

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016607.D
 Acq On : 06 Dec 2023 10:53
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Dec 07 00:29:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	202489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	290824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	254705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	123300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	98031	52.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.760%	
35) Dibromofluoromethane	7.734	113	93887	53.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.280%	
50) Toluene-d8	10.197	98	363768	54.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.900%	
62) 4-Bromofluorobenzene	12.495	95	123566	56.758	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	91911	51.386	ug/l	99
3) Chloromethane	2.125	50	77253	41.634	ug/l	99
4) Vinyl Chloride	2.266	62	82582	44.071	ug/l	95
5) Bromomethane	2.668	94	53593	45.659	ug/l	97
6) Chloroethane	2.808	64	53426	46.158	ug/l	95
7) Trichlorofluoromethane	3.143	101	198001	55.895	ug/l	98
8) Diethyl Ether	3.546	74	50061	50.742	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.918	101	102803	51.896	ug/l	96
10) Methyl Iodide	4.113	142	114818	54.858	ug/l	99
11) Tert butyl alcohol	4.972	59	36024	282.506	ug/l #	79
12) 1,1-Dichloroethene	3.893	96	95478	53.057	ug/l	92
13) Acrolein	3.747	56	50451	272.142	ug/l	98
14) Allyl chloride	4.503	41	129361	47.104	ug/l #	91
15) Acrylonitrile	5.186	53	97923	245.917	ug/l	99
16) Acetone	3.966	43	102589	242.235	ug/l	92
17) Carbon Disulfide	4.216	76	250979	49.746	ug/l	99
18) Methyl Acetate	4.497	43	85046	50.661	ug/l #	89
19) Methyl tert-butyl Ether	5.241	73	244718	55.321	ug/l	96
20) Methylene Chloride	4.741	84	94830	50.848	ug/l	86
21) trans-1,2-Dichloroethene	5.247	96	104377	51.579	ug/l	90
22) Diisopropyl ether	6.137	45	263706	46.690	ug/l #	91
23) Vinyl Acetate	6.082	43	646669	238.500	ug/l #	91
24) 1,1-Dichloroethane	6.039	63	168411	48.535	ug/l	96
25) 2-Butanone	7.003	43	134214	230.466	ug/l	92
26) 2,2-Dichloropropane	7.003	77	179083	54.898	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	116054	52.100	ug/l	92
28) Bromochloromethane	7.356	49	67187	47.803	ug/l #	71
29) Tetrahydrofuran	7.368	42	78052	235.080	ug/l #	85
30) Chloroform	7.527	83	192134	51.945	ug/l	95
31) Cyclohexane	7.807	56	144626	45.267	ug/l #	85
32) 1,1,1-Trichloroethane	7.722	97	196961	56.267	ug/l	97
36) 1,1-Dichloropropene	7.935	75	143091	53.784	ug/l	96
37) Ethyl Acetate	7.094	43	55451	49.810	ug/l #	93
38) Carbon Tetrachloride	7.923	117	186306	60.490	ug/l	99
39) Methylcyclohexane	9.203	83	179625	56.038	ug/l	88
40) Benzene	8.179	78	398431	53.132	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.368	41	79888	124.251	ug/l #	17
42) 1,2-Dichloroethane	8.258	62	122844	56.417	ug/l	96
43) Isopropyl Acetate	8.289	43	113646	52.918	ug/l #	91
44) Trichloroethene	8.953	130	129263	57.159	ug/l	95
45) 1,2-Dichloropropane	9.234	63	89119	49.363	ug/l	96
46) Dibromomethane	9.325	93	53768	54.326	ug/l	93
47) Bromodichloromethane	9.514	83	145519	55.227	ug/l	98
48) Methyl methacrylate	9.307	41	65906	53.139	ug/l	92
49) 1,4-Dioxane	9.313	88	11769	1174.810	ug/l #	67
51) 4-Methyl-2-Pentanone	10.081	43	291926	261.567	ug/l	92
52) Toluene	10.258	92	261583	55.657	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	139851	56.239	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	159055	54.462	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	75921	55.068	ug/l	92
56) Ethyl methacrylate	10.526	69	73380	58.066	ug/l	88
57) 1,3-Dichloropropane	10.807	76	125861	54.040	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	204412	262.473	ug/l #	84
59) 2-Hexanone	10.849	43	216430	256.346	ug/l	91
60) Dibromochloromethane	11.002	129	107395	58.300	ug/l	99
61) 1,2-Dibromoethane	11.105	107	72476	55.891	ug/l	99
64) Tetrachloroethene	10.734	164	136268	58.376	ug/l	97
65) Chlorobenzene	11.532	112	289251	56.068	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	114032	56.554	ug/l	97
67) Ethyl Benzene	11.605	91	515018	55.665	ug/l	98
68) m/p-Xylenes	11.715	106	401912	114.430	ug/l	93
69) o-Xylene	12.044	106	188230	57.408	ug/l	96
70) Styrene	12.057	104	273153	58.063	ug/l	98
71) Bromoform	12.221	173	65125	59.815	ug/l #	99
73) Isopropylbenzene	12.343	105	521412	57.110	ug/l	97
74) N-amyl acetate	12.154	43	94071	51.673	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.599	83	74920	51.592	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	108728	97.618	ug/l #	100
77) Bromobenzene	12.623	156	125625	58.382	ug/l	85
78) n-propylbenzene	12.684	91	592206	55.728	ug/l	96
79) 2-Chlorotoluene	12.770	91	328510	54.859	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	425892	57.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	26383	53.434	ug/l	96
82) 4-Chlorotoluene	12.867	91	338027	54.553	ug/l	96
83) tert-Butylbenzene	13.087	119	396918	59.882	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	419464	57.886	ug/l	97
85) sec-Butylbenzene	13.270	105	530899	57.028	ug/l	96
86) p-Isopropyltoluene	13.386	119	477893	59.136	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	234212	57.020	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	229955	57.044	ug/l	99
89) n-Butylbenzene	13.709	91	415244	57.137	ug/l	94
90) Hexachloroethane	13.977	117	87271	54.885	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	204212	57.907	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	14283	61.463	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	128926	64.787	ug/l	97
94) Hexachlorobutadiene	15.129	225	82322	65.476	ug/l	98
95) Naphthalene	15.251	128	222711	65.645	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	107335	66.218	ug/l	99

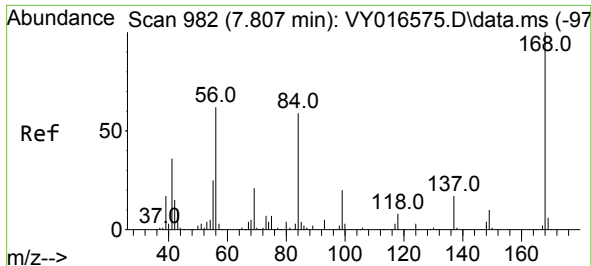
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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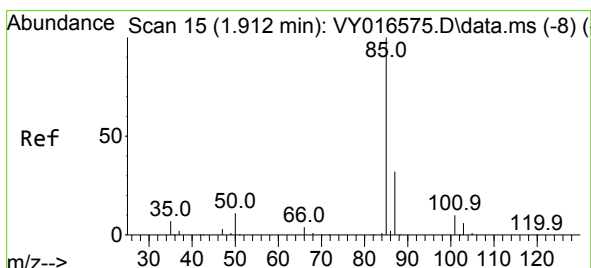
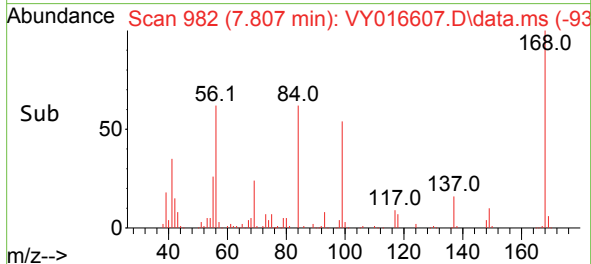
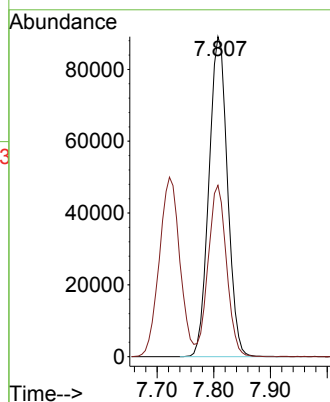
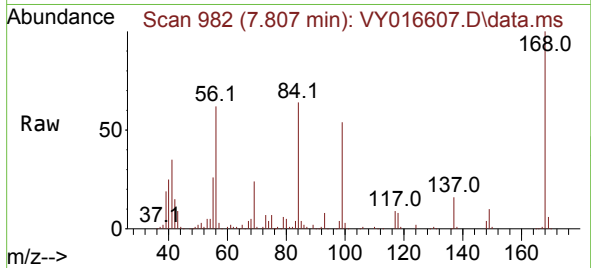
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

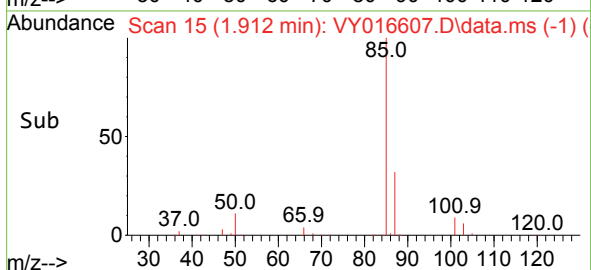
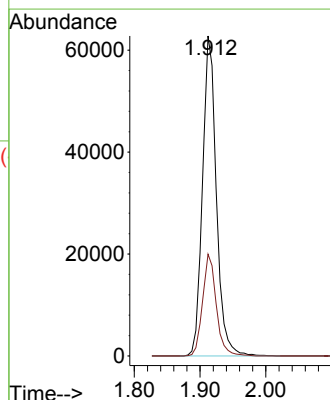
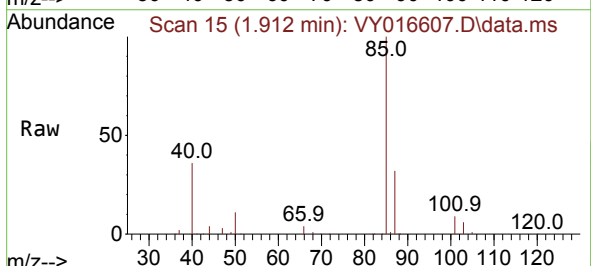
Instrument :
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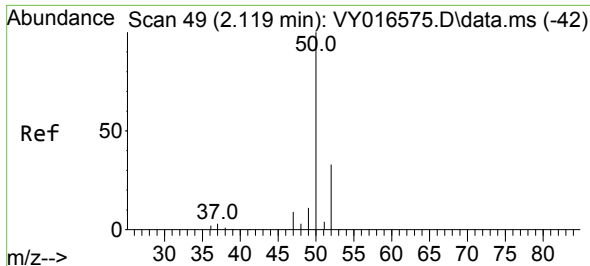
Tgt Ion:168 Resp: 202489
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 51.386 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 85 Resp: 91911
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8

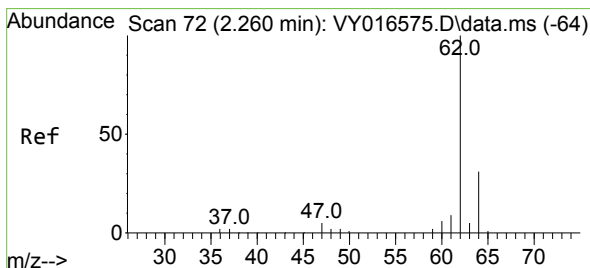
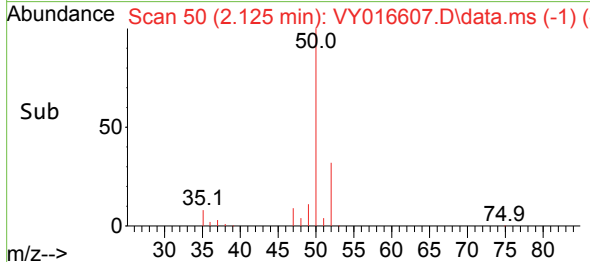
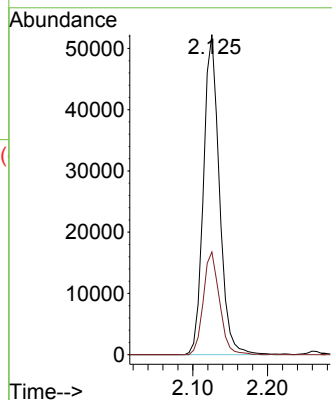
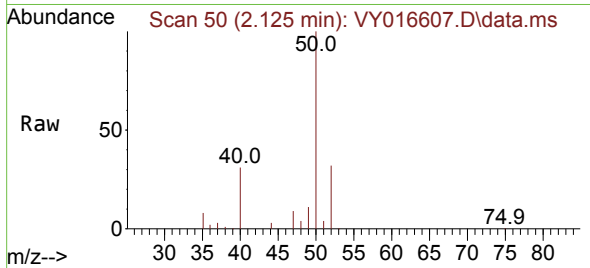




#3
Chloromethane
Concen: 41.634 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

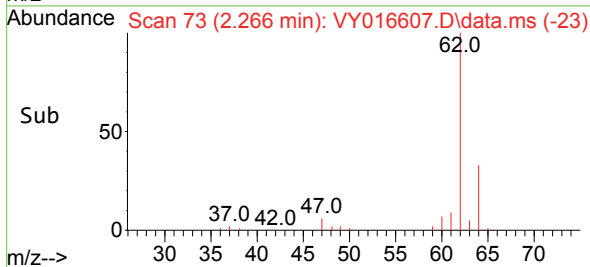
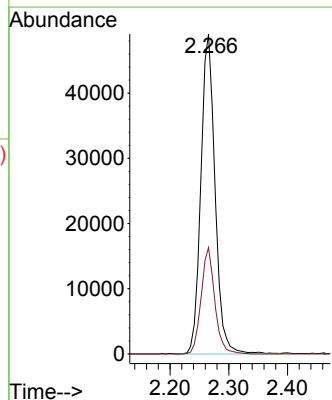
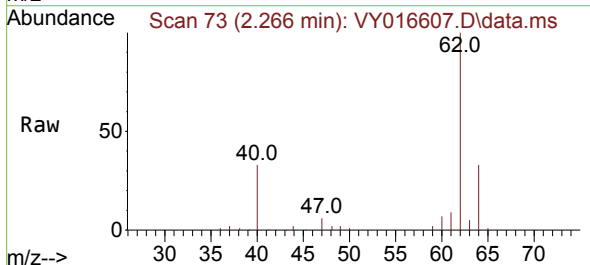
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

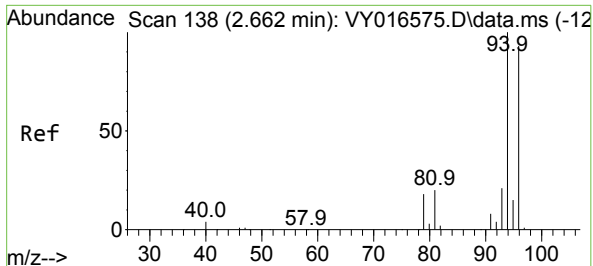
Tgt Ion: 50 Resp: 77253
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2



#4
Vinyl Chloride
Concen: 44.071 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 62 Resp: 82582
Ion Ratio Lower Upper
62 100
64 33.3 24.3 36.5





#5

Bromomethane

Concen: 45.659 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

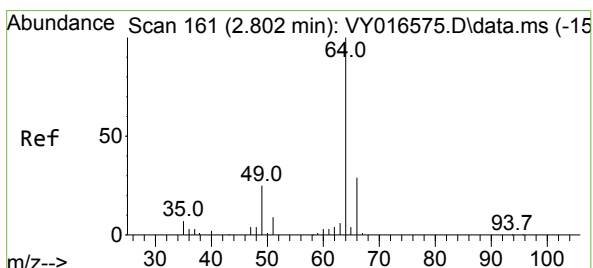
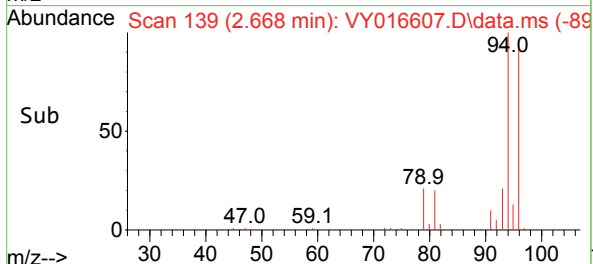
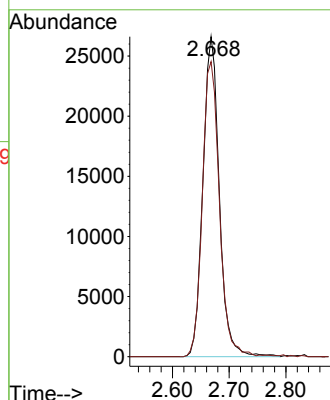
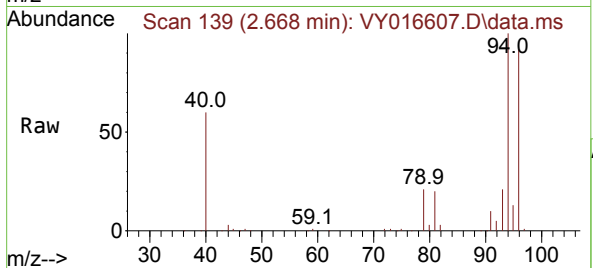
VSTDCCC050

Tgt Ion: 94 Resp: 53593

Ion Ratio Lower Upper

94 100

96 92.2 75.8 113.6



#6

Chloroethane

Concen: 46.158 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.006 min

Lab File: VY016607.D

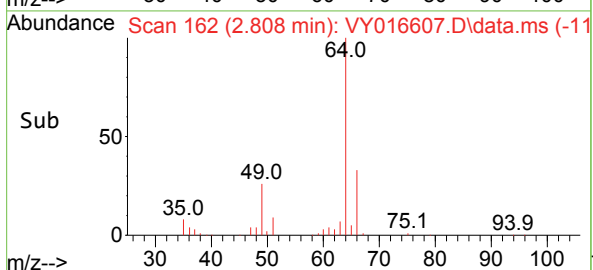
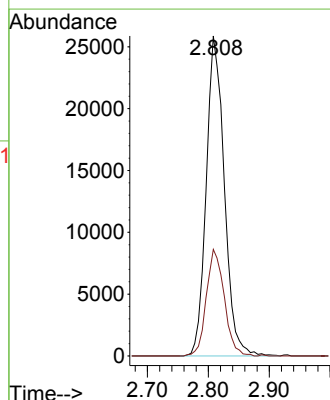
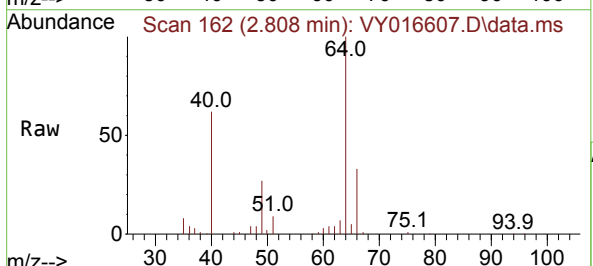
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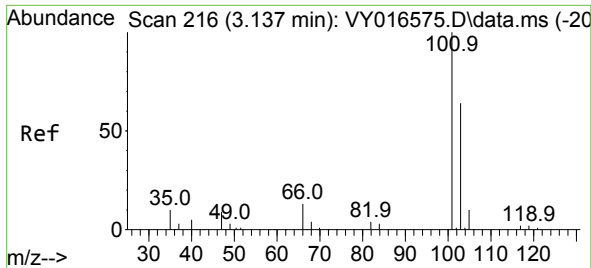
Tgt Ion: 64 Resp: 53426

Ion Ratio Lower Upper

64 100

66 33.3 24.4 36.6

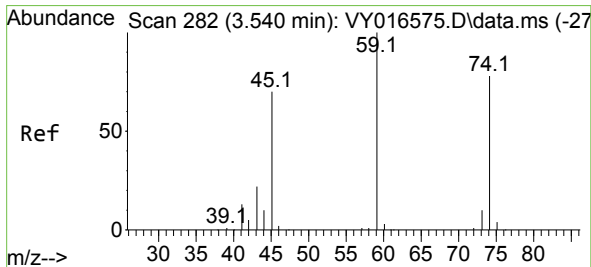
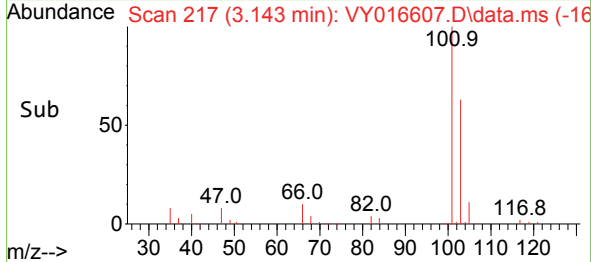
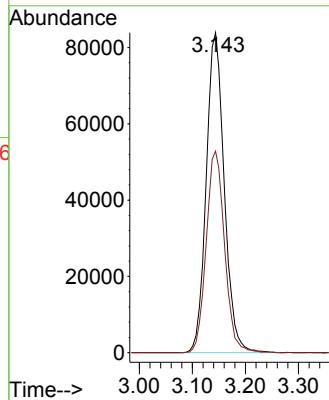
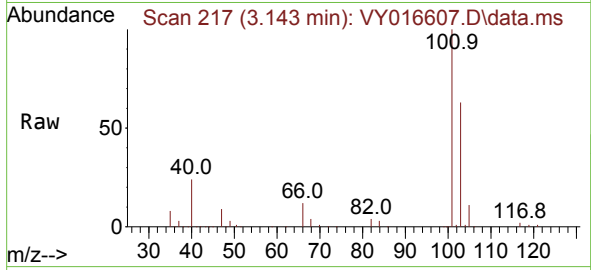




#7
 Trichlorofluoromethane
 Concen: 55.895 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016607.D
 Acq: 06 Dec 2023 10:53

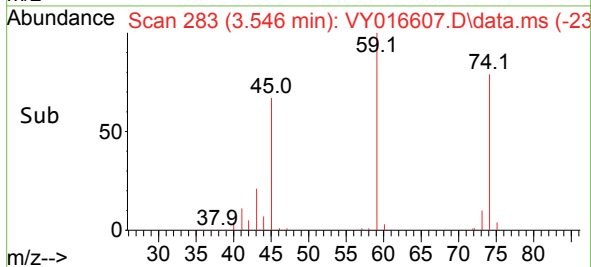
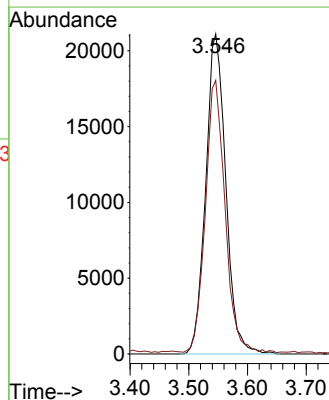
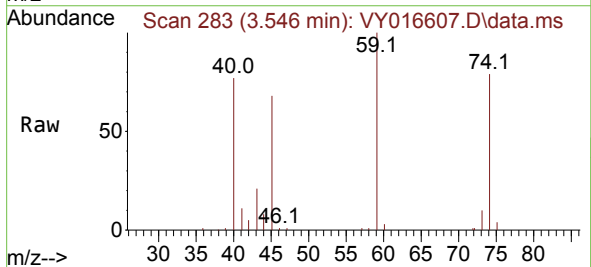
Instrument :
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 VSTDCCC050

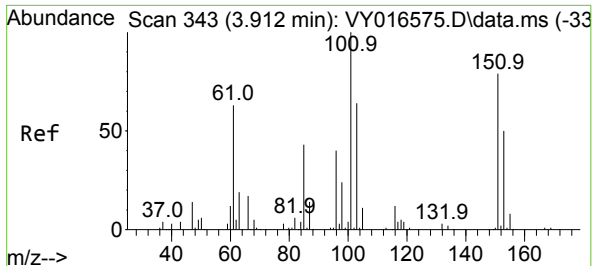
Tgt Ion:101 Resp: 198001
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 50.742 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016607.D
 Acq: 06 Dec 2023 10:53

Tgt Ion: 74 Resp: 50061
 Ion Ratio Lower Upper
 74 100
 45 82.8 51.5 154.5

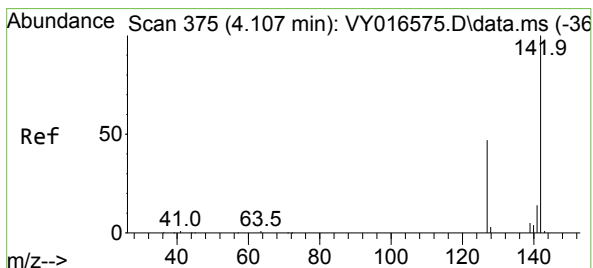
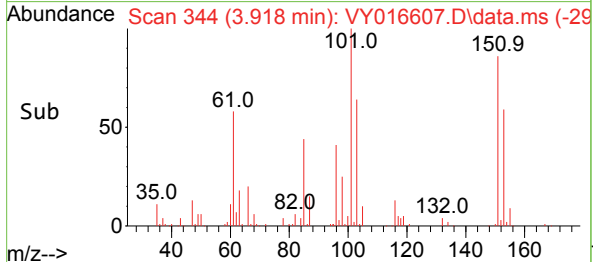
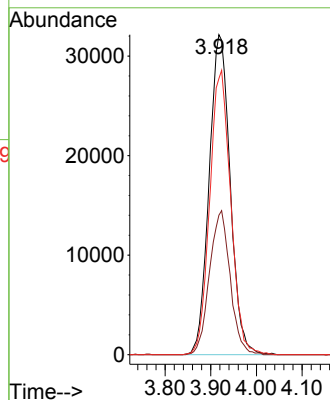
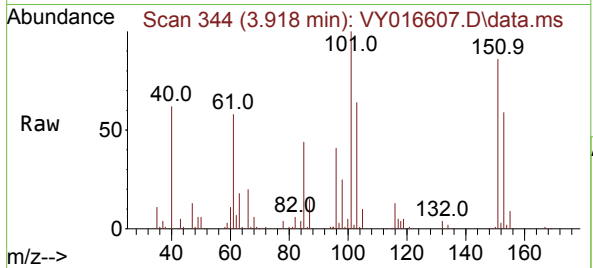




