

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016166.D
 Acq On : 01 Nov 2023 14:16
 Operator : SY/MD
 Sample : 05102-08
 Misc : 4.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 02:25:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	129461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	197311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	71102	58.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.380%
35) Dibromofluoromethane	7.728	113	58515	45.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.320%
50) Toluene-d8	10.191	98	258208	50.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.620%
62) 4-Bromofluorobenzene	12.489	95	93998	54.097	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	2229	24.627	ug/l #	89
13) Acrolein	3.747	56	98	Below Cal	#	14
16) Acetone	3.954	43	12533	49.509	ug/l	98
20) Methylene Chloride	4.728	84	17677	12.034	ug/l #	83
25) 2-Butanone	6.996	43	3023	9.045	ug/l	93
29) Tetrahydrofuran	7.362	42	217	1.036	ug/l #	35
30) Chloroform	7.520	83	7237	3.134	ug/l	95
31) Cyclohexane	7.783	56	30826	16.553	ug/l #	79
36) 1,1-Dichloropropene	7.795	75	9753	5.270	ug/l #	53
38) Carbon Tetrachloride	7.795	117	12697	6.925	ug/l #	16
39) Methylcyclohexane	9.191	83	94504	42.780	ug/l	94
40) Benzene	8.167	78	18928	3.563	ug/l	96
41) Methacrylonitrile	7.368	41	1189	2.485	ug/l #	35
42) 1,2-Dichloroethane	8.252	62	6526	4.401	ug/l #	78
43) Isopropyl Acetate	8.276	43	8901	5.459	ug/l #	55
47) Bromodichloromethane	9.496	83	8214	4.459	ug/l #	46
48) Methyl methacrylate	9.252	41	8483	11.442	ug/l #	43
49) 1,4-Dioxane	9.301	88	134	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.081	43	4323	5.314	ug/l #	75
52) Toluene	10.252	92	7793	2.264	ug/l	93
55) 1,1,2-Trichloroethane	10.630	97	46659	45.749	ug/l #	19
56) Ethyl methacrylate	10.532	69	4797	3.622	ug/l #	13
58) 2-Chloroethyl Vinyl ether	9.782	63	830	1.292	ug/l #	48
59) 2-Hexanone	10.812	43	23667	42.452	ug/l #	34
65) Chlorobenzene	11.526	112	9791	2.498	ug/l	96
67) Ethyl Benzene	11.599	91	208038	29.671	ug/l	98
68) m/p-Xylenes	11.715	106	4761	1.757	ug/l	83
73) Isopropylbenzene	12.337	105	74061	10.883	ug/l	100
74) N-amyl acetate	12.129	43	18791	12.707	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.568	83	1207	1.115	ug/l #	1
76) 1,2,3-Trichloropropane	12.678	75	2920	3.418	ug/l #	100
77) Bromobenzene	12.434	156	117109	76.002	ug/l #	1
78) n-propylbenzene	12.678	91	440780	54.788	ug/l	99
79) 2-Chlorotoluene	12.824	91	14272	3.181	ug/l #	46
80) 1,3,5-Trimethylbenzene	12.818	105	125307	22.729	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.337	75	1575	3.997	ug/l #	69

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

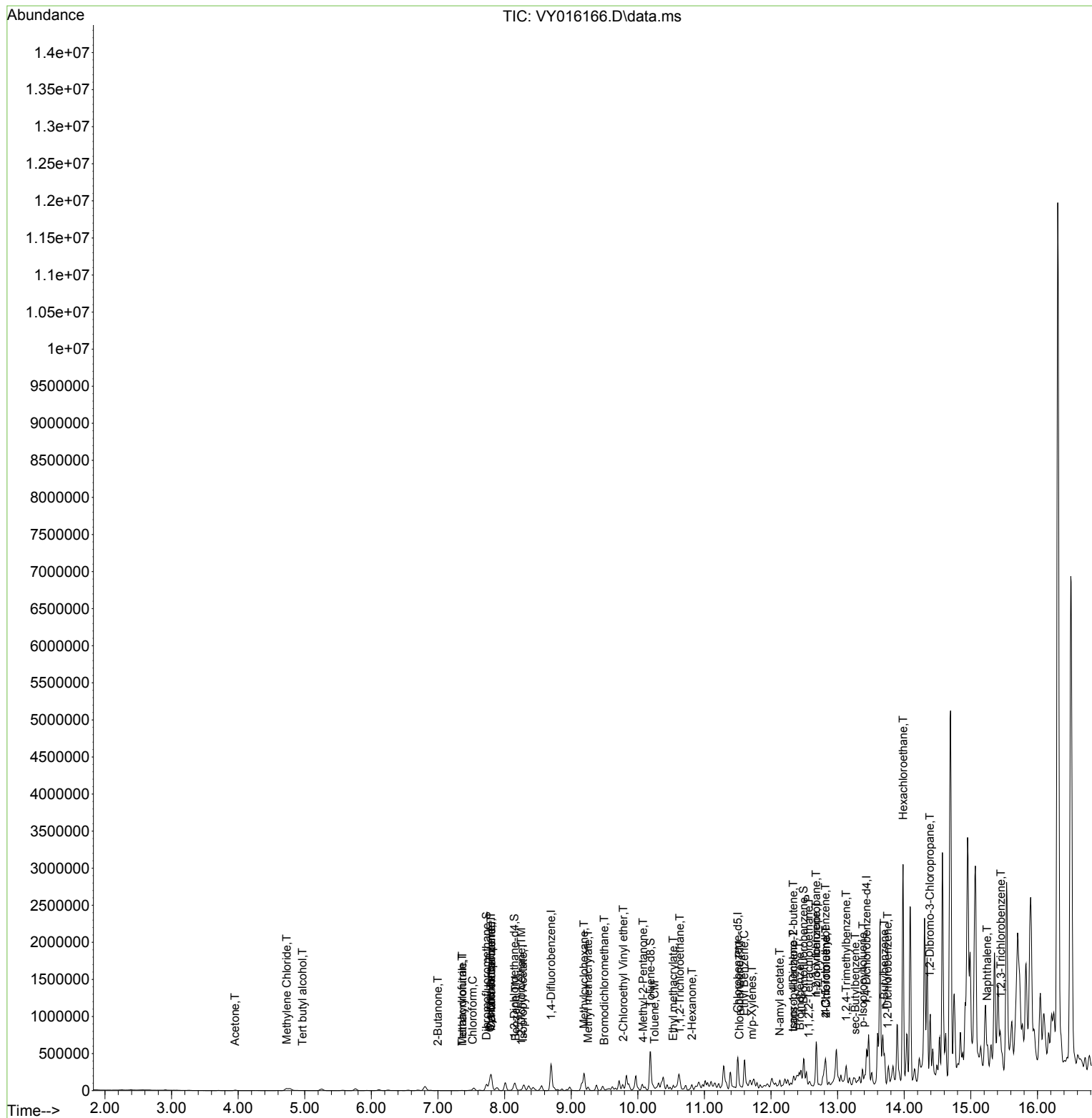
82) 4-Chlorotoluene	12.824	91	14272	3.097	ug/l #	46
84) 1,2,4-Trimethylbenzene	13.129	105	110077	20.178	ug/l	98
85) sec-Butylbenzene	13.263	105	47569	6.570	ug/l #	49
86) p-Isopropyltoluene	13.379	119	46374	7.728	ug/l	99
89) n-Butylbenzene	13.702	91	242839	44.044	ug/l #	76
90) Hexachloroethane	13.983	117	135738	131.265	ug/l #	8
91) 1,2-Dichlorobenzene	13.751	146	2867	1.089	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.385	75	2359	12.173	ug/l #	17
95) Naphthalene	15.245	128	57672	18.267	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.452	180	1393	1.003	ug/l #	1

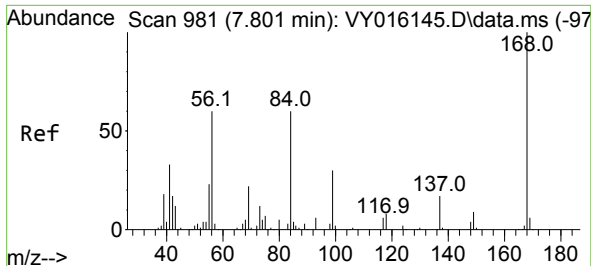
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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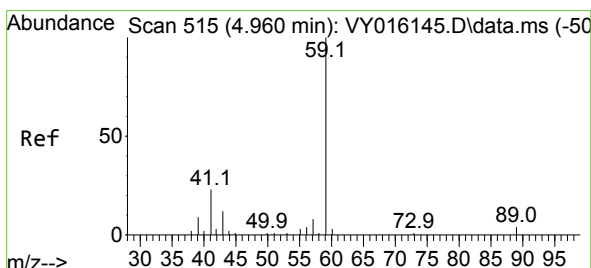
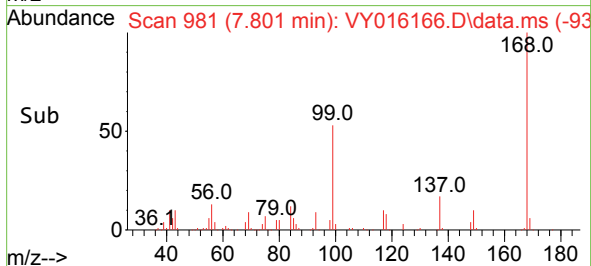
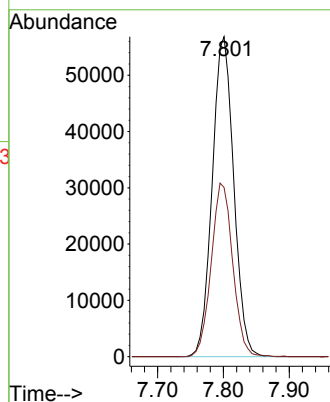
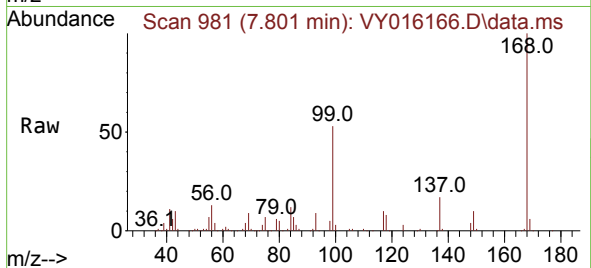




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

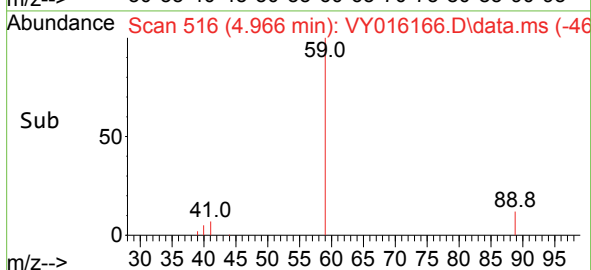
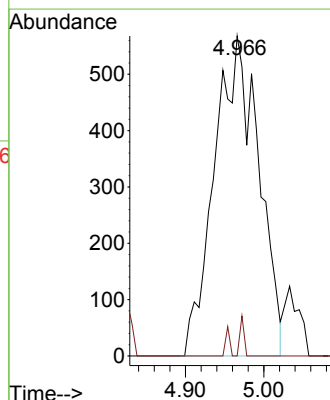
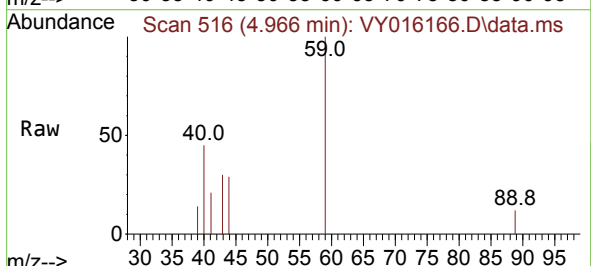
Instrument :
MSVOA_Y
ClientSampleId :

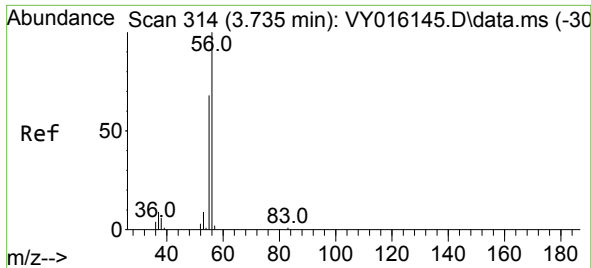
Tgt Ion:168 Resp: 129461
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 24.627 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

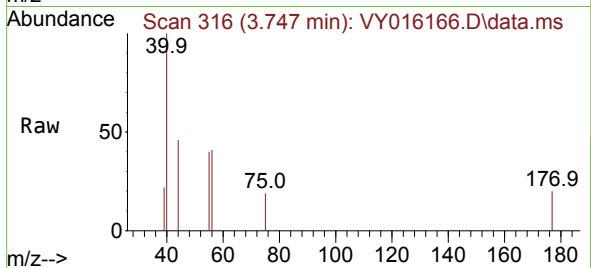
Tgt Ion: 59 Resp: 2229
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



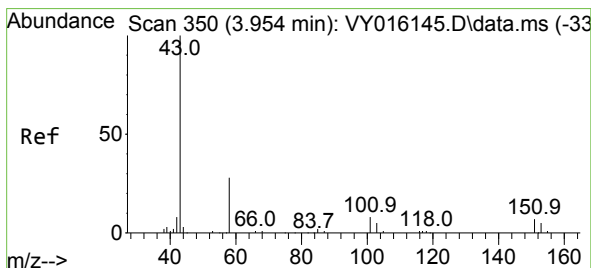
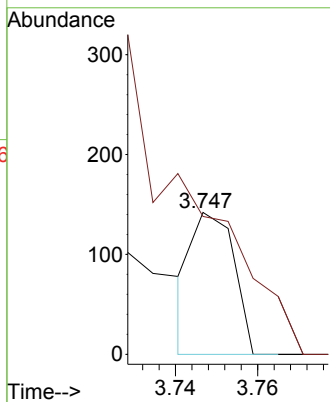
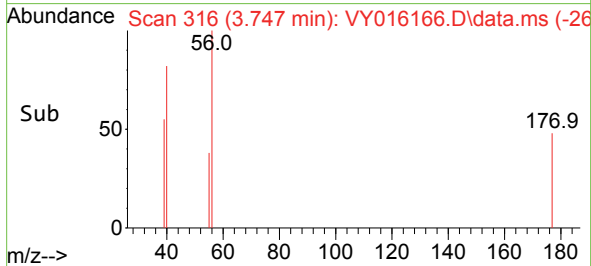


#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Instrument :
MSVOA_Y
ClientSampleId :

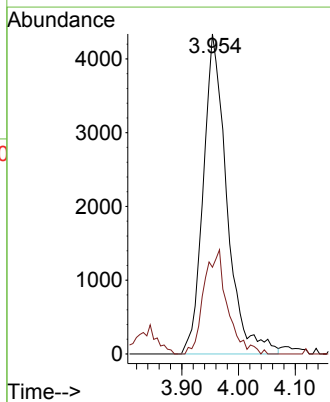
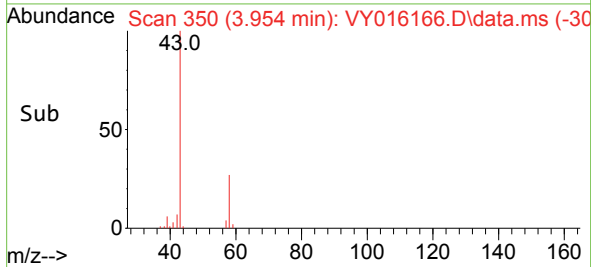
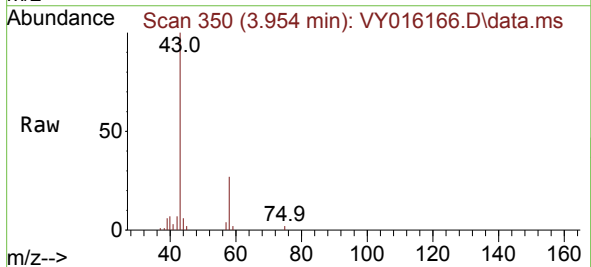


