

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016162.D
 Acq On : 01 Nov 2023 12:42
 Operator : SY/MD
 Sample : 05102-06
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 02:23:07 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	7.795	168	121727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	177850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70881	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.149	65	63771	55.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.980%	
35) Dibromofluoromethane	7.722	113	55235	46.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.240%	
50) Toluene-d8	10.185	98	238167	50.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	12.489	95	74816	46.075	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.160%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.534	74	3580	6.448	ug/l	100
11) Tert butyl alcohol	4.948	59	1910	22.443	ug/l #	89
13) Acrolein	3.723	56	367	Below Cal	#	38
16) Acetone	3.954	43	23996	122.221	ug/l	92
17) Carbon Disulfide	4.204	76	4616	1.920	ug/l	99
20) Methylene Chloride	4.716	84	18129	13.420	ug/l #	80
25) 2-Butanone	6.990	43	6120	19.475	ug/l	91
29) Tetrahydrofuran	7.368	42	334	1.696	ug/l #	46
30) Chloroform	7.515	83	4248	1.956	ug/l	93
31) Cyclohexane	7.789	56	85294	48.712	ug/l	90
36) 1,1-Dichloropropene	7.789	75	8902	5.147	ug/l #	65
37) Ethyl Acetate	6.990	43	6120	7.945	ug/l #	79
38) Carbon Tetrachloride	7.795	117	12118	7.072	ug/l #	17
39) Methylcyclohexane	9.191	83	23892	11.573	ug/l	96
40) Benzene	8.167	78	41909	8.441	ug/l	99
42) 1,2-Dichloroethane	8.246	62	23562	17.005	ug/l	93
43) Isopropyl Acetate	8.270	43	1740	1.142	ug/l #	55
48) Methyl methacrylate	9.258	41	1244	1.795	ug/l #	35
49) 1,4-Dioxane	9.307	88	300	Below Cal	#	11
51) 4-Methyl-2-Pentanone	10.075	43	2958	3.891	ug/l	96
52) Toluene	10.252	92	161057	50.058	ug/l	94
55) 1,1,2-Trichloroethane	10.624	97	10035	10.529	ug/l #	18
56) Ethyl methacrylate	10.532	69	4418	3.569	ug/l #	21
58) 2-Chloroethyl Vinyl ether	9.825	63	6785	11.304	ug/l #	48
59) 2-Hexanone	10.807	43	13011	24.974	ug/l #	34
65) Chlorobenzene	11.526	112	64825	18.346	ug/l	99
67) Ethyl Benzene	11.599	91	353251	55.894	ug/l	99
68) m/p-Xylenes	11.709	106	236252	96.739	ug/l	95
69) o-Xylene	12.038	106	86741	37.200	ug/l	97
70) Styrene	12.038	104	5800	1.496	ug/l #	1
73) Isopropylbenzene	12.337	105	121428	22.838	ug/l	100
74) N-amyl acetate	12.130	43	10970	9.494	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.575	83	1006	1.189	ug/l #	1
76) 1,2,3-Trichloropropane	12.684	75	1275	1.910	ug/l #	100
78) n-propylbenzene	12.678	91	196639	31.282	ug/l	99
79) 2-Chlorotoluene	12.776	91	21941	6.258	ug/l #	43

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 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)

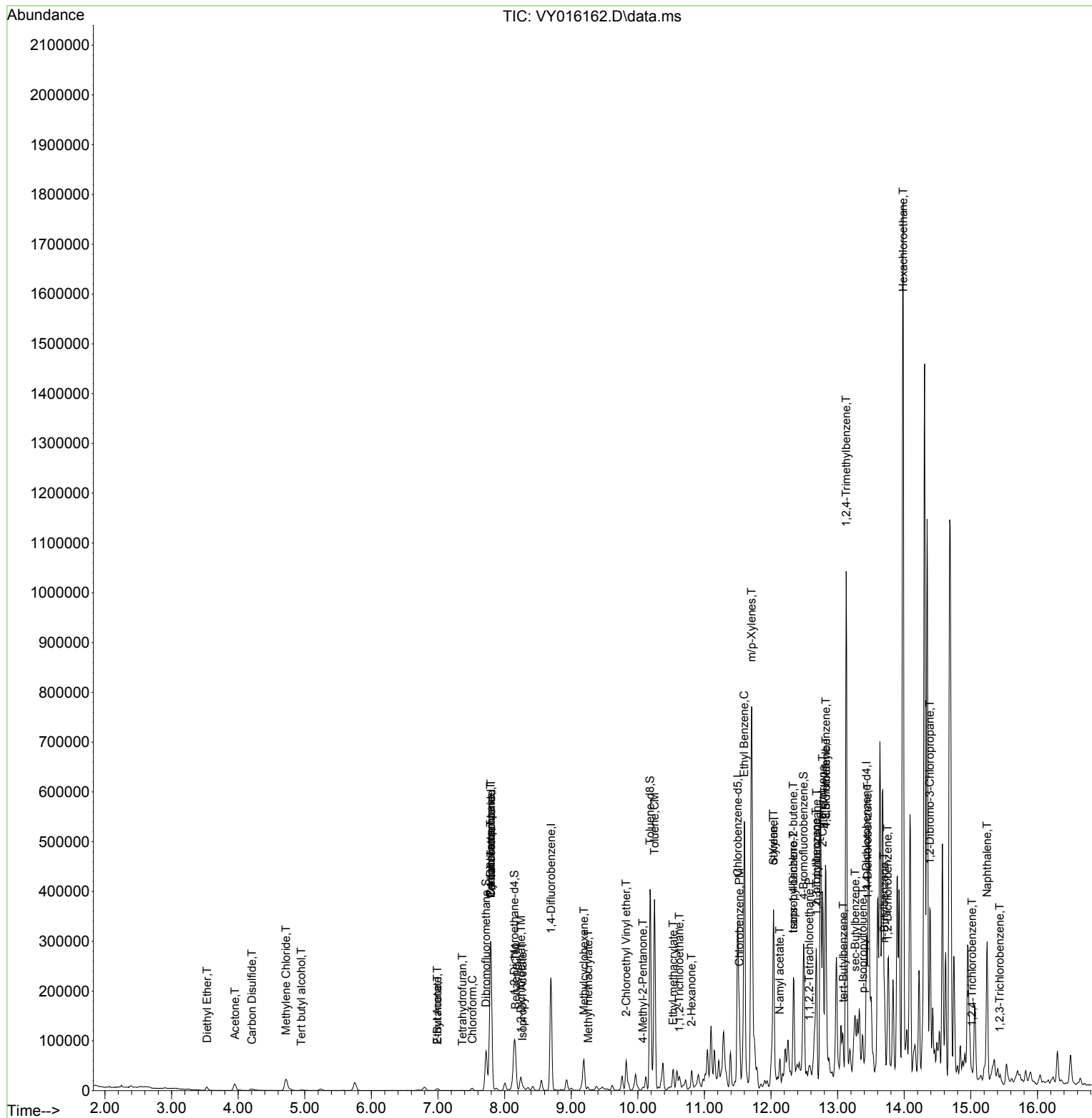
80) 1,3,5-Trimethylbenzene	12.825	105	159584	37.047	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.337	75	1396	4.535	ug/l #	43
82) 4-Chlorotoluene	12.825	91	16463	4.573	ug/l #	47
83) tert-Butylbenzene	13.087	119	5693	1.477	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	527936	123.859	ug/l	97
85) sec-Butylbenzene	13.263	105	58932	10.417	ug/l #	66
86) p-Isopropyltoluene	13.379	119	32112	6.849	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	3447	1.465	ug/l #	56
89) n-Butylbenzene	13.702	91	74109	17.203	ug/l #	69
90) Hexachloroethane	13.983	117	84935	105.122	ug/l #	8
91) 1,2-Dichlorobenzene	13.751	146	16057	7.805	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.385	75	1020	6.736	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.019	180	1540	1.213	ug/l #	1
95) Naphthalene	15.245	128	226758	91.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	1259	1.161	ug/l #	74

