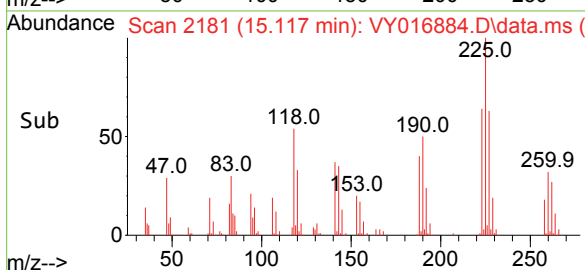
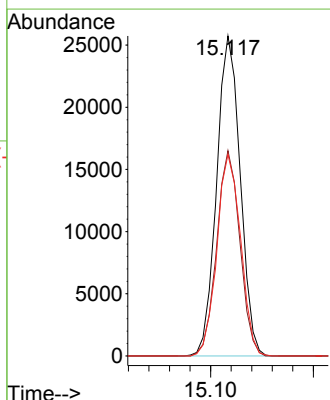
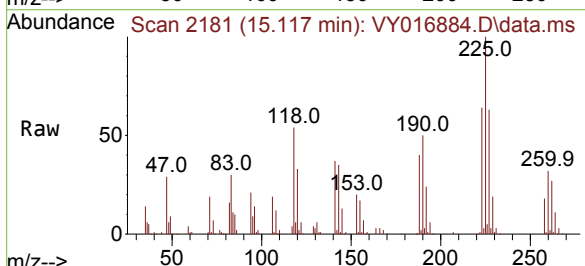
Tgt Ion:225 Resp: 40945

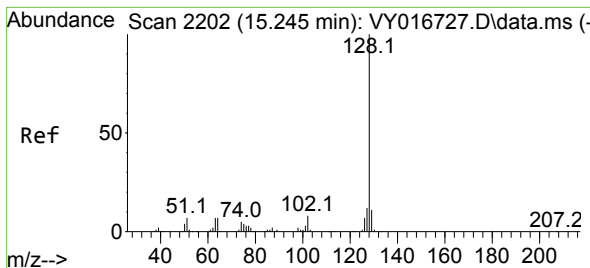
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.3

227 63.2 32.3 96.8





#95

Naphthalene

Concen: 52.402 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

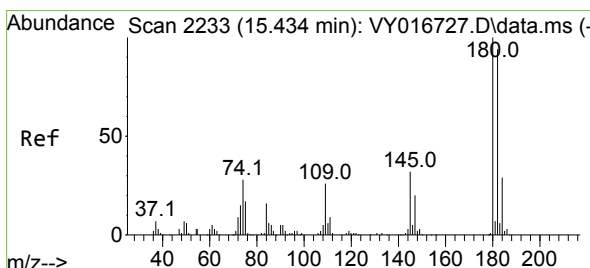
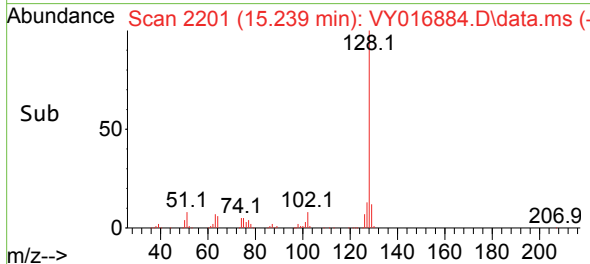
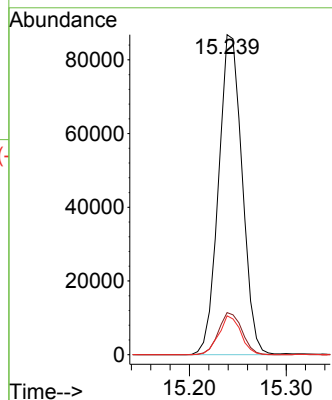
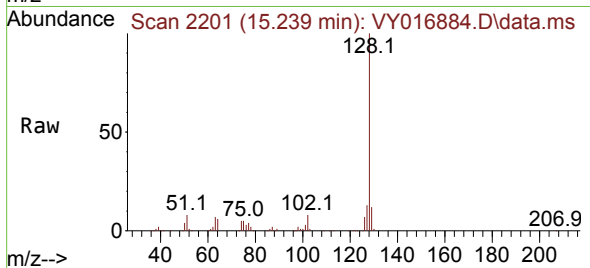
Tgt Ion:128 Resp: 147035

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 56.837 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016884.D

Acq: 27 Dec 2023 17:43

Tgt Ion:180 Resp: 62872

Ion Ratio Lower Upper

180 100

182 94.6 46.3 138.8

145 32.6 16.1 48.2

