

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016699.D
 Acq On : 19 Dec 2023 16:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 06:35:24 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	185740	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	268037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	226617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	107602	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	76169	49.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.160%
35) Dibromofluoromethane	7.734	113	79364	50.274	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.540%
50) Toluene-d8	10.191	98	293005	51.250	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.495	95	81456	50.109	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	62627	47.500	ug/l	99
3) Chloromethane	2.125	50	114567	48.546	ug/l	99
4) Vinyl Chloride	2.266	62	160357	44.702	ug/l	99
5) Bromomethane	2.668	94	133014	42.735	ug/l	100
6) Chloroethane	2.814	64	115489	43.011	ug/l	95
7) Trichlorofluoromethane	3.143	101	140084	44.553	ug/l	97
8) Diethyl Ether	3.546	74	39158	46.525	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	79975	46.882	ug/l	97
10) Methyl Iodide	4.113	142	96221	49.669	ug/l	99
11) Tert butyl alcohol	4.972	59	23145	239.141	ug/l	100
12) 1,1-Dichloroethene	3.893	96	71689	46.335	ug/l	98
13) Acrolein	3.747	56	18635	238.540	ug/l	100
14) Allyl chloride	4.497	41	90298	46.741	ug/l	86
15) Acrylonitrile	5.180	53	79219	235.099	ug/l	97
16) Acetone	3.966	43	74057	239.496	ug/l	98
17) Carbon Disulfide	4.216	76	199036	48.068	ug/l	100
18) Methyl Acetate	4.497	43	65260	49.024	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	184875	49.465	ug/l	95
20) Methylene Chloride	4.735	84	83217	49.635	ug/l	95
21) trans-1,2-Dichloroethene	5.241	96	82373	47.076	ug/l	97
22) Diisopropyl ether	6.131	45	216196	48.894	ug/l	94
23) Vinyl Acetate	6.076	43	525949	243.250	ug/l	99
24) 1,1-Dichloroethane	6.033	63	141823	46.575	ug/l	99
25) 2-Butanone	7.003	43	102340	245.917	ug/l	99
26) 2,2-Dichloropropane	6.996	77	132976	48.086	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	93876	47.466	ug/l	93
28) Bromochloromethane	7.350	49	61575	55.686	ug/l	93
29) Tetrahydrofuran	7.362	42	60278	242.340	ug/l	98
30) Chloroform	7.521	83	153940	47.120	ug/l	100
31) Cyclohexane	7.795	56	113820	45.264	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	139372	48.044	ug/l	97
36) 1,1-Dichloropropene	7.929	75	116357	48.727	ug/l	98
37) Ethyl Acetate	7.088	43	44001	48.110	ug/l	96
38) Carbon Tetrachloride	7.917	117	123749	48.029	ug/l	99
39) Methylcyclohexane	9.197	83	138573	50.403	ug/l	98
40) Benzene	8.173	78	331041	48.251	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	21071	43.380	ug/l	93
42) 1,2-Dichloroethane	8.246	62	94694	48.776	ug/l	95
43) Isopropyl Acetate	8.283	43	86387	49.178	ug/l	97
44) Trichloroethene	8.953	130	92467	48.974	ug/l	96
45) 1,2-Dichloropropane	9.228	63	78952	48.146	ug/l	97
46) Dibromomethane	9.319	93	46421	50.129	ug/l	96
47) Bromodichloromethane	9.508	83	117240	48.489	ug/l	99
48) Methyl methacrylate	9.301	41	47367	49.699	ug/l #	89
49) 1,4-Dioxane	9.313	88	7784	912.967	ug/l #	91
51) 4-Methyl-2-Pentanone	10.081	43	230901	256.101	ug/l	96
52) Toluene	10.258	92	206569	49.209	ug/l	96
53) t-1,3-Dichloropropene	10.478	75	107654	49.726	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	128464	50.079	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	62450	48.820	ug/l	98
56) Ethyl methacrylate	10.520	69	54140	52.011	ug/l #	89
57) 1,3-Dichloropropane	10.801	76	105517	49.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	156905	220.954	ug/l	97
59) 2-Hexanone	10.843	43	160752	244.721	ug/l	95
60) Dibromochloromethane	10.996	129	77738	50.052	ug/l	98
61) 1,2-Dibromoethane	11.099	107	57596	49.993	ug/l	99
64) Tetrachloroethene	10.734	164	77769	49.751	ug/l	95
65) Chlorobenzene	11.526	112	224518	50.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	86448	49.722	ug/l	98
67) Ethyl Benzene	11.605	91	402394	50.190	ug/l	99
68) m/p-Xylenes	11.715	106	309186	101.736	ug/l	99
69) o-Xylene	12.044	106	141056	50.807	ug/l	99
70) Styrene	12.057	104	206027	51.394	ug/l	99
71) Bromoform	12.221	173	45889	50.959	ug/l #	100
73) Isopropylbenzene	12.343	105	386208	51.910	ug/l	99
74) N-amyl acetate	12.154	43	70953	52.705	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.593	83	68671	49.605	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	84003	89.810	ug/l #	100
77) Bromobenzene	12.623	156	89053	49.643	ug/l	98
78) n-propylbenzene	12.684	91	450684	51.096	ug/l	99
79) 2-Chlorotoluene	12.770	91	235369	49.818	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	304173	52.173	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	20467	50.206	ug/l	88
82) 4-Chlorotoluene	12.867	91	244197	49.984	ug/l	97
83) tert-Butylbenzene	13.087	119	267529	50.996	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	301344	51.566	ug/l	98
85) sec-Butylbenzene	13.270	105	388070	51.295	ug/l	100
86) p-Isopropyltoluene	13.386	119	347331	52.513	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	178931	50.405	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	171416	50.404	ug/l	99
89) n-Butylbenzene	13.709	91	319740	52.882	ug/l	98
90) Hexachloroethane	13.977	117	67066	50.878	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	149065	51.113	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8686	47.854	ug/l	99
93) 1,2,4-Trichlorobenzene	15.025	180	93841	53.830	ug/l	98
94) Hexachlorobutadiene	15.129	225	58370	52.977	ug/l	98
95) Naphthalene	15.251	128	152138	54.519	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	79104	53.649	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Dec 20 05:26:40 2023
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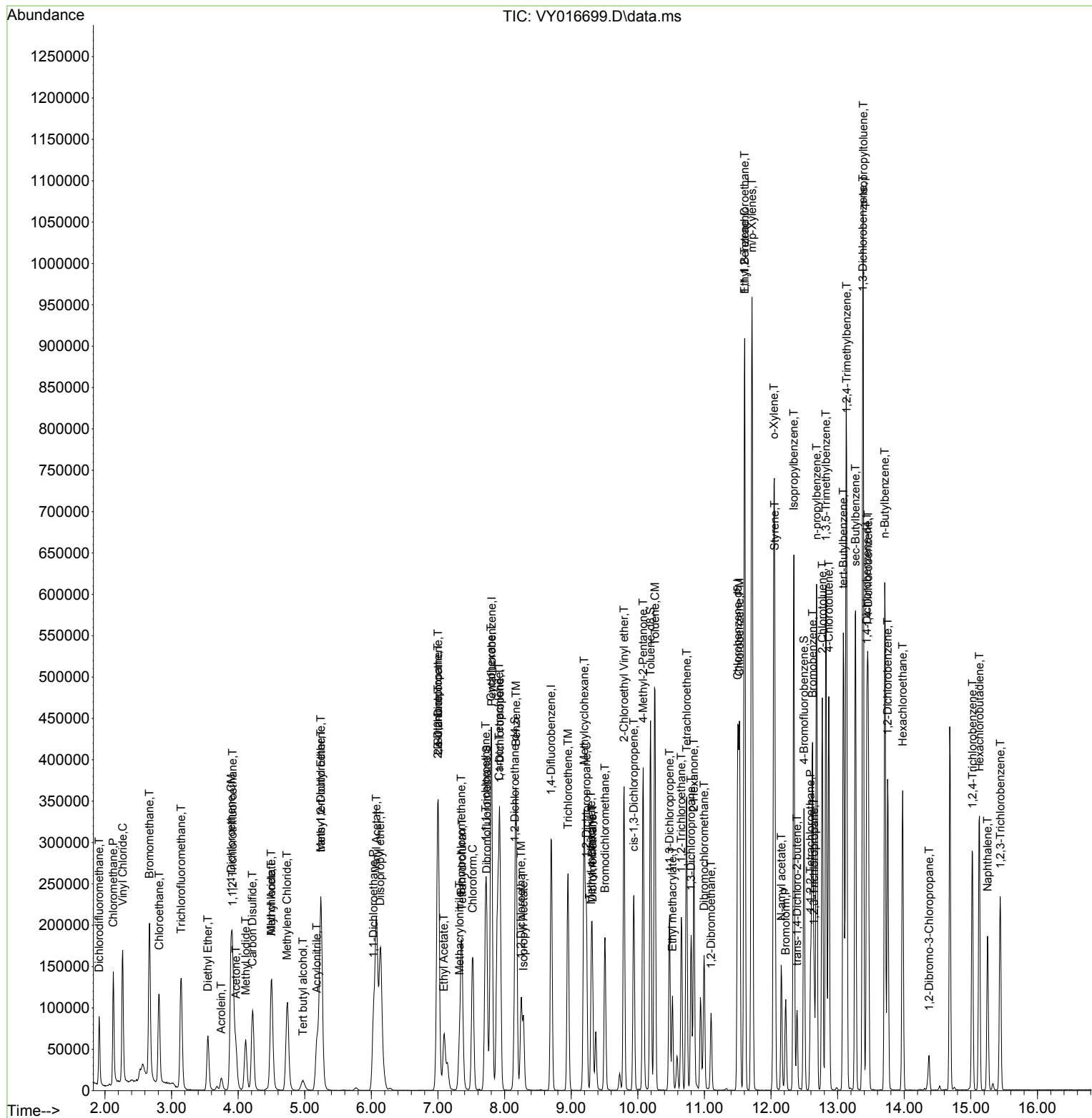
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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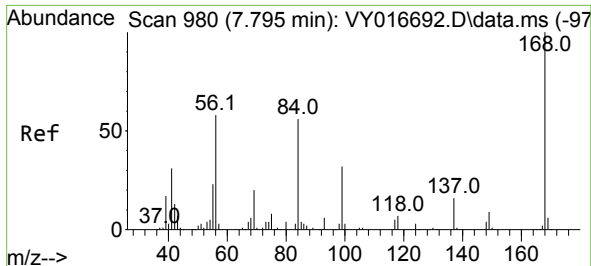
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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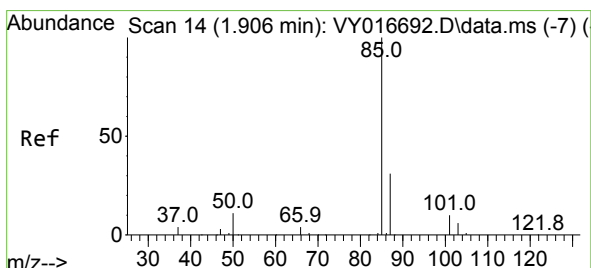
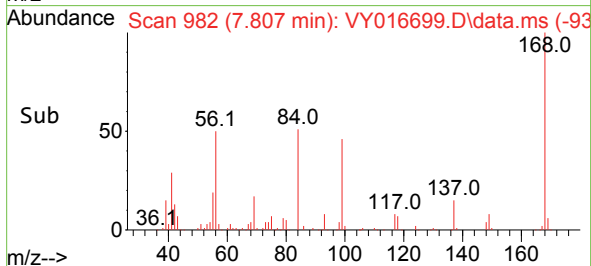
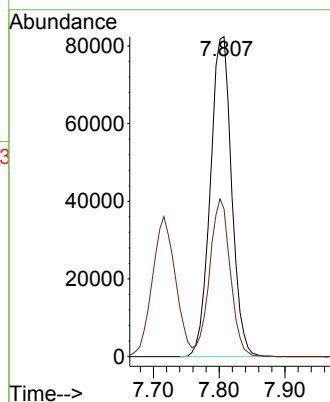
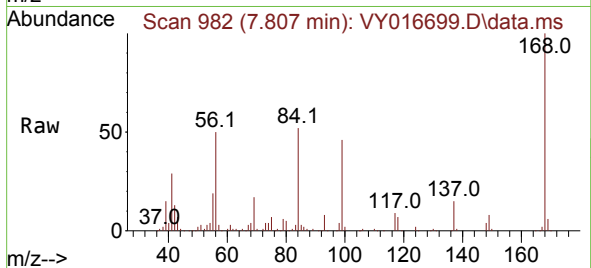




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016699.D
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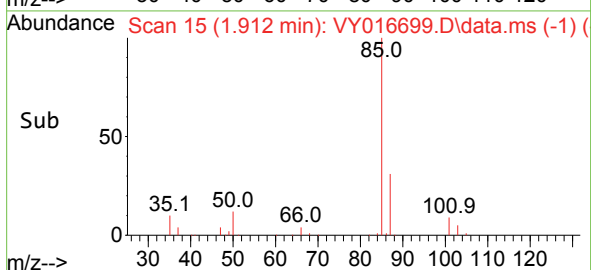
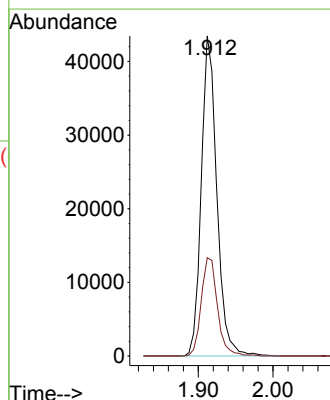
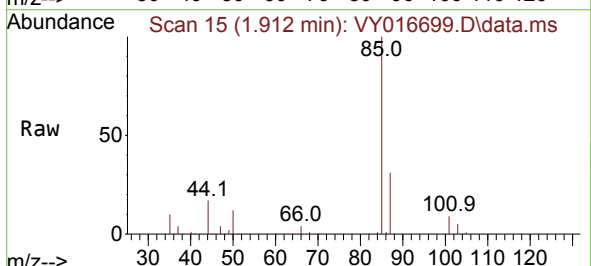
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ClientSampleId :

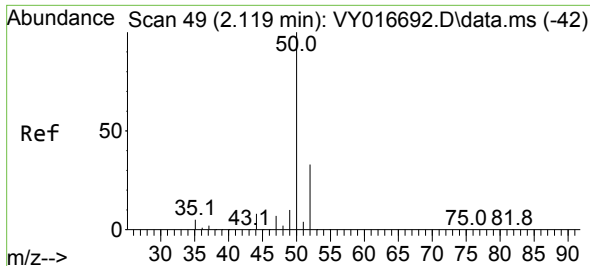
Tgt Ion:168 Resp: 185740
Ion Ratio Lower Upper
168 100
99 46.2 40.2 60.4



#2
Dichlorodifluoromethane
Concen: 47.500 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 85 Resp: 62627
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.8

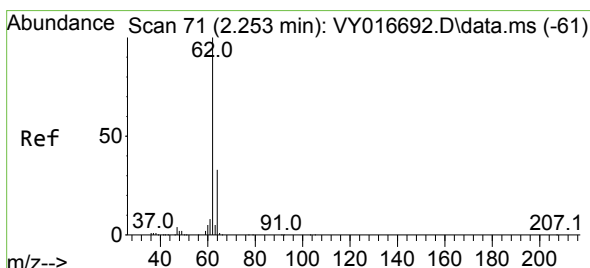
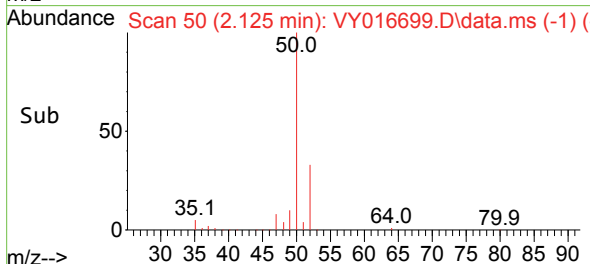
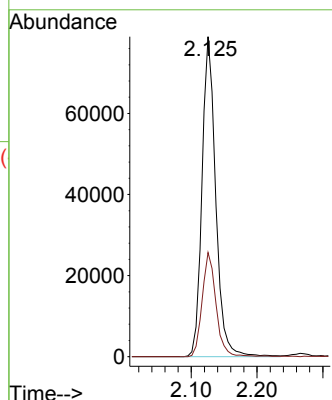
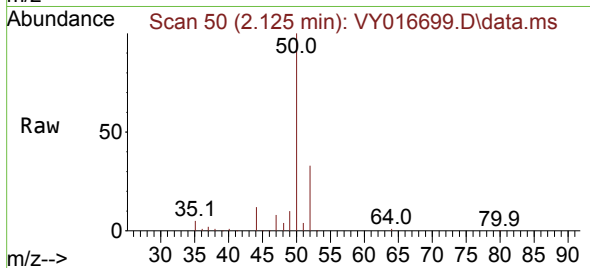




#3
Chloromethane
Concen: 48.546 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

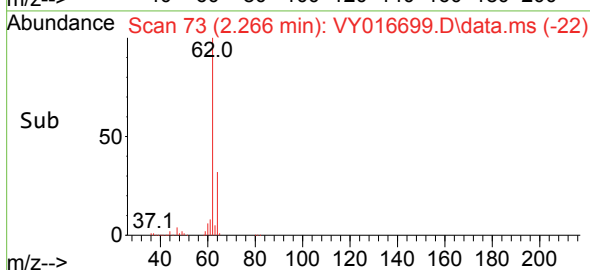
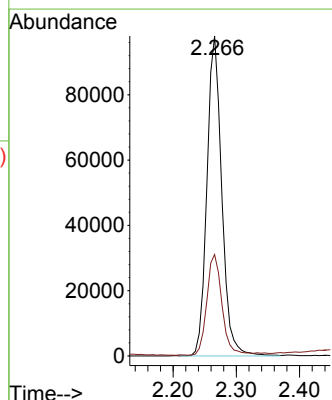
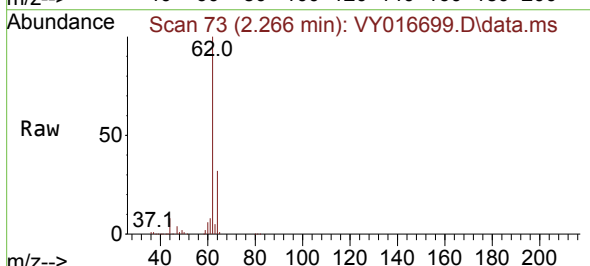
Instrument :
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ClientSampleId :

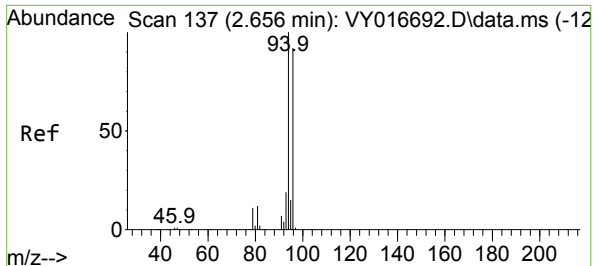
Tgt Ion: 50 Resp: 114567
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0



#4
Vinyl Chloride
Concen: 44.702 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 62 Resp: 160357
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.2

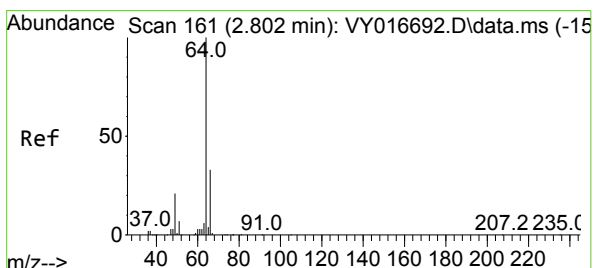
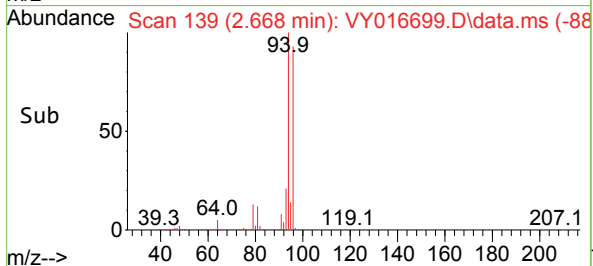
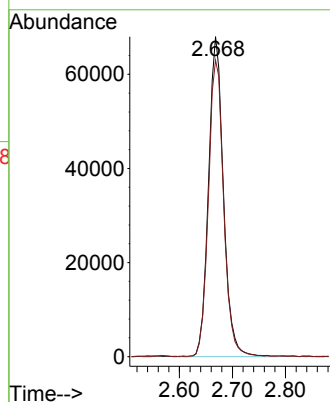
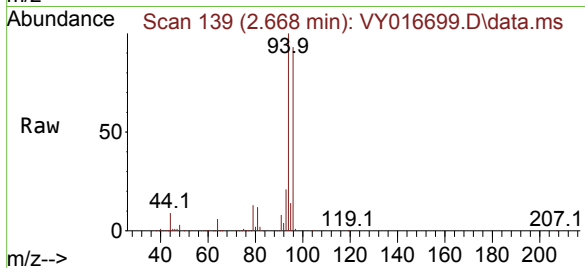




#5
Bromomethane
Concen: 42.735 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016699.D
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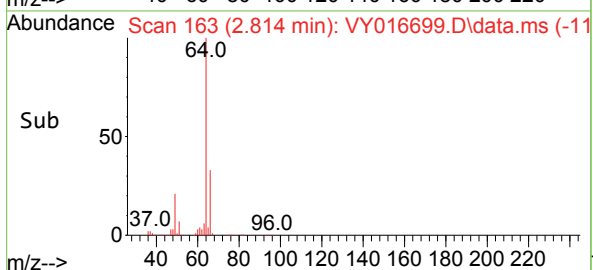
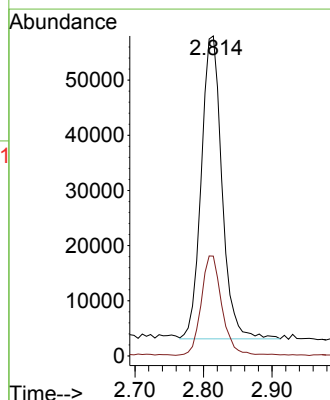
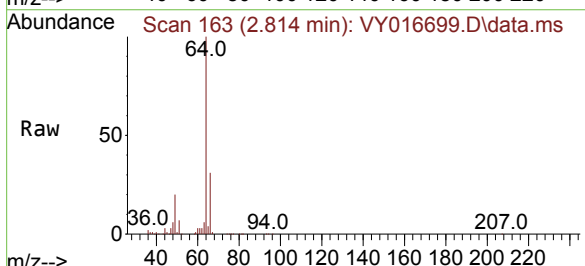
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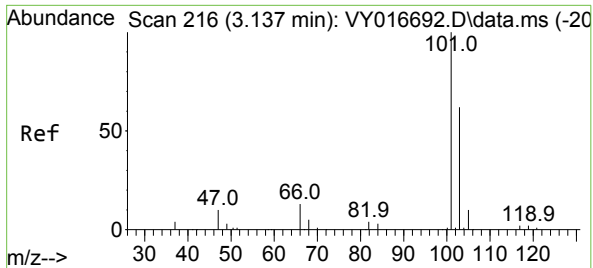
Tgt Ion: 94 Resp: 133014
Ion Ratio Lower Upper
94 100
96 92.5 74.0 111.0



#6
Chloroethane
Concen: 43.011 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016699.D
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Tgt Ion: 64 Resp: 115489
Ion Ratio Lower Upper
64 100
66 32.6 24.0 36.0

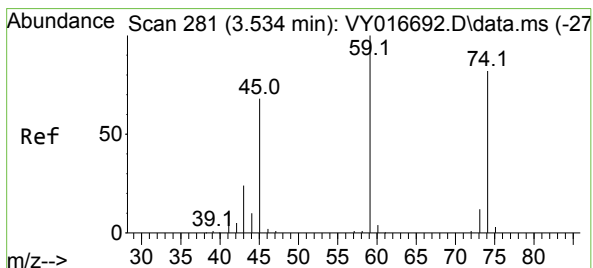
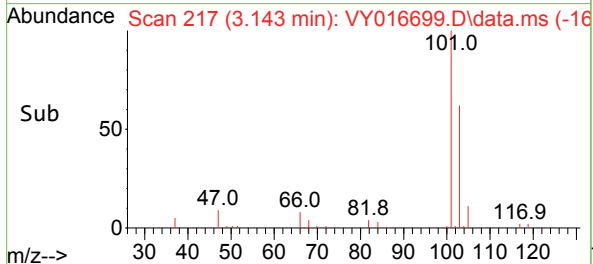
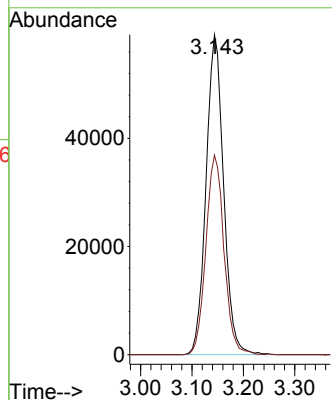
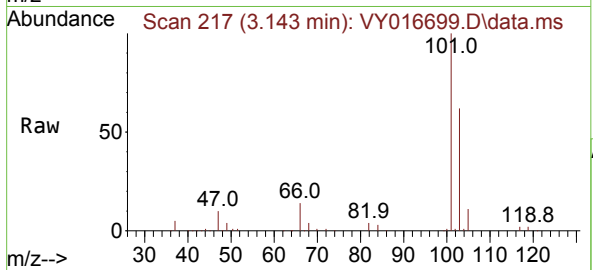




#7
Trichlorofluoromethane
Concen: 44.553 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

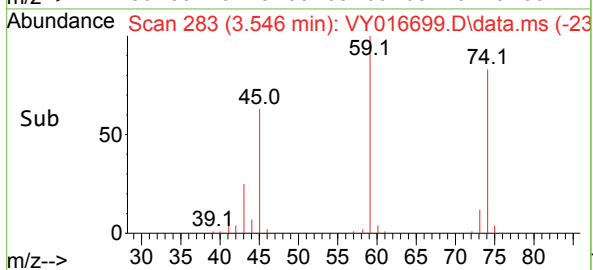
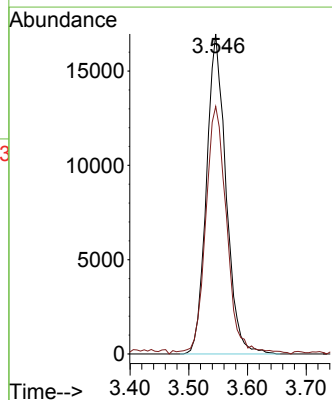
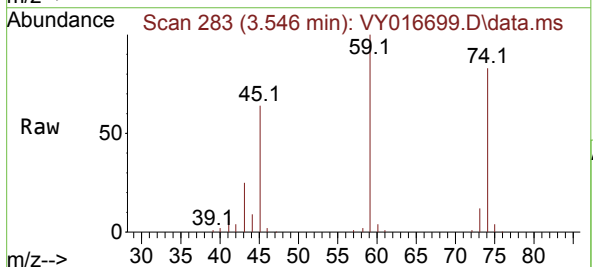
Instrument :
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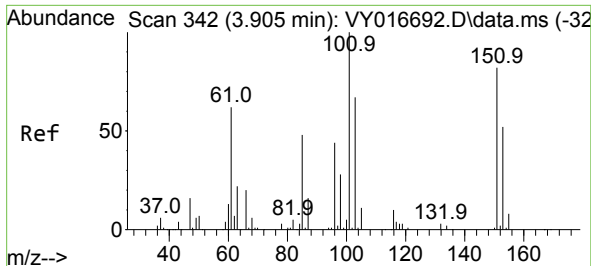
Tgt Ion:101 Resp: 140084
Ion Ratio Lower Upper
101 100
103 62.3 51.7 77.5