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.896 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
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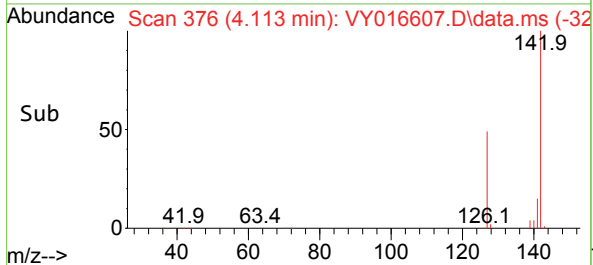
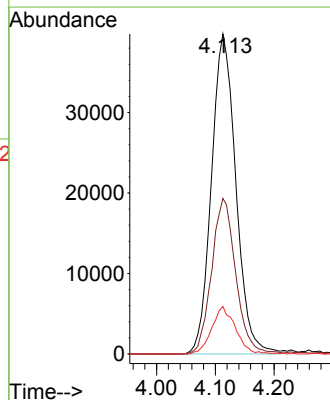
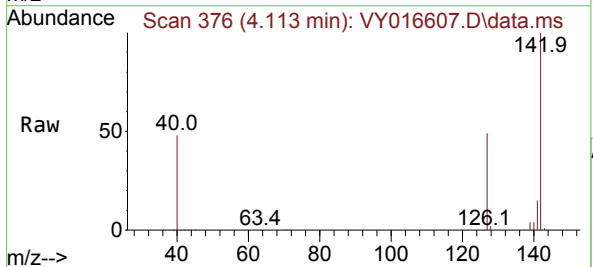
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

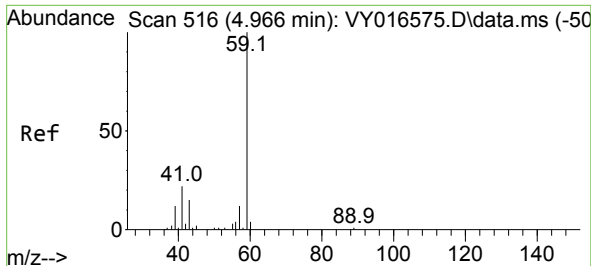
Tgt Ion:101 Resp: 102803
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 88.5 67.0 100.6



#10
Methyl Iodide
Concen: 54.858 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion:142 Resp: 114818
Ion Ratio Lower Upper
142 100
127 48.0 37.6 56.4
141 14.4 11.8 17.8





#11

Tert butyl alcohol

Concen: 282.506 ug/l

RT: 4.972 min Scan# 516

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

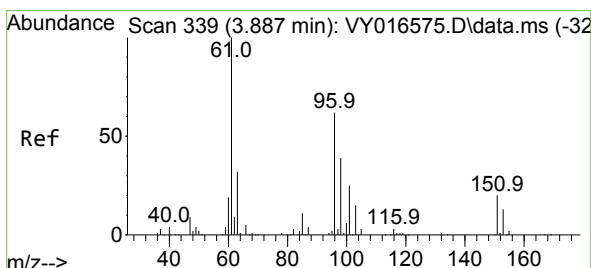
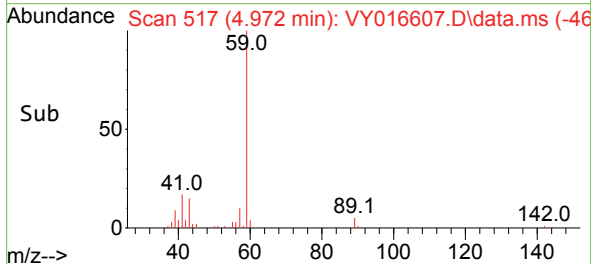
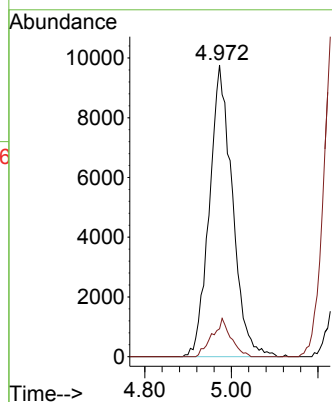
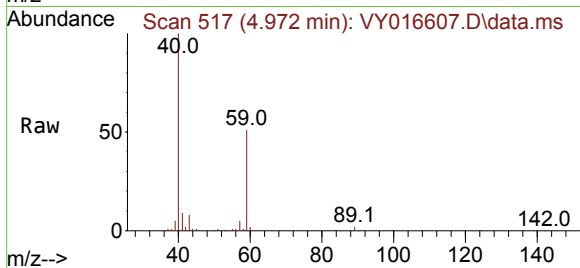
VSTDCCC050

Tgt Ion: 59 Resp: 36024

Ion Ratio Lower Upper

59 100

57 10.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 53.057 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

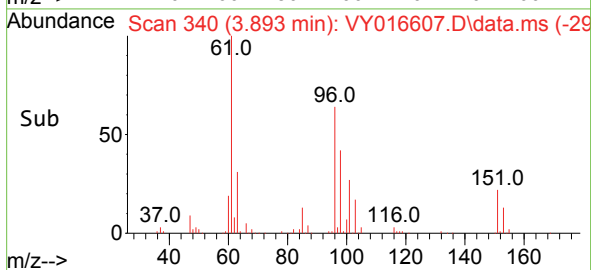
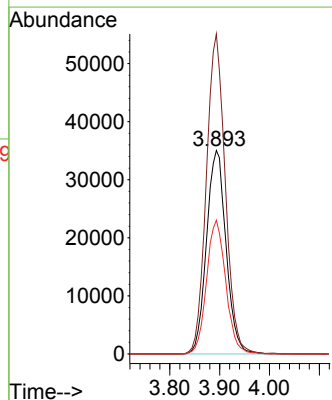
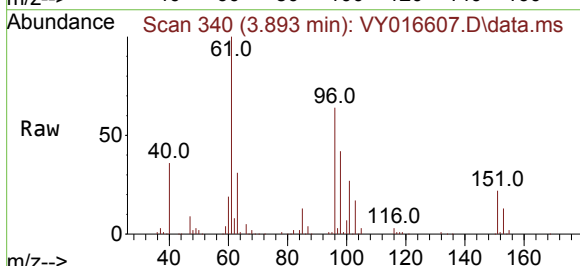
Tgt Ion: 96 Resp: 95478

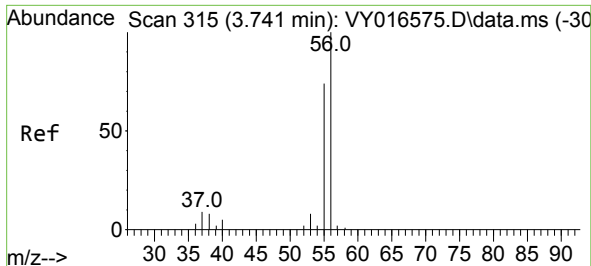
Ion Ratio Lower Upper

96 100

61 157.3 136.4 204.6

98 65.7 49.4 74.2





#13

Acrolein

Concen: 272.142 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

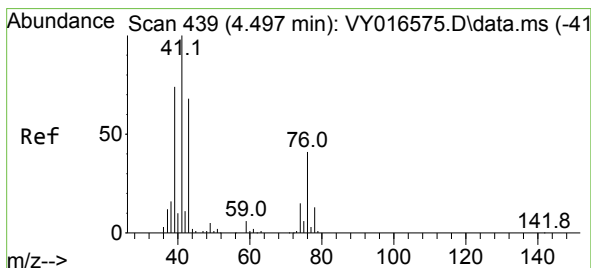
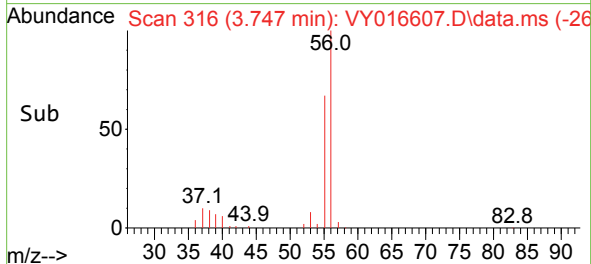
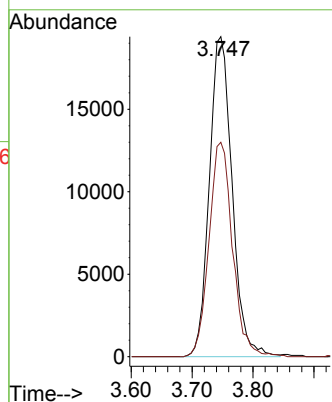
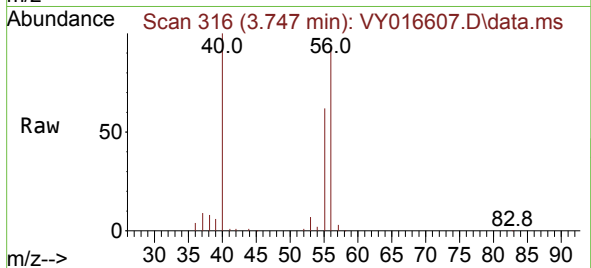
VSTDCCC050

Tgt Ion: 56 Resp: 50451

Ion Ratio Lower Upper

56 100

55 69.2 57.0 85.4



#14

Allyl chloride

Concen: 47.104 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

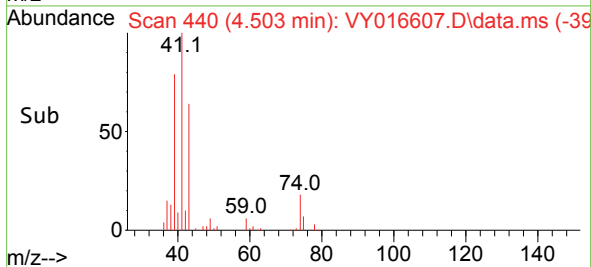
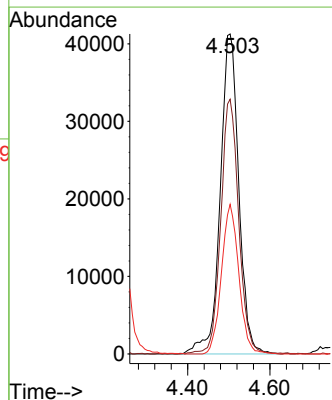
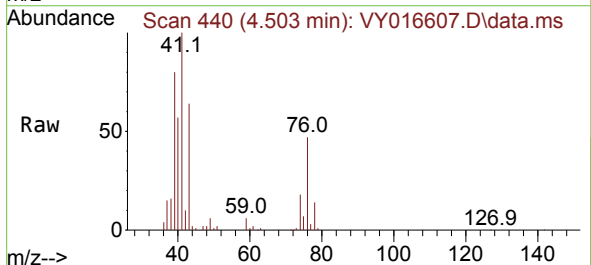
Tgt Ion: 41 Resp: 129361

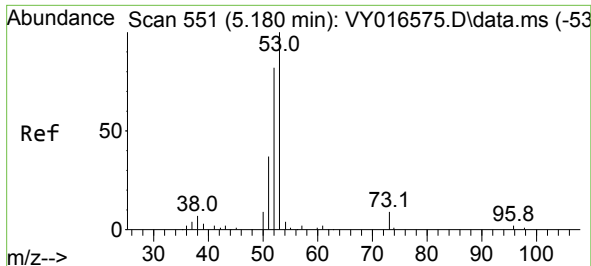
Ion Ratio Lower Upper

41 100

39 77.1 58.0 87.0

76 43.7 27.4 41.2#

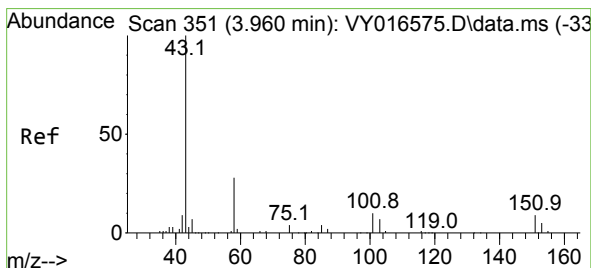
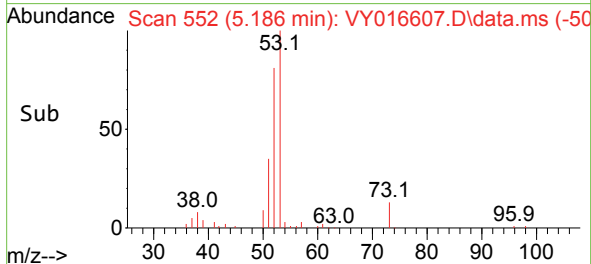
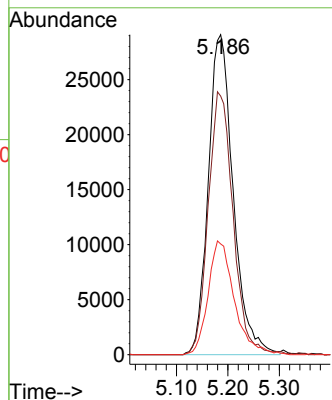
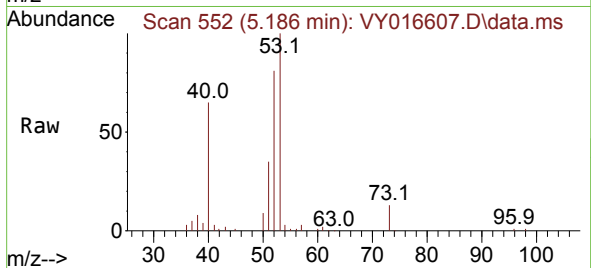




#15
Acrylonitrile
Concen: 245.917 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

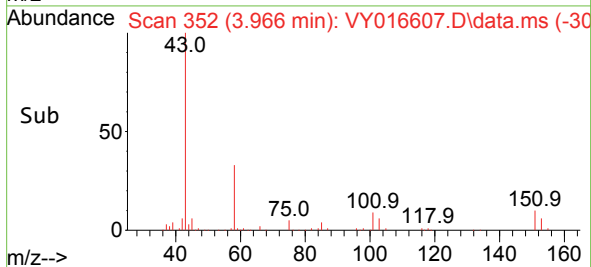
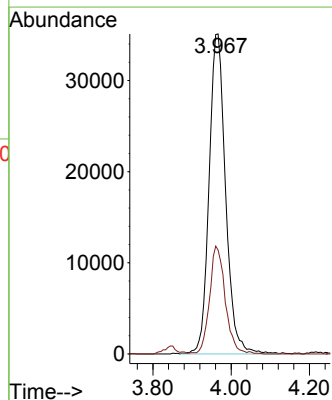
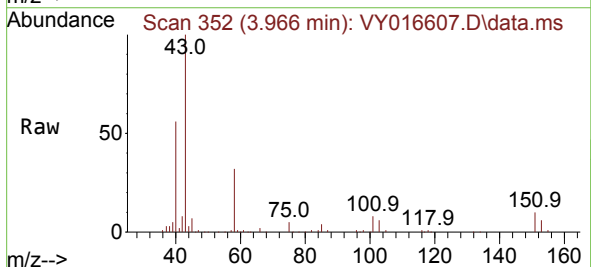
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

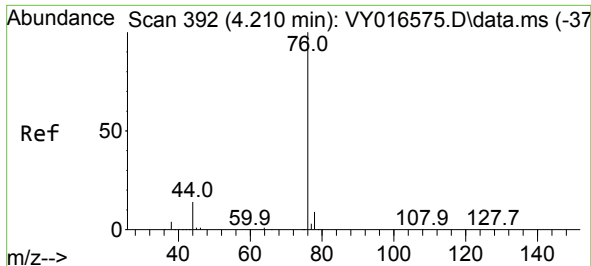
Tgt Ion: 53	Resp: 97923
Ion Ratio	Lower Upper
53 100	
52 82.0	66.9 100.3
51 37.4	29.8 44.6



#16
Acetone
Concen: 242.235 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 43	Resp: 102589
Ion Ratio	Lower Upper
43 100	
58 32.4	22.7 34.1

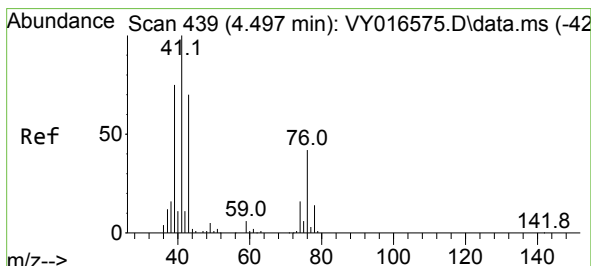
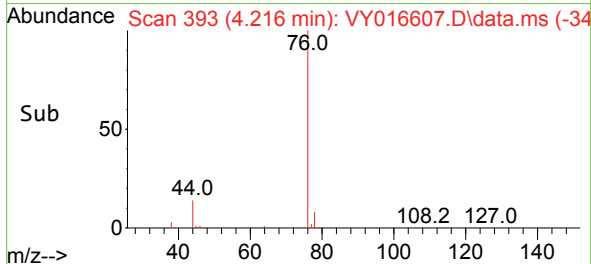
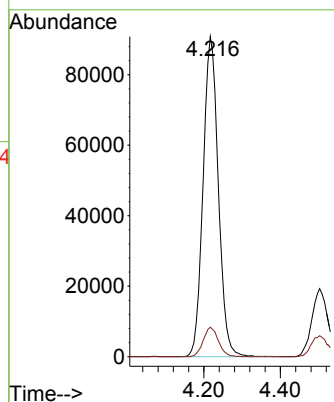
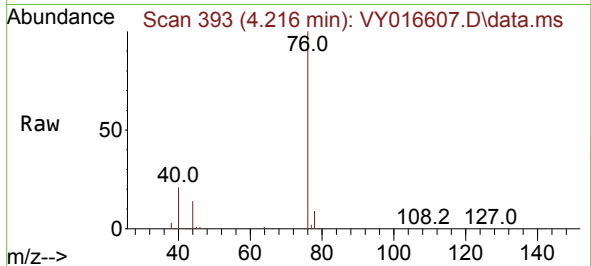




#17
Carbon Disulfide
Concen: 49.746 ug/l
RT: 4.216 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

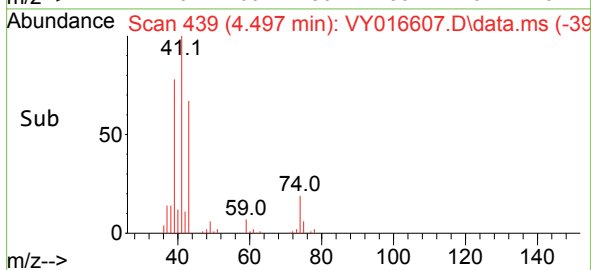
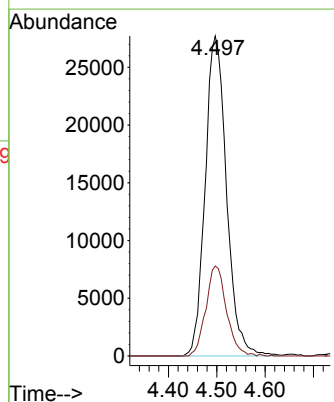
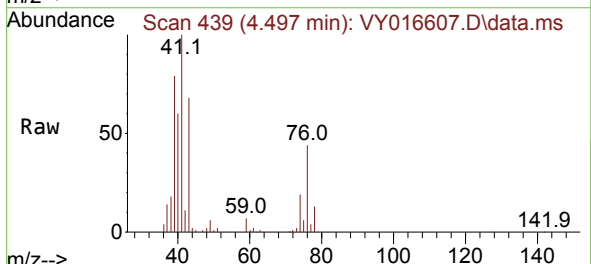
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

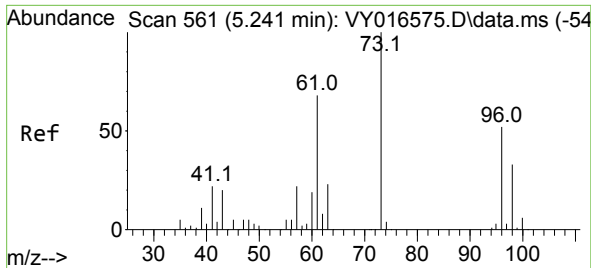
Tgt Ion: 76 Resp: 250979
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 50.661 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 43 Resp: 85046
Ion Ratio Lower Upper
43 100
74 27.1 17.4 26.0#

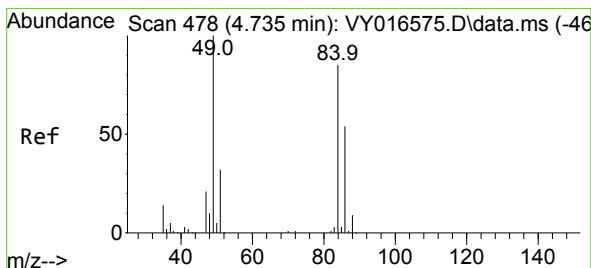
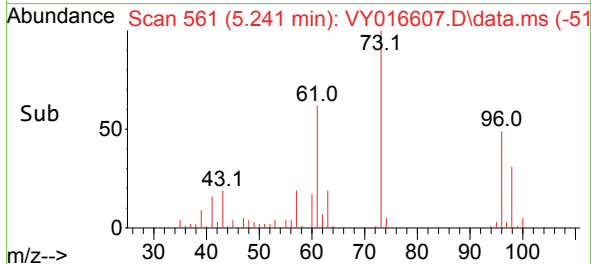
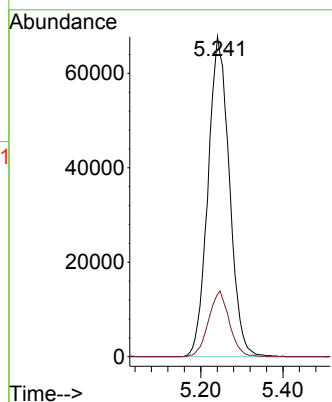
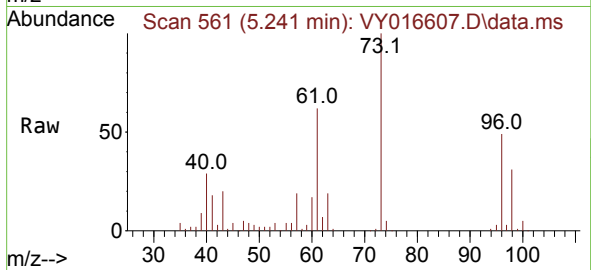




#19
Methyl tert-butyl Ether
Concen: 55.321 ug/l
RT: 5.241 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

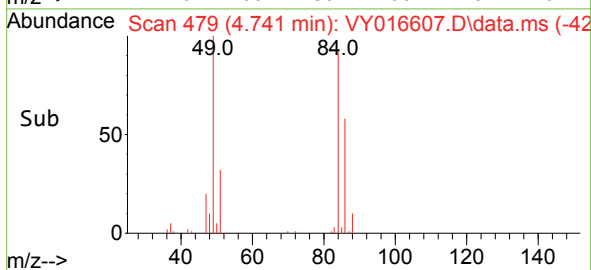
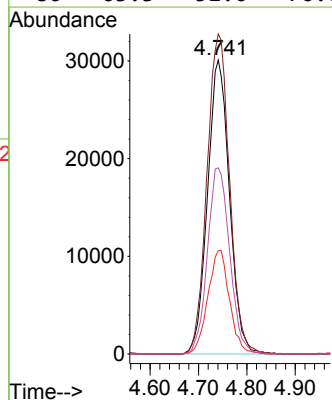
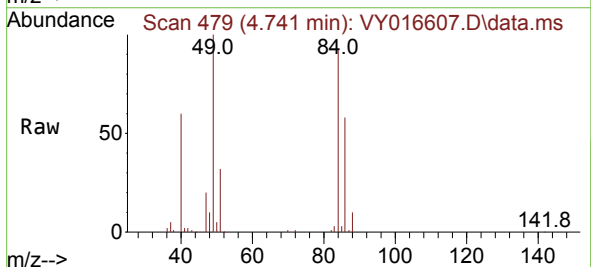
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

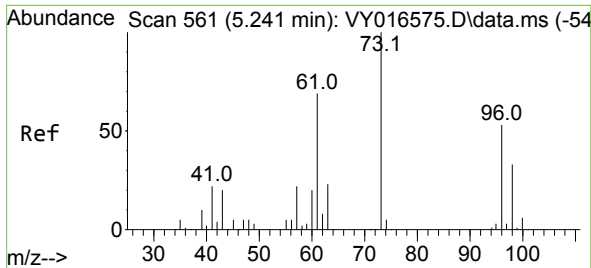
Tgt Ion: 73 Resp: 244718
Ion Ratio Lower Upper
73 100
57 19.5 17.3 25.9



#20
Methylene Chloride
Concen: 50.848 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 84 Resp: 94830
Ion Ratio Lower Upper
84 100
49 108.9 106.9 160.3
51 35.1 33.2 49.8
86 63.3 51.0 76.6

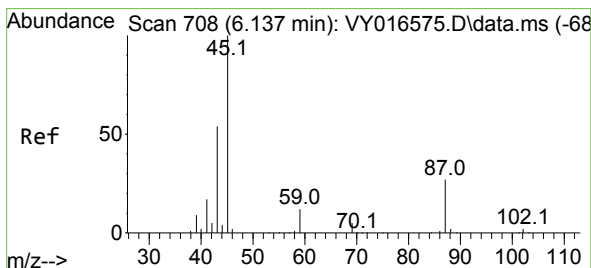
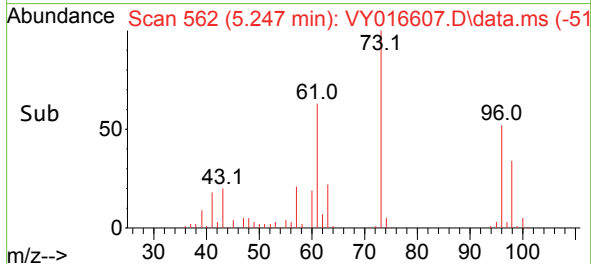
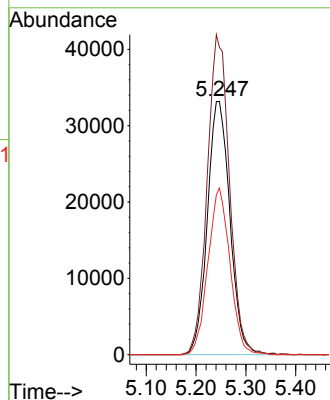
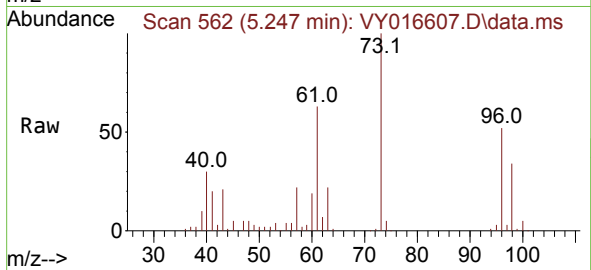




#21
trans-1,2-Dichloroethene
Concen: 51.579 ug/l
RT: 5.247 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

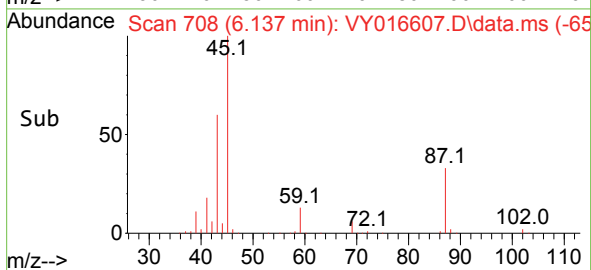
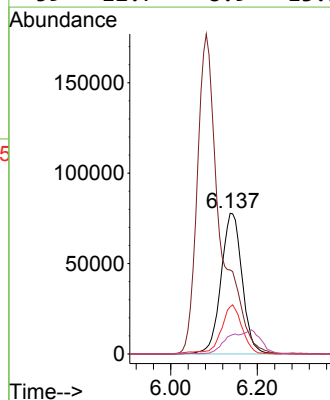
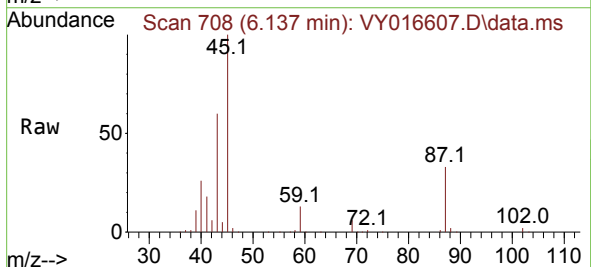
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

