

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016697.D
 Acq On : 19 Dec 2023 15:24
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 06:34:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	194371	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	284450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	245306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	116098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75055	46.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.360%
35) Dibromofluoromethane	7.734	113	79492	47.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.900%
50) Toluene-d8	10.191	98	293982	48.454	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.489	95	80765	46.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.640%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	63746	46.083	ug/l	100
3) Chloromethane	2.125	50	118761	48.023	ug/l	99
4) Vinyl Chloride	2.265	62	161288	42.965	ug/l	98
5) Bromomethane	2.668	94	140145	43.027	ug/l	100
6) Chloroethane	2.814	64	116335	41.402	ug/l	95
7) Trichlorofluoromethane	3.149	101	145143	44.112	ug/l	98
8) Diethyl Ether	3.552	74	40942	46.484	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.930	101	79847	44.729	ug/l	96
10) Methyl Iodide	4.119	142	97350	48.021	ug/l	97
11) Tert butyl alcohol	4.984	59	25321	251.500	ug/l	100
12) 1,1-Dichloroethene	3.893	96	74236	45.851	ug/l	98
13) Acrolein	3.753	56	20313	249.197	ug/l	97
14) Allyl chloride	4.509	41	91589	45.304	ug/l #	85
15) Acrylonitrile	5.192	53	80697	228.851	ug/l	97
16) Acetone	3.966	43	77012	237.689	ug/l	97
17) Carbon Disulfide	4.222	76	201400	46.479	ug/l	100
18) Methyl Acetate	4.503	43	67748	48.633	ug/l	98
19) Methyl tert-butyl Ether	5.247	73	186581	47.705	ug/l	99
20) Methylene Chloride	4.747	84	89929	51.444	ug/l	99
21) trans-1,2-Dichloroethene	5.247	96	84610	46.207	ug/l	98
22) Diisopropyl ether	6.143	45	217646	47.036	ug/l	98
23) Vinyl Acetate	6.082	43	530714	234.554	ug/l	100
24) 1,1-Dichloroethane	6.039	63	145137	45.547	ug/l	100
25) 2-Butanone	7.002	43	105271	241.342	ug/l	99
26) 2,2-Dichloropropane	7.002	77	136058	47.016	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	96695	46.721	ug/l	95
28) Bromochloromethane	7.356	49	56840	49.122	ug/l	93
29) Tetrahydrofuran	7.362	42	62813	241.318	ug/l	97
30) Chloroform	7.527	83	156292	45.715	ug/l	99
31) Cyclohexane	7.801	56	114800	43.626	ug/l	99
32) 1,1,1-Trichloroethane	7.722	97	142125	46.818	ug/l	97
36) 1,1-Dichloropropene	7.935	75	118750	46.860	ug/l	98
37) Ethyl Acetate	7.094	43	44543	45.893	ug/l	96
38) Carbon Tetrachloride	7.923	117	126837	46.387	ug/l	99
39) Methylcyclohexane	9.197	83	136212	46.685	ug/l	98
40) Benzene	8.179	78	338416	46.480	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	62557	121.357	ug/l	# 28
42) 1,2-Dichloroethane	8.252	62	95212	46.213	ug/l	96
43) Isopropyl Acetate	8.283	43	88567	47.510	ug/l	98
44) Trichloroethene	8.953	130	94098	46.963	ug/l	99
45) 1,2-Dichloropropane	9.228	63	81807	47.008	ug/l	99
46) Dibromomethane	9.319	93	46512	47.329	ug/l	100
47) Bromodichloromethane	9.508	83	119445	46.550	ug/l	99
48) Methyl methacrylate	9.301	41	49995	49.430	ug/l	# 89
49) 1,4-Dioxane	9.313	88	9994	1104.538	ug/l	# 81
51) 4-Methyl-2-Pentanone	10.081	43	238005	248.748	ug/l	96
52) Toluene	10.252	92	211849	47.555	ug/l	97
53) t-1,3-Dichloropropene	10.477	75	113867	49.561	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	132410	48.639	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	63200	46.555	ug/l	100
56) Ethyl methacrylate	10.520	69	56611	51.246	ug/l	# 91
57) 1,3-Dichloropropane	10.801	76	106241	47.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	193774	253.896	ug/l	96
59) 2-Hexanone	10.843	43	168467	241.668	ug/l	96
60) Dibromochloromethane	10.996	129	80991	49.138	ug/l	99
61) 1,2-Dibromoethane	11.099	107	58787	48.082	ug/l	99
64) Tetrachloroethene	10.727	164	78682	46.500	ug/l	96
65) Chlorobenzene	11.526	112	226813	46.689	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.599	131	87792	46.648	ug/l	98
67) Ethyl Benzene	11.605	91	411554	47.421	ug/l	99
68) m/p-Xylenes	11.715	106	312335	94.942	ug/l	99
69) o-Xylene	12.038	106	145733	48.493	ug/l	99
70) Styrene	12.056	104	210605	48.533	ug/l	99
71) Bromoform	12.221	173	46853	48.066	ug/l	# 99
73) Isopropylbenzene	12.343	105	387765	48.306	ug/l	100
74) N-amyl acetate	12.154	43	72050	49.603	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	69974	46.847	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	86234	85.449	ug/l	# 100
77) Bromobenzene	12.617	156	92157	47.614	ug/l	98
78) n-propylbenzene	12.684	91	455524	47.866	ug/l	99
79) 2-Chlorotoluene	12.770	91	242034	47.479	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	304176	48.356	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	22177	50.419	ug/l	91
82) 4-Chlorotoluene	12.867	91	251297	47.673	ug/l	98
83) tert-Butylbenzene	13.087	119	274684	48.528	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	308865	48.985	ug/l	100
85) sec-Butylbenzene	13.263	105	395746	48.482	ug/l	99
86) p-Isopropyltoluene	13.379	119	346822	48.599	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	179866	46.961	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	174235	47.484	ug/l	99
89) n-Butylbenzene	13.709	91	316599	48.531	ug/l	97
90) Hexachloroethane	13.971	117	67594	47.526	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	151363	48.103	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9296	47.467	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	96080	51.081	ug/l	98
94) Hexachlorobutadiene	15.123	225	56434	47.471	ug/l	99
95) Naphthalene	15.251	128	161024	53.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	79982	50.275	ug/l	97

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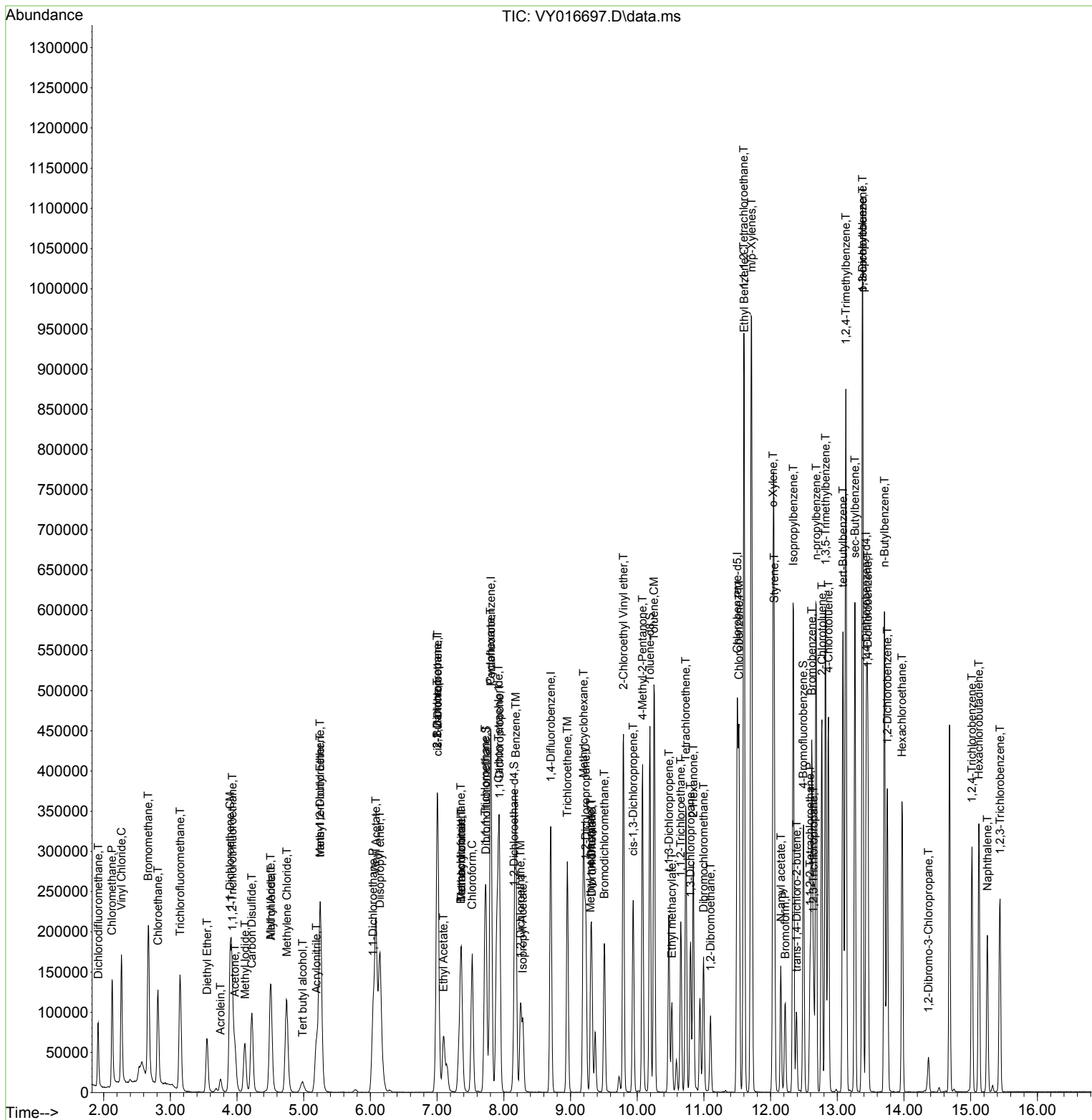
Instrument :
MSVOA_Y
ClientSampleId :

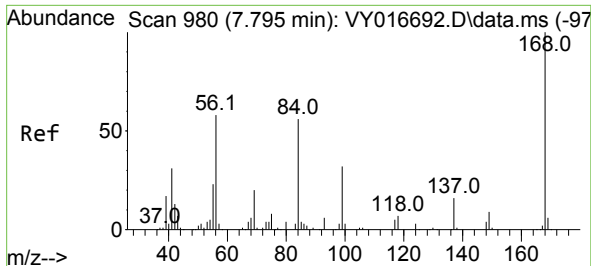
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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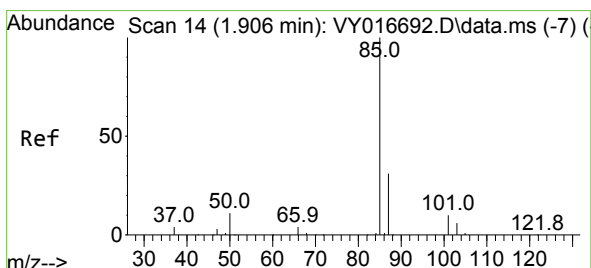
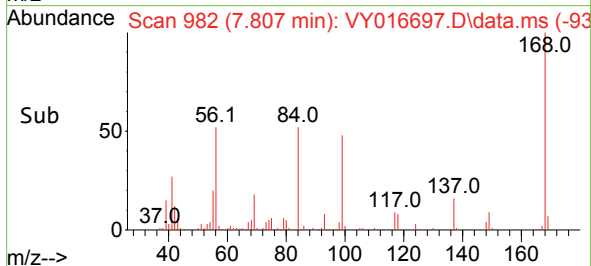
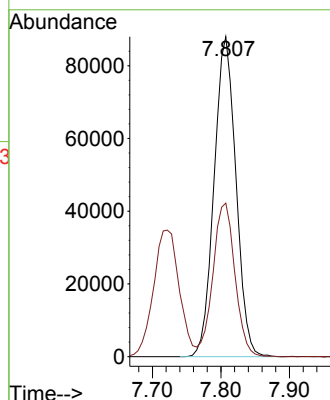
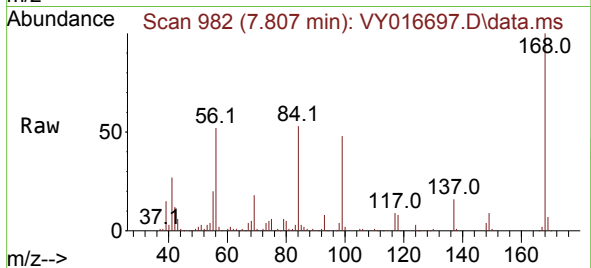




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016697.D
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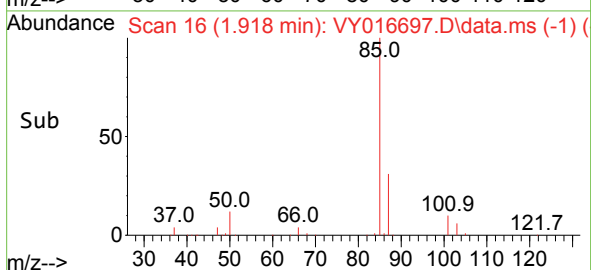
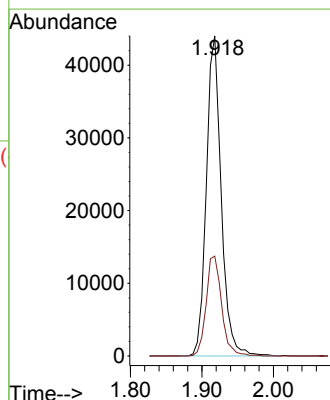
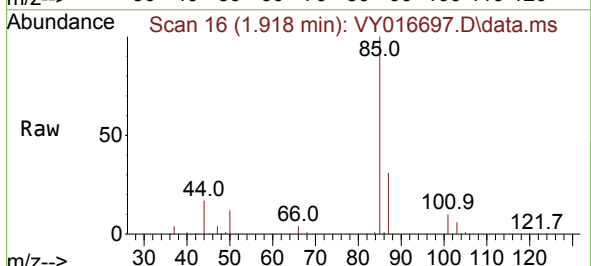
Instrument :
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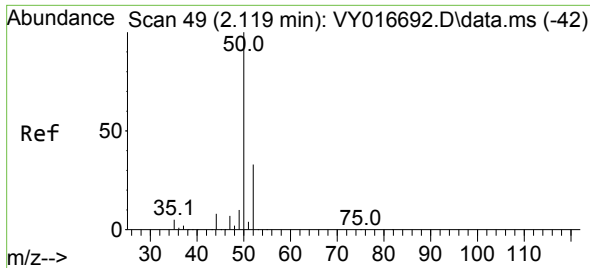
Tgt Ion:168 Resp: 194371
Ion Ratio Lower Upper
168 100
99 48.0 40.2 60.4



#2
Dichlorodifluoromethane
Concen: 46.083 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 85 Resp: 63746
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.8

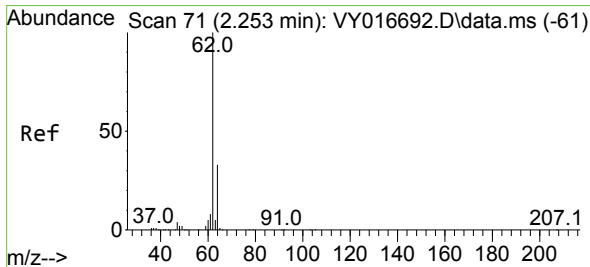
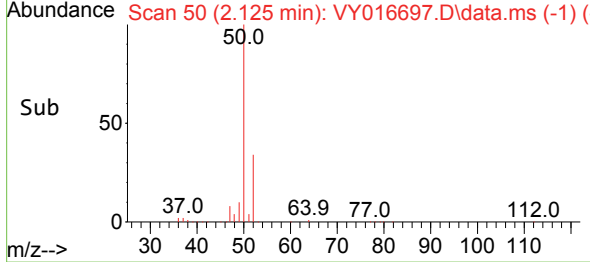
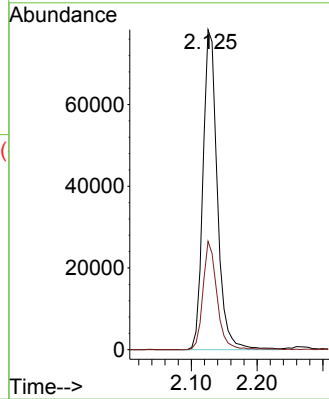
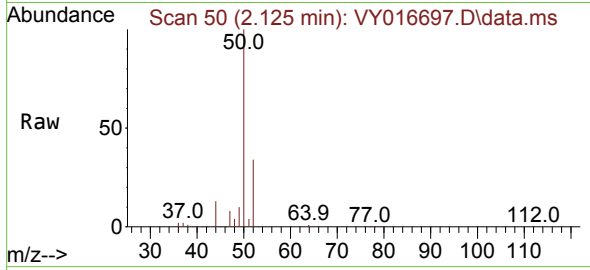




#3
Chloromethane
Concen: 48.023 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016697.D
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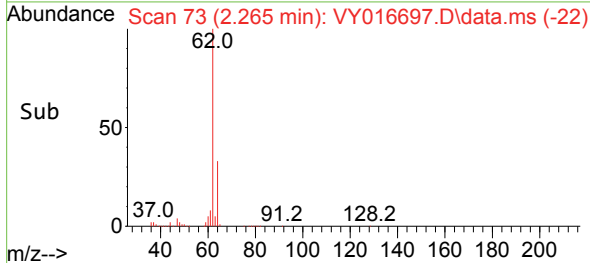
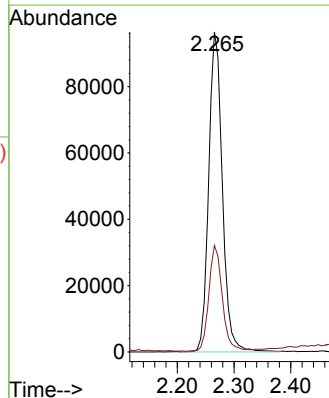
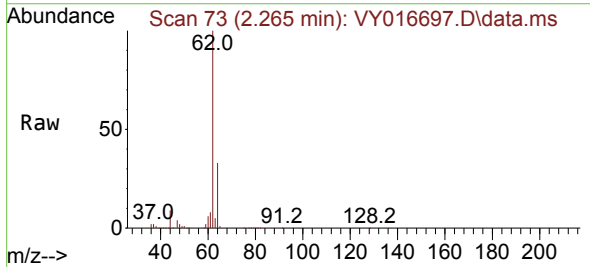
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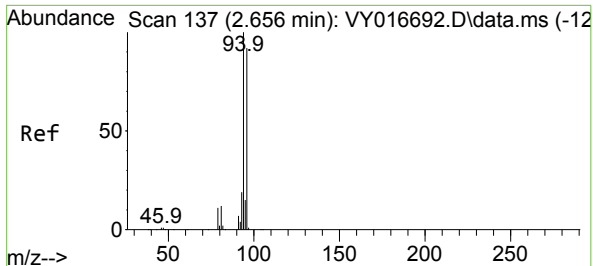
Tgt Ion: 50 Resp: 118761
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0



#4
Vinyl Chloride
Concen: 42.965 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 62 Resp: 161288
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.2

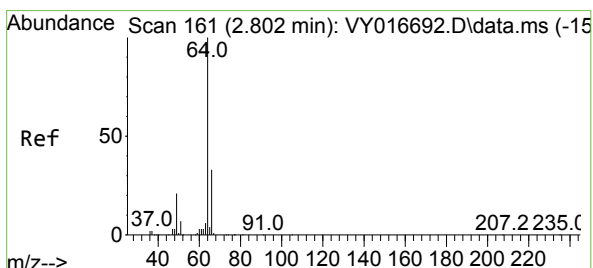
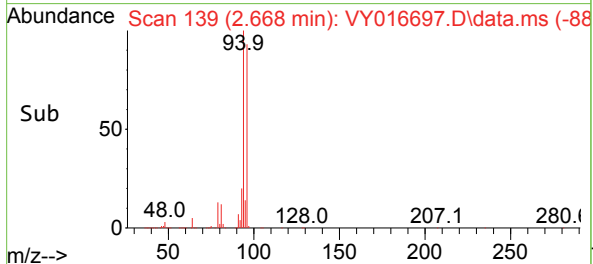
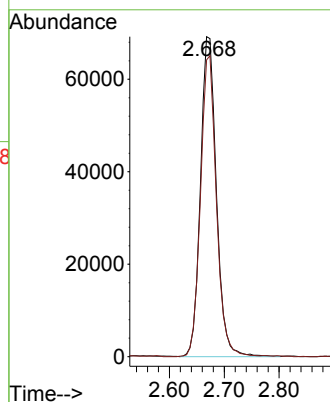
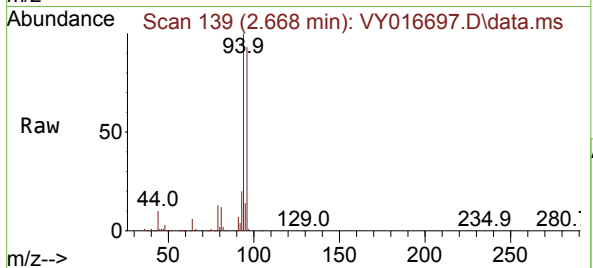




#5
Bromomethane
Concen: 43.027 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

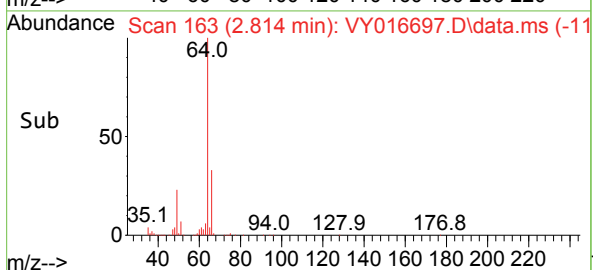
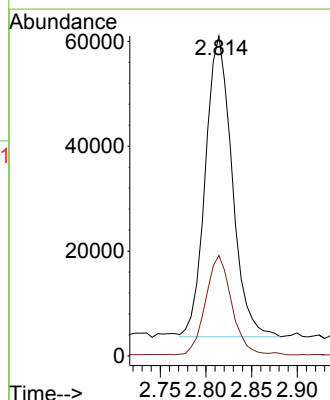
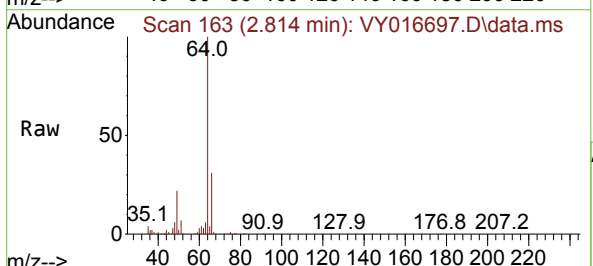
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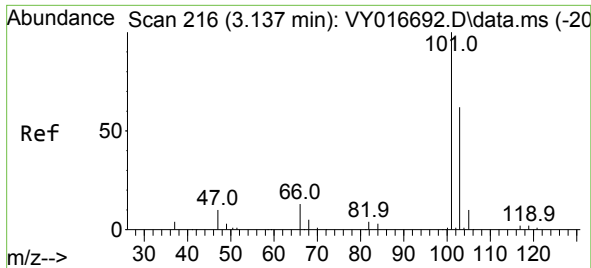
Tgt Ion: 94 Resp: 140145
Ion Ratio Lower Upper
94 100
96 92.6 74.0 111.0



#6
Chloroethane
Concen: 41.402 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 64 Resp: 116335
Ion Ratio Lower Upper
64 100
66 32.9 24.0 36.0

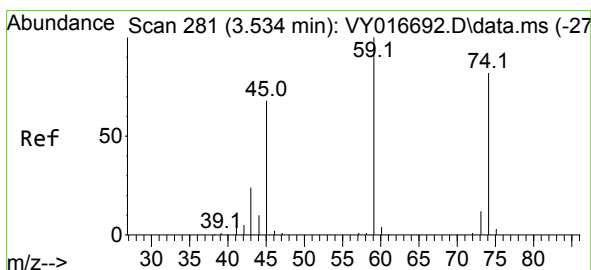
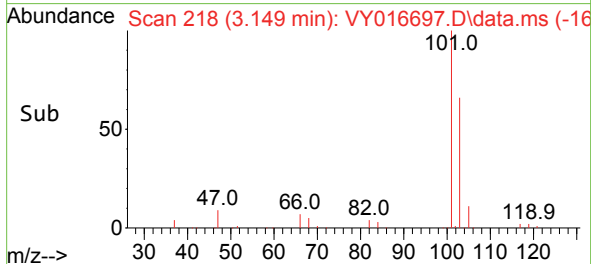
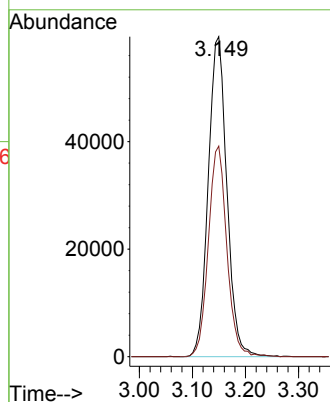
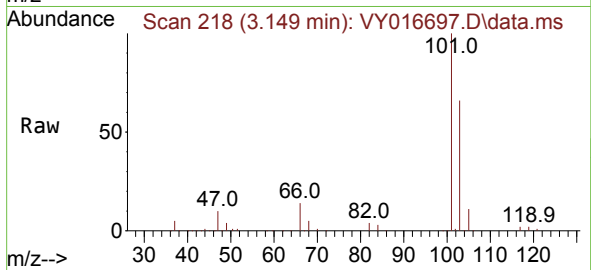




#7
 Trichlorofluoromethane
 Concen: 44.112 ug/l
 RT: 3.149 min Scan# 216
 Delta R.T. 0.012 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

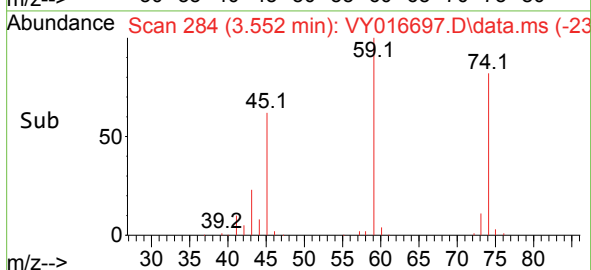
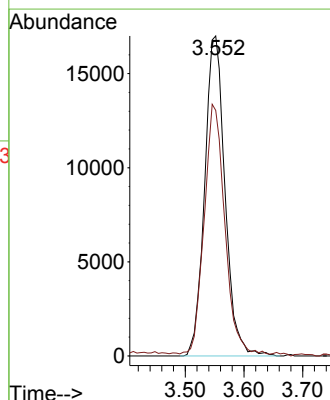
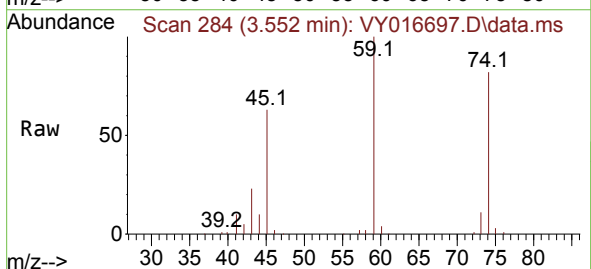
Instrument :
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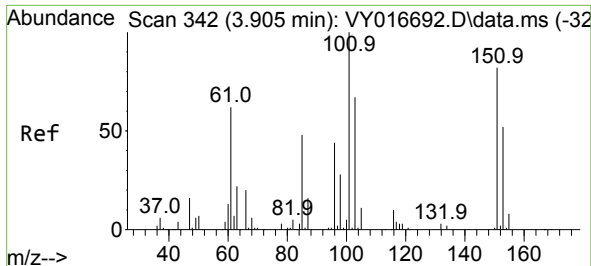
Tgt Ion:101 Resp: 145143
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.7 77.5