#8
Diethyl Ether
Concen: 46.525 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.012 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 74 Resp: 39158
Ion Ratio Lower Upper
74 100
45 84.0 44.3 132.9

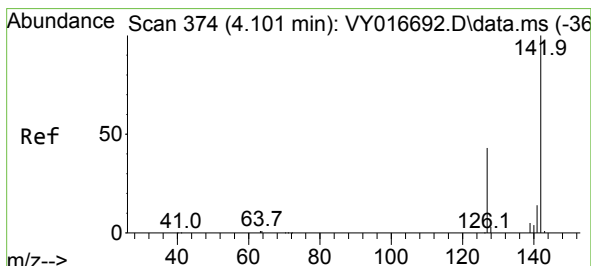
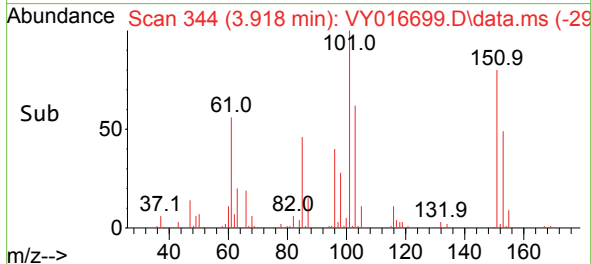
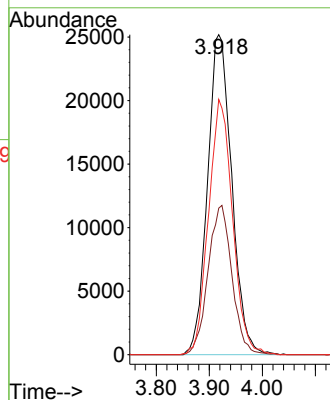
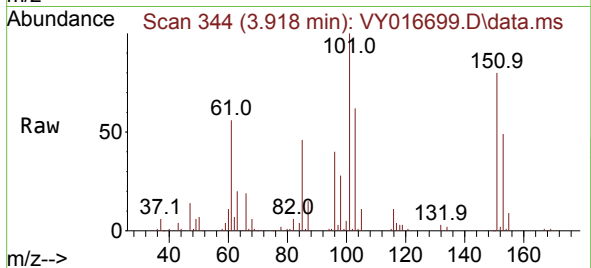




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.882 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

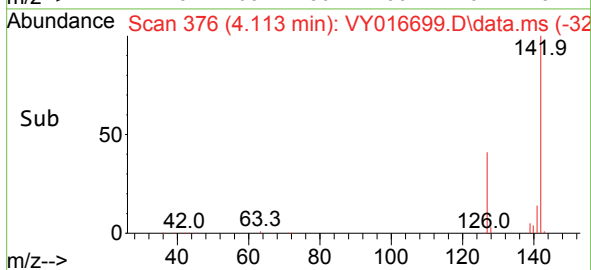
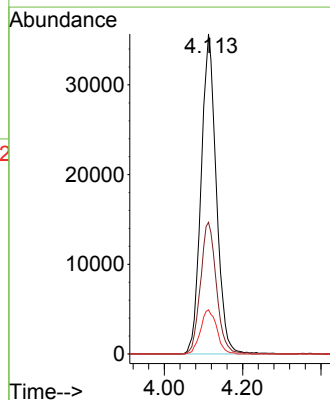
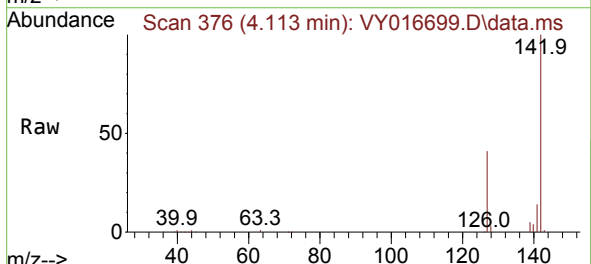
Instrument :
MSVOA_Y
ClientSampleId :

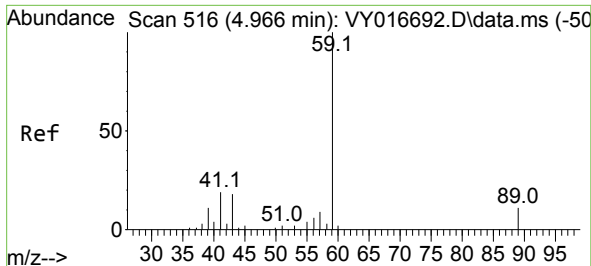
Tgt Ion:101 Resp: 79975
Ion Ratio Lower Upper
101 100
85 46.0 35.0 52.4
151 79.1 61.0 91.4



#10
Methyl Iodide
Concen: 49.669 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion:142 Resp: 96221
Ion Ratio Lower Upper
142 100
127 43.1 33.6 50.4
141 14.8 12.0 18.0

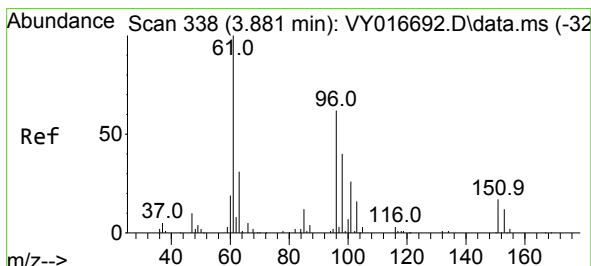
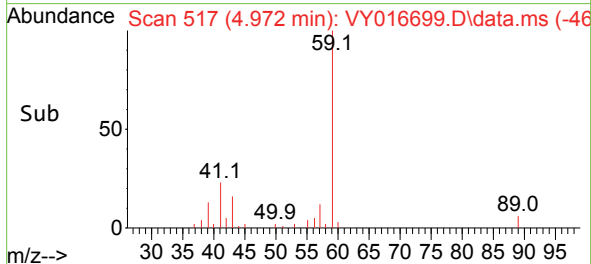
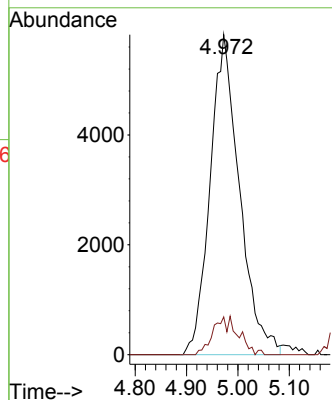
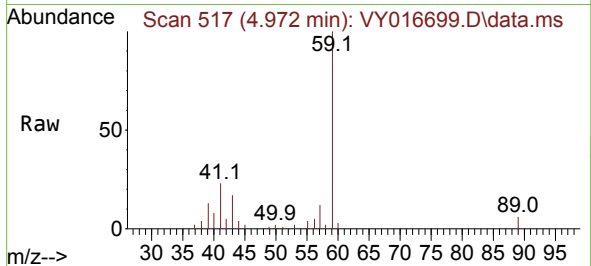




#11
Tert butyl alcohol
Concen: 239.141 ug/l
RT: 4.972 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

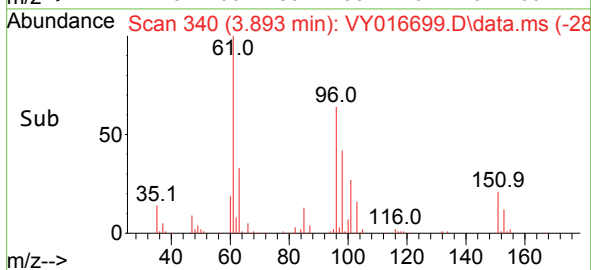
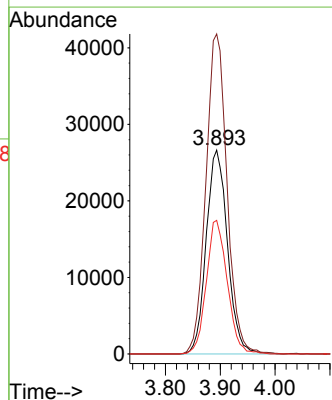
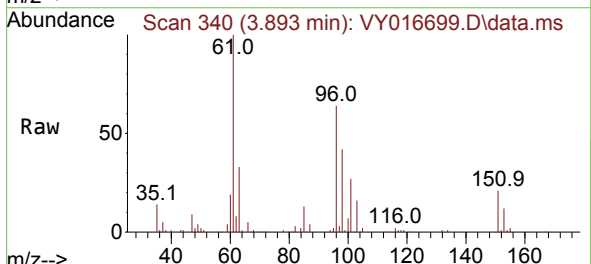
Instrument :
MSVOA_Y
ClientSampleId :

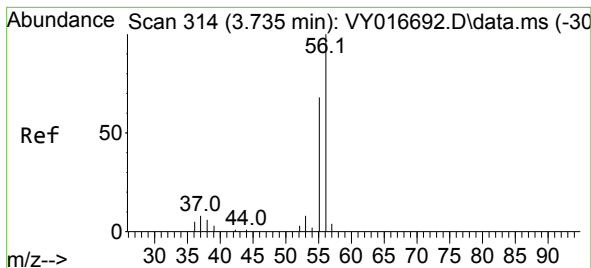
Tgt Ion: 59 Resp: 23145
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9



#12
1,1-Dichloroethene
Concen: 46.335 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 96 Resp: 71689
Ion Ratio Lower Upper
96 100
61 156.9 123.9 185.9
98 65.5 50.1 75.1





#13

Acrolein

Concen: 238.540 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

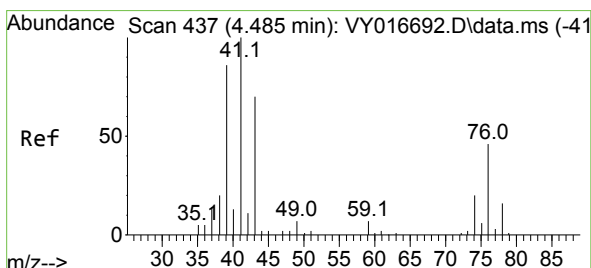
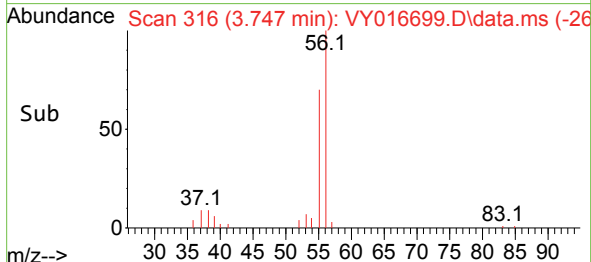
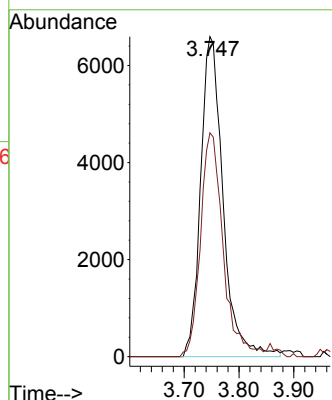
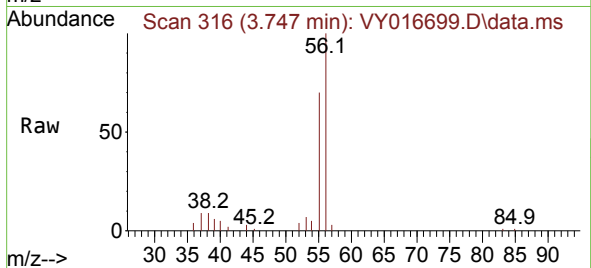
ClientSampleId :

Tgt Ion: 56 Resp: 18635

Ion Ratio Lower Upper

56 100

55 70.6 56.5 84.7



#14

Allyl chloride

Concen: 46.741 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

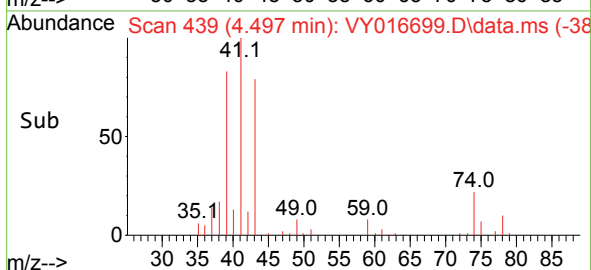
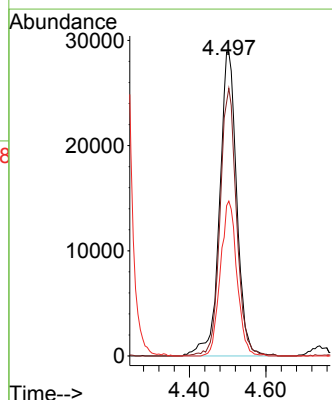
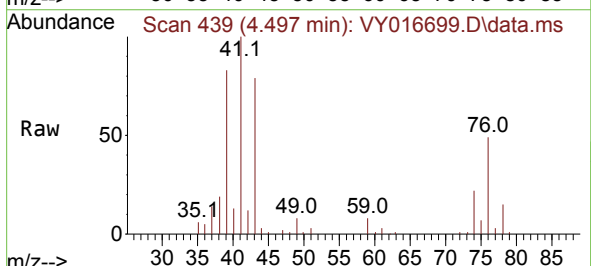
Tgt Ion: 41 Resp: 90298

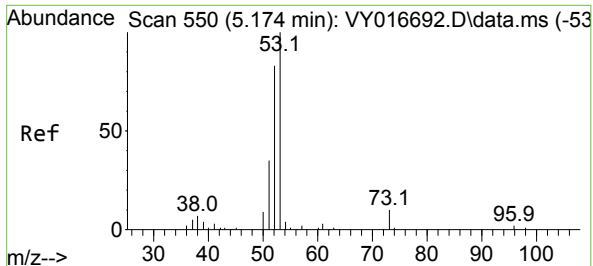
Ion Ratio Lower Upper

41 100

39 84.3 56.4 84.6

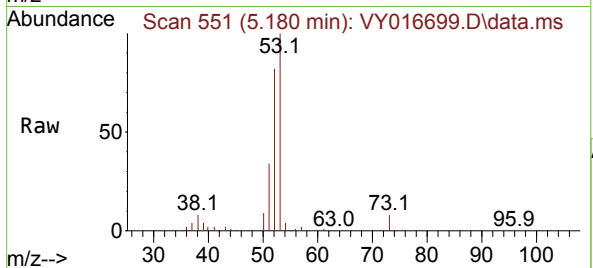
76 49.0 34.3 51.5



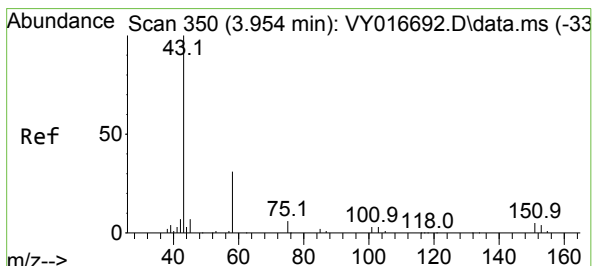
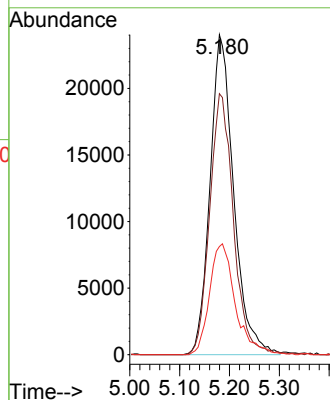
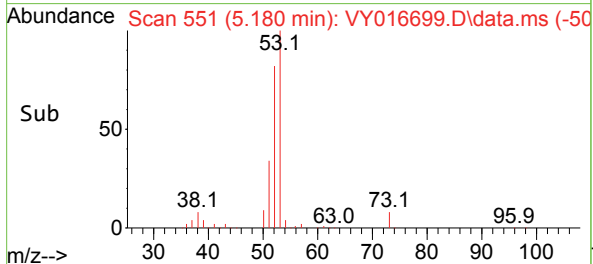


#15
Acrylonitrile
Concen: 235.099 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Instrument :
MSVOA_Y
ClientSampleId :

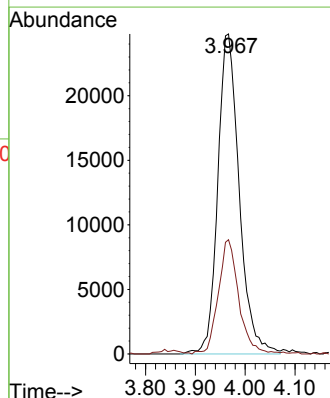
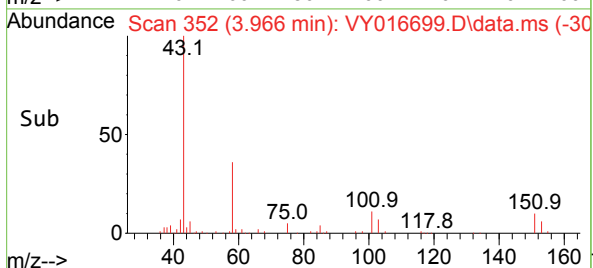
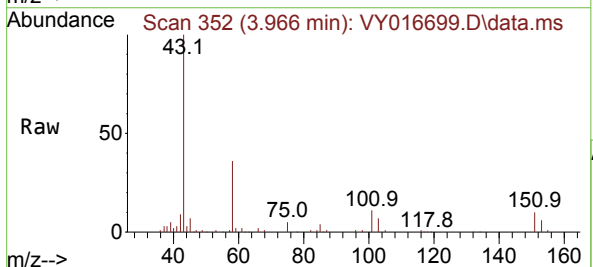


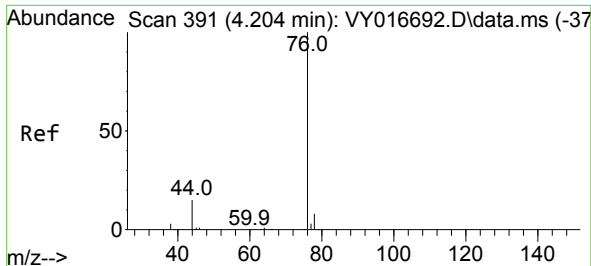
Tgt Ion: 53 Resp: 79219
Ion Ratio Lower Upper
53 100
52 82.0 64.3 96.5
51 37.9 28.3 42.5



#16
Acetone
Concen: 239.496 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 43 Resp: 74057
Ion Ratio Lower Upper
43 100
58 35.3 29.0 43.4





#17

Carbon Disulfide

Concen: 48.068 ug/l

RT: 4.216 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

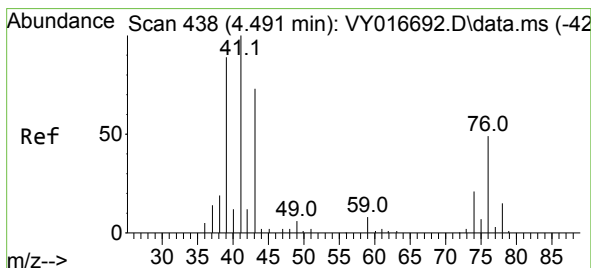
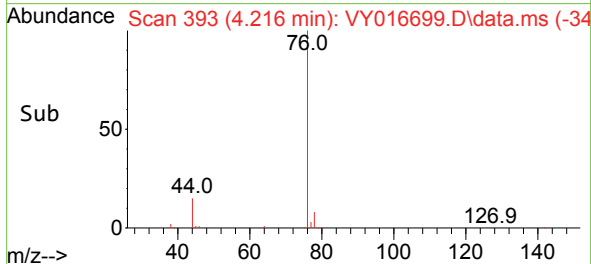
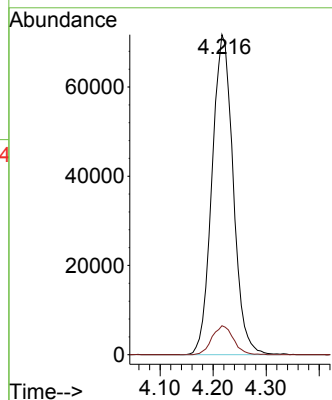
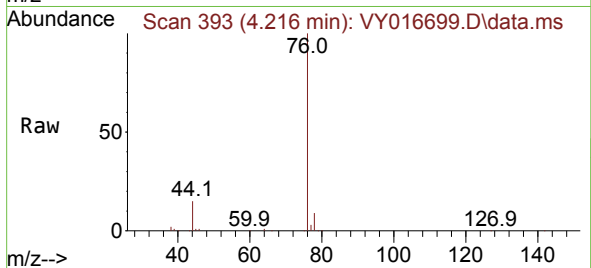
ClientSampleId :

Tgt Ion: 76 Resp: 199036

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 49.024 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016699.D

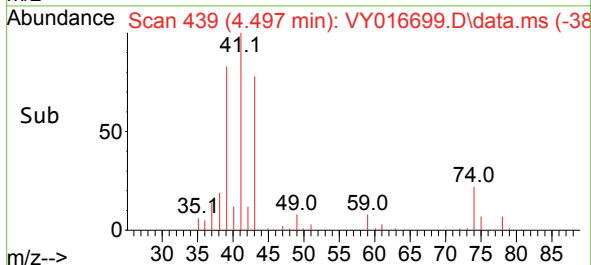
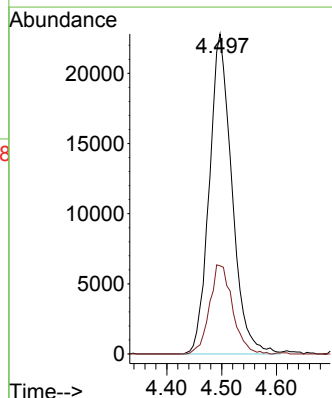
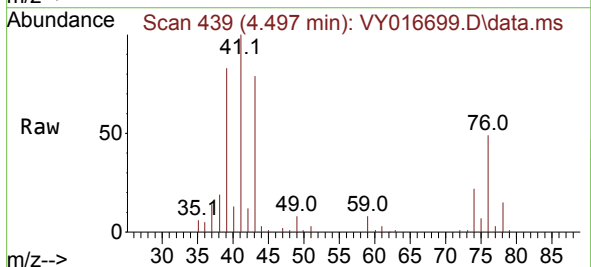
Acq: 19 Dec 2023 16:37

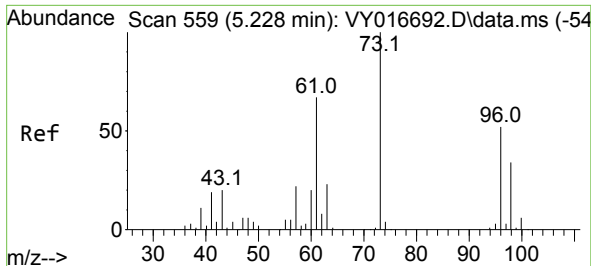
Tgt Ion: 43 Resp: 65260

Ion Ratio Lower Upper

43 100

74 28.3 22.1 33.1

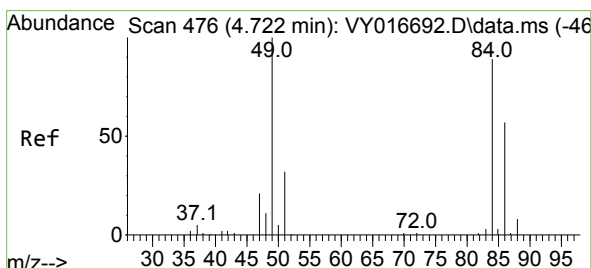
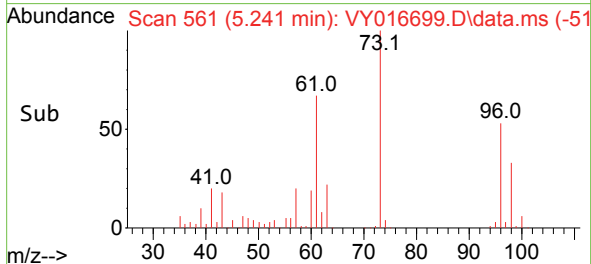
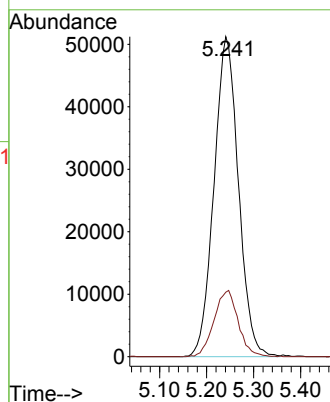
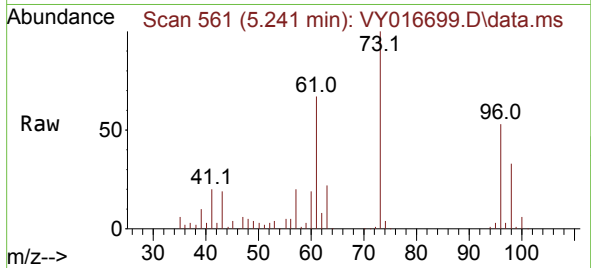




#19
Methyl tert-butyl Ether
Concen: 49.465 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

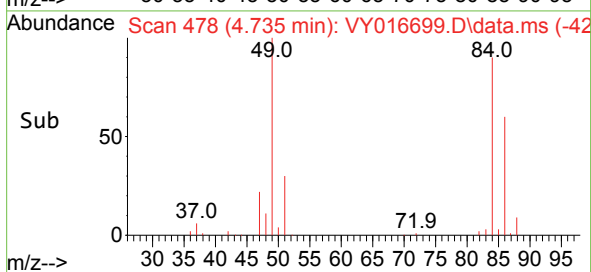
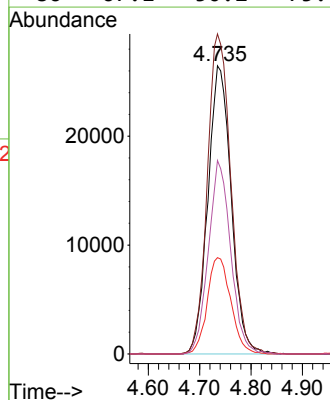
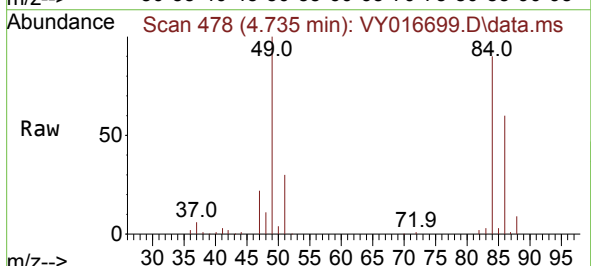
Instrument :
MSVOA_Y
ClientSampleId :

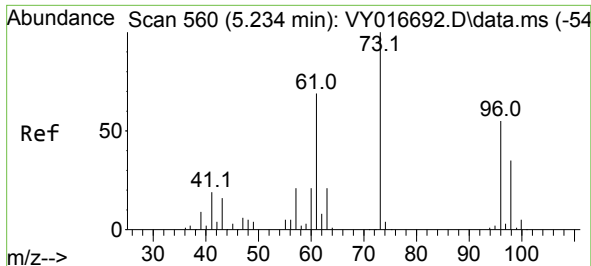
Tgt Ion: 73 Resp: 184875
Ion Ratio Lower Upper
73 100
57 20.2 17.9 26.9



#20
Methylene Chloride
Concen: 49.635 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

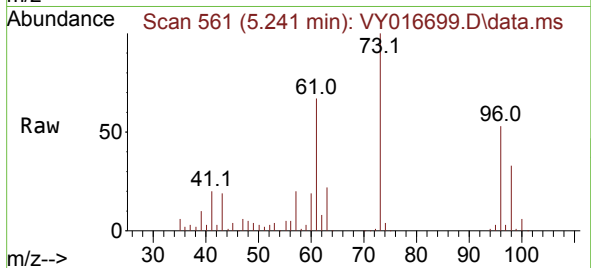
Tgt Ion: 84 Resp: 83217
Ion Ratio Lower Upper
84 100
49 111.1 83.8 125.8
51 33.5 27.2 40.8
86 67.1 50.2 75.4