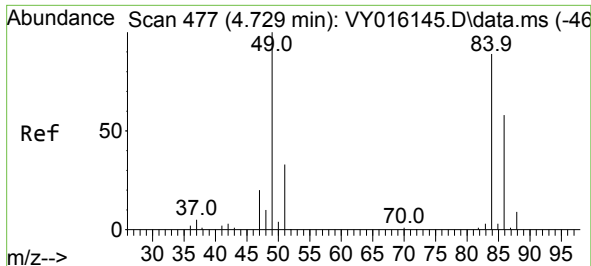
Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



#16
Acetone
Concen: 49.509 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Tgt Ion: 43 Resp: 12533
Ion Ratio Lower Upper
43 100
58 27.1 22.7 34.1





#20

Methylene Chloride

Concen: 12.034 ug/l

RT: 4.728 min Scan# 41

Delta R.T. -0.001 min

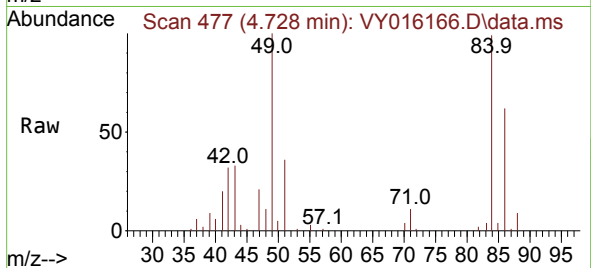
Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 17677

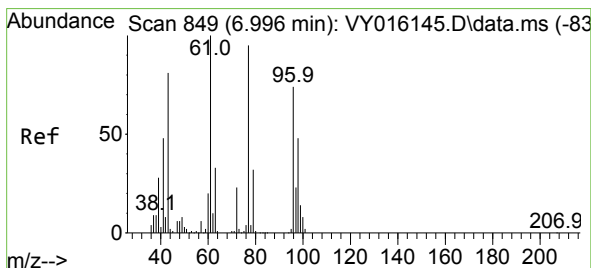
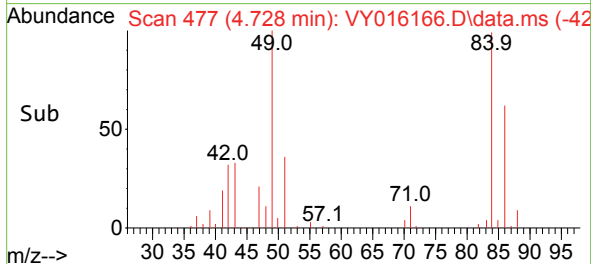
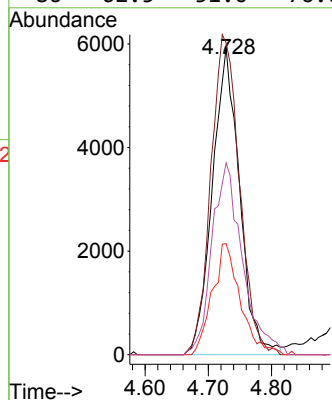
Ion Ratio Lower Upper

84 100

49 101.5 106.9 160.3#

51 36.2 33.2 49.8

86 62.5 51.0 76.6



#25

2-Butanone

Concen: 9.045 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016166.D

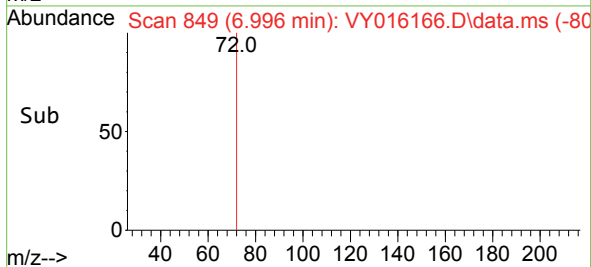
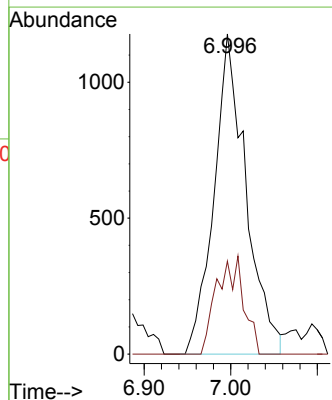
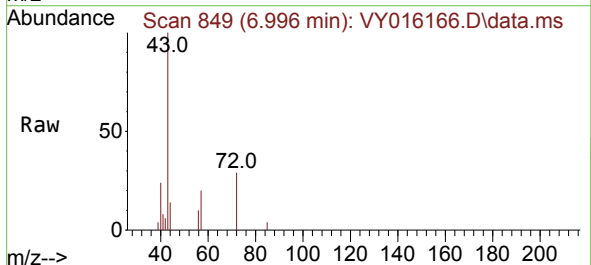
Acq: 01 Nov 2023 14:16

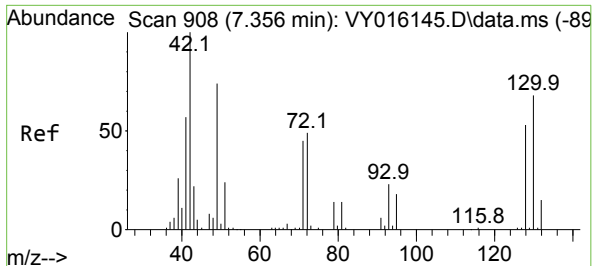
Tgt Ion: 43 Resp: 3023

Ion Ratio Lower Upper

43 100

72 29.0 20.5 30.7





#29

Tetrahydrofuran

Concen: 1.036 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

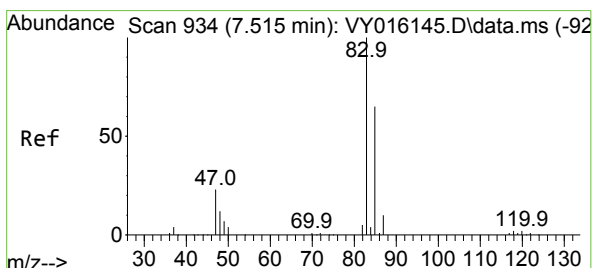
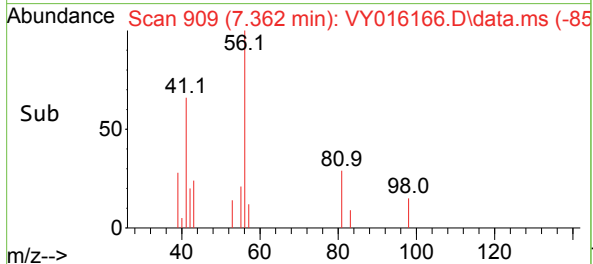
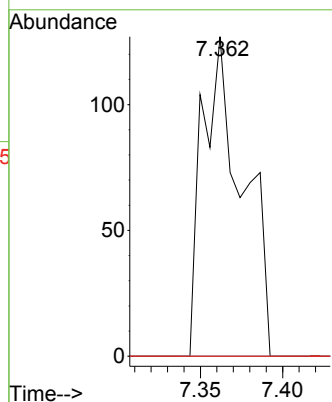
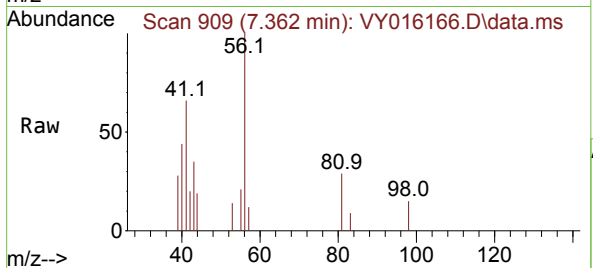
Tgt Ion: 42 Resp: 217

Ion Ratio Lower Upper

42 100

72 0.0 32.8 49.2#

71 0.0 31.0 46.4#



#30

Chloroform

Concen: 3.134 ug/l

RT: 7.520 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016166.D

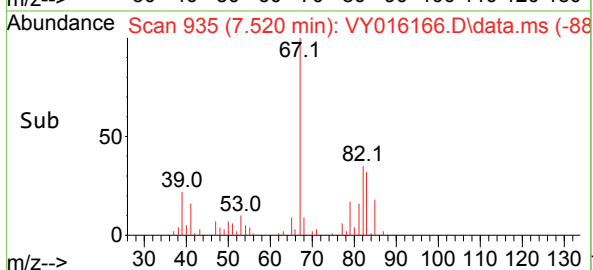
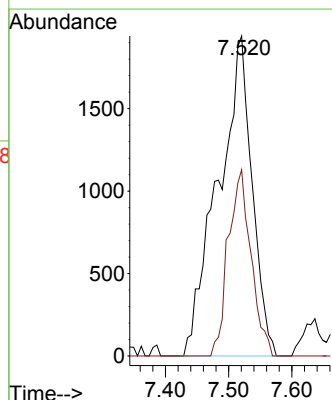
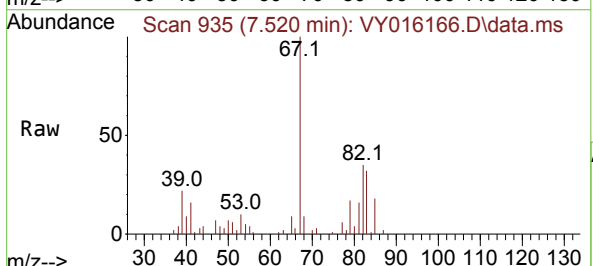
Acq: 01 Nov 2023 14:16

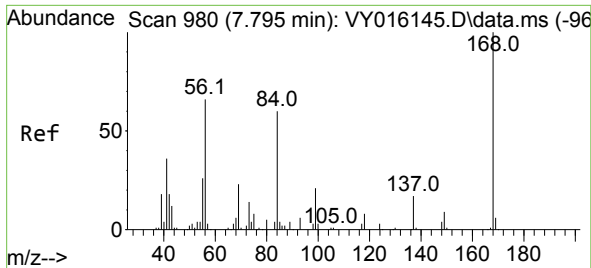
Tgt Ion: 83 Resp: 7237

Ion Ratio Lower Upper

83 100

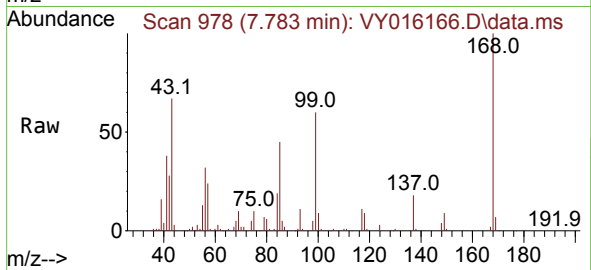
85 58.2 49.7 74.5



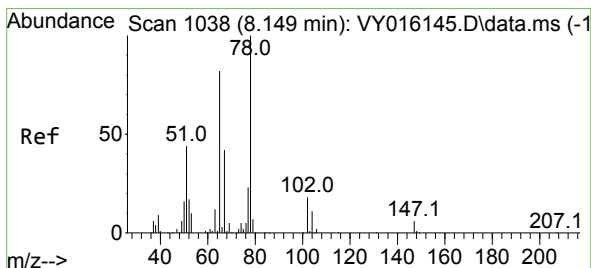
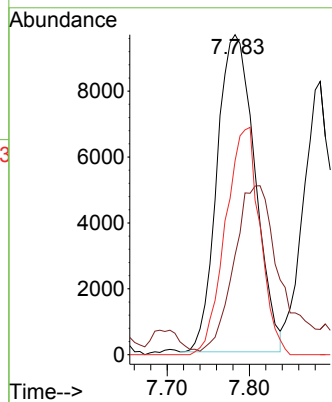
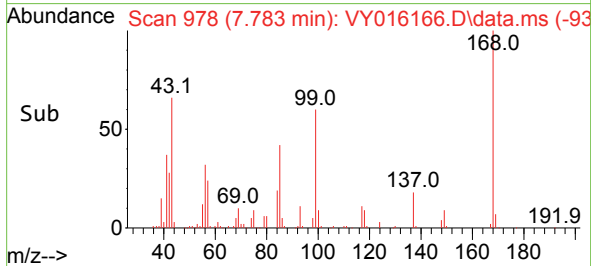


#31
Cyclohexane
Concen: 16.553 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
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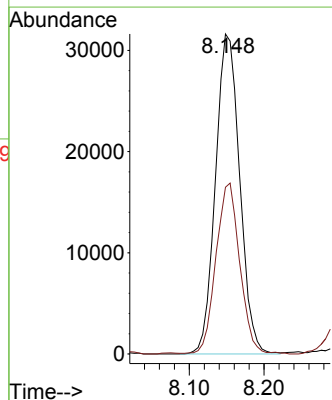
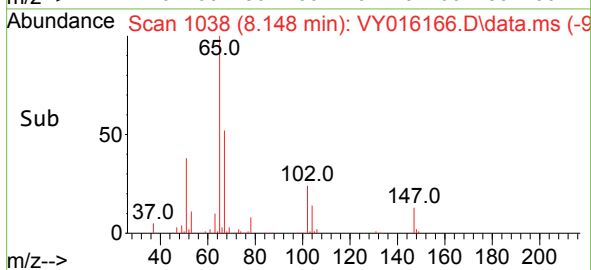
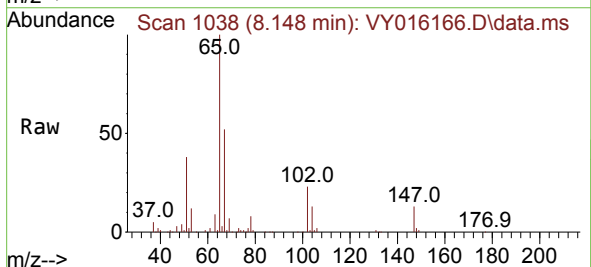


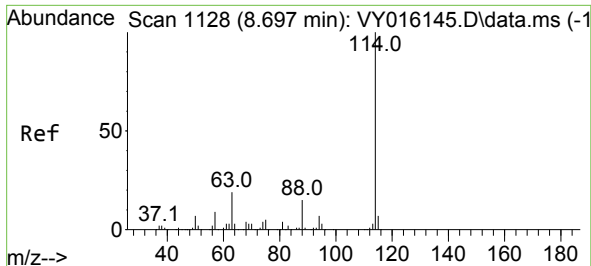
Tgt Ion: 56 Resp: 30826
Ion Ratio Lower Upper
56 100
69 27.3 27.8 41.6#
84 61.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.694 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Tgt Ion: 65 Resp: 71102
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

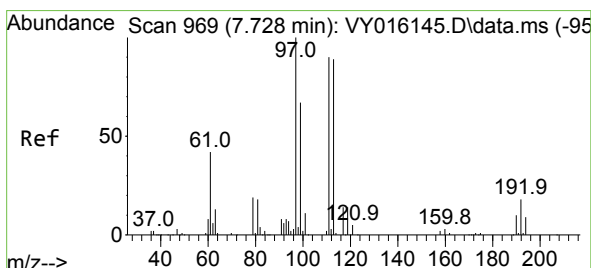
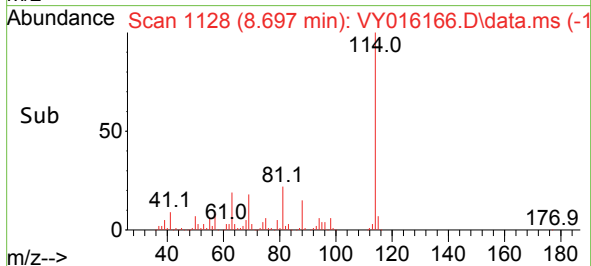
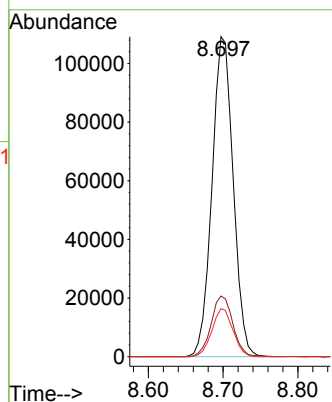
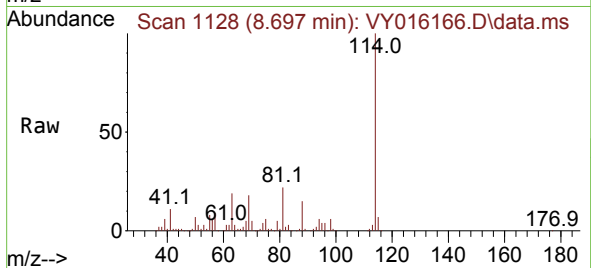
Tgt Ion:114 Resp: 214978