#8
 Diethyl Ether
 Concen: 46.484 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.018 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

Tgt Ion: 74 Resp: 40942
 Ion Ratio Lower Upper
 74 100
 45 78.9 44.3 132.9

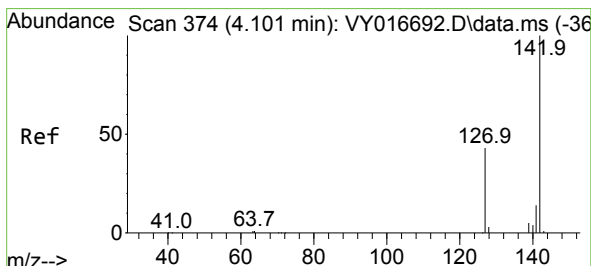
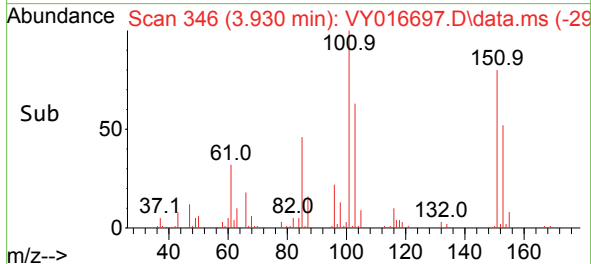
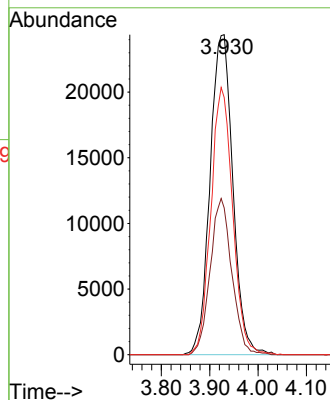
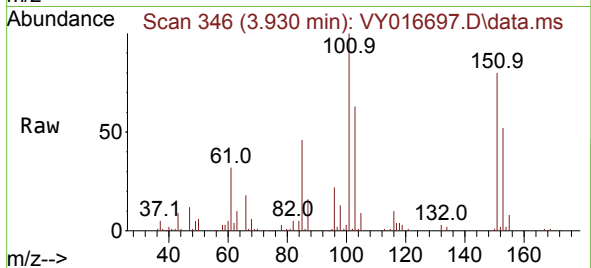




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.729 ug/l
RT: 3.930 min Scan# 34
Delta R.T. 0.024 min
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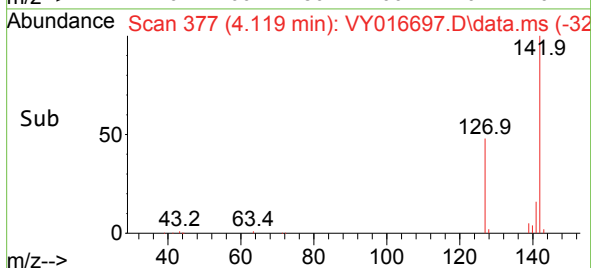
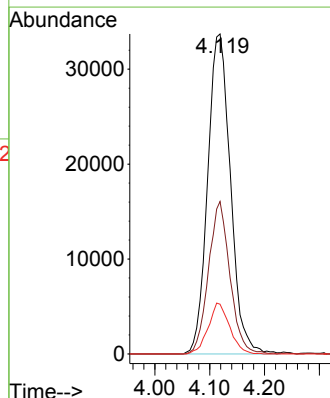
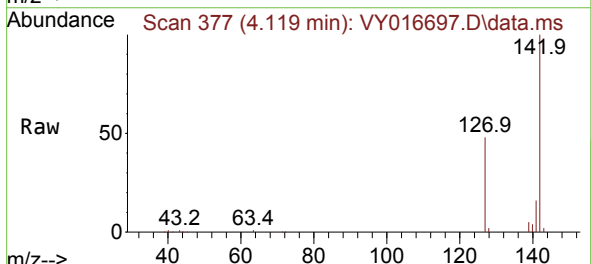
Instrument :
MSVOA_Y
ClientSampleId :

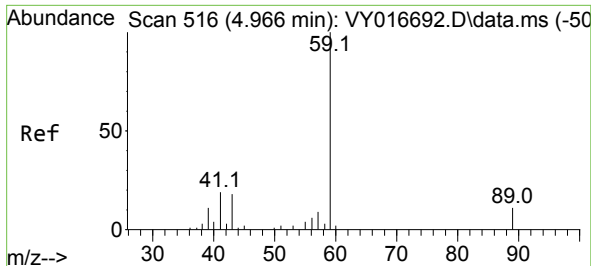
Tgt Ion:101 Resp: 79847
Ion Ratio Lower Upper
101 100
85 46.3 35.0 52.4
151 79.9 61.0 91.4



#10
Methyl Iodide
Concen: 48.021 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion:142 Resp: 97350
Ion Ratio Lower Upper
142 100
127 44.8 33.6 50.4
141 15.0 12.0 18.0





#11

Tert butyl alcohol

Concen: 251.500 ug/l

RT: 4.984 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

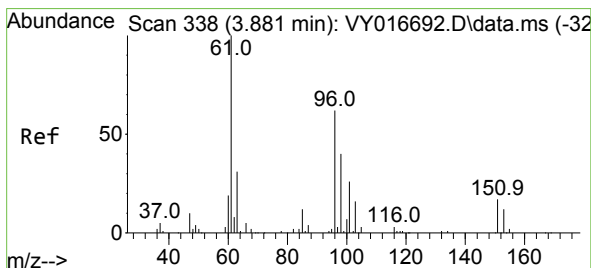
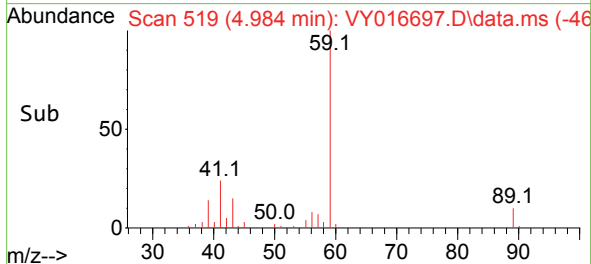
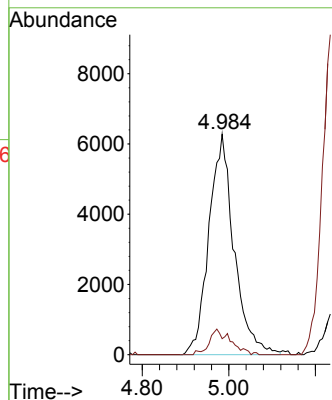
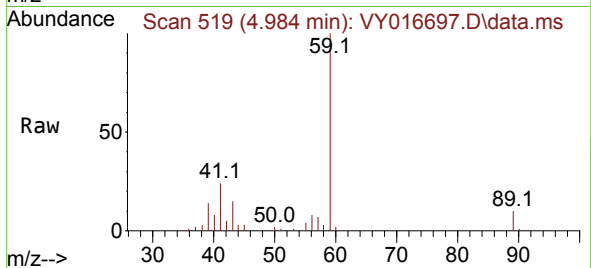
ClientSampleId :

Tgt Ion: 59 Resp: 25321

Ion Ratio Lower Upper

59 100

57 9.8 7.9 11.9



#12

1,1-Dichloroethene

Concen: 45.851 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

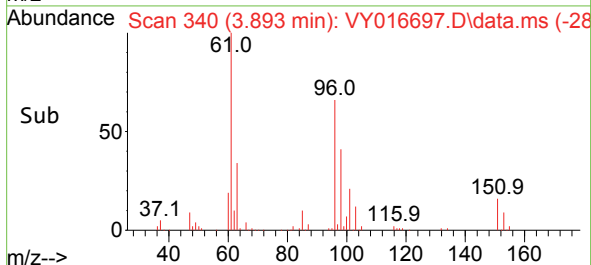
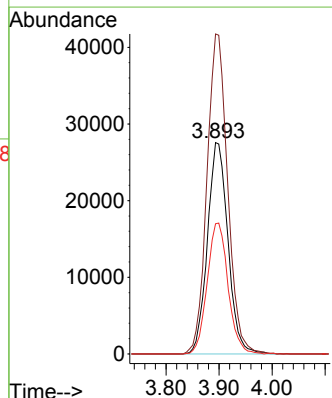
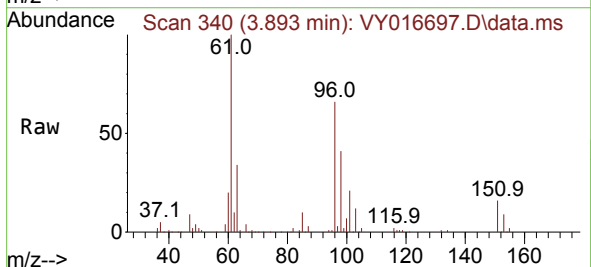
Tgt Ion: 96 Resp: 74236

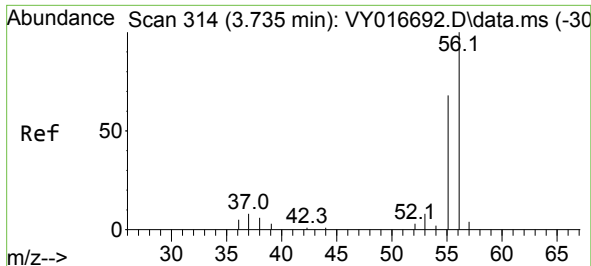
Ion Ratio Lower Upper

96 100

61 151.4 123.9 185.9

98 61.6 50.1 75.1





#13

Acrolein

Concen: 249.197 ug/l

RT: 3.753 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

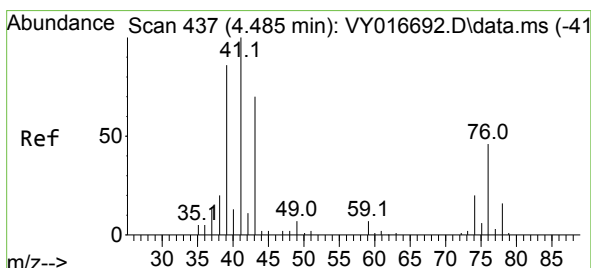
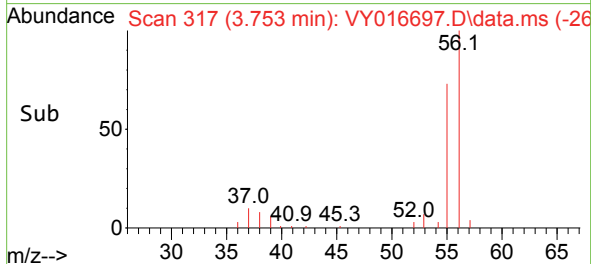
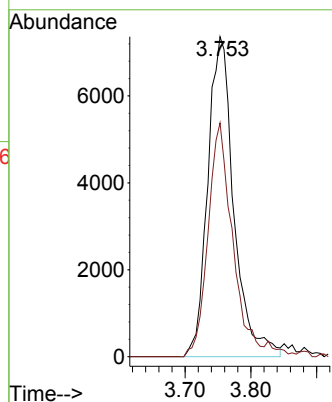
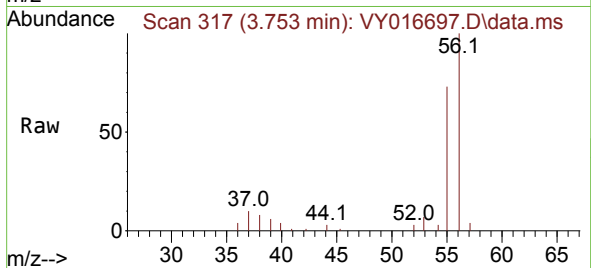
ClientSampleId :

Tgt Ion: 56 Resp: 20313

Ion Ratio Lower Upper

56 100

55 68.2 56.5 84.7



#14

Allyl chloride

Concen: 45.304 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.024 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

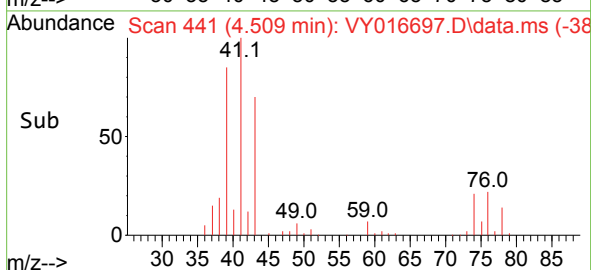
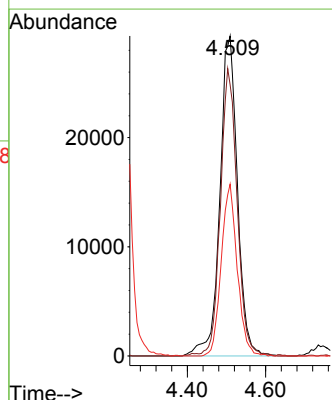
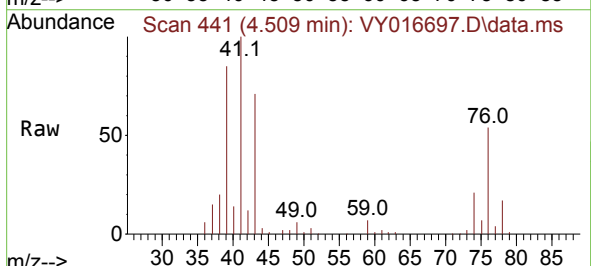
Tgt Ion: 41 Resp: 91589

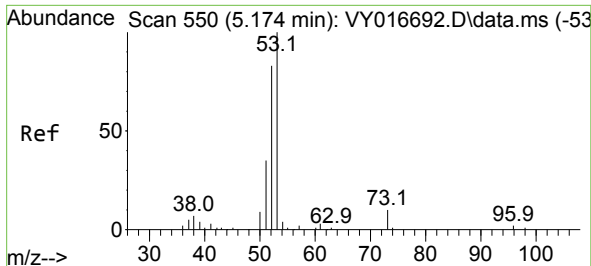
Ion Ratio Lower Upper

41 100

39 85.4 56.4 84.6#

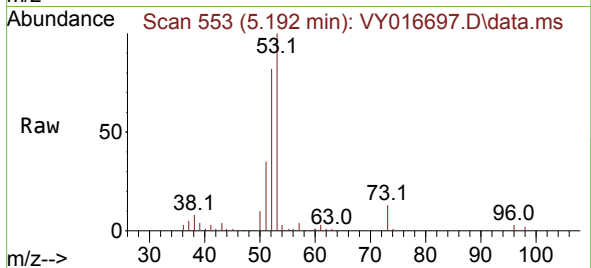
76 48.8 34.3 51.5



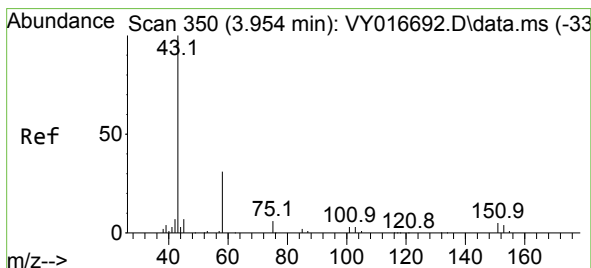
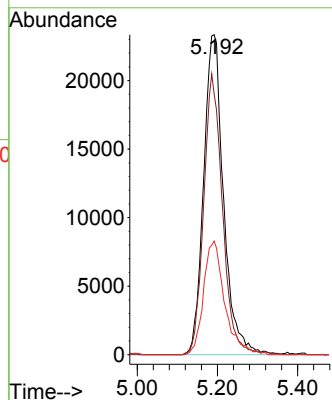
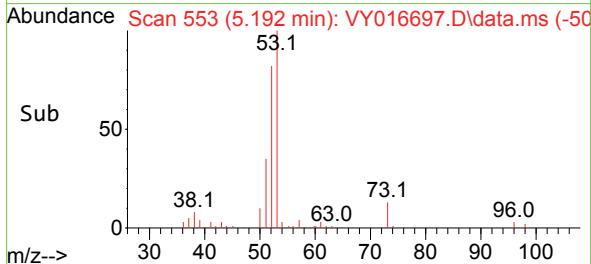


#15
Acrylonitrile
Concen: 228.851 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

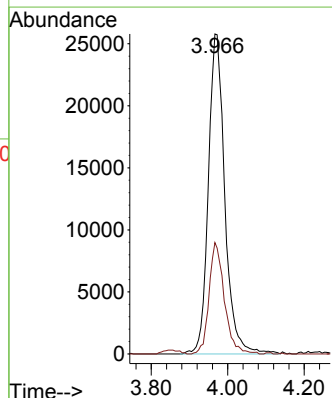
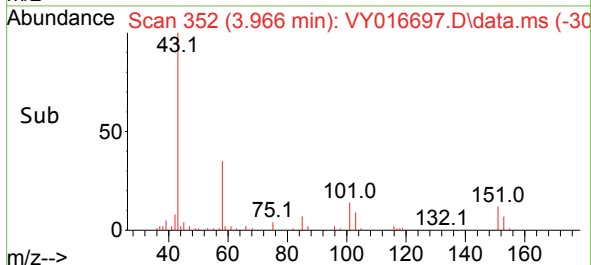
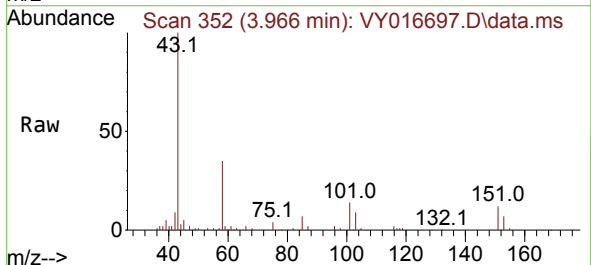


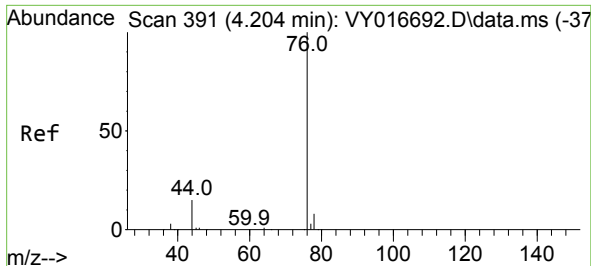
Tgt Ion: 53 Resp: 80697
Ion Ratio Lower Upper
53 100
52 82.3 64.3 96.5
51 37.7 28.3 42.5



#16
Acetone
Concen: 237.689 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 43 Resp: 77012
Ion Ratio Lower Upper
43 100
58 34.6 29.0 43.4

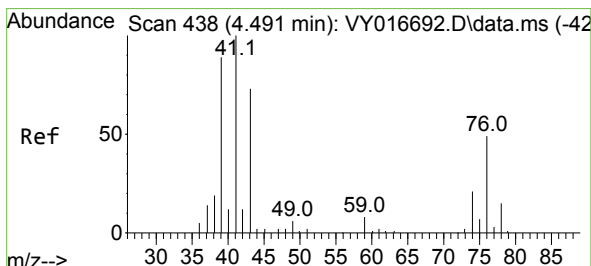
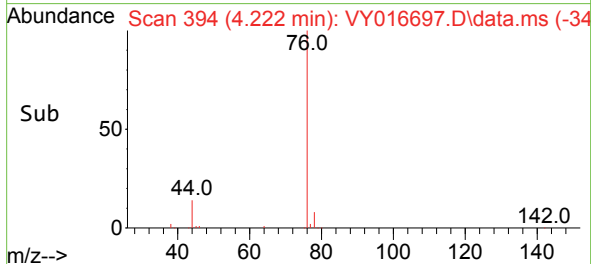
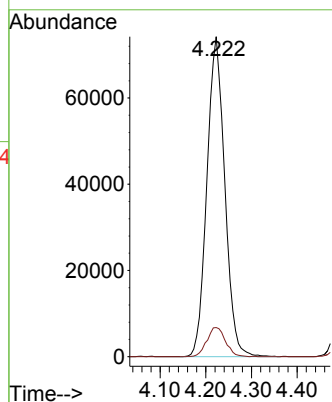
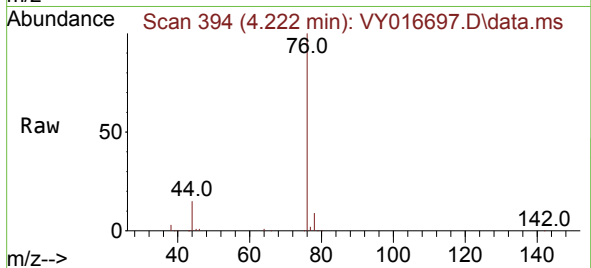




#17
Carbon Disulfide
Concen: 46.479 ug/l
RT: 4.222 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

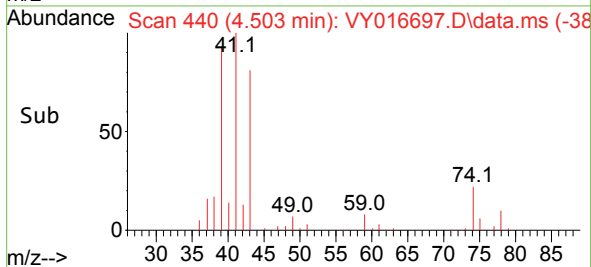
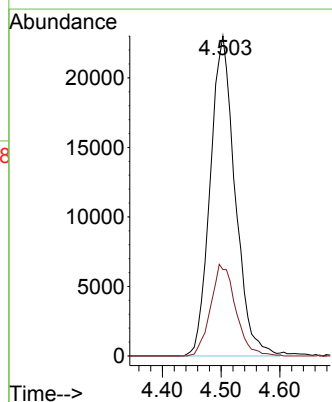
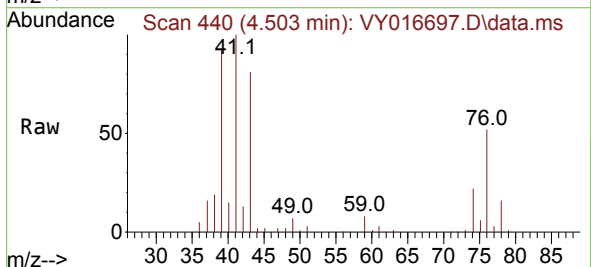
Instrument :
MSVOA_Y
ClientSampleId :

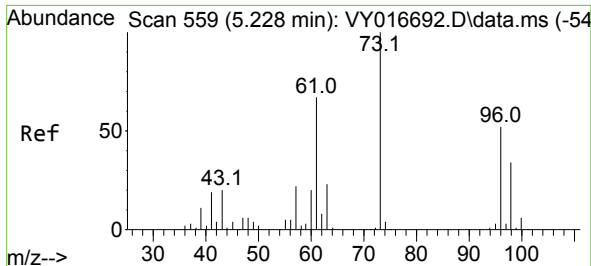
Tgt Ion: 76 Resp: 201400
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 48.633 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

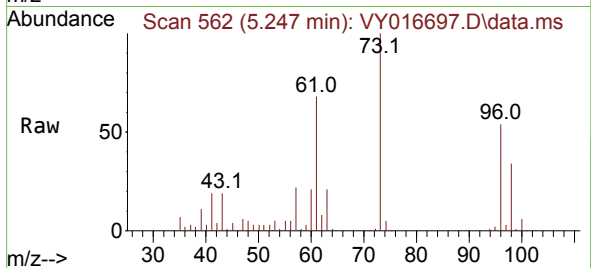
Tgt Ion: 43 Resp: 67748
Ion Ratio Lower Upper
43 100
74 28.8 22.1 33.1



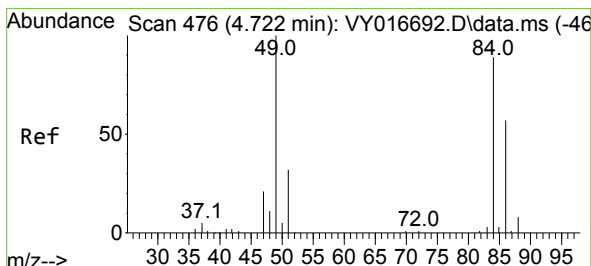
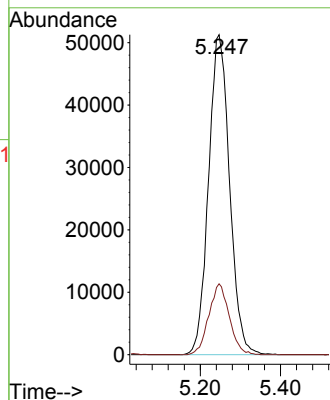
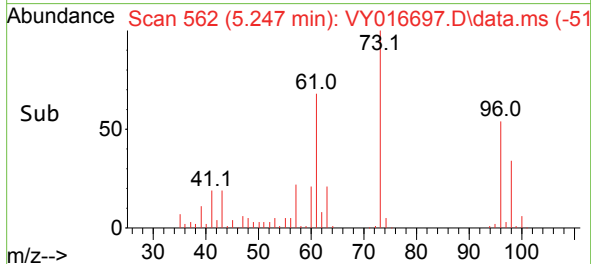


#19
Methyl tert-butyl Ether
Concen: 47.705 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

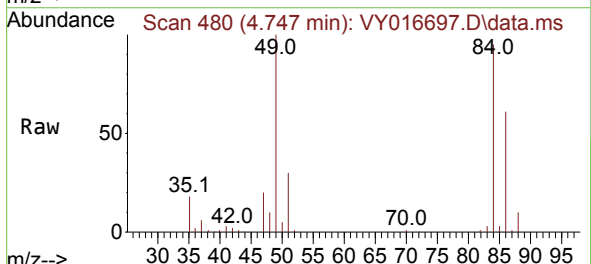
Instrument :
MSVOA_Y
ClientSampleId :



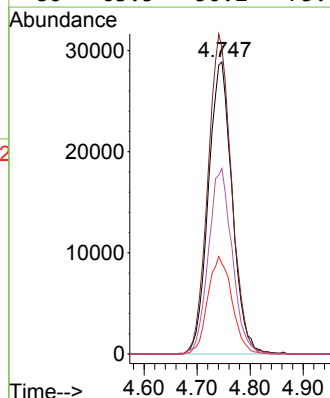
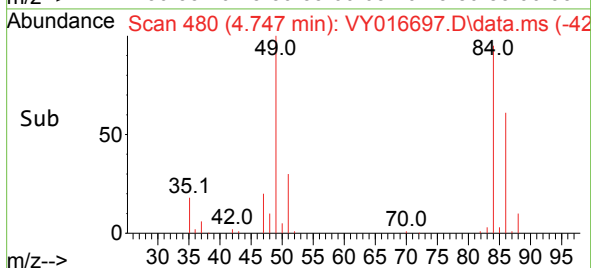
Tgt Ion: 73 Resp: 186581
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9

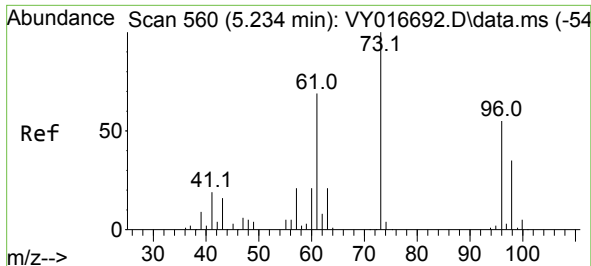


#20
Methylene Chloride
Concen: 51.444 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.025 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



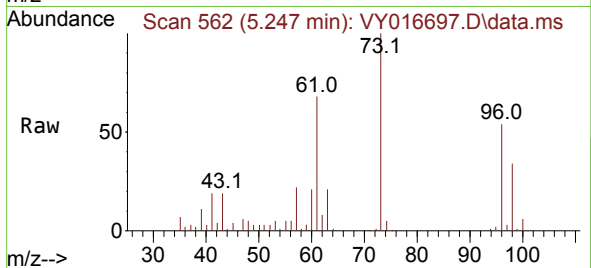
Tgt Ion: 84 Resp: 89929
Ion Ratio Lower Upper
84 100
49 104.5 83.8 125.8
51 31.0 27.2 40.8
86 63.5 50.2 75.4