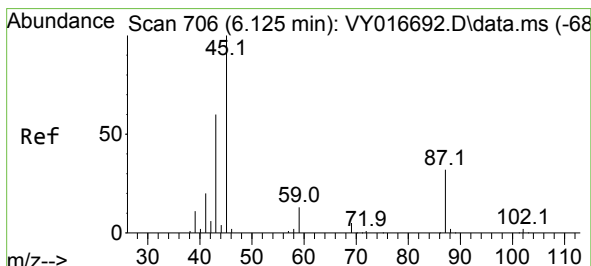
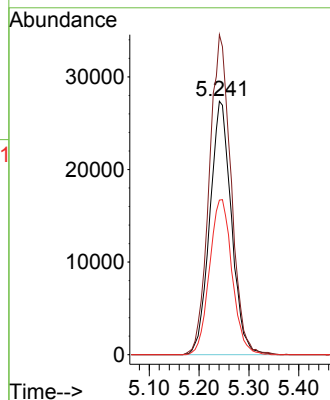
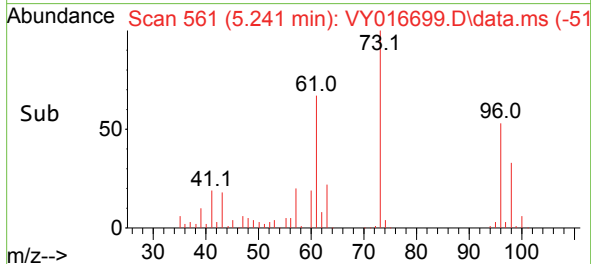


#21
trans-1,2-Dichloroethene
Concen: 47.076 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

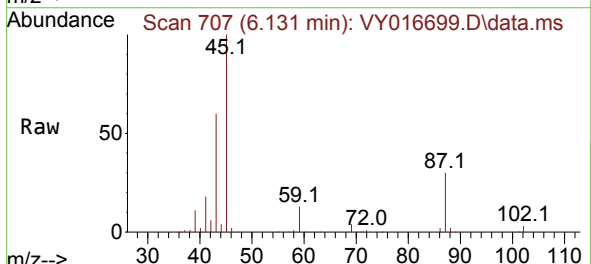
Instrument :
MSVOA_Y
ClientSampleId :



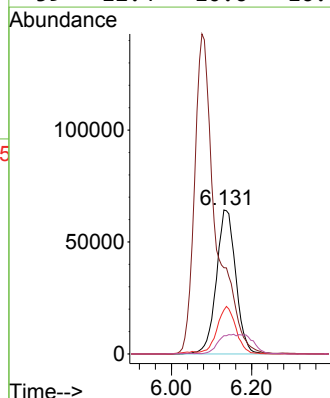
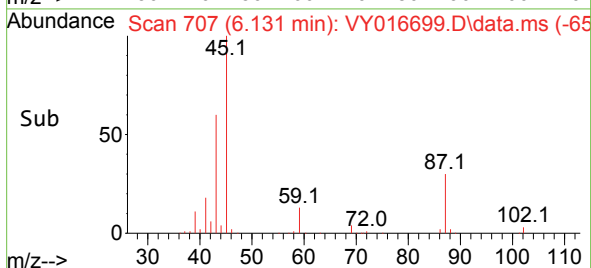
Tgt Ion: 96 Resp: 82373
Ion Ratio Lower Upper
96 100
61 126.2 100.0 150.0
98 61.0 52.2 78.2

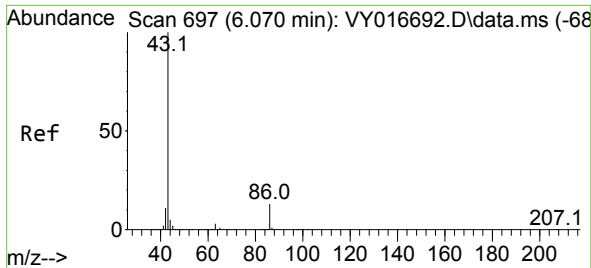


#22
Diisopropyl ether
Concen: 48.894 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37



Tgt Ion: 45 Resp: 216196
Ion Ratio Lower Upper
45 100
43 59.4 42.4 63.6
87 30.4 25.0 37.4
59 12.4 10.6 16.0

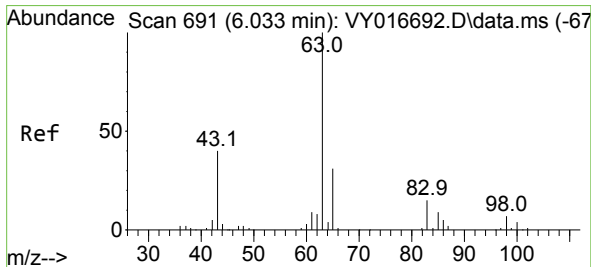
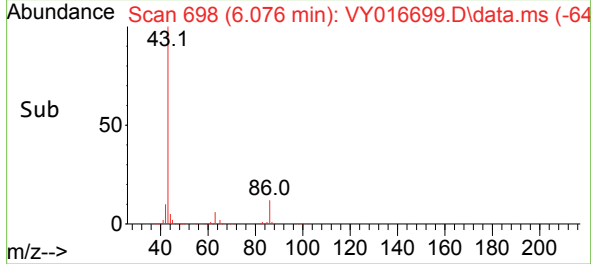
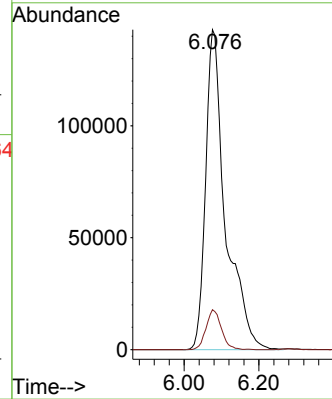
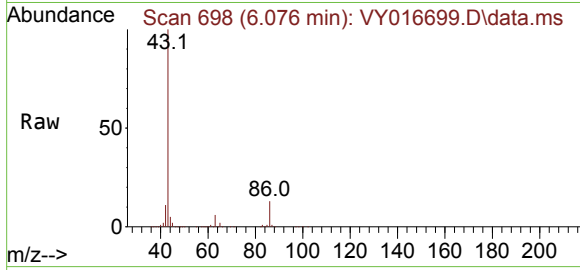




#23
 Vinyl Acetate
 Concen: 243.250 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY016699.D
 Acq: 19 Dec 2023 16:37

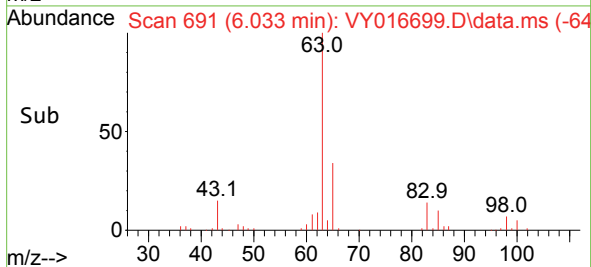
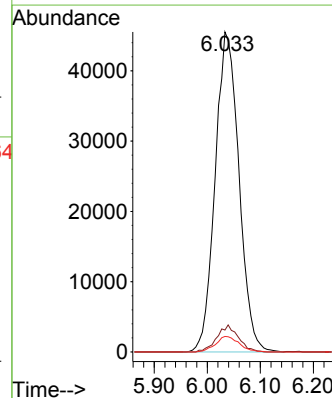
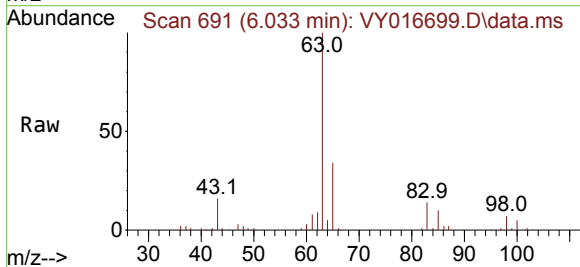
Instrument :
 MSVOA_Y
 ClientSampleId :

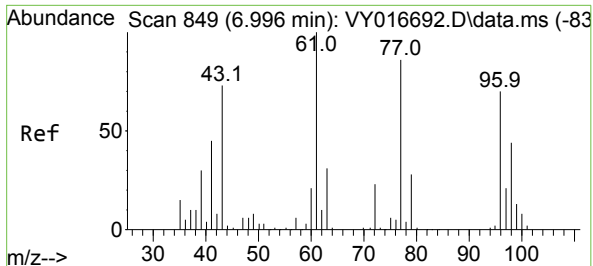
Tgt Ion: 43 Resp: 525949
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 46.575 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016699.D
 Acq: 19 Dec 2023 16:37

Tgt Ion: 63 Resp: 141823
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 245.917 ug/l

RT: 7.003 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

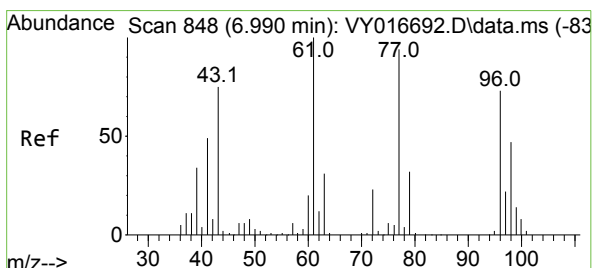
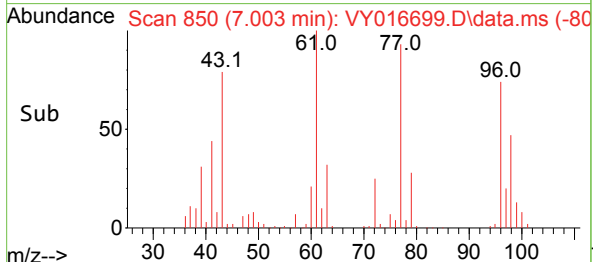
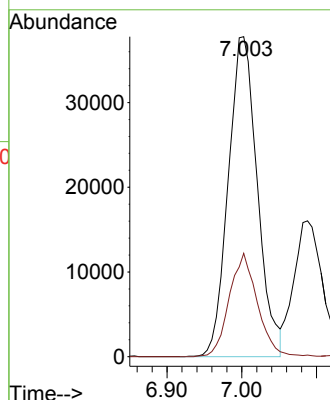
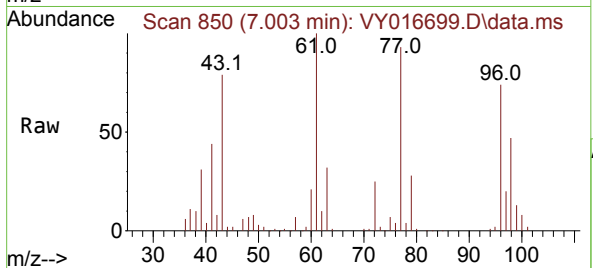
ClientSampleId :

Tgt Ion: 43 Resp: 102340

Ion Ratio Lower Upper

43 100

72 32.3 26.3 39.5



#26

2,2-Dichloropropane

Concen: 48.086 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016699.D

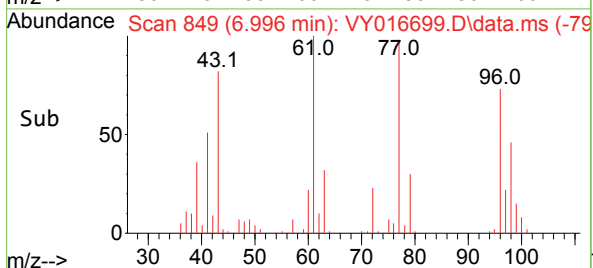
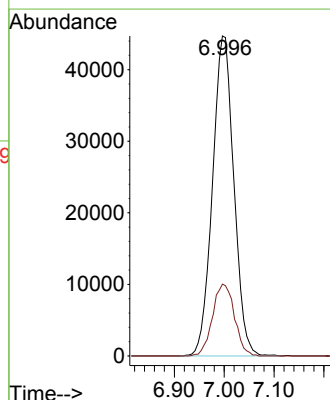
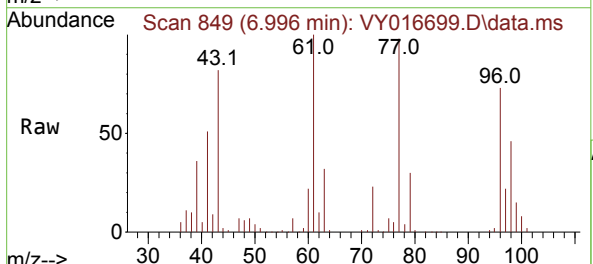
Acq: 19 Dec 2023 16:37

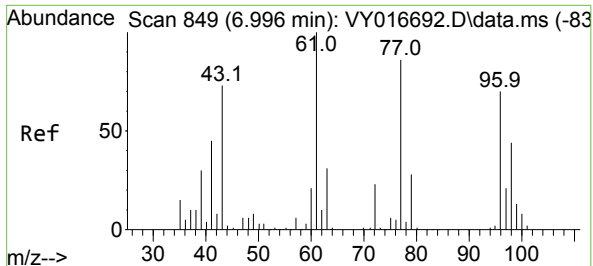
Tgt Ion: 77 Resp: 132976

Ion Ratio Lower Upper

77 100

97 23.1 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 47.466 ug/l

RT: 7.003 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

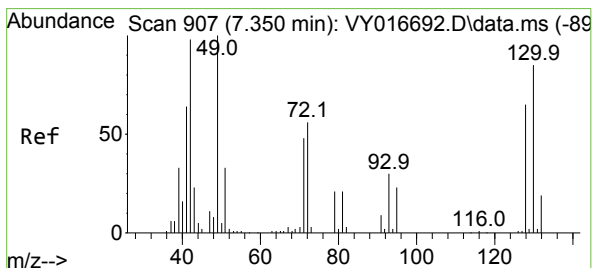
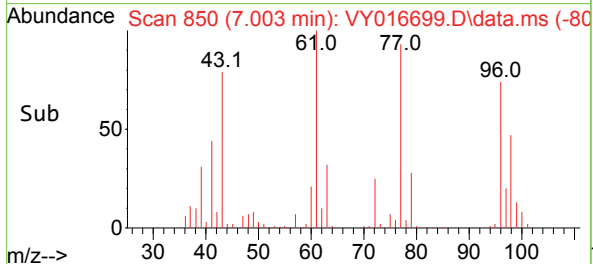
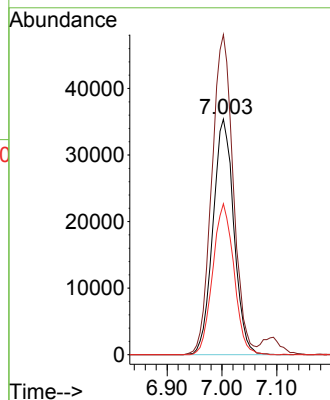
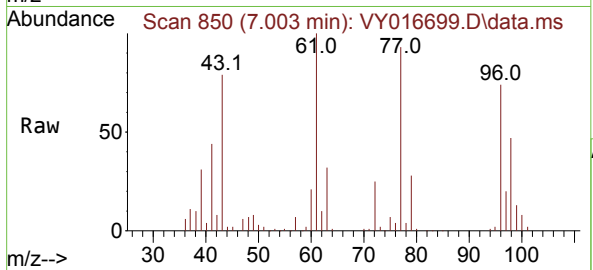
Tgt Ion: 96 Resp: 93876

Ion Ratio Lower Upper

96 100

61 139.2 0.0 255.8

98 64.8 0.0 129.2



#28

Bromochloromethane

Concen: 55.686 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

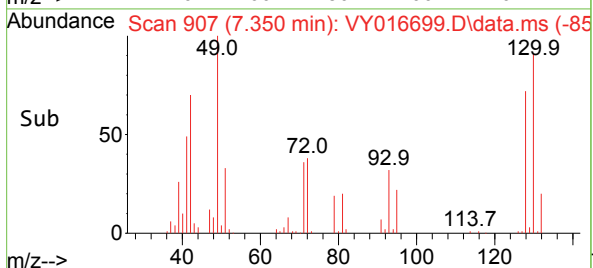
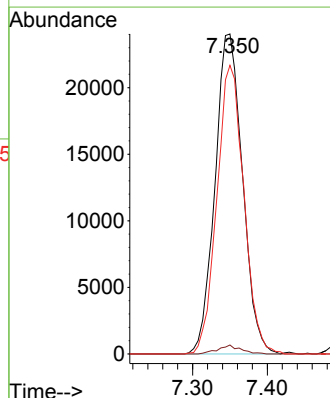
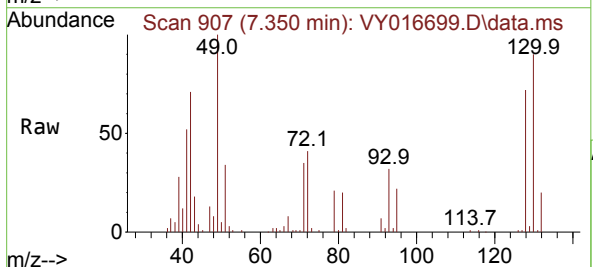
Tgt Ion: 49 Resp: 61575

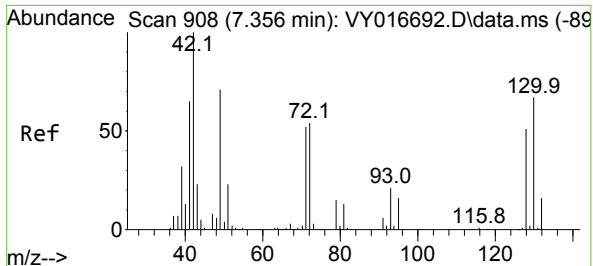
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

130 88.2 75.9 113.9





#29

Tetrahydrofuran

Concen: 242.340 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

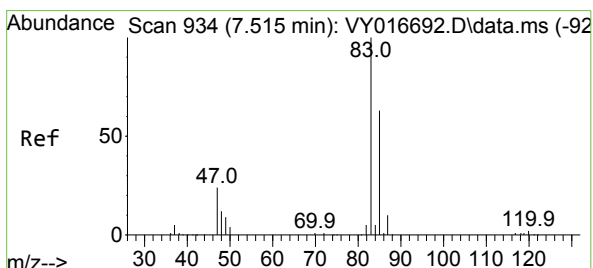
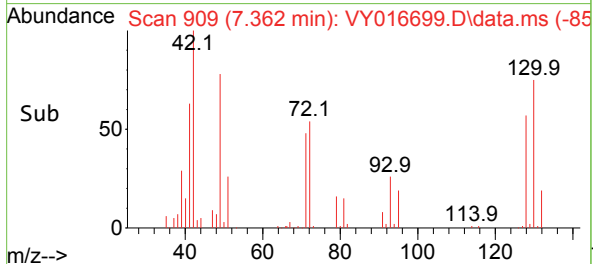
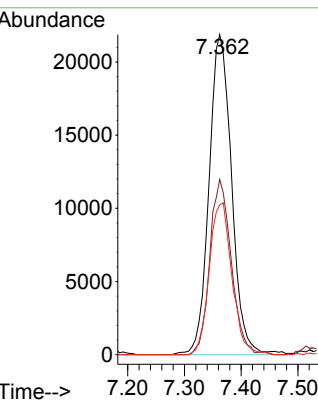
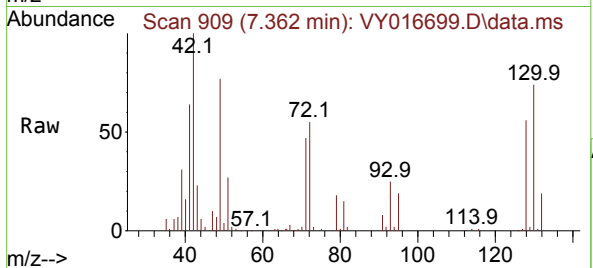
Tgt Ion: 42 Resp: 60278

Ion Ratio Lower Upper

42 100

72 52.0 40.3 60.5

71 47.8 38.9 58.3



#30

Chloroform

Concen: 47.120 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016699.D

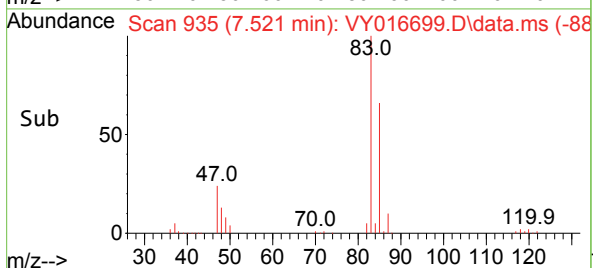
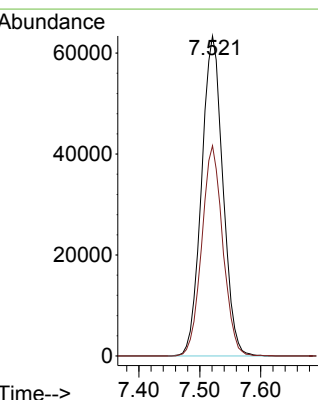
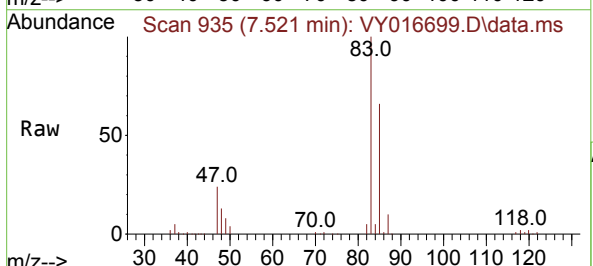
Acq: 19 Dec 2023 16:37

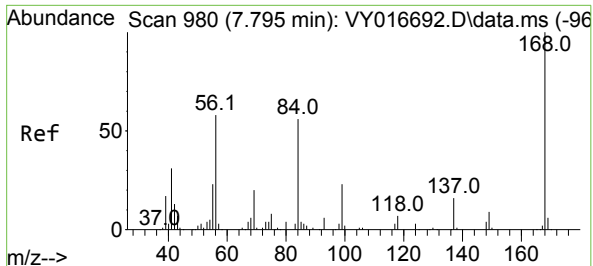
Tgt Ion: 83 Resp: 153940

Ion Ratio Lower Upper

83 100

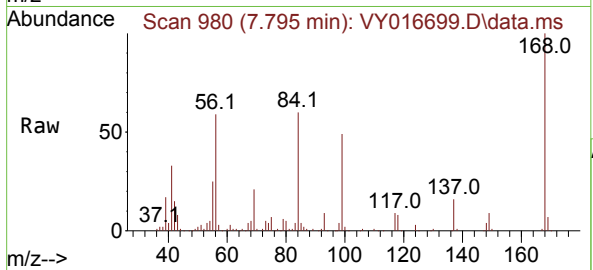
85 65.7 52.6 78.8



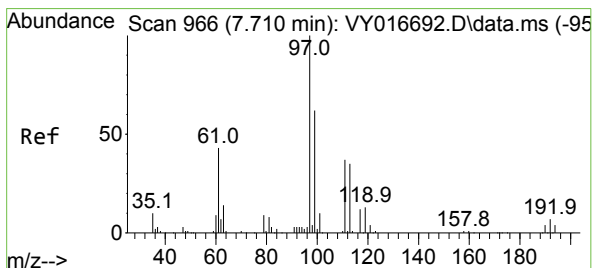
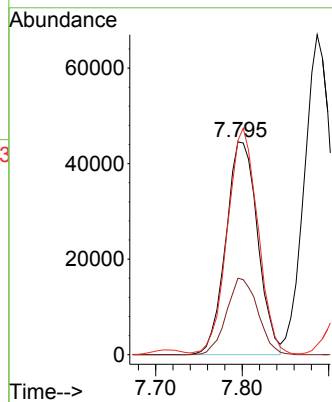
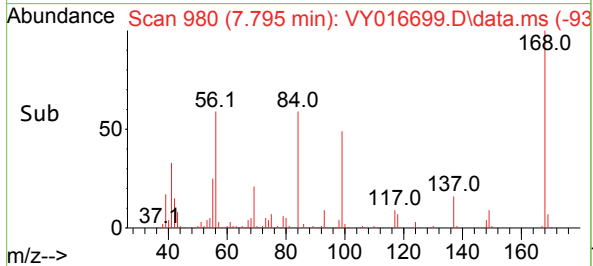


#31
Cyclohexane
Concen: 45.264 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Instrument :
MSVOA_Y
ClientSampleId :

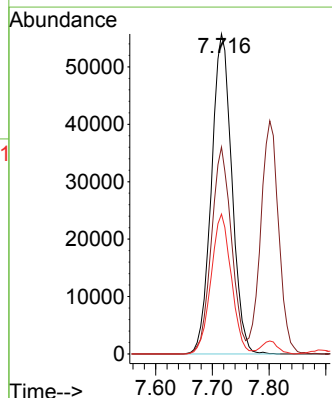
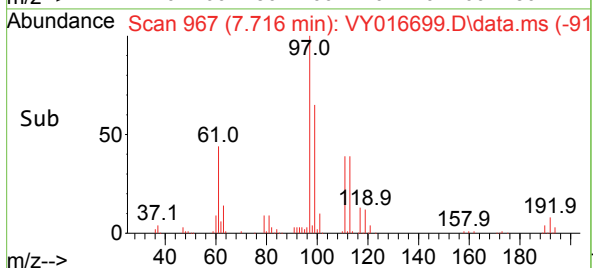
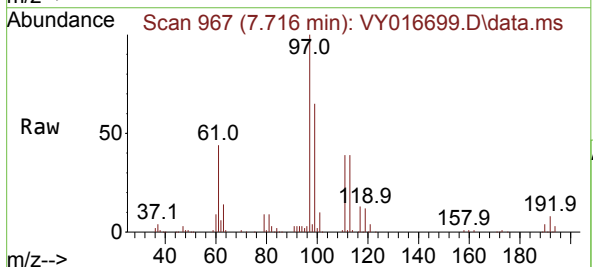


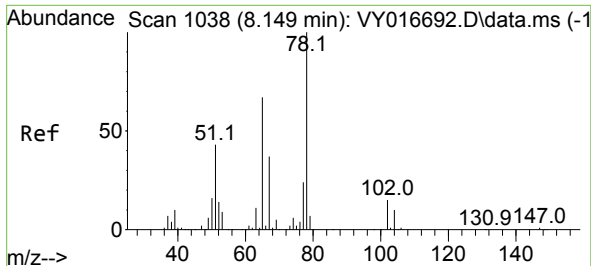
Tgt Ion: 56 Resp: 113820
Ion Ratio Lower Upper
56 100
69 35.9 27.5 41.3
84 99.2 78.1 117.1



#32
1,1,1-Trichloroethane
Concen: 48.044 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 97 Resp: 139372
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 43.5 31.6 47.4

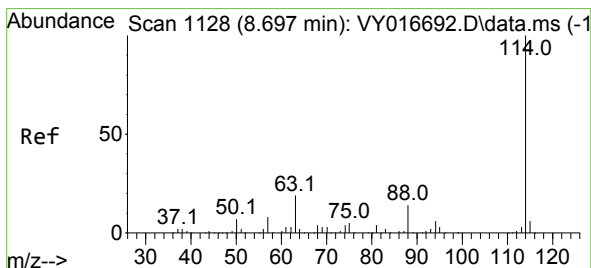
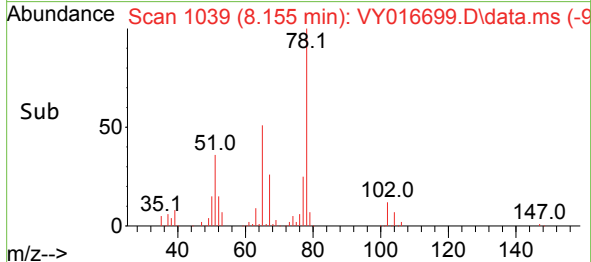
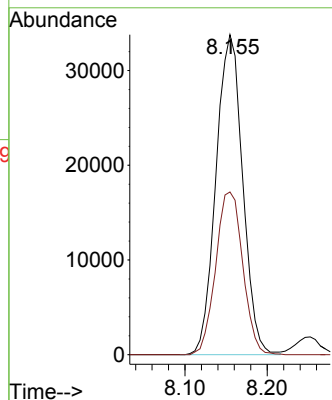
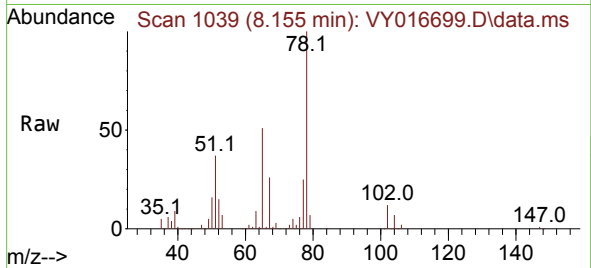