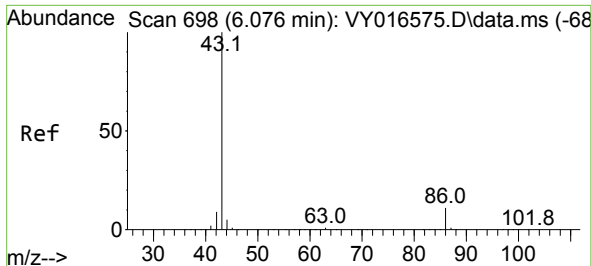
Tgt Ion: 96 Resp: 104377
Ion Ratio Lower Upper
96 100
61 121.4 110.2 165.4
98 65.8 51.8 77.6



#22
Diisopropyl ether
Concen: 46.690 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 45 Resp: 263706
Ion Ratio Lower Upper
45 100
43 59.3 52.2 78.4
87 33.4 21.0 31.6#
59 12.7 8.9 13.3

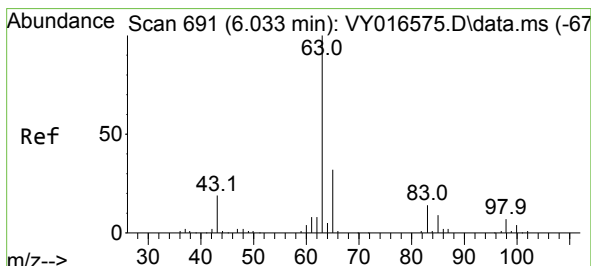
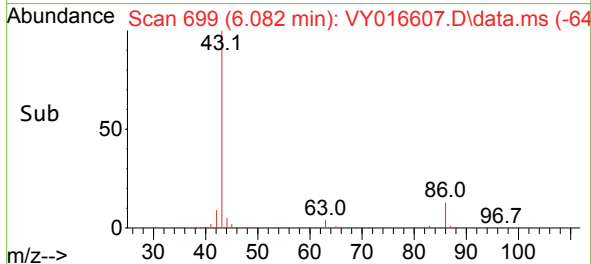
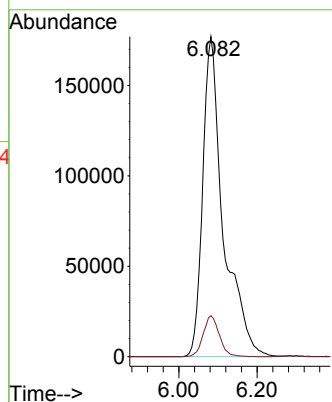
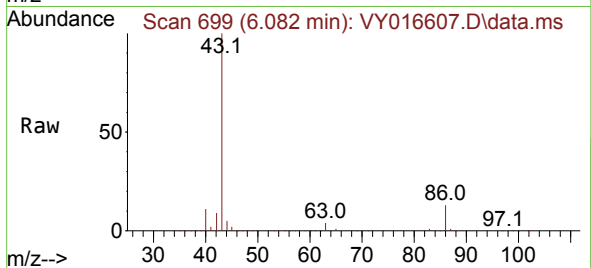




#23
 Vinyl Acetate
 Concen: 238.500 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016607.D
 Acq: 06 Dec 2023 10:53

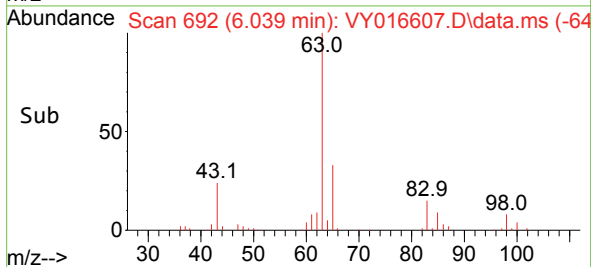
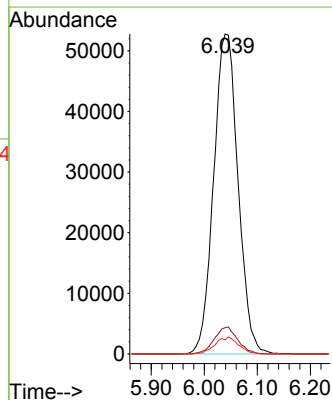
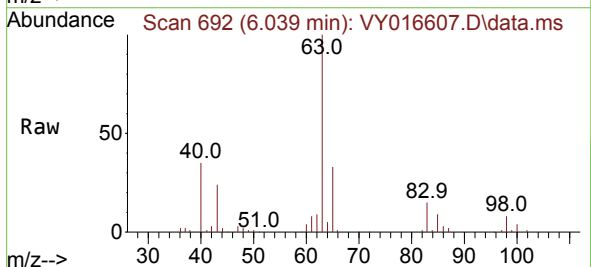
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

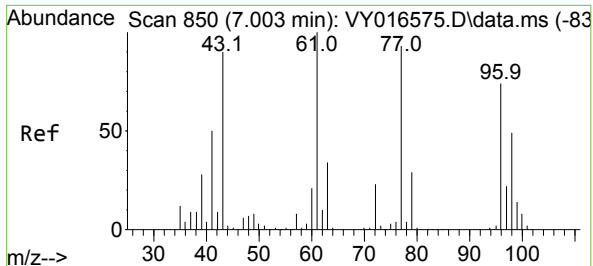
Tgt Ion: 43 Resp: 646669
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.535 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016607.D
 Acq: 06 Dec 2023 10:53

Tgt Ion: 63 Resp: 168411
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 230.466 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

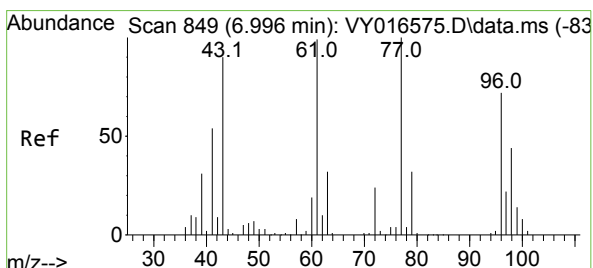
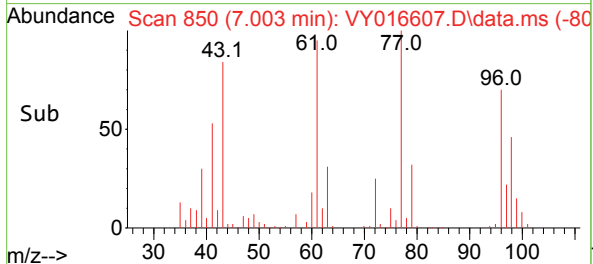
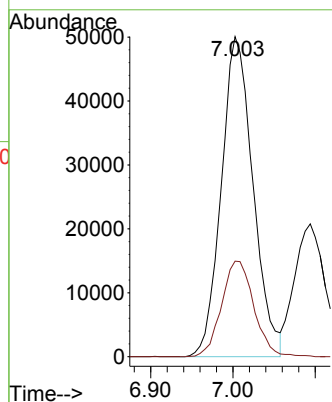
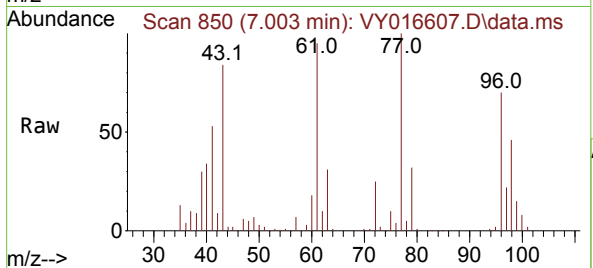
VSTDCCC050

Tgt Ion: 43 Resp: 134214

Ion Ratio Lower Upper

43 100

72 29.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 54.898 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016607.D

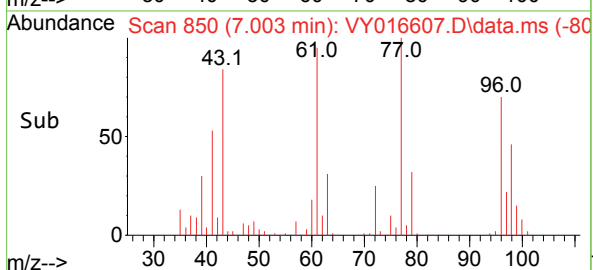
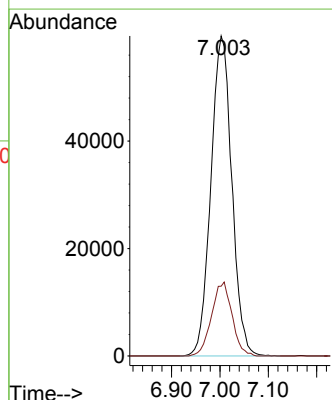
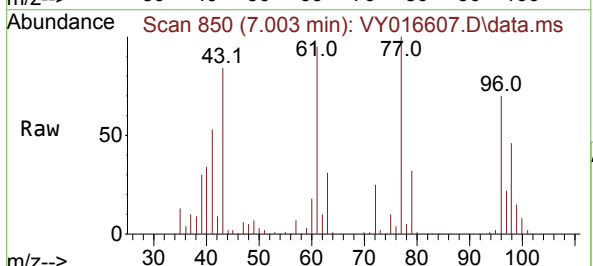
Acq: 06 Dec 2023 10:53

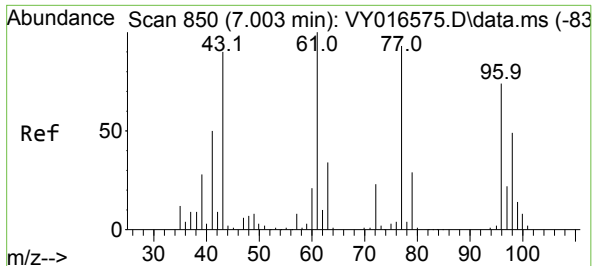
Tgt Ion: 77 Resp: 179083

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.100 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

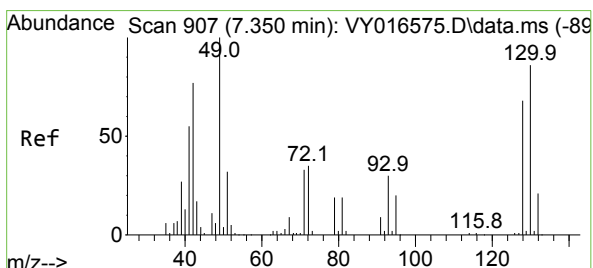
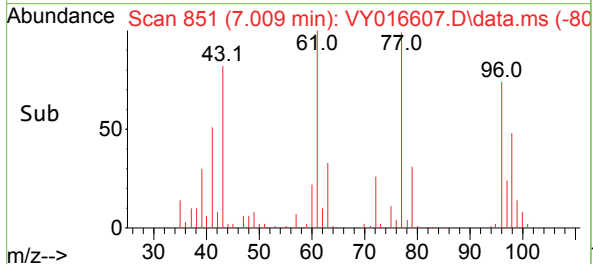
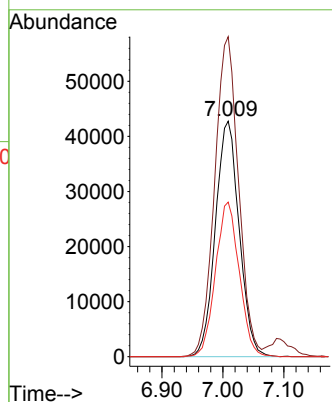
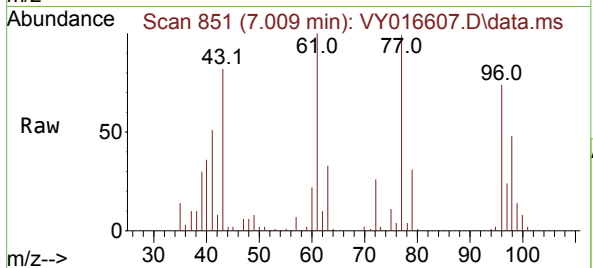
Tgt Ion: 96 Resp: 116054

Ion Ratio Lower Upper

96 100

61 136.5 0.0 301.4

98 65.4 0.0 130.4



#28

Bromochloromethane

Concen: 47.803 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

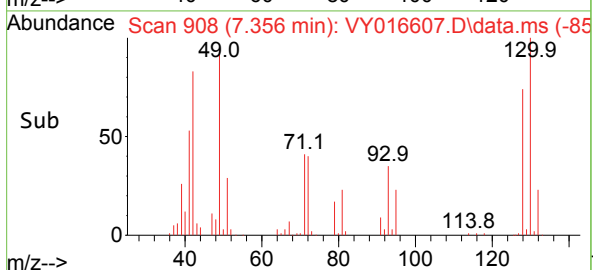
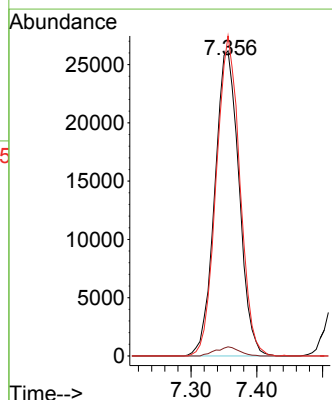
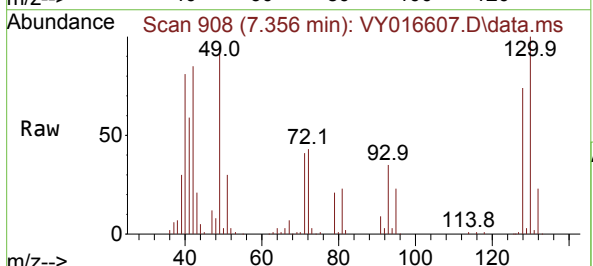
Tgt Ion: 49 Resp: 67187

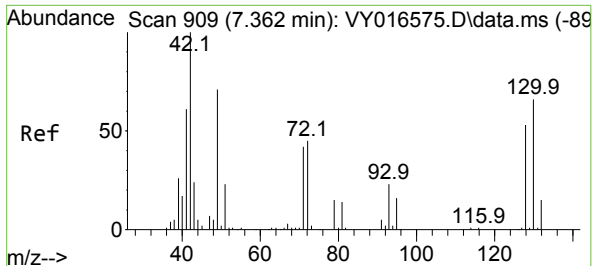
Ion Ratio Lower Upper

49 100

129 2.9 0.0 4.6

130 101.7 60.7 91.1#





#29

Tetrahydrofuran

Concen: 235.080 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

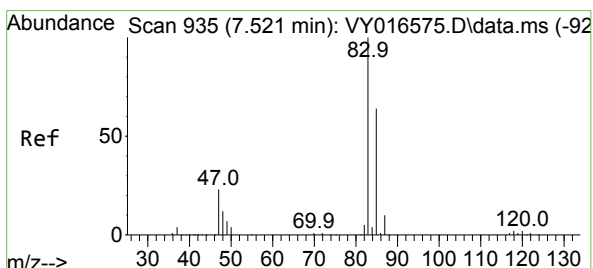
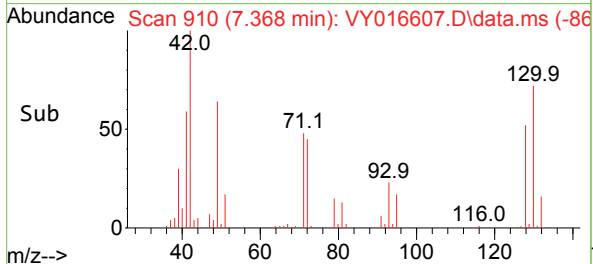
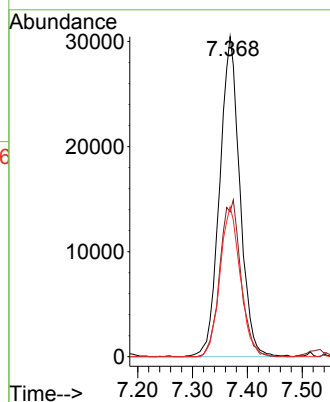
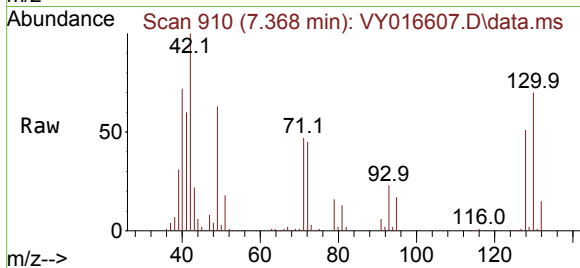
Tgt Ion: 42 Resp: 78052

Ion Ratio Lower Upper

42 100

72 50.9 32.8 49.2#

71 47.3 31.0 46.4#



#30

Chloroform

Concen: 51.945 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016607.D

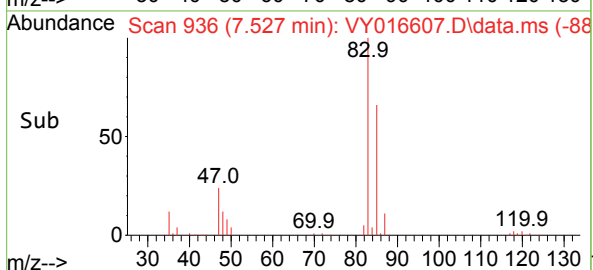
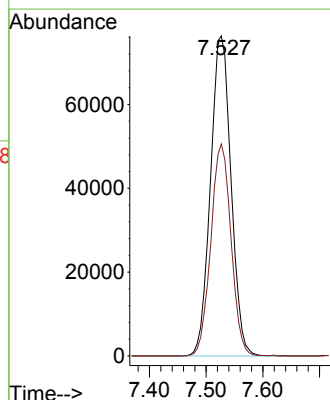
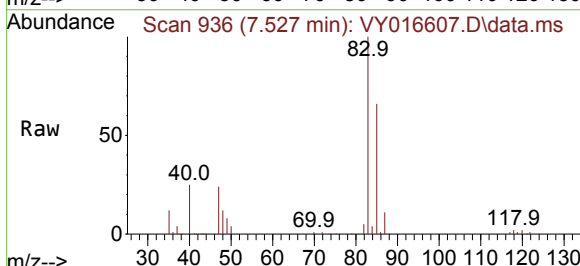
Acq: 06 Dec 2023 10:53

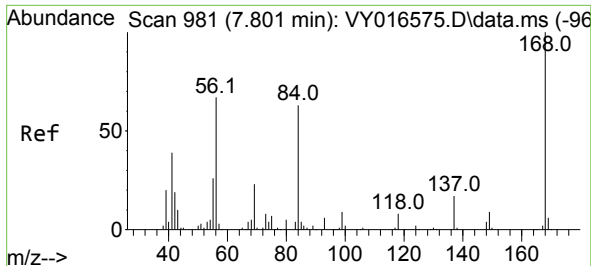
Tgt Ion: 83 Resp: 192134

Ion Ratio Lower Upper

83 100

85 66.2 49.7 74.5

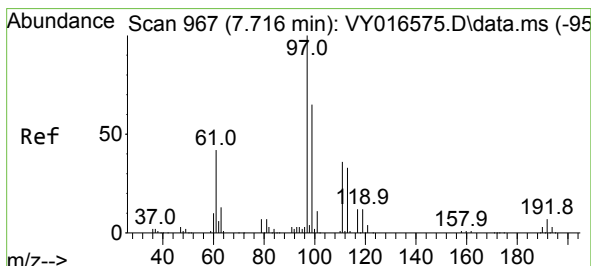
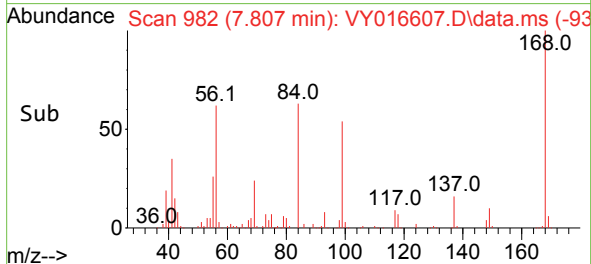
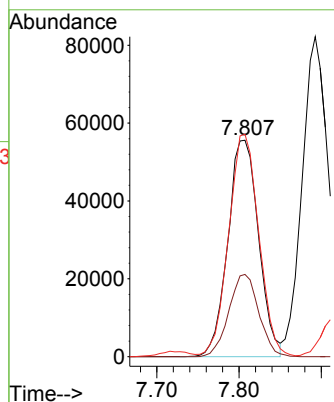
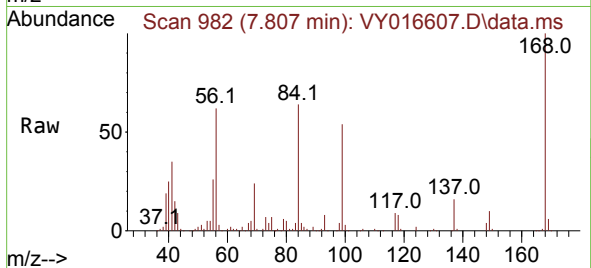




#31
Cyclohexane
Concen: 45.267 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

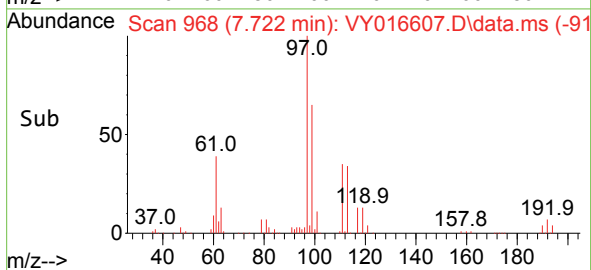
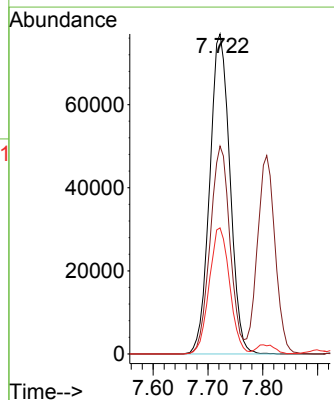
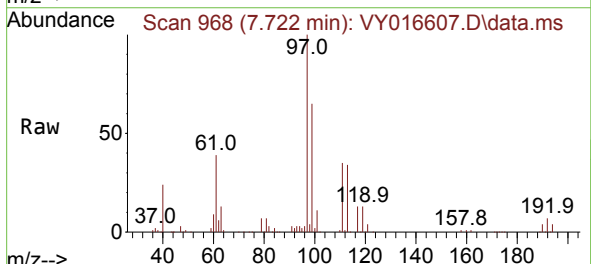
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

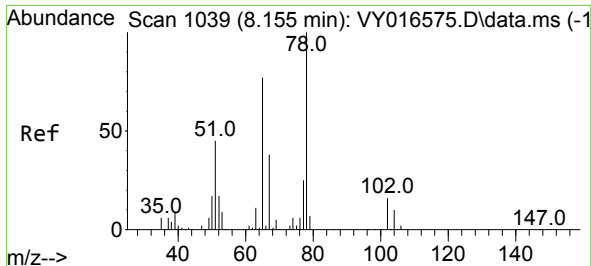
Tgt Ion: 56 Resp: 144626
Ion Ratio Lower Upper
56 100
69 38.0 27.8 41.6
84 100.4 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 56.267 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 97 Resp: 196961
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 39.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.380 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

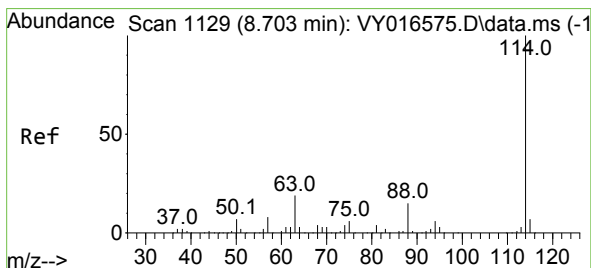
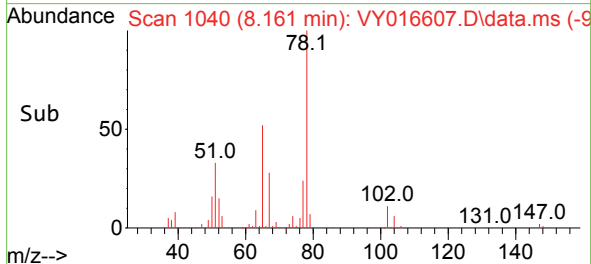
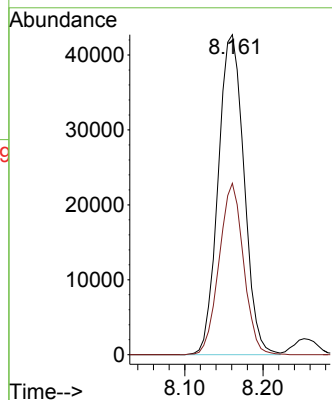
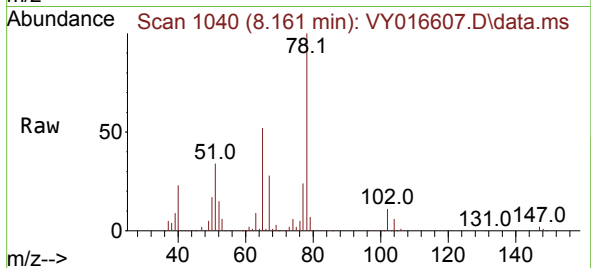
VSTDCCC050

Tgt Ion: 65 Resp: 98031

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

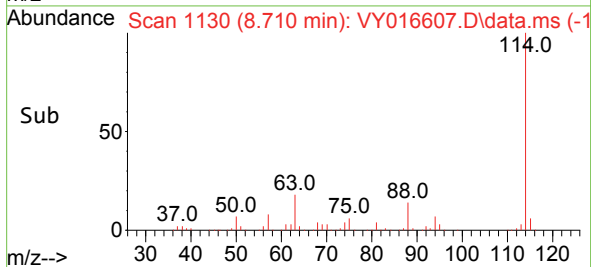
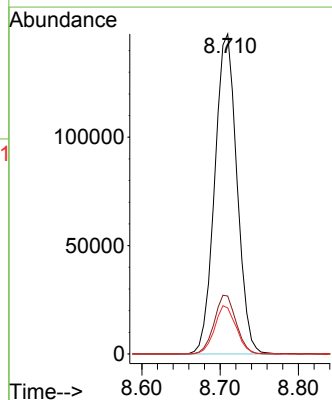
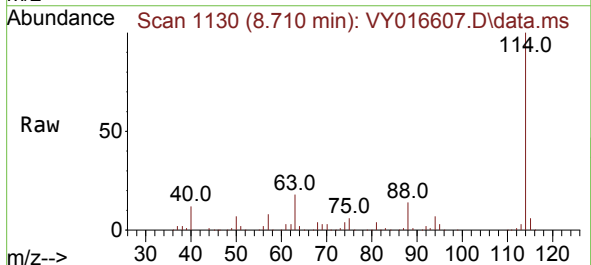
Tgt Ion: 114 Resp: 290824