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.656 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

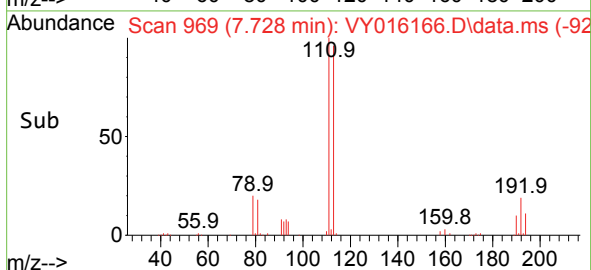
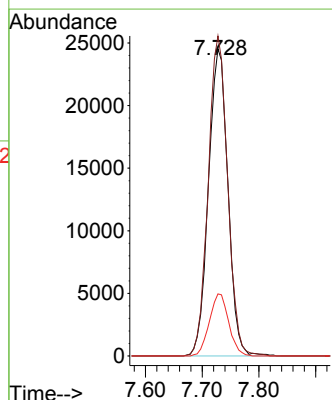
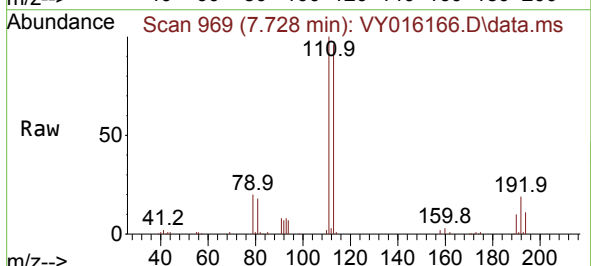
Tgt Ion:113 Resp: 58515

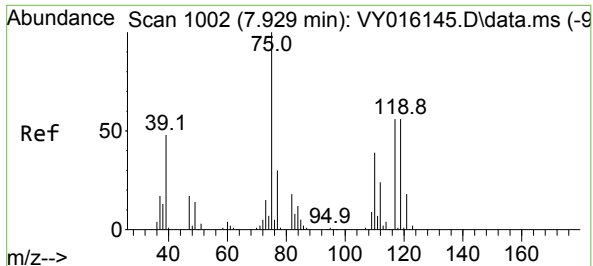
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

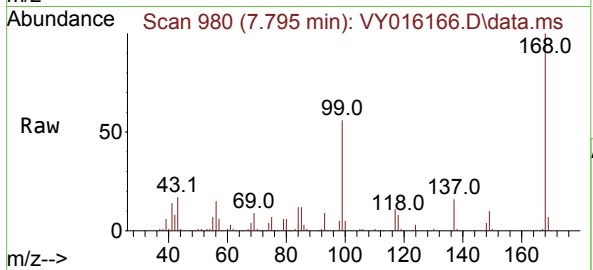
192 20.1 16.9 25.3



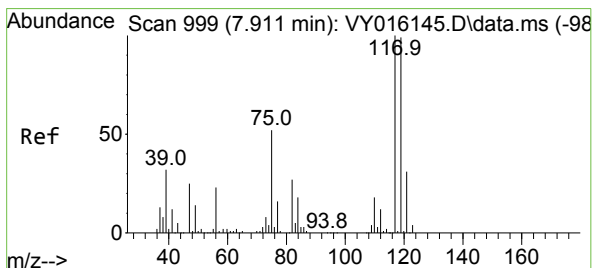
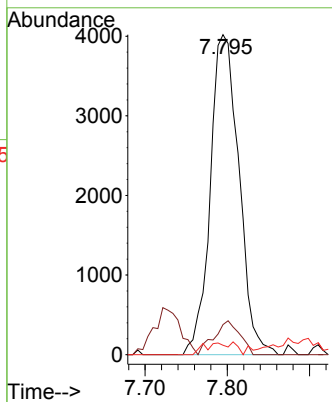
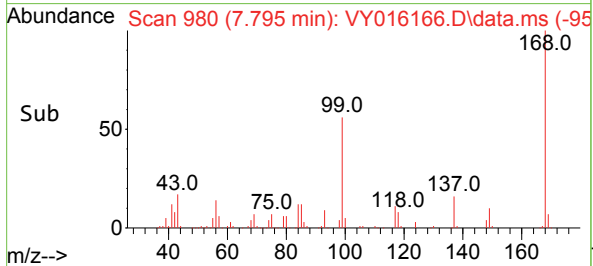


#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Instrument :
MSVOA_Y
ClientSampleId :

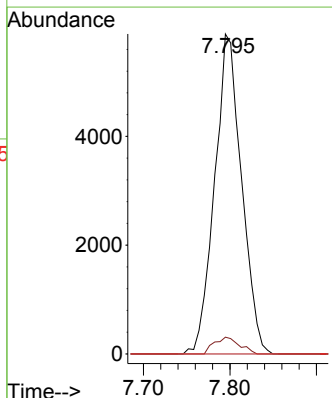
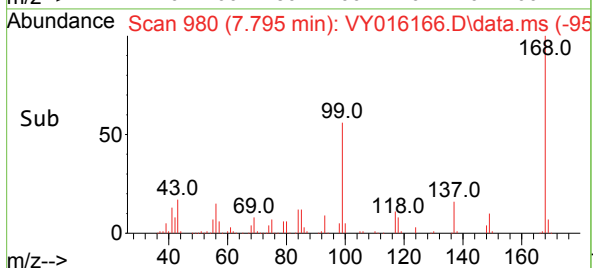
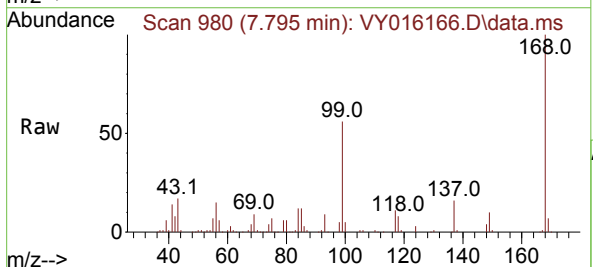


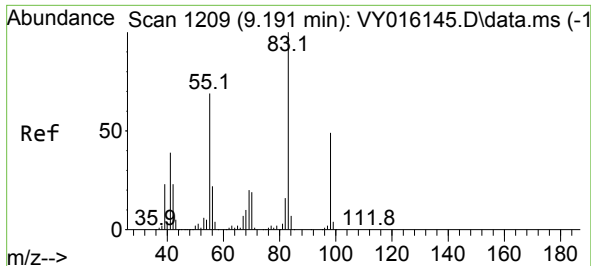
Tgt Ion: 75 Resp: 9753
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 3.9 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.925 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Tgt Ion: 117 Resp: 12697
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#

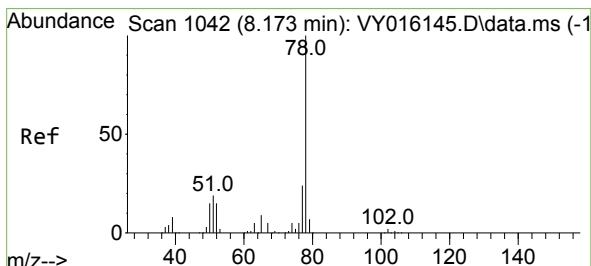
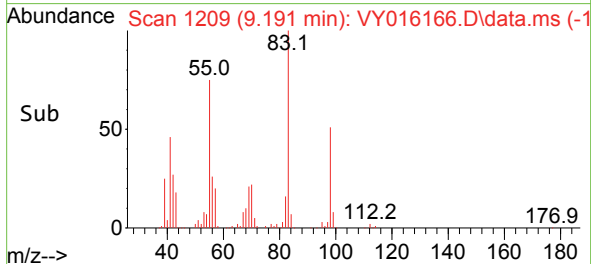
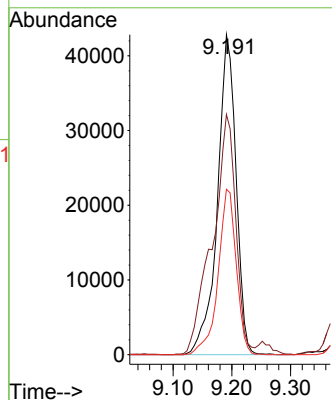
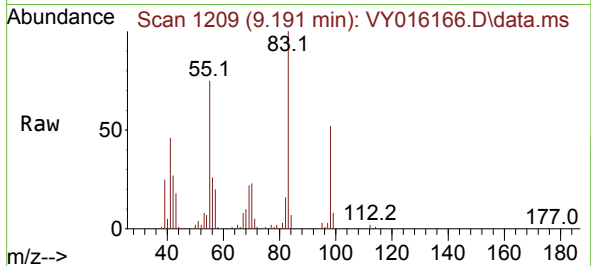




#39
Methylcyclohexane
Concen: 42.780 ug/l
RT: 9.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

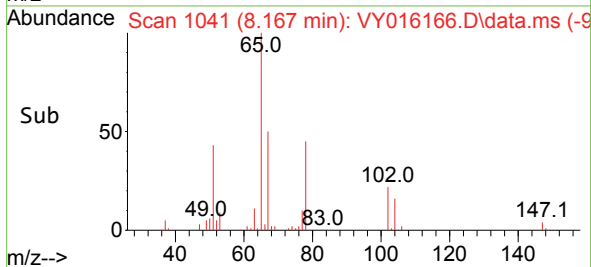
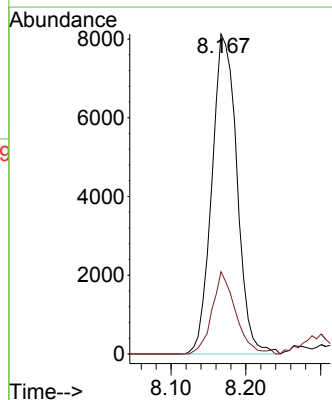
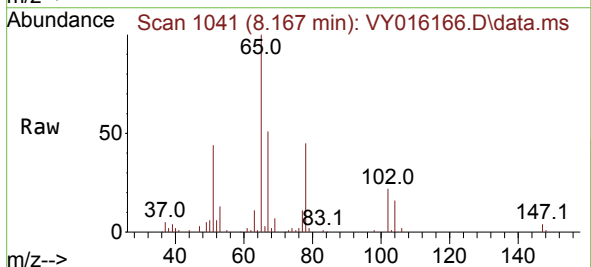
Instrument :
MSVOA_Y
ClientSampleId :

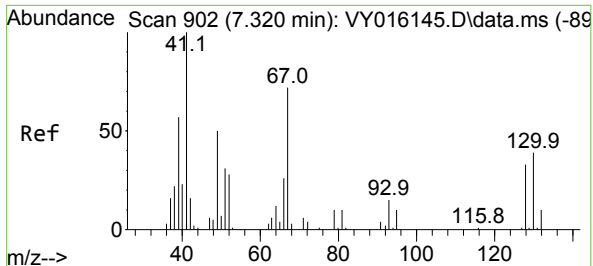
Tgt Ion: 83 Resp: 94504
Ion Ratio Lower Upper
83 100
55 74.8 63.0 94.4
98 51.7 37.4 56.2



#40
Benzene
Concen: 3.563 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

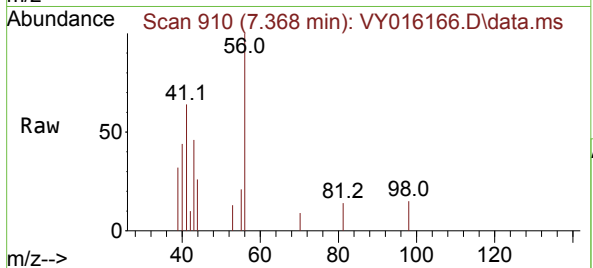
Tgt Ion: 78 Resp: 18928
Ion Ratio Lower Upper
78 100
77 25.7 19.0 28.6



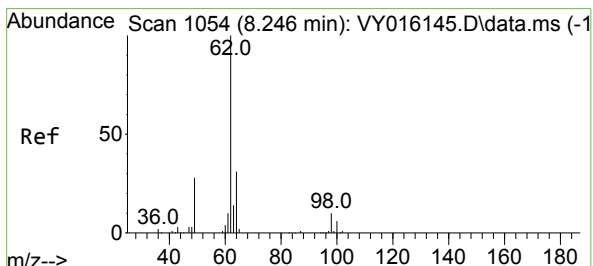
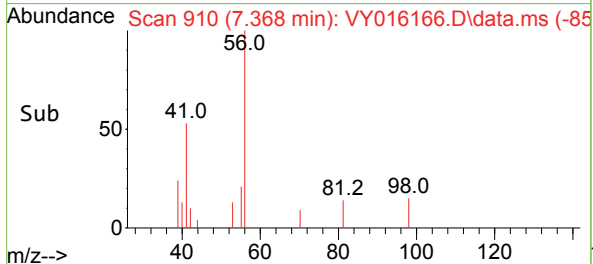
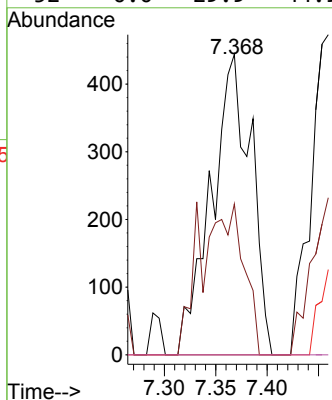


#41
Methacrylonitrile
Concen: 2.485 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.048 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Instrument :
MSVOA_Y
ClientSampleId :

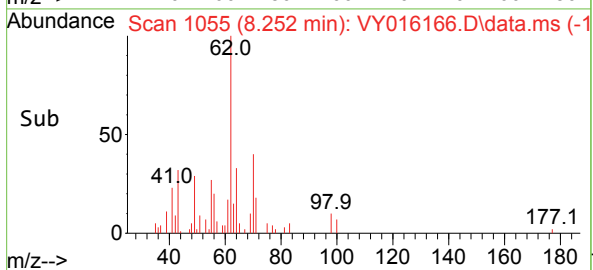
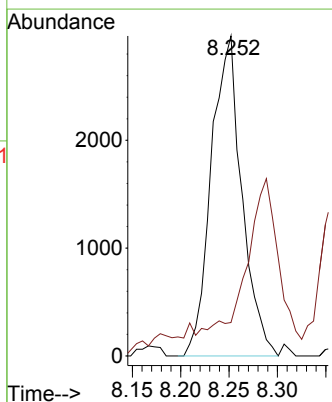
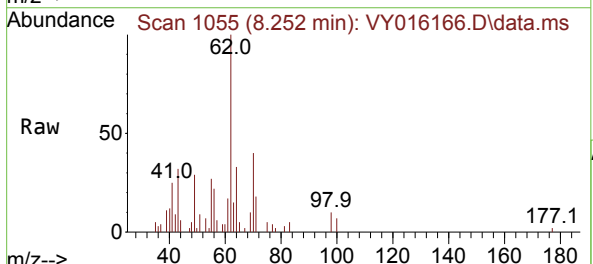