#33
1,2-Dichloroethane-d4
Concen: 49.579 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

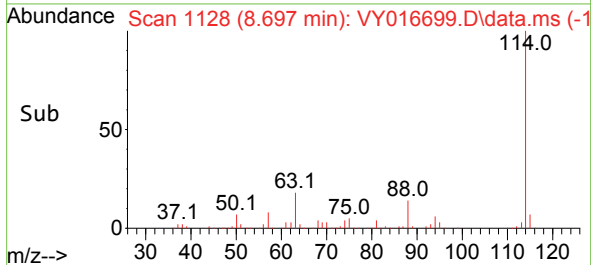
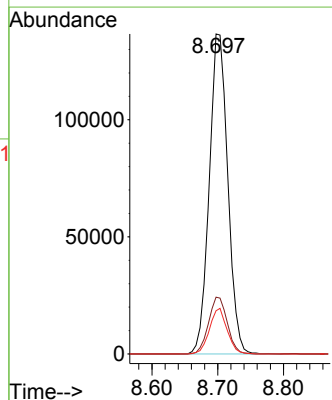
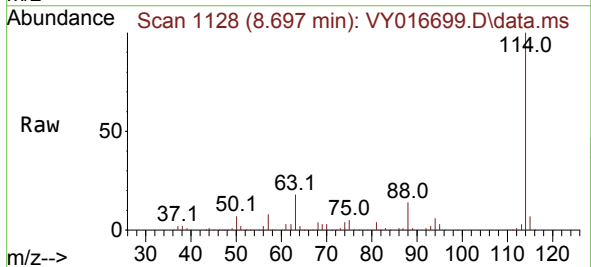
Instrument :
MSVOA_Y
ClientSampleId :

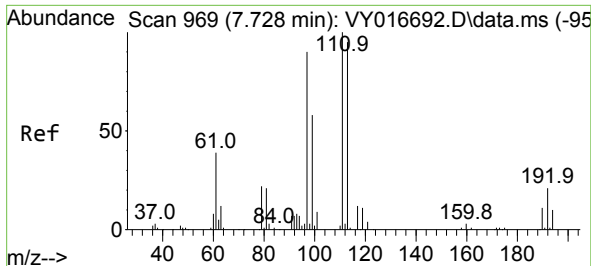
Tgt Ion: 65 Resp: 76169
Ion Ratio Lower Upper
65 100
67 51.5 0.0 108.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 114 Resp: 268037
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.0
88 13.5 0.0 29.2

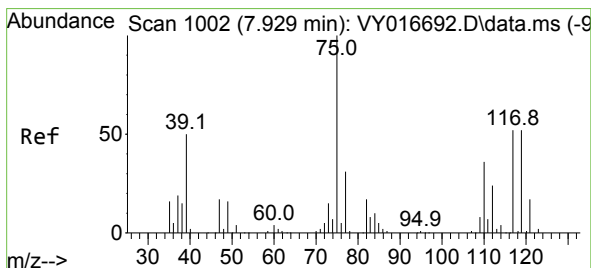
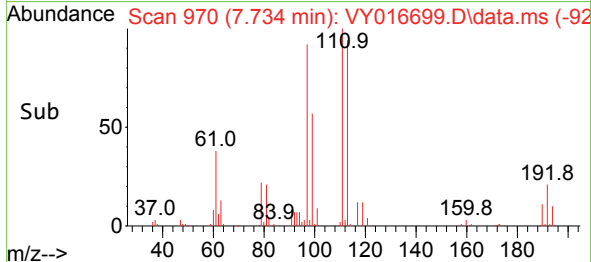
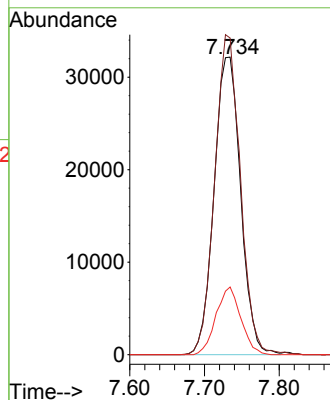
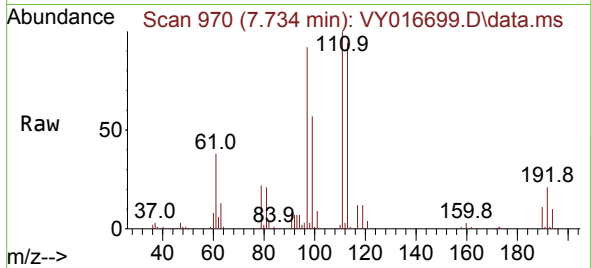




#35
Dibromofluoromethane
Concen: 50.274 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

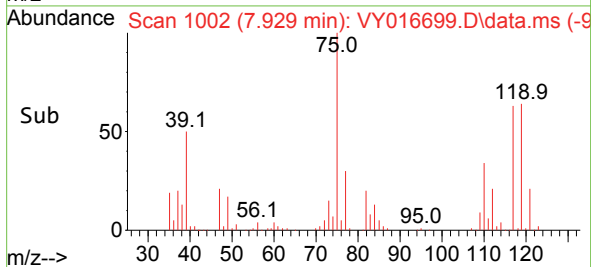
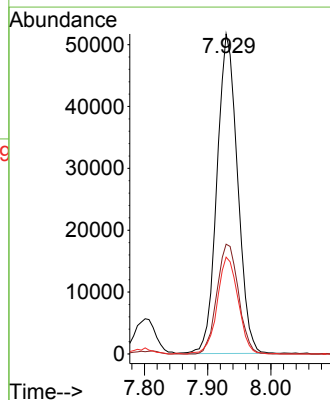
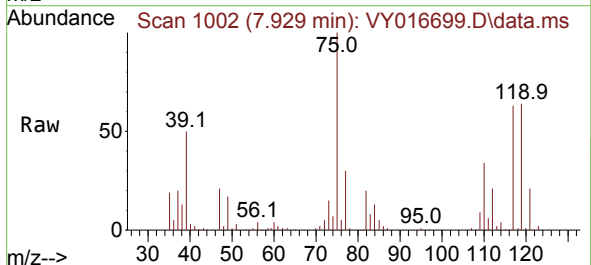
Instrument :
MSVOA_Y
ClientSampleId :

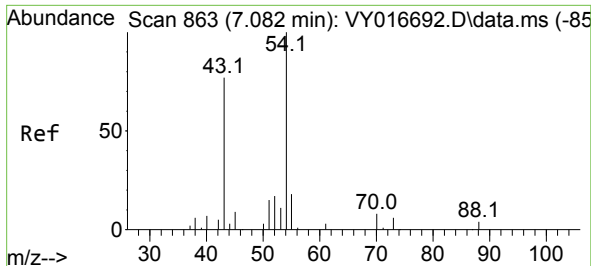
Tgt Ion:113 Resp: 79364
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 21.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 48.727 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 75 Resp: 116357
Ion Ratio Lower Upper
75 100
110 36.1 18.9 56.9
77 30.8 25.3 37.9





#37

Ethyl Acetate

Concen: 48.110 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016699.D

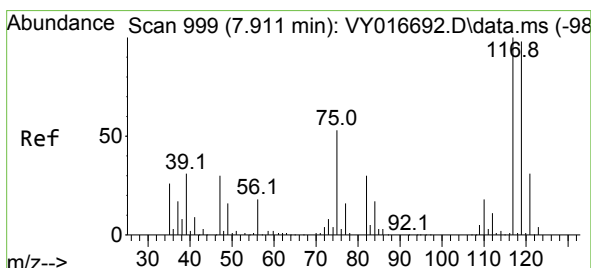
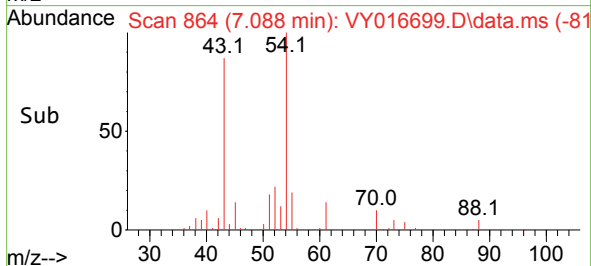
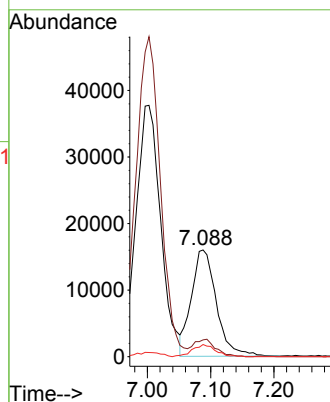
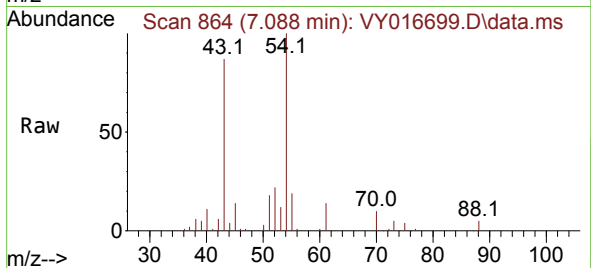
Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 44001
Ion Ratio	Lower Upper
43	100
61	14.4 13.0 19.4
70	10.6 9.9 14.9



#38

Carbon Tetrachloride

Concen: 48.029 ug/l

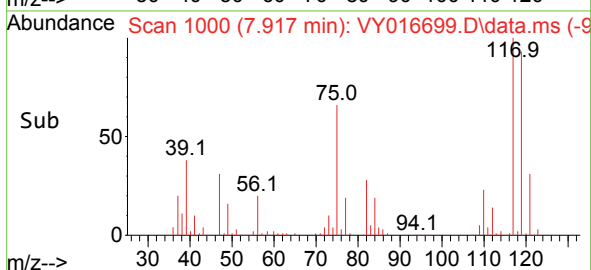
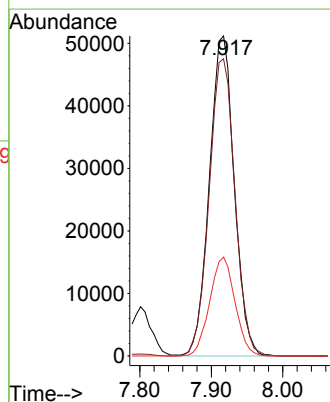
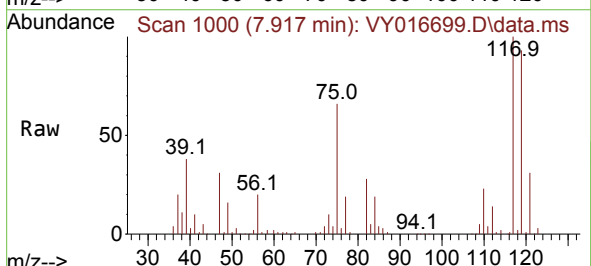
RT: 7.917 min Scan# 1000

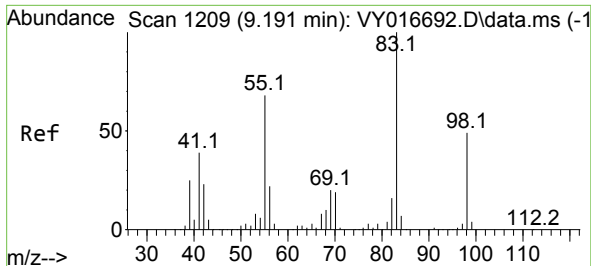
Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Tgt Ion: 117	Resp: 123749
Ion Ratio	Lower Upper
117	100
119	92.9 75.0 112.4
121	30.9 24.2 36.4





#39

Methylcyclohexane

Concen: 50.403 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

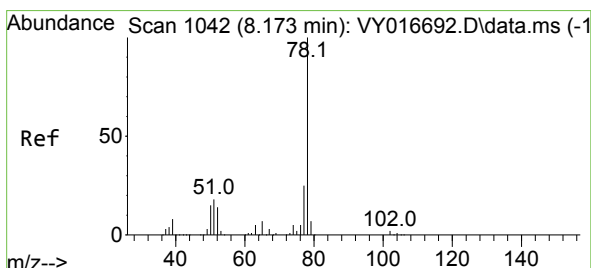
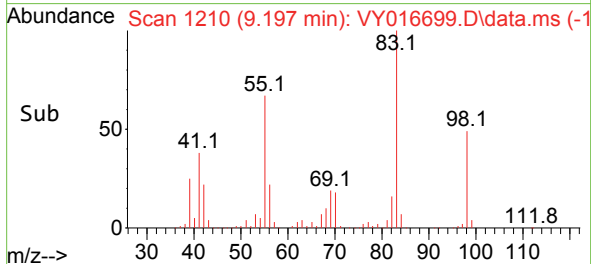
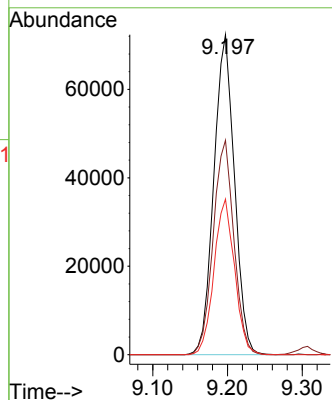
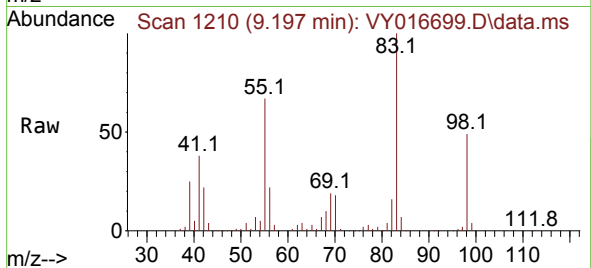
Tgt Ion: 83 Resp: 138573

Ion Ratio Lower Upper

83 100

55 67.0 54.6 81.8

98 48.6 40.1 60.1



#40

Benzene

Concen: 48.251 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016699.D

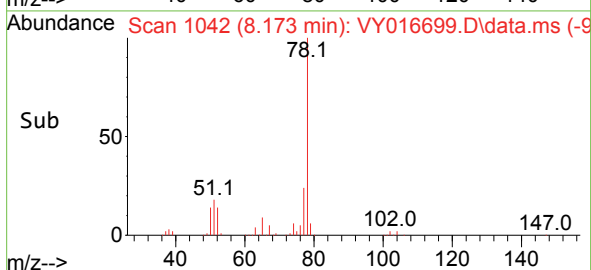
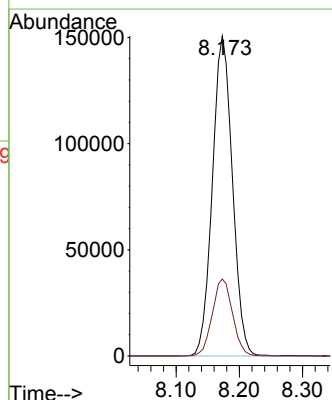
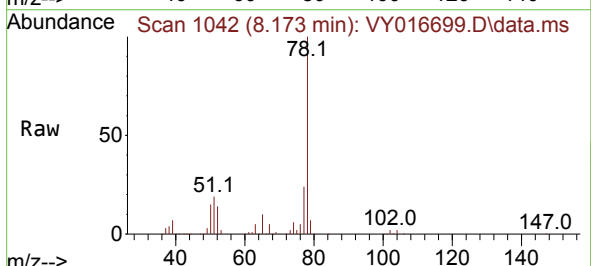
Acq: 19 Dec 2023 16:37

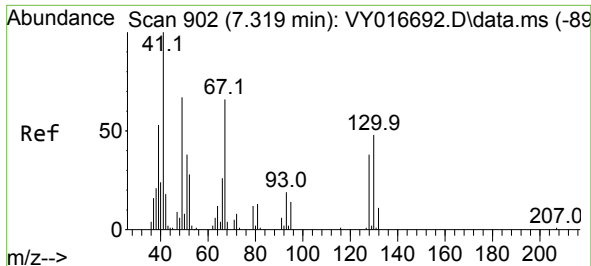
Tgt Ion: 78 Resp: 331041

Ion Ratio Lower Upper

78 100

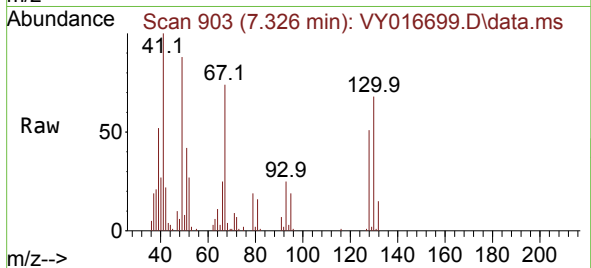
77 24.1 19.0 28.4



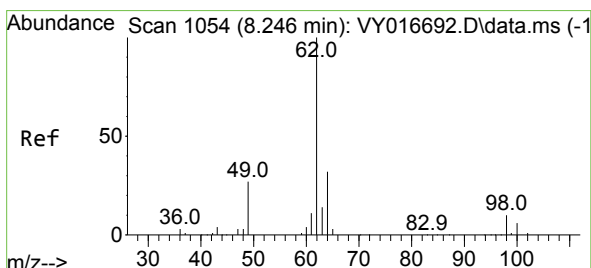
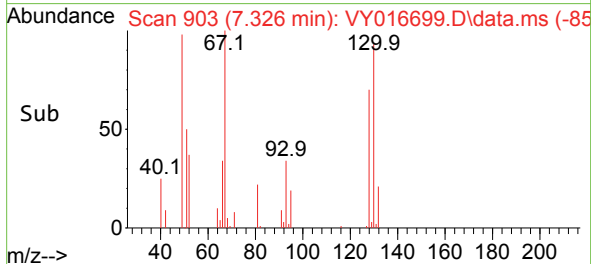
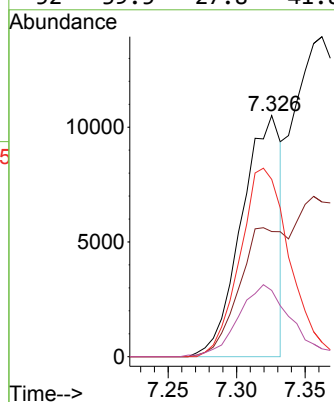


#41
Methacrylonitrile
Concen: 43.380 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Instrument :
MSVOA_Y
ClientSampleId :

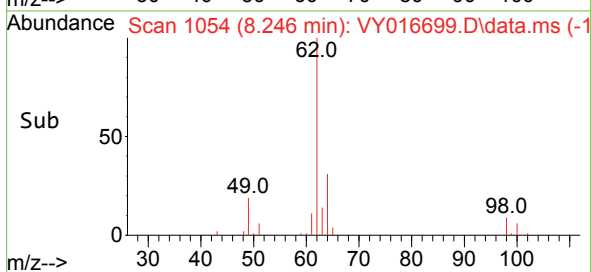
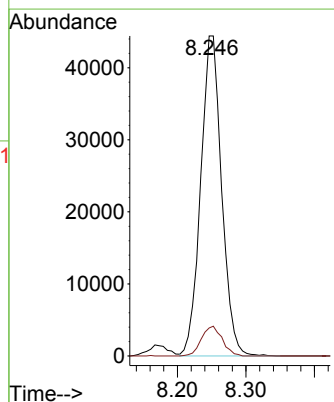
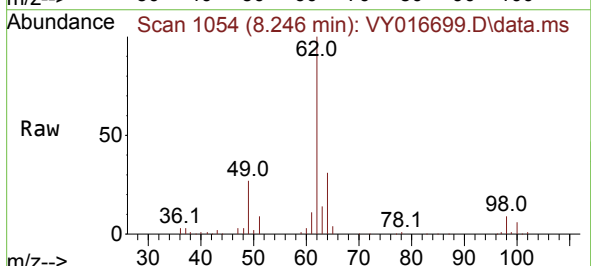


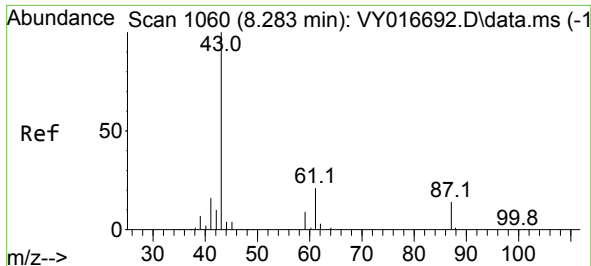
Tgt Ion:	41	Resp:	21071
Ion	Ratio	Lower	Upper
41	100		
39	65.6	47.8	71.6
67	99.0	74.9	112.3
52	39.5	27.8	41.8



#42
1,2-Dichloroethane
Concen: 48.776 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion:	62	Resp:	94694
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	22.4

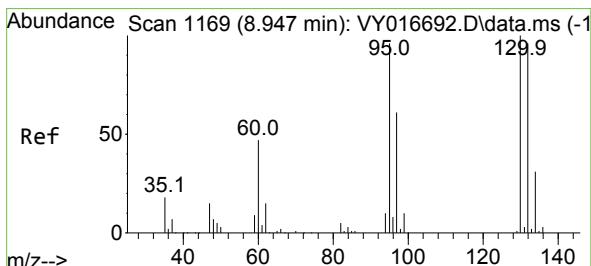
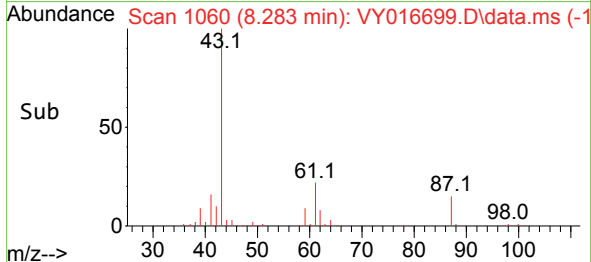
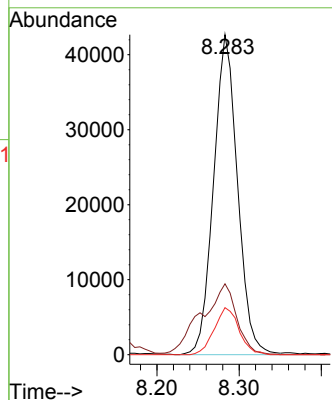
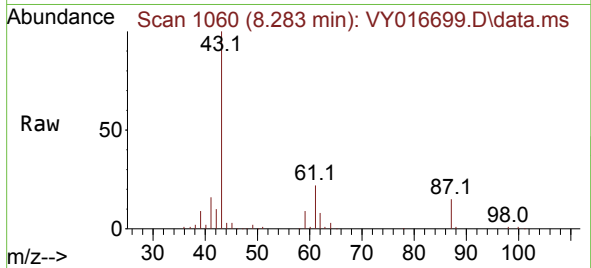




#43
Isopropyl Acetate
Concen: 49.178 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

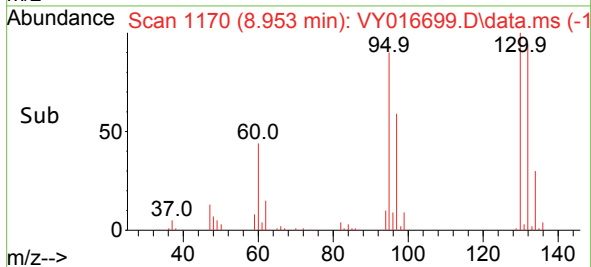
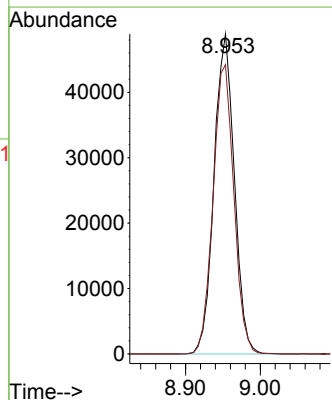
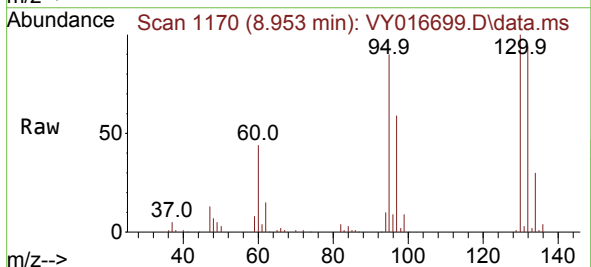
Instrument :
MSVOA_Y
ClientSampleId :

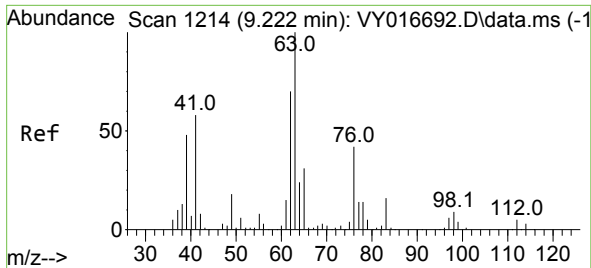
Tgt Ion: 43 Resp: 86387
Ion Ratio Lower Upper
43 100
61 32.8 27.4 41.0
87 15.2 13.2 19.8



#44
Trichloroethene
Concen: 48.974 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion:130 Resp: 92467
Ion Ratio Lower Upper
130 100
95 90.4 0.0 189.2

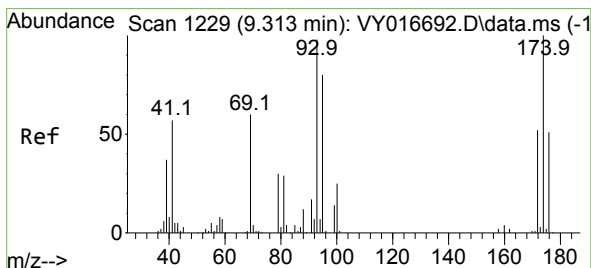
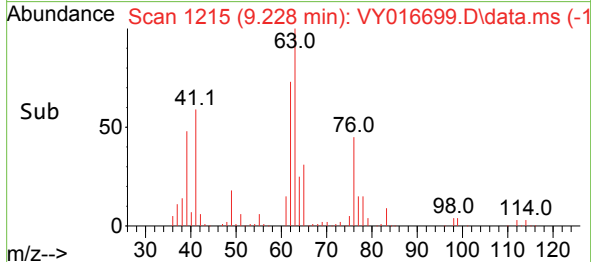
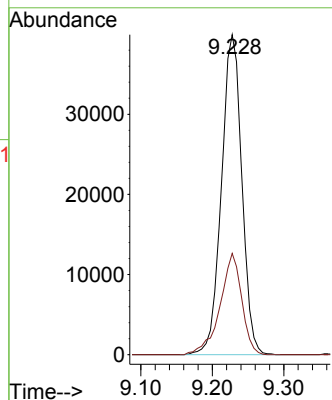
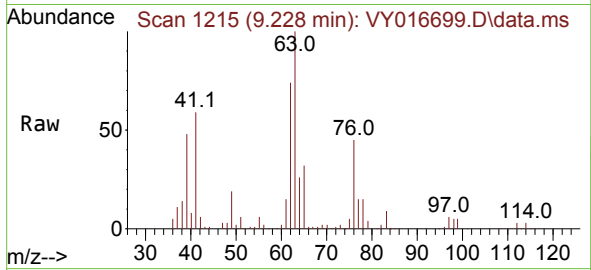




#45
1,2-Dichloropropane
Concen: 48.146 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