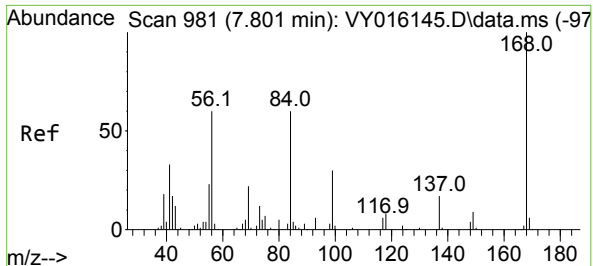
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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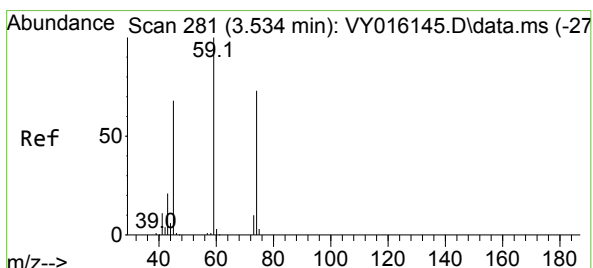
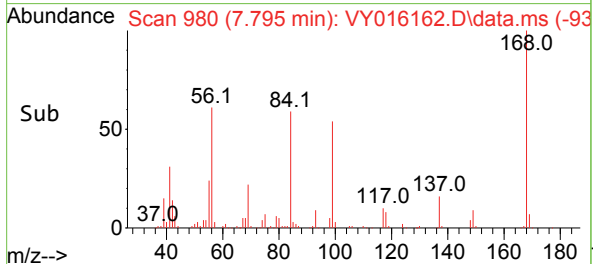
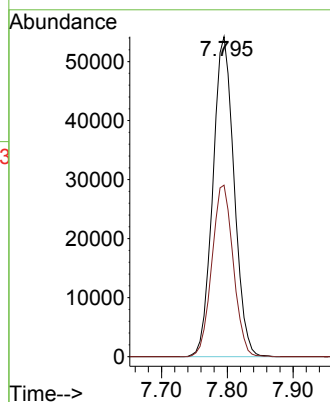
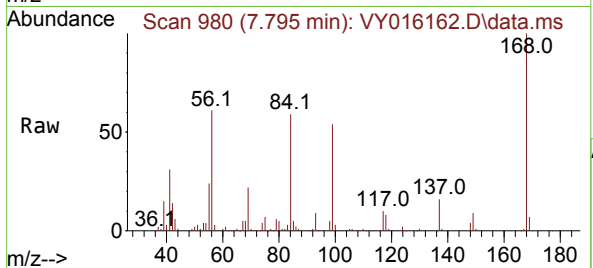




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

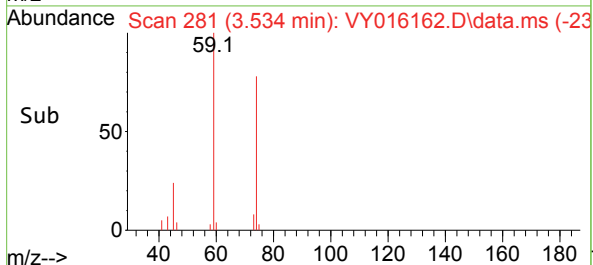
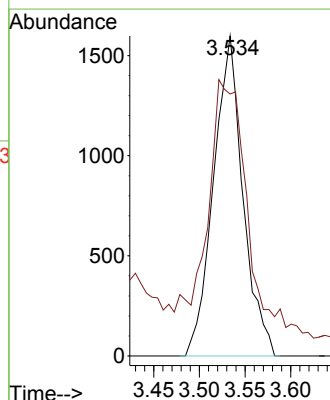
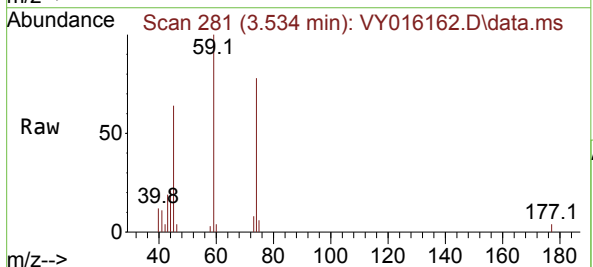
Instrument :
MSVOA_Y
ClientSampleId :

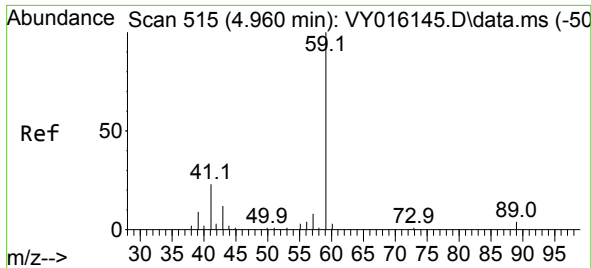
Tgt Ion:168 Resp: 121727
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#8
Diethyl Ether
Concen: 6.448 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