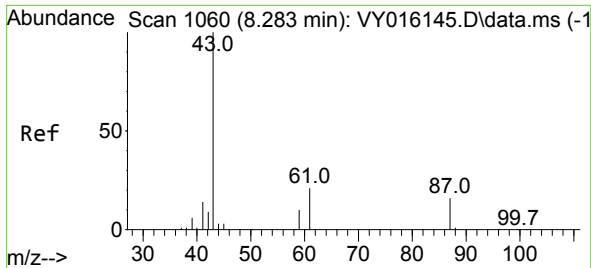
Tgt Ion: 41 Resp: 1189
Ion Ratio Lower Upper
41 100
39 40.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 4.401 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Tgt Ion: 62 Resp: 6526
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8

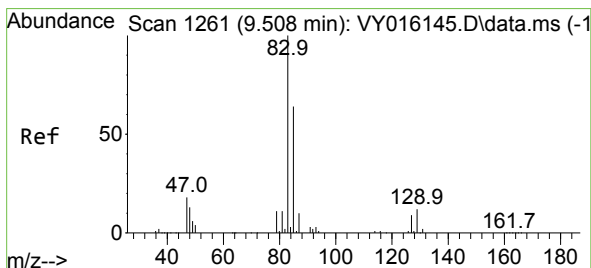
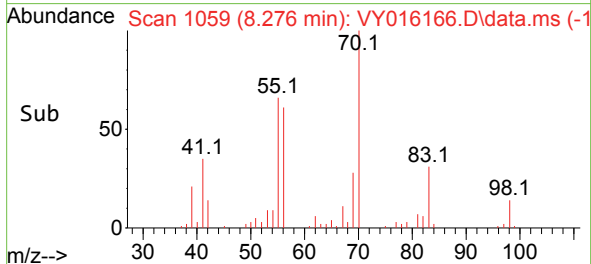
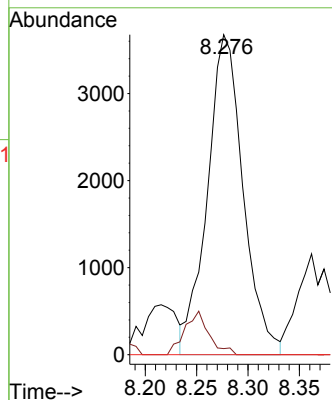
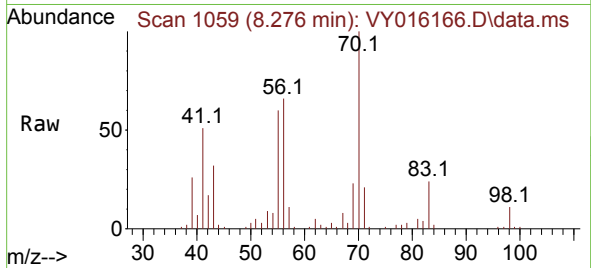




#43
Isopropyl Acetate
Concen: 5.459 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

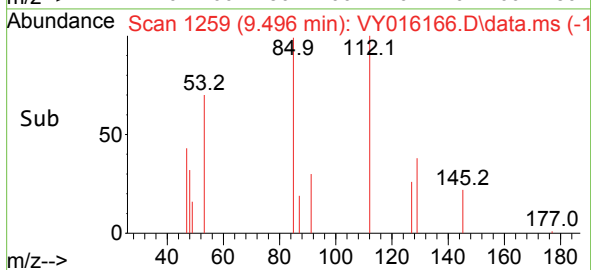
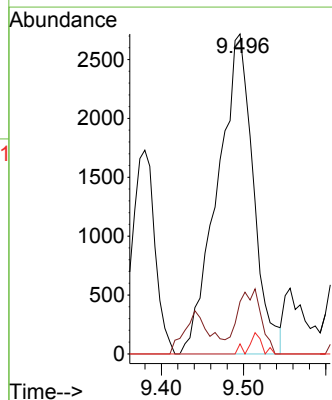
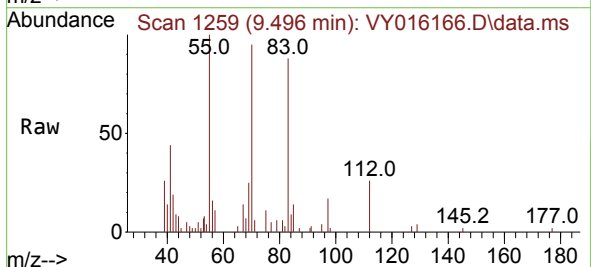
Instrument :
MSVOA_Y
ClientSampleId :

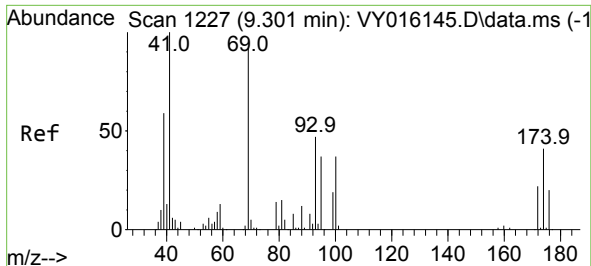
Tgt Ion: 43 Resp: 8901
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#



#47
Bromodichloromethane
Concen: 4.459 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.013 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Tgt Ion: 83 Resp: 8214
Ion Ratio Lower Upper
83 100
85 16.3 50.1 75.1#
127 3.1 7.1 10.7#





#48

Methyl methacrylate

Concen: 11.442 ug/l

RT: 9.252 min Scan# 1219

Delta R.T. -0.049 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

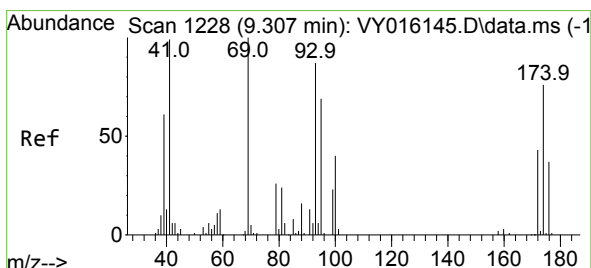
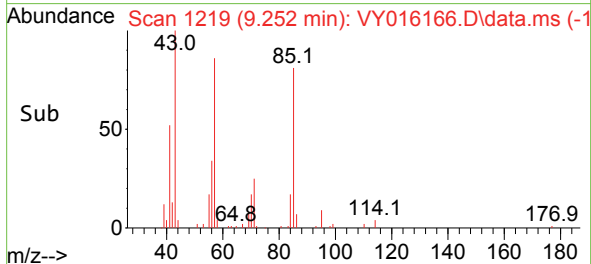
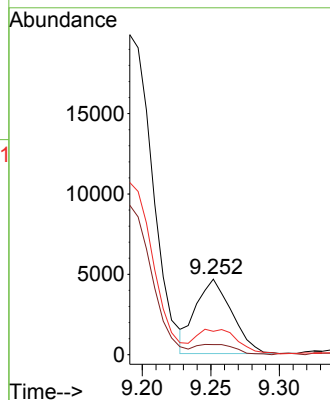
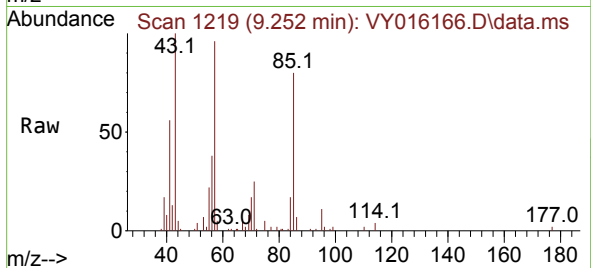
Tgt Ion: 41 Resp: 8483

Ion Ratio Lower Upper

41 100

69 15.1 64.5 96.7#

39 35.5 50.8 76.2#



#49

1,4-Dioxane

Concen: Below Cal

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

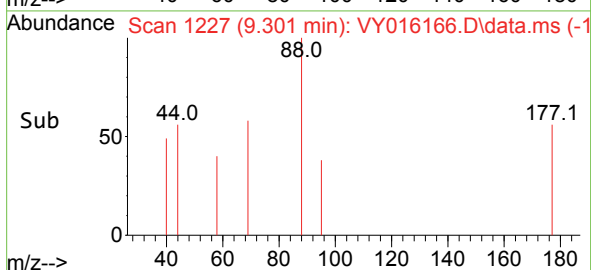
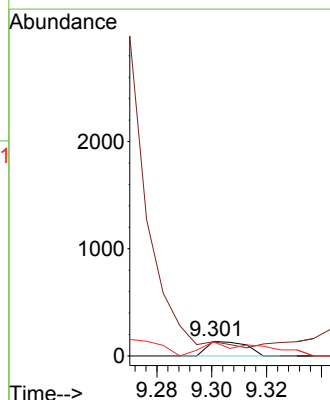
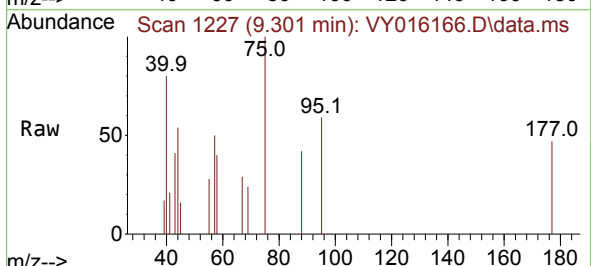
Tgt Ion: 88 Resp: 134

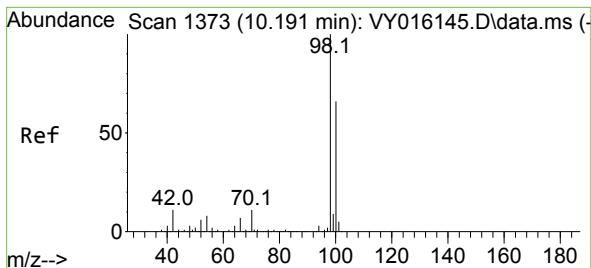
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 153.0 30.9 46.3#

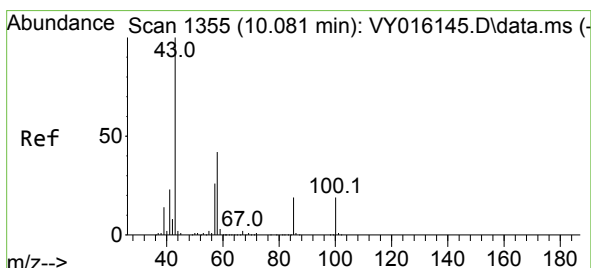
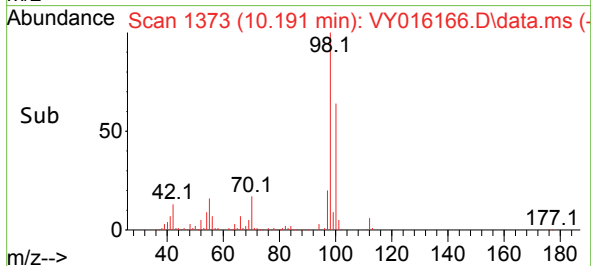
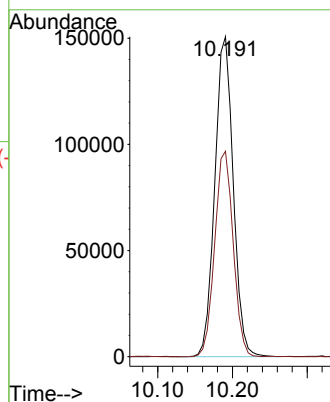
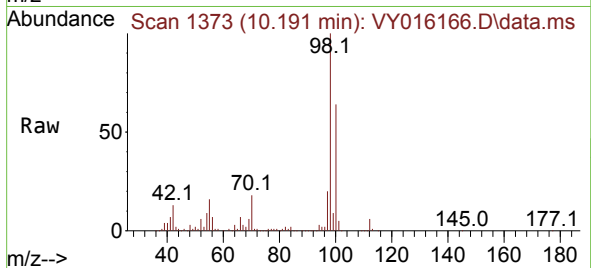




#50
Toluene-d8
Concen: 50.814 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

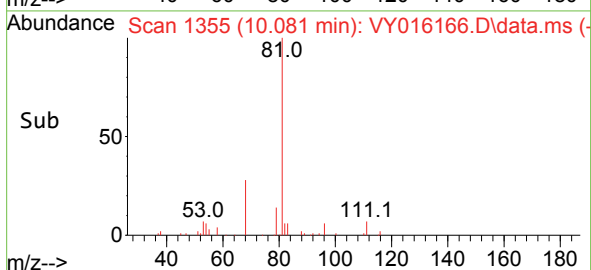
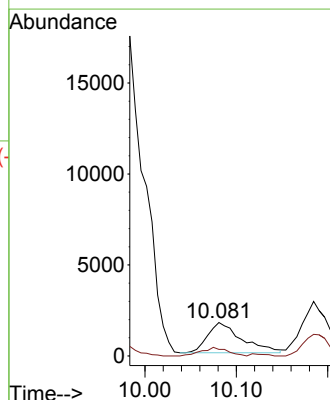
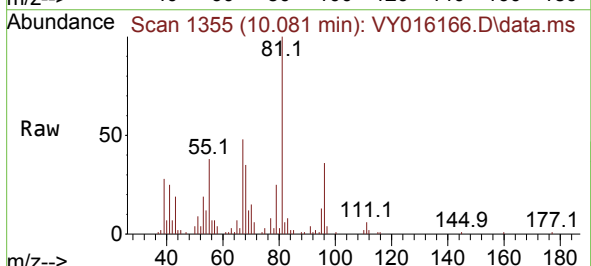
Instrument :
MSVOA_Y
ClientSampleId :

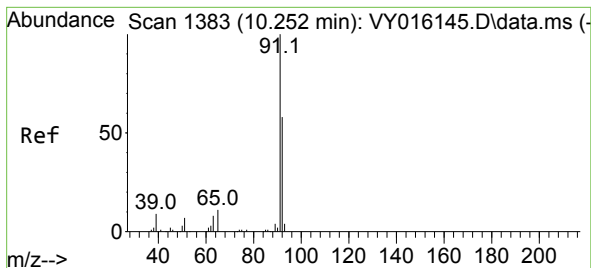
Tgt Ion: 98 Resp: 258208
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 5.314 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Tgt Ion: 43 Resp: 4323
Ion Ratio Lower Upper
43 100
58 21.3 29.0 43.6#





#52

Toluene

Concen: 2.264 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

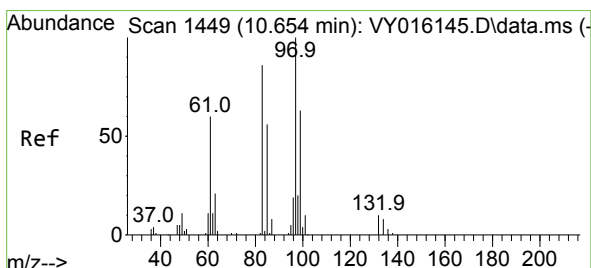
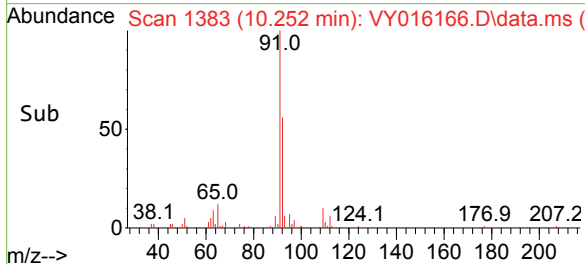
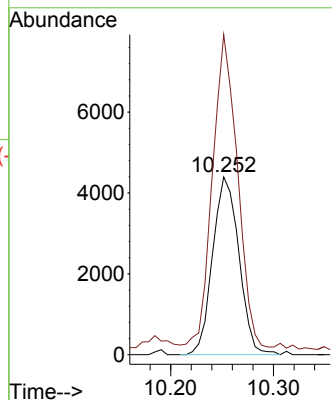
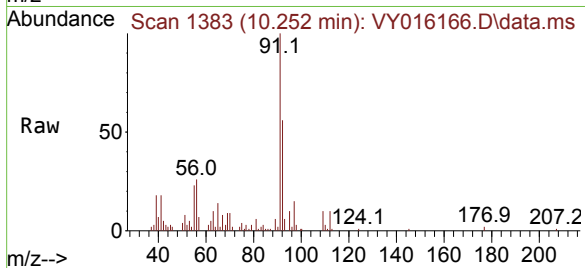
ClientSampleId :