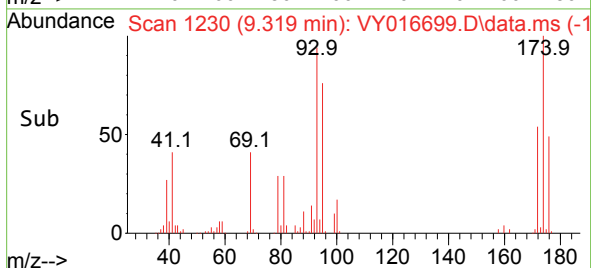
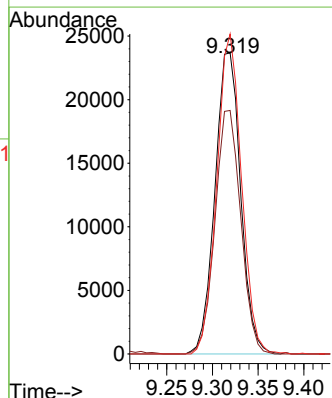
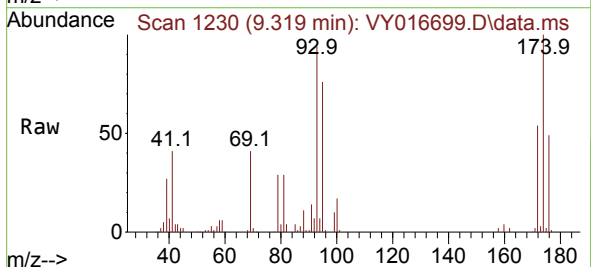
Instrument :
MSVOA_Y
ClientSampleId :

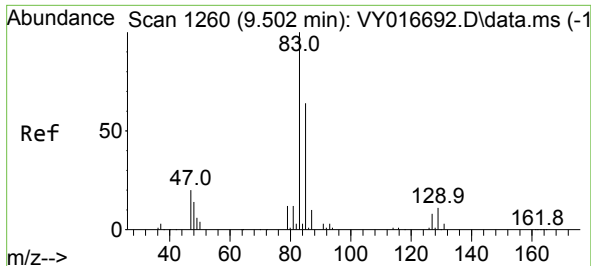
Tgt Ion: 63 Resp: 78952
Ion Ratio Lower Upper
63 100
65 31.6 24.0 36.0



#46
Dibromomethane
Concen: 50.129 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 93 Resp: 46421
Ion Ratio Lower Upper
93 100
95 80.9 66.9 100.3
174 102.0 85.2 127.8

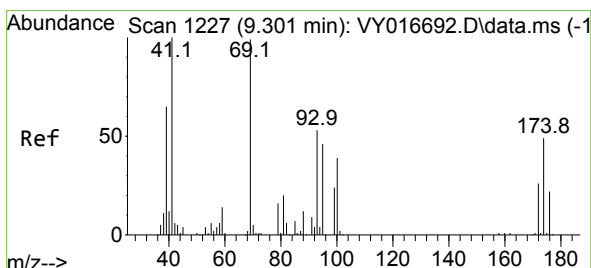
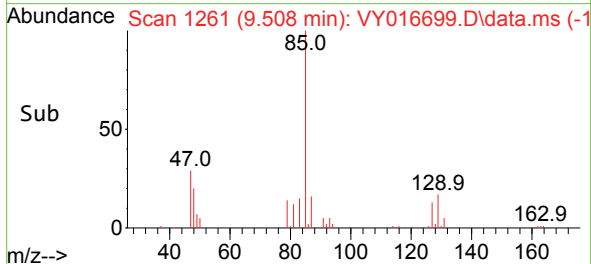
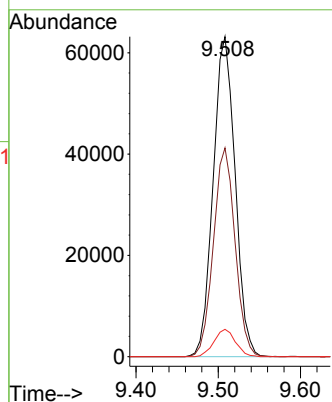
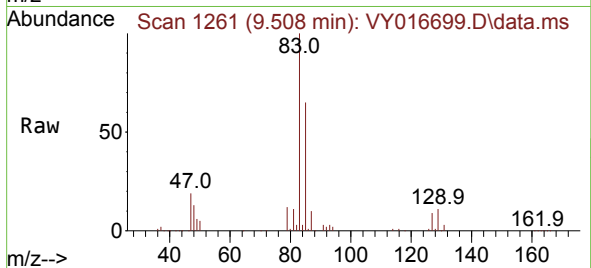




#47
Bromodichloromethane
Concen: 48.489 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

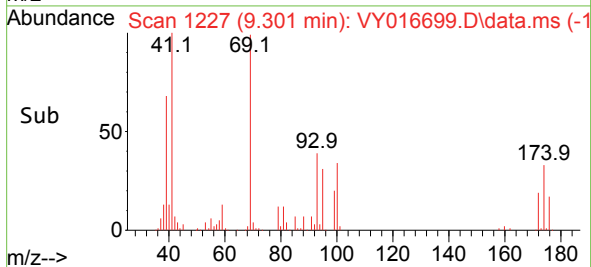
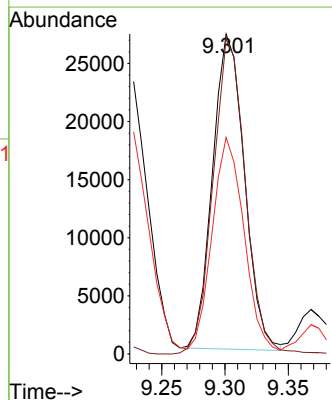
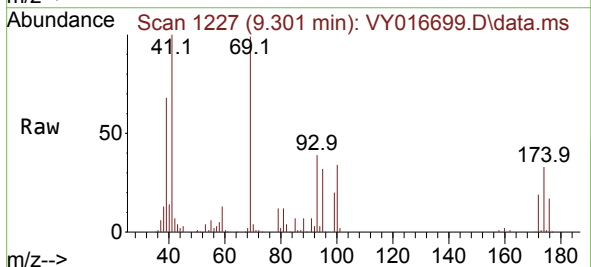
Instrument :
MSVOA_Y
ClientSampleId :

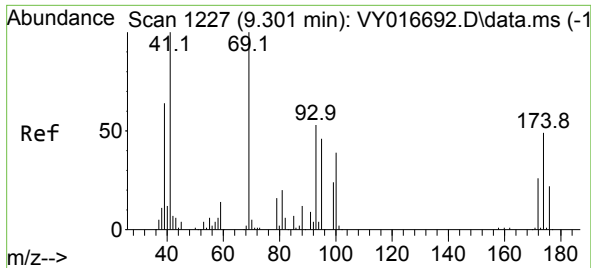
Tgt Ion: 83 Resp: 117240
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0
127 8.5 7.3 10.9



#48
Methyl methacrylate
Concen: 49.699 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 41 Resp: 47367
Ion Ratio Lower Upper
41 100
69 101.8 85.5 128.3
39 67.1 40.9 61.3#





#49

1,4-Dioxane

Concen: 912.967 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

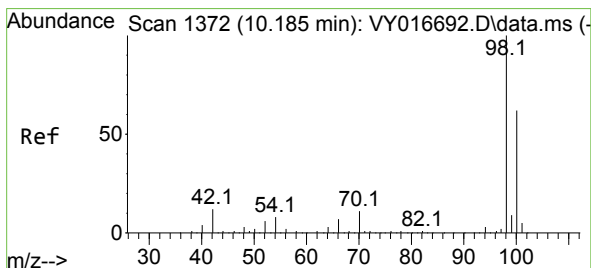
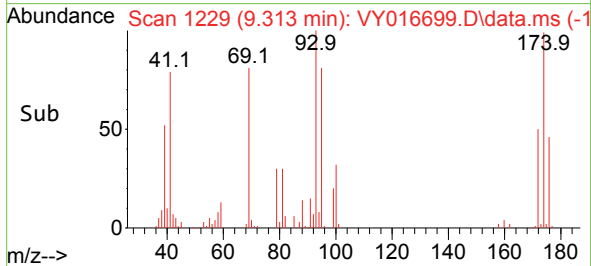
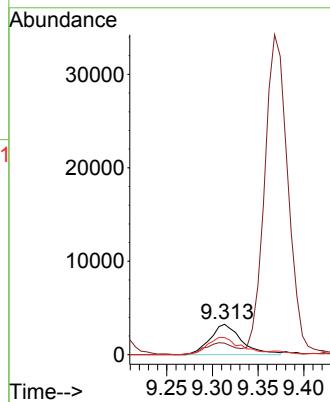
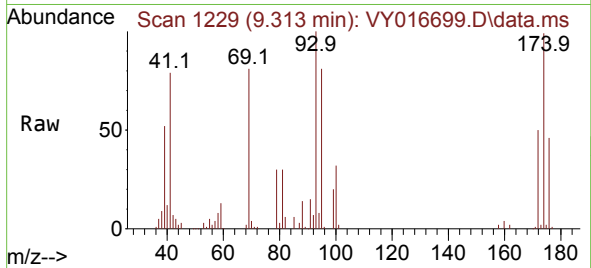
Tgt Ion: 88 Resp: 7784

Ion Ratio Lower Upper

88 100

43 37.2 0.0 0.0#

58 59.9 54.0 81.0



#50

Toluene-d8

Concen: 51.250 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY016699.D

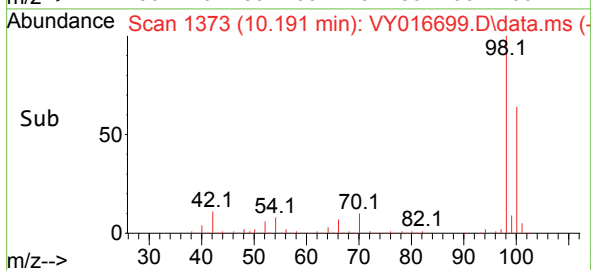
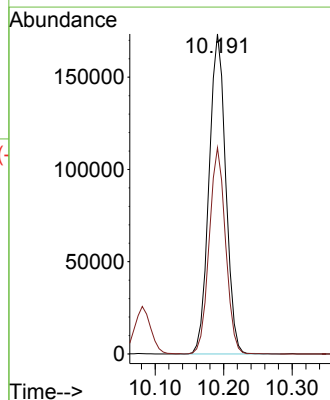
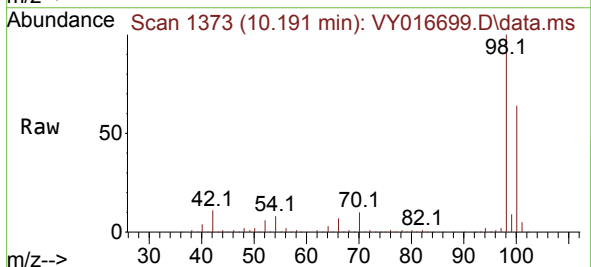
Acq: 19 Dec 2023 16:37

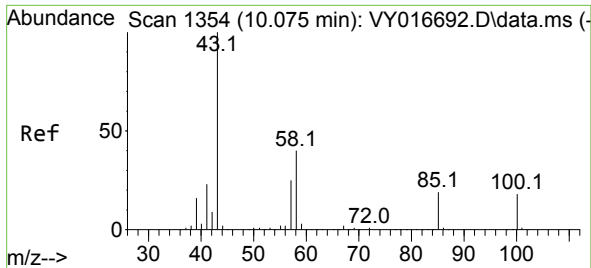
Tgt Ion: 98 Resp: 293005

Ion Ratio Lower Upper

98 100

100 63.2 52.5 78.7

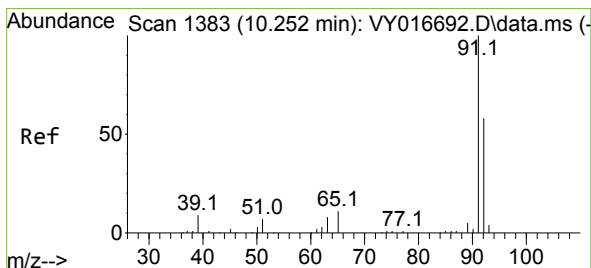
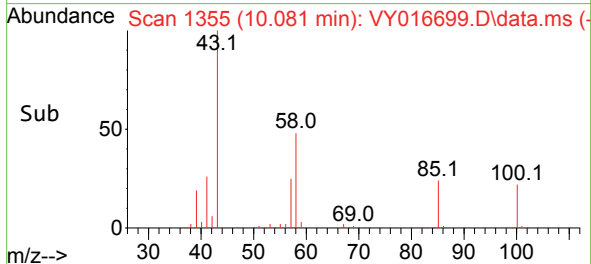
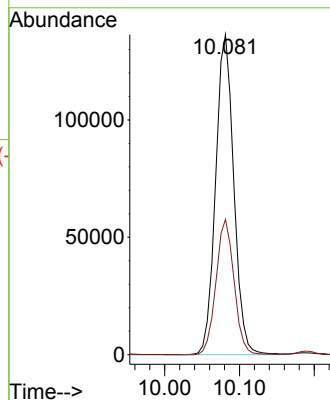
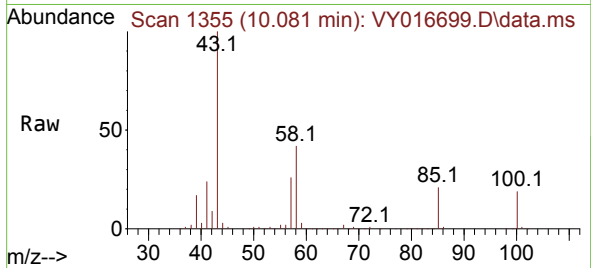




#51
4-Methyl-2-Pentanone
Concen: 256.101 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

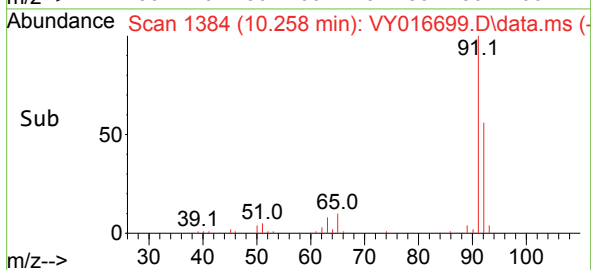
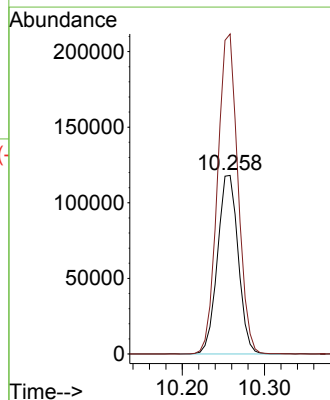
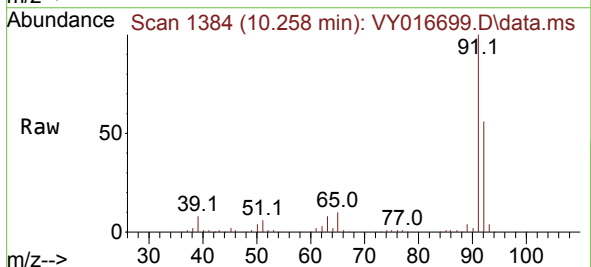
Instrument :
MSVOA_Y
ClientSampleId :

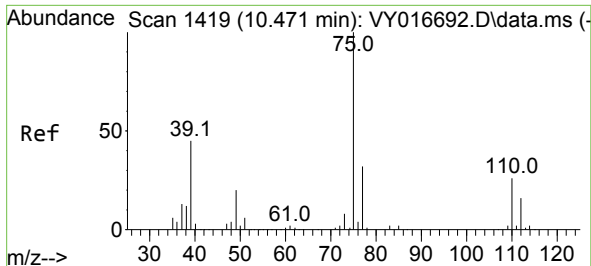
Tgt Ion: 43 Resp: 230901
Ion Ratio Lower Upper
43 100
58 42.0 35.8 53.8



#52
Toluene
Concen: 49.209 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 92 Resp: 206569
Ion Ratio Lower Upper
92 100
91 176.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 49.726 ug/l

RT: 10.478 min Scan# 1419

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

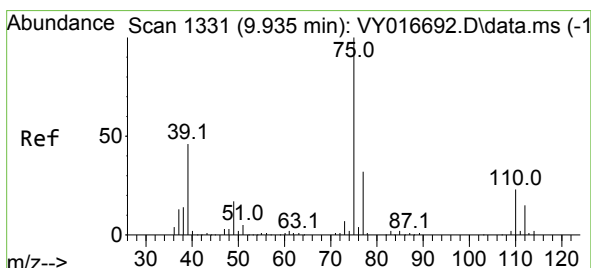
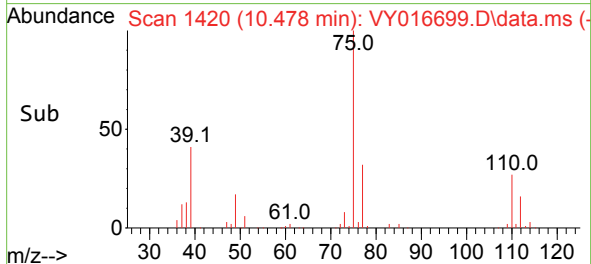
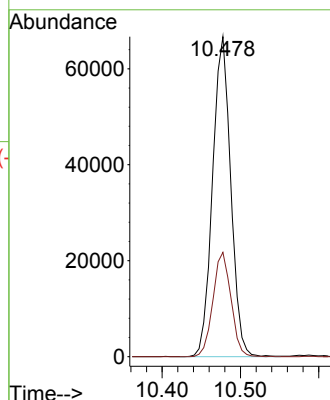
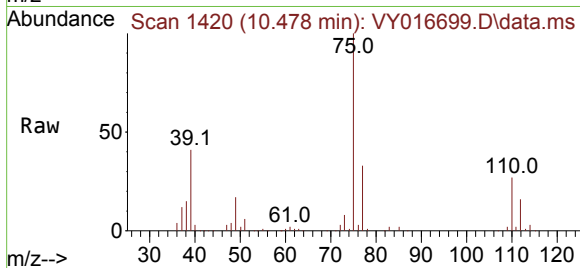
ClientSampleId :

Tgt Ion: 75 Resp: 107654

Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.079 ug/l

RT: 9.941 min Scan# 1332

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

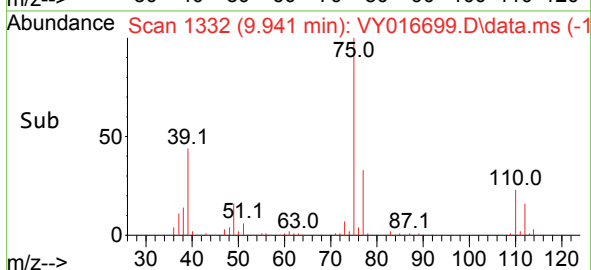
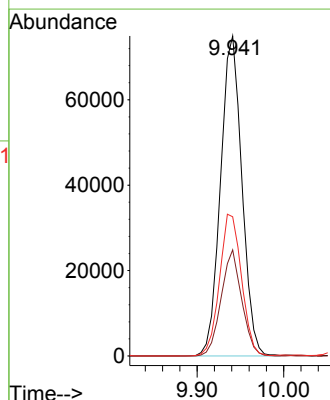
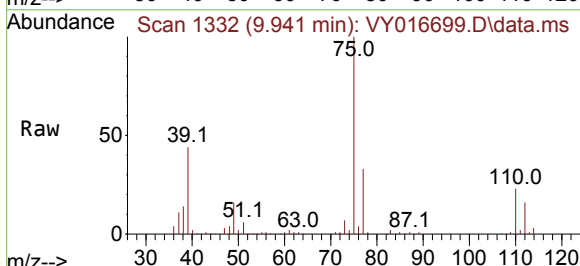
Tgt Ion: 75 Resp: 128464

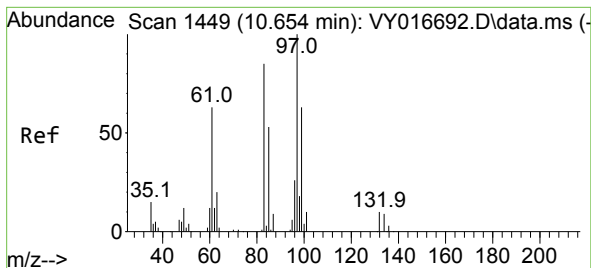
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

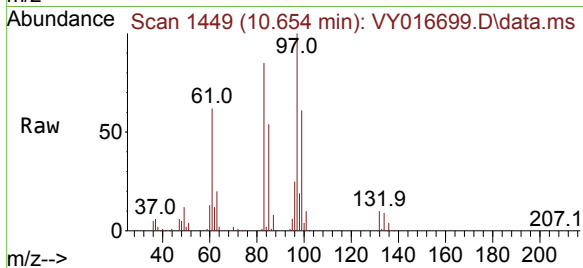
39 43.5 29.7 44.5



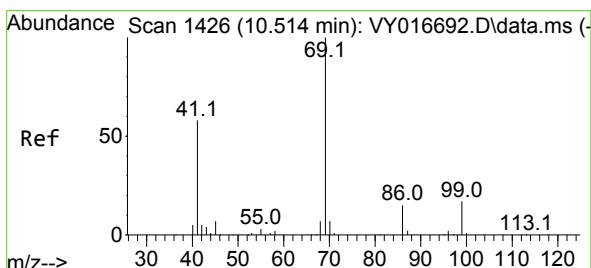
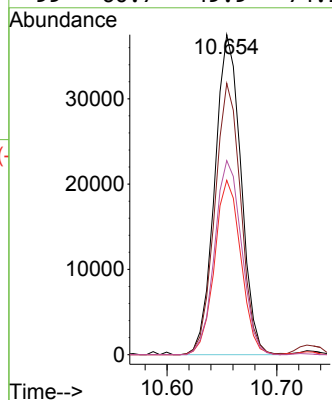
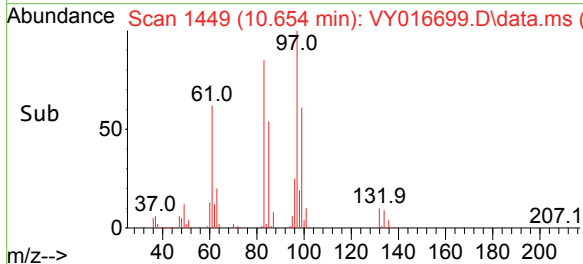


#55
1,1,2-Trichloroethane
Concen: 48.820 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

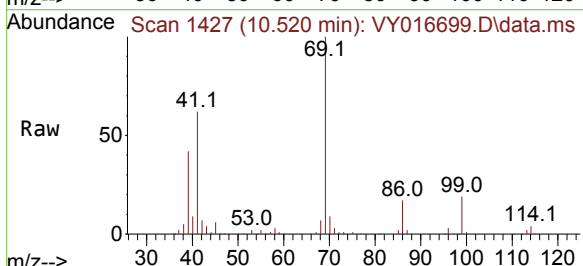
Instrument :
MSVOA_Y
ClientSampleId :



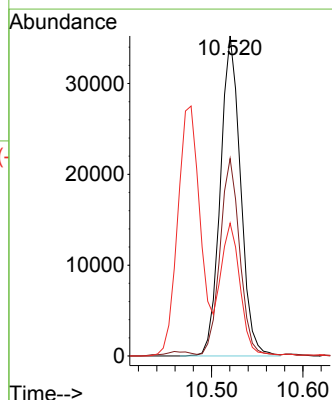
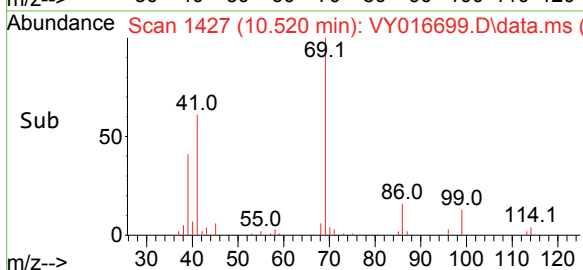
Tgt Ion: 97	Resp: 62450
Ion Ratio	Lower Upper
97 100	
83 84.8	65.8 98.6
85 54.5	43.4 65.2
99 60.7	49.9 74.9

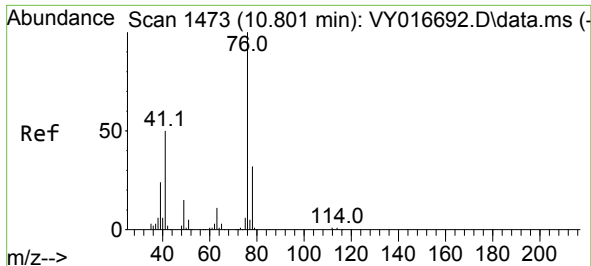


#56
Ethyl methacrylate
Concen: 52.011 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37



Tgt Ion: 69	Resp: 54140
Ion Ratio	Lower Upper
69 100	
41 59.7	44.6 67.0
39 38.7	21.5 32.3#





#57

1,3-Dichloropropane

Concen: 49.990 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

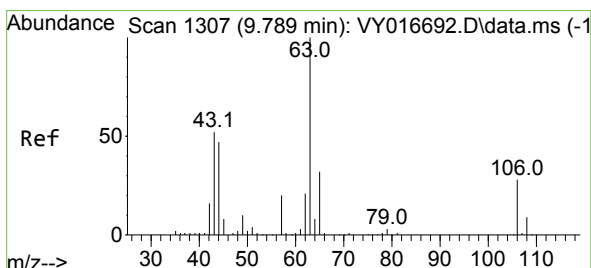
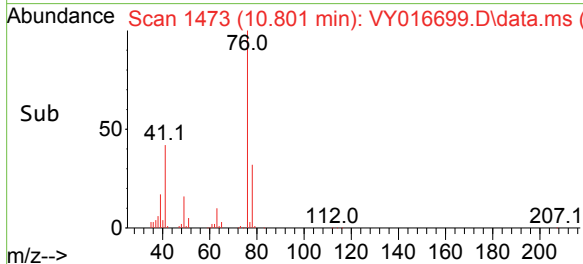
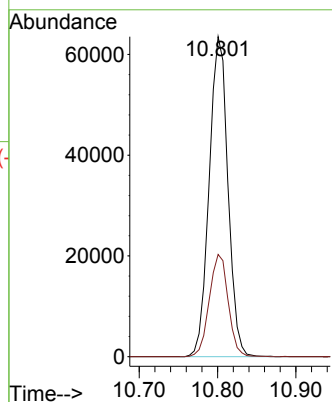
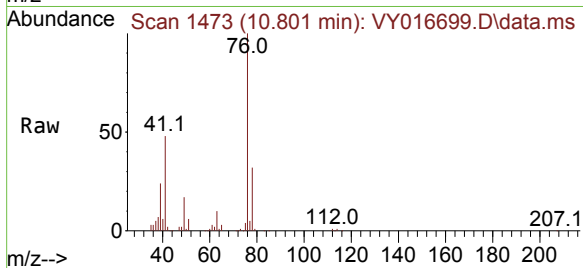
ClientSampleId :

Tgt Ion: 76 Resp: 105517

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 220.954 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY016699.D

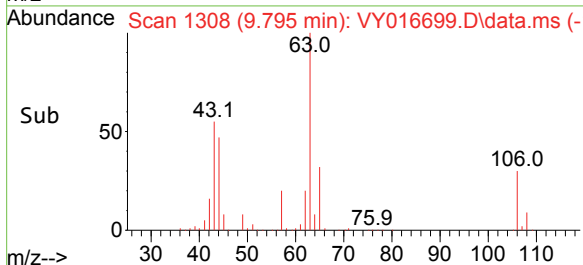
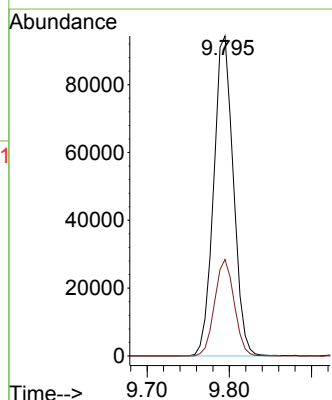
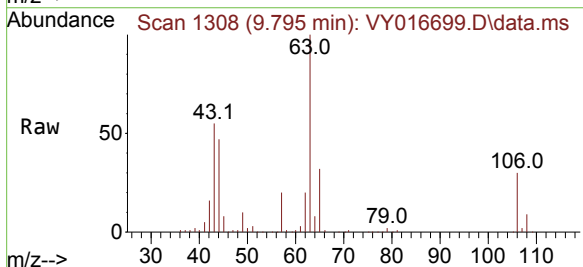
Acq: 19 Dec 2023 16:37