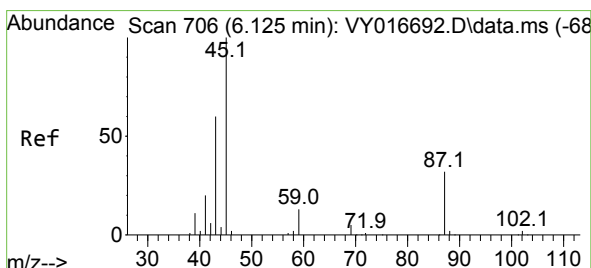
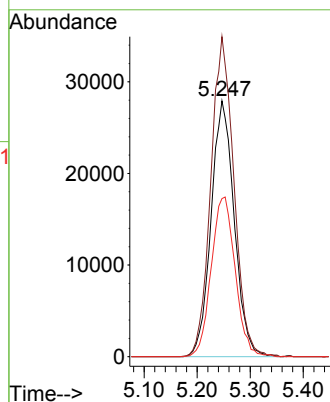
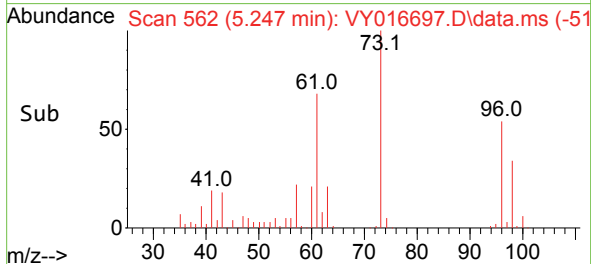


#21
trans-1,2-Dichloroethene
Concen: 46.207 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

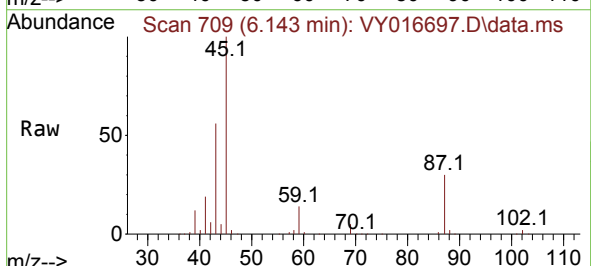
Instrument :
MSVOA_Y
ClientSampleId :



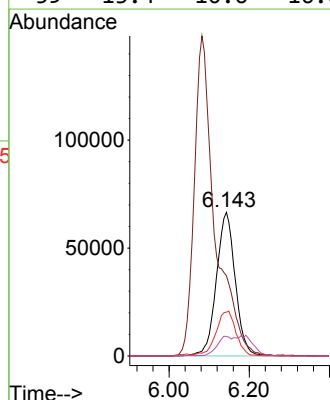
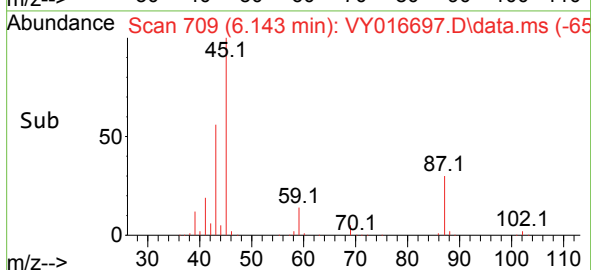
Tgt Ion: 96 Resp: 84610
Ion Ratio Lower Upper
96 100
61 125.1 100.0 150.0
98 61.8 52.2 78.2

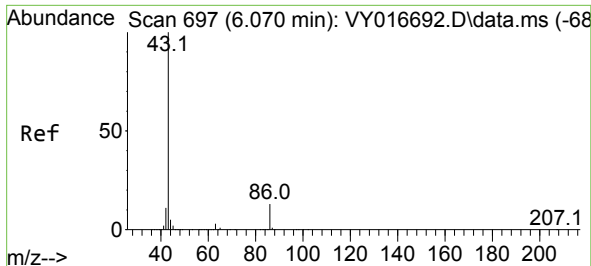


#22
Diisopropyl ether
Concen: 47.036 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



Tgt Ion: 45 Resp: 217646
Ion Ratio Lower Upper
45 100
43 55.2 42.4 63.6
87 30.5 25.0 37.4
59 13.4 10.6 16.0

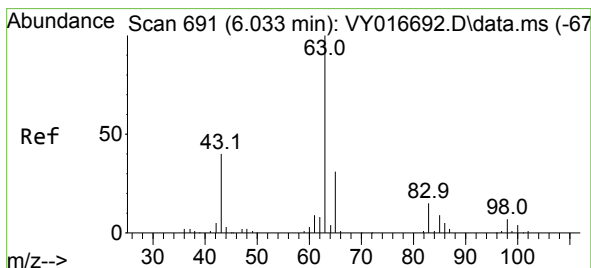
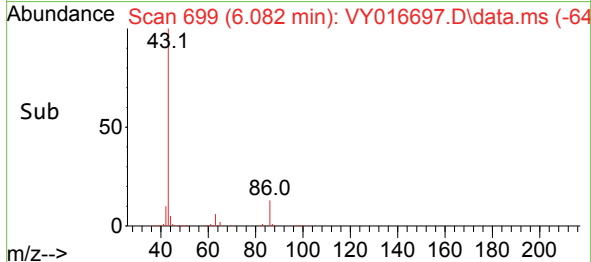
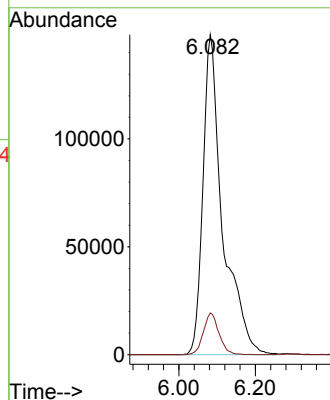
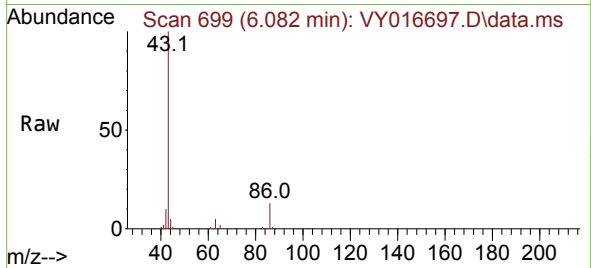




#23
 Vinyl Acetate
 Concen: 234.554 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

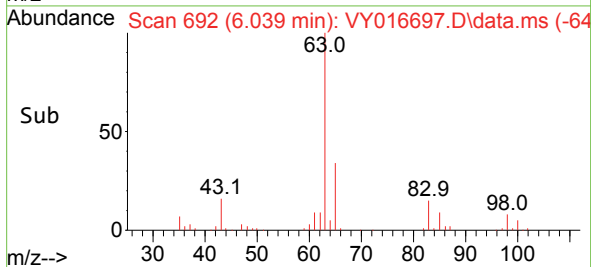
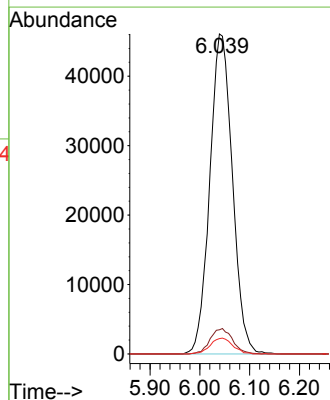
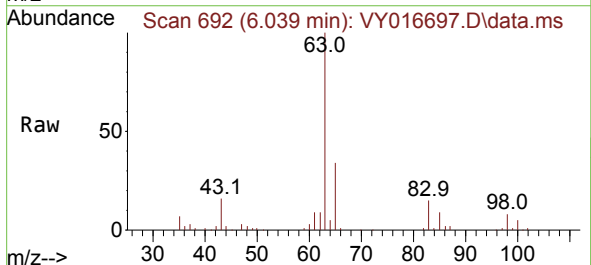
Instrument :
 MSVOA_Y
 ClientSampleId :

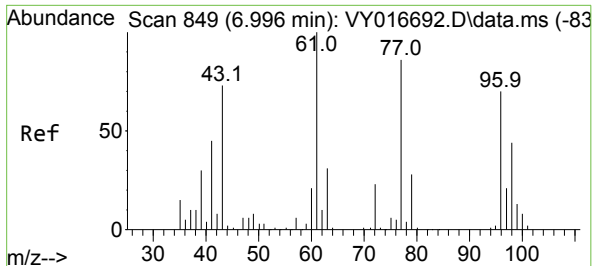
Tgt Ion: 43 Resp: 530714
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 45.547 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

Tgt Ion: 63 Resp: 145137
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 241.342 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

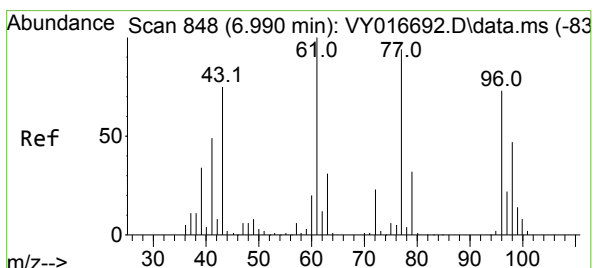
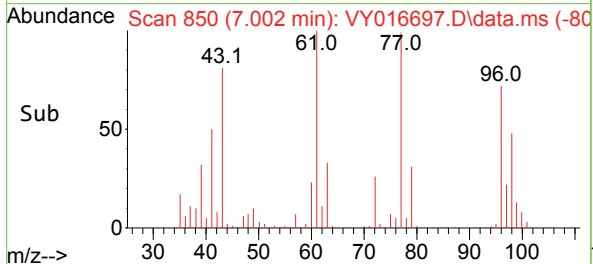
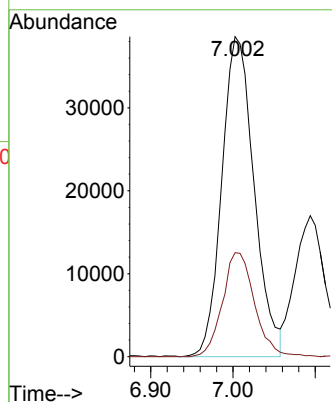
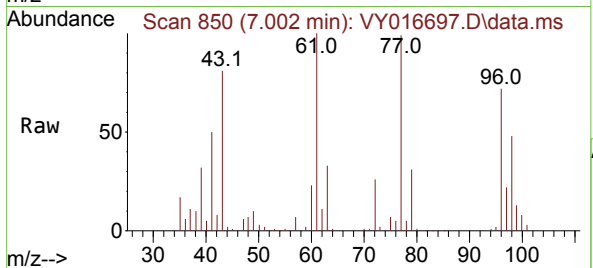
ClientSampleId :

Tgt Ion: 43 Resp: 105271

Ion Ratio Lower Upper

43 100

72 32.5 26.3 39.5



#26

2,2-Dichloropropane

Concen: 47.016 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY016697.D

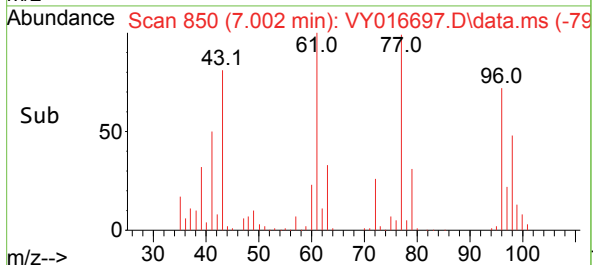
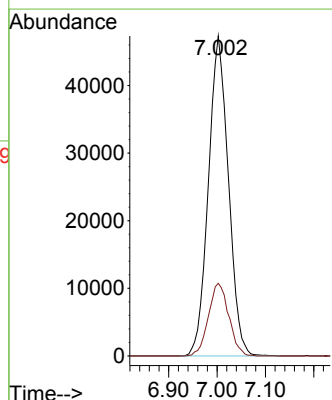
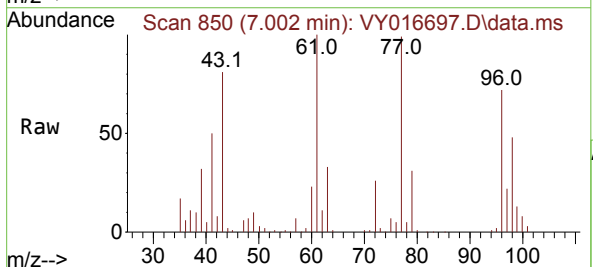
Acq: 19 Dec 2023 15:24

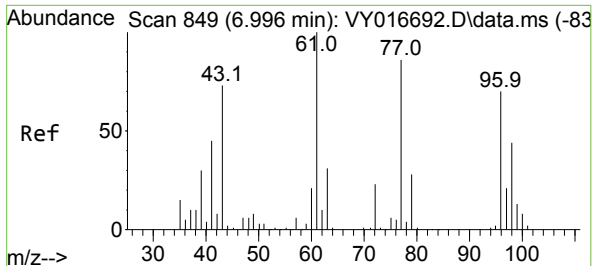
Tgt Ion: 77 Resp: 136058

Ion Ratio Lower Upper

77 100

97 23.1 12.4 37.2

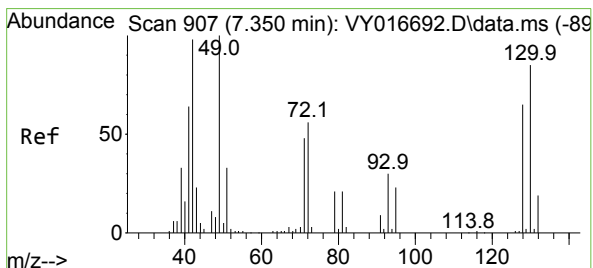
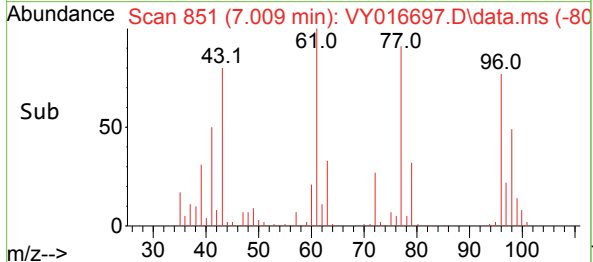
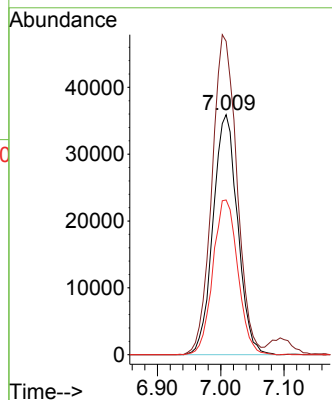
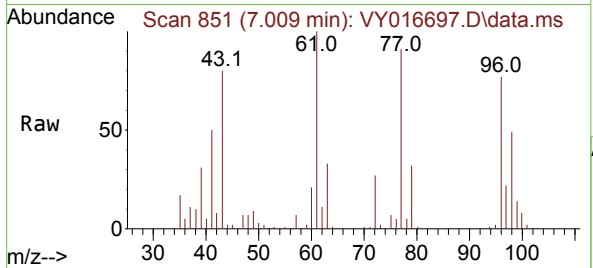




#27
 cis-1,2-Dichloroethene
 Concen: 46.721 ug/l
 RT: 7.009 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

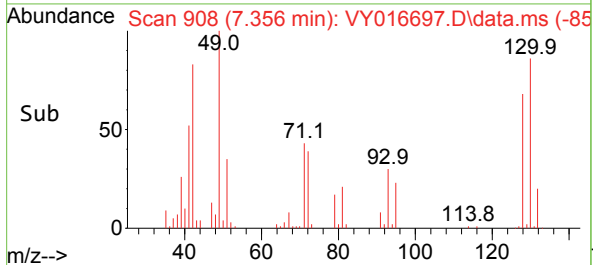
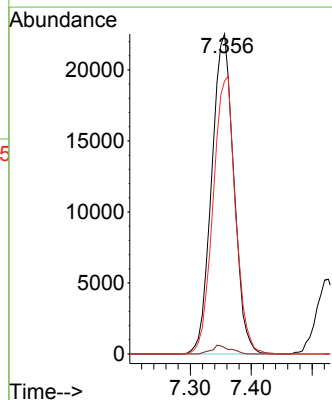
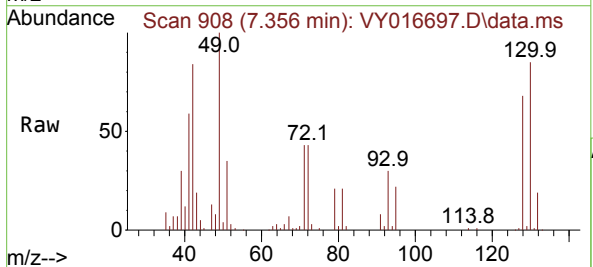
Instrument :
 MSVOA_Y
 ClientSampleId :

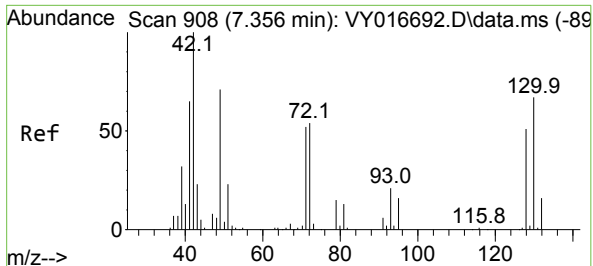
Tgt Ion: 96 Resp: 96695
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 255.8
 98 65.5 0.0 129.2



#28
 Bromochloromethane
 Concen: 49.122 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

Tgt Ion: 49 Resp: 56840
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 87.6 75.9 113.9





#29

Tetrahydrofuran

Concen: 241.318 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

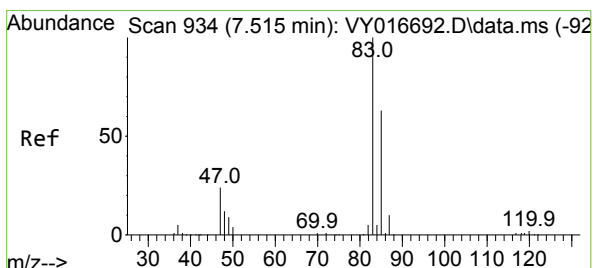
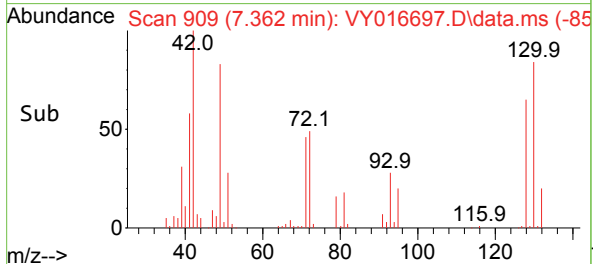
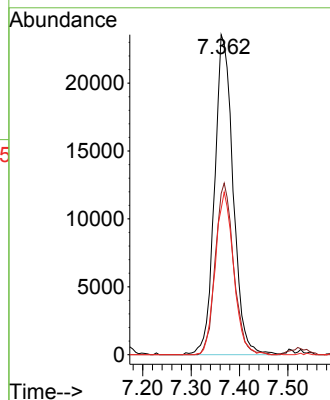
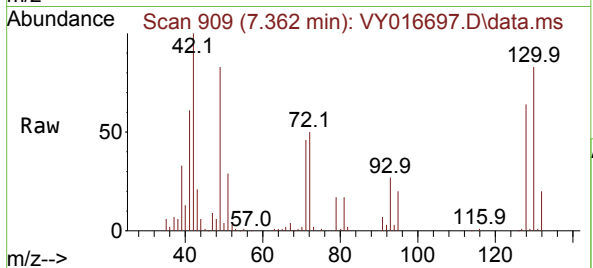
Tgt Ion: 42 Resp: 62813

Ion Ratio Lower Upper

42 100

72 52.9 40.3 60.5

71 50.2 38.9 58.3



#30

Chloroform

Concen: 45.715 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY016697.D

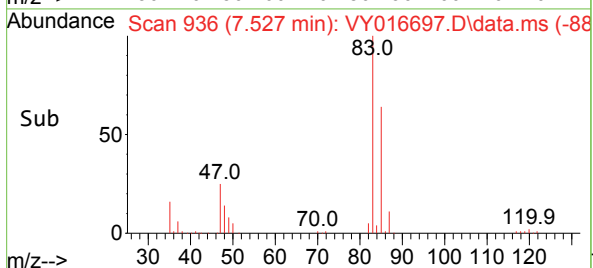
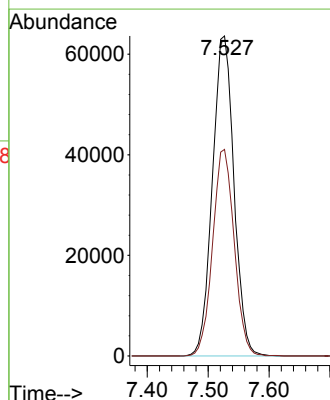
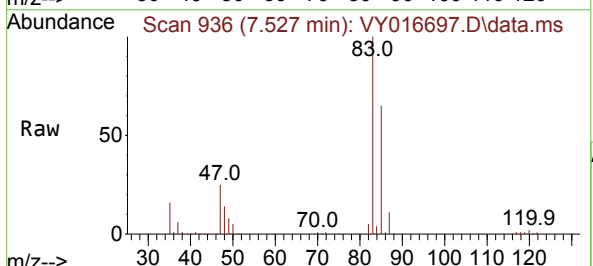
Acq: 19 Dec 2023 15:24

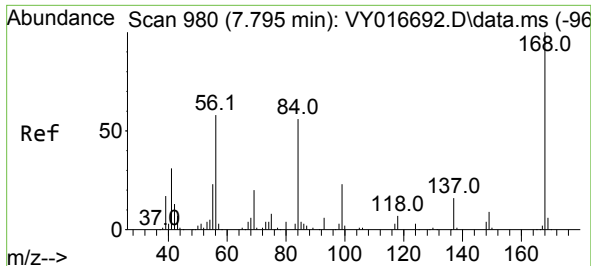
Tgt Ion: 83 Resp: 156292

Ion Ratio Lower Upper

83 100

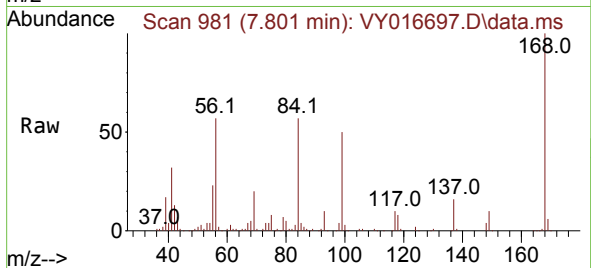
85 64.5 52.6 78.8



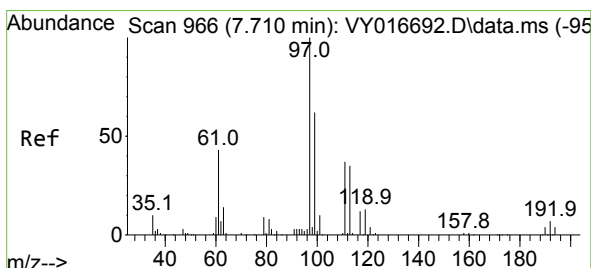
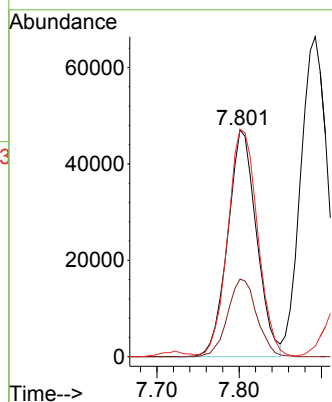
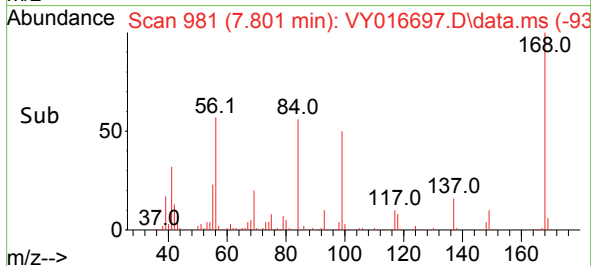


#31
Cyclohexane
Concen: 43.626 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

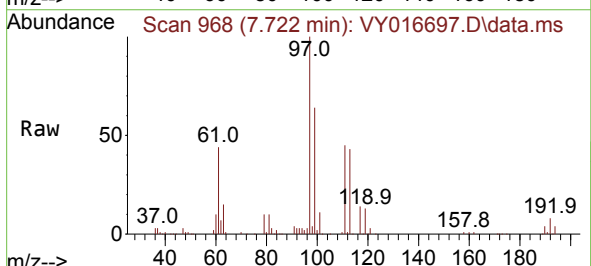
Instrument :
MSVOA_Y
ClientSampleId :



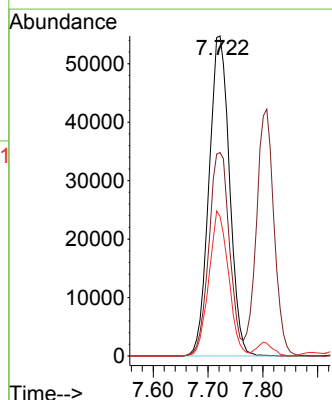
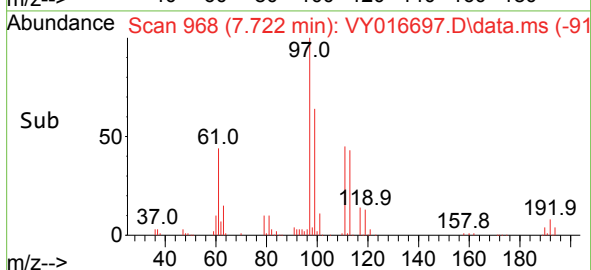
Tgt Ion: 56 Resp: 114800
Ion Ratio Lower Upper
56 100
69 34.2 27.5 41.3
84 98.4 78.1 117.1

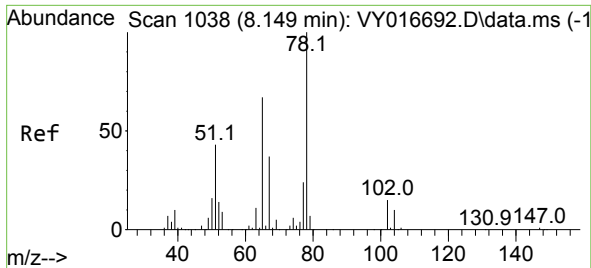


#32
1,1,1-Trichloroethane
Concen: 46.818 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



Tgt Ion: 97 Resp: 142125
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 43.5 31.6 47.4

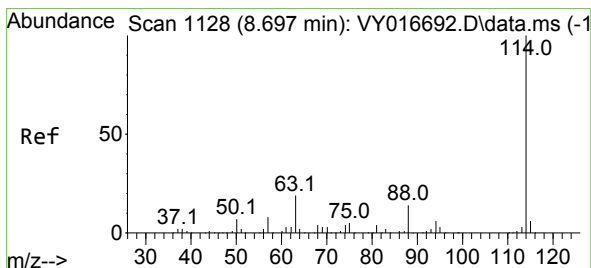
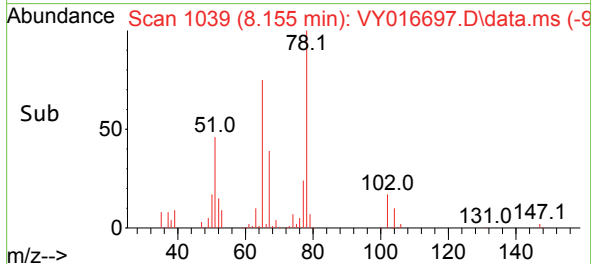
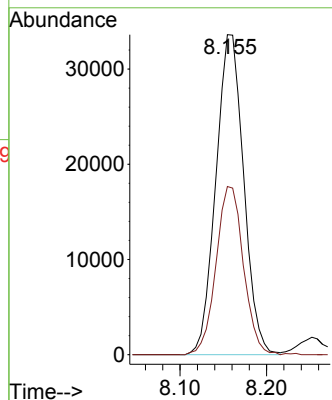
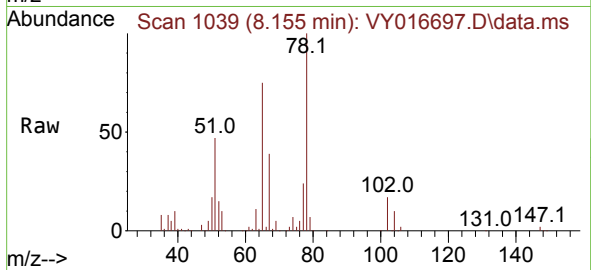