Tgt Ion: 92 Resp: 7793

Ion Ratio Lower Upper

92 100

91 169.7 143.8 215.6



#55

1,1,2-Trichloroethane

Concen: 45.749 ug/l

RT: 10.630 min Scan# 1445

Delta R.T. -0.025 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Tgt Ion: 97 Resp: 46659

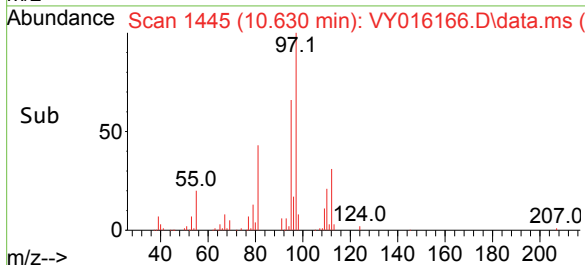
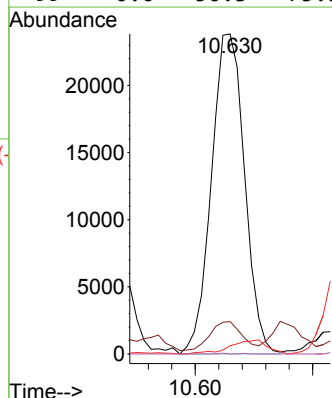
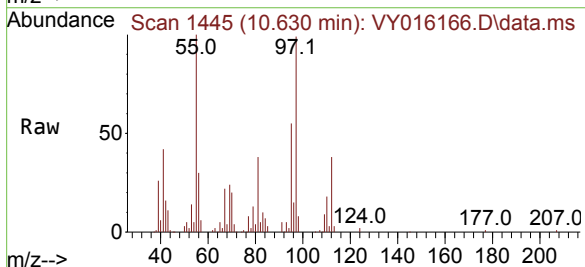
Ion Ratio Lower Upper

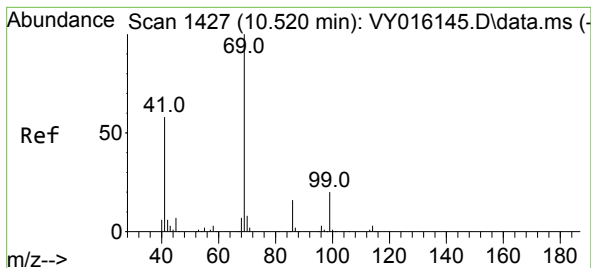
97 100

83 9.0 72.0 108.0#

85 2.6 45.4 68.0#

99 0.0 50.3 75.5#





#56

Ethyl methacrylate

Concen: 3.622 ug/l

RT: 10.532 min Scan# 1427

Delta R.T. 0.012 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

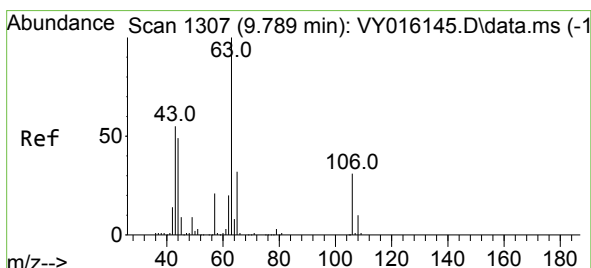
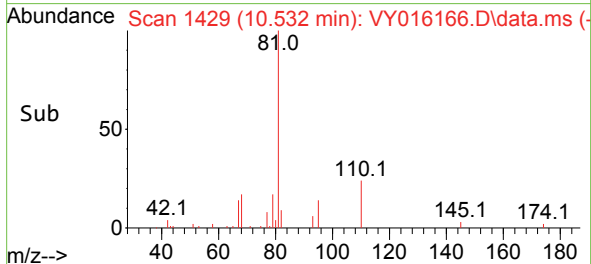
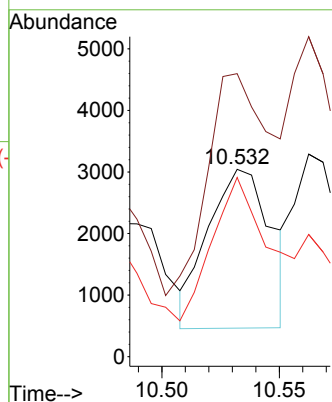
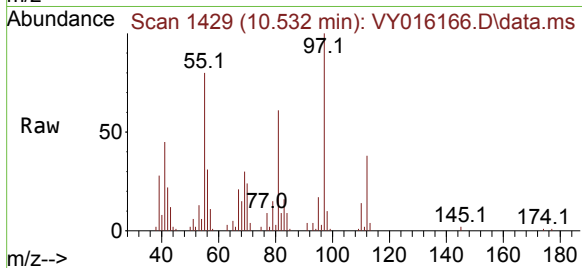
Tgt Ion: 69 Resp: 4797

Ion Ratio Lower Upper

69 100

41 156.5 57.6 86.4#

39 82.4 34.1 51.1#



#58

2-Chloroethyl Vinyl ether

Concen: 1.292 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY016166.D

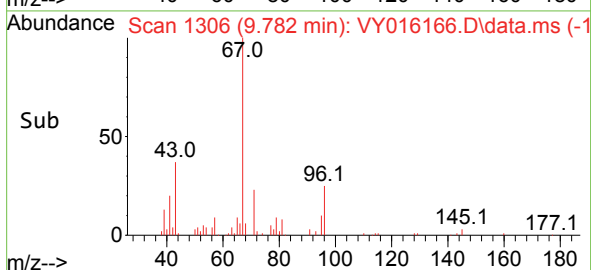
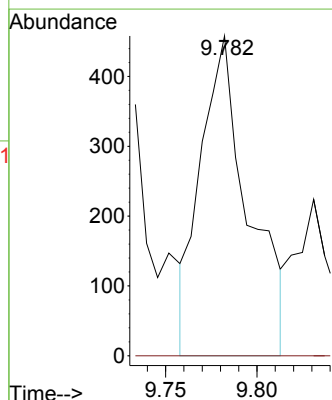
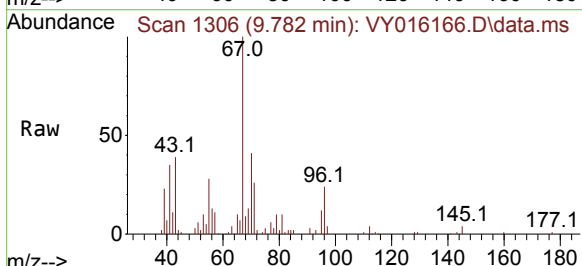
Acq: 01 Nov 2023 14:16

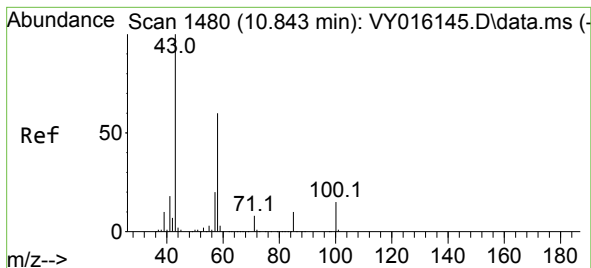
Tgt Ion: 63 Resp: 830

Ion Ratio Lower Upper

63 100

106 0.0 21.2 31.8#

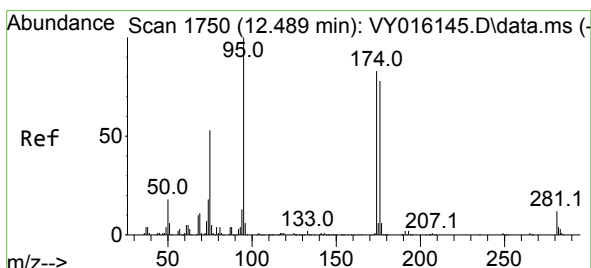
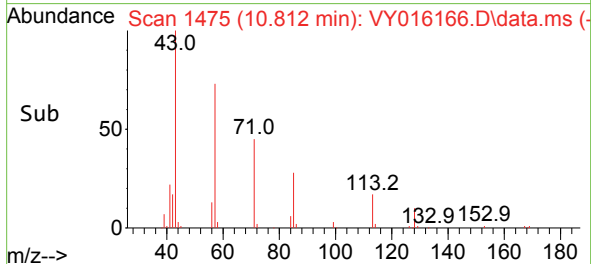
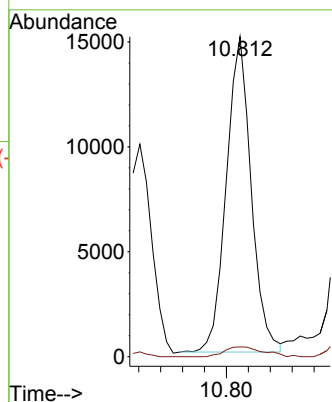
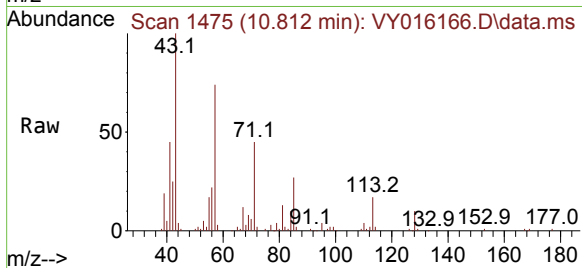




#59
2-Hexanone
Concen: 42.452 ug/l
RT: 10.812 min Scan# 1480
Delta R.T. -0.031 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

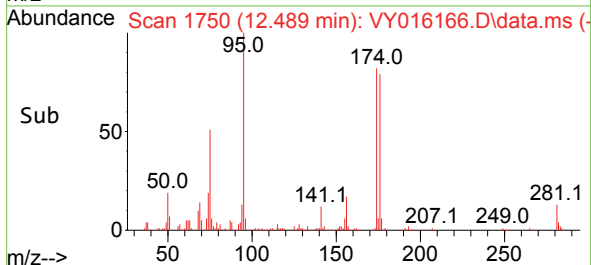
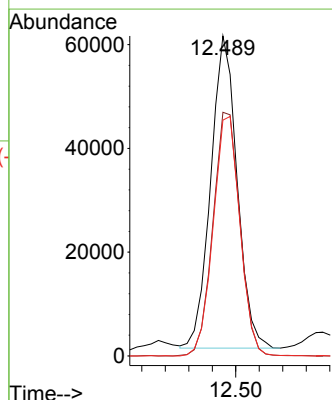
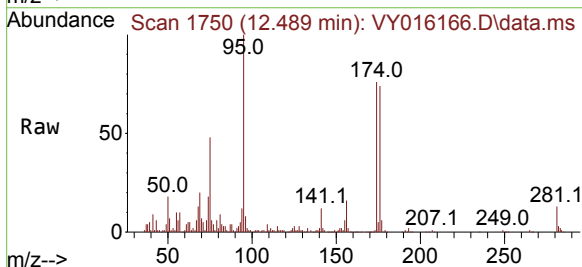
Instrument :
MSVOA_Y
ClientSampleId :

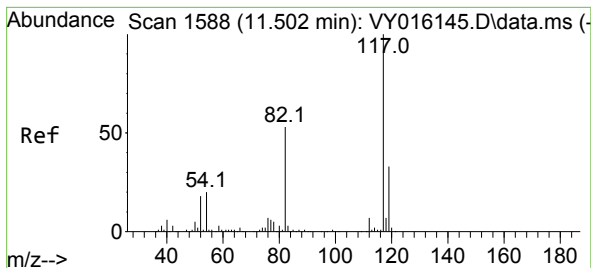
Tgt Ion: 43 Resp: 23667
Ion Ratio Lower Upper
43 100
58 4.9 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 54.097 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Tgt Ion: 95 Resp: 93998
Ion Ratio Lower Upper
95 100
174 79.5 0.0 178.2
176 77.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

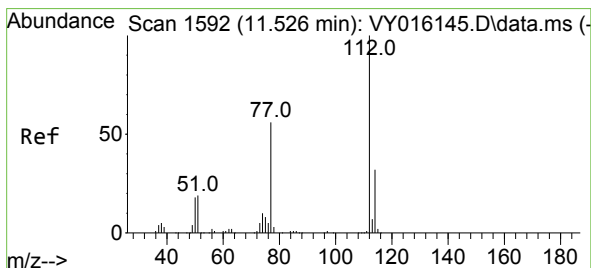
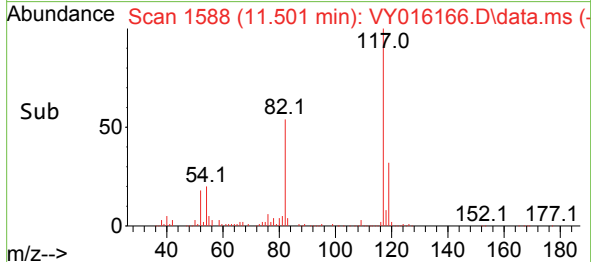
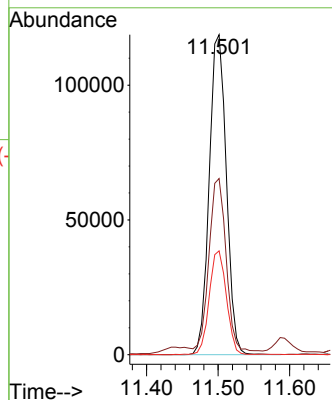
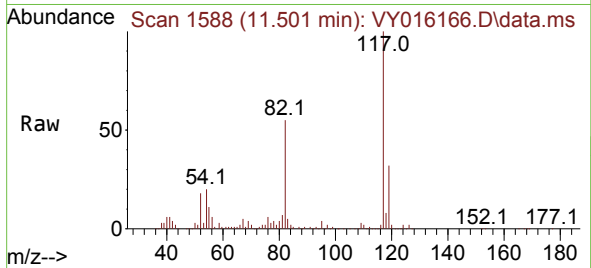
Tgt Ion:117 Resp: 197311

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 32.4 26.3 39.5



#65

Chlorobenzene

Concen: 2.498 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. -0.000 min

Lab File: VY016166.D

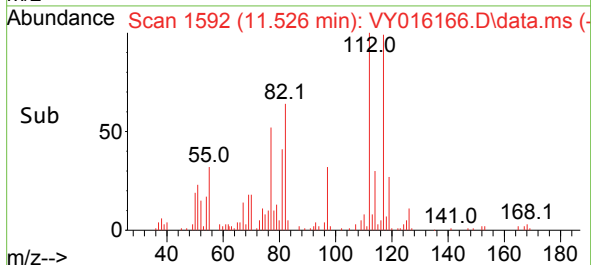
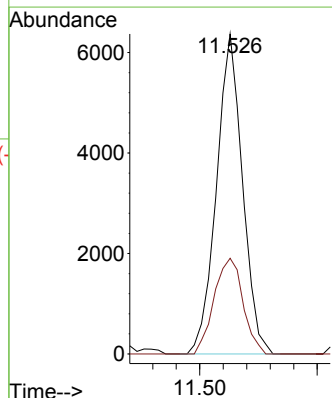
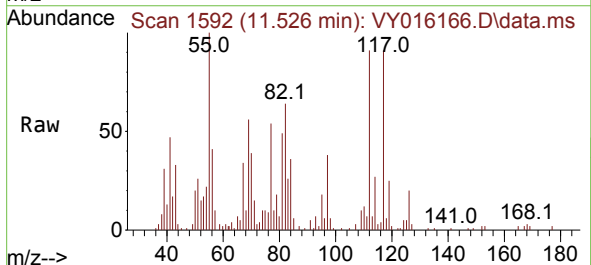
Acq: 01 Nov 2023 14:16