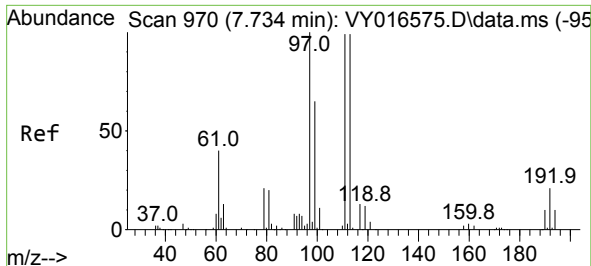
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.4 0.0 30.6

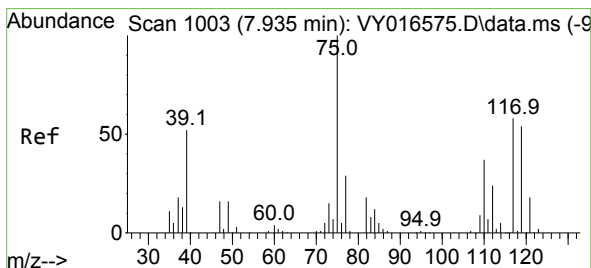
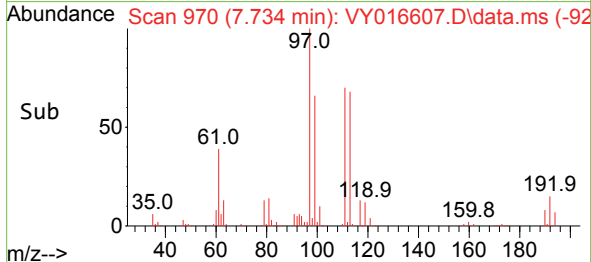
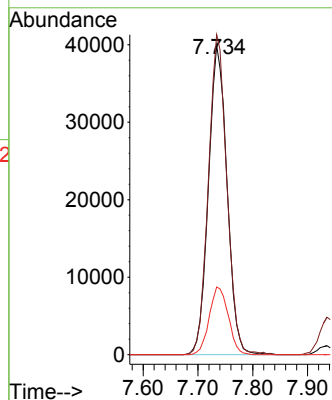
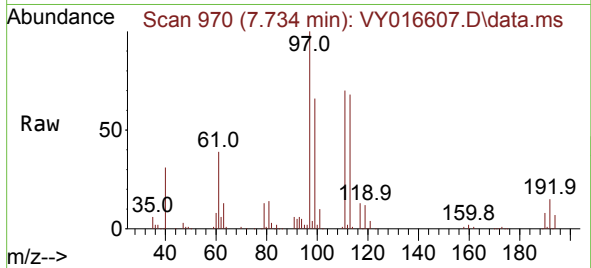




#35
Dibromofluoromethane
Concen: 53.644 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

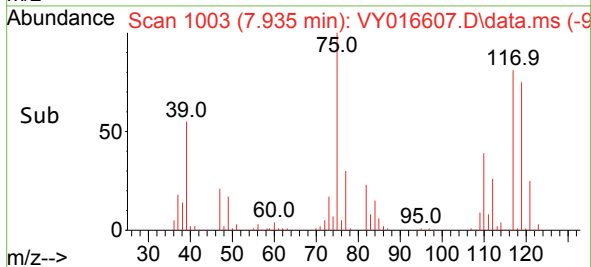
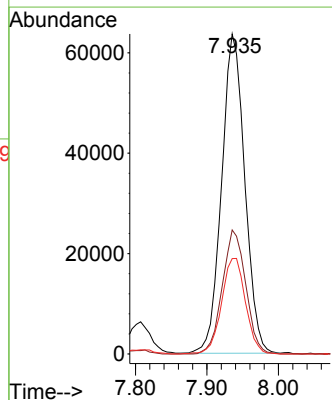
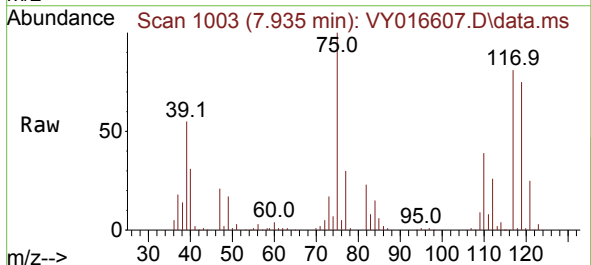
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

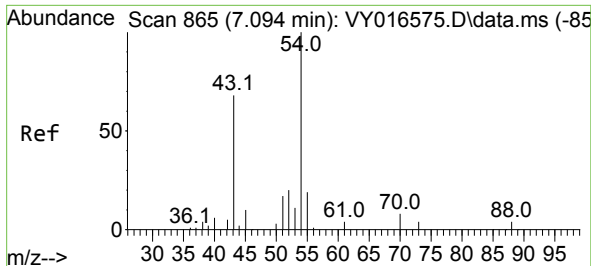
Tgt Ion:113 Resp: 93887
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 22.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 53.784 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 75 Resp: 143091
Ion Ratio Lower Upper
75 100
110 39.2 17.8 53.5
77 30.9 24.4 36.6

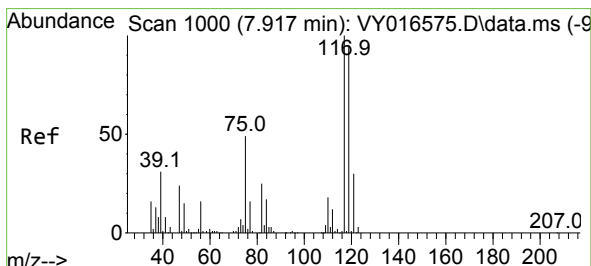
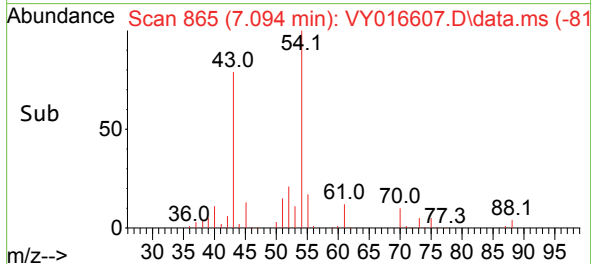
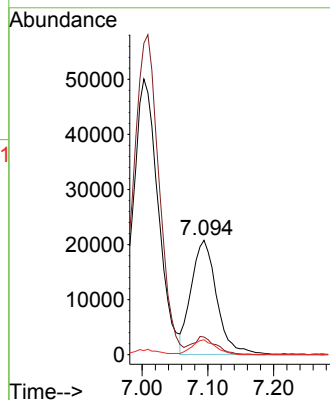
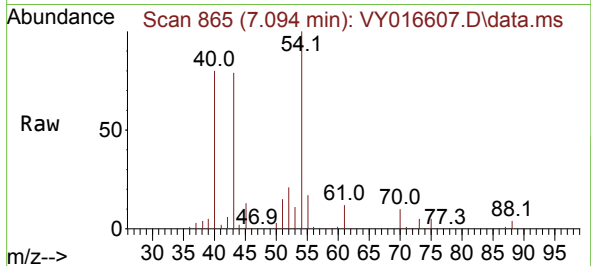




#37
Ethyl Acetate
Concen: 49.810 ug/l
RT: 7.094 min Scan# 865
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

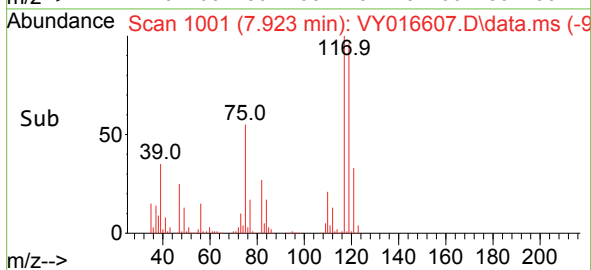
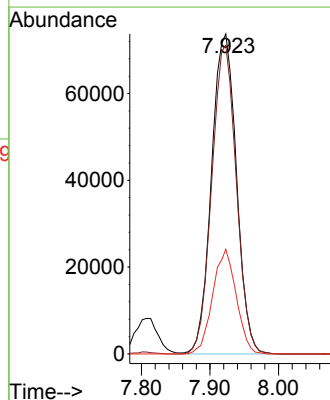
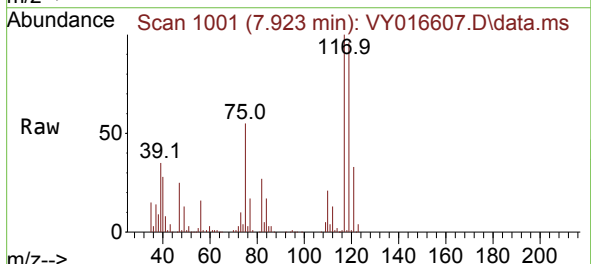
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

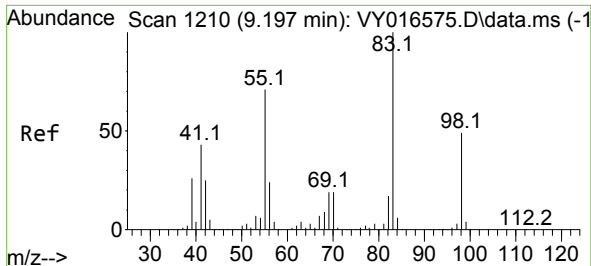
Tgt Ion: 43 Resp: 55451
Ion Ratio Lower Upper
43 100
61 15.0 10.1 15.1
70 12.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 60.490 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 117 Resp: 186306
Ion Ratio Lower Upper
117 100
119 96.5 76.4 114.6
121 32.7 25.8 38.6





#39

Methylcyclohexane

Concen: 56.038 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

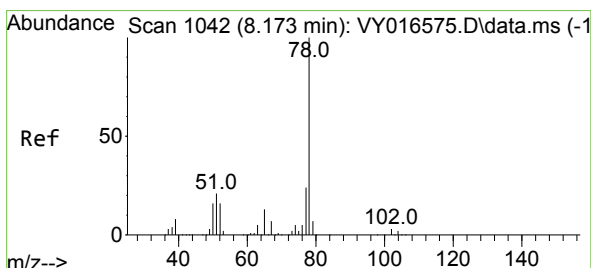
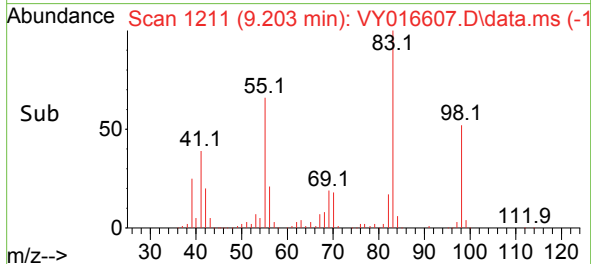
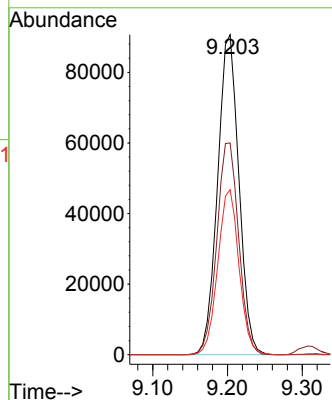
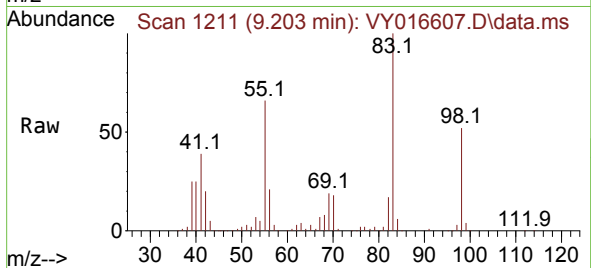
Tgt Ion: 83 Resp: 179625

Ion Ratio Lower Upper

83 100

55 66.1 63.0 94.4

98 51.5 37.4 56.2



#40

Benzene

Concen: 53.132 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016607.D

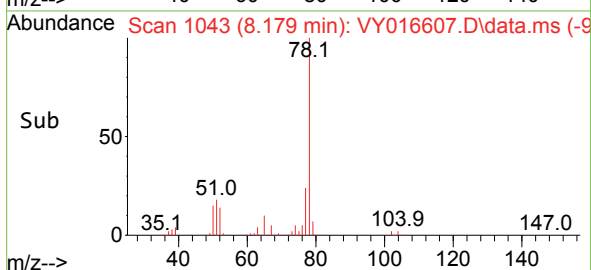
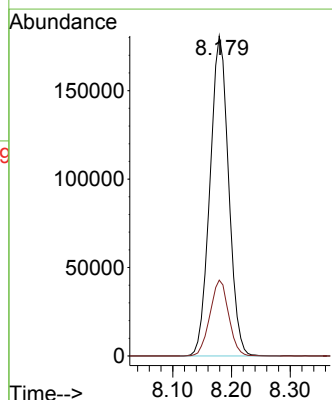
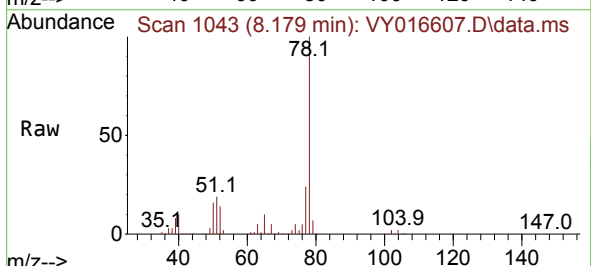
Acq: 06 Dec 2023 10:53

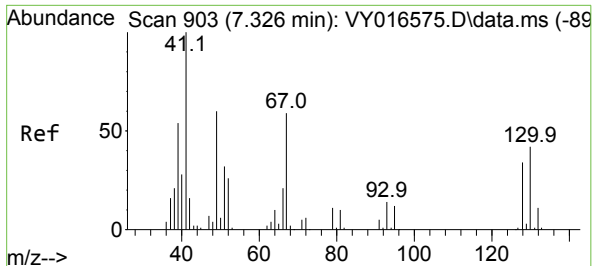
Tgt Ion: 78 Resp: 398431

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

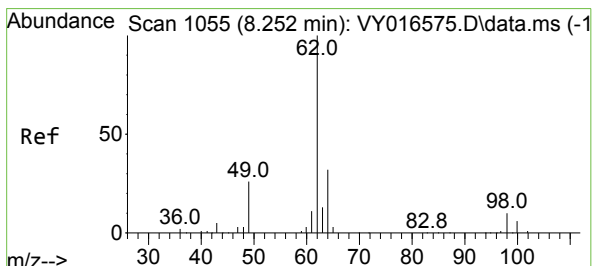
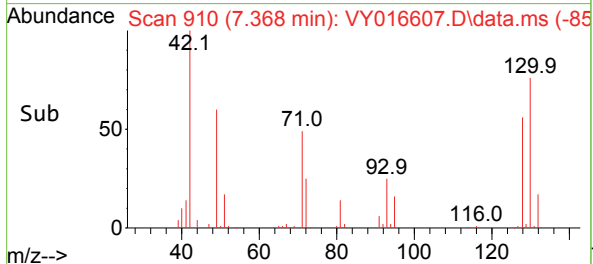
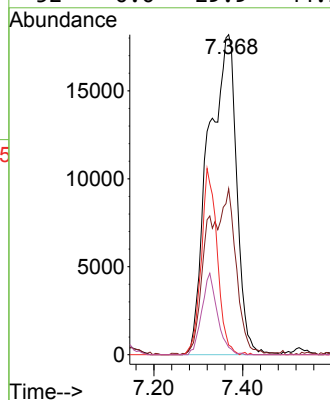
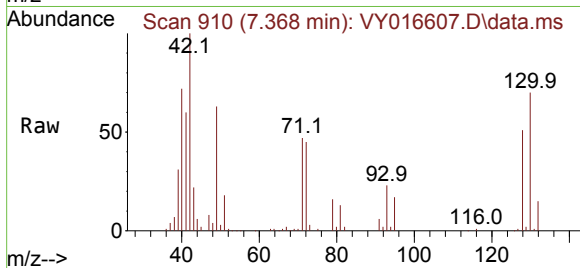




#41
Methacrylonitrile
Concen: 124.251 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.043 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

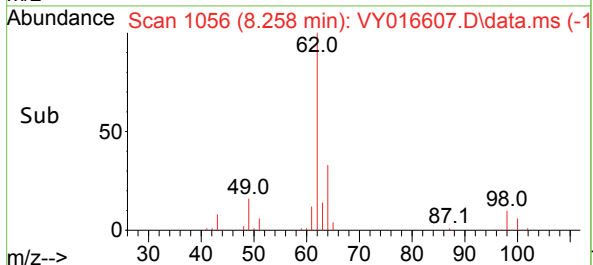
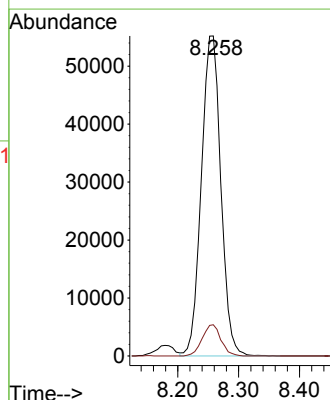
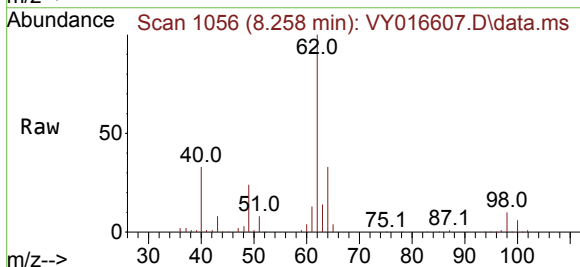
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

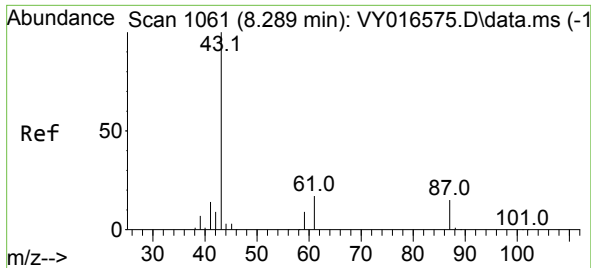
Tgt Ion: 41 Resp: 79888
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 56.417 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 62 Resp: 122844
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8

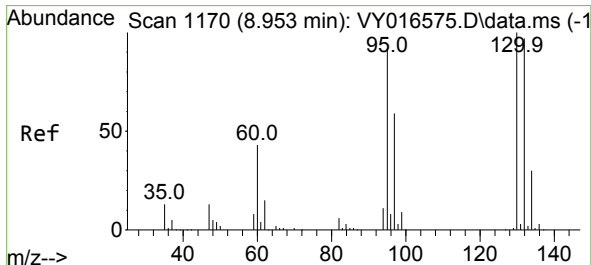
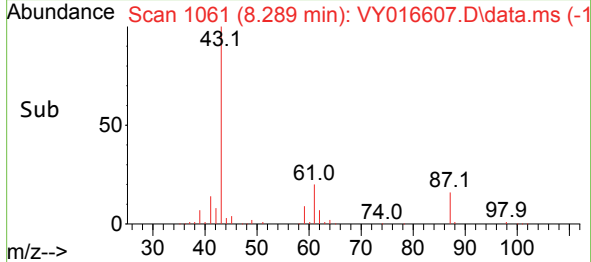
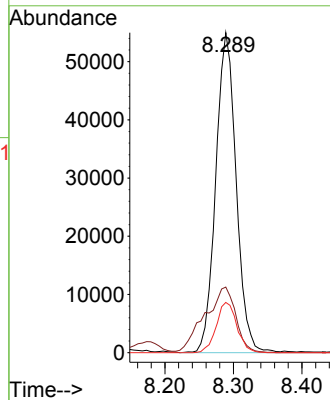
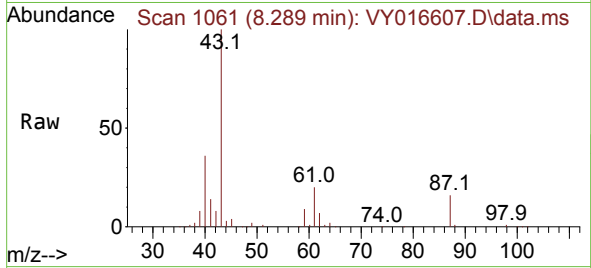




#43
Isopropyl Acetate
Concen: 52.918 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

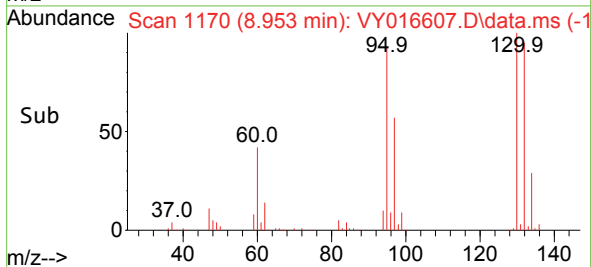
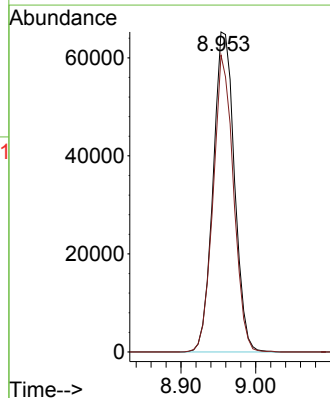
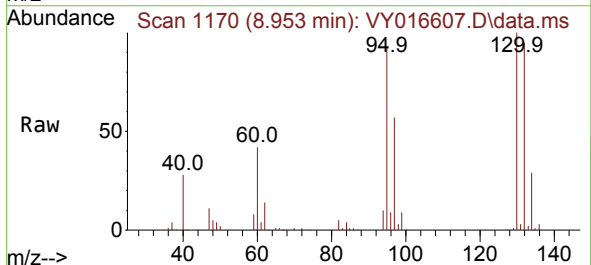
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

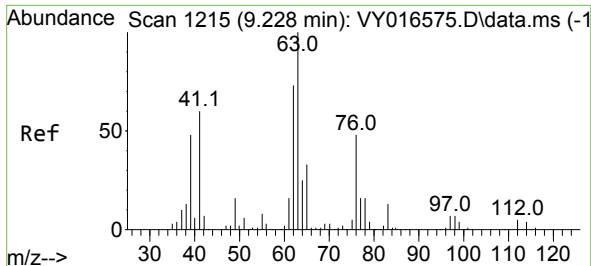
Tgt Ion: 43 Resp: 113646
Ion Ratio Lower Upper
43 100
61 31.1 21.1 31.7
87 15.9 9.8 14.8#



#44
Trichloroethene
Concen: 57.159 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion:130 Resp: 129263
Ion Ratio Lower Upper
130 100
95 92.8 0.0 196.0

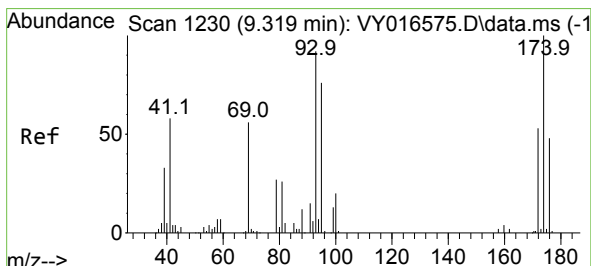
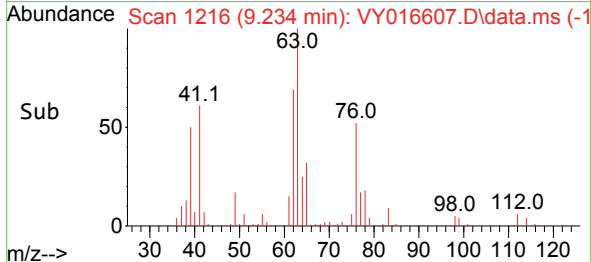
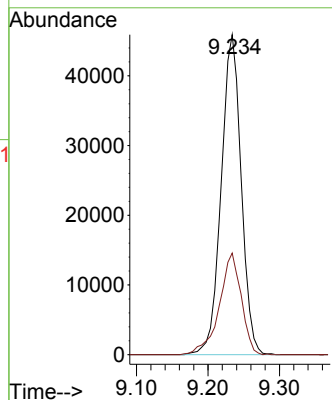
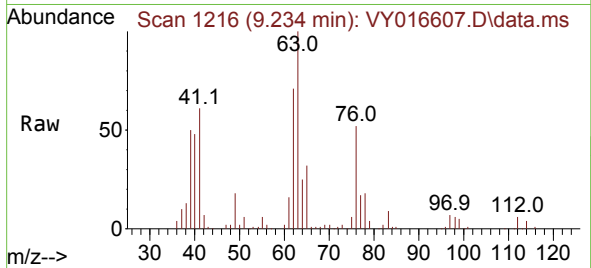




#45
1,2-Dichloropropane
Concen: 49.363 ug/l
RT: 9.234 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

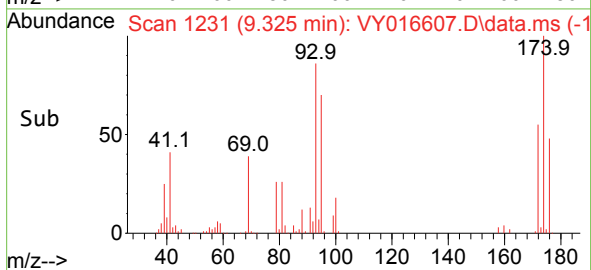
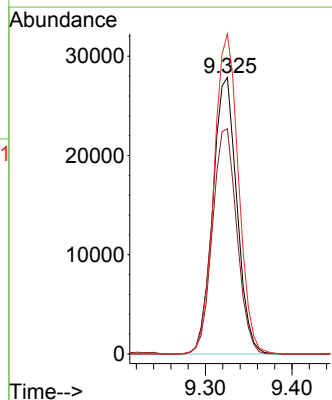
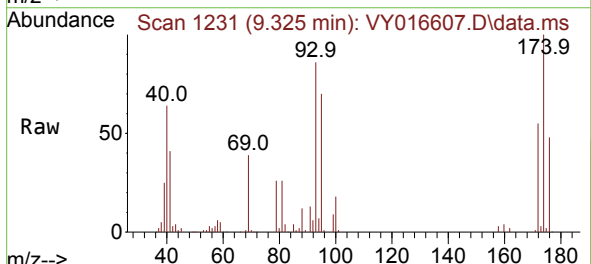
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

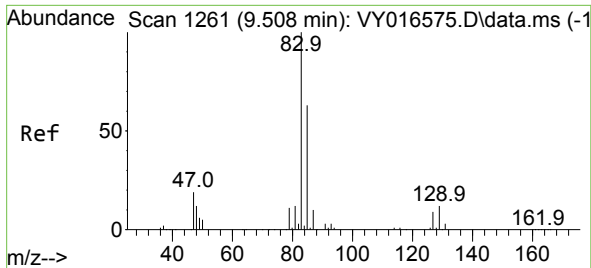
Tgt Ion: 63 Resp: 89119
Ion Ratio Lower Upper
63 100
65 31.7 23.8 35.6