#33
 1,2-Dichloroethane-d4
 Concen: 46.684 ug/l
 RT: 8.155 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

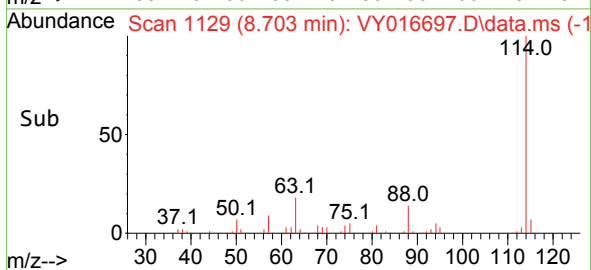
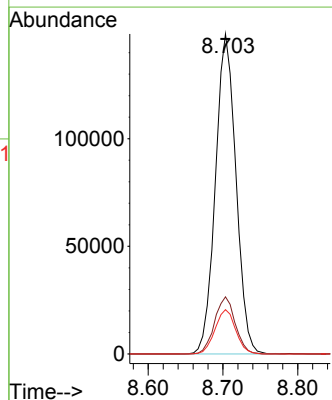
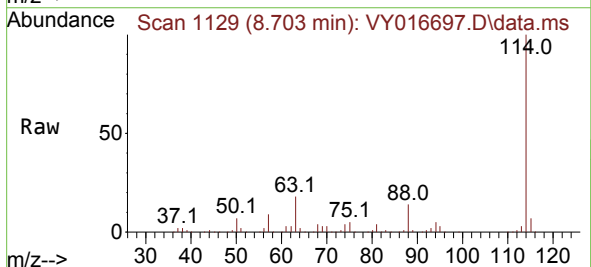
Instrument :
 MSVOA_Y
 ClientSampleId :

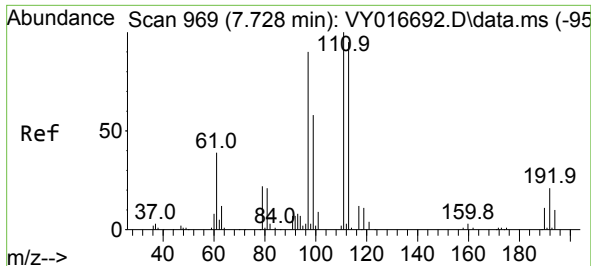
Tgt Ion: 65 Resp: 75055
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

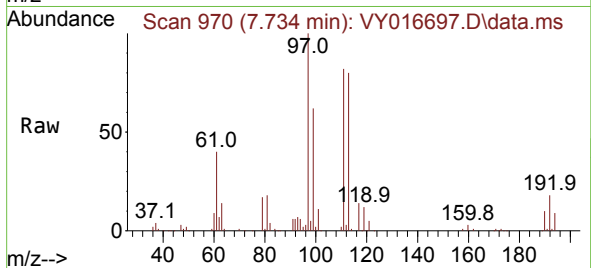
Tgt Ion:114 Resp: 284450
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.0
 88 13.9 0.0 29.2



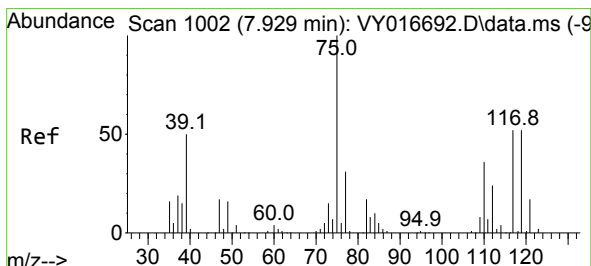
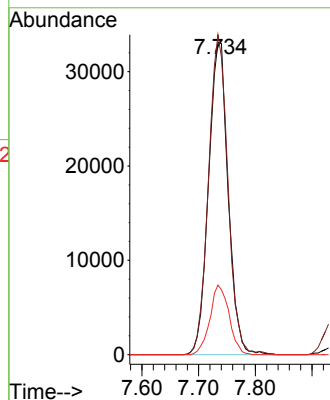
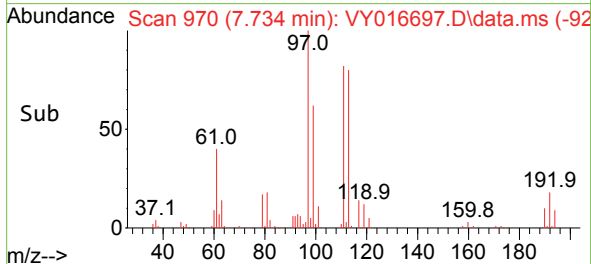


#35
Dibromofluoromethane
Concen: 47.449 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

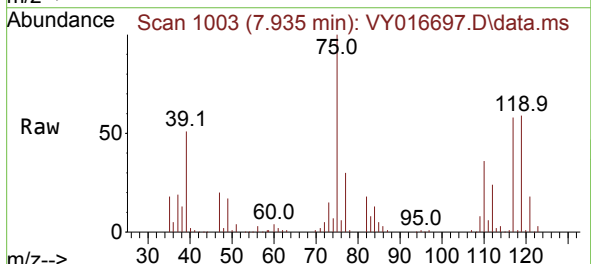
Instrument :
MSVOA_Y
ClientSampleId :



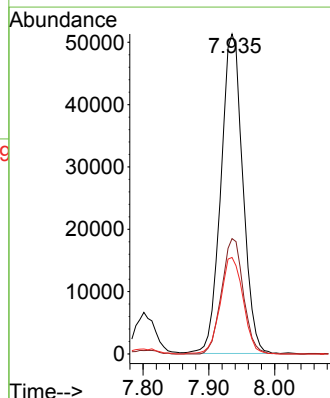
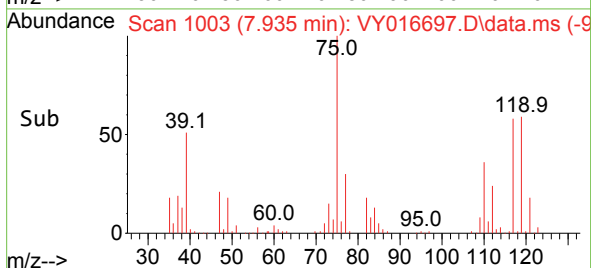
Tgt Ion:113 Resp: 79492
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 21.8 16.2 24.4

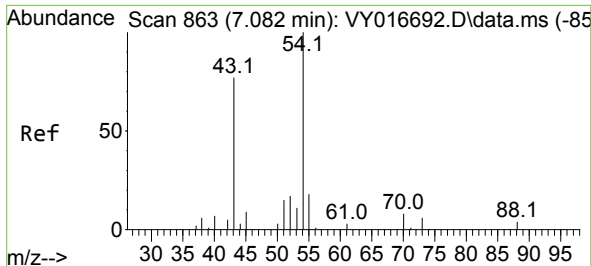


#36
1,1-Dichloropropene
Concen: 46.860 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



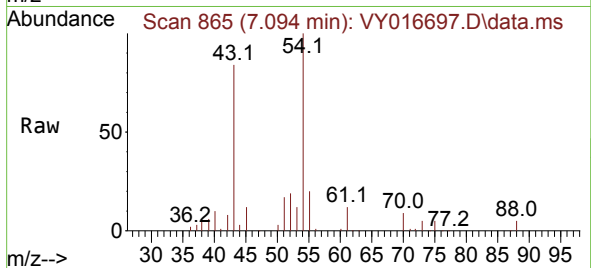
Tgt Ion: 75 Resp: 118750
Ion Ratio Lower Upper
75 100
110 35.9 18.9 56.9
77 31.5 25.3 37.9



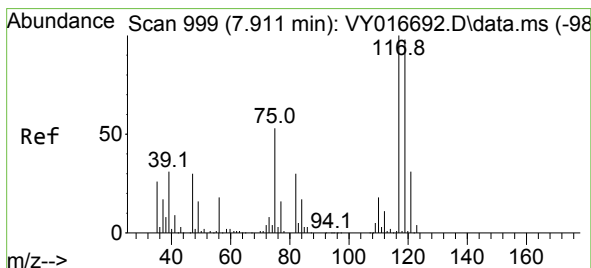
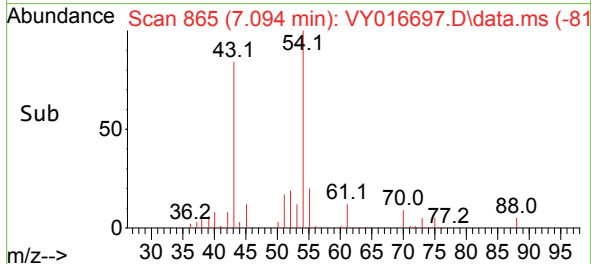
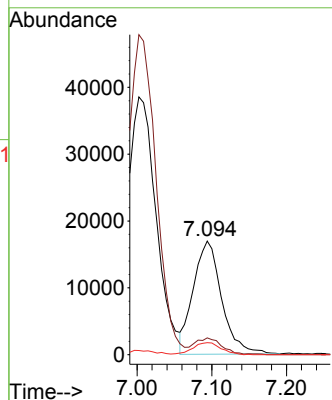


#37
Ethyl Acetate
Concen: 45.893 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

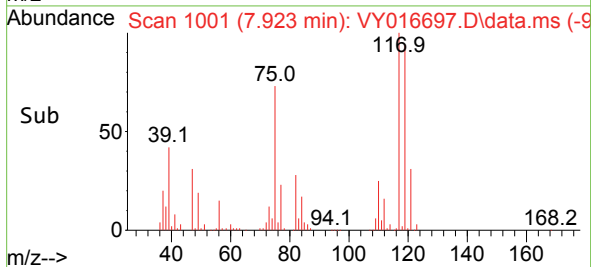
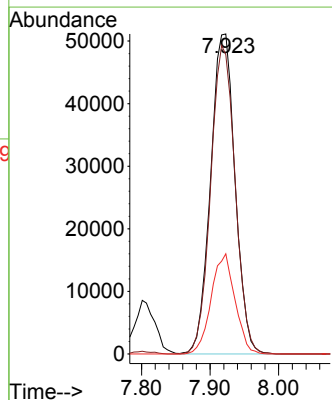
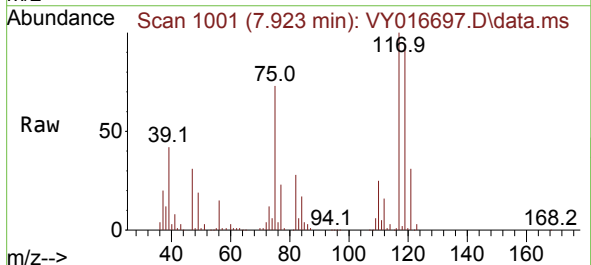


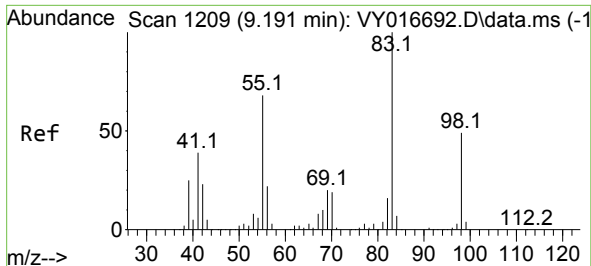
Tgt Ion: 43	Resp: 44543
Ion Ratio	Lower Upper
43	100
61	14.8 13.0 19.4
70	10.6 9.9 14.9



#38
Carbon Tetrachloride
Concen: 46.387 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 117	Resp: 126837
Ion Ratio	Lower Upper
117	100
119	93.6 75.0 112.4
121	31.3 24.2 36.4





#39

Methylcyclohexane

Concen: 46.685 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

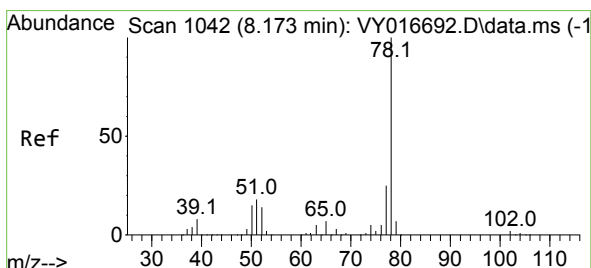
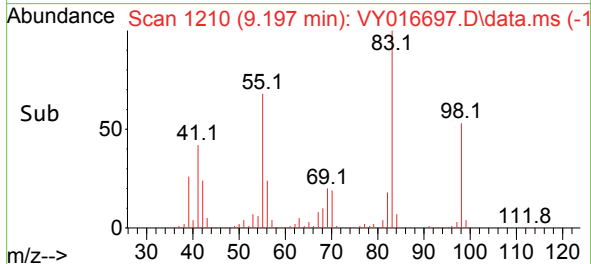
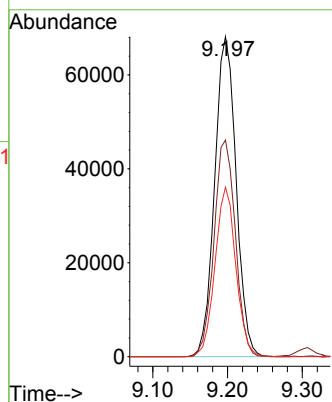
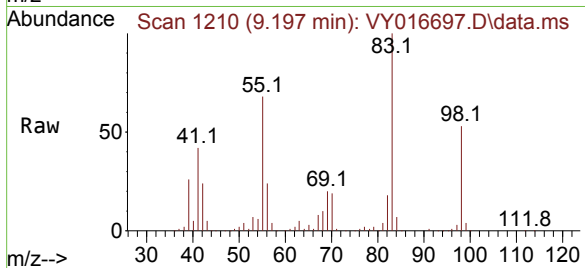
Tgt Ion: 83 Resp: 136212

Ion Ratio Lower Upper

83 100

55 67.7 54.6 81.8

98 53.0 40.1 60.1



#40

Benzene

Concen: 46.480 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016697.D

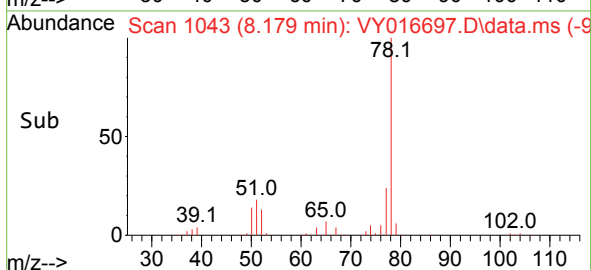
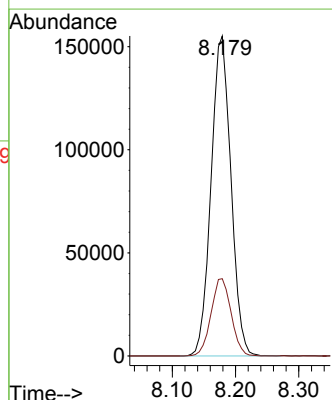
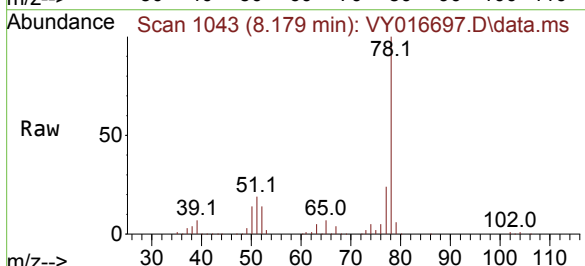
Acq: 19 Dec 2023 15:24

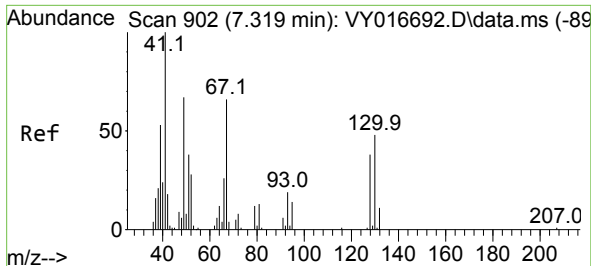
Tgt Ion: 78 Resp: 338416

Ion Ratio Lower Upper

78 100

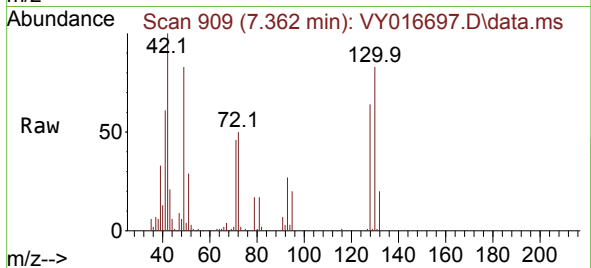
77 24.2 19.0 28.4



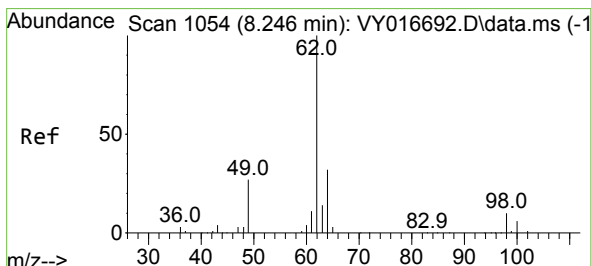
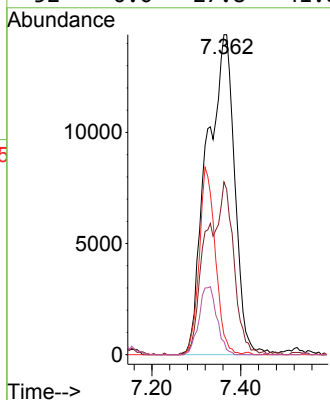
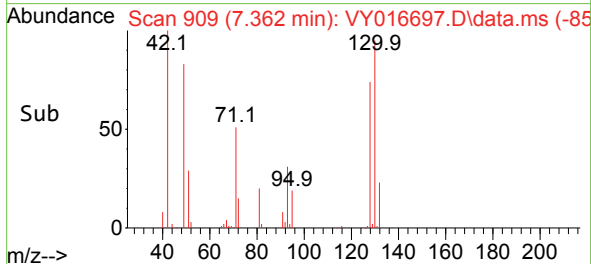


#41
Methacrylonitrile
Concen: 121.357 ug/l
RT: 7.362 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

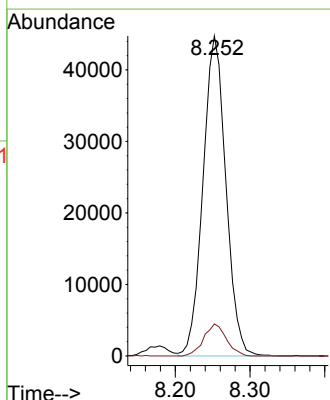
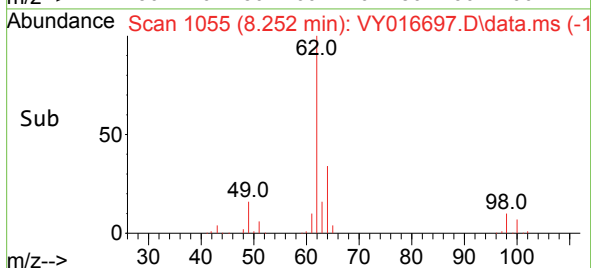
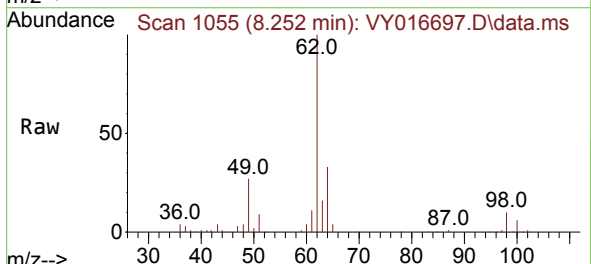


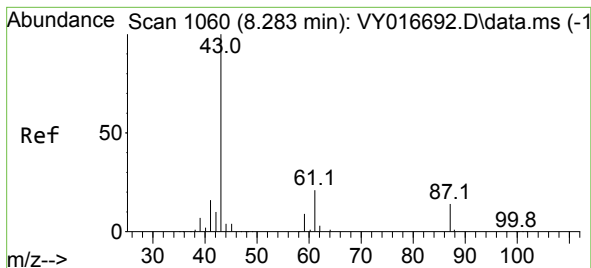
Tgt Ion: 41 Resp: 62557
Ion Ratio Lower Upper
41 100
39 29.4 47.8 71.6#
67 0.0 74.9 112.3#
52 0.0 27.8 41.8#



#42
1,2-Dichloroethane
Concen: 46.213 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 62 Resp: 95212
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.4





#43

Isopropyl Acetate

Concen: 47.510 ug/l

RT: 8.283 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

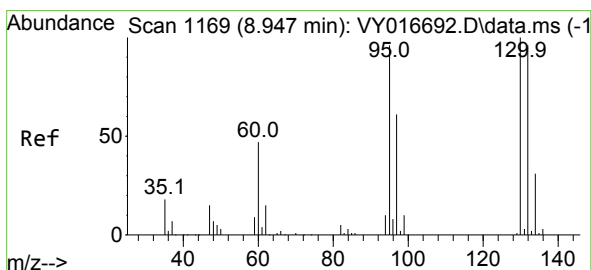
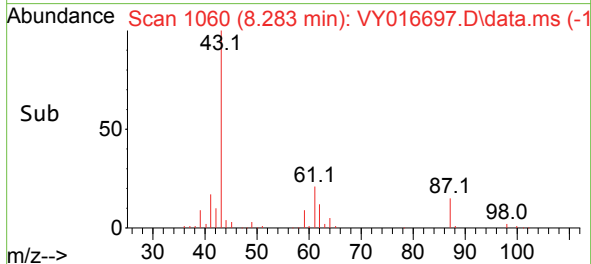
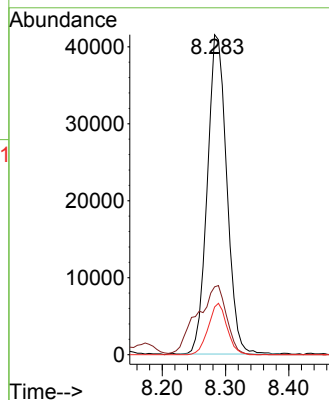
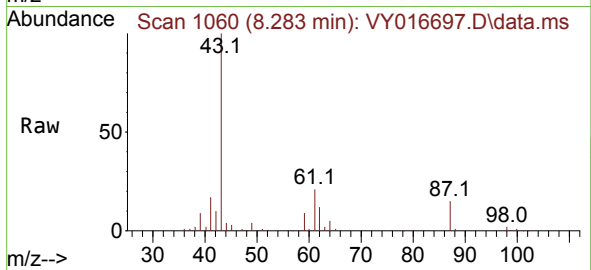
Tgt Ion: 43 Resp: 88567

Ion Ratio Lower Upper

43 100

61 32.8 27.4 41.0

87 15.4 13.2 19.8



#44

Trichloroethene

Concen: 46.963 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VY016697.D

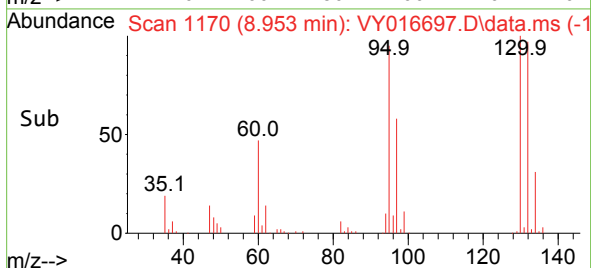
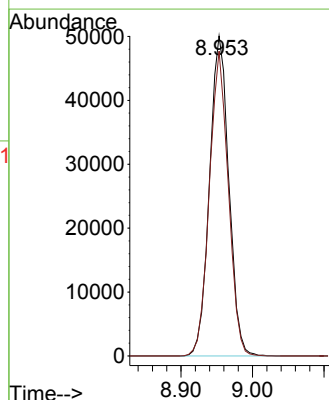
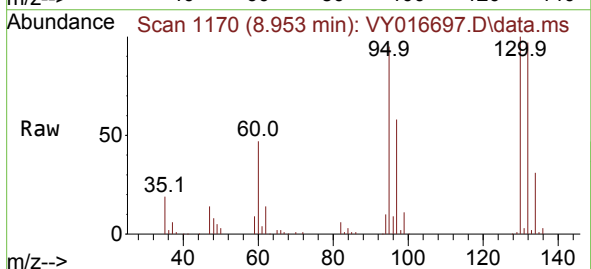
Acq: 19 Dec 2023 15:24

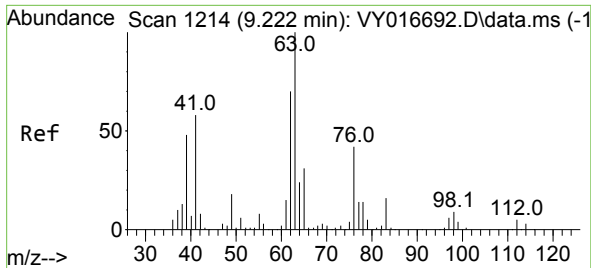
Tgt Ion:130 Resp: 94098

Ion Ratio Lower Upper

130 100

95 95.3 0.0 189.2

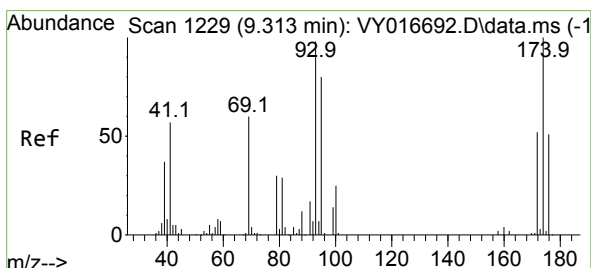
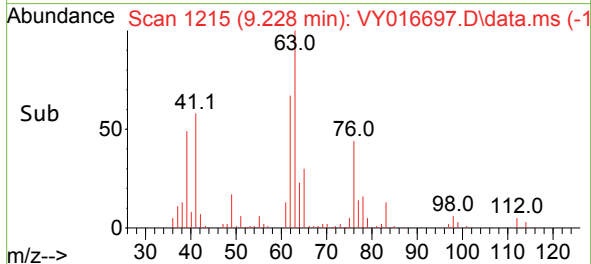
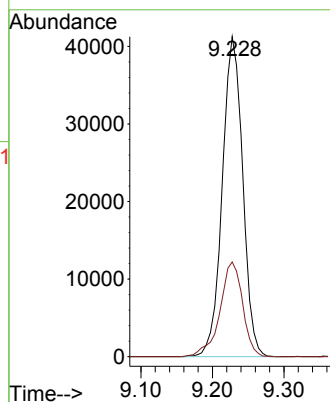
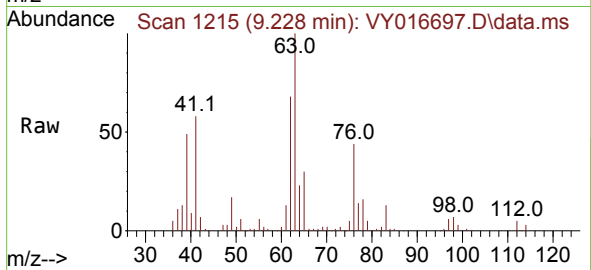




#45
1,2-Dichloropropane
Concen: 47.008 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