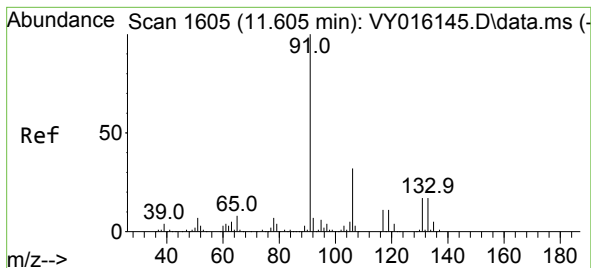
Tgt Ion:112 Resp: 9791

Ion Ratio Lower Upper

112 100

114 29.9 25.5 38.3





#67

Ethyl Benzene

Concen: 29.671 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

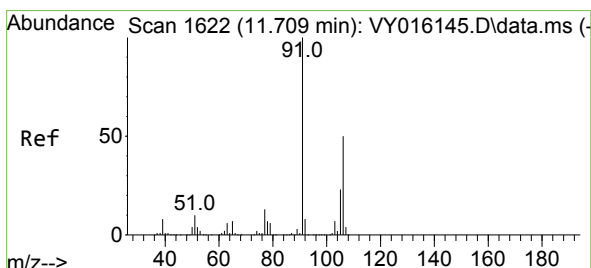
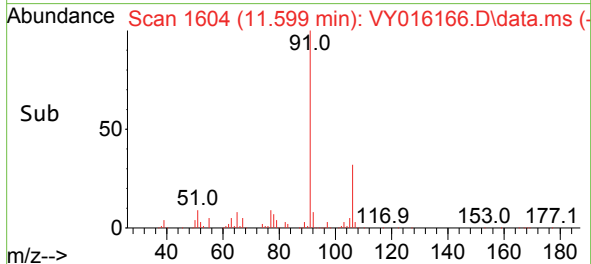
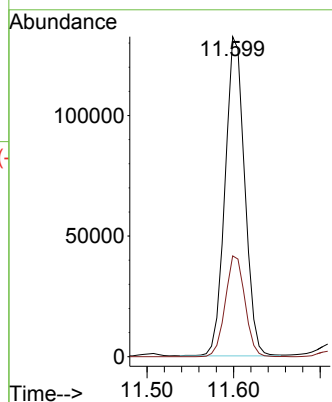
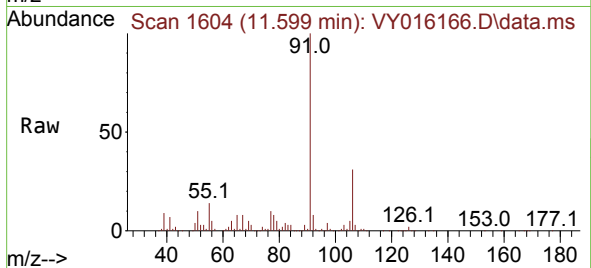
ClientSampleId :

Tgt Ion: 91 Resp: 208038

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 1.757 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016166.D

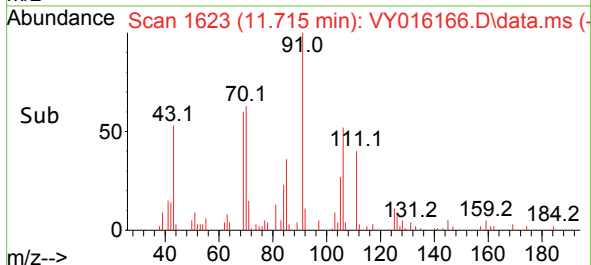
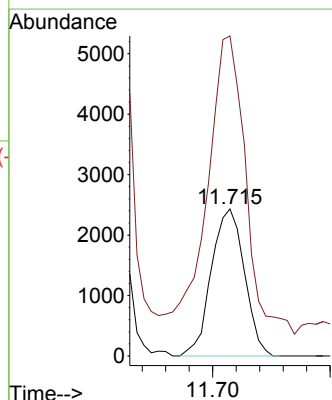
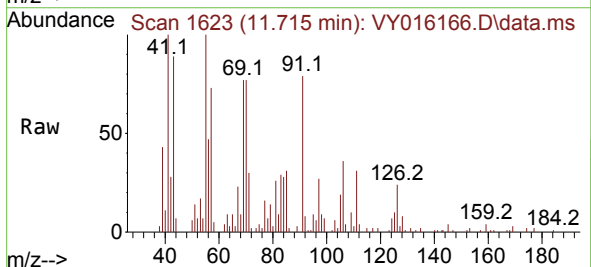
Acq: 01 Nov 2023 14:16

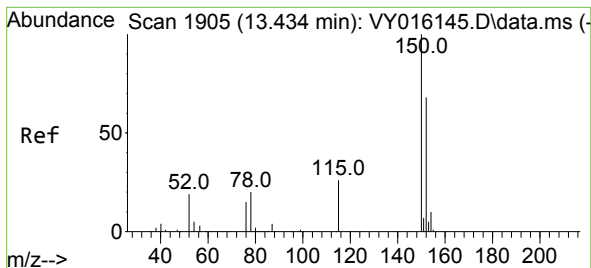
Tgt Ion:106 Resp: 4761

Ion Ratio Lower Upper

106 100

91 233.9 166.1 249.1

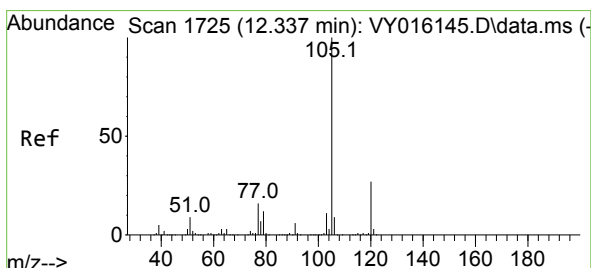
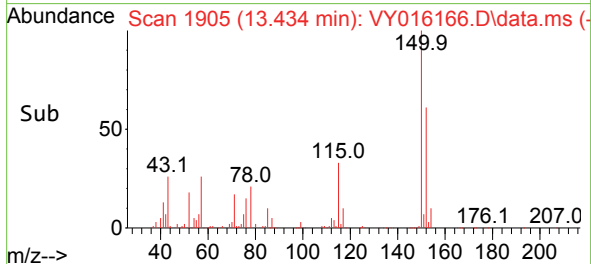
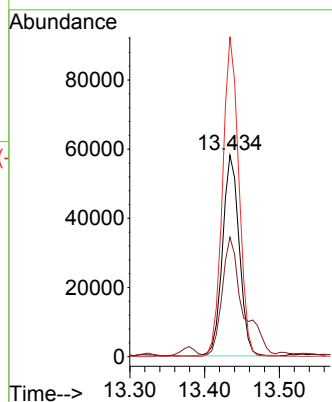
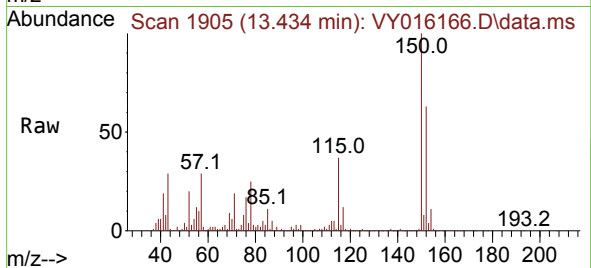




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

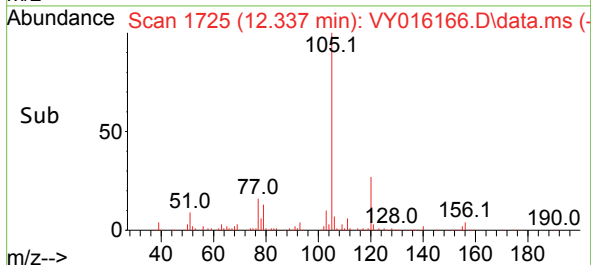
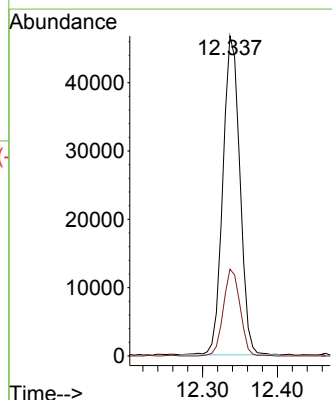
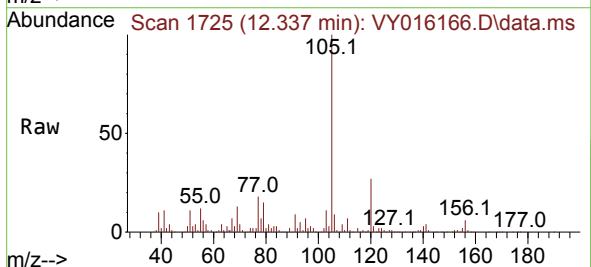
Instrument :
MSVOA_Y
ClientSampleId :

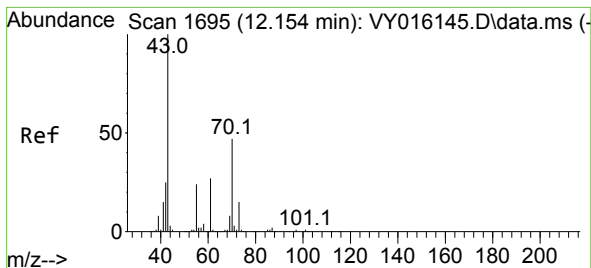
Tgt Ion:152 Resp: 90717
Ion Ratio Lower Upper
152 100
115 71.2 28.8 86.5
150 154.5 0.0 348.8



#73
Isopropylbenzene
Concen: 10.883 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

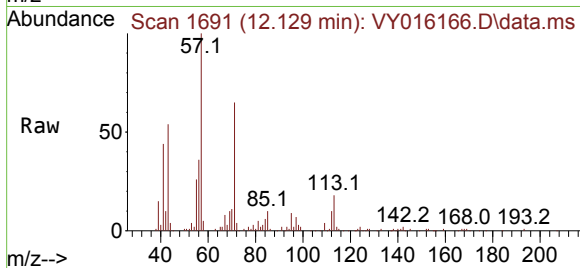
Tgt Ion:105 Resp: 74061
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



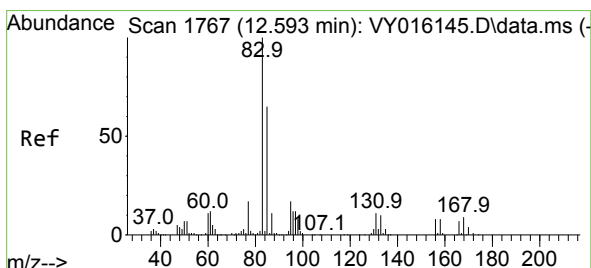
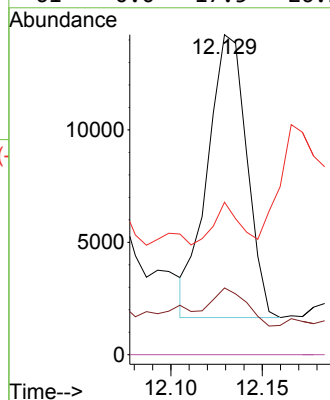
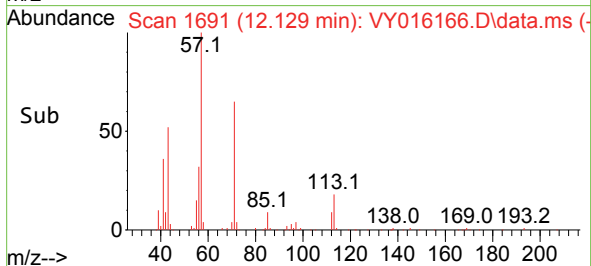


#74
N-amy1 acetate
Concen: 12.707 ug/l
RT: 12.129 min Scan# 1691
Delta R.T. -0.025 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

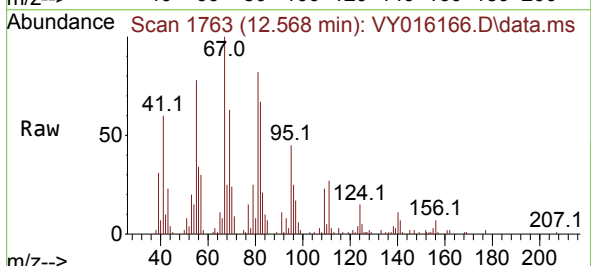
Instrument :
MSVOA_Y
ClientSampleId :



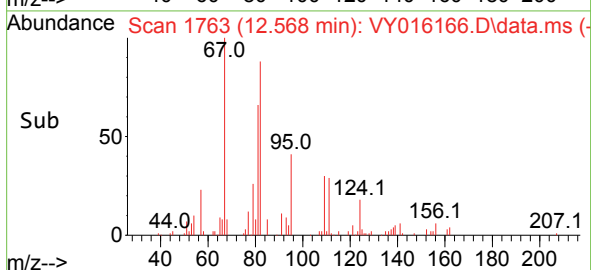
Tgt Ion: 43 Resp: 18791
Ion Ratio Lower Upper
43 100
70 12.2 29.7 44.5#
55 9.7 18.3 27.5#
61 0.0 17.5 26.3#

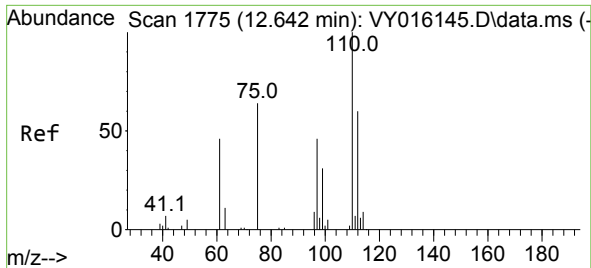


#75
1,1,2,2-Tetrachloroethane
Concen: 1.115 ug/l
RT: 12.568 min Scan# 1763
Delta R.T. -0.025 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16



Tgt Ion: 83 Resp: 1207
Ion Ratio Lower Upper
83 100
131 0.0 5.4 16.2#
85 226.4 31.8 95.4#

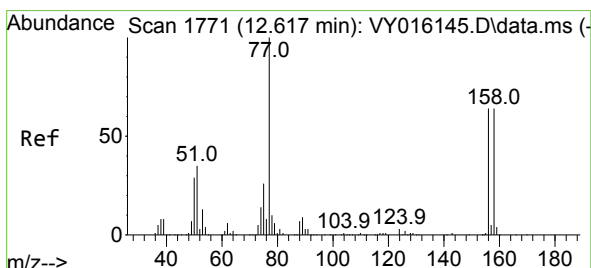
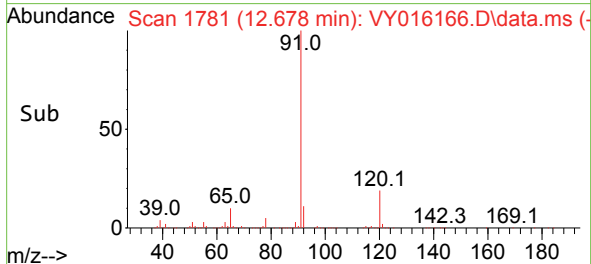
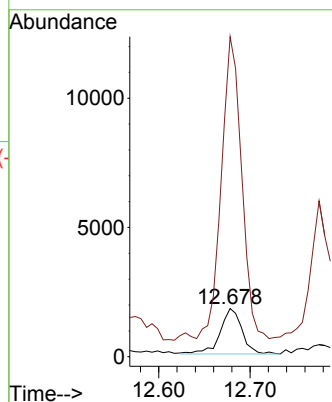
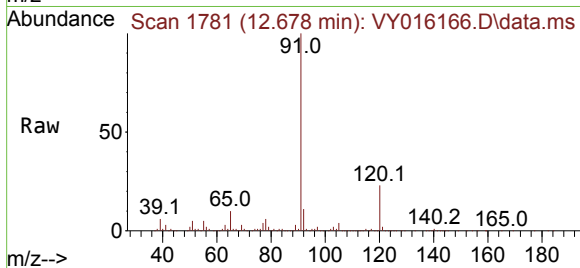




#76
1,2,3-Trichloropropane
Concen: 3.418 ug/l
RT: 12.678 min Scan# 11
Delta R.T. 0.036 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