#46
Dibromomethane
Concen: 54.326 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 93 Resp: 53768
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 117.6 84.8 127.2

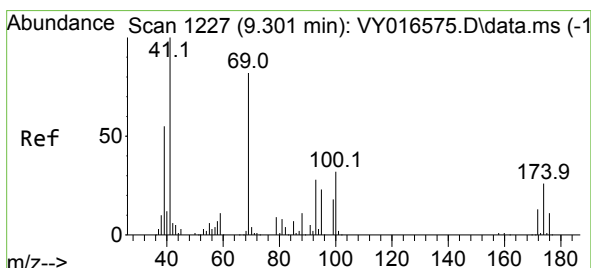
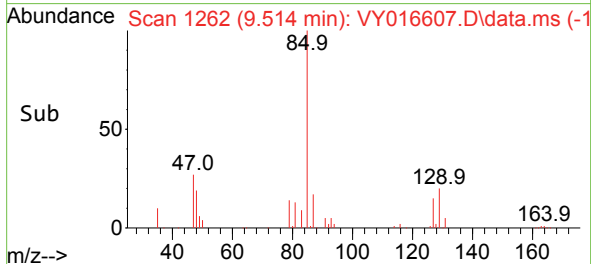
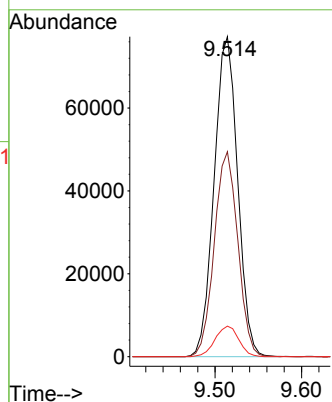
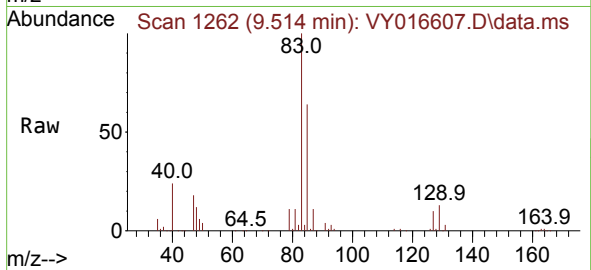




#47
Bromodichloromethane
Concen: 55.227 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

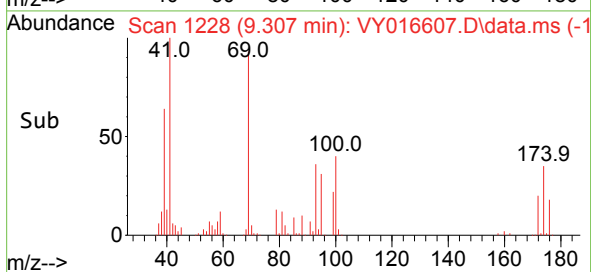
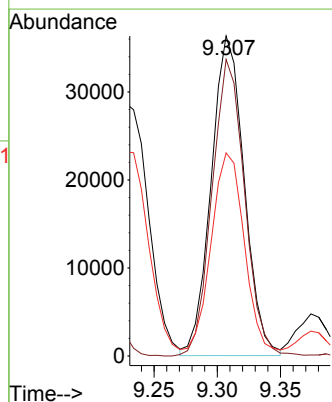
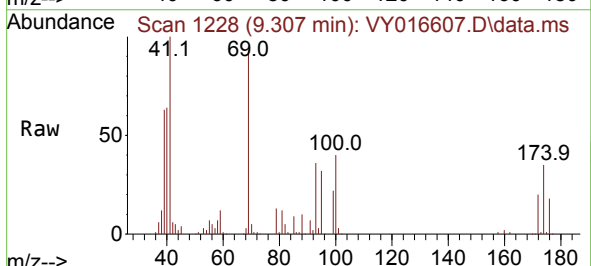
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

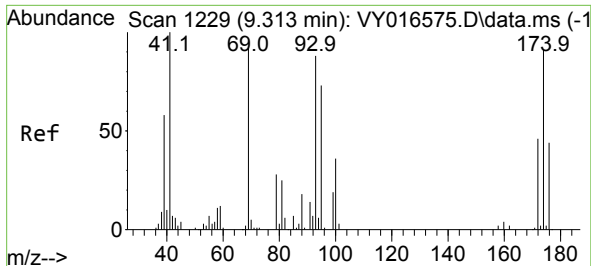
Tgt Ion: 83 Resp: 145519
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 53.139 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 41 Resp: 65906
Ion Ratio Lower Upper
41 100
69 91.5 64.5 96.7
39 61.1 50.8 76.2





#49

1,4-Dioxane

Concen: 1174.810 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

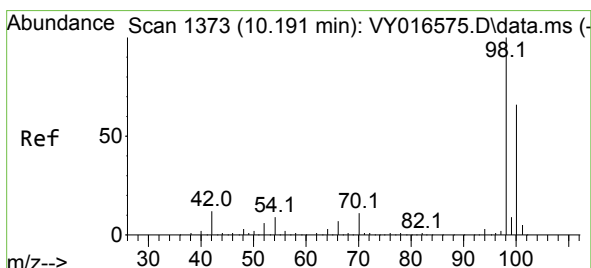
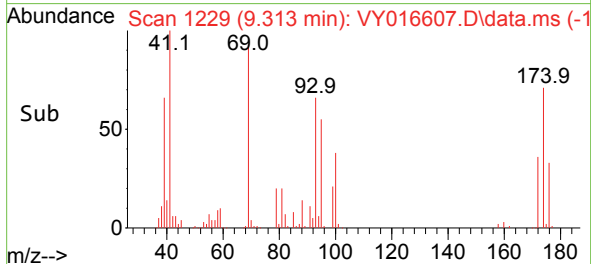
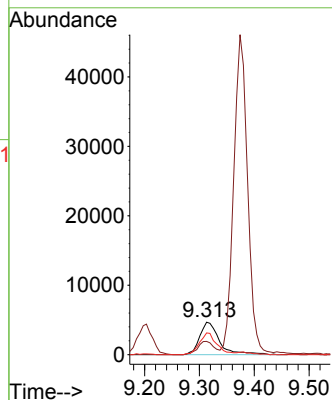
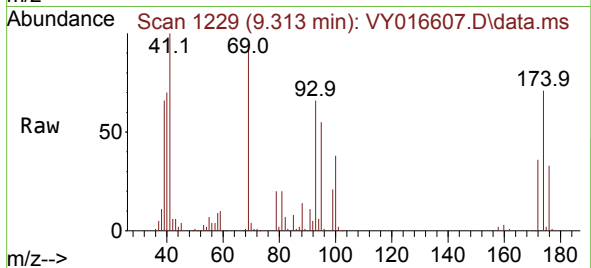
Tgt Ion: 88 Resp: 11769

Ion Ratio Lower Upper

88 100

43 34.3 0.0 0.0#

58 58.4 30.9 46.3#



#50

Toluene-d8

Concen: 54.948 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016607.D

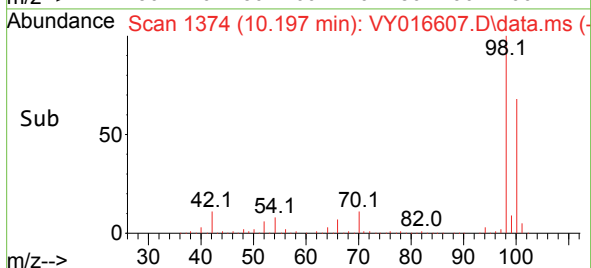
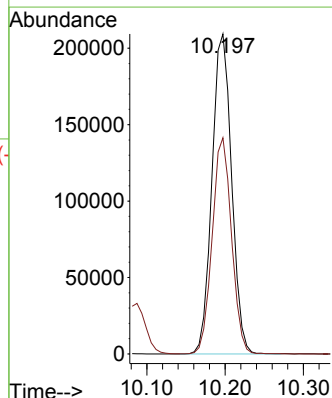
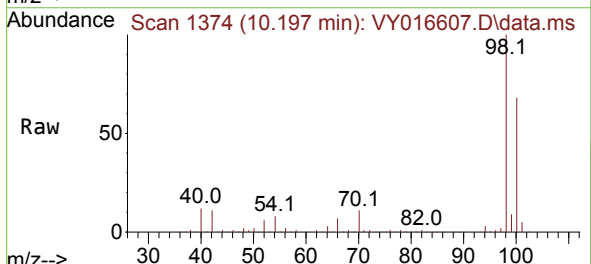
Acq: 06 Dec 2023 10:53

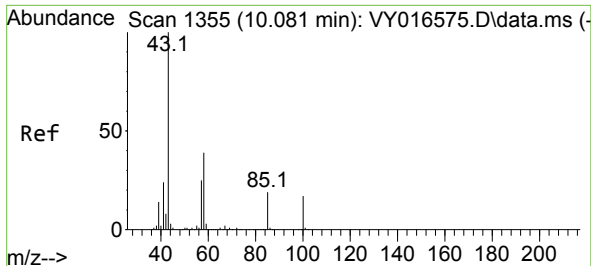
Tgt Ion: 98 Resp: 363768

Ion Ratio Lower Upper

98 100

100 66.6 50.1 75.1

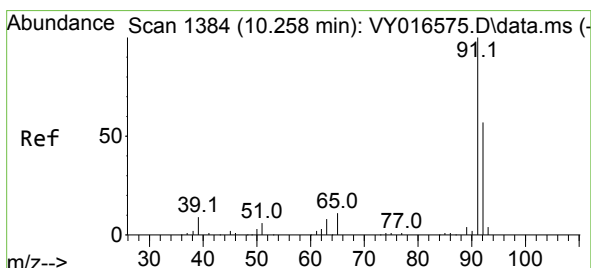
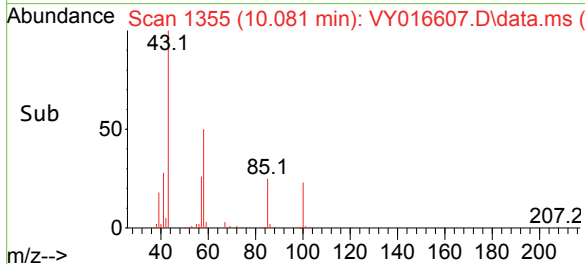
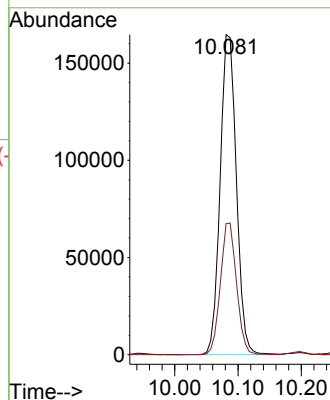
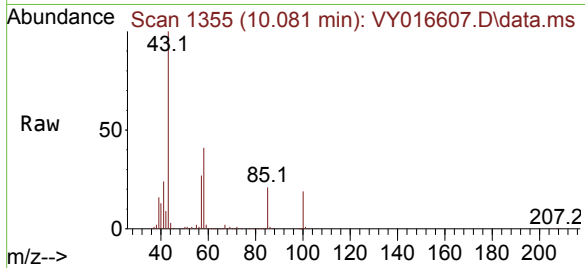




#51
4-Methyl-2-Pentanone
Concen: 261.567 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

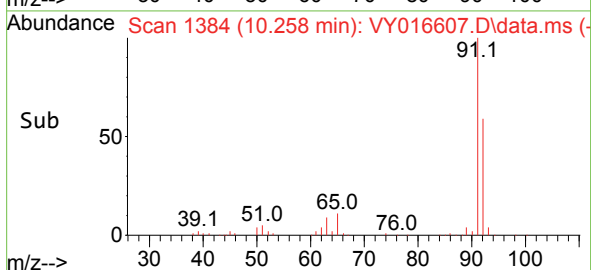
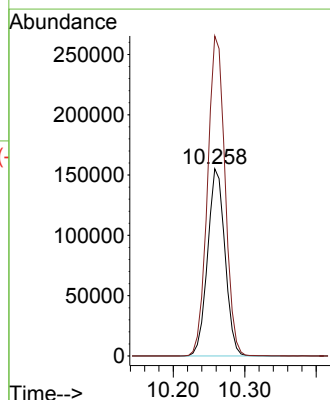
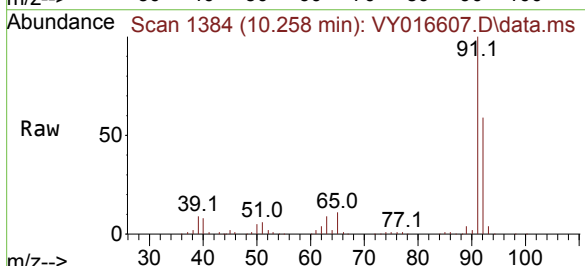
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

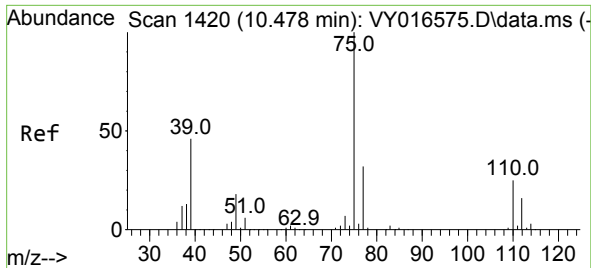
Tgt Ion: 43 Resp: 291926
Ion Ratio Lower Upper
43 100
58 40.9 29.0 43.6



#52
Toluene
Concen: 55.657 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 92 Resp: 261583
Ion Ratio Lower Upper
92 100
91 172.3 143.8 215.6

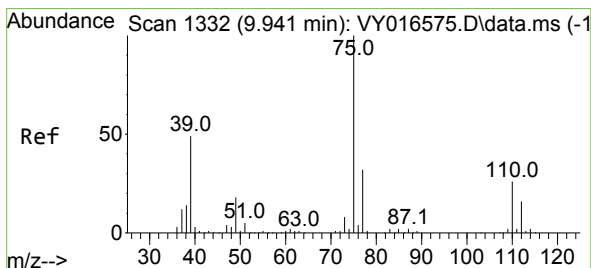
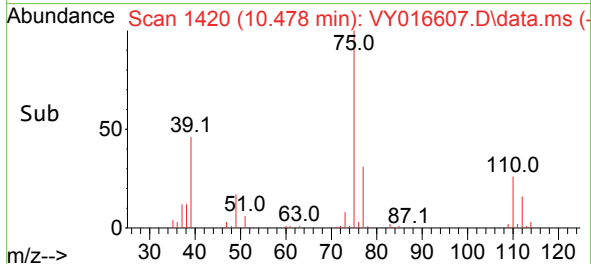
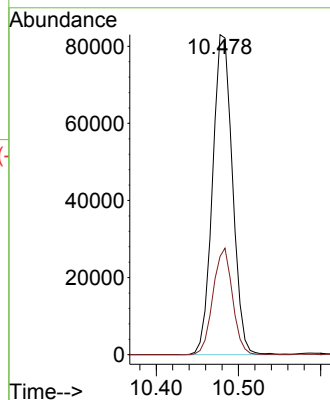
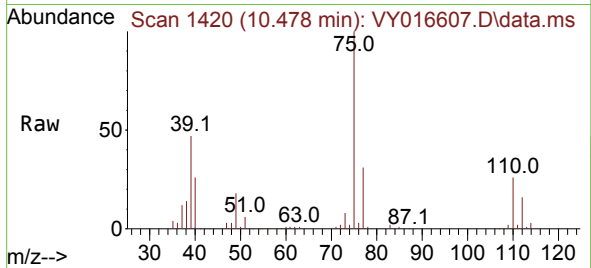




#53
 t-1,3-Dichloropropene
 Concen: 56.239 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016607.D
 Acq: 06 Dec 2023 10:53

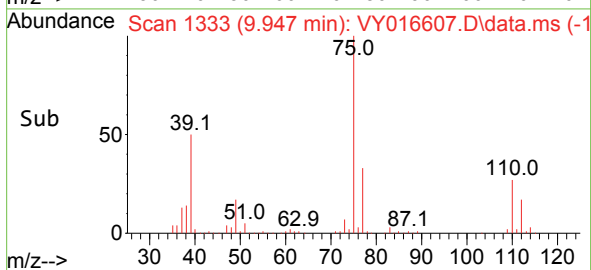
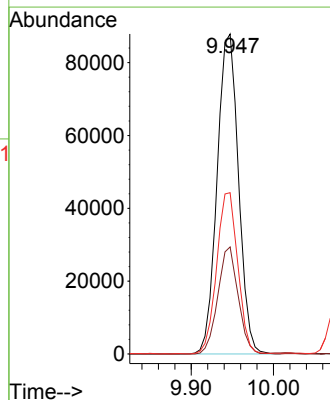
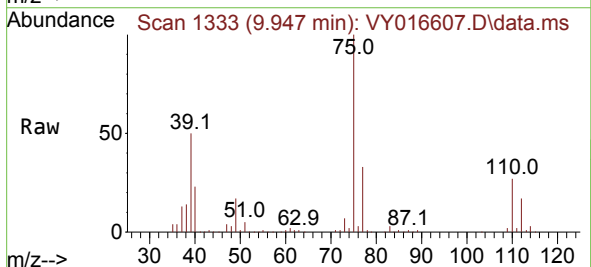
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

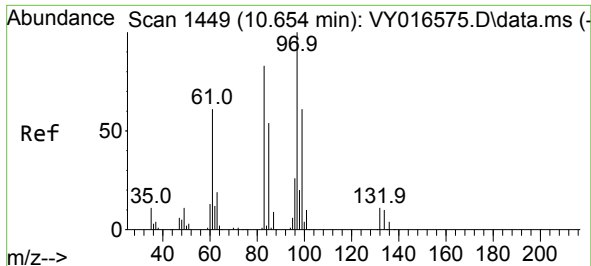
Tgt Ion: 75 Resp: 139851
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.462 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016607.D
 Acq: 06 Dec 2023 10:53

Tgt Ion: 75 Resp: 159055
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.2 36.4
 39 50.3 42.2 63.4

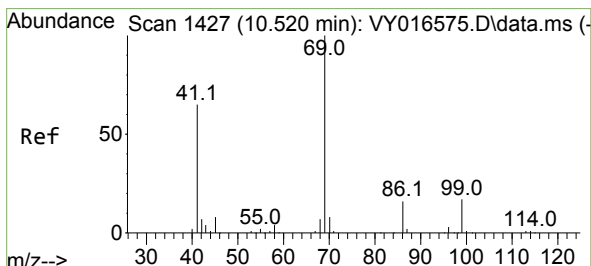
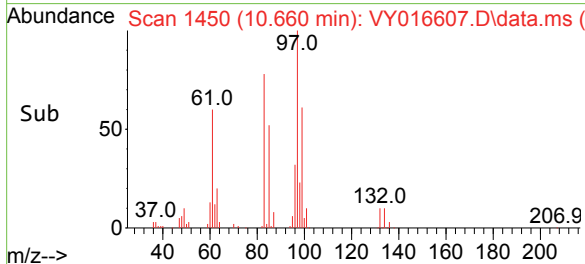
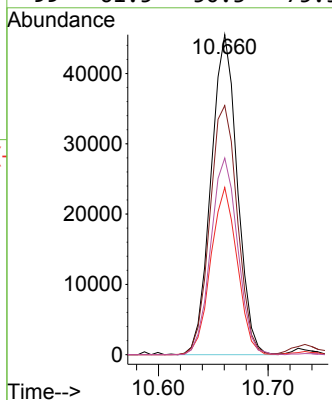
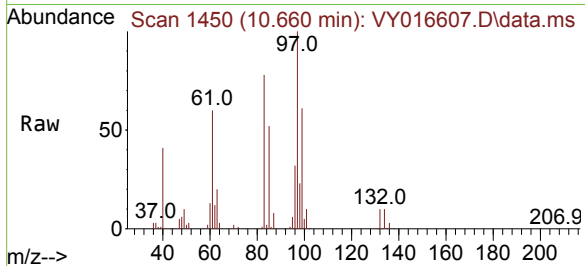




#55
1,1,2-Trichloroethane
Concen: 55.068 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

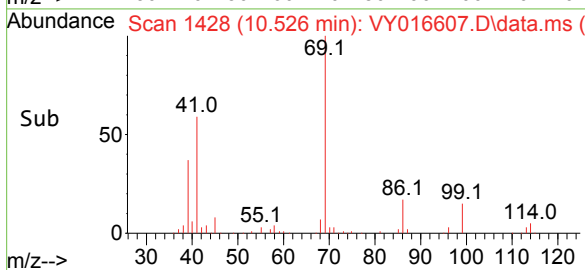
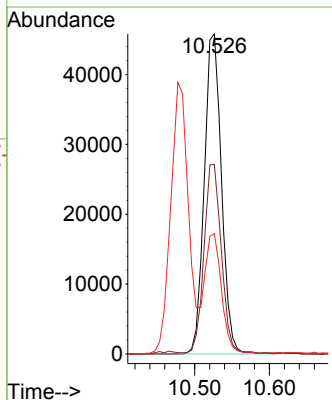
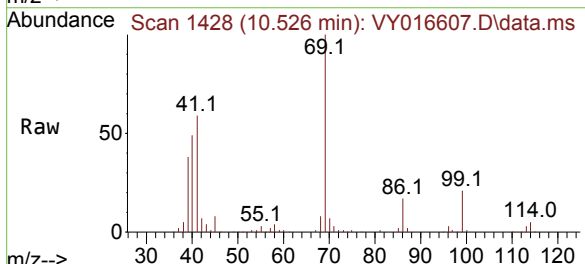
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

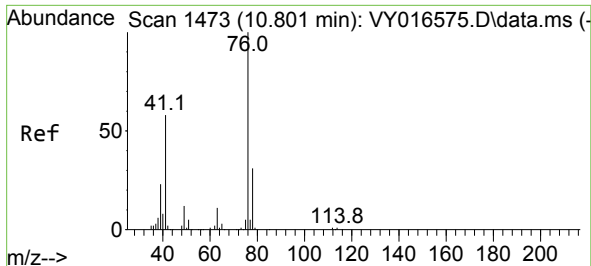
Tgt Ion: 97	Resp: 75921
Ion Ratio	Lower Upper
97 100	
83 77.9	72.0 108.0
85 52.3	45.4 68.0
99 61.5	50.3 75.5



#56
Ethyl methacrylate
Concen: 58.066 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 69	Resp: 73380
Ion Ratio	Lower Upper
69 100	
41 60.0	57.6 86.4
39 37.9	34.1 51.1





#57

1,3-Dichloropropane

Concen: 54.040 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

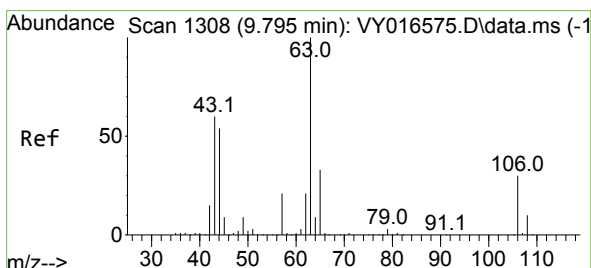
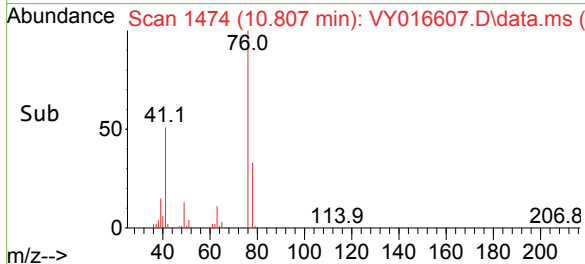
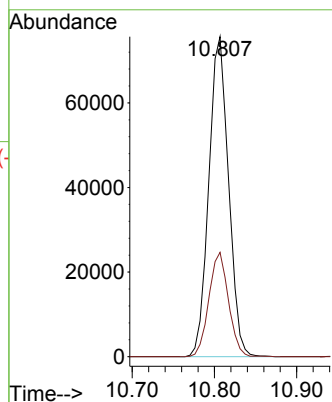
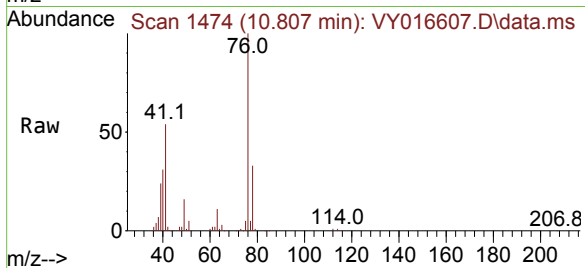
VSTDCCC050

Tgt Ion: 76 Resp: 125861

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 262.473 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016607.D

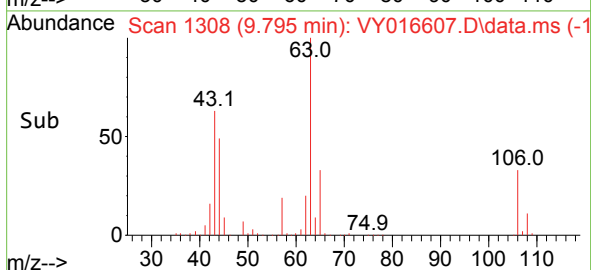
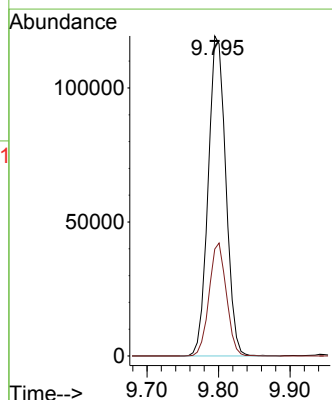
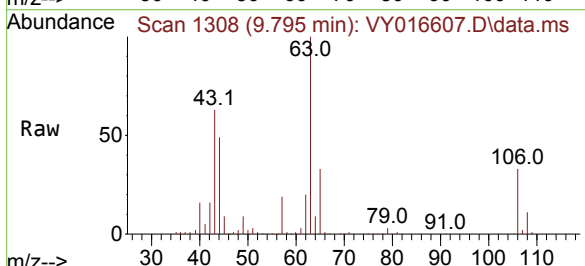
Acq: 06 Dec 2023 10:53