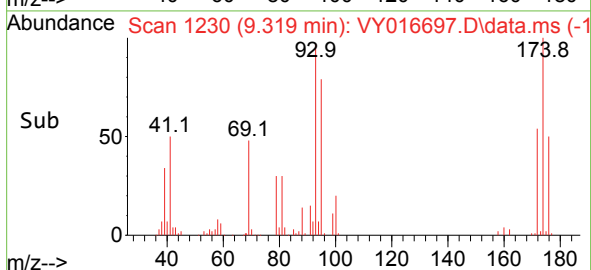
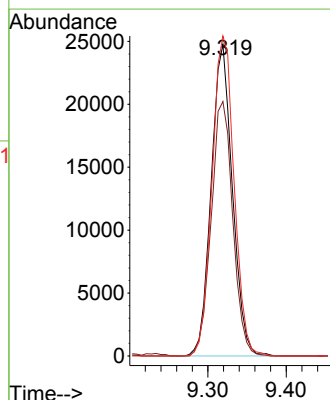
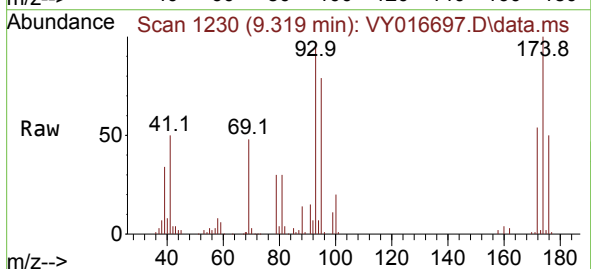
Instrument :
MSVOA_Y
ClientSampleId :

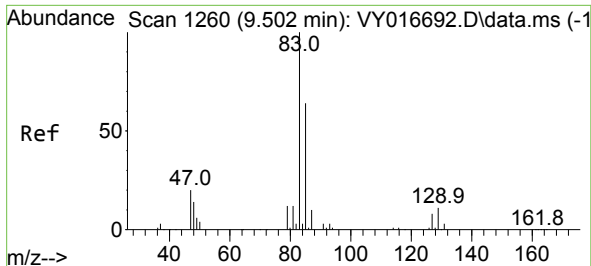
Tgt Ion: 63 Resp: 81807
Ion Ratio Lower Upper
63 100
65 29.6 24.0 36.0



#46
Dibromomethane
Concen: 47.329 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 93 Resp: 46512
Ion Ratio Lower Upper
93 100
95 83.2 66.9 100.3
174 106.8 85.2 127.8

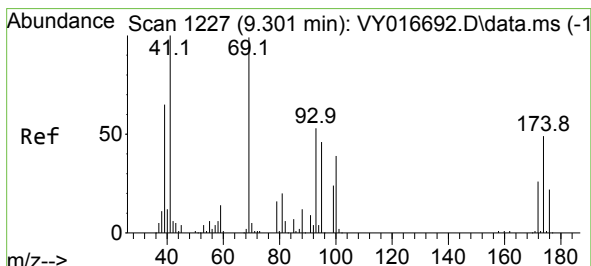
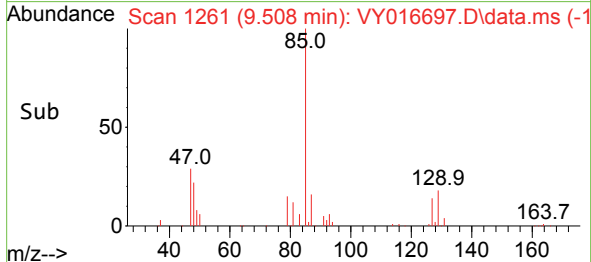
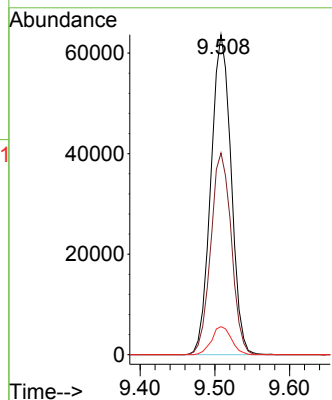
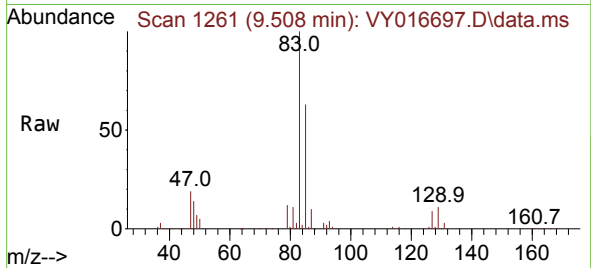




#47
Bromodichloromethane
Concen: 46.550 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

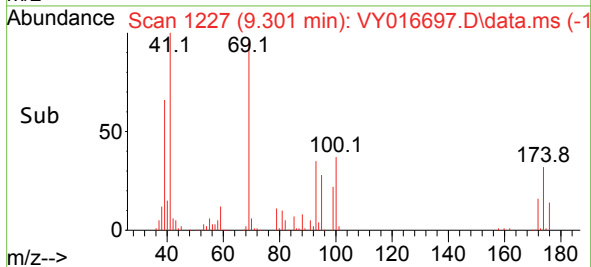
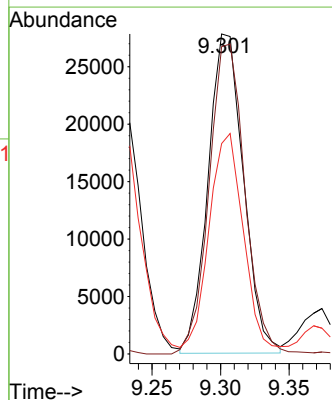
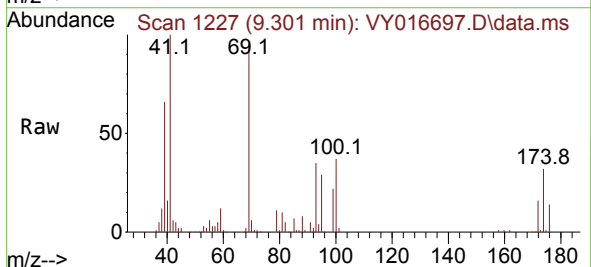
Instrument :
MSVOA_Y
ClientSampleId :

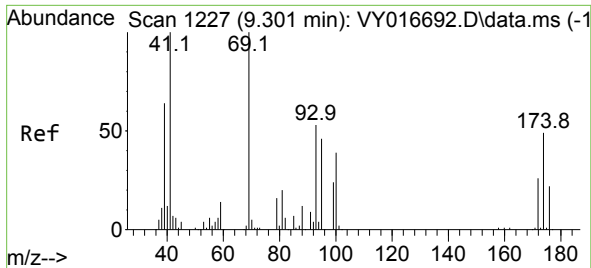
Tgt Ion: 83 Resp: 119445
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.0
127 8.8 7.3 10.9



#48
Methyl methacrylate
Concen: 49.430 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 41 Resp: 49995
Ion Ratio Lower Upper
41 100
69 98.3 85.5 128.3
39 63.5 40.9 61.3





#49

1,4-Dioxane

Concen: 1104.538 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

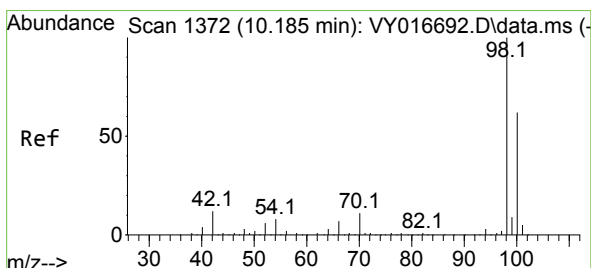
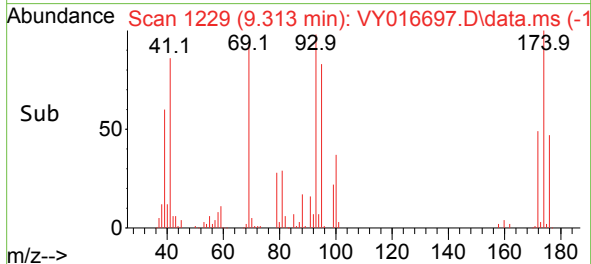
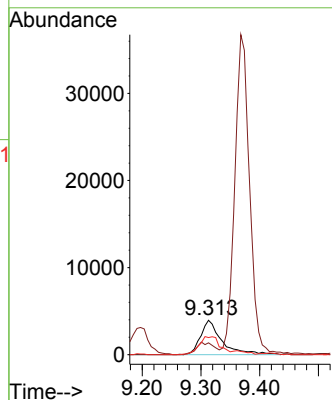
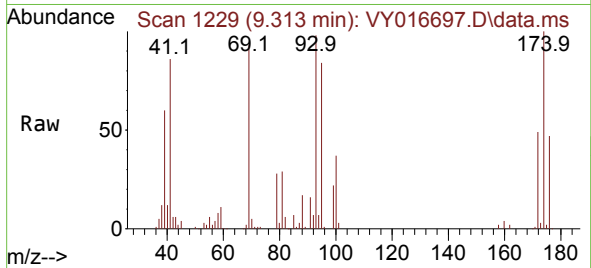
Tgt Ion: 88 Resp: 9994

Ion Ratio Lower Upper

88 100

43 29.9 0.0 0.0#

58 52.4 54.0 81.0#



#50

Toluene-d8

Concen: 48.454 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY016697.D

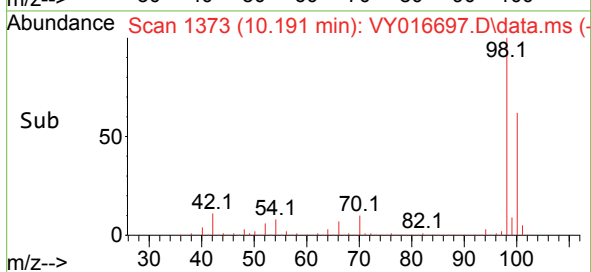
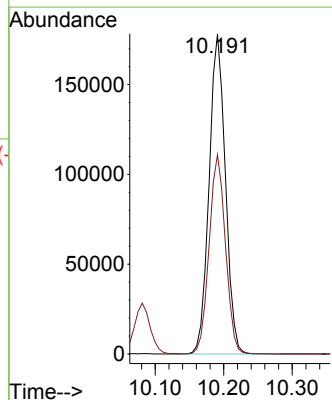
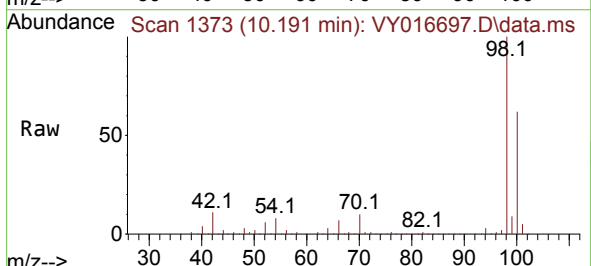
Acq: 19 Dec 2023 15:24

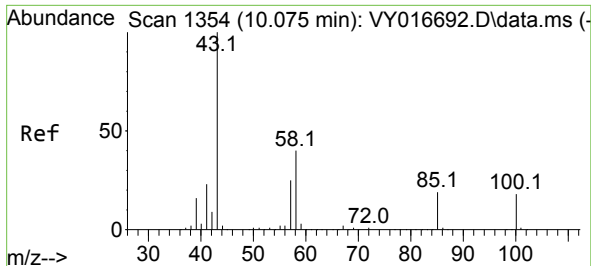
Tgt Ion: 98 Resp: 293982

Ion Ratio Lower Upper

98 100

100 62.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 248.748 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

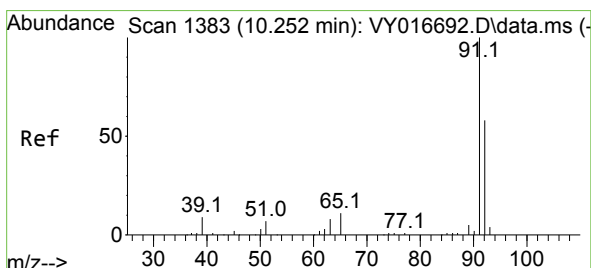
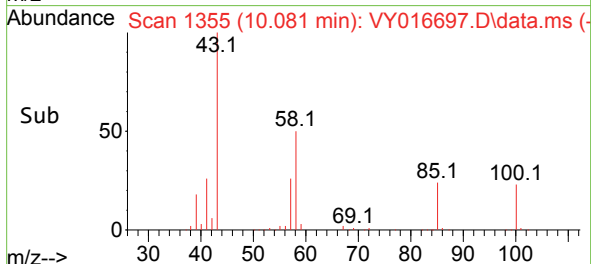
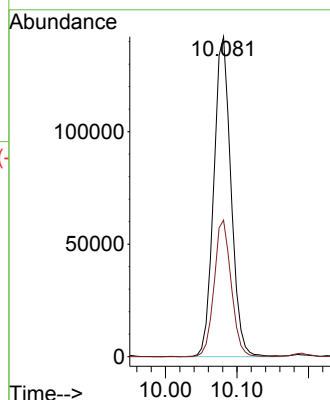
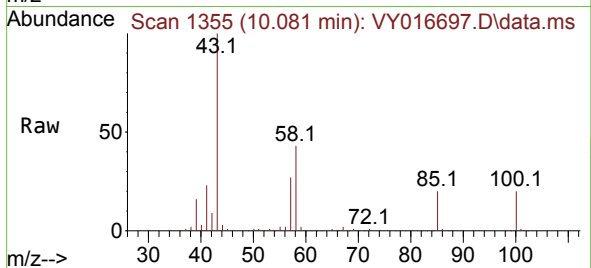
ClientSampleId :

Tgt Ion: 43 Resp: 238005

Ion Ratio Lower Upper

43 100

58 42.2 35.8 53.8



#52

Toluene

Concen: 47.555 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016697.D

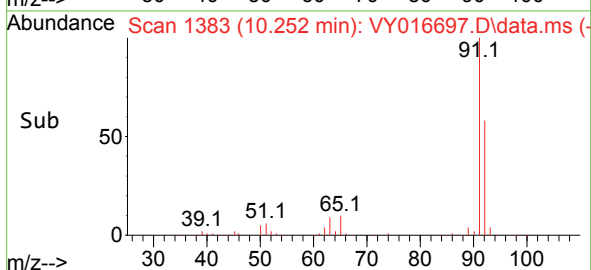
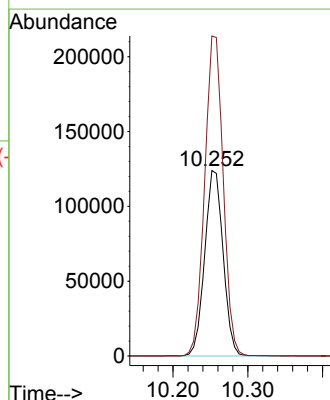
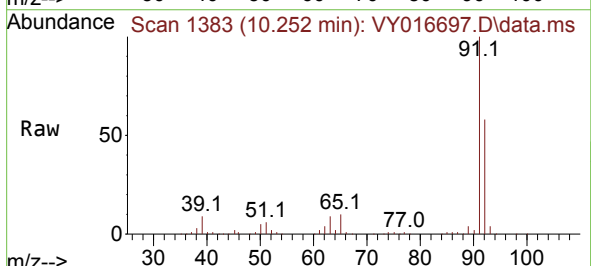
Acq: 19 Dec 2023 15:24

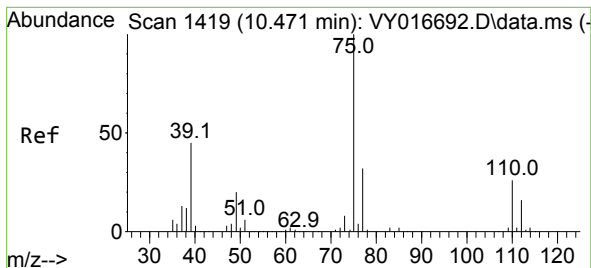
Tgt Ion: 92 Resp: 211849

Ion Ratio Lower Upper

92 100

91 174.0 136.3 204.5

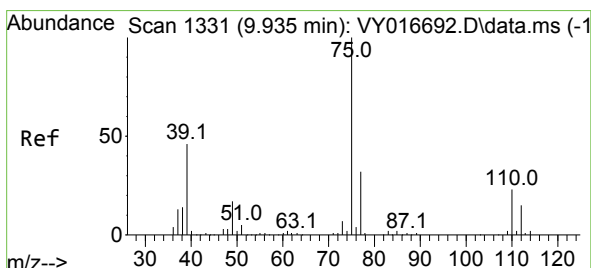
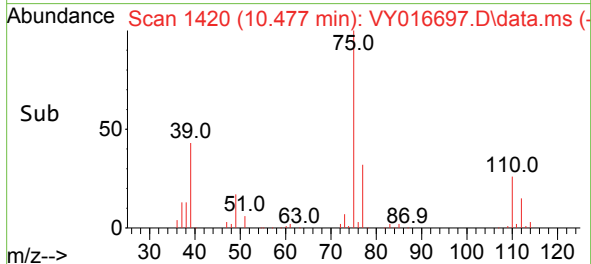
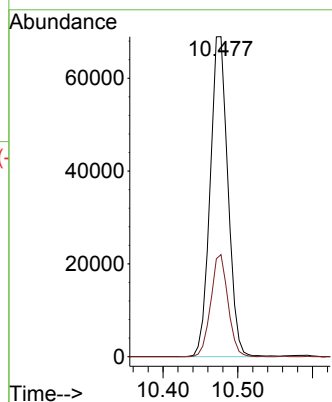
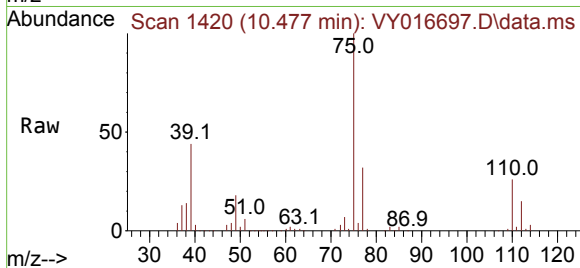




#53
 t-1,3-Dichloropropene
 Concen: 49.561 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

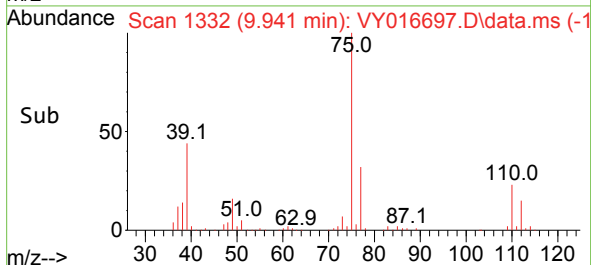
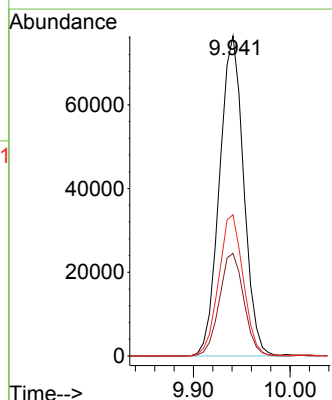
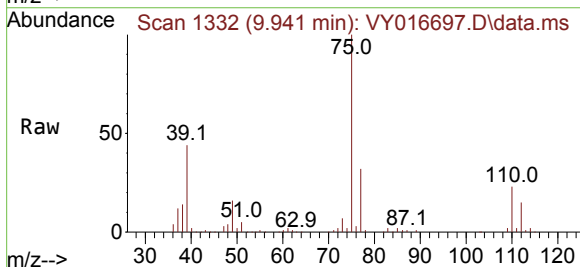
Instrument :
 MSVOA_Y
 ClientSampleId :

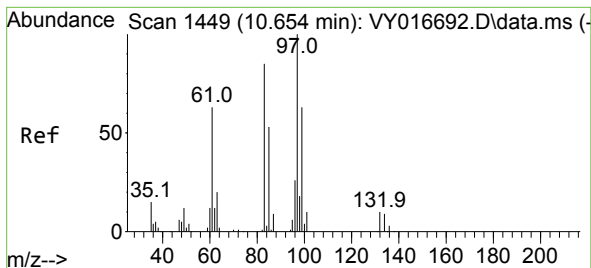
Tgt Ion: 75 Resp: 113867
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.639 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

Tgt Ion: 75 Resp: 132410
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 44.2 29.7 44.5

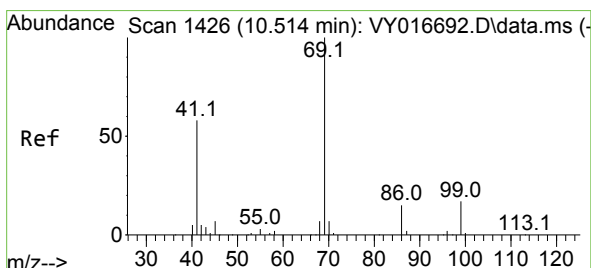
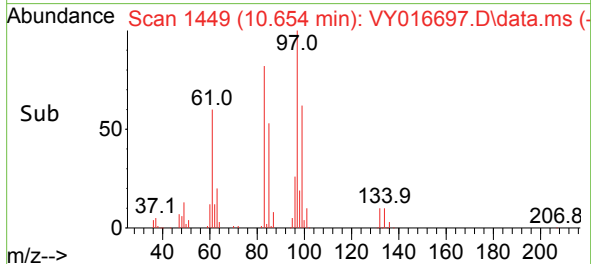
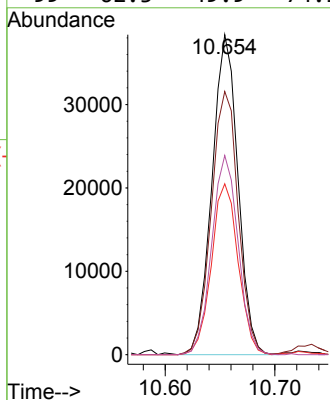
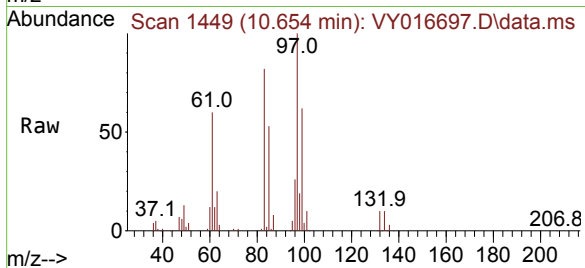




#55
1,1,2-Trichloroethane
Concen: 46.555 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

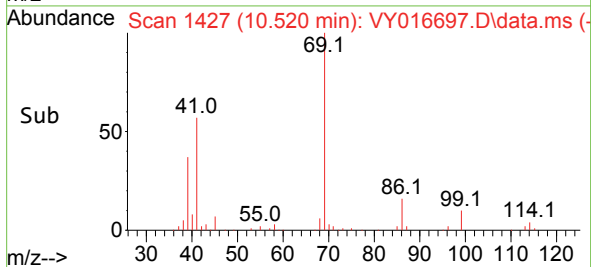
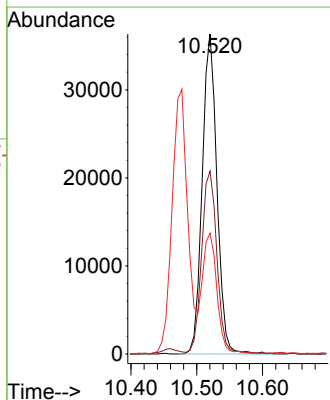
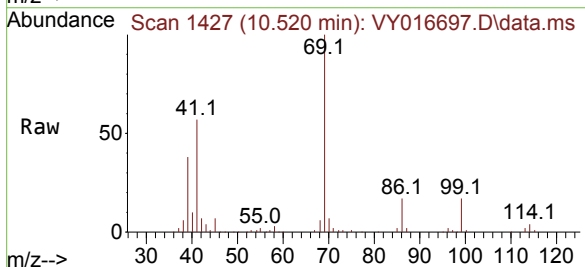
Instrument :
MSVOA_Y
ClientSampleId :

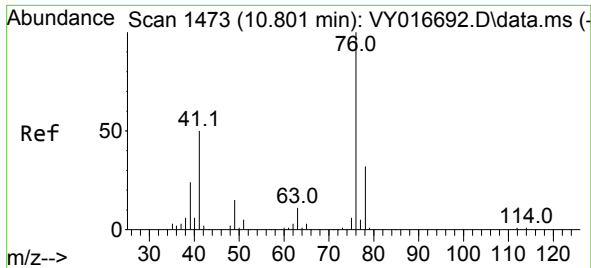
Tgt Ion: 97	Resp: 63200
Ion Ratio	Lower Upper
97 100	
83 82.2	65.8 98.6
85 53.4	43.4 65.2
99 62.3	49.9 74.9



#56
Ethyl methacrylate
Concen: 51.246 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 69	Resp: 56611
Ion Ratio	Lower Upper
69 100	
41 59.3	44.6 67.0
39 35.8	21.5 32.3#

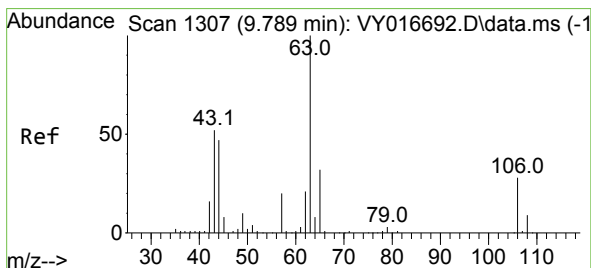
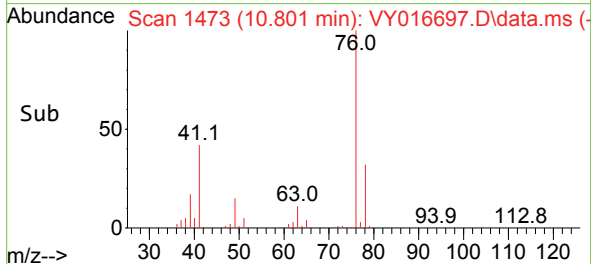
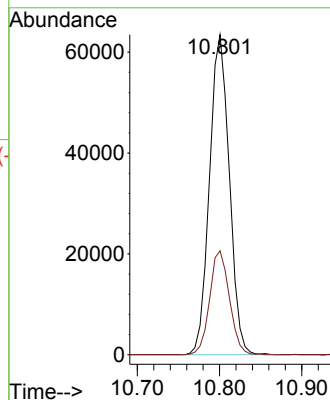
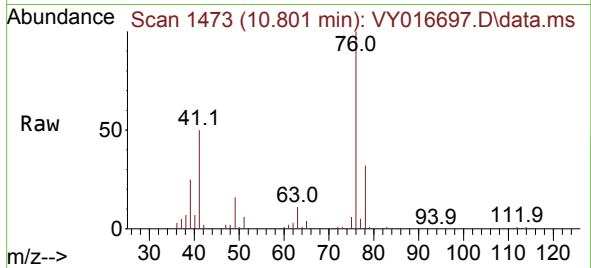




#57
1,3-Dichloropropane
Concen: 47.429 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

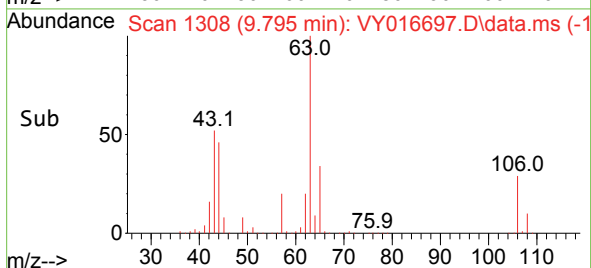
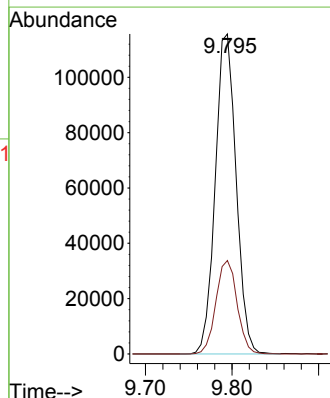
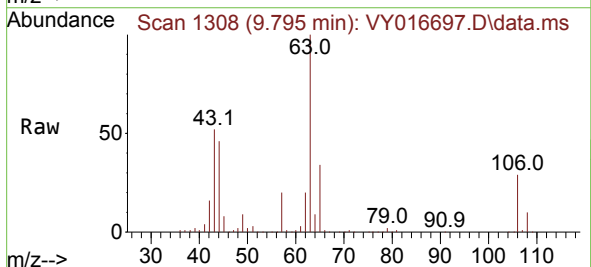
Instrument :
MSVOA_Y
ClientSampleId :