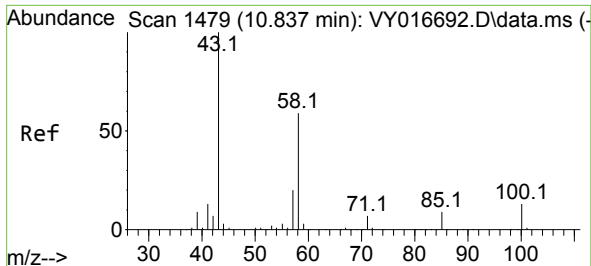
Tgt Ion: 63 Resp: 156905

Ion Ratio Lower Upper

63 100

106 30.0 25.4 38.2





#59

2-Hexanone

Concen: 244.721 ug/l

RT: 10.843 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

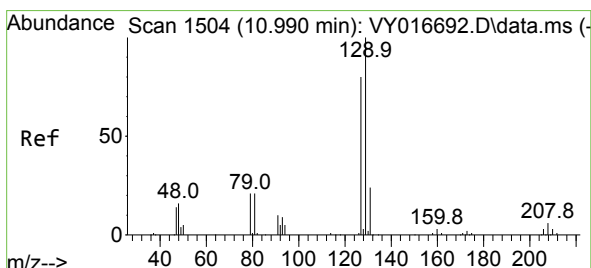
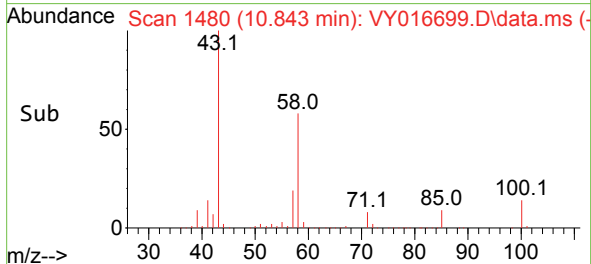
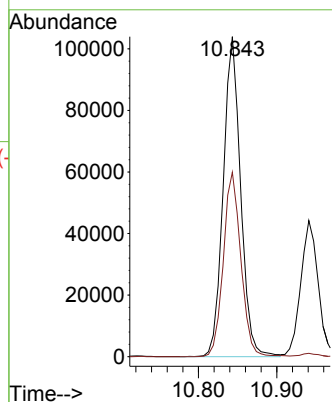
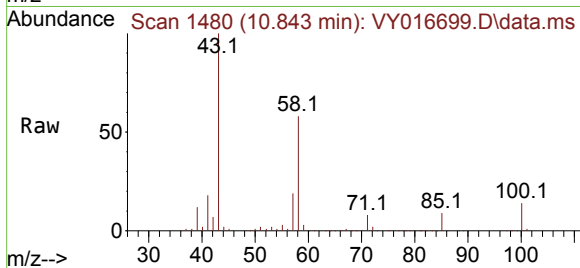
ClientSampleId :

Tgt Ion: 43 Resp: 160752

Ion Ratio Lower Upper

43 100

58 58.1 30.8 92.4



#60

Dibromochloromethane

Concen: 50.052 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.006 min

Lab File: VY016699.D

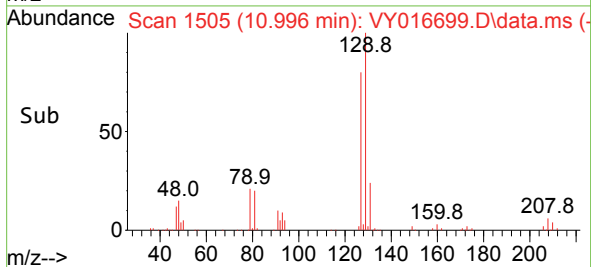
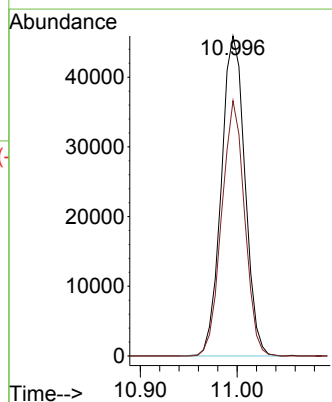
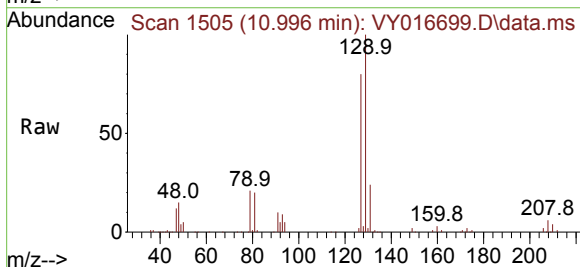
Acq: 19 Dec 2023 16:37

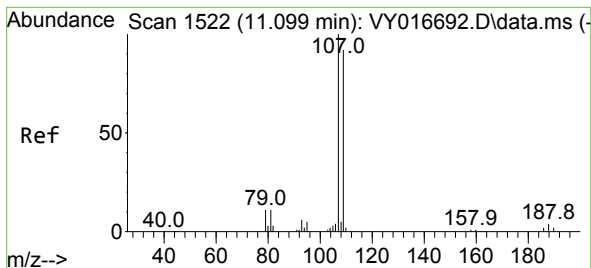
Tgt Ion:129 Resp: 77738

Ion Ratio Lower Upper

129 100

127 77.2 38.0 113.9

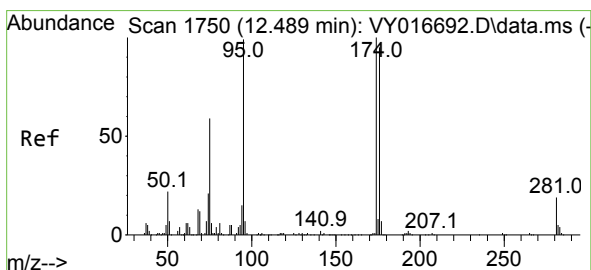
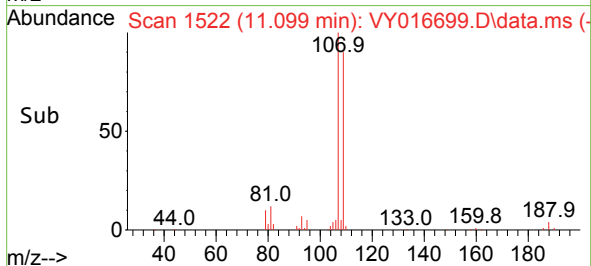
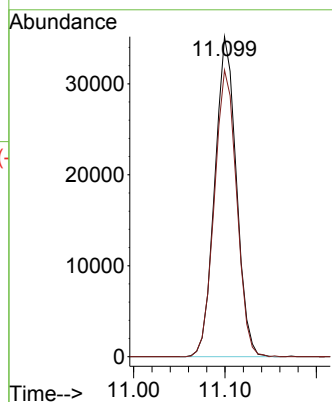
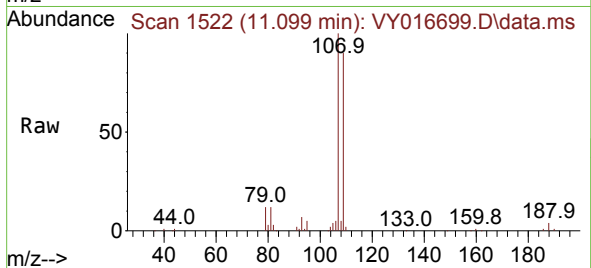




#61
1,2-Dibromoethane
Concen: 49.993 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

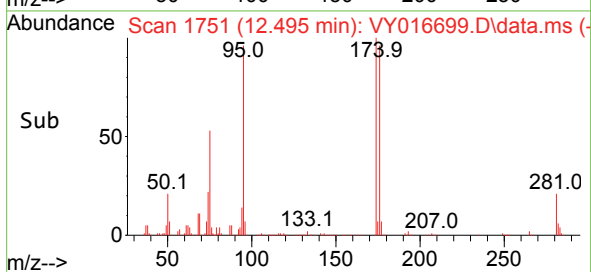
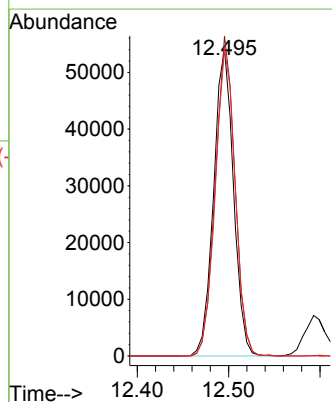
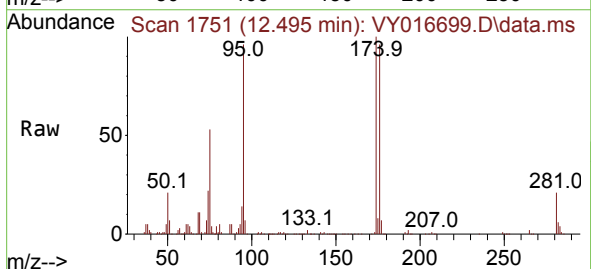
Instrument :
MSVOA_Y
ClientSampleId :

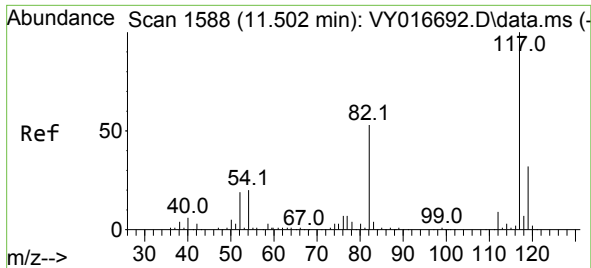
Tgt Ion:107 Resp: 57596
Ion Ratio Lower Upper
107 100
109 92.8 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 50.109 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 95 Resp: 81456
Ion Ratio Lower Upper
95 100
174 102.7 0.0 181.0
176 100.3 0.0 176.6

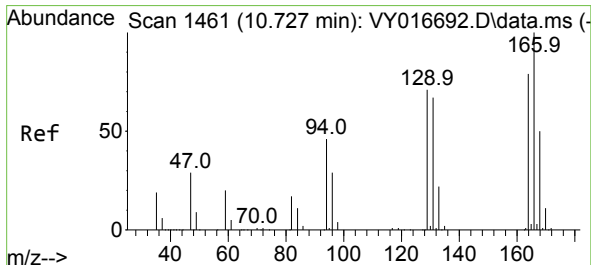
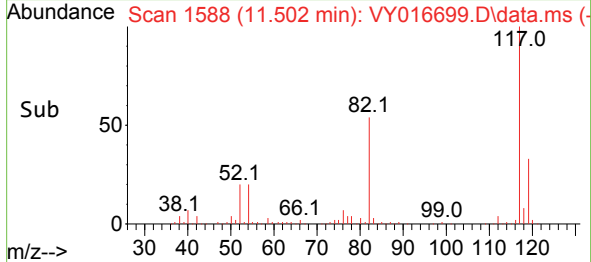
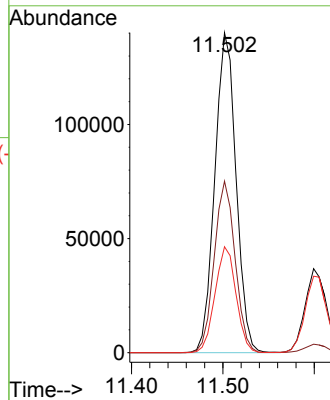
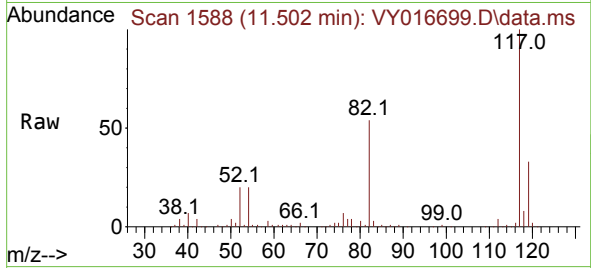




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

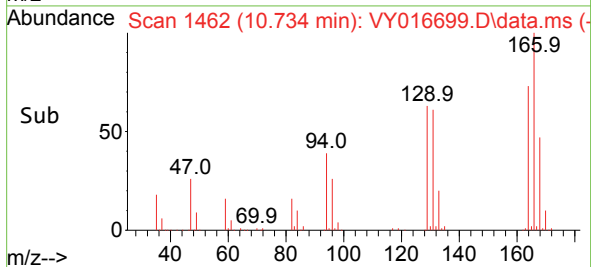
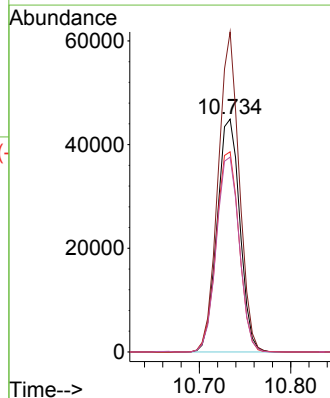
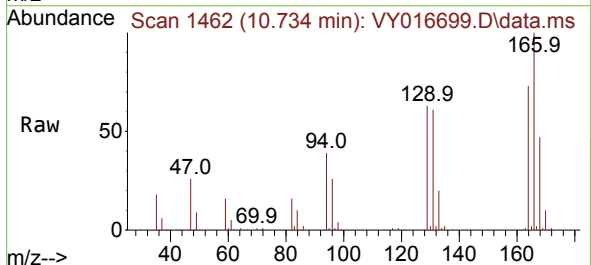
Instrument :
MSVOA_Y
ClientSampleId :

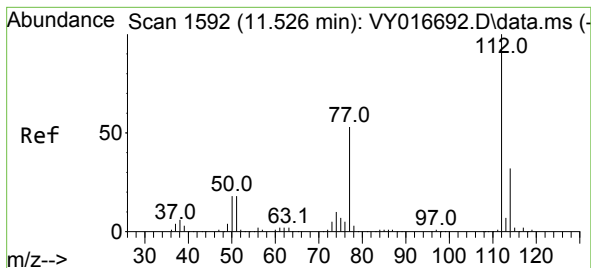
Tgt Ion:117 Resp: 226617
Ion Ratio Lower Upper
117 100
82 53.6 41.0 61.6
119 33.1 25.8 38.8



#64
Tetrachloroethene
Concen: 49.751 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion:164 Resp: 77769
Ion Ratio Lower Upper
164 100
166 137.4 103.9 155.9
129 86.0 71.4 107.2
131 83.7 69.9 104.9





#65

Chlorobenzene

Concen: 50.028 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

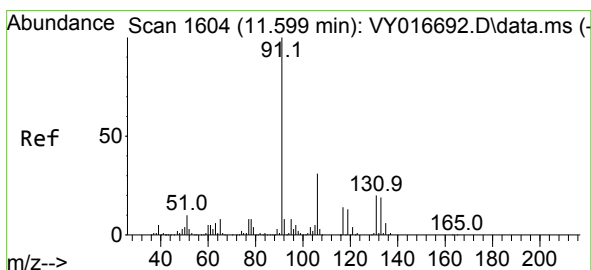
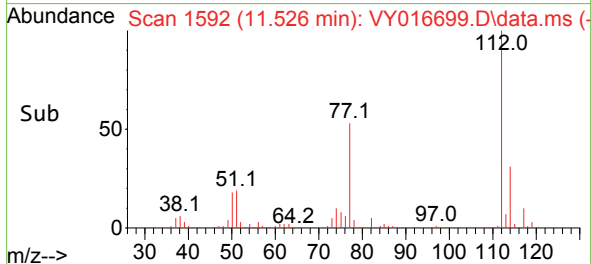
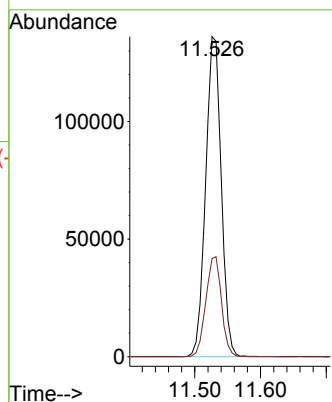
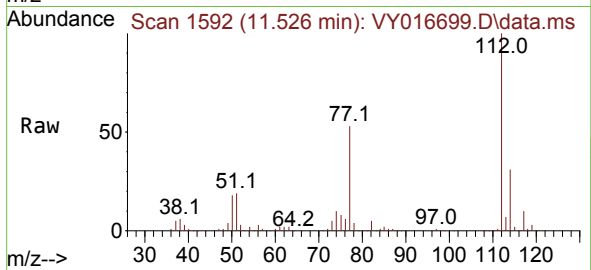
ClientSampleId :

Tgt Ion:112 Resp: 224518

Ion Ratio Lower Upper

112 100

114 30.6 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.722 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

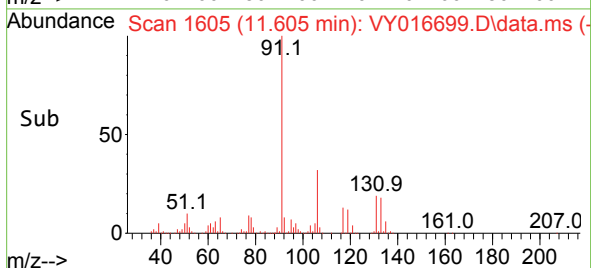
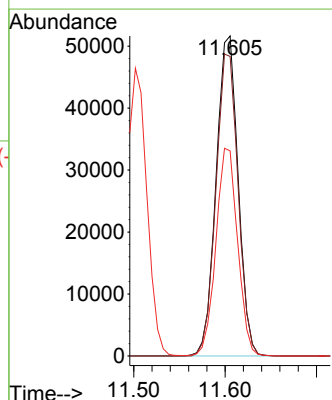
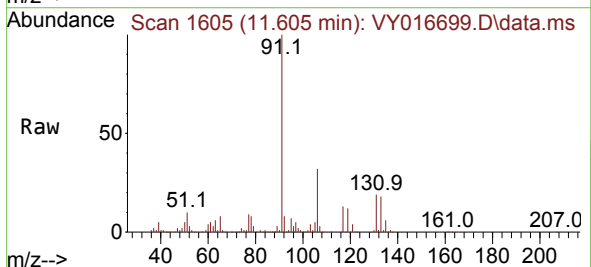
Tgt Ion:131 Resp: 86448

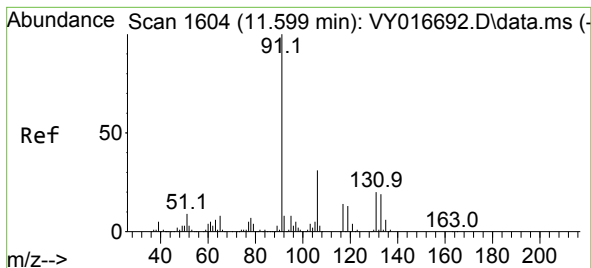
Ion Ratio Lower Upper

131 100

133 94.8 48.5 145.6

119 64.1 32.9 98.7





#67

Ethyl Benzene

Concen: 50.190 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

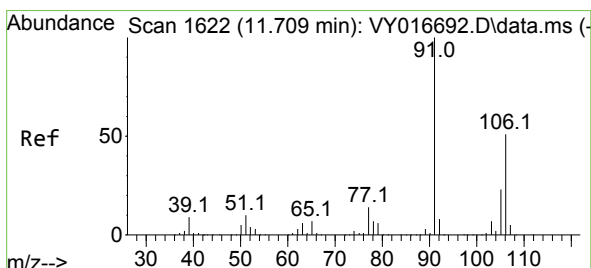
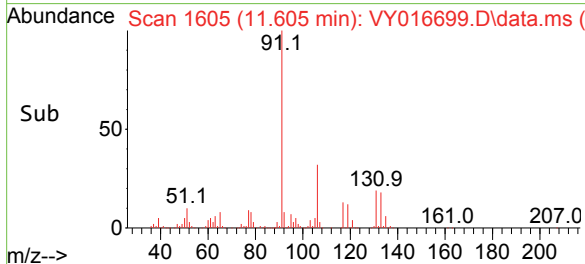
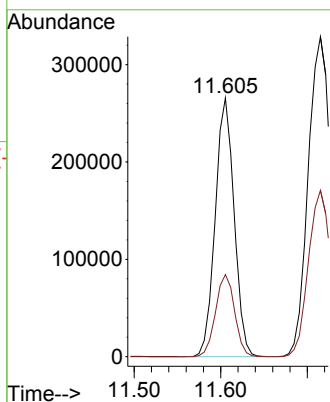
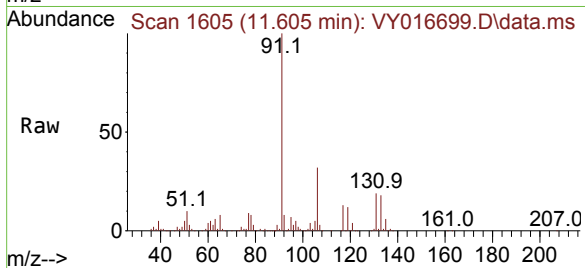
ClientSampleId :

Tgt Ion: 91 Resp: 402394

Ion Ratio Lower Upper

91 100

106 31.7 24.7 37.1



#68

m/p-Xylenes

Concen: 101.736 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016699.D

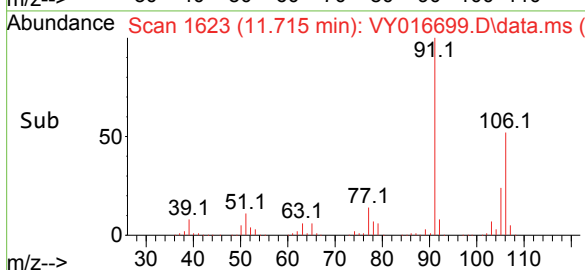
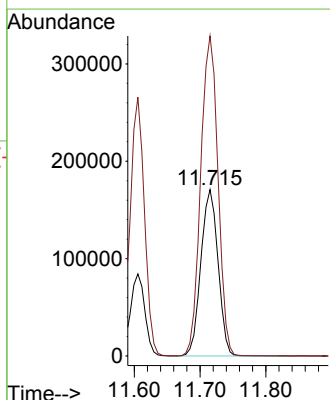
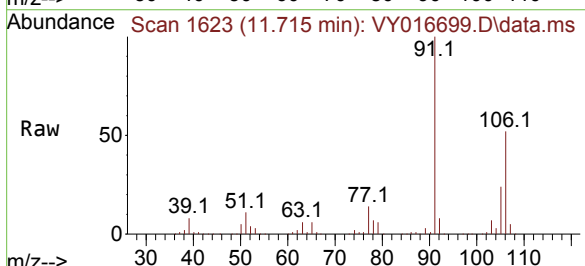
Acq: 19 Dec 2023 16:37

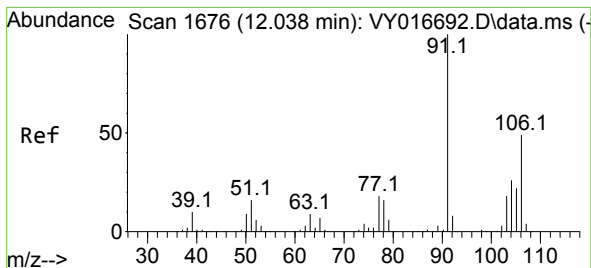
Tgt Ion:106 Resp: 309186

Ion Ratio Lower Upper

106 100

91 194.0 156.2 234.2





#69

o-Xylene

Concen: 50.807 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

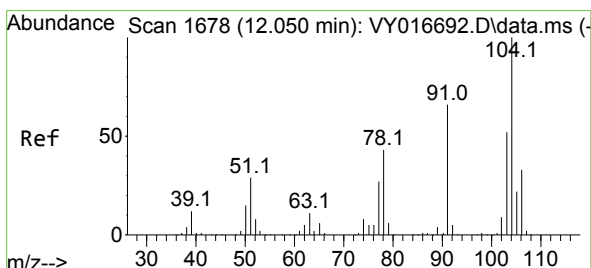
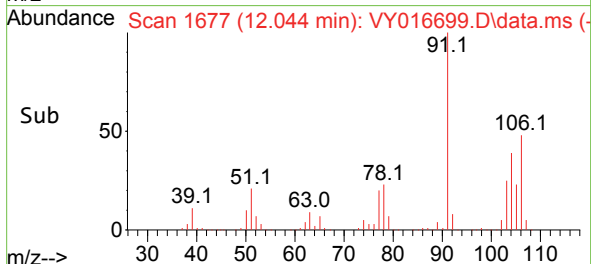
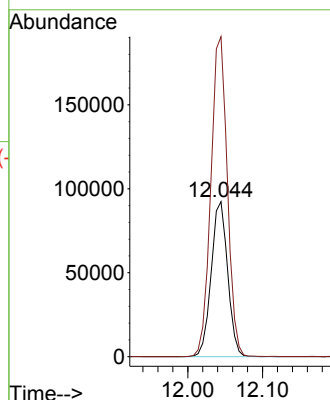
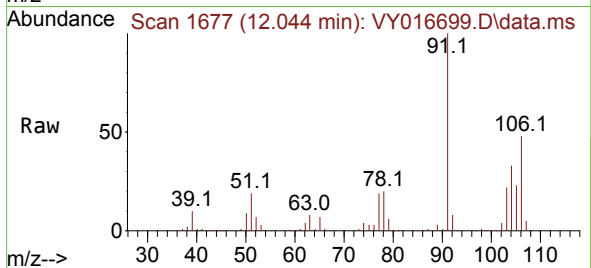
ClientSampleId :

Tgt Ion:106 Resp: 141056

Ion Ratio Lower Upper

106 100

91 206.9 102.8 308.4



#70

Styrene

Concen: 51.394 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

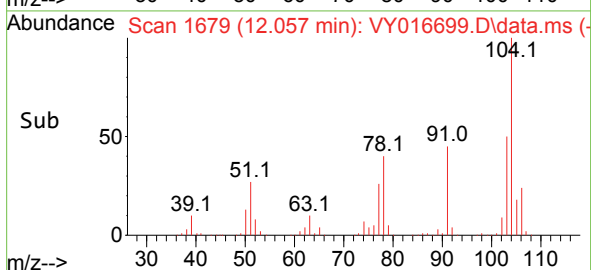
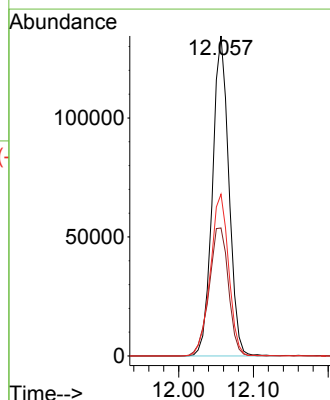
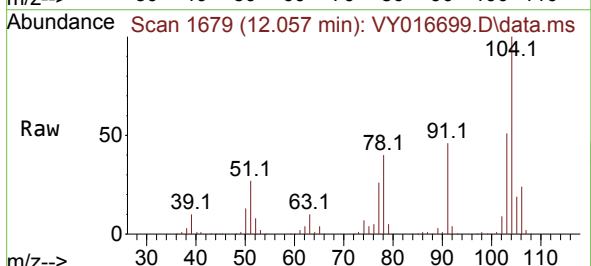
Tgt Ion:104 Resp: 206027