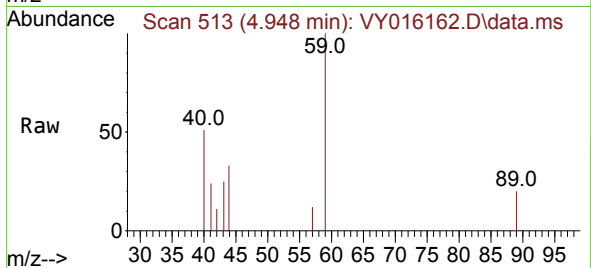
Tgt Ion: 74 Resp: 3580
Ion Ratio Lower Upper
74 100
45 102.9 51.5 154.5



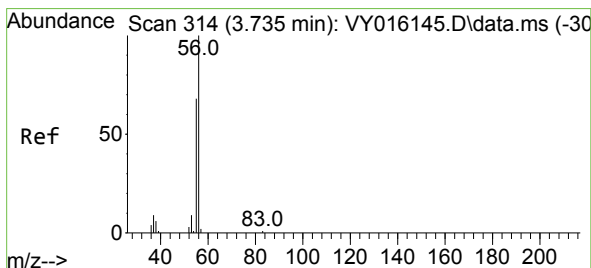
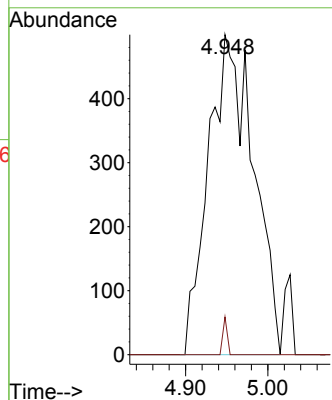
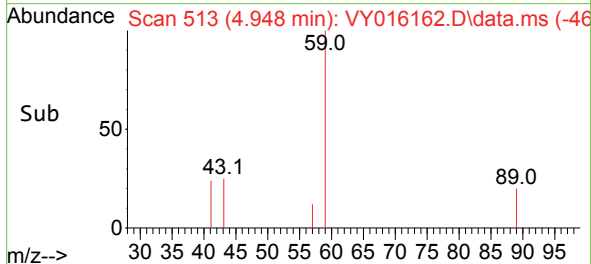


#11
Tert butyl alcohol
Concen: 22.443 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Instrument :
MSVOA_Y
ClientSampleId :

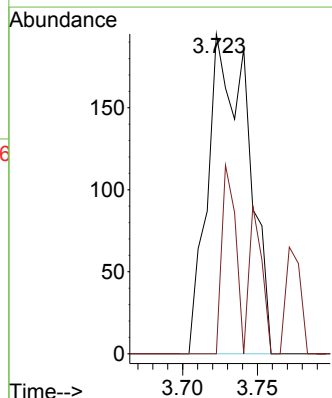
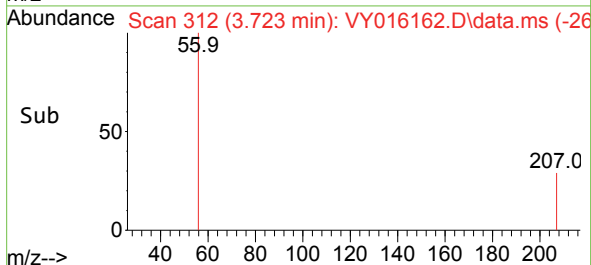
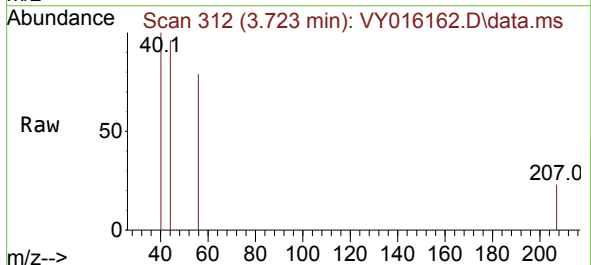


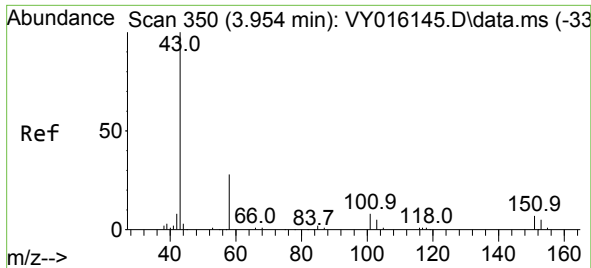
Tgt Ion: 59 Resp: 1910
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 312
Delta R.T. -0.012 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Tgt Ion: 56 Resp: 367
Ion Ratio Lower Upper
56 100
55 20.2 57.0 85.4#





#16

Acetone

Concen: 122.221 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

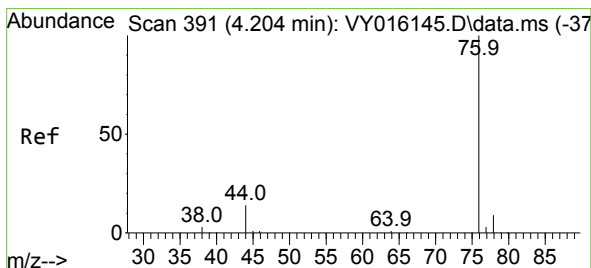
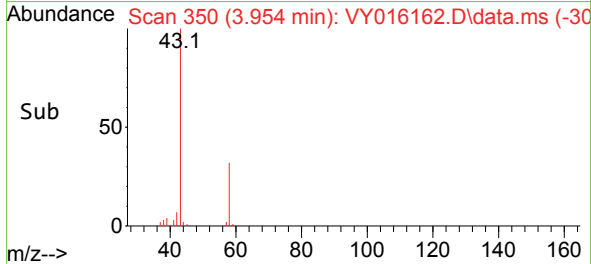
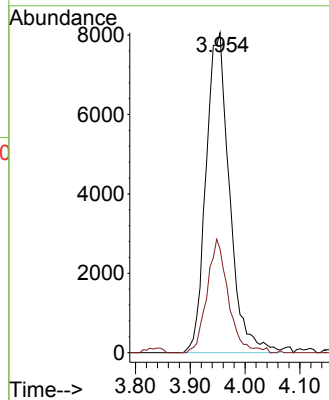
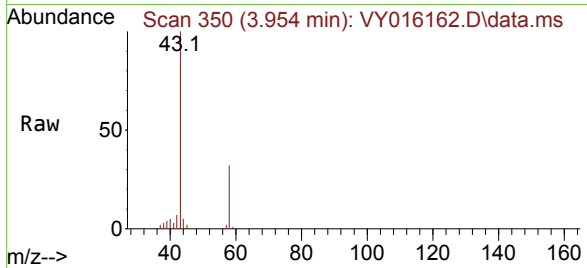
ClientSampleId :