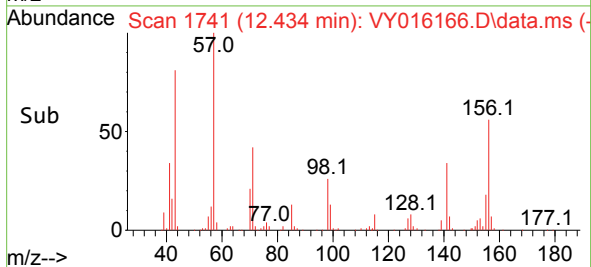
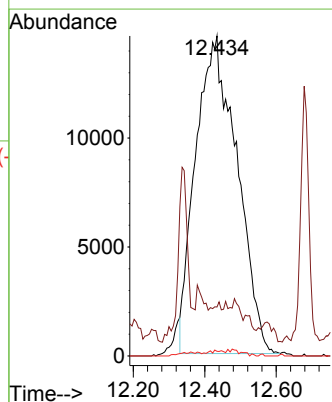
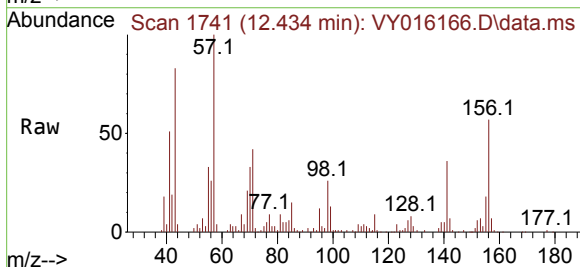
Instrument :
MSVOA_Y
ClientSampleId :

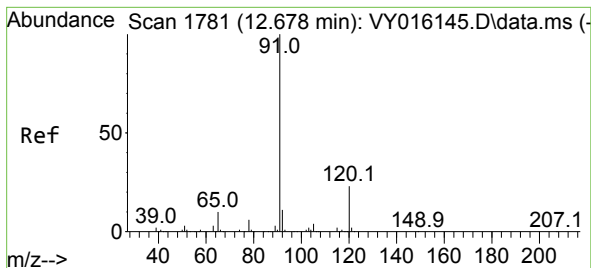
Tgt Ion: 75 Resp: 2920
Ion Ratio Lower Upper
75 100
77 615.2 0.0 0.0#



#77
Bromobenzene
Concen: 76.002 ug/l
RT: 12.434 min Scan# 1741
Delta R.T. -0.183 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Tgt Ion: 156 Resp: 117109
Ion Ratio Lower Upper
156 100
77 0.0 92.8 278.6#
158 0.2 48.4 145.3#





#78

n-propylbenzene

Concen: 54.788 ug/l

RT: 12.678 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

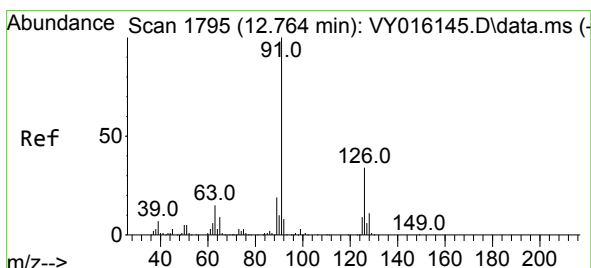
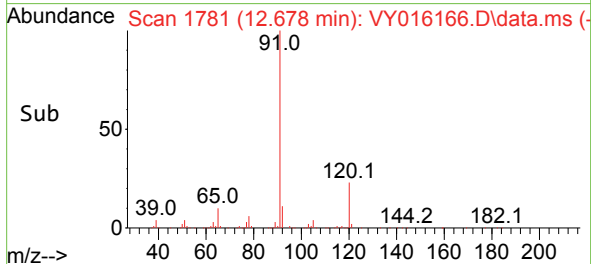
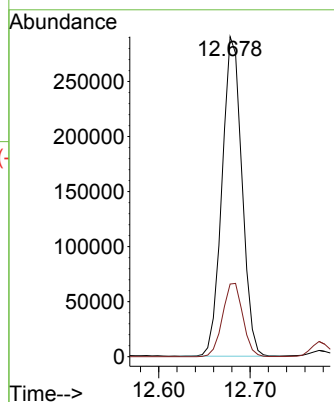
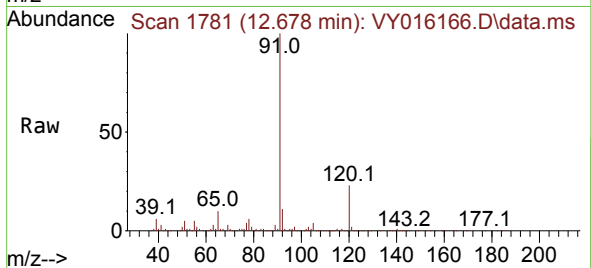
ClientSampleId :

Tgt Ion: 91 Resp: 440780

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 3.181 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.061 min

Lab File: VY016166.D

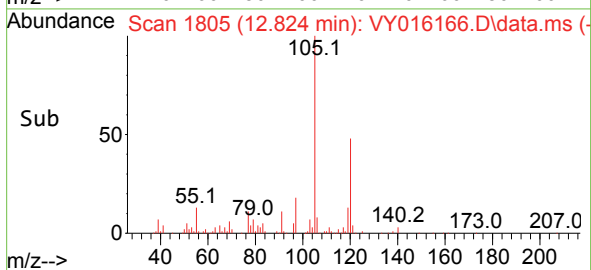
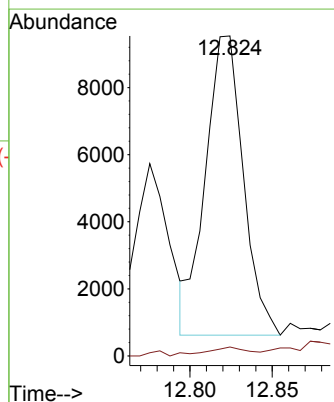
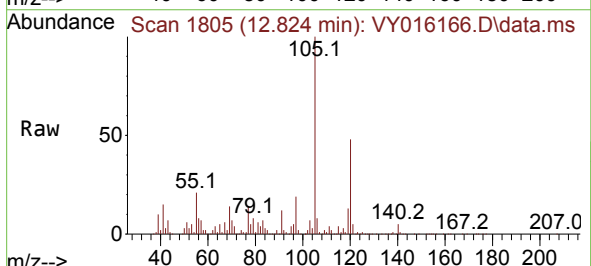
Acq: 01 Nov 2023 14:16

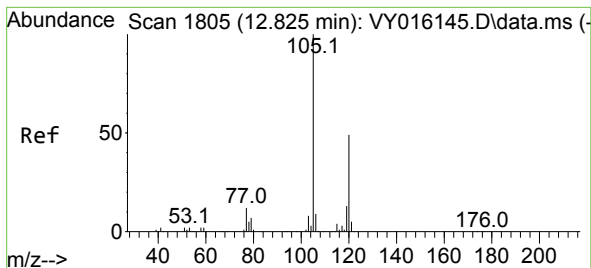
Tgt Ion: 91 Resp: 14272

Ion Ratio Lower Upper

91 100

126 3.4 17.3 51.7#





#80

1,3,5-Trimethylbenzene

Concen: 22.729 ug/l

RT: 12.818 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

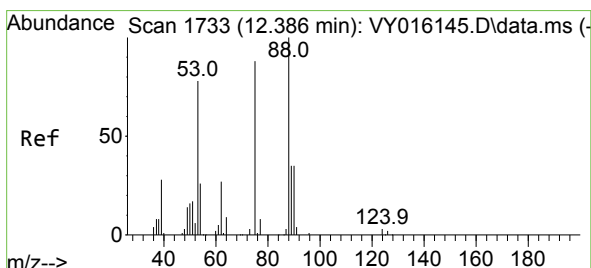
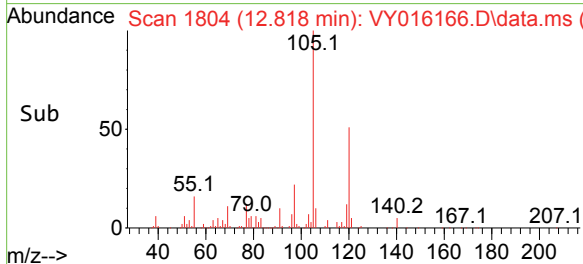
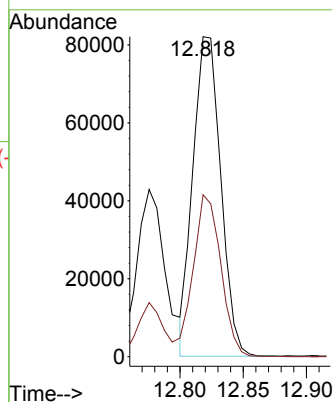
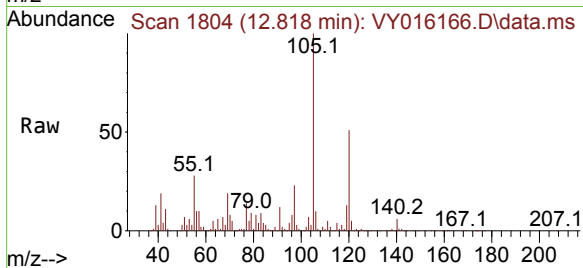
ClientSampleId :

Tgt Ion:105 Resp: 125307

Ion Ratio Lower Upper

105 100

120 50.8 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 3.997 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.049 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

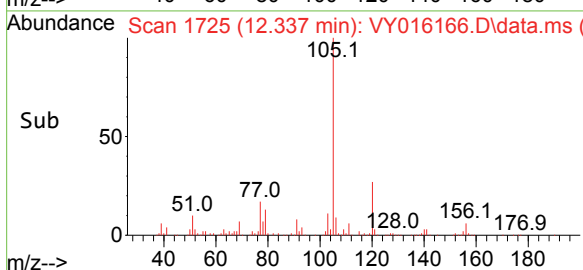
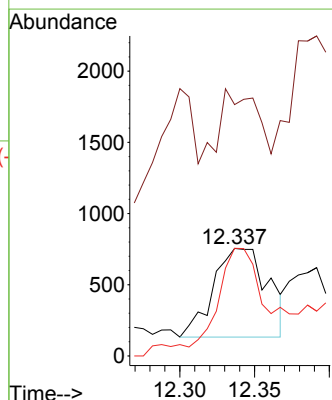
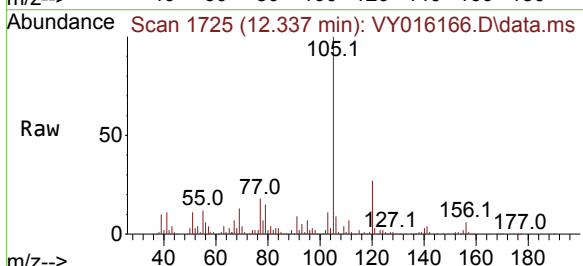
Tgt Ion: 75 Resp: 1575

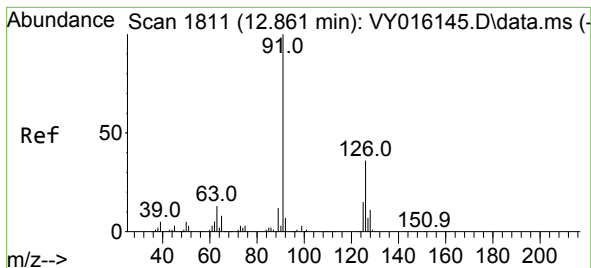
Ion Ratio Lower Upper

75 100

53 106.6 77.8 116.8

89 98.2 37.4 56.0#





#82

4-Chlorotoluene

Concen: 3.097 ug/l

RT: 12.824 min Scan# 11

Delta R.T. -0.037 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

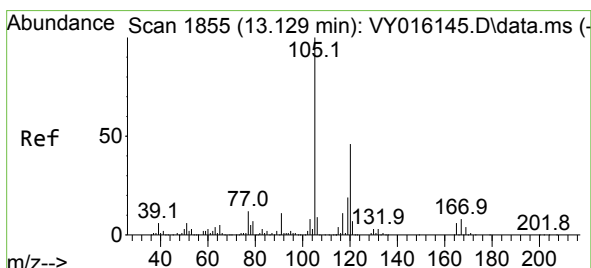
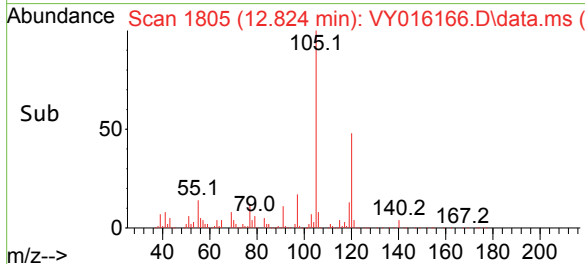
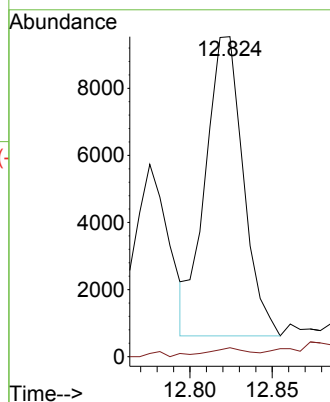
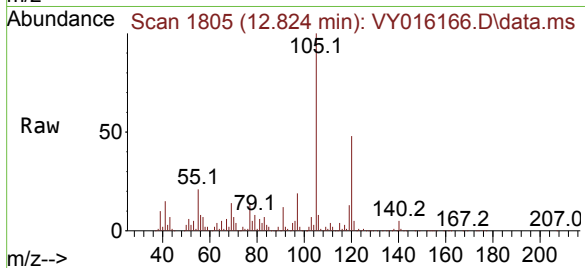
ClientSampleId :

Tgt Ion: 91 Resp: 14272

Ion Ratio Lower Upper

91 100

126 3.4 17.2 51.6#



#84

1,2,4-Trimethylbenzene

Concen: 20.178 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016166.D

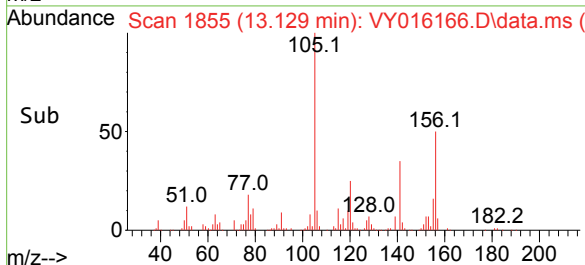
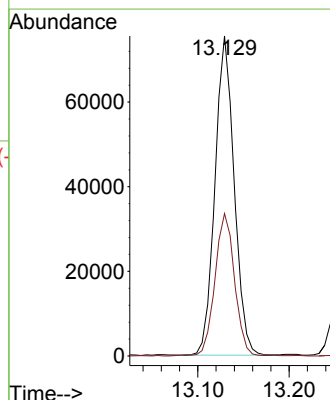
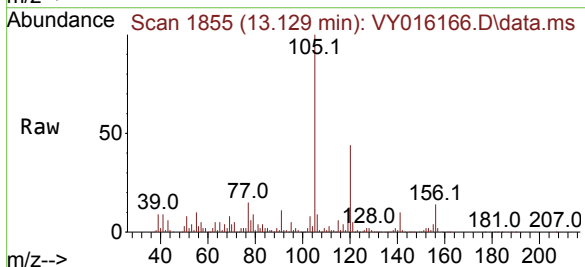
Acq: 01 Nov 2023 14:16

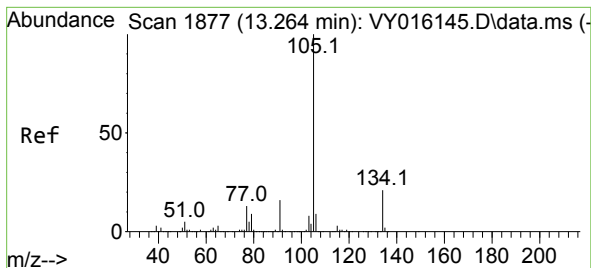
Tgt Ion:105 Resp: 110077

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 6.570 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