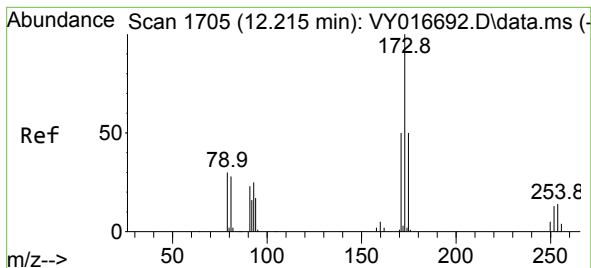
Ion Ratio Lower Upper

104 100

78 47.2 38.2 57.2

103 56.2 44.3 66.5





#71

Bromoform

Concen: 50.959 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

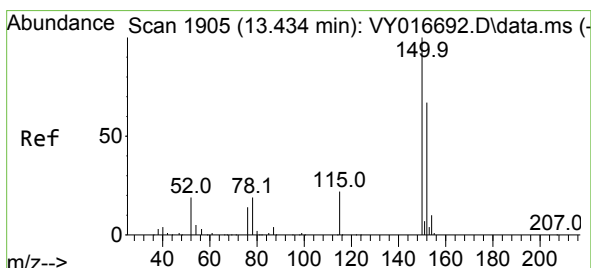
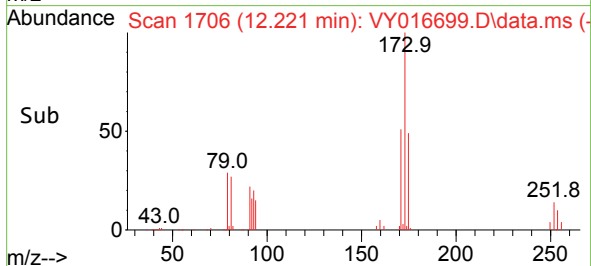
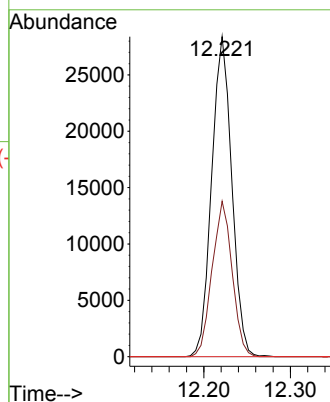
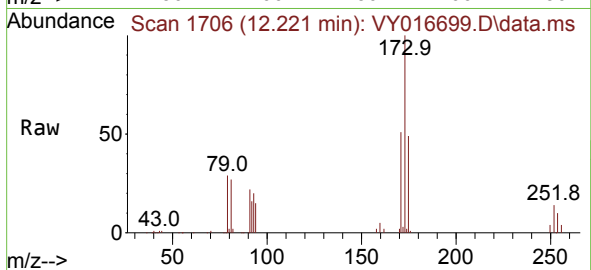
Tgt Ion:173 Resp: 45889

Ion Ratio Lower Upper

173 100

175 48.2 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

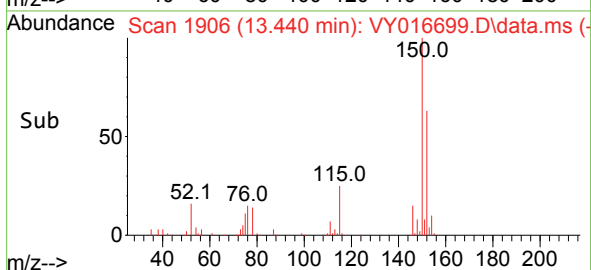
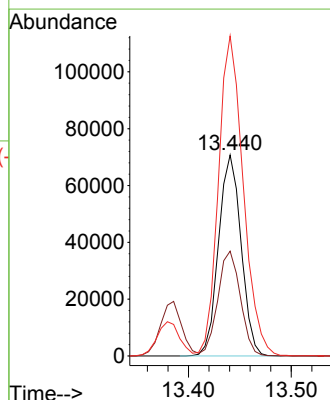
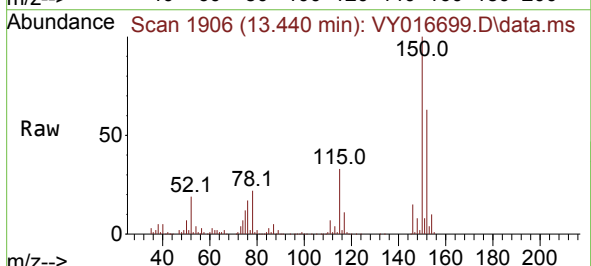
Tgt Ion:152 Resp: 107602

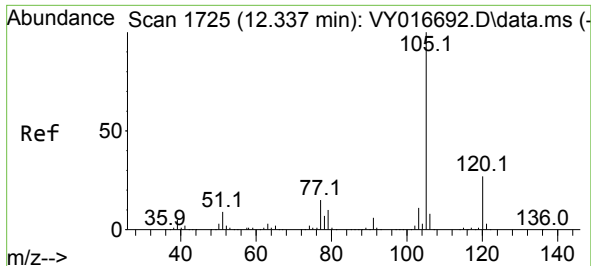
Ion Ratio Lower Upper

152 100

115 52.2 28.2 84.7

150 175.2 0.0 350.6

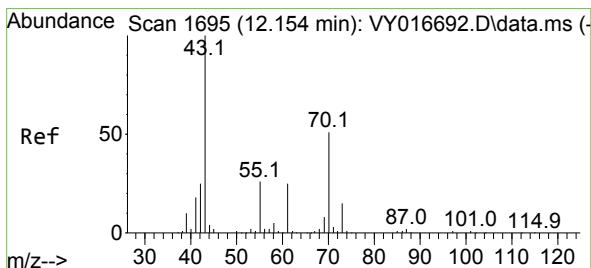
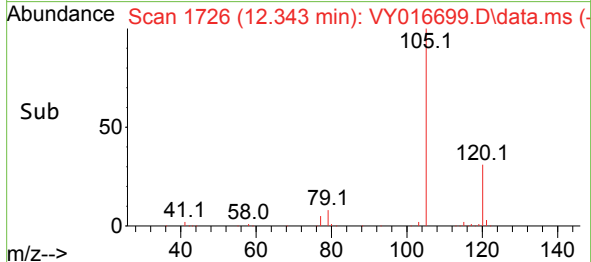
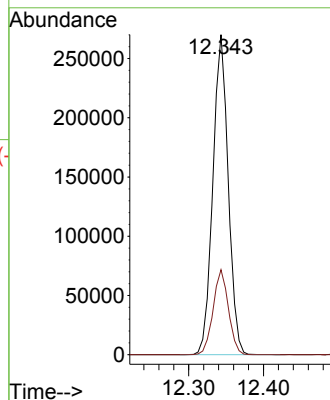
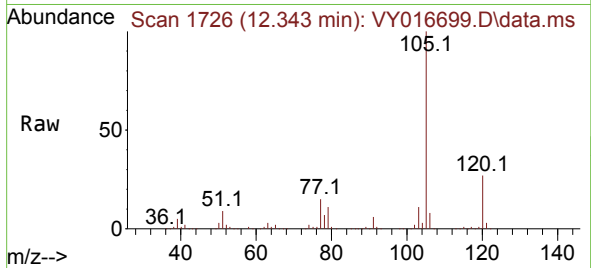




#73
Isopropylbenzene
Concen: 51.910 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

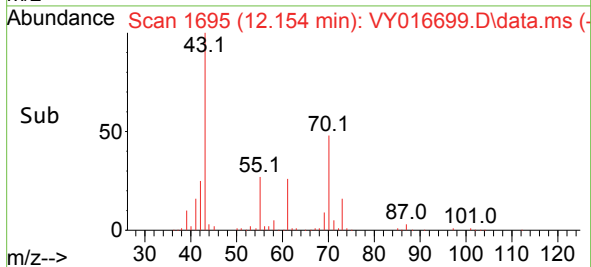
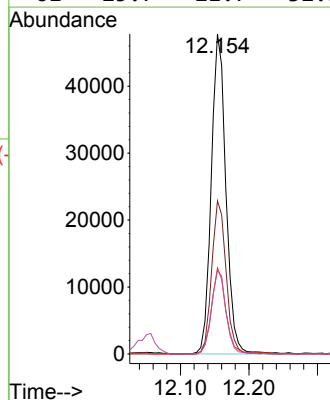
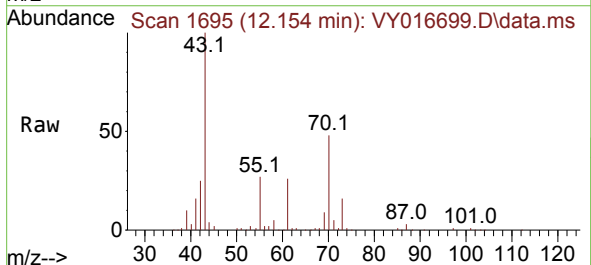
Instrument :
MSVOA_Y
ClientSampleId :

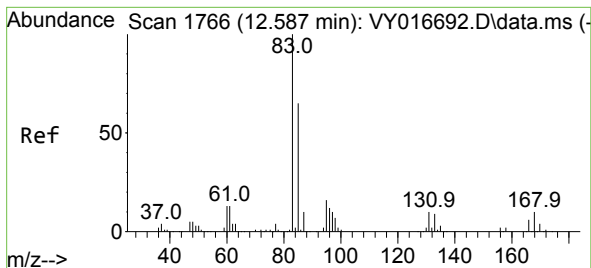
Tgt Ion:105 Resp: 386208
Ion Ratio Lower Upper
105 100
120 26.5 13.6 40.8



#74
N-ethyl acetate
Concen: 52.705 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 43 Resp: 70953
Ion Ratio Lower Upper
43 100
70 47.2 41.2 61.8
55 26.3 22.2 33.2
61 25.7 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.605 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

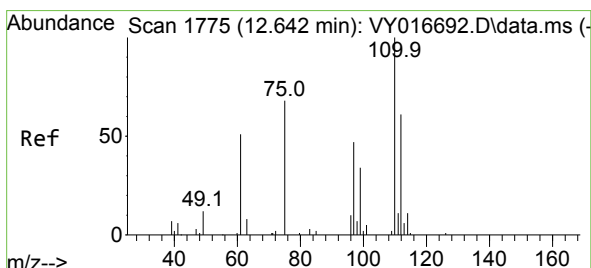
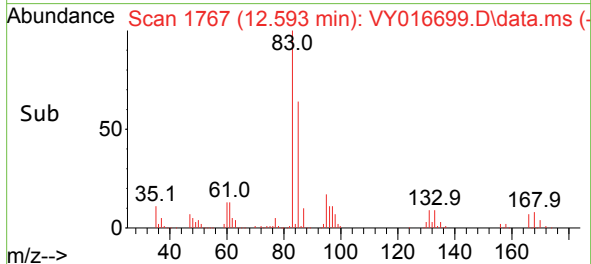
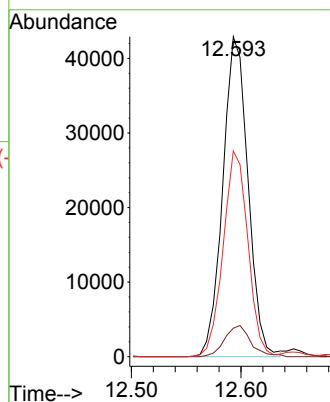
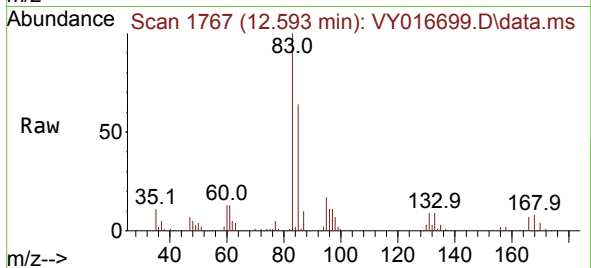
Tgt Ion: 83 Resp: 68671

Ion Ratio Lower Upper

83 100

131 10.0 5.5 16.4

85 63.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 89.810 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016699.D

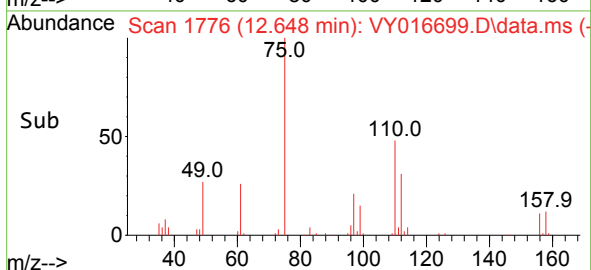
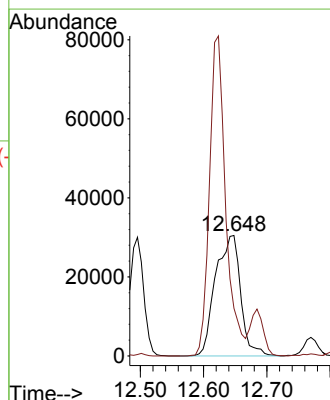
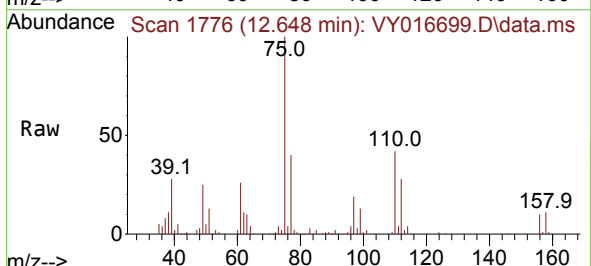
Acq: 19 Dec 2023 16:37

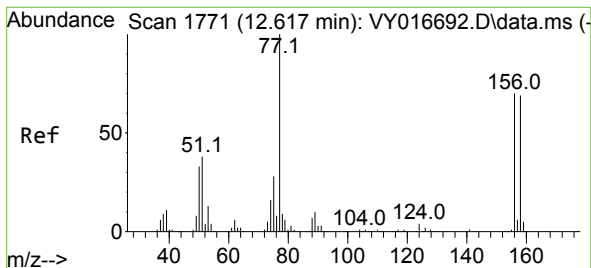
Tgt Ion: 75 Resp: 84003

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.643 ug/l

RT: 12.623 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

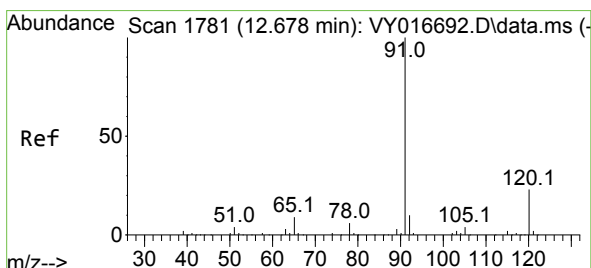
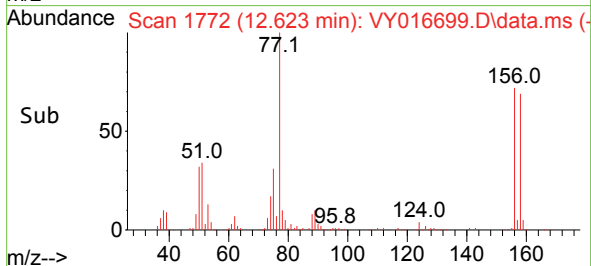
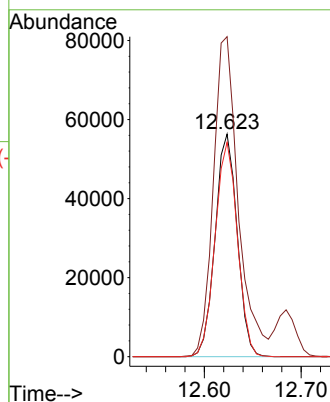
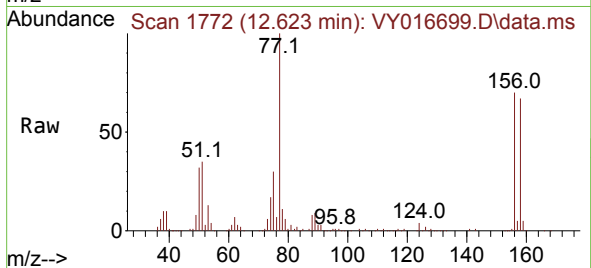
Tgt Ion:156 Resp: 89053

Ion Ratio Lower Upper

156 100

77 162.9 83.5 250.7

158 97.6 49.0 147.0



#78

n-propylbenzene

Concen: 51.096 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016699.D

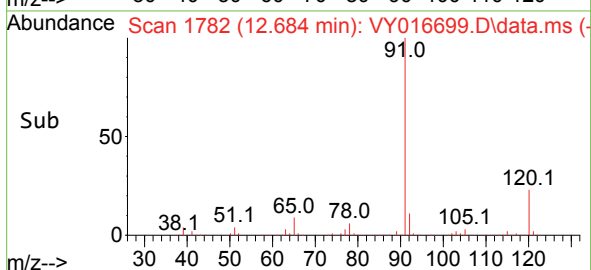
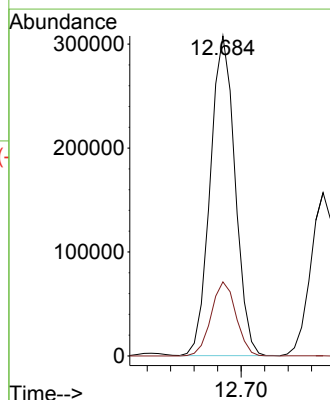
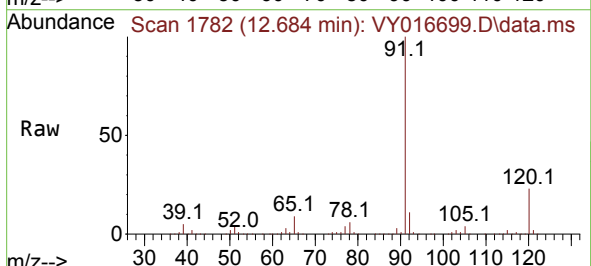
Acq: 19 Dec 2023 16:37

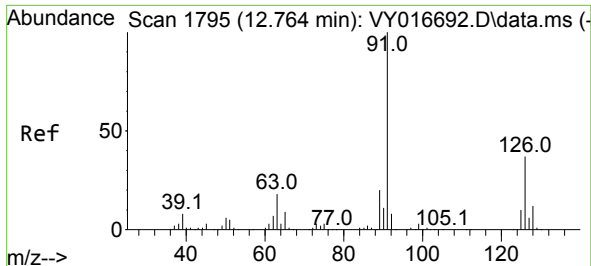
Tgt Ion: 91 Resp: 450684

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.7

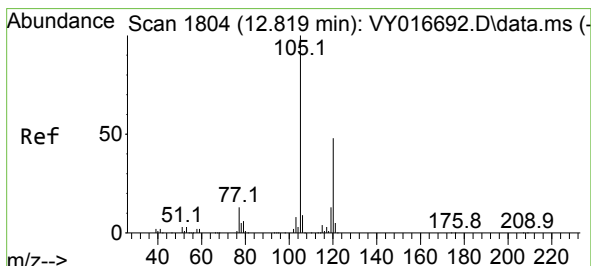
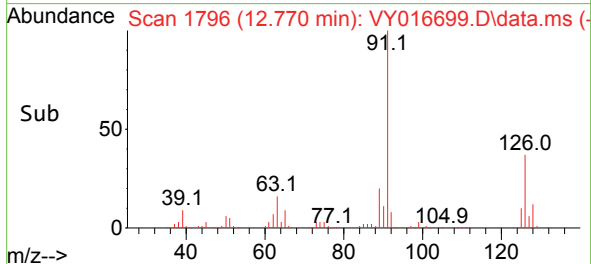
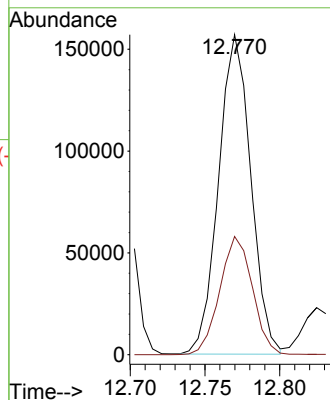
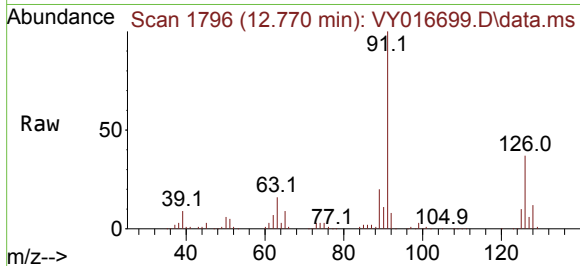




#79
2-Chlorotoluene
Concen: 49.818 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

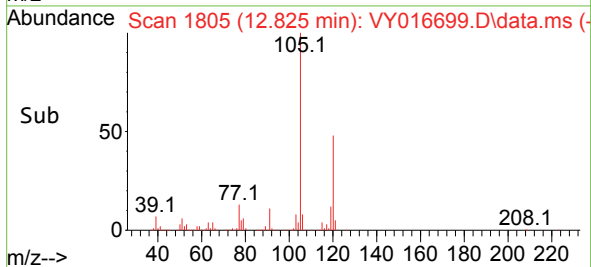
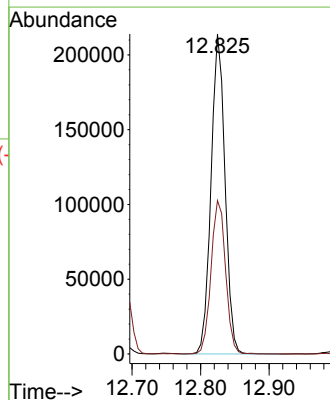
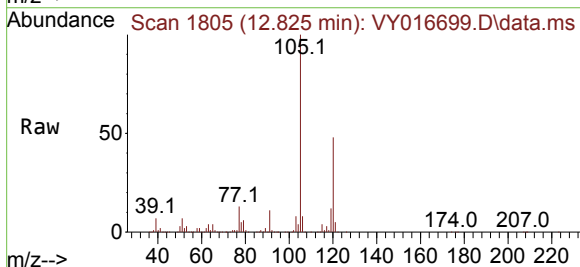
Instrument :
MSVOA_Y
ClientSampleId :

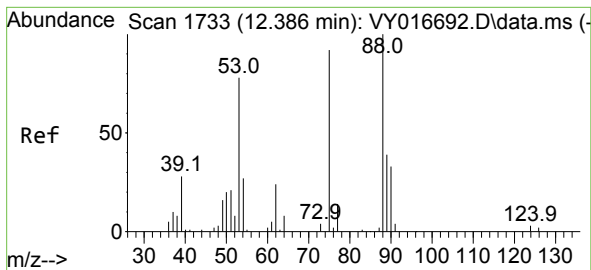
Tgt Ion: 91 Resp: 235369
Ion Ratio Lower Upper
91 100
126 37.5 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 52.173 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 105 Resp: 304173
Ion Ratio Lower Upper
105 100
120 49.8 25.2 75.6

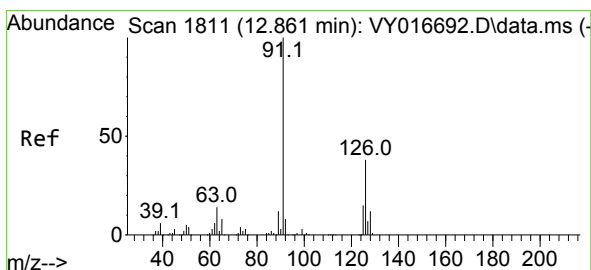
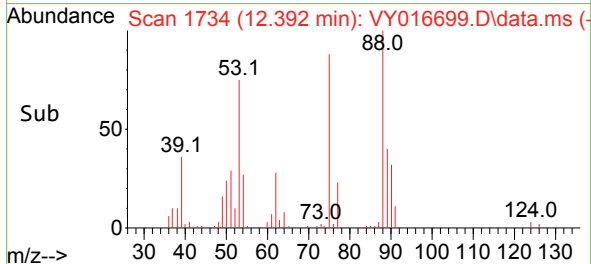
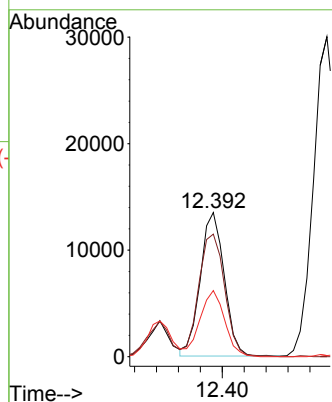
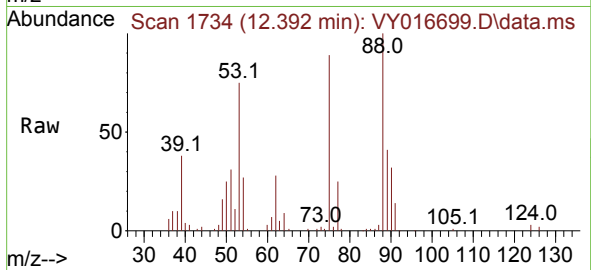




#81
trans-1,4-Dichloro-2-butene
Concen: 50.206 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

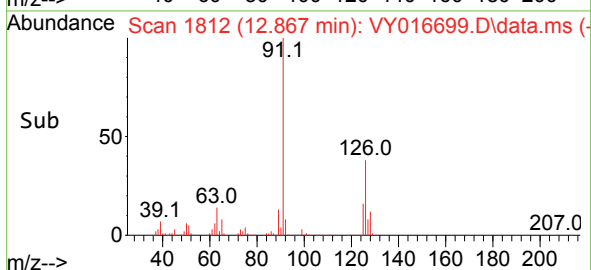
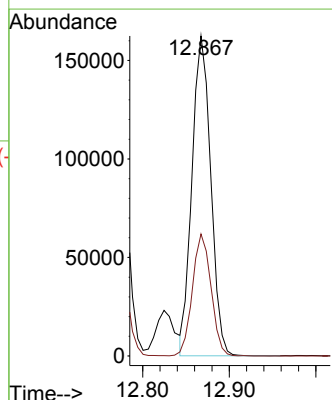
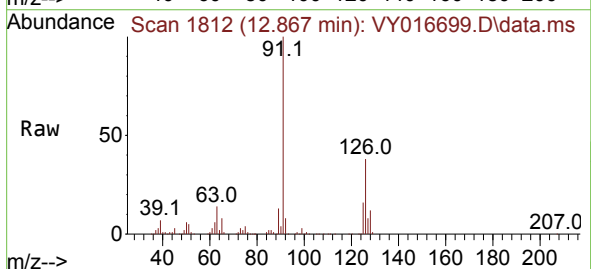
Instrument :
MSVOA_Y
ClientSampleId :

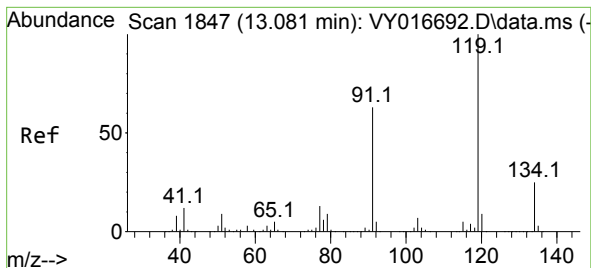
Tgt Ion: 75 Resp: 20467
Ion Ratio Lower Upper
75 100
53 92.9 62.9 94.3
89 47.9 35.8 53.8



#82
4-Chlorotoluene
Concen: 49.984 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion: 91 Resp: 244197
Ion Ratio Lower Upper
91 100
126 38.0 18.0 54.0