Tgt Ion: 43 Resp: 23996

Ion Ratio Lower Upper

43 100

58 32.5 22.7 34.1



#17

Carbon Disulfide

Concen: 1.920 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY016162.D

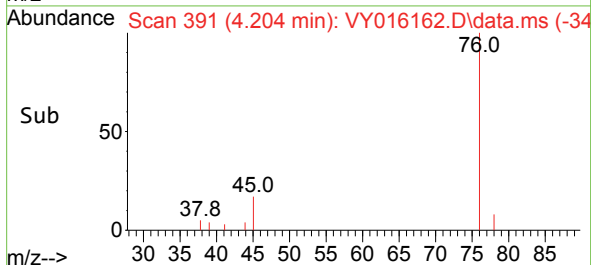
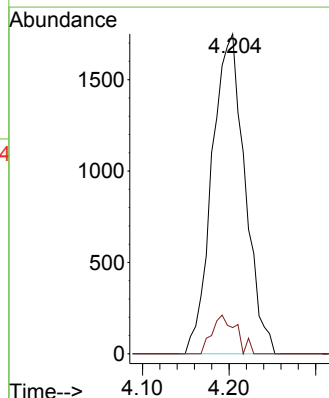
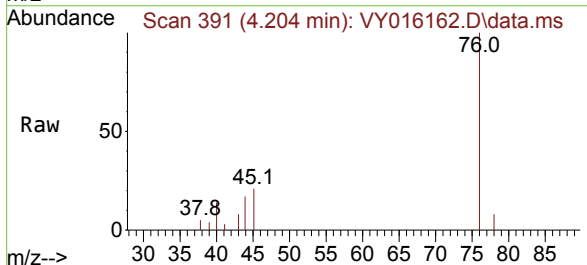
Acq: 01 Nov 2023 12:42

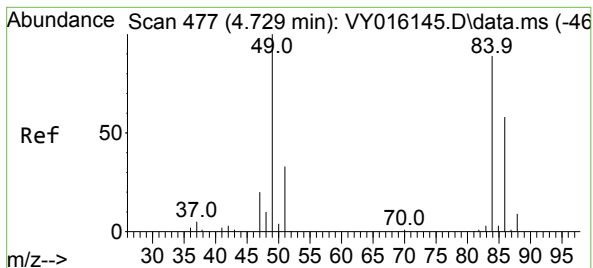
Tgt Ion: 76 Resp: 4616

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.4





#20

Methylene Chloride

Concen: 13.420 ug/l

RT: 4.716 min Scan# 41

Delta R.T. -0.013 min

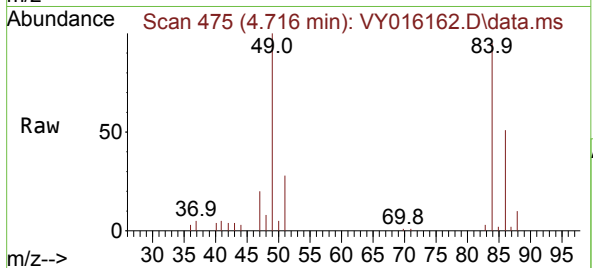
Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 18129

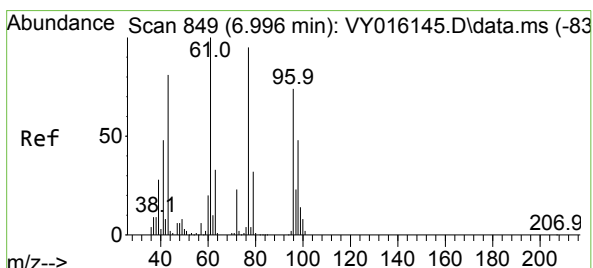
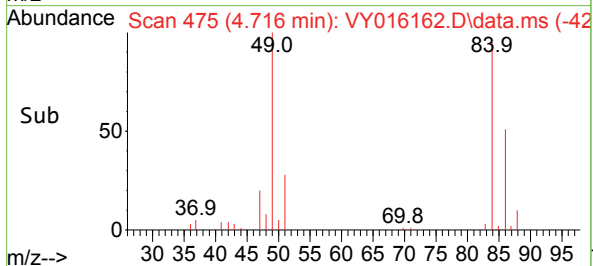
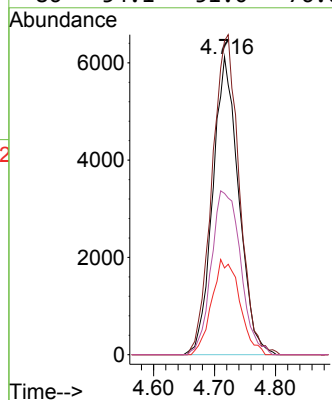
Ion Ratio Lower Upper

84 100

49 105.4 106.9 160.3#

51 29.1 33.2 49.8#

86 54.1 51.0 76.6



#25

2-Butanone

Concen: 19.475 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016162.D

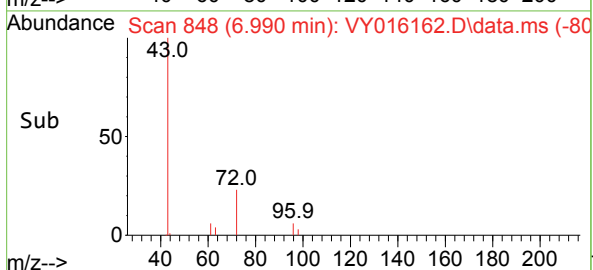
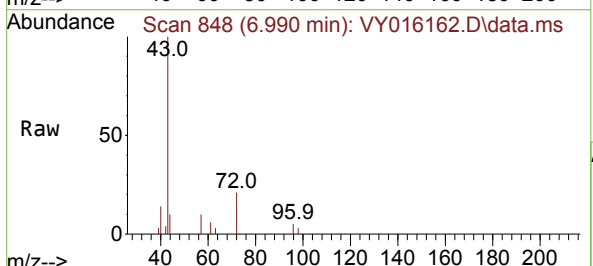
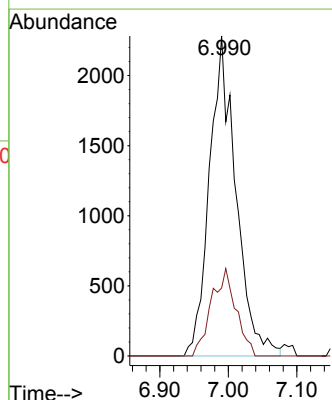
Acq: 01 Nov 2023 12:42