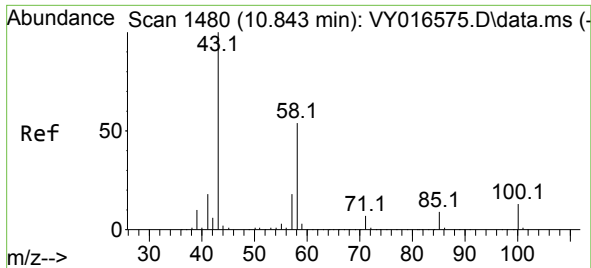
Tgt Ion: 63 Resp: 204412

Ion Ratio Lower Upper

63 100

106 34.5 21.2 31.8#

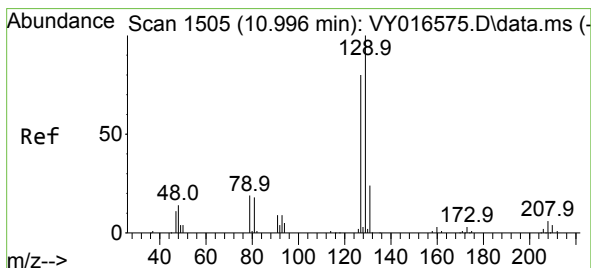
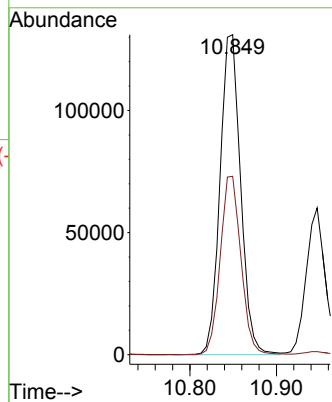
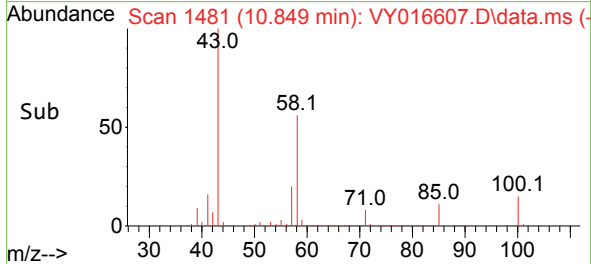
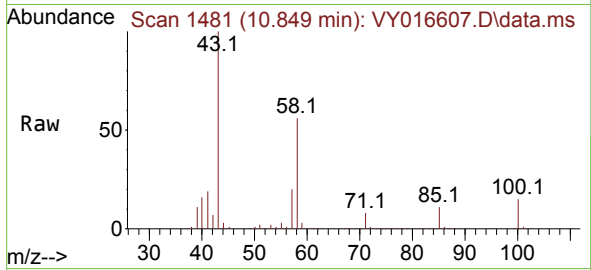




#59
2-Hexanone
Concen: 256.346 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

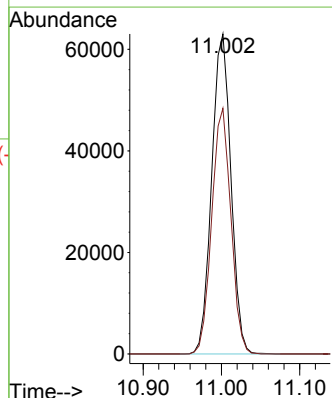
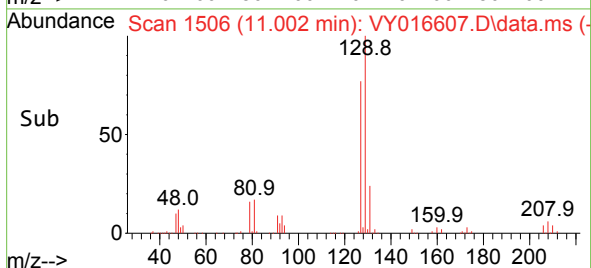
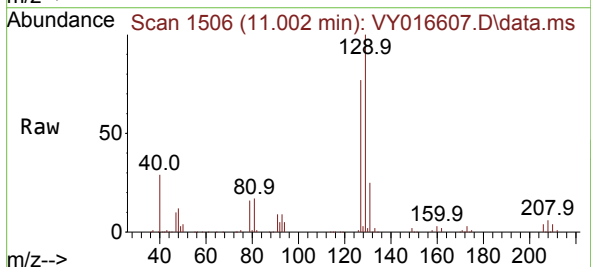
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

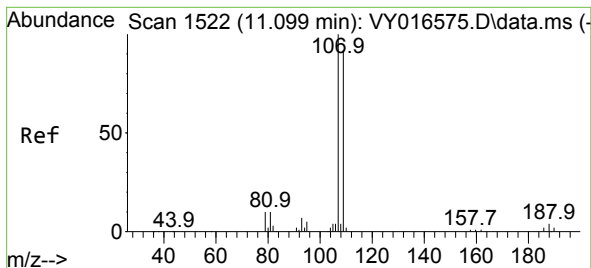
Tgt Ion: 43 Resp: 216430
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3



#60
Dibromochloromethane
Concen: 58.300 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 129 Resp: 107395
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 55.891 ug/l

RT: 11.105 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

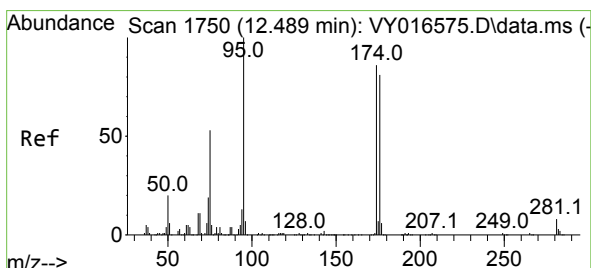
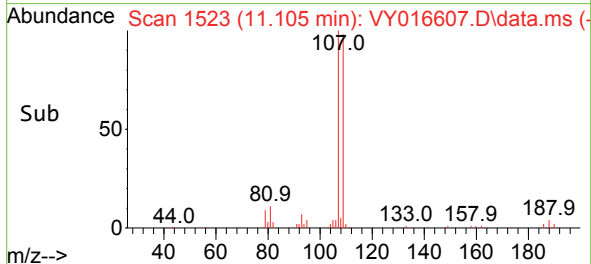
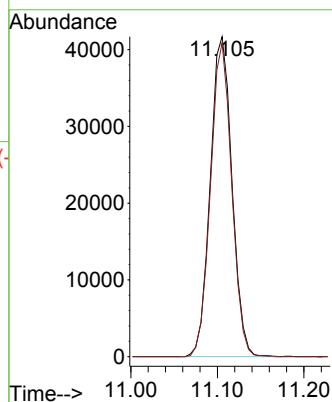
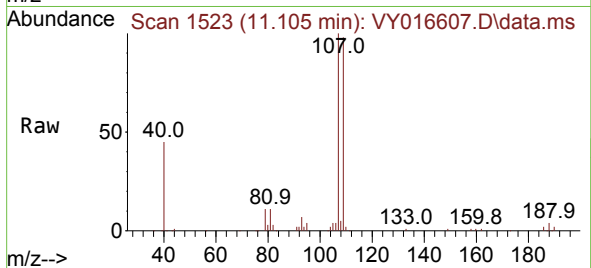
VSTDCCC050

Tgt Ion:107 Resp: 72476

Ion Ratio Lower Upper

107 100

109 95.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 56.758 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

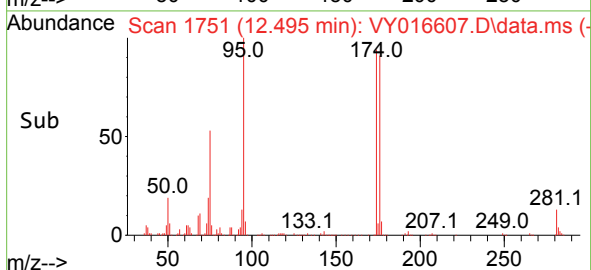
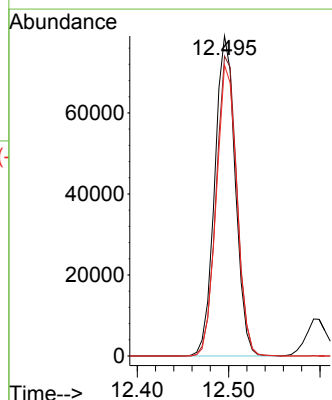
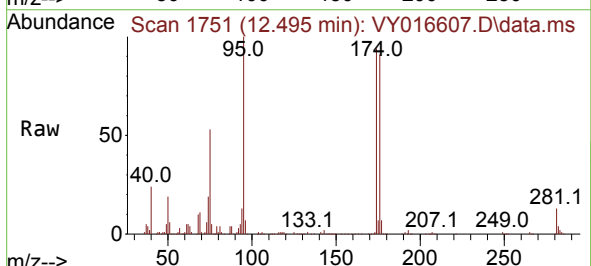
Tgt Ion: 95 Resp: 123566

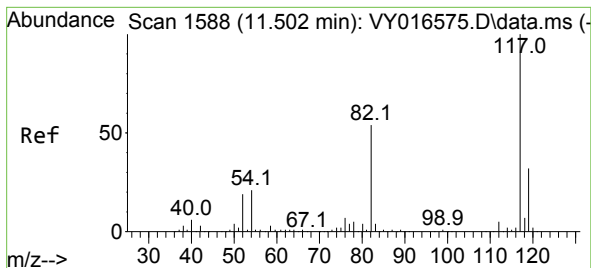
Ion Ratio Lower Upper

95 100

174 94.3 0.0 178.2

176 90.9 0.0 173.8

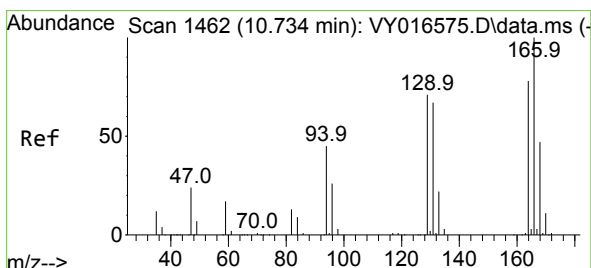
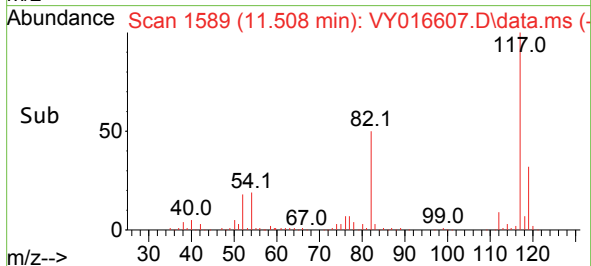
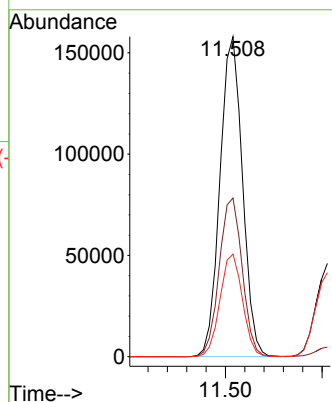
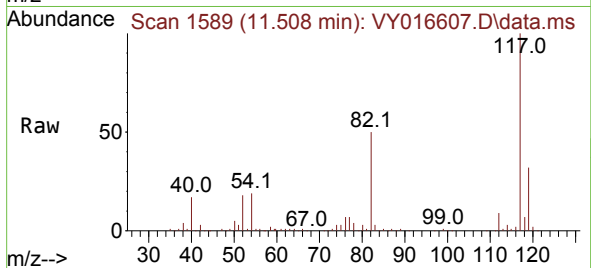




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

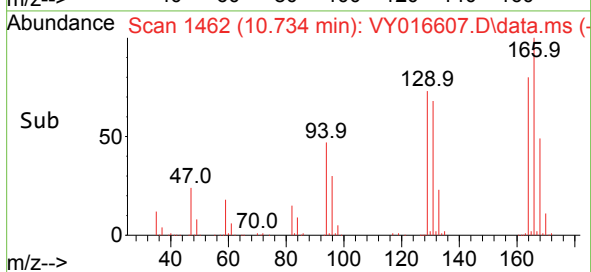
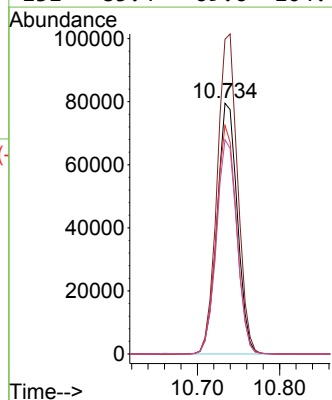
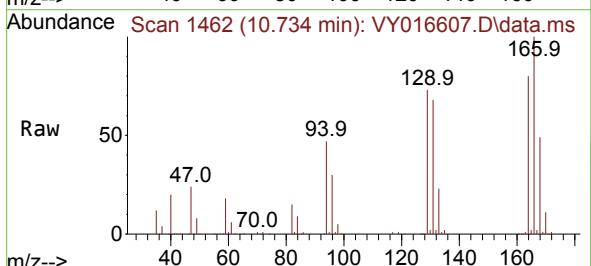
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

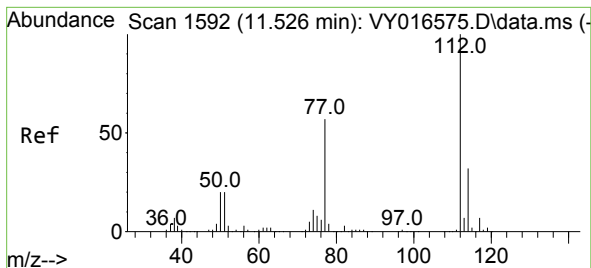
Tgt Ion:117 Resp: 254705
Ion Ratio Lower Upper
117 100
82 49.6 43.4 65.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 58.376 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion:164 Resp: 136268
Ion Ratio Lower Upper
164 100
166 125.5 103.0 154.6
129 91.1 77.2 115.8
131 85.4 69.6 104.4





#65

Chlorobenzene

Concen: 56.068 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

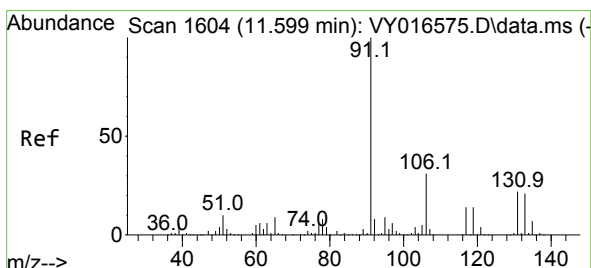
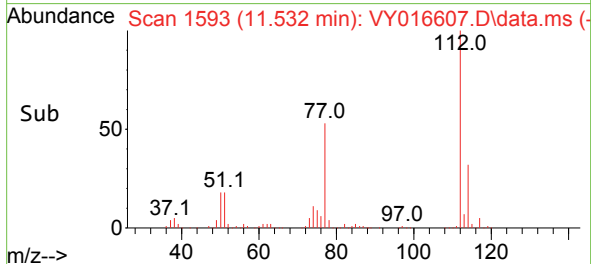
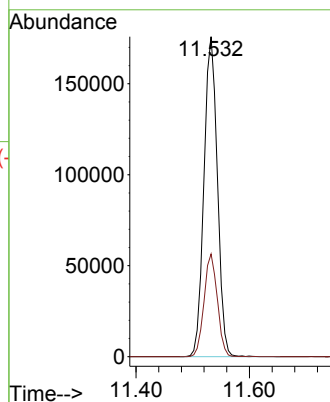
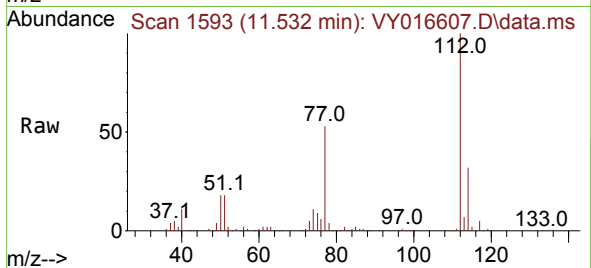
VSTDCCC050

Tgt Ion:112 Resp: 289251

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 56.554 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

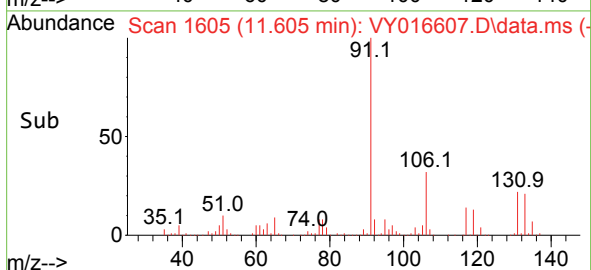
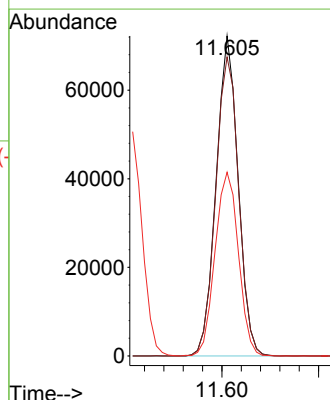
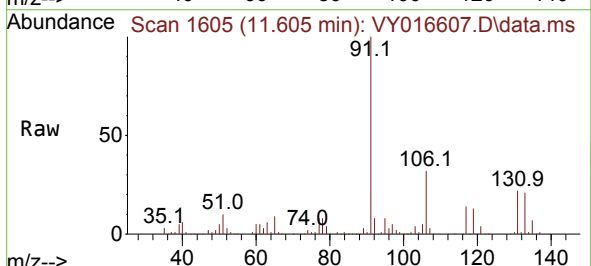
Tgt Ion:131 Resp: 114032

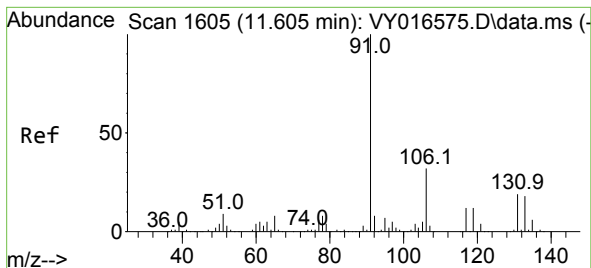
Ion Ratio Lower Upper

131 100

133 97.9 47.5 142.6

119 61.0 31.6 94.7





#67

Ethyl Benzene

Concen: 55.665 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

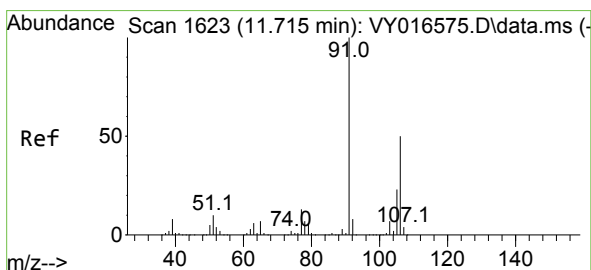
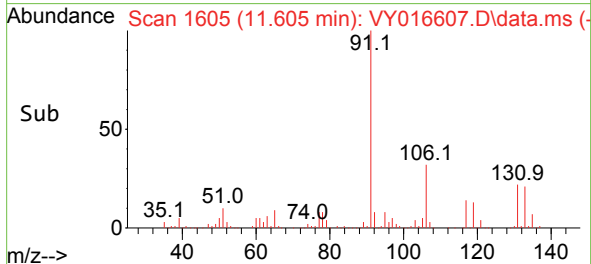
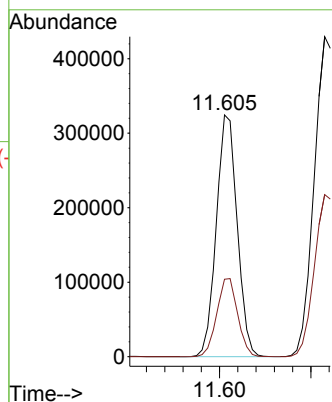
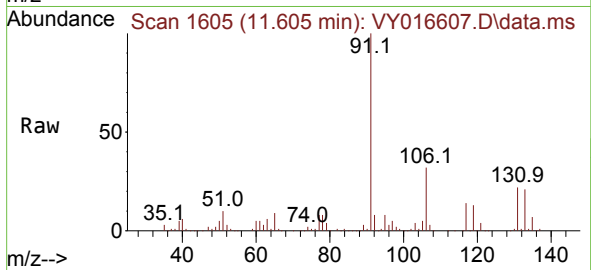
VSTDCCC050

Tgt Ion: 91 Resp: 515018

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 114.430 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016607.D

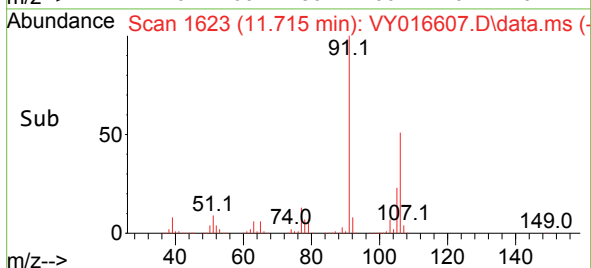
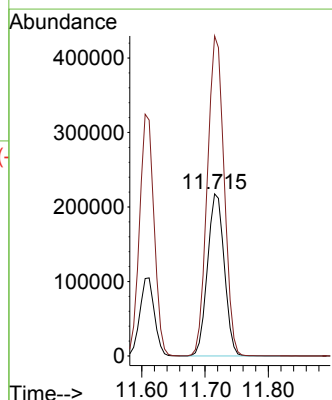
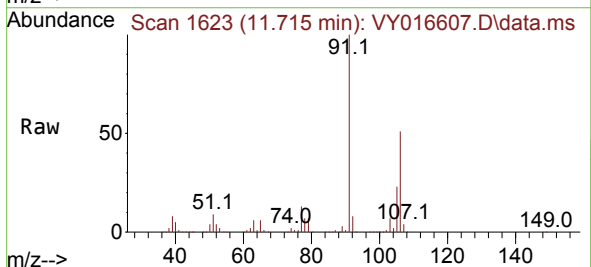
Acq: 06 Dec 2023 10:53

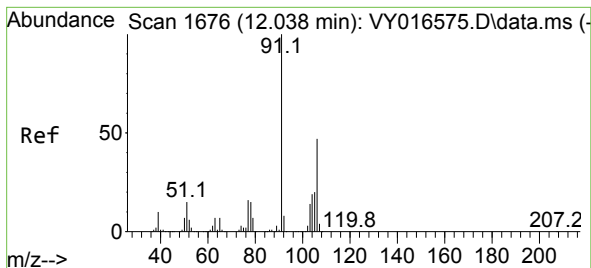
Tgt Ion: 106 Resp: 401912

Ion Ratio Lower Upper

106 100

91 197.1 166.1 249.1

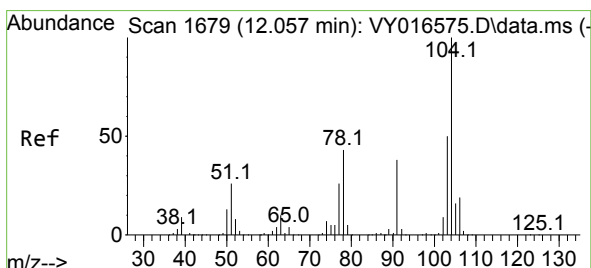
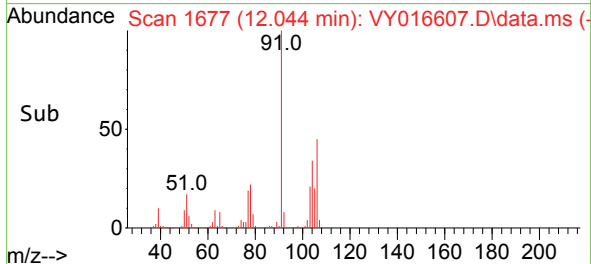
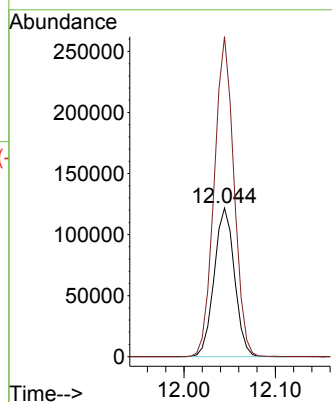
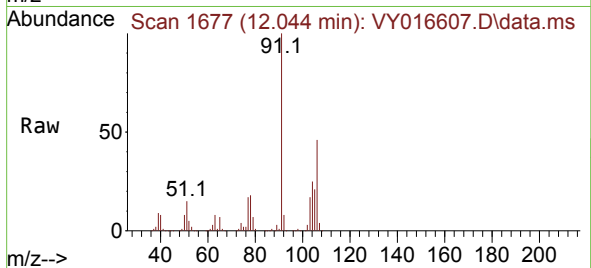




#69
o-Xylene
Concen: 57.408 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

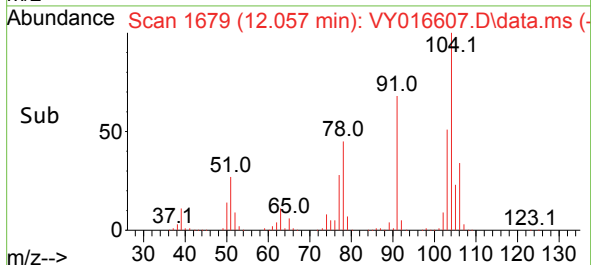
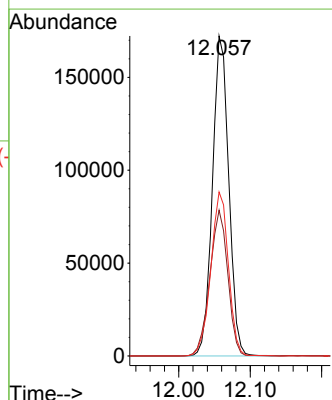
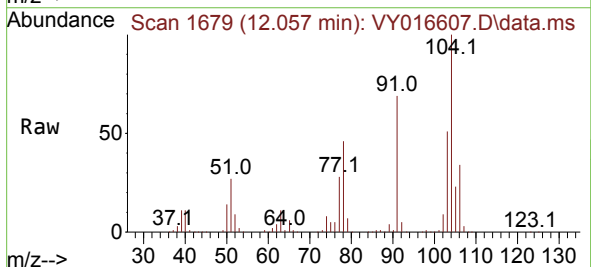
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

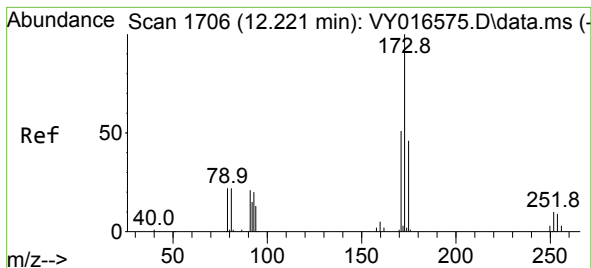
Tgt Ion:106 Resp: 188230
Ion Ratio Lower Upper
106 100
91 209.4 108.1 324.3



#70
Styrene
Concen: 58.063 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion:104 Resp: 273153
Ion Ratio Lower Upper
104 100
78 50.1 41.5 62.3
103 55.3 44.6 67.0