#83

tert-Butylbenzene

Concen: 50.996 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

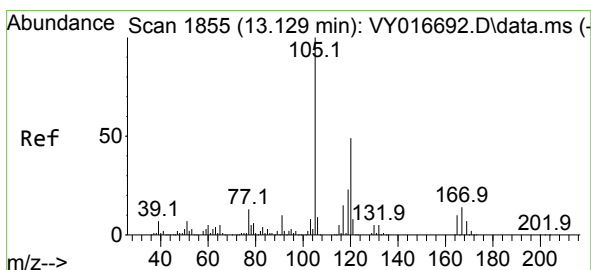
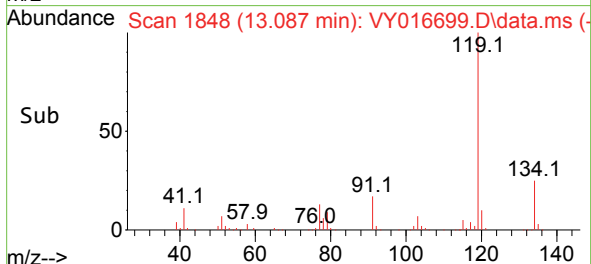
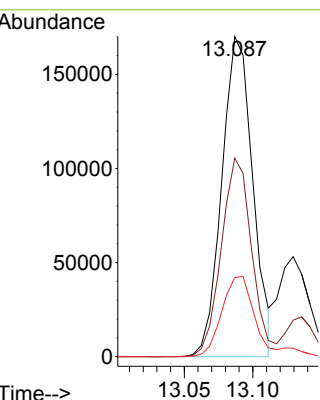
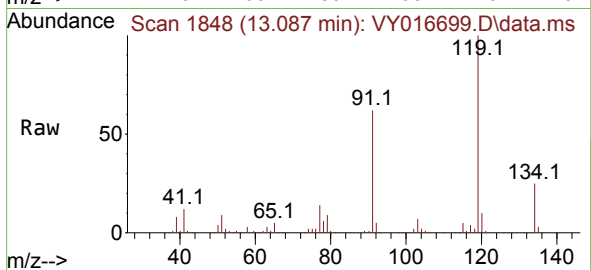
Tgt Ion:119 Resp: 267529

Ion Ratio Lower Upper

119 100

91 61.1 30.8 92.3

134 27.8 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 51.566 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016699.D

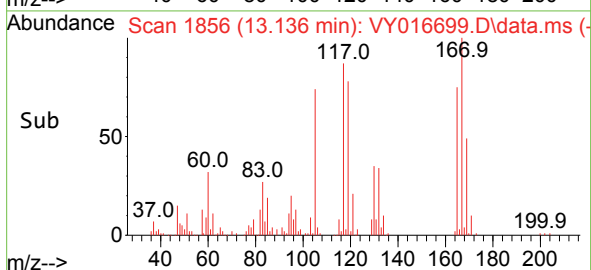
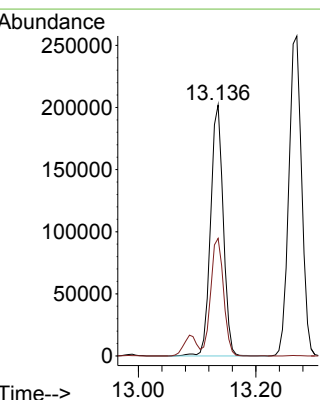
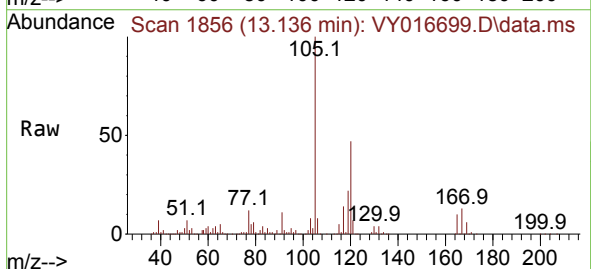
Acq: 19 Dec 2023 16:37

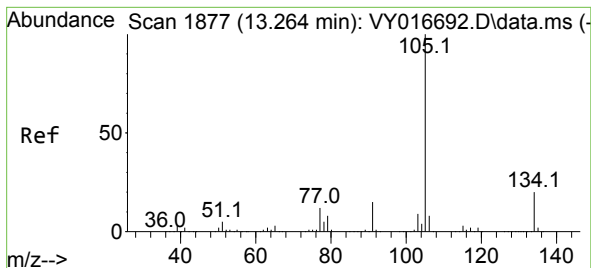
Tgt Ion:105 Resp: 301344

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 51.295 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

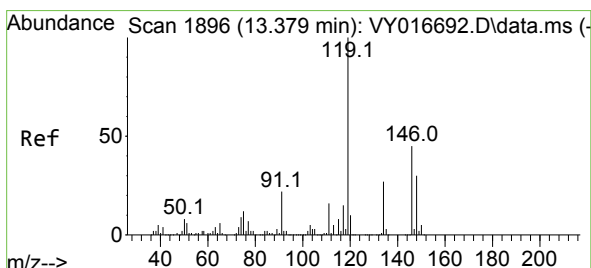
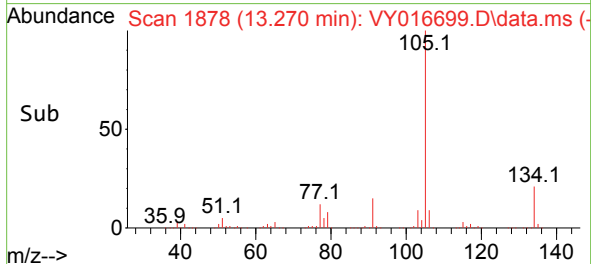
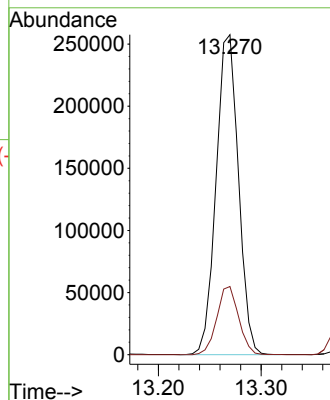
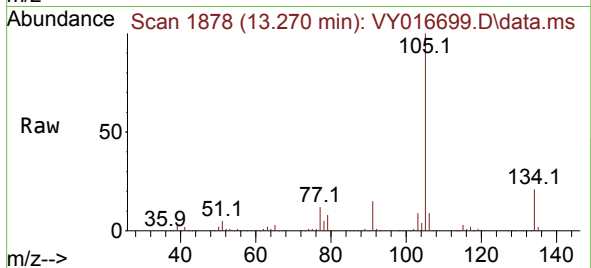
ClientSampleId :

Tgt Ion:105 Resp: 388070

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 52.513 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

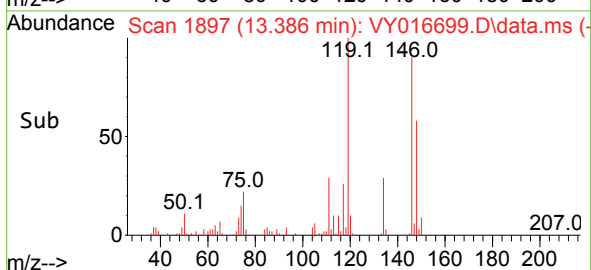
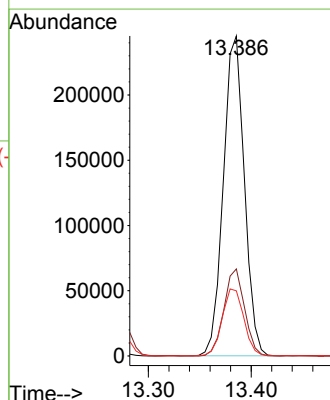
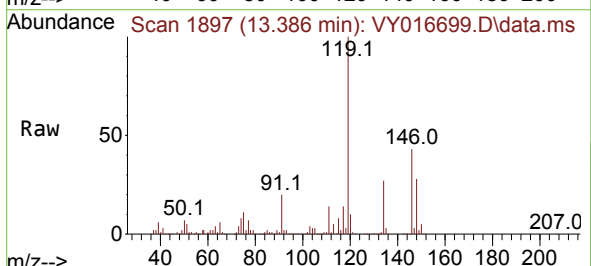
Tgt Ion:119 Resp: 347331

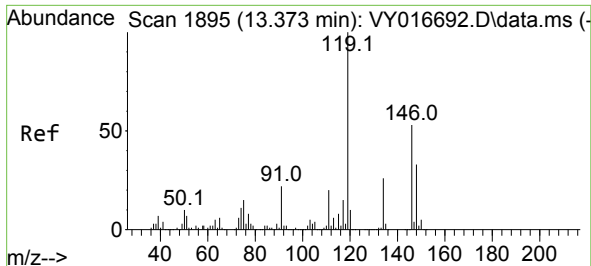
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 21.7 11.2 33.5

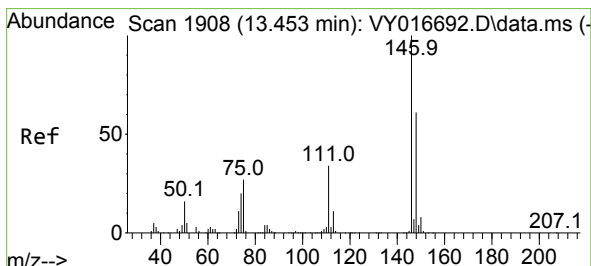
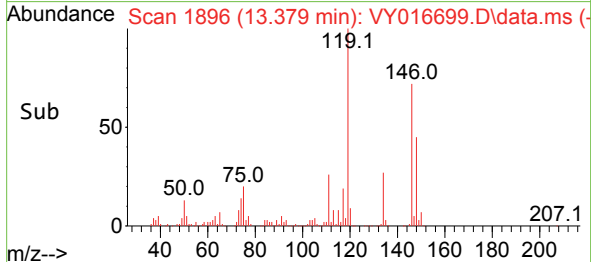
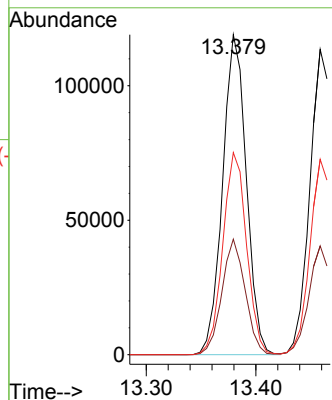
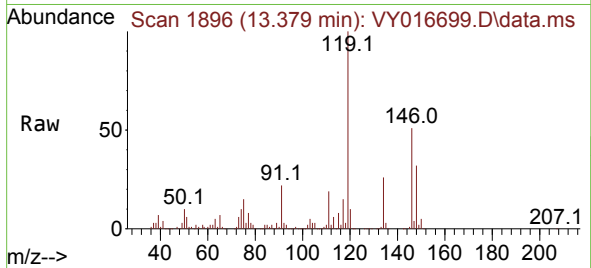




#87
1,3-Dichlorobenzene
Concen: 50.405 ug/l
RT: 13.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

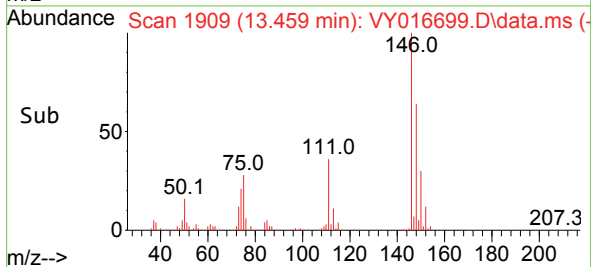
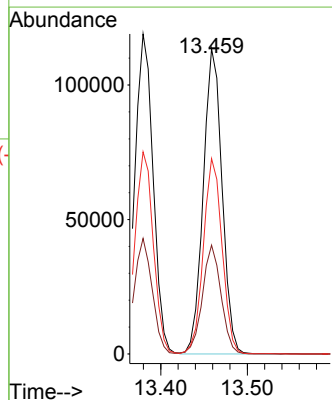
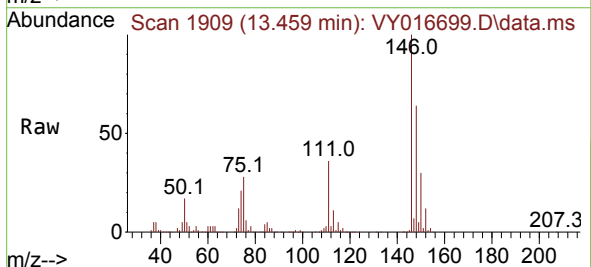
Instrument :
MSVOA_Y
ClientSampleId :

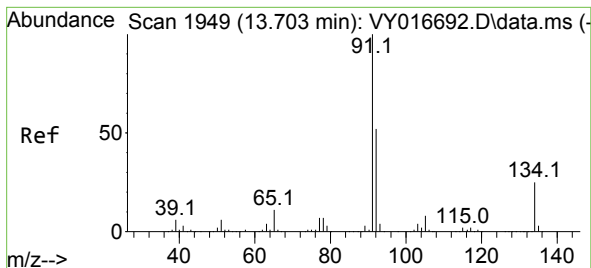
Tgt Ion:146 Resp: 178931
Ion Ratio Lower Upper
146 100
111 35.5 19.1 57.1
148 63.3 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 50.404 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016699.D
Acq: 19 Dec 2023 16:37

Tgt Ion:146 Resp: 171416
Ion Ratio Lower Upper
146 100
111 35.3 18.4 55.4
148 63.7 32.0 96.2





#89

n-Butylbenzene

Concen: 52.882 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

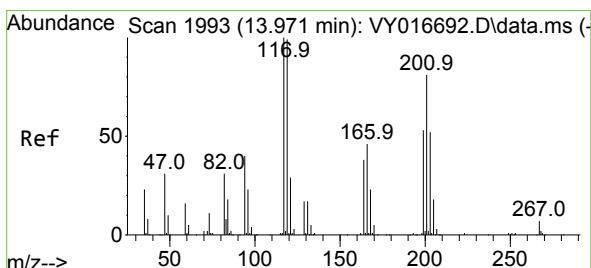
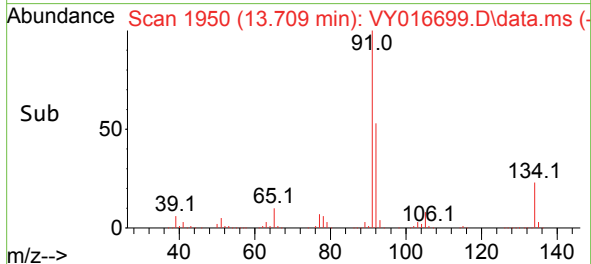
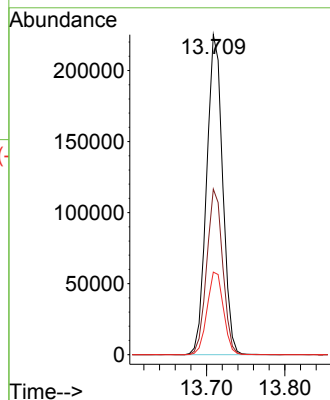
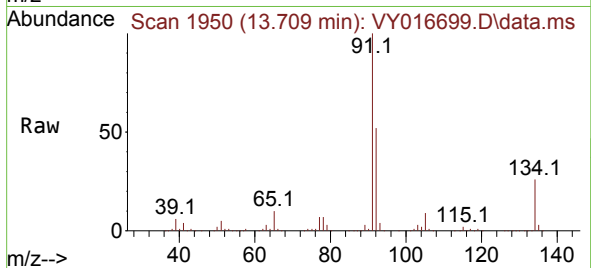
Tgt Ion: 91 Resp: 319740

Ion Ratio Lower Upper

91 100

92 51.5 26.5 79.5

134 26.3 13.7 41.1



#90

Hexachloroethane

Concen: 50.878 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016699.D

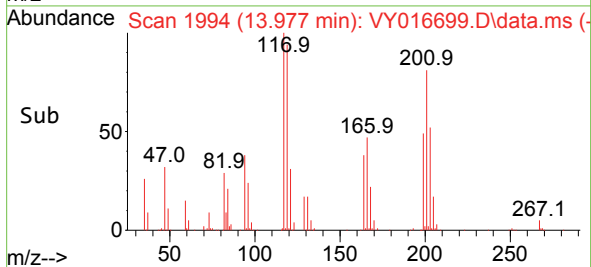
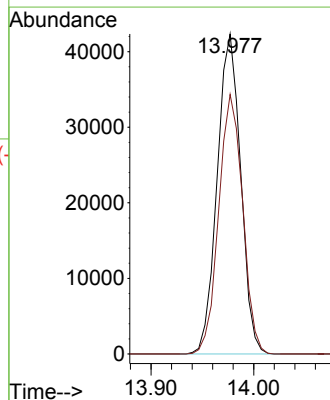
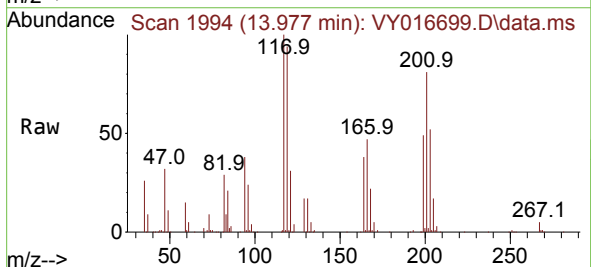
Acq: 19 Dec 2023 16:37

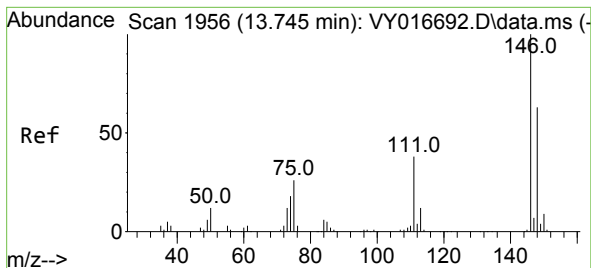
Tgt Ion: 117 Resp: 67066

Ion Ratio Lower Upper

117 100

201 82.6 41.5 124.5





#91

1,2-Dichlorobenzene

Concen: 51.113 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

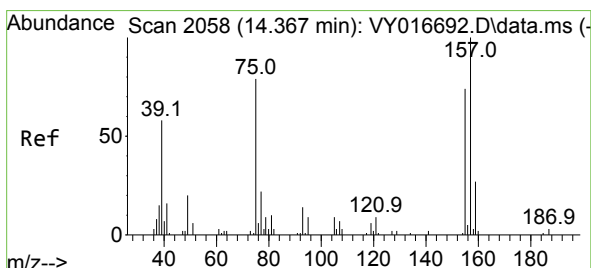
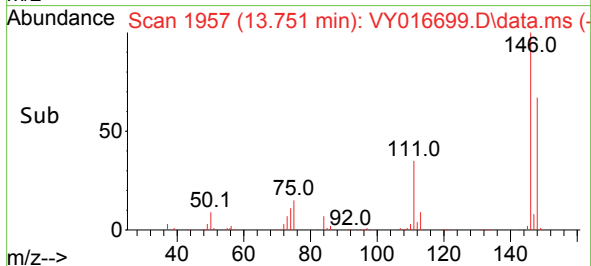
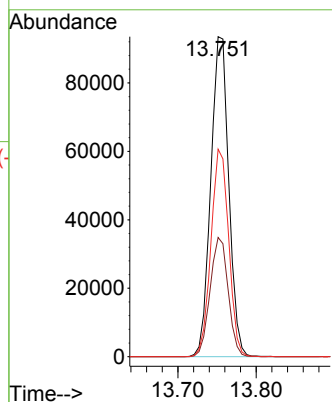
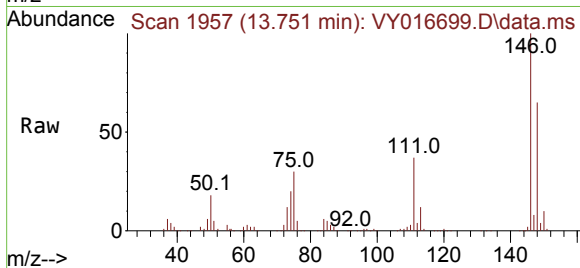
Tgt Ion:146 Resp: 149065

Ion Ratio Lower Upper

146 100

111 37.5 19.5 58.5

148 63.9 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.854 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

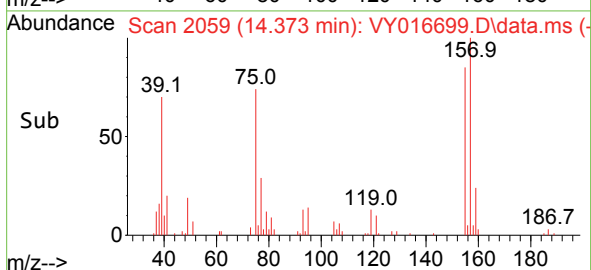
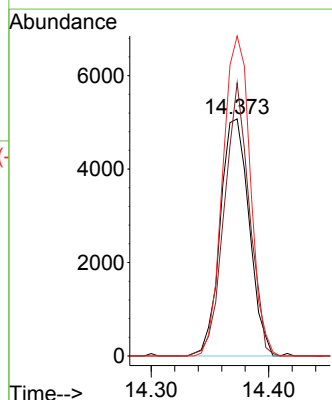
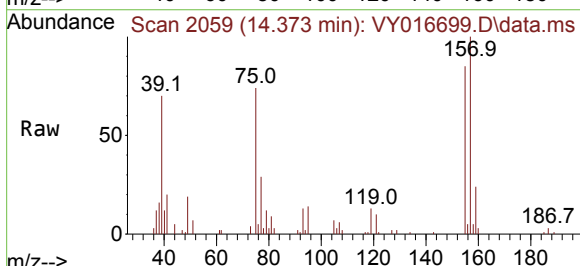
Tgt Ion: 75 Resp: 8686

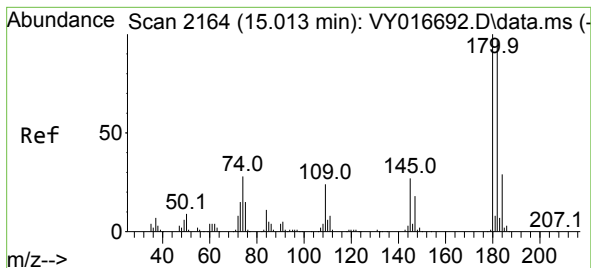
Ion Ratio Lower Upper

75 100

155 99.7 49.4 148.2

157 128.3 64.4 193.2





#93

1,2,4-Trichlorobenzene

Concen: 53.830 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

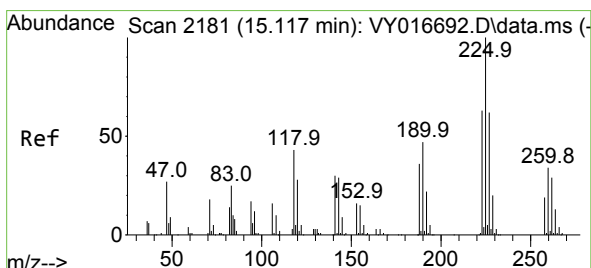
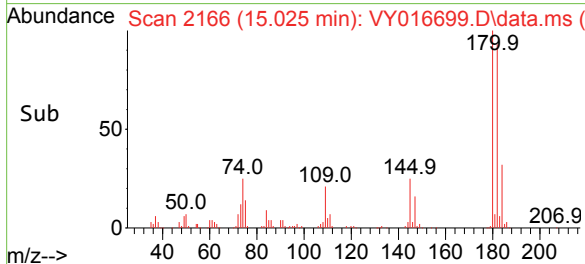
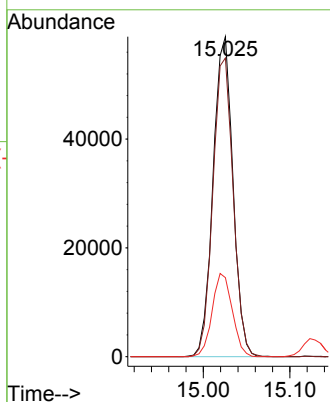
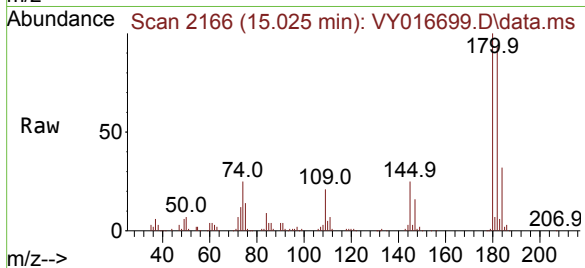
Tgt Ion:180 Resp: 93841

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 26.3 14.8 44.4



#94

Hexachlorobutadiene

Concen: 52.977 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.012 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

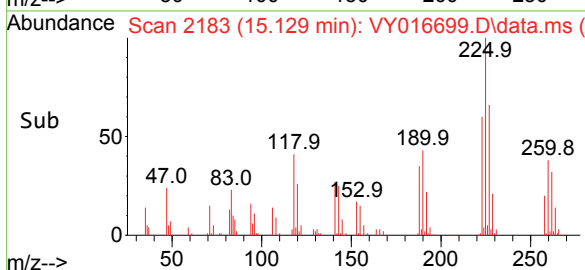
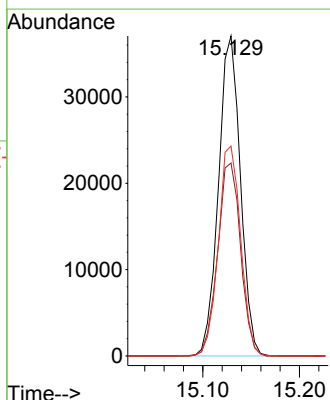
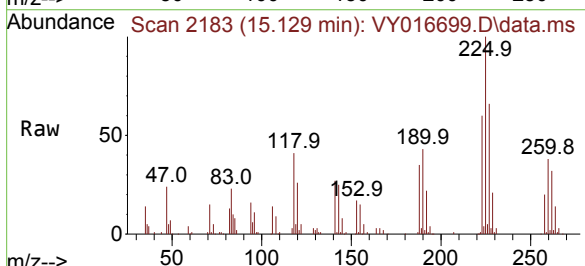
Tgt Ion:225 Resp: 58370

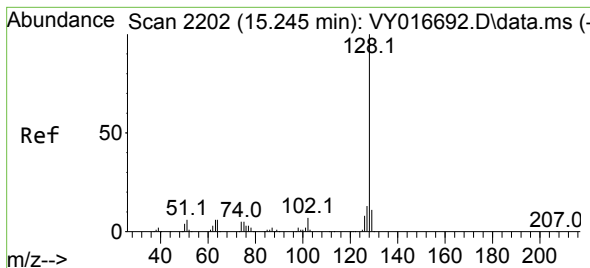
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.2

227 66.7 31.9 95.9





#95

Naphthalene

Concen: 54.519 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

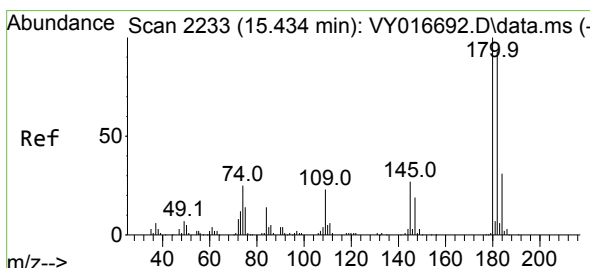
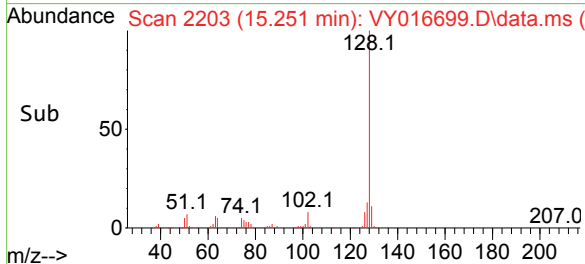
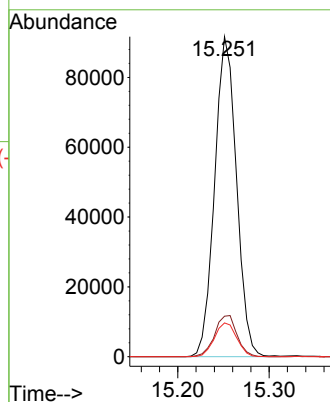
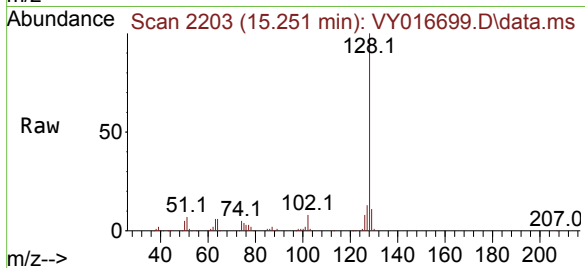
Tgt Ion:128 Resp: 152138

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.649 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016699.D

Acq: 19 Dec 2023 16:37

Tgt Ion:180 Resp: 79104

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 28.0 15.5 46.5