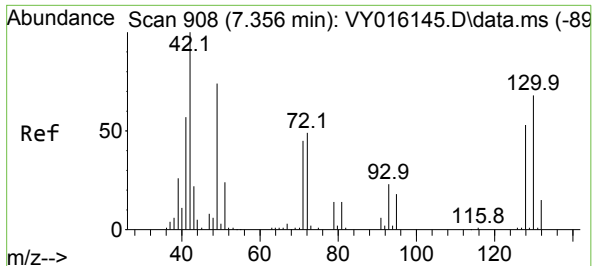
Tgt Ion: 43 Resp: 6120

Ion Ratio Lower Upper

43 100

72 21.3 20.5 30.7





#29

Tetrahydrofuran

Concen: 1.696 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY016162.D

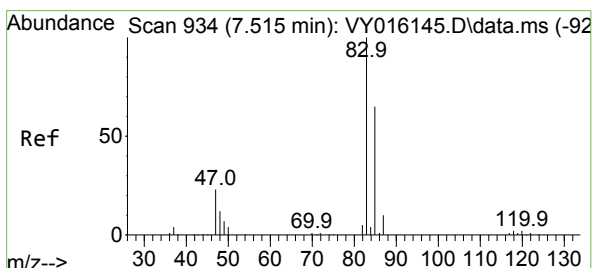
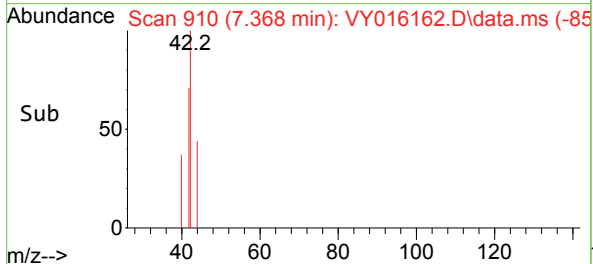
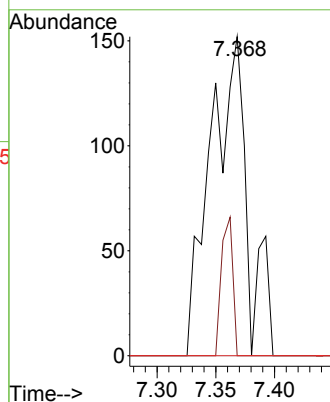
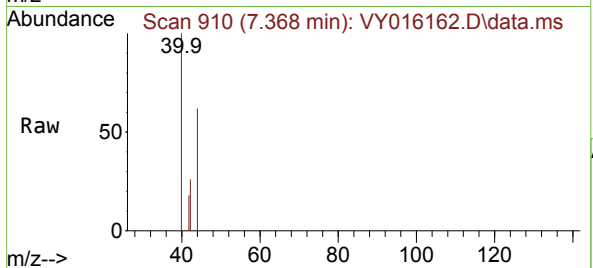
Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	334
Ion	Ratio	Lower	Upper
42	100		
72	13.2	32.8	49.2#
71	0.0	31.0	46.4#



#30

Chloroform

Concen: 1.956 ug/l

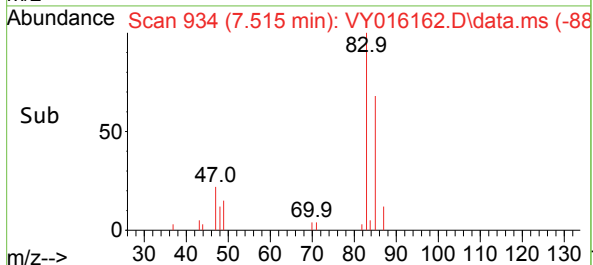
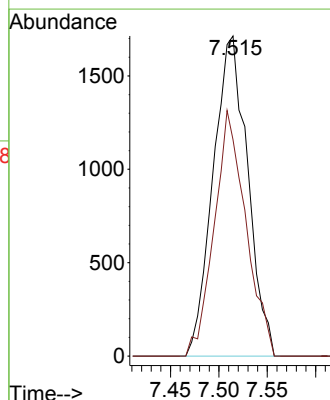
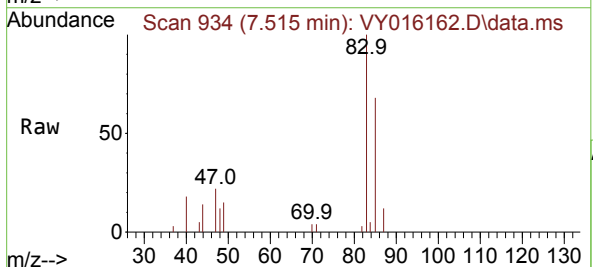
RT: 7.515 min Scan# 934

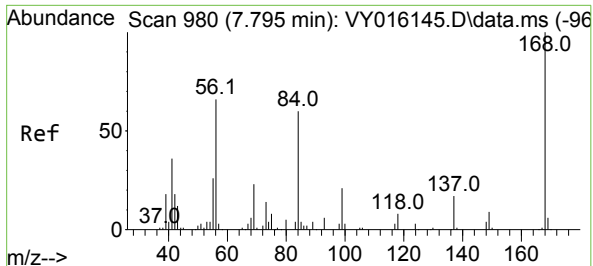
Delta R.T. -0.000 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

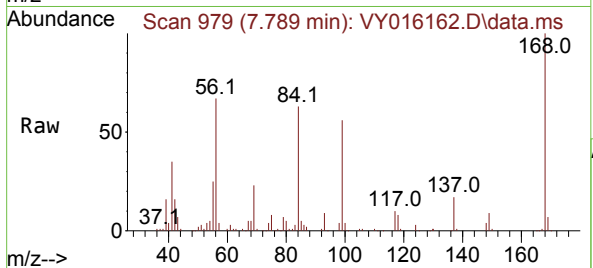
Tgt Ion:	83	Resp:	4248
Ion	Ratio	Lower	Upper
83	100		
85	67.6	49.7	74.5