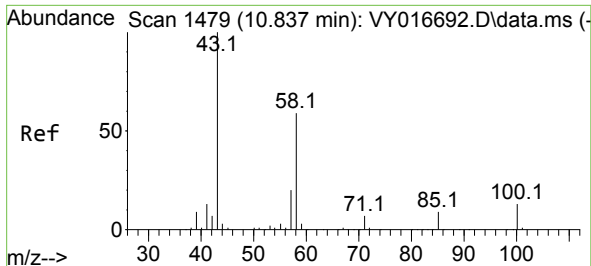
Tgt Ion: 76 Resp: 106241
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 253.896 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 63 Resp: 193774
Ion Ratio Lower Upper
63 100
106 29.6 25.4 38.2

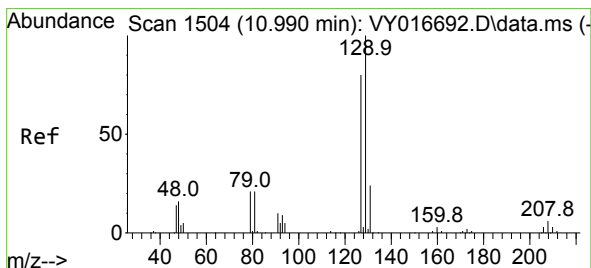
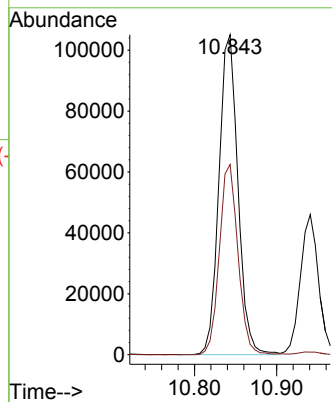
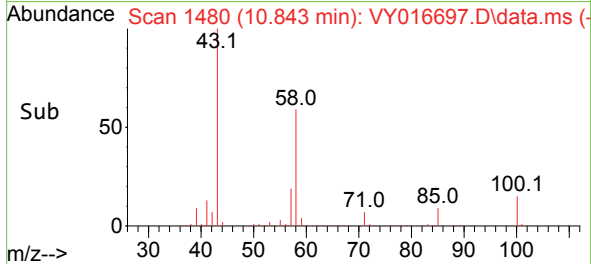
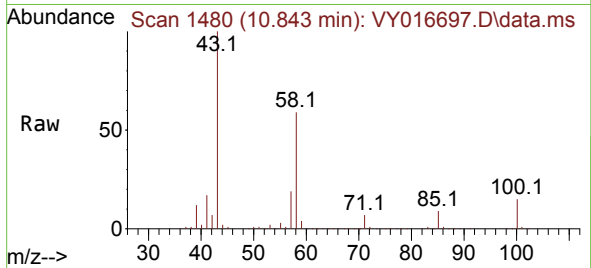




#59
2-Hexanone
Concen: 241.668 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

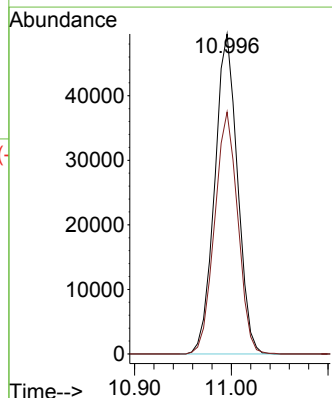
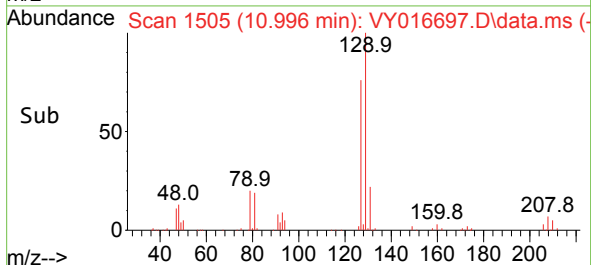
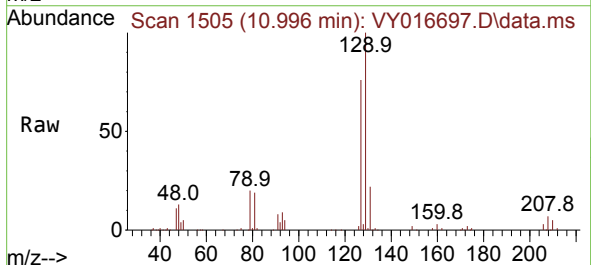
Instrument :
MSVOA_Y
ClientSampleId :

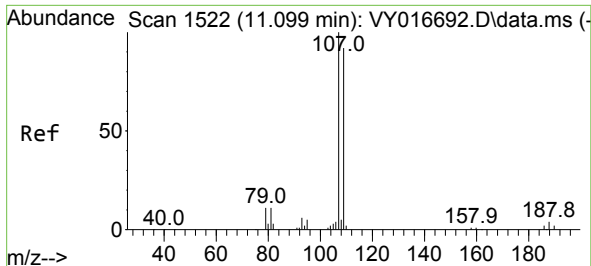
Tgt Ion: 43 Resp: 168467
Ion Ratio Lower Upper
43 100
58 58.4 30.8 92.4



#60
Dibromochloromethane
Concen: 49.138 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion:129 Resp: 80991
Ion Ratio Lower Upper
129 100
127 76.8 38.0 113.9

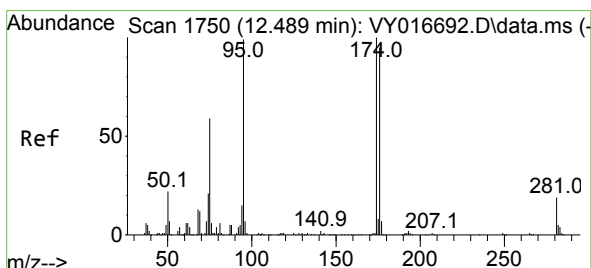
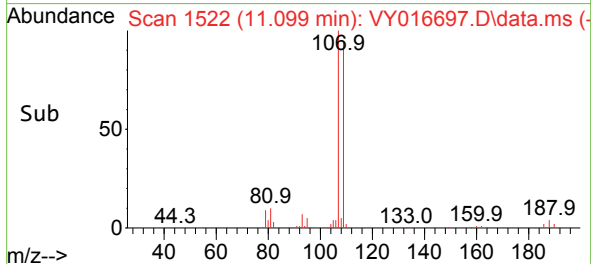
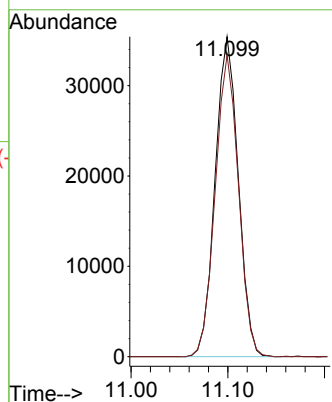
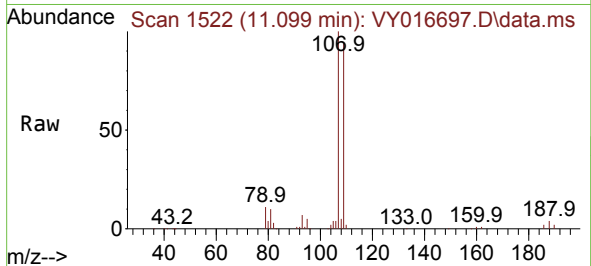




#61
1,2-Dibromoethane
Concen: 48.082 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

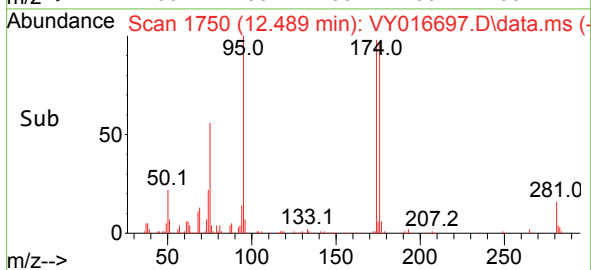
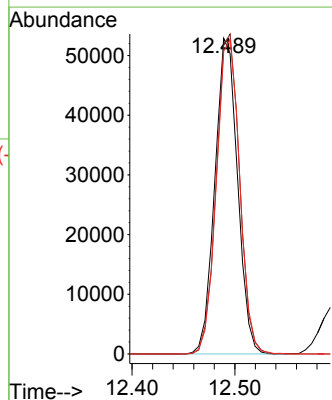
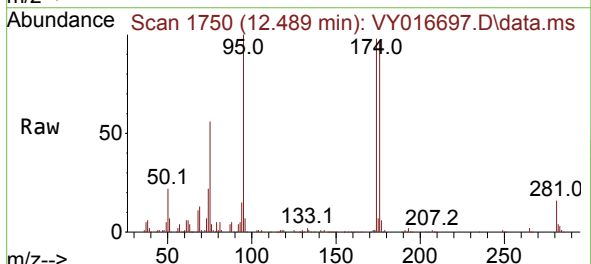
Instrument :
MSVOA_Y
ClientSampleId :

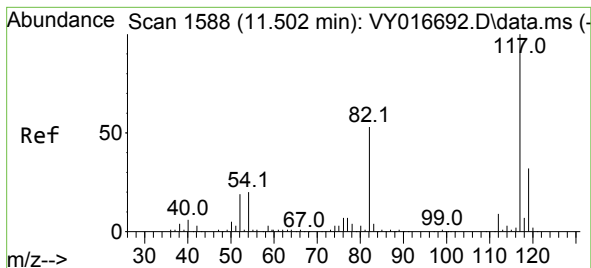
Tgt Ion:107 Resp: 58787
Ion Ratio Lower Upper
107 100
109 94.6 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 46.817 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

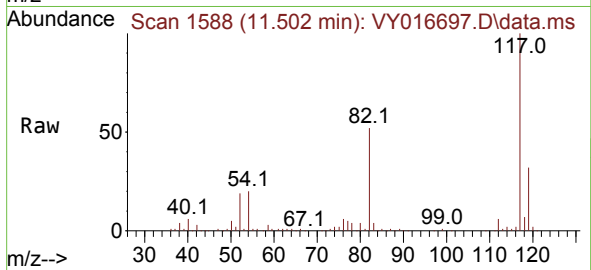
Tgt Ion: 95 Resp: 80765
Ion Ratio Lower Upper
95 100
174 103.4 0.0 181.0
176 101.9 0.0 176.6



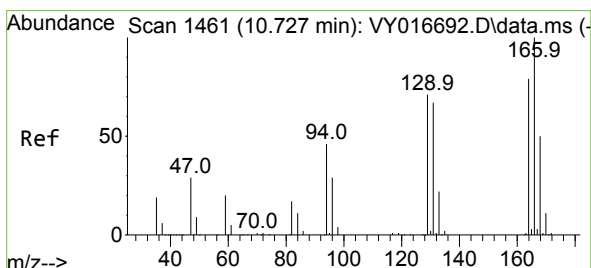
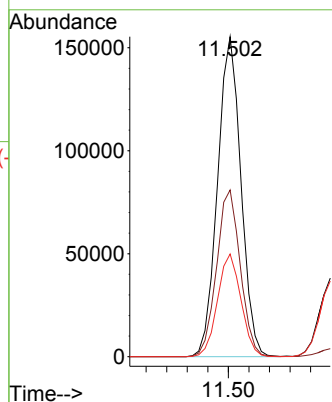
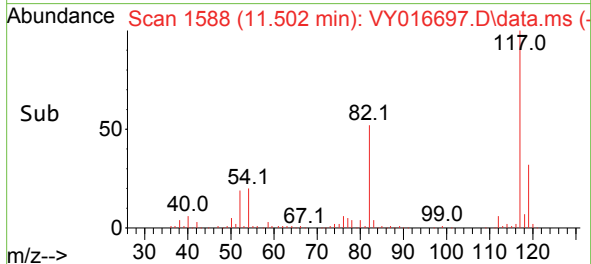


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

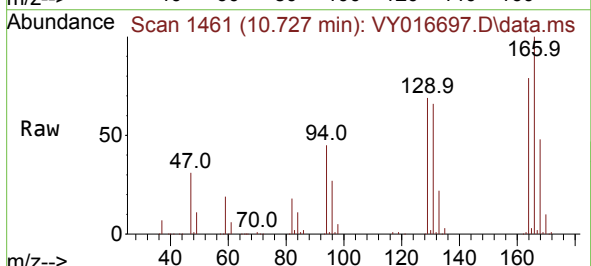
Instrument :
MSVOA_Y
ClientSampleId :



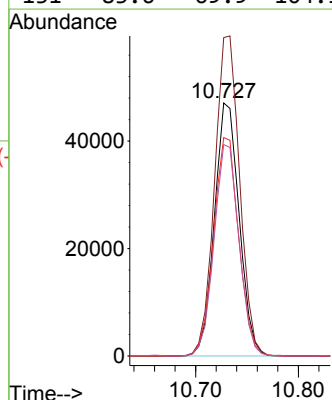
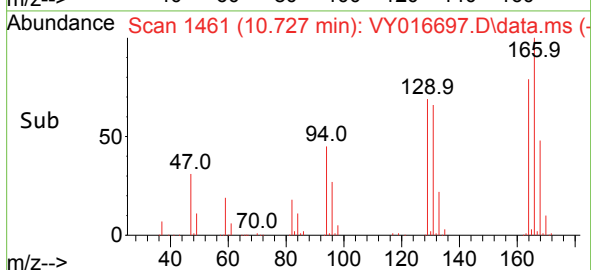
Tgt Ion:117 Resp: 245306
Ion Ratio Lower Upper
117 100
82 52.1 41.0 61.6
119 32.1 25.8 38.8

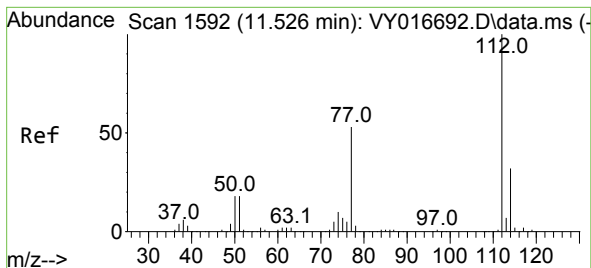


#64
Tetrachloroethene
Concen: 46.500 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



Tgt Ion:164 Resp: 78682
Ion Ratio Lower Upper
164 100
166 125.9 103.9 155.9
129 86.4 71.4 107.2
131 83.6 69.9 104.9

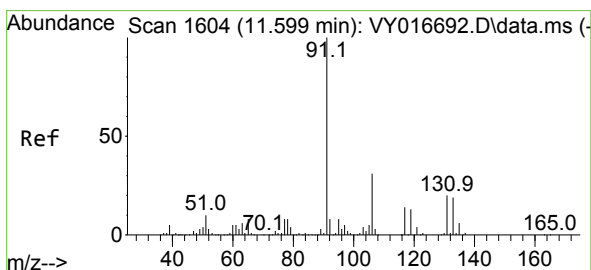
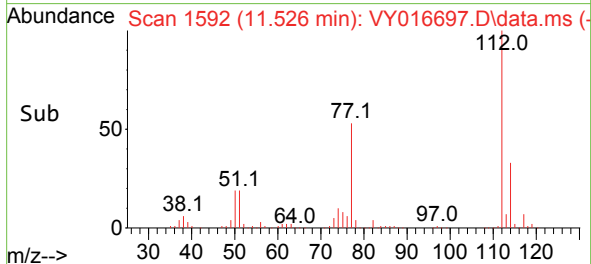
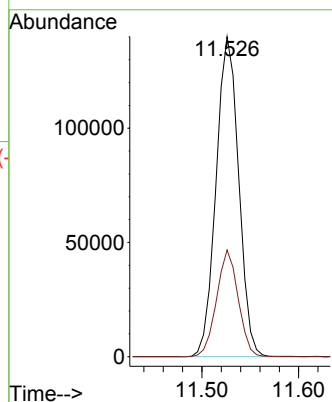
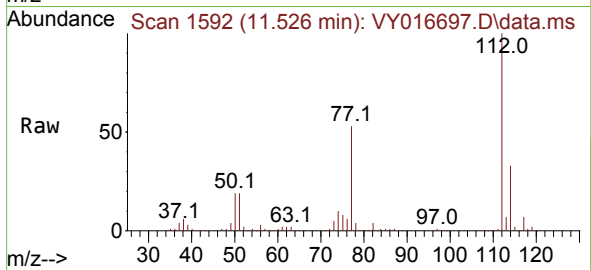




#65
Chlorobenzene
Concen: 46.689 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

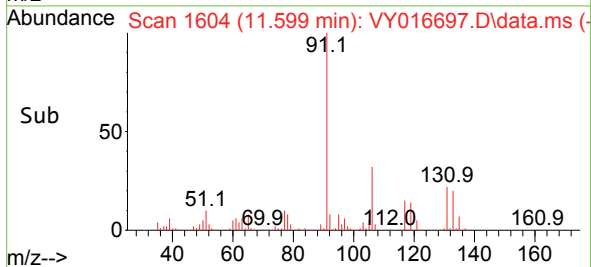
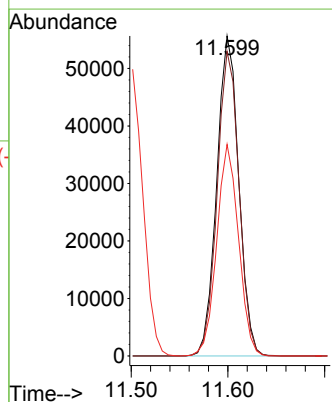
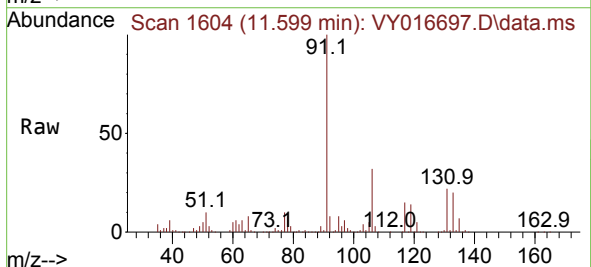
Instrument :
MSVOA_Y
ClientSampleId :

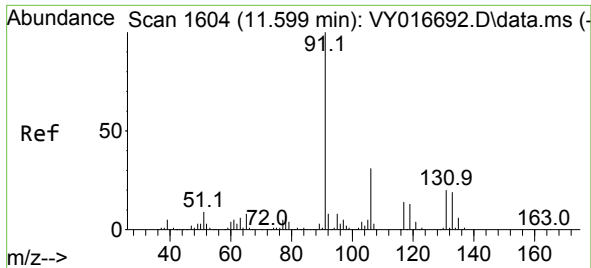
Tgt Ion:112 Resp: 226813
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 46.648 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion:131 Resp: 87792
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.6
119 65.7 32.9 98.7

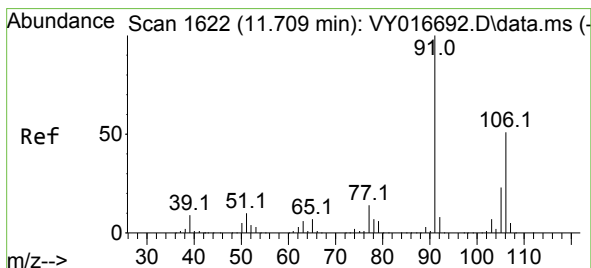
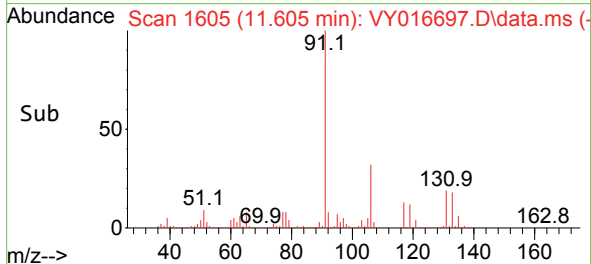
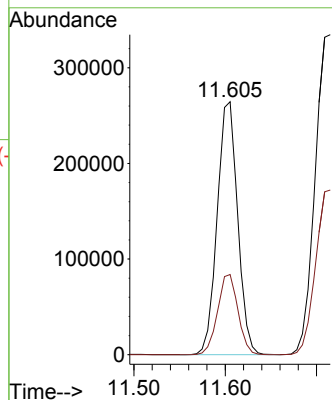
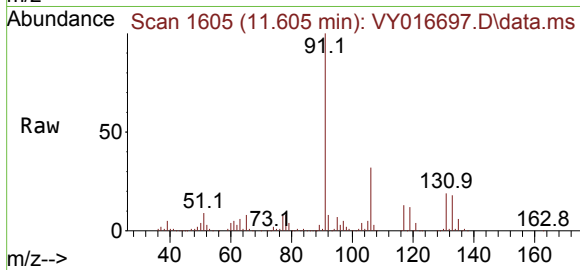




#67
Ethyl Benzene
Concen: 47.421 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

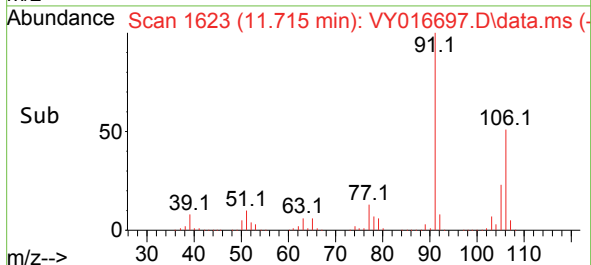
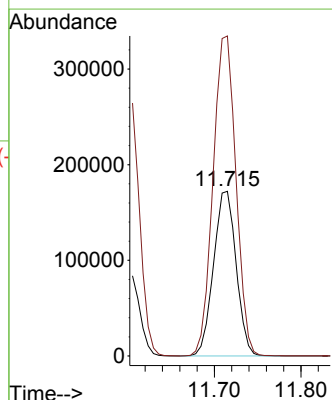
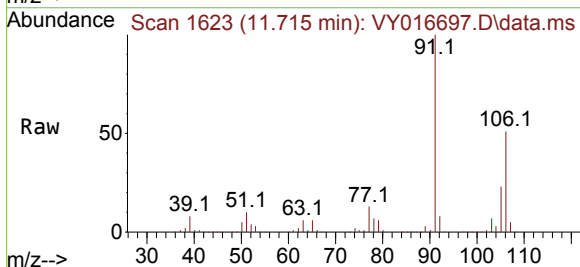
Instrument :
MSVOA_Y
ClientSampleId :

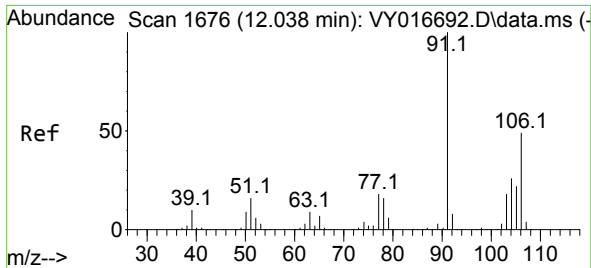
Tgt Ion: 91 Resp: 411554
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1



#68
m/p-Xylenes
Concen: 94.942 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion:106 Resp: 312335
Ion Ratio Lower Upper
106 100
91 196.8 156.2 234.2

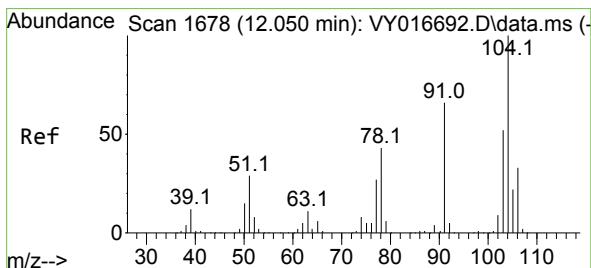
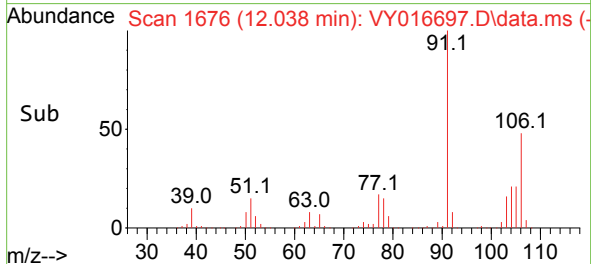
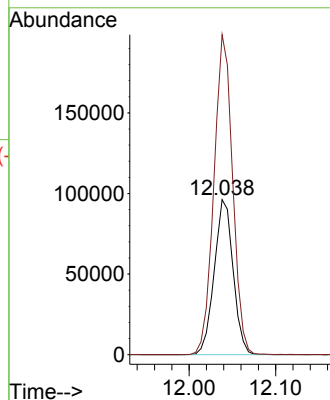
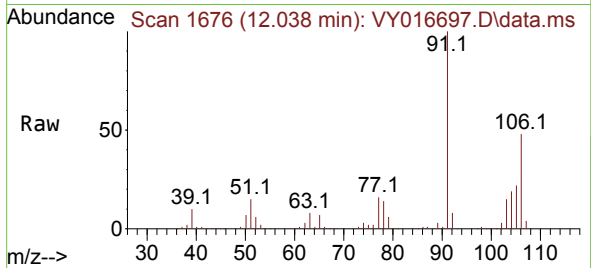




#69
o-Xylene
Concen: 48.493 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

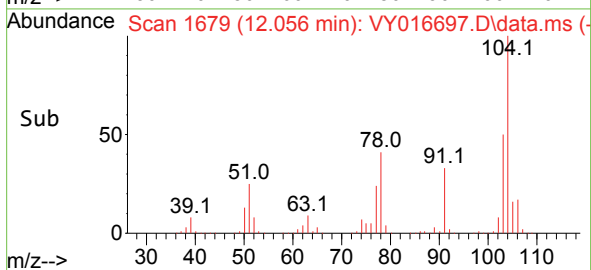
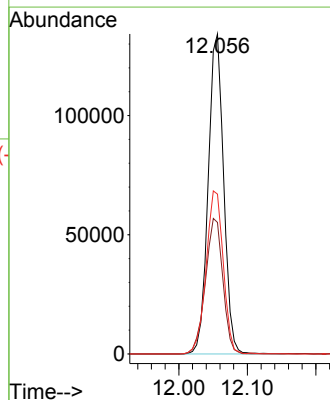
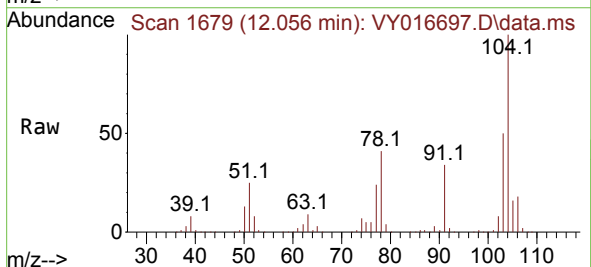
Instrument :
MSVOA_Y
ClientSampleId :

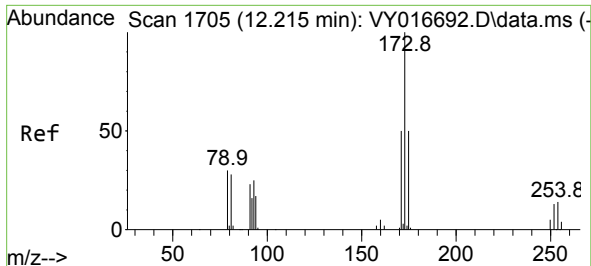
Tgt Ion:106 Resp: 145733
Ion Ratio Lower Upper
106 100
91 204.4 102.8 308.4