#71

Bromoform

Concen: 59.815 ug/l

RT: 12.221 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

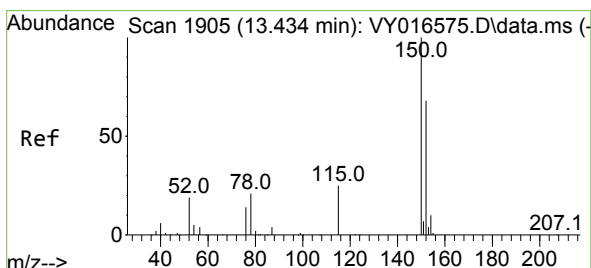
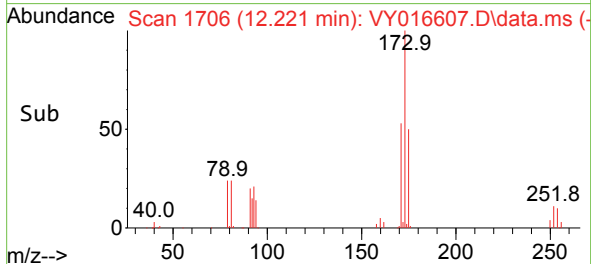
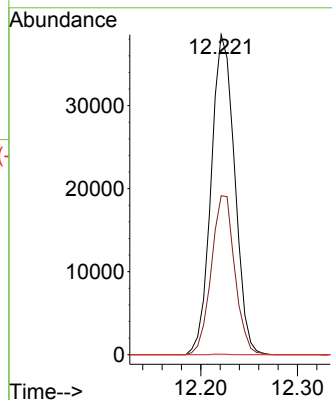
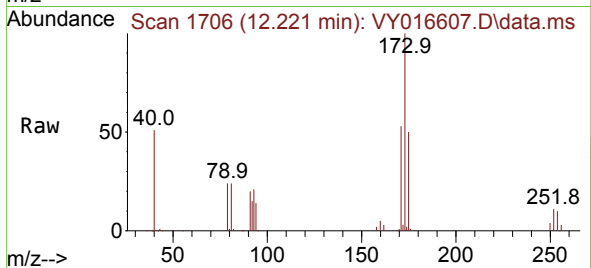
Tgt Ion:173 Resp: 65125

Ion Ratio Lower Upper

173 100

175 49.7 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

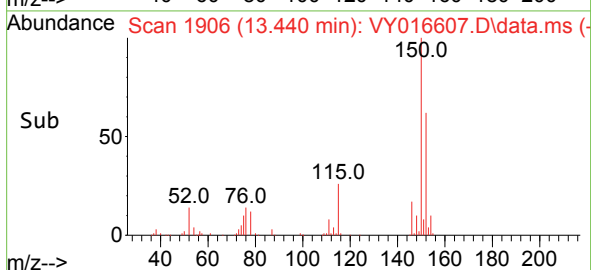
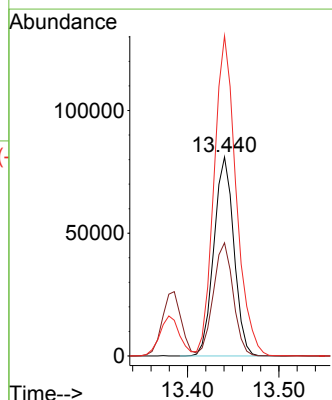
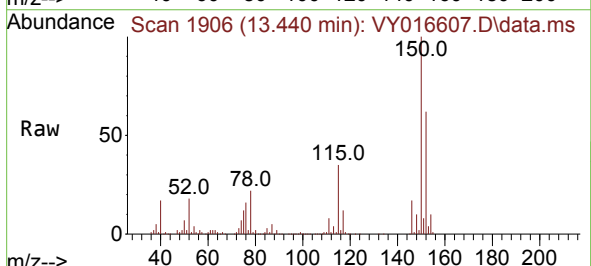
Tgt Ion:152 Resp: 123300

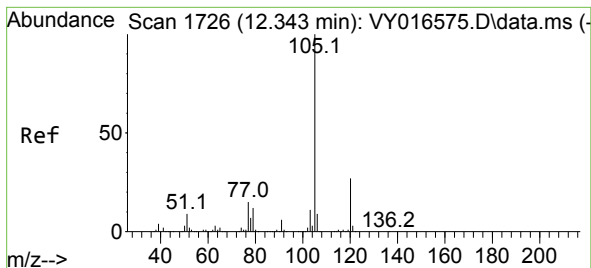
Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 177.8 0.0 348.8





#73

Isopropylbenzene

Concen: 57.110 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

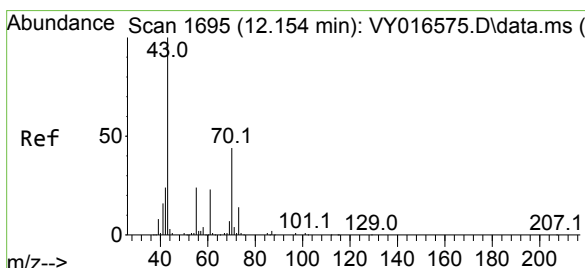
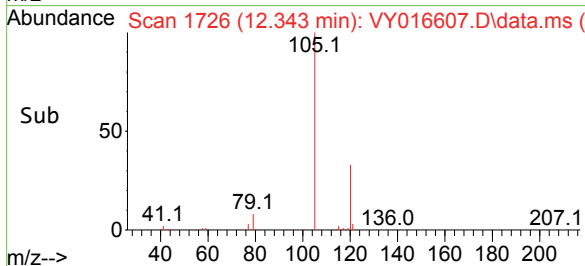
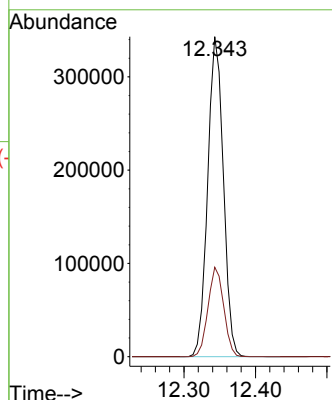
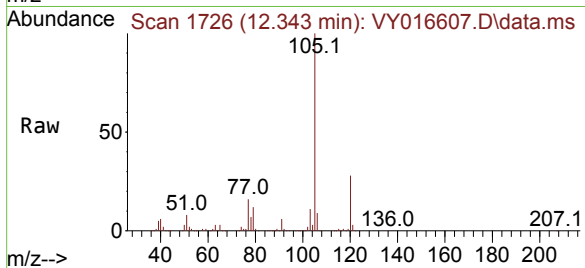
VSTDCCC050

Tgt Ion:105 Resp: 521412

Ion Ratio Lower Upper

105 100

120 28.0 13.3 39.9



#74

N-ethyl acetate

Concen: 51.673 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Tgt Ion: 43 Resp: 94071

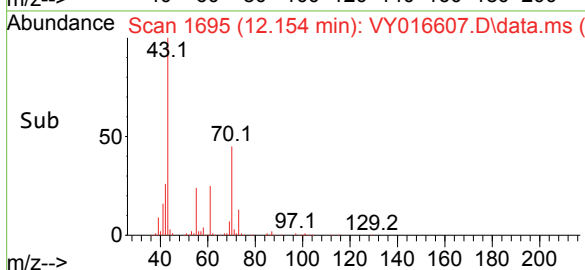
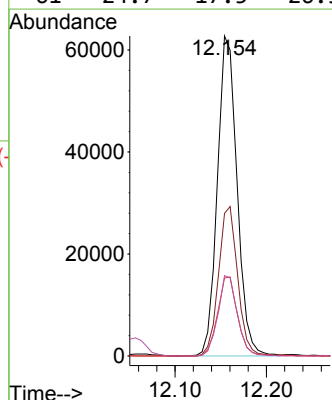
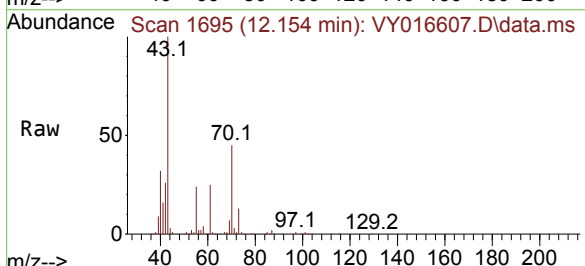
Ion Ratio Lower Upper

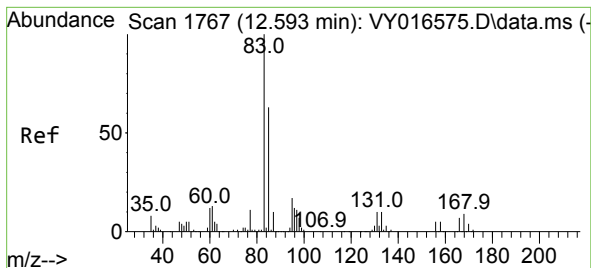
43 100

70 45.5 29.7 44.5

55 25.0 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.592 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

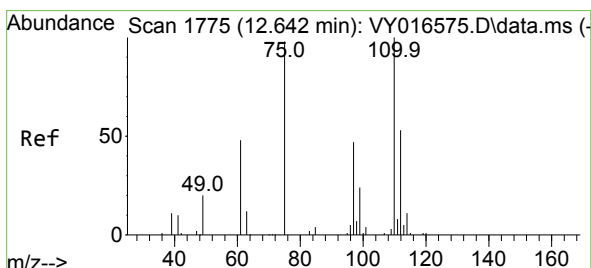
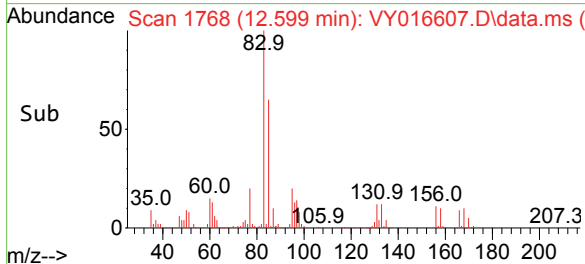
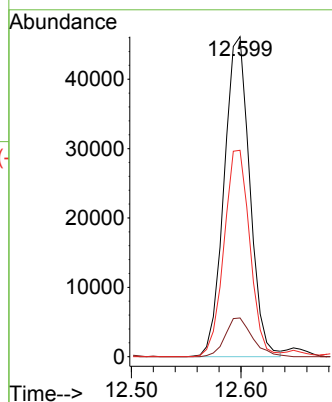
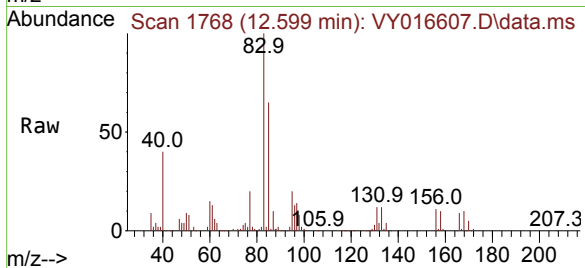
Tgt Ion: 83 Resp: 74920

Ion Ratio Lower Upper

83 100

131 12.9 5.4 16.2

85 65.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 97.618 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016607.D

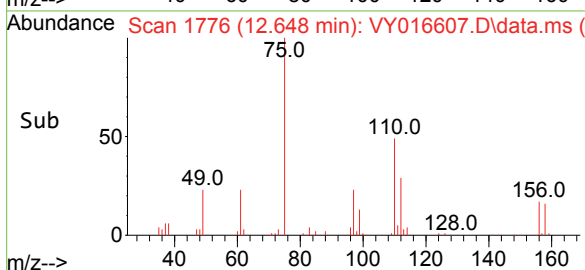
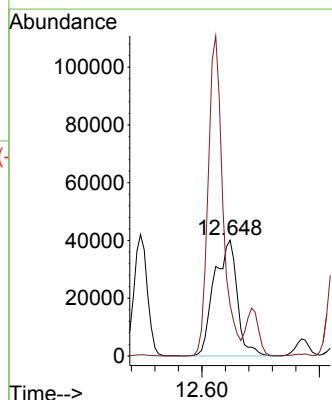
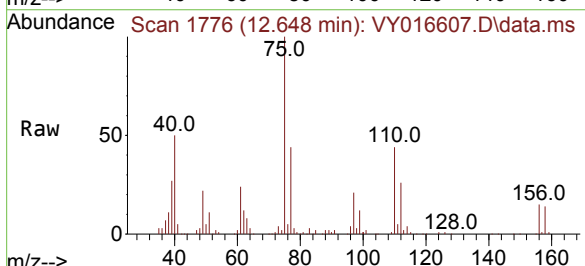
Acq: 06 Dec 2023 10:53

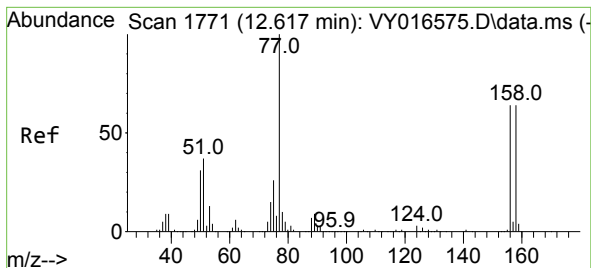
Tgt Ion: 75 Resp: 108728

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 58.382 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

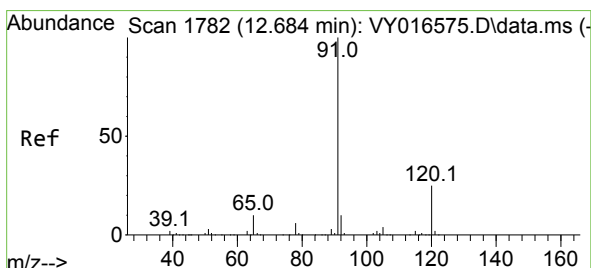
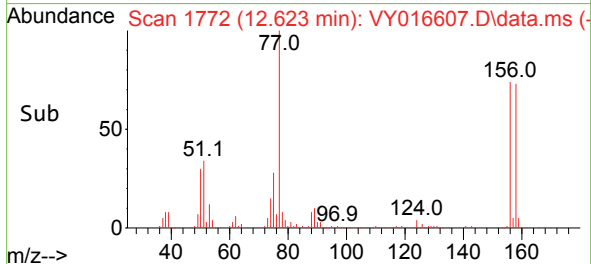
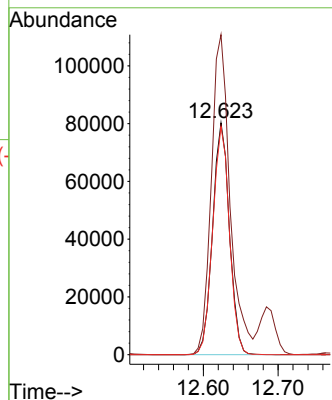
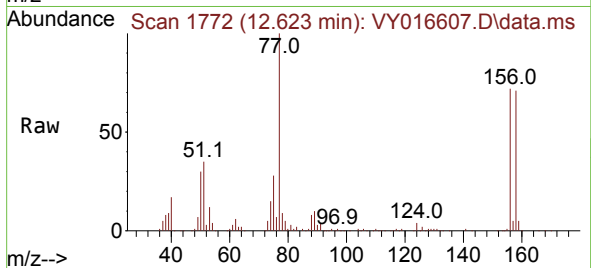
Tgt Ion:156 Resp: 125625

Ion Ratio Lower Upper

156 100

77 154.4 92.8 278.6

158 98.1 48.4 145.3



#78

n-propylbenzene

Concen: 55.728 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY016607.D

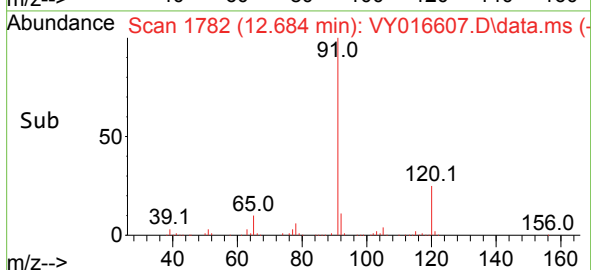
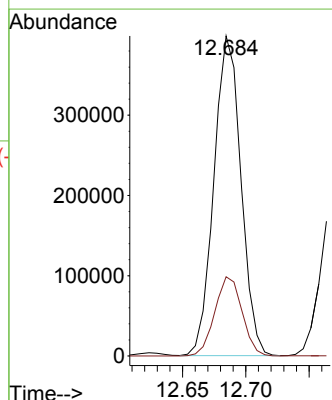
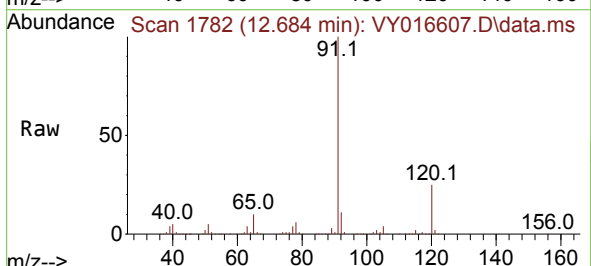
Acq: 06 Dec 2023 10:53

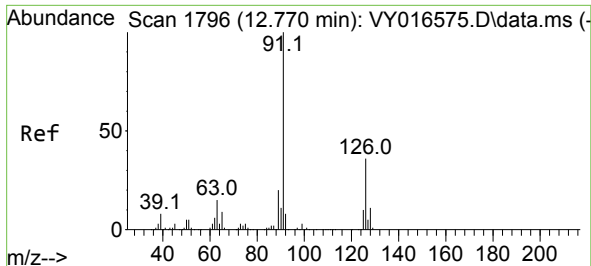
Tgt Ion: 91 Resp: 592206

Ion Ratio Lower Upper

91 100

120 24.9 11.5 34.4

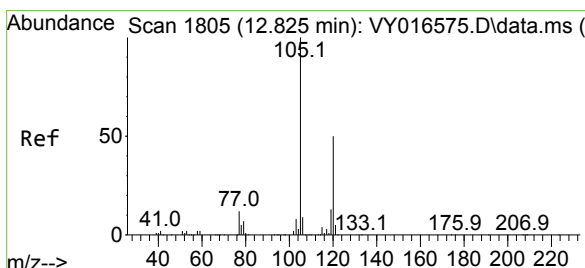
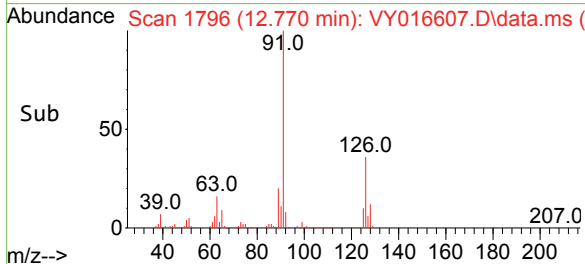
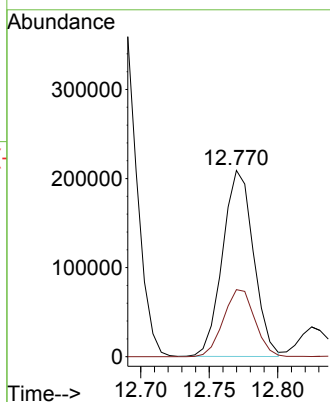
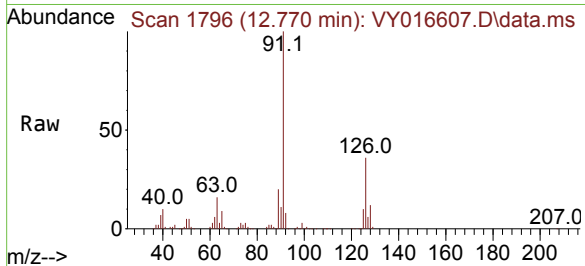




#79
2-Chlorotoluene
Concen: 54.859 ug/l
RT: 12.770 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

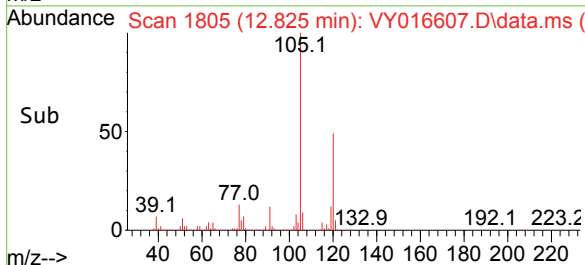
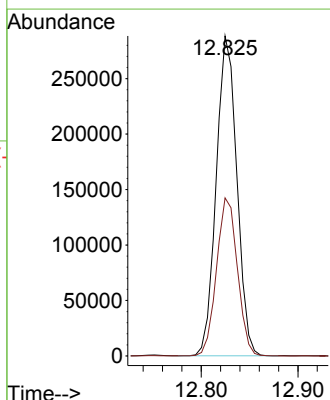
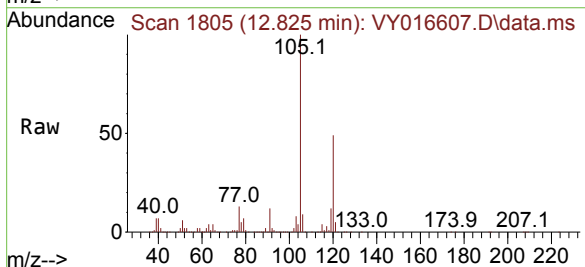
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

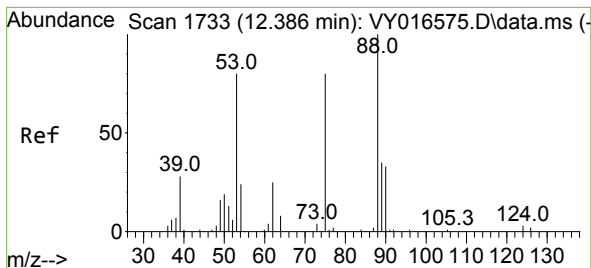
Tgt Ion: 91 Resp: 328510
Ion Ratio Lower Upper
91 100
126 36.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 57.408 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 105 Resp: 425892
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.7

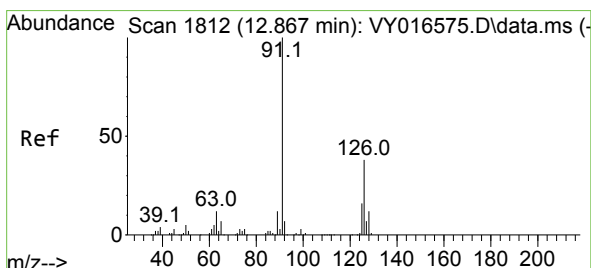
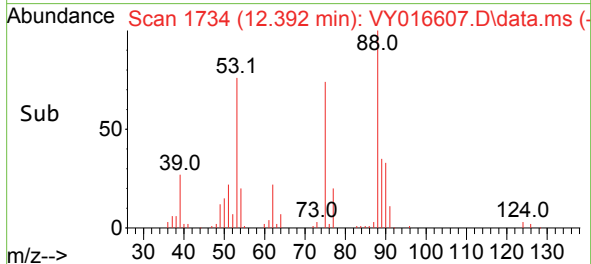
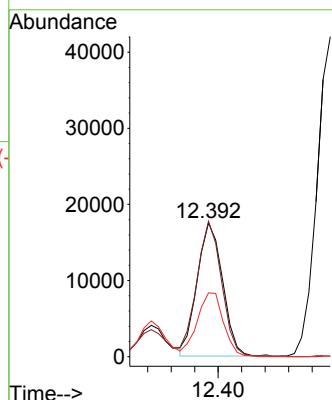
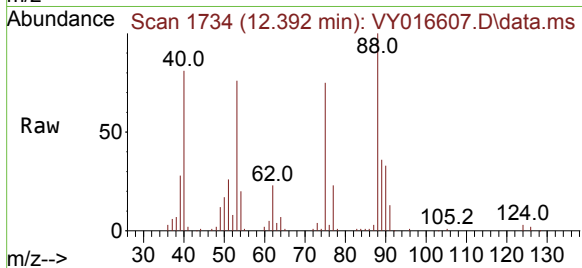




#81
trans-1,4-Dichloro-2-butene
Concen: 53.434 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

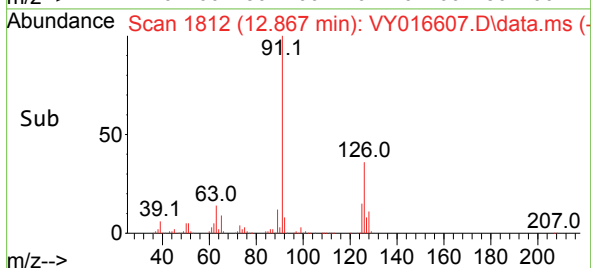
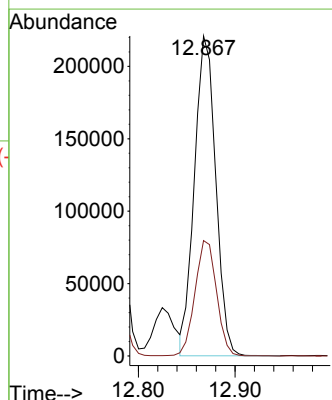
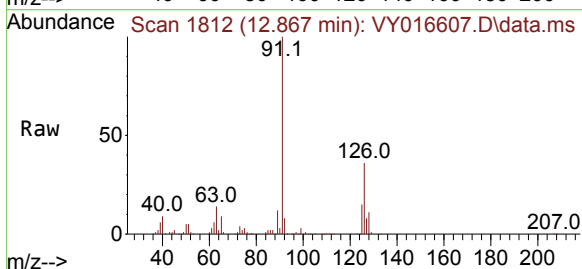
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

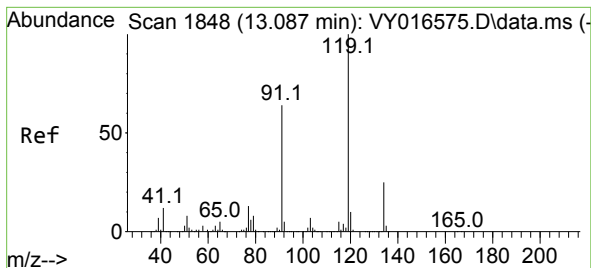
Tgt Ion: 75 Resp: 26383
Ion Ratio Lower Upper
75 100
53 101.0 77.8 116.8
89 49.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 54.553 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 91 Resp: 338027
Ion Ratio Lower Upper
91 100
126 36.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 59.882 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

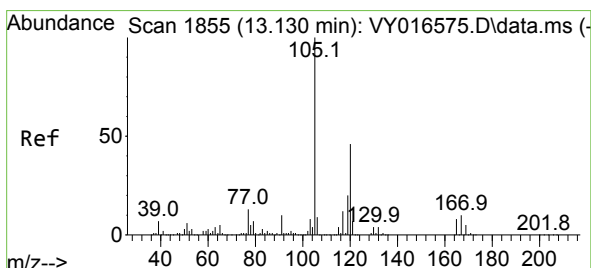
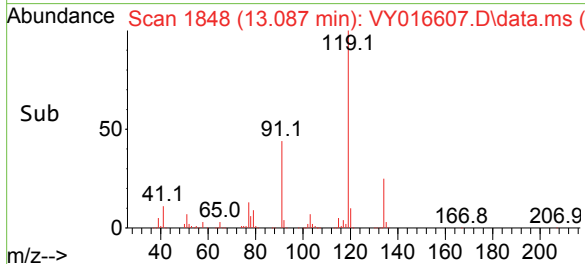
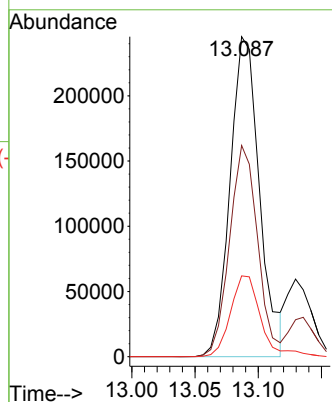
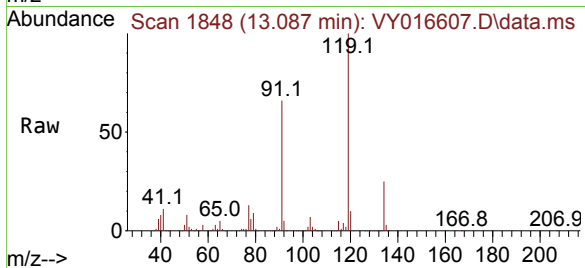
Tgt Ion:119 Resp: 396918