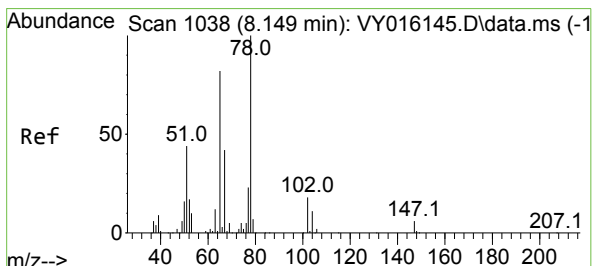
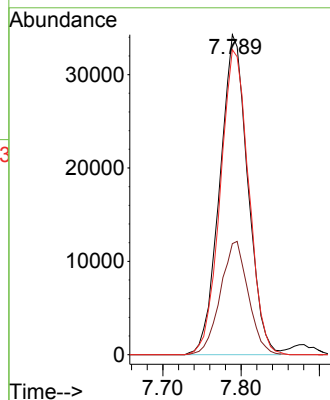
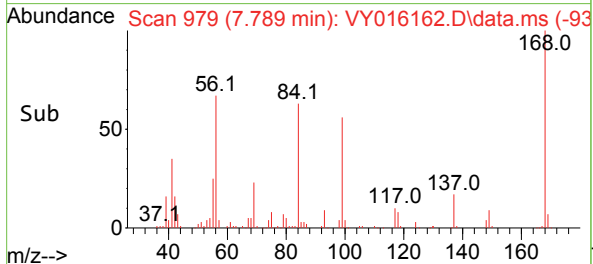


#31
Cyclohexane
Concen: 48.712 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

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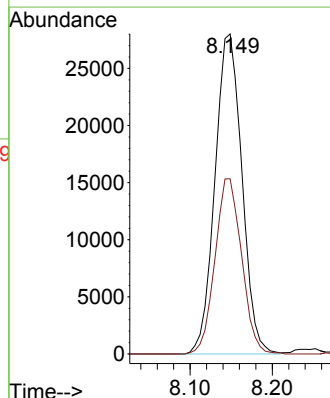
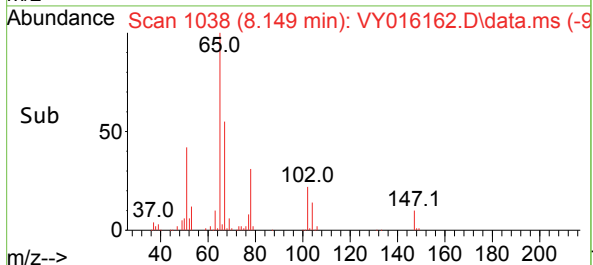
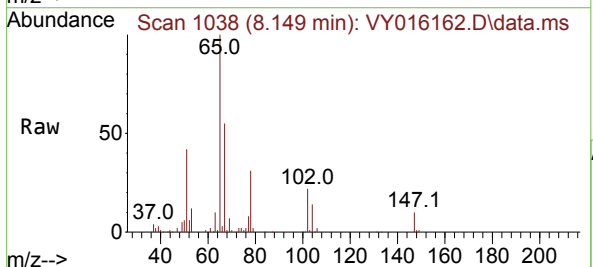


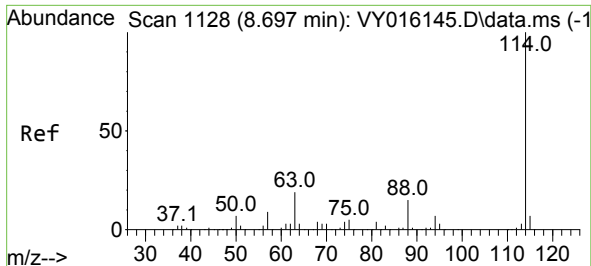
Tgt Ion: 56 Resp: 85294
Ion Ratio Lower Upper
56 100
69 34.7 27.8 41.6
84 95.3 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 55.987 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Tgt Ion: 65 Resp: 63771
Ion Ratio Lower Upper
65 100
67 54.0 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: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

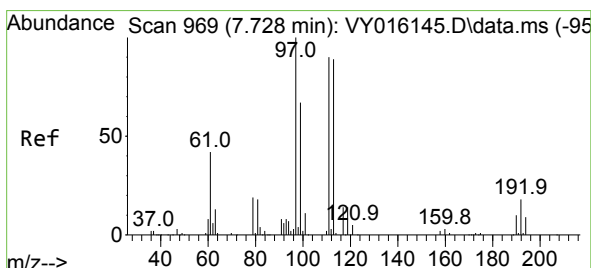
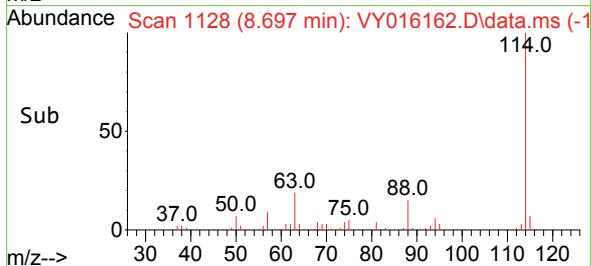
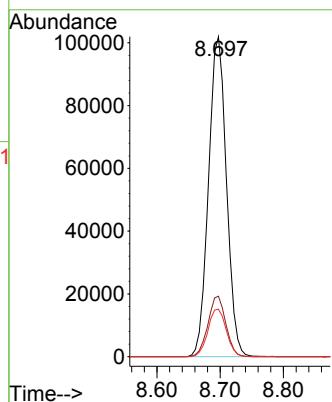
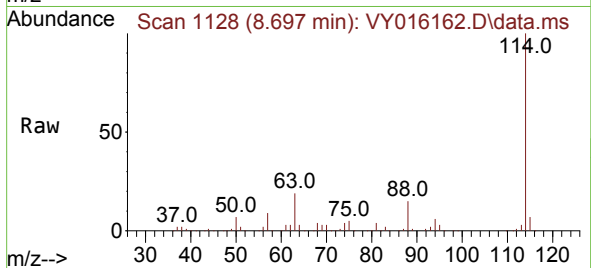
Tgt Ion:114 Resp: 200899

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.118 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