#70
Styrene
Concen: 48.533 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion:104 Resp: 210605
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.2
103 56.6 44.3 66.5

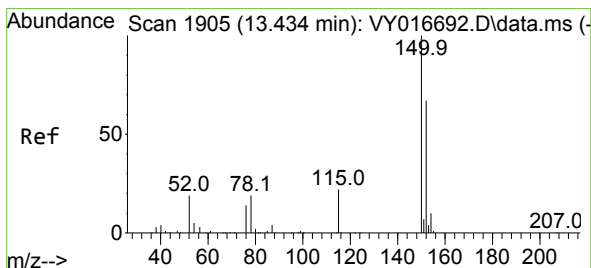
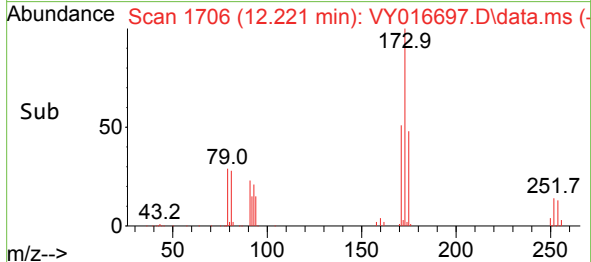
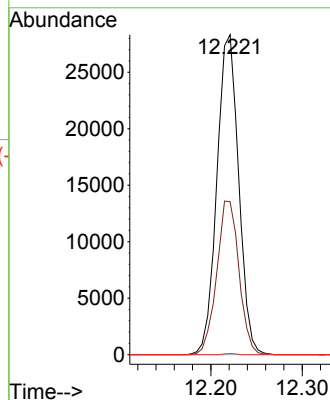
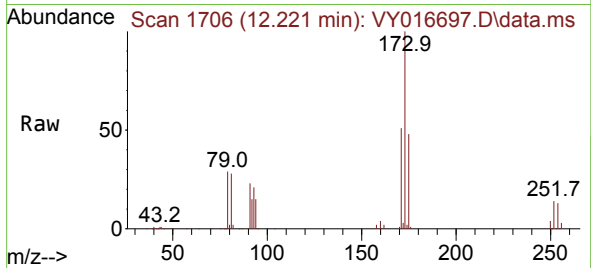




#71
Bromoform
Concen: 48.066 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

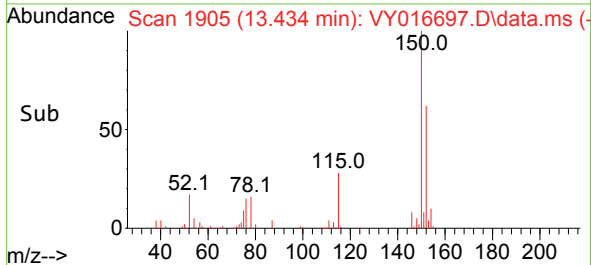
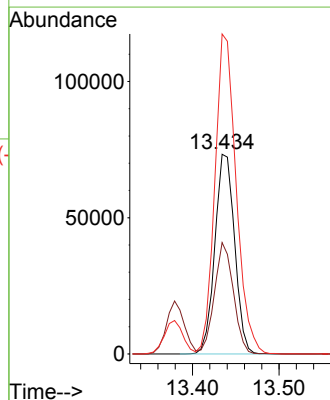
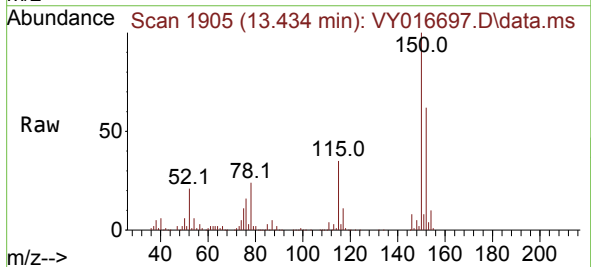
Instrument :
MSVOA_Y
ClientSampleId :

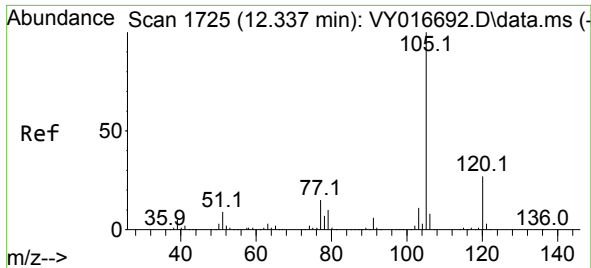
Tgt Ion:173 Resp: 46853
Ion Ratio Lower Upper
173 100
175 49.1 24.2 72.6
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion:152 Resp: 116098
Ion Ratio Lower Upper
152 100
115 53.7 28.2 84.7
150 172.5 0.0 350.6

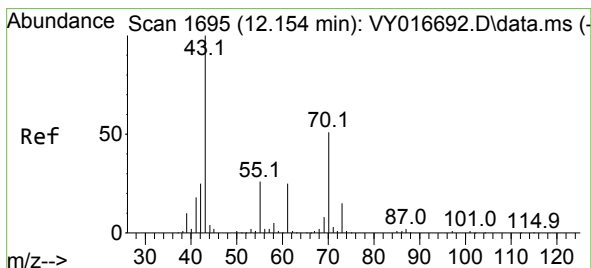
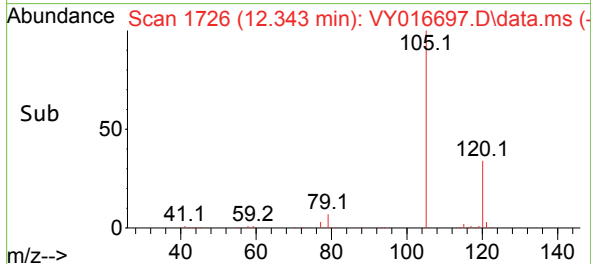
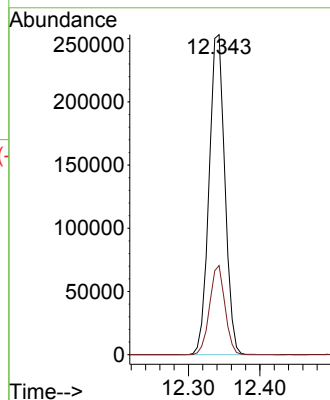
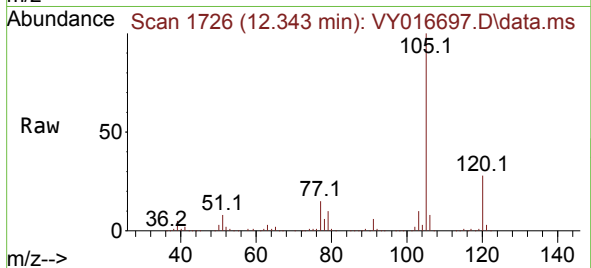




#73
Isopropylbenzene
Concen: 48.306 ug/l
RT: 12.343 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

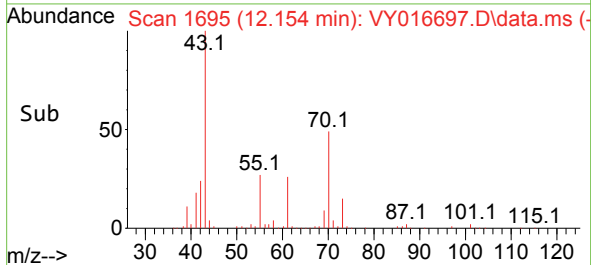
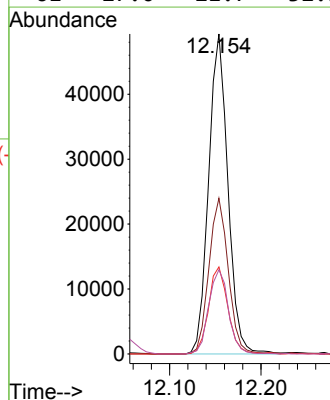
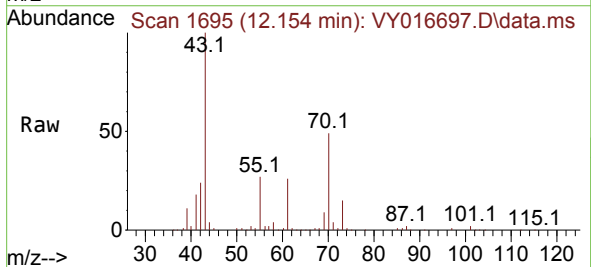
Instrument :
MSVOA_Y
ClientSampleId :

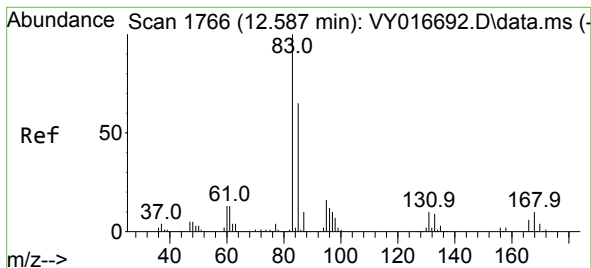
Tgt Ion:105 Resp: 387765
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.8



#74
N-ethyl acetate
Concen: 49.603 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 43 Resp: 72050
Ion Ratio Lower Upper
43 100
70 49.2 41.2 61.8
55 27.5 22.2 33.2
61 27.0 21.7 32.5

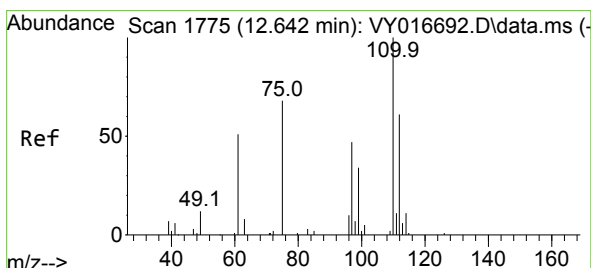
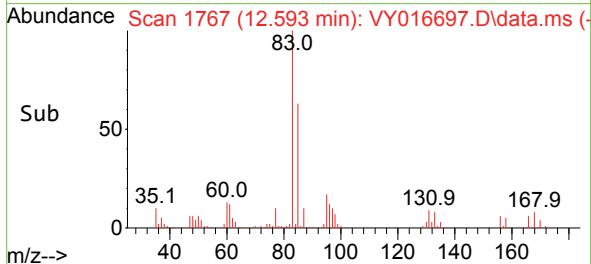
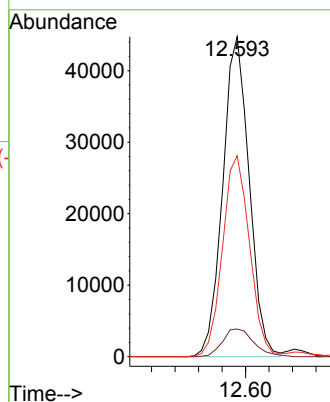
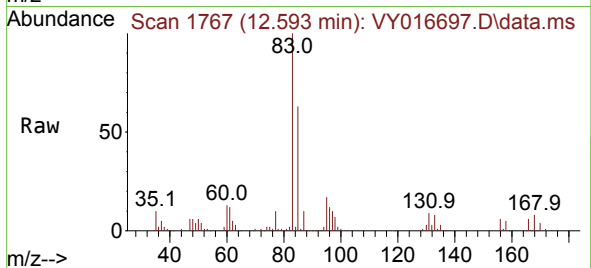




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.847 ug/l
 RT: 12.593 min Scan# 1767
 Delta R.T. 0.006 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

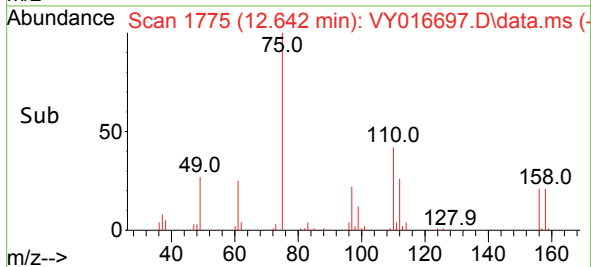
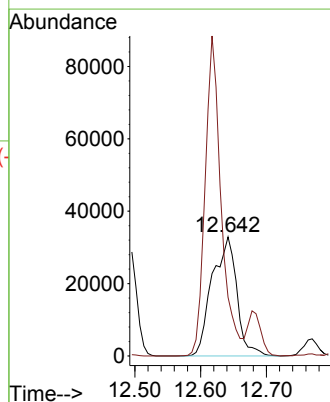
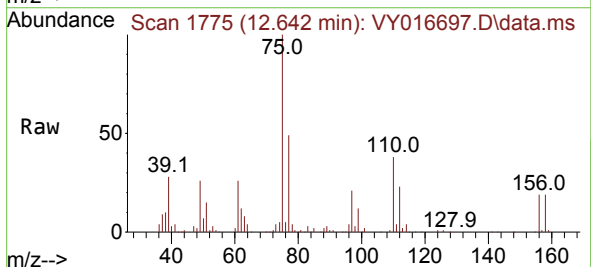
Instrument :
 MSVOA_Y
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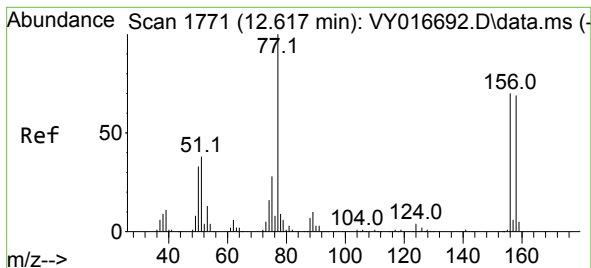
Tgt Ion: 83 Resp: 69974
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.5 16.4
 85 64.5 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 85.449 ug/l
 RT: 12.642 min Scan# 1775
 Delta R.T. -0.000 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

Tgt Ion: 75 Resp: 86234
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.614 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

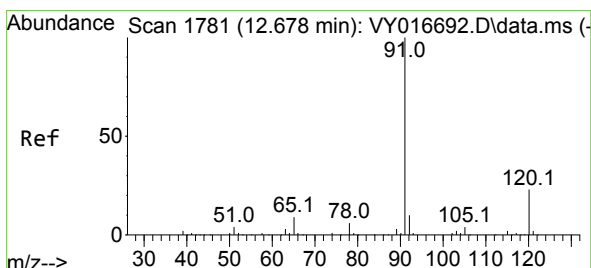
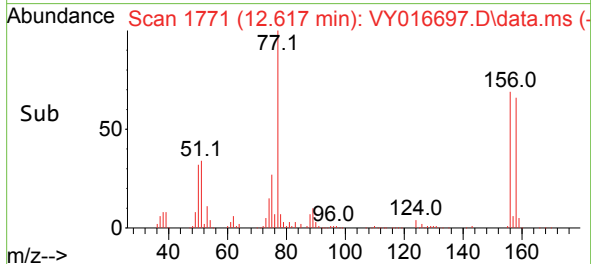
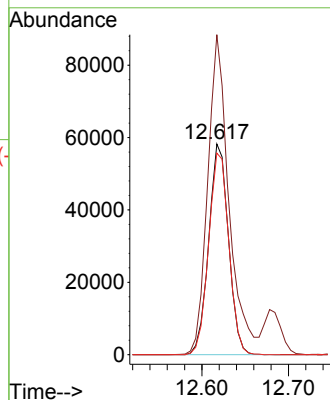
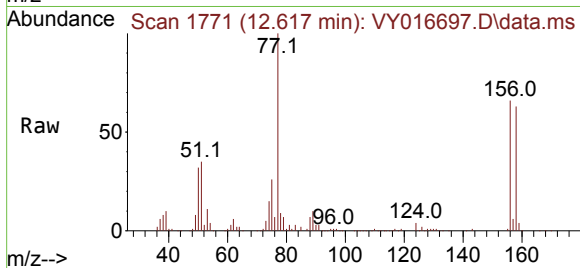
Tgt Ion:156 Resp: 92157

Ion Ratio Lower Upper

156 100

77 164.0 83.5 250.7

158 97.8 49.0 147.0



#78

n-propylbenzene

Concen: 47.866 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016697.D

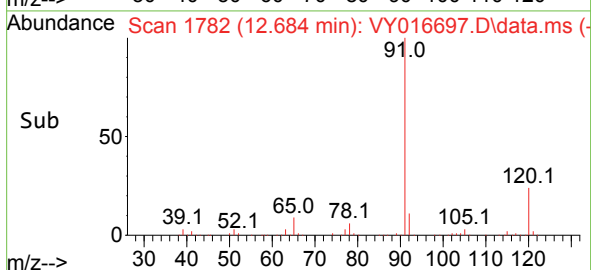
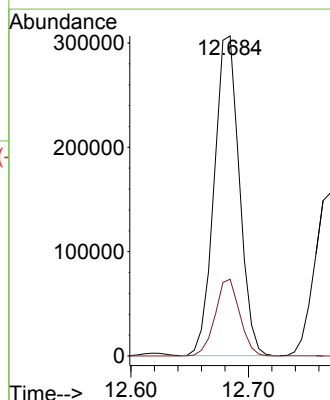
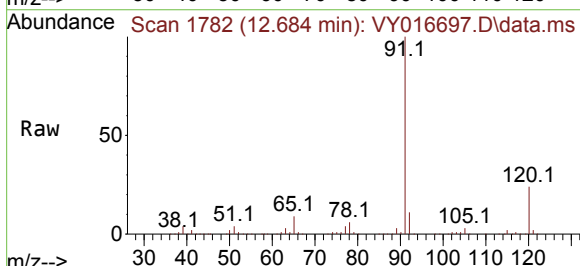
Acq: 19 Dec 2023 15:24

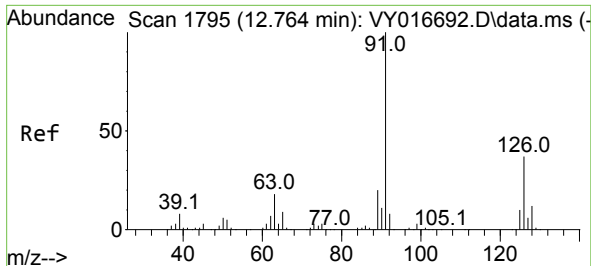
Tgt Ion: 91 Resp: 455524

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7

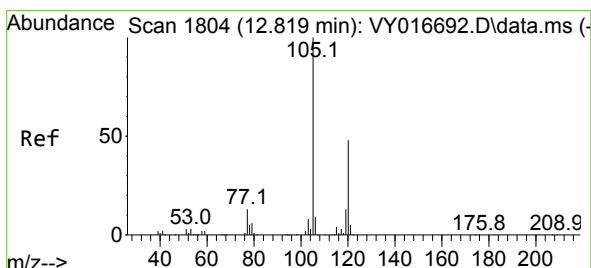
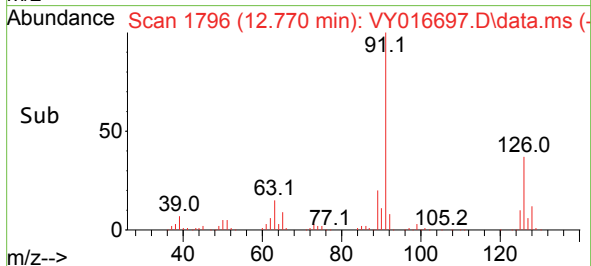
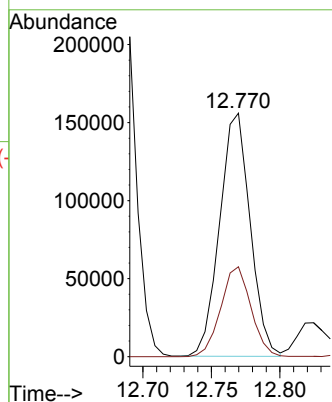
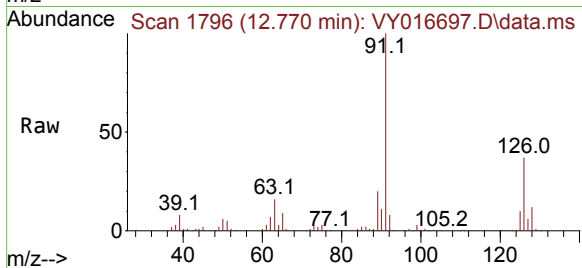




#79
2-Chlorotoluene
Concen: 47.479 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

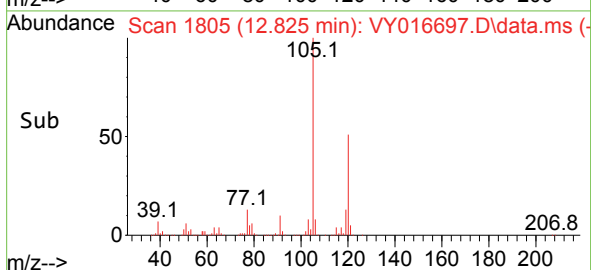
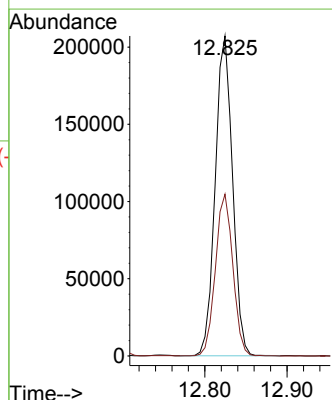
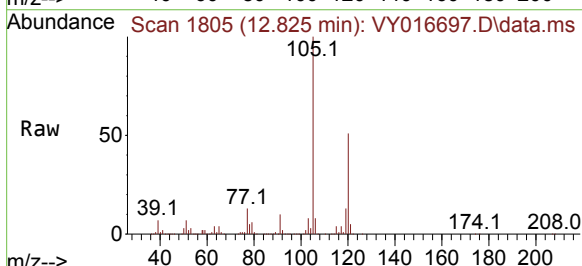
Instrument :
MSVOA_Y
ClientSampleId :

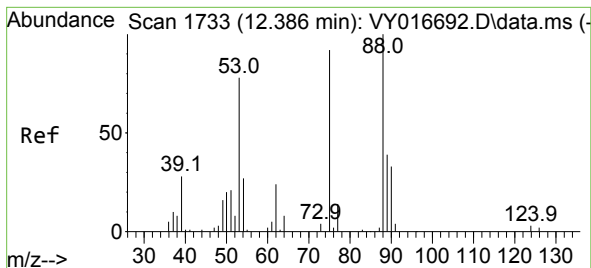
Tgt Ion: 91 Resp: 242034
Ion Ratio Lower Upper
91 100
126 36.7 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 48.356 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion:105 Resp: 304176
Ion Ratio Lower Upper
105 100
120 50.9 25.2 75.6

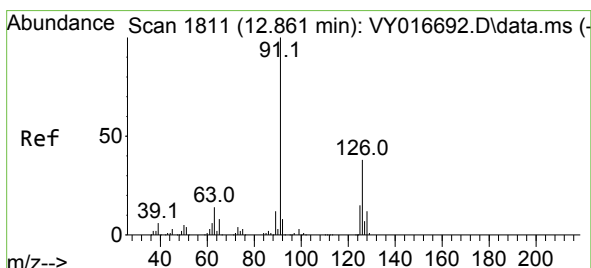
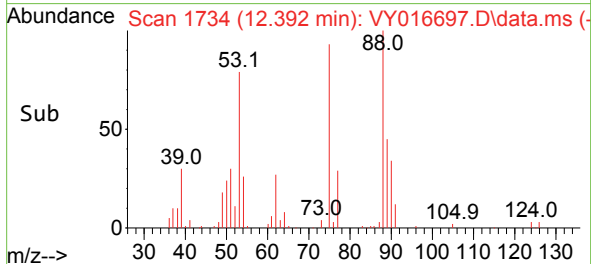
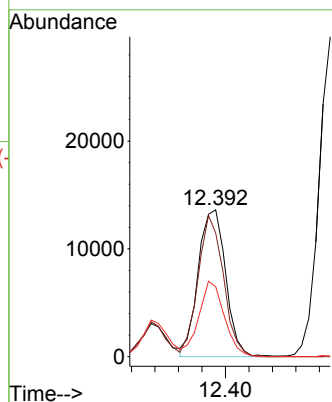
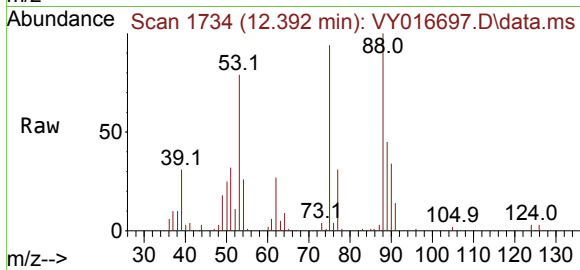




#81
trans-1,4-Dichloro-2-butene
Concen: 50.419 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

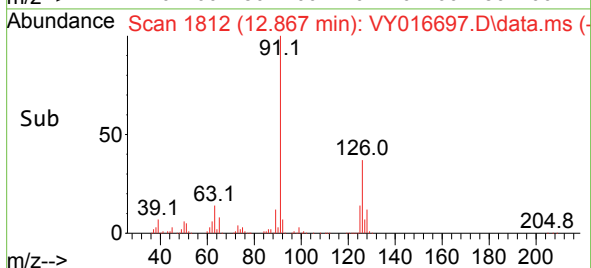
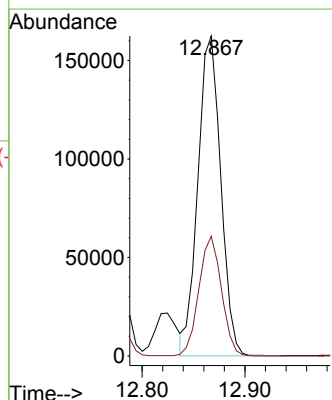
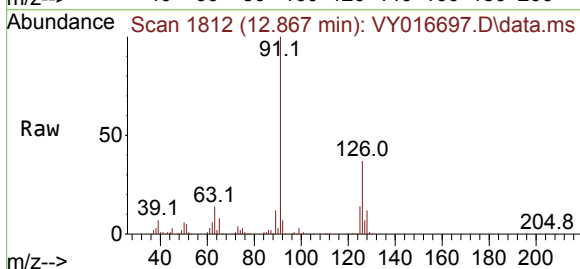
Instrument :
MSVOA_Y
ClientSampleId :

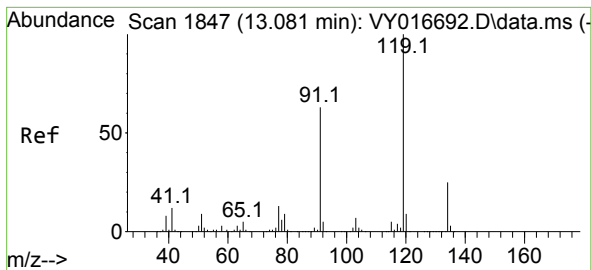
Tgt Ion: 75 Resp: 22177
Ion Ratio Lower Upper
75 100
53 88.9 62.9 94.3
89 47.7 35.8 53.8



#82
4-Chlorotoluene
Concen: 47.673 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 91 Resp: 251297
Ion Ratio Lower Upper
91 100
126 37.0 18.0 54.0