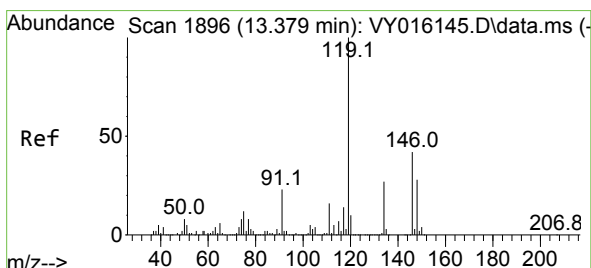
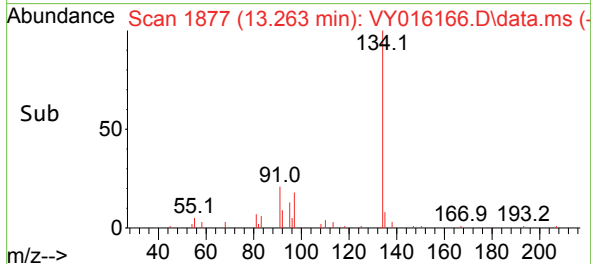
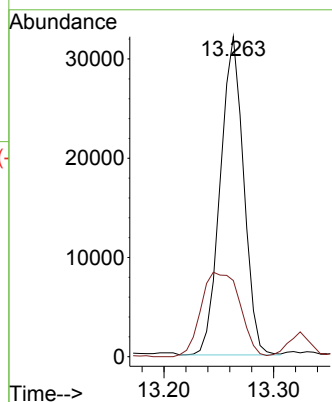
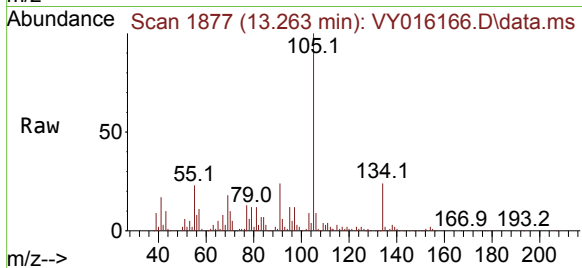
ClientSampleId :

Tgt Ion:105 Resp: 47569

Ion Ratio Lower Upper

105 100

134 44.0 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 7.728 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

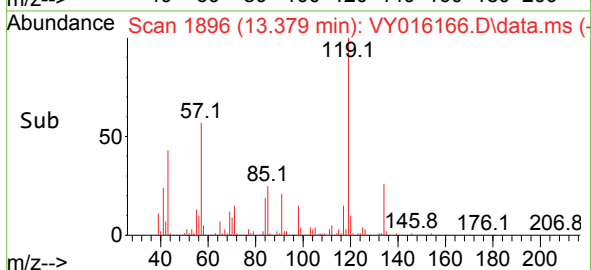
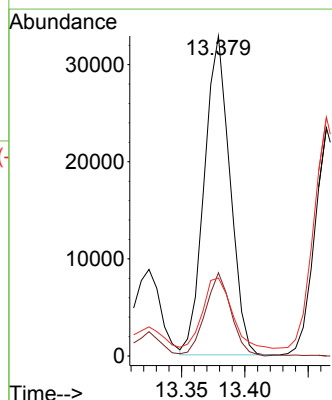
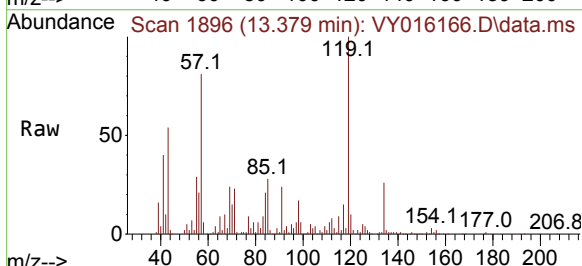
Tgt Ion:119 Resp: 46374

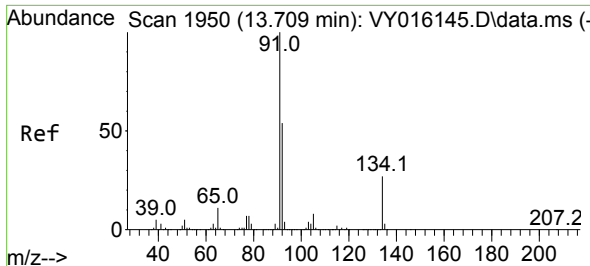
Ion Ratio Lower Upper

119 100

134 25.5 13.3 39.8

91 24.6 12.4 37.4

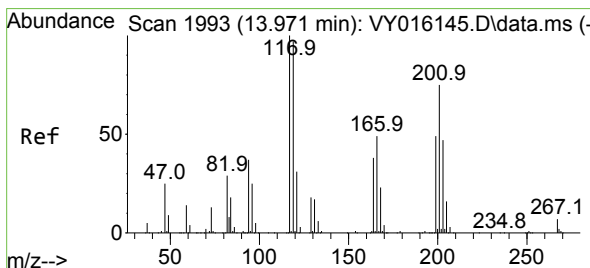
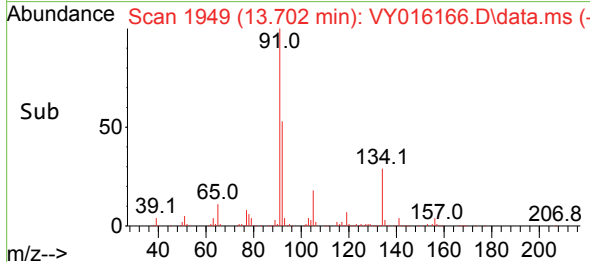
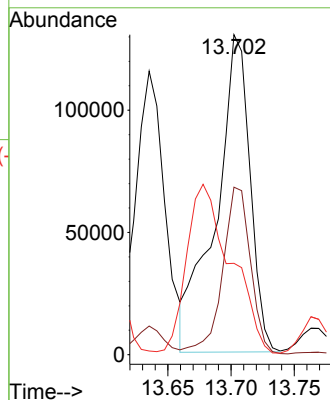
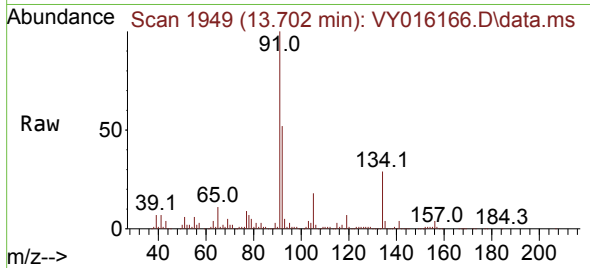




#89
n-Butylbenzene
Concen: 44.044 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

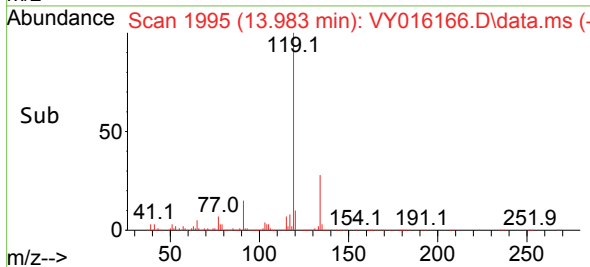
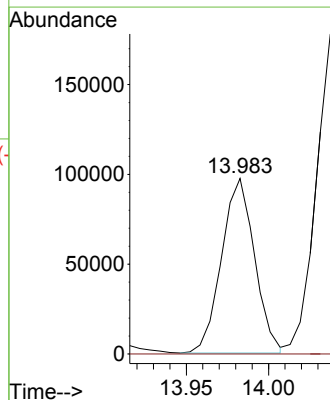
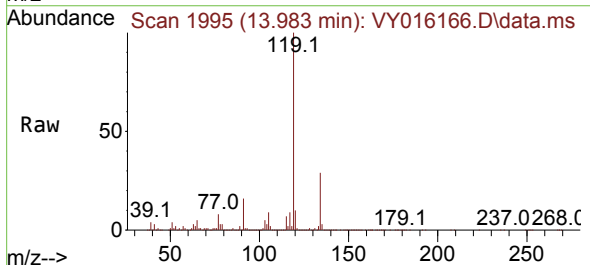
Instrument :
MSVOA_Y
ClientSampleId :

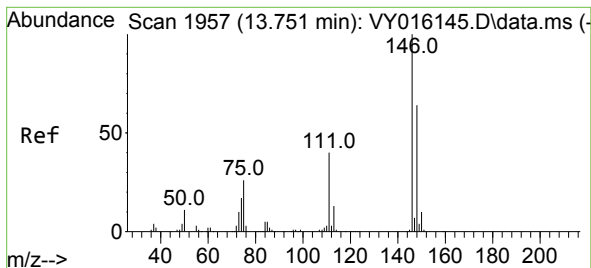
Tgt Ion: 91 Resp: 242839
Ion Ratio Lower Upper
91 100
92 43.3 25.4 76.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 131.265 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY016166.D
Acq: 01 Nov 2023 14:16

Tgt Ion: 117 Resp: 135738
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#





#91

1,2-Dichlorobenzene

Concen: 1.089 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY016166.D

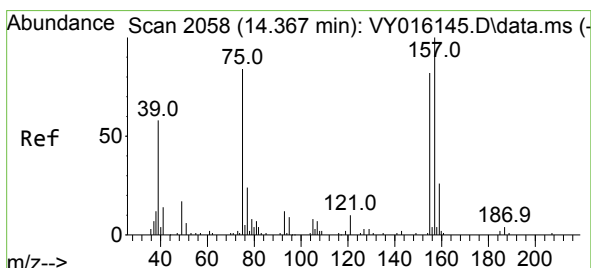
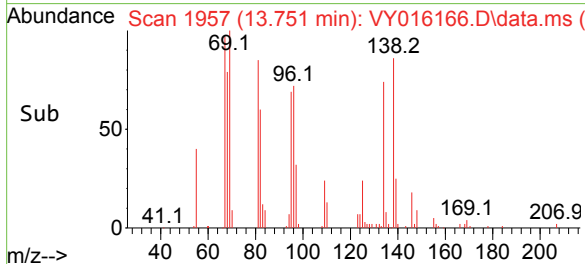
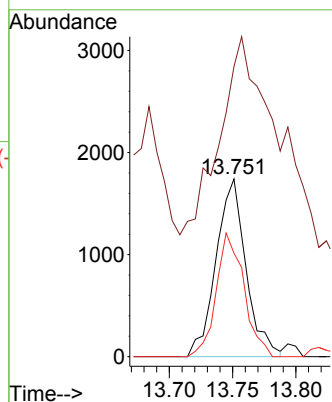
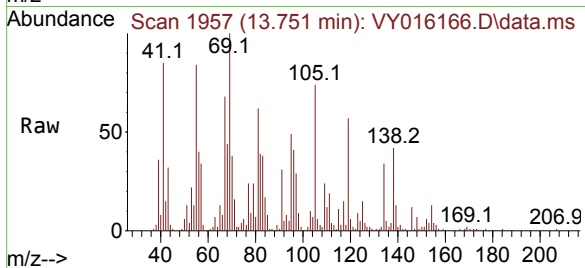
Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	2867
Ion Ratio	Lower	Upper	
146	100		
111	250.8	19.7	59.0#
148	64.4	32.0	96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 12.173 ug/l

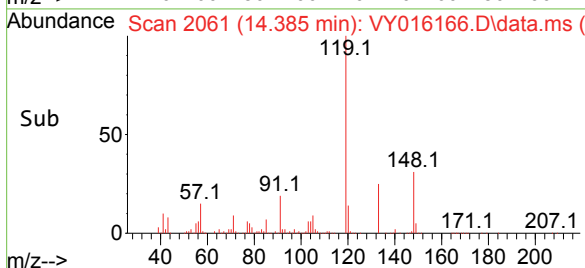
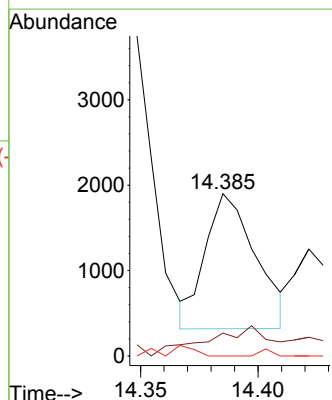
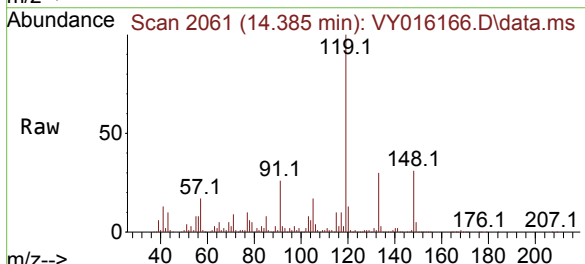
RT: 14.385 min Scan# 2061

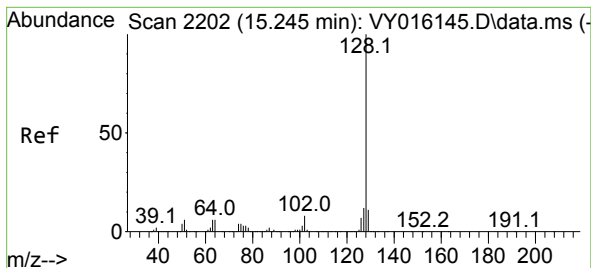
Delta R.T. 0.018 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Tgt Ion:	75	Resp:	2359
Ion Ratio	Lower	Upper	
75	100		
155	27.4	41.5	124.6#
157	1.3	51.8	155.5#





#95

Naphthalene

Concen: 18.267 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016166.D

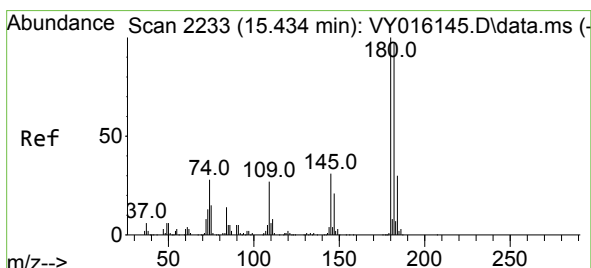
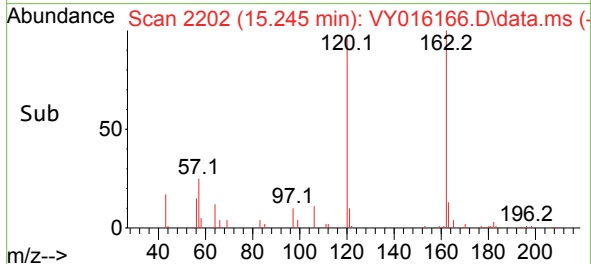
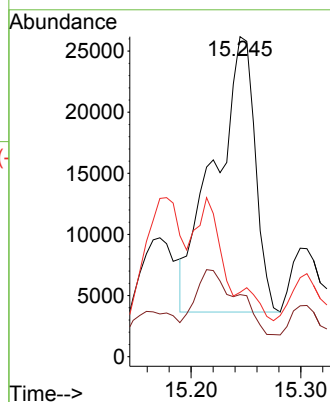
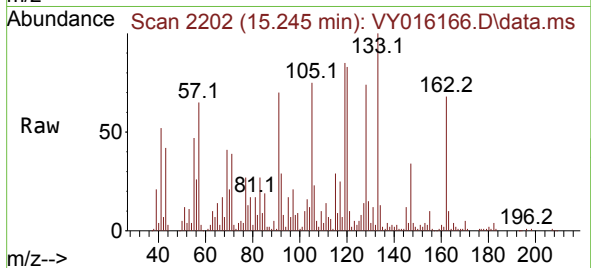
Acq: 01 Nov 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128 Resp: 57672
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 0.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.003 ug/l

RT: 15.452 min Scan# 2236

Delta R.T. 0.018 min

Lab File: VY016166.D

Acq: 01 Nov 2023 14:16

Tgt Ion:180 Resp: 1393
 Ion Ratio Lower Upper
 180 100
 182 65.5 47.3 141.8
 145 12368.3 15.4 46.2#