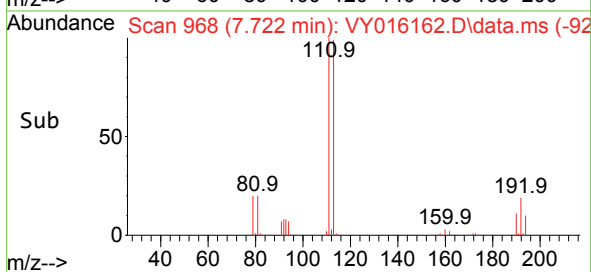
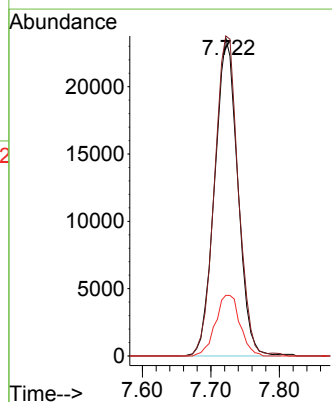
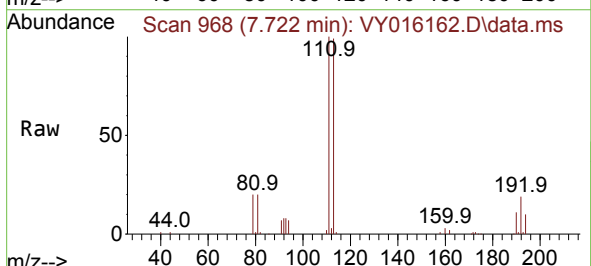
Tgt Ion:113 Resp: 55235

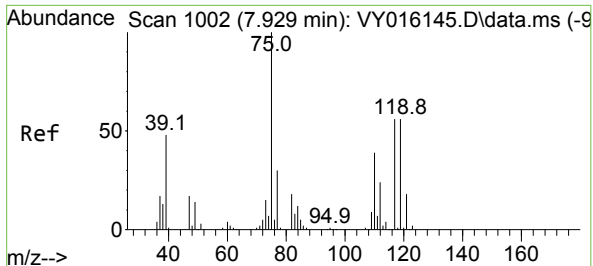
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

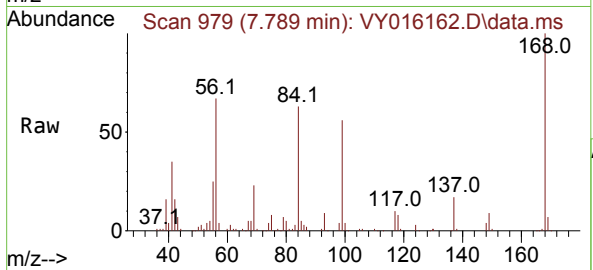
192 20.3 16.9 25.3



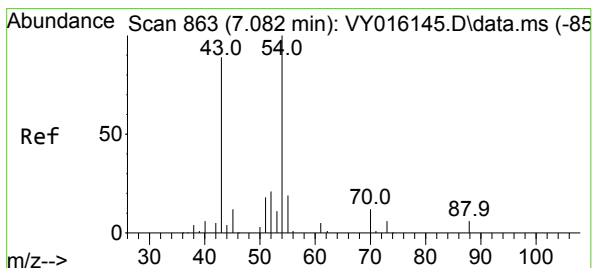
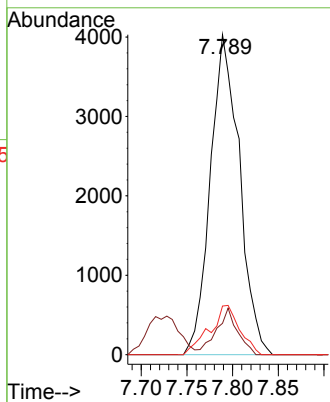
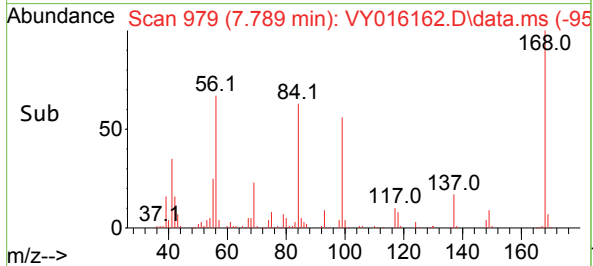


#36
 1,1-Dichloropropene
 Concen: 5.147 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.140 min
 Lab File: VY016162.D
 Acq: 01 Nov 2023 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :

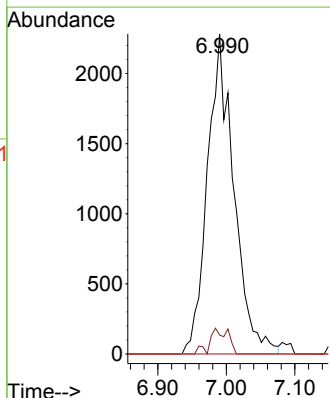
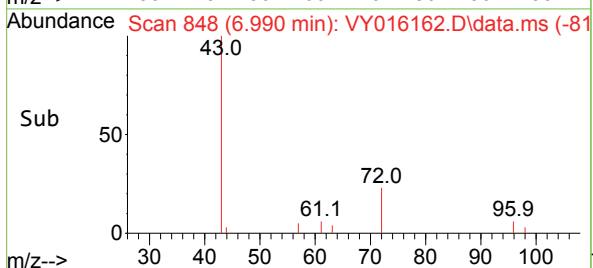
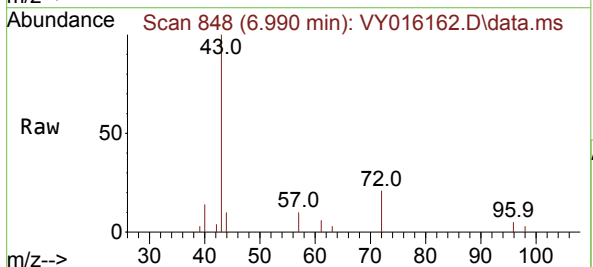


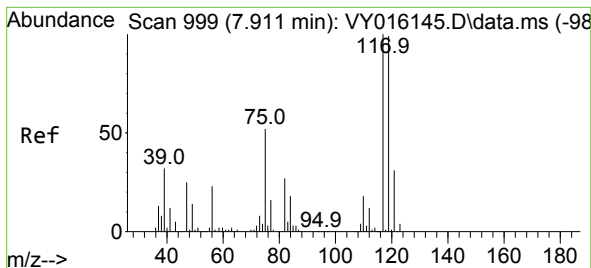
Tgt Ion: 75 Resp: 8902
 Ion Ratio Lower Upper
 75 100
 110 10.6 17.8 53.5#
 77 15.9 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 7.945 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.092 min
 Lab File: VY016162.D
 Acq: 01 Nov 2023 12:42

Tgt Ion: 43 Resp: 6120
 Ion Ratio Lower Upper
 43 100
 61 5.6 10.1 15.1#
 70 0.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 7.072 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.116 min