#83

tert-Butylbenzene

Concen: 48.528 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

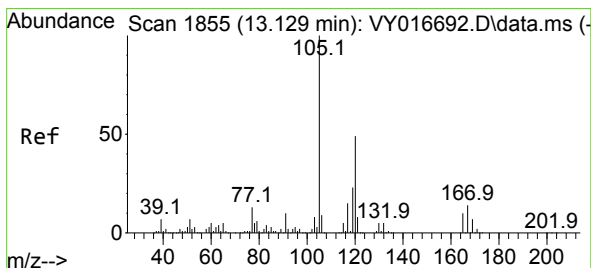
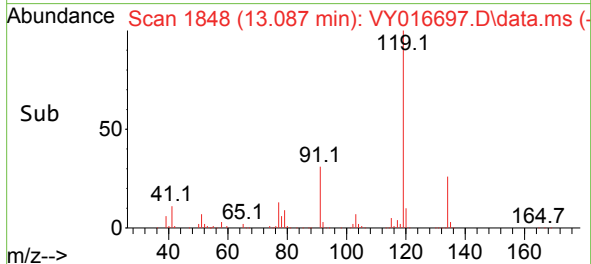
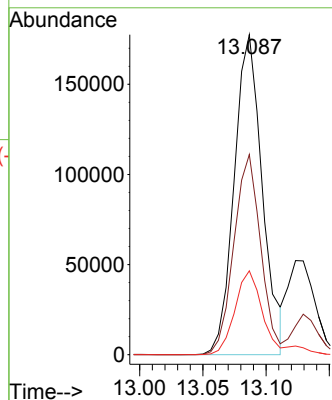
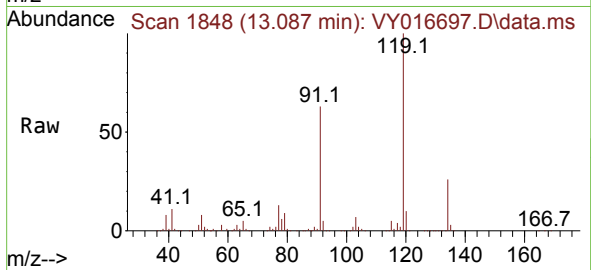
Tgt Ion:119 Resp: 274684

Ion Ratio Lower Upper

119 100

91 59.6 30.8 92.3

134 27.2 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 48.985 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016697.D

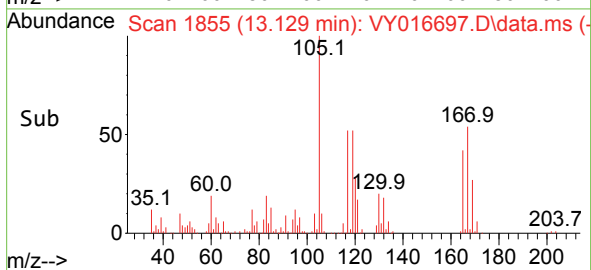
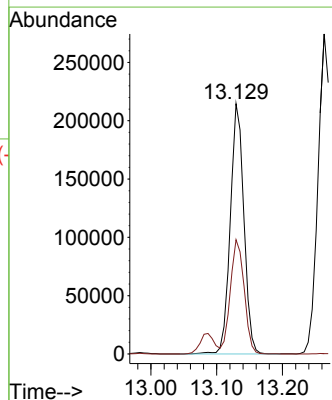
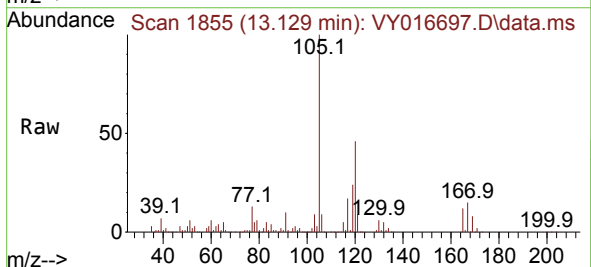
Acq: 19 Dec 2023 15:24

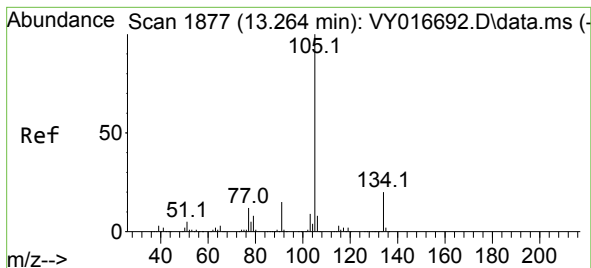
Tgt Ion:105 Resp: 308865

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 48.482 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

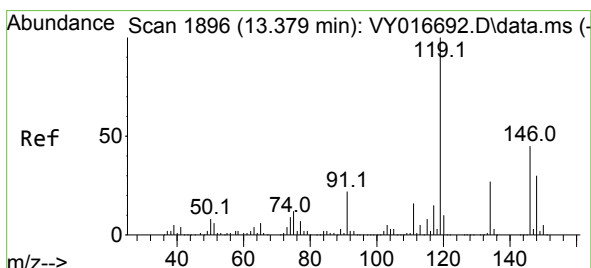
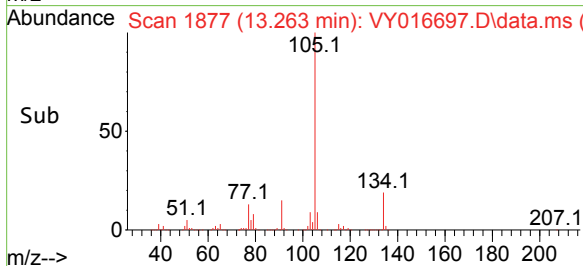
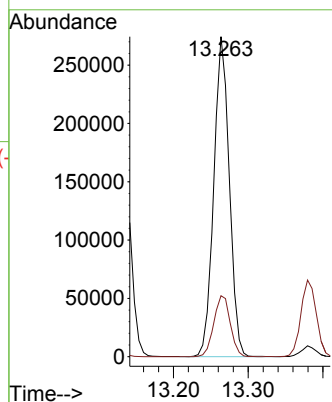
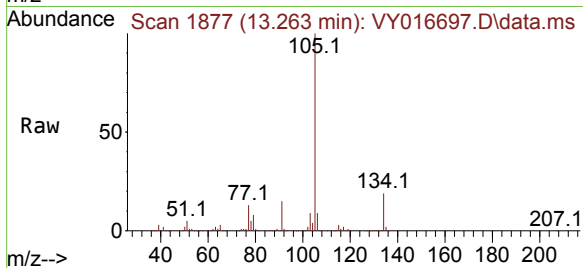
ClientSampleId :

Tgt Ion:105 Resp: 395746

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 48.599 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

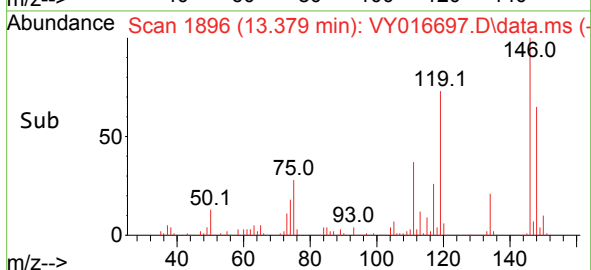
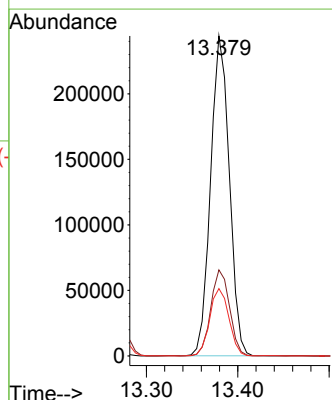
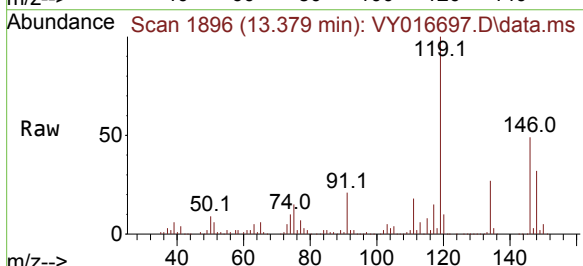
Tgt Ion:119 Resp: 346822

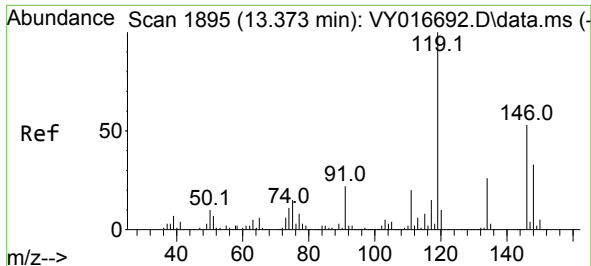
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

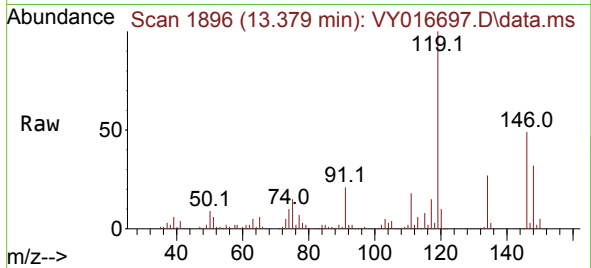
91 21.6 11.2 33.5



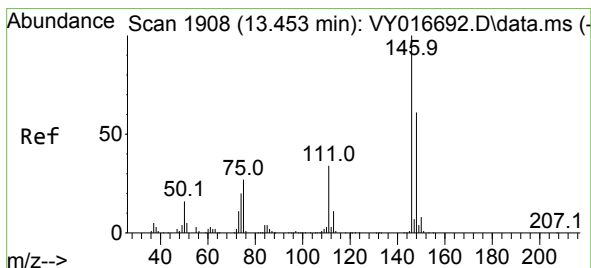
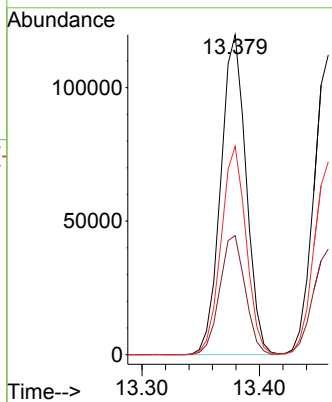
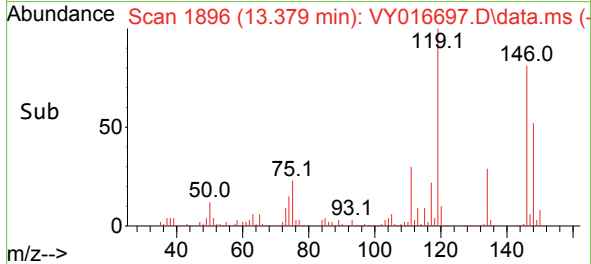


#87
 1,3-Dichlorobenzene
 Concen: 46.961 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

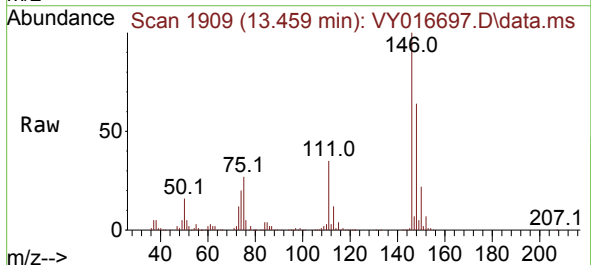
Instrument :
 MSVOA_Y
 ClientSampleId :



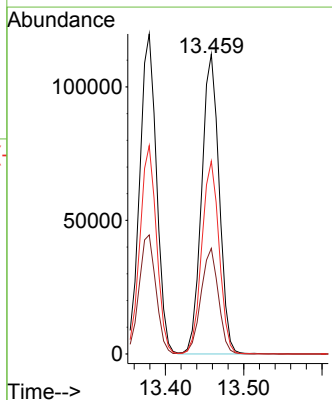
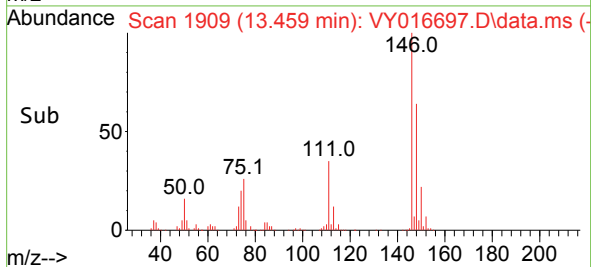
Tgt Ion:146 Resp: 179866
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 64.4 31.6 94.8

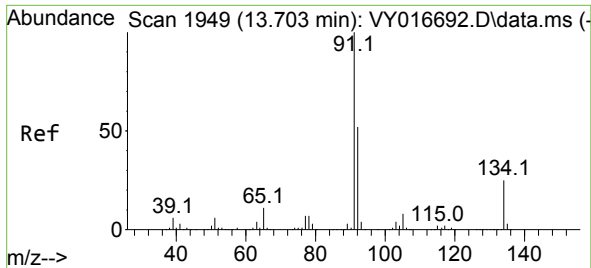


#88
 1,4-Dichlorobenzene
 Concen: 47.484 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24



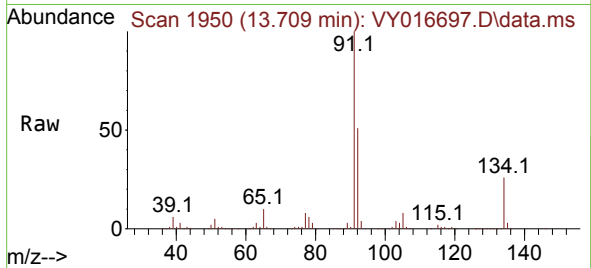
Tgt Ion:146 Resp: 174235
 Ion Ratio Lower Upper
 146 100
 111 35.1 18.4 55.4
 148 63.8 32.0 96.2



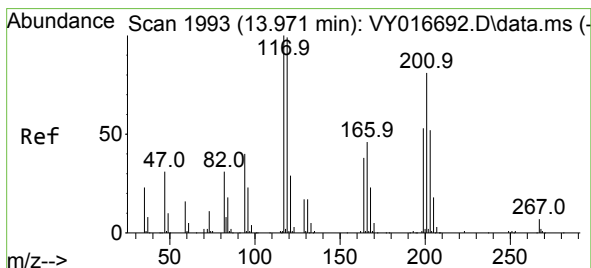
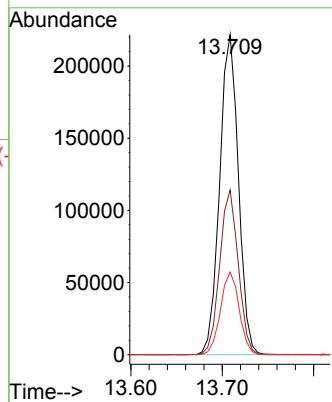
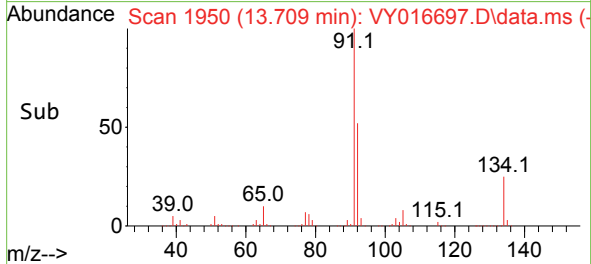


#89
n-Butylbenzene
Concen: 48.531 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

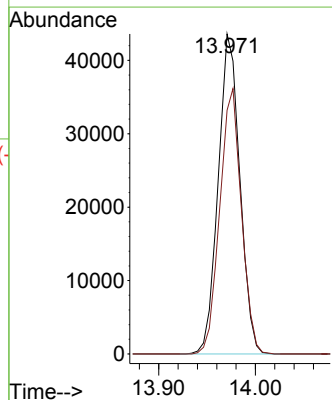
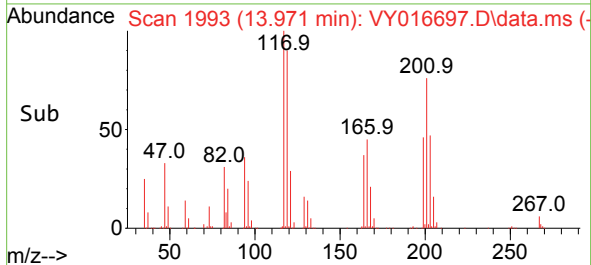
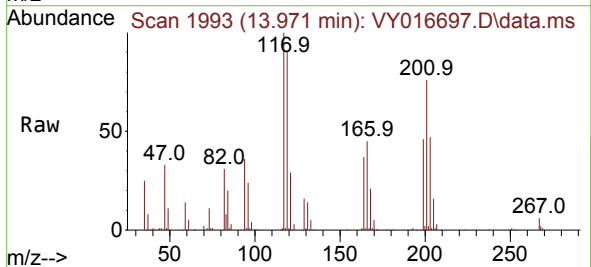


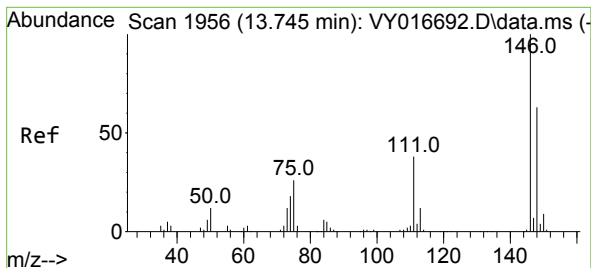
Tgt Ion: 91 Resp: 316599
Ion Ratio Lower Upper
91 100
92 50.9 26.5 79.5
134 25.8 13.7 41.1



#90
Hexachloroethane
Concen: 47.526 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

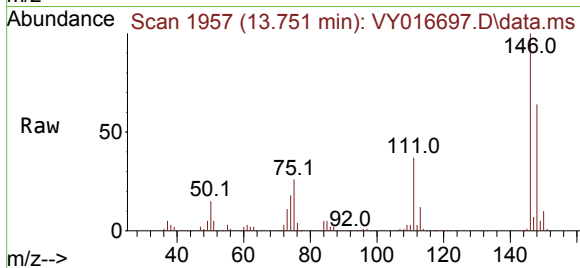
Tgt Ion: 117 Resp: 67594
Ion Ratio Lower Upper
117 100
201 82.9 41.5 124.5



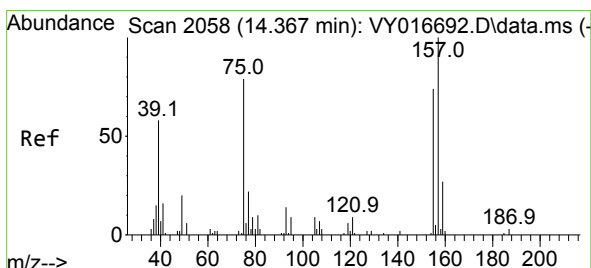
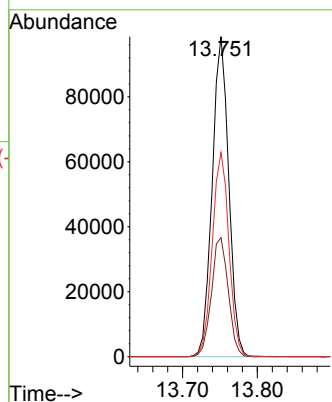
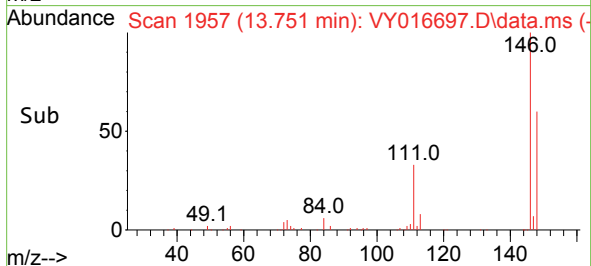


#91
1,2-Dichlorobenzene
Concen: 48.103 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

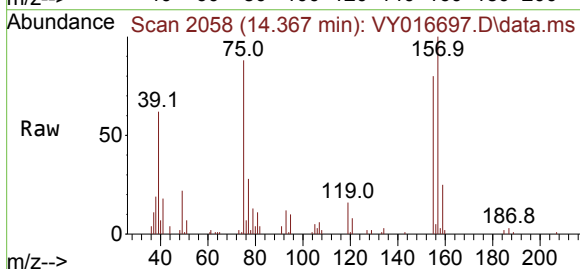
Instrument :
MSVOA_Y
ClientSampleId :



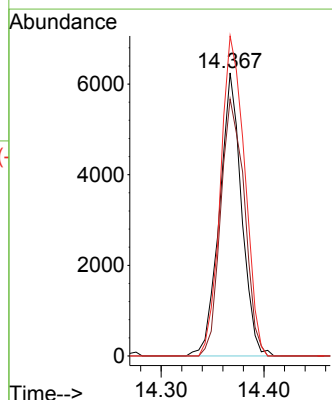
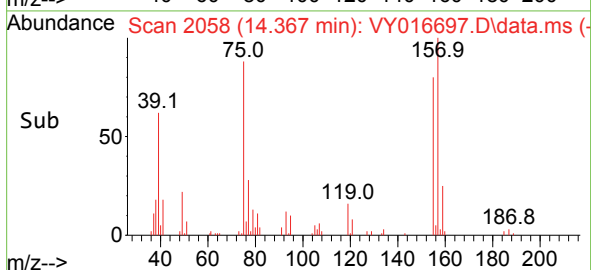
Tgt Ion:146 Resp: 151363
Ion Ratio Lower Upper
146 100
111 37.8 19.5 58.5
148 64.2 31.8 95.3

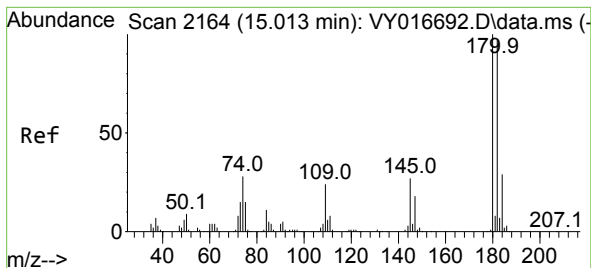


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.467 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



Tgt Ion: 75 Resp: 9296
Ion Ratio Lower Upper
75 100
155 97.3 49.4 148.2
157 123.5 64.4 193.2





#93

1,2,4-Trichlorobenzene

Concen: 51.081 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

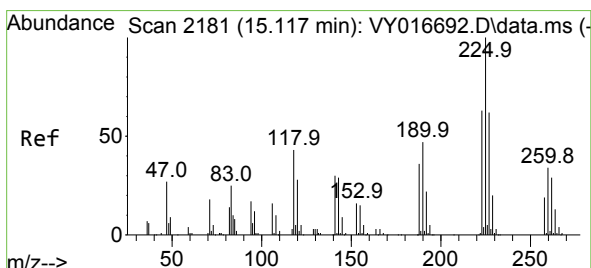
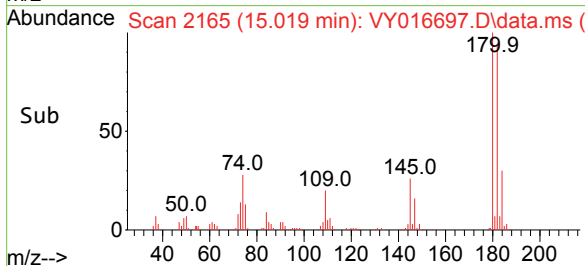
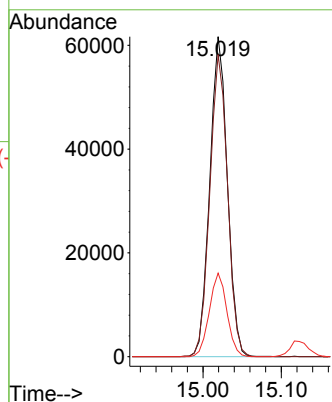
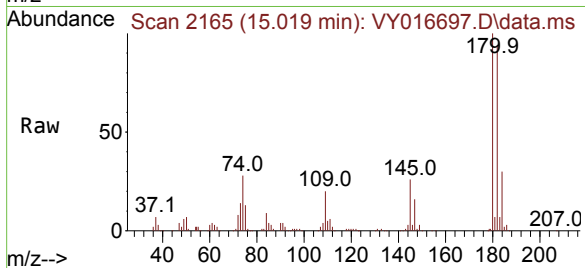
Tgt Ion:180 Resp: 96080

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

145 26.0 14.8 44.4



#94

Hexachlorobutadiene

Concen: 47.471 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

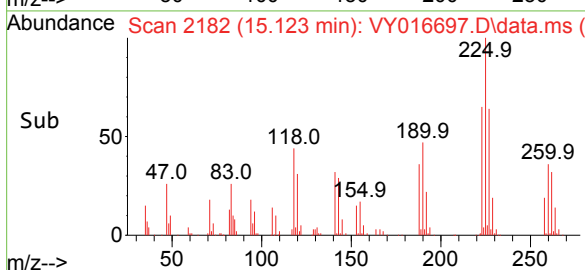
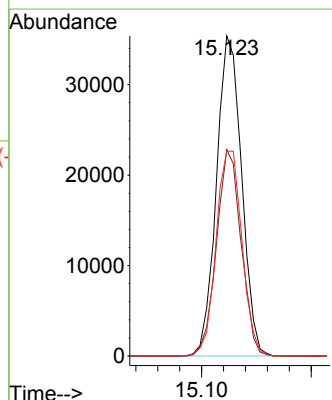
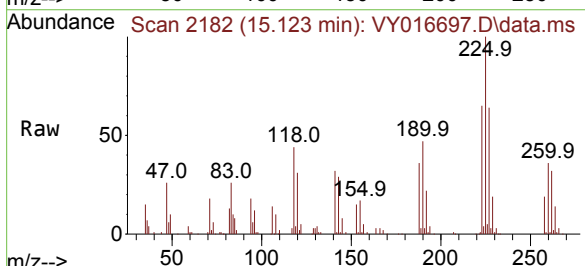
Tgt Ion:225 Resp: 56434

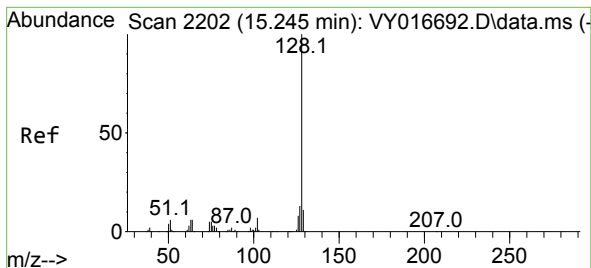
Ion Ratio Lower Upper

225 100

223 63.0 31.4 94.2

227 65.9 31.9 95.9





#95

Naphthalene

Concen: 53.480 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

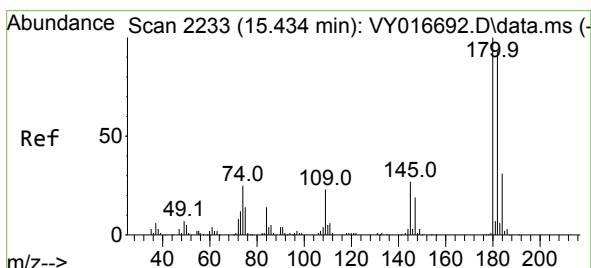
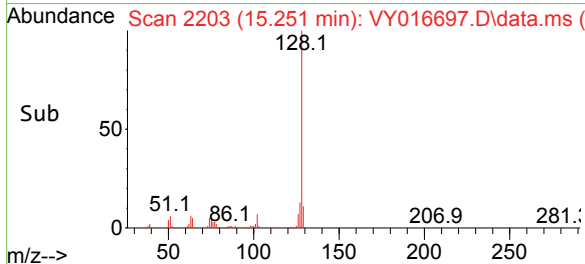
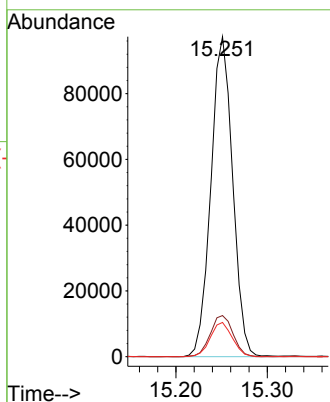
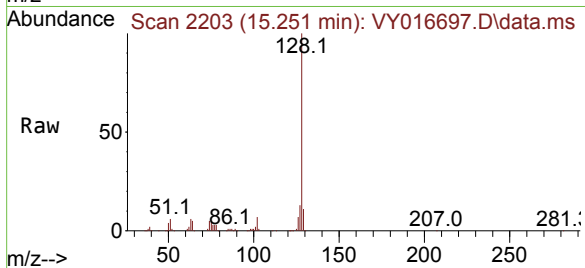
Tgt Ion:128 Resp: 161024

Ion Ratio Lower Upper

128 100

127 13.5 10.1 15.1

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.275 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Tgt Ion:180 Resp: 79982

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.8

145 27.7 15.5 46.5