Ion Ratio Lower Upper

119 100

91 63.2 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 57.886 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016607.D

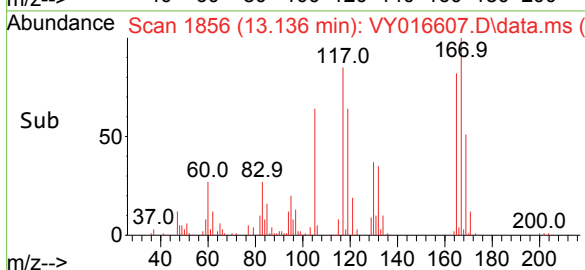
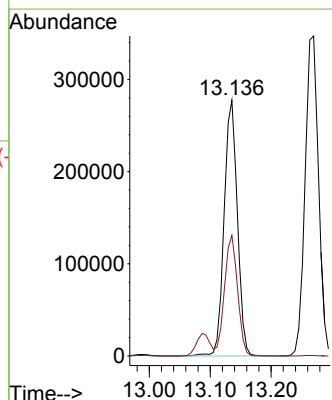
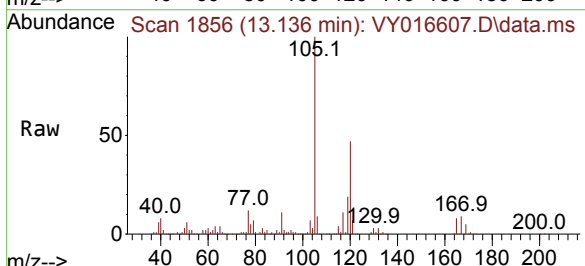
Acq: 06 Dec 2023 10:53

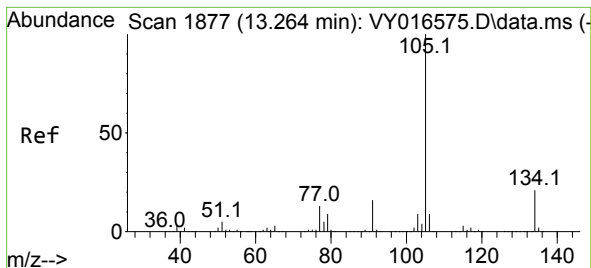
Tgt Ion:105 Resp: 419464

Ion Ratio Lower Upper

105 100

120 46.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 57.028 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

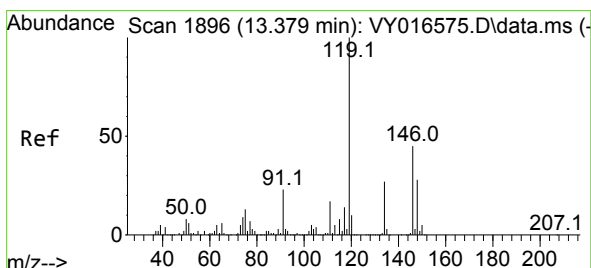
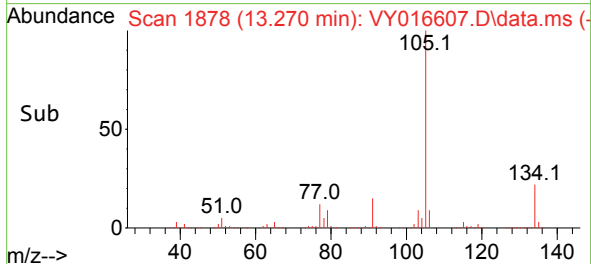
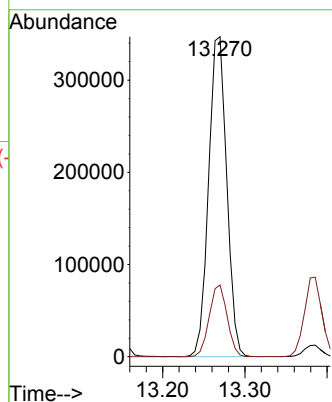
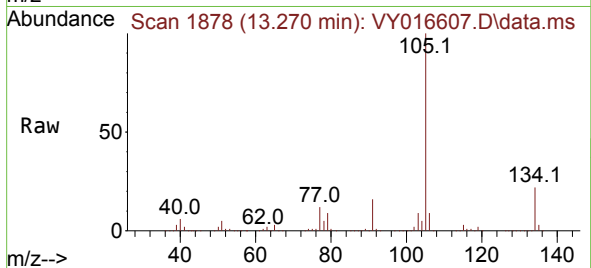
VSTDCCC050

Tgt Ion:105 Resp: 530899

Ion Ratio Lower Upper

105 100

134 22.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 59.136 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

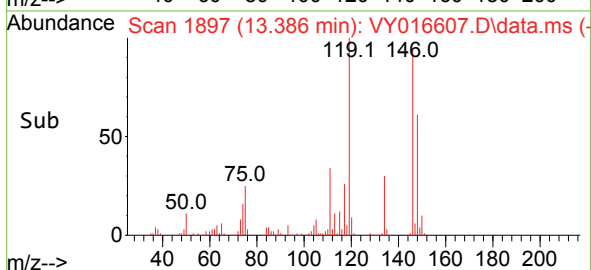
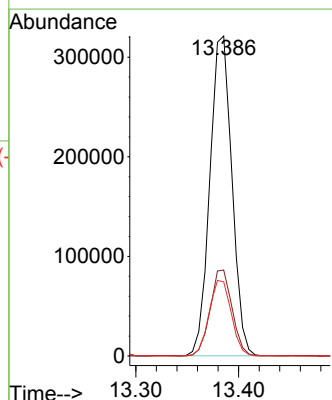
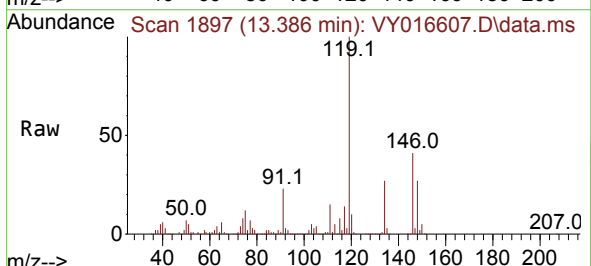
Tgt Ion:119 Resp: 477893

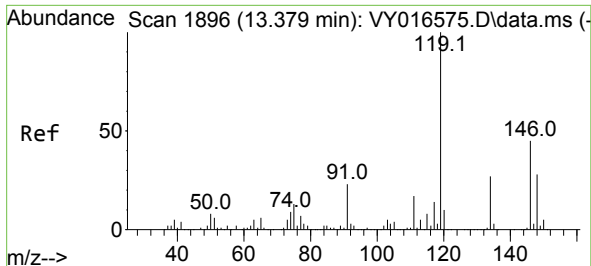
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.8 12.4 37.4

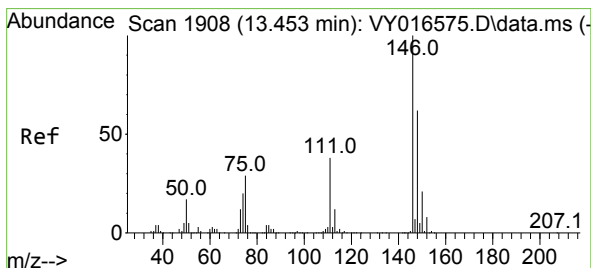
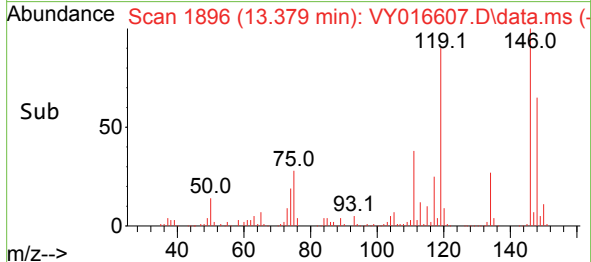
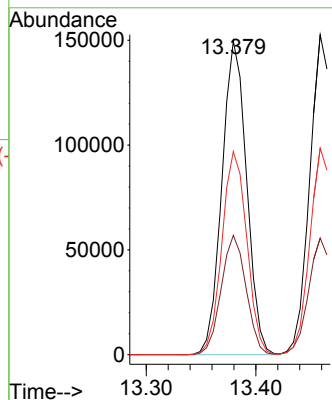
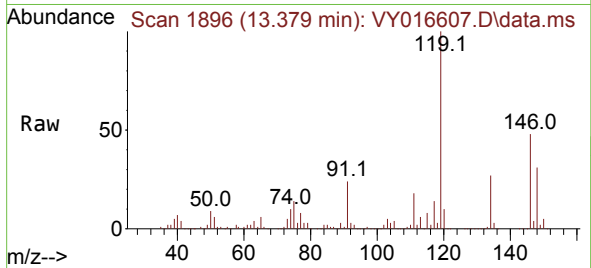




#87
1,3-Dichlorobenzene
Concen: 57.020 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

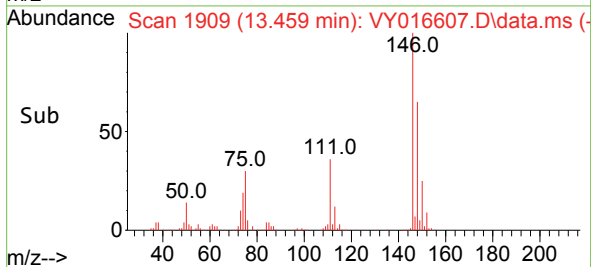
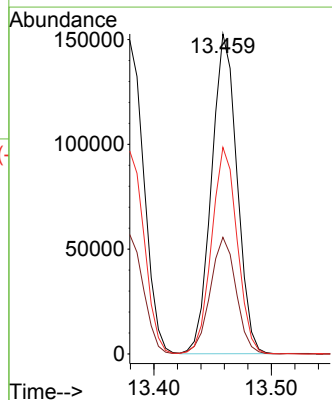
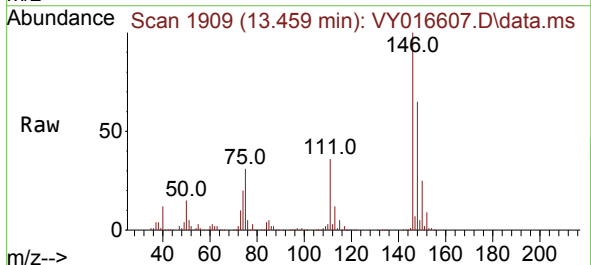
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

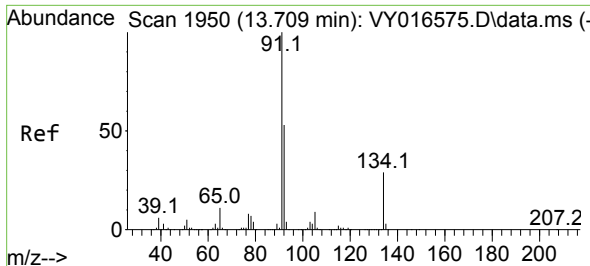
Tgt Ion:146 Resp: 234212
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.2
148 65.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 57.044 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion:146 Resp: 229955
Ion Ratio Lower Upper
146 100
111 36.9 18.9 56.7
148 64.9 32.1 96.5

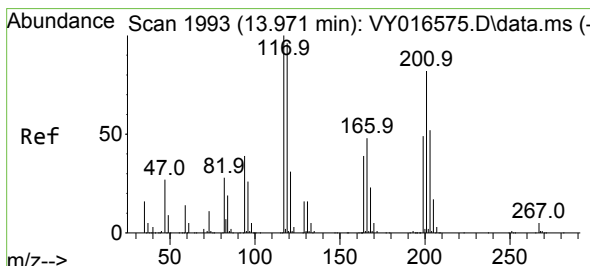
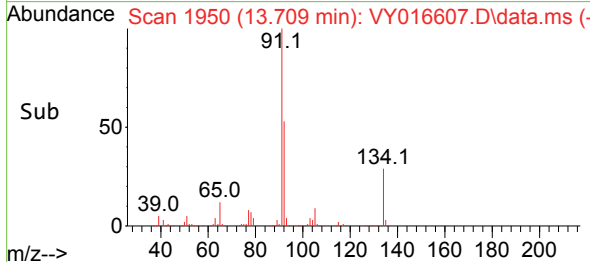
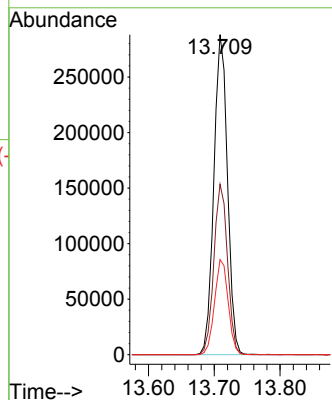
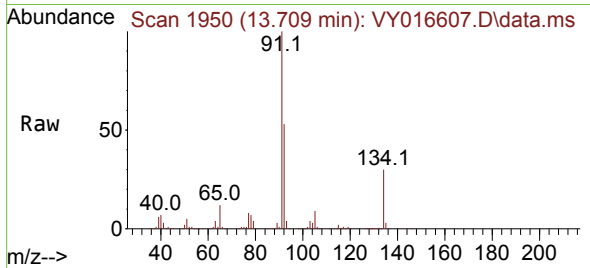




#89
n-Butylbenzene
Concen: 57.137 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

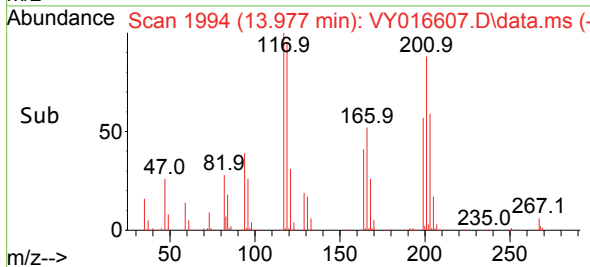
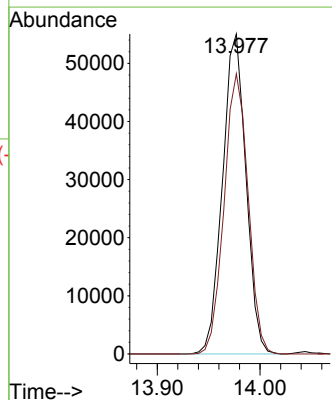
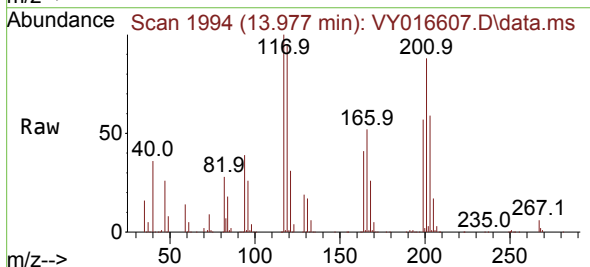
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

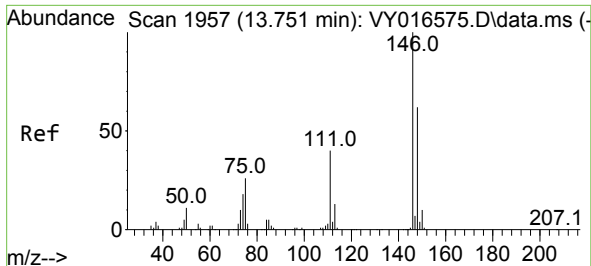
Tgt Ion: 91 Resp: 415244
Ion Ratio Lower Upper
91 100
92 53.5 25.4 76.0
134 29.8 12.6 37.6



#90
Hexachloroethane
Concen: 54.885 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 117 Resp: 87271
Ion Ratio Lower Upper
117 100
201 89.4 41.6 124.8

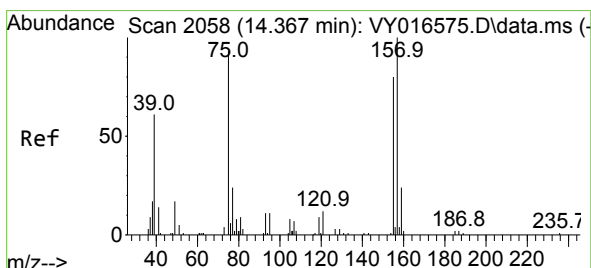
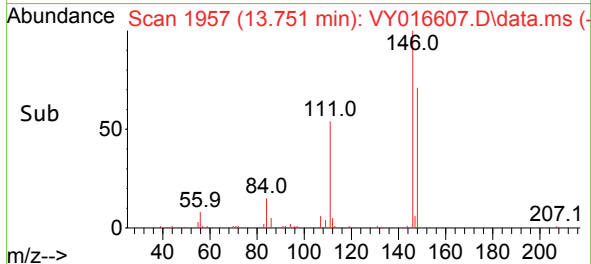
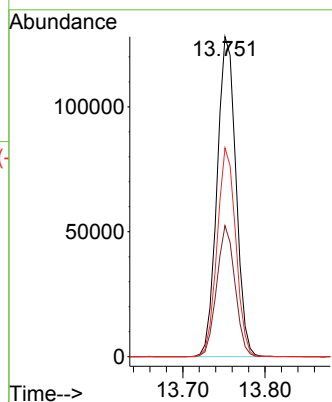
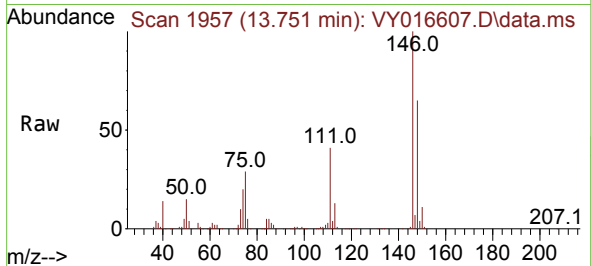




#91
1,2-Dichlorobenzene
Concen: 57.907 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

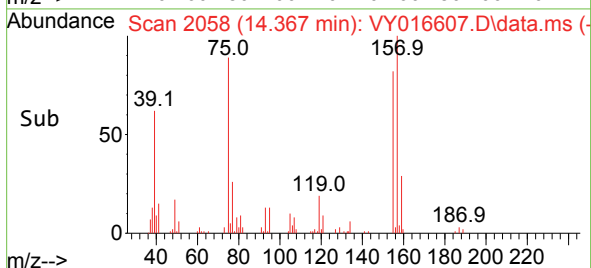
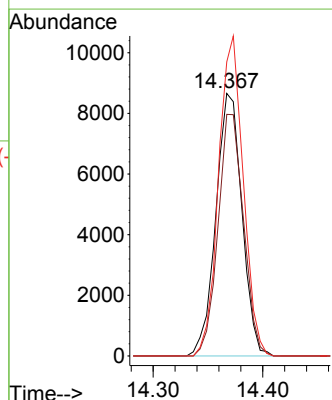
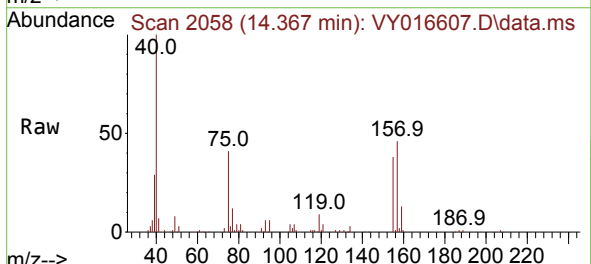
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

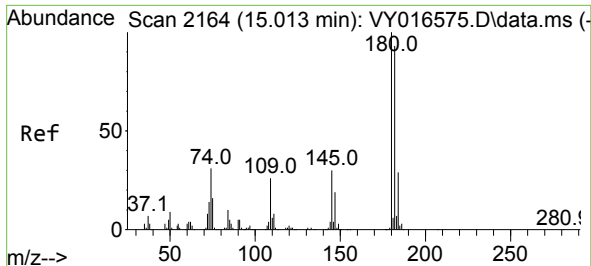
Tgt Ion:146 Resp: 204212
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 64.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.463 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 75 Resp: 14283
Ion Ratio Lower Upper
75 100
155 90.0 41.5 124.6
157 115.3 51.8 155.5

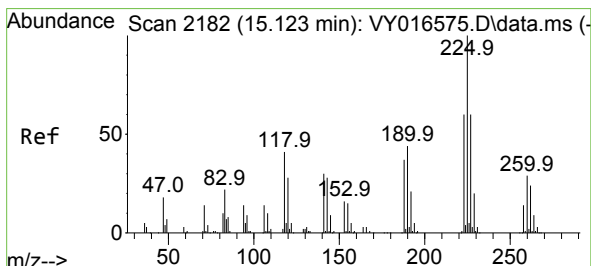
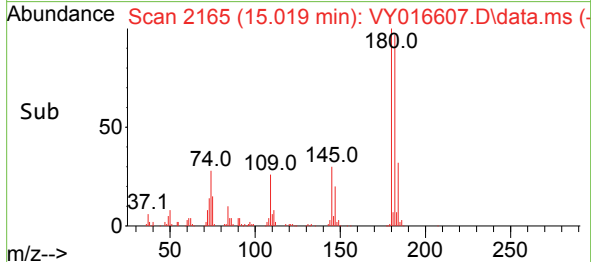
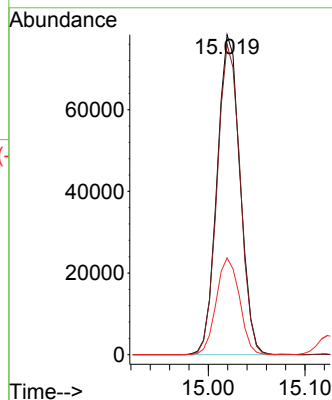
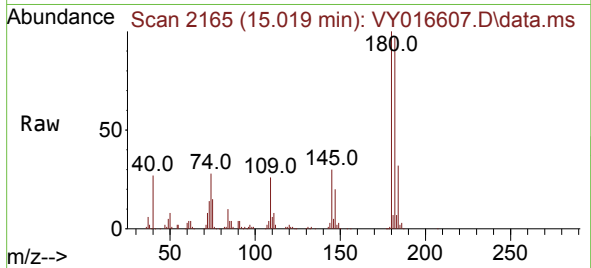




#93
1,2,4-Trichlorobenzene
Concen: 64.787 ug/l
RT: 15.019 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

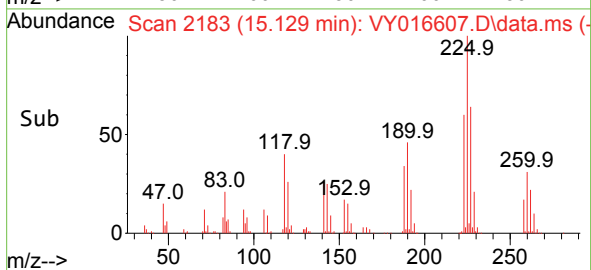
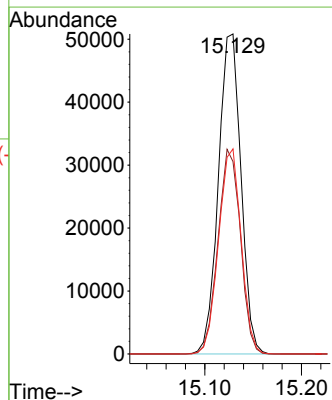
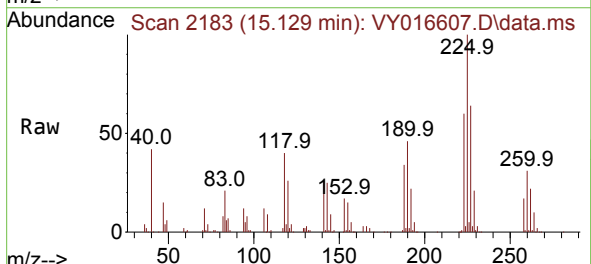
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

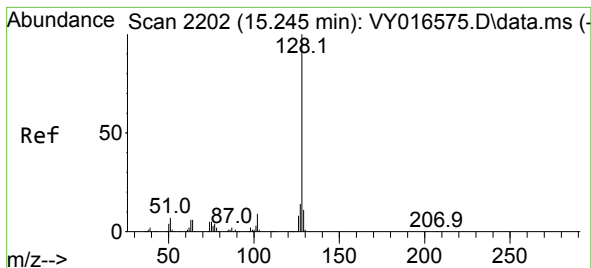
Tgt Ion:180 Resp: 128926
Ion Ratio Lower Upper
180 100
182 97.2 47.0 141.2
145 30.6 14.5 43.5



#94
Hexachlorobutadiene
Concen: 65.476 ug/l
RT: 15.129 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY016607.D
Acq: 06 Dec 2023 10:53

Tgt Ion:225 Resp: 82322
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.9
227 63.9 33.0 98.9





#95

Naphthalene

Concen: 65.645 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

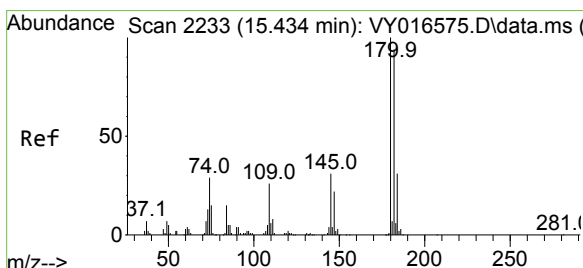
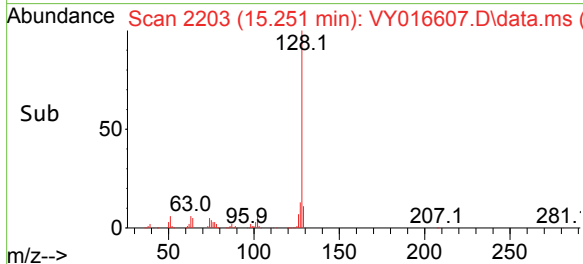
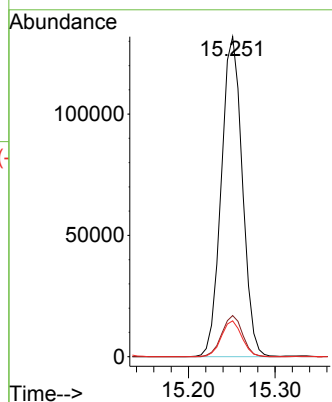
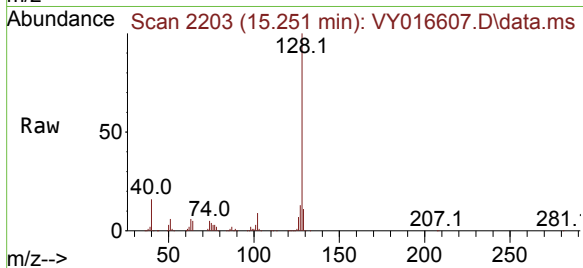
Tgt Ion:128 Resp: 222711

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 66.218 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016607.D

Acq: 06 Dec 2023 10:53

Tgt Ion:180 Resp: 107335

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

145 31.1 15.4 46.2