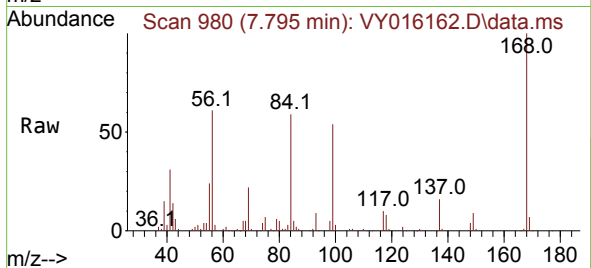
Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :



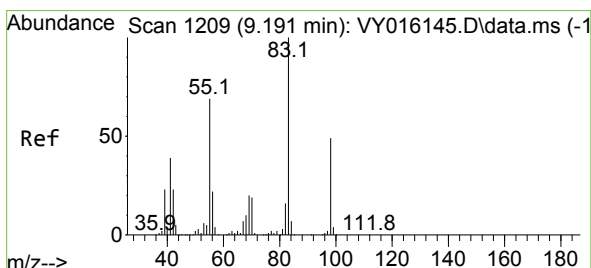
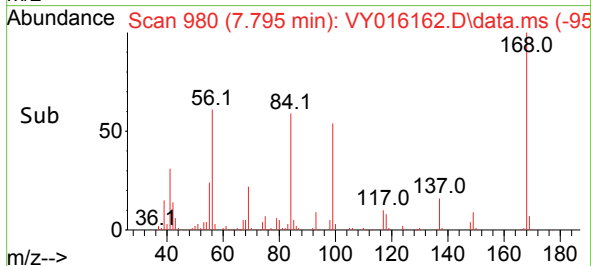
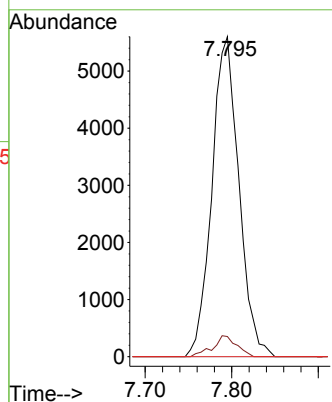
Tgt Ion:117 Resp: 12118

Ion Ratio Lower Upper

117 100

119 6.3 76.4 114.6#

121 0.0 25.8 38.6#



#39

Methylcyclohexane

Concen: 11.573 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. -0.000 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

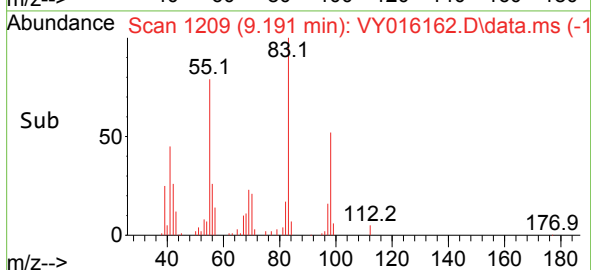
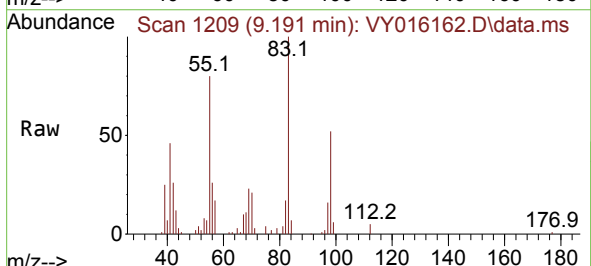
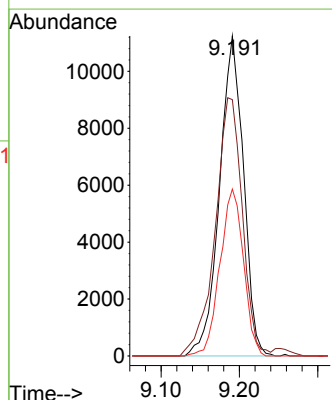
Tgt Ion: 83 Resp: 23892

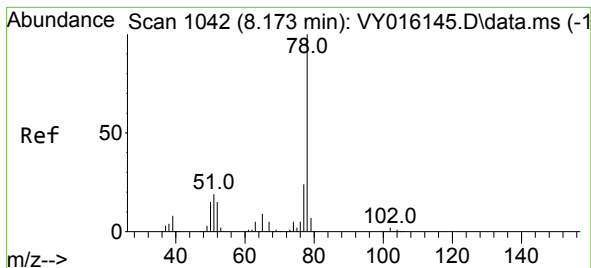
Ion Ratio Lower Upper

83 100

55 80.1 63.0 94.4

98 52.2 37.4 56.2





#40

Benzene

Concen: 8.441 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

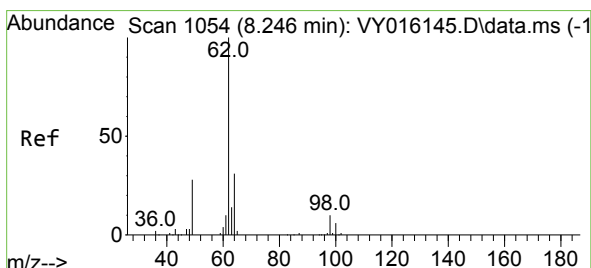
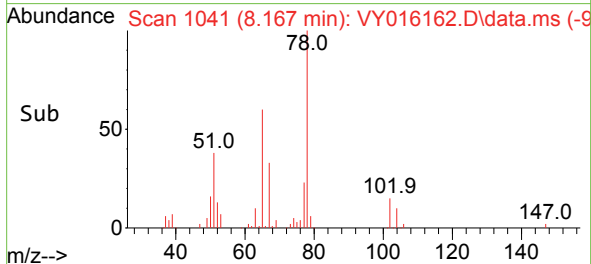
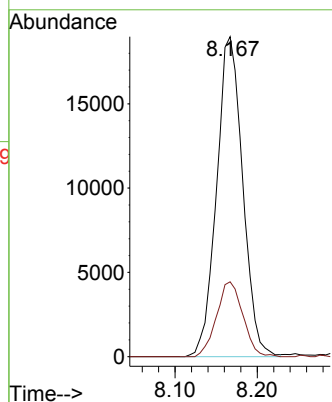
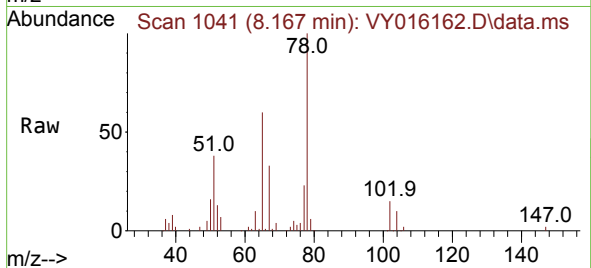
ClientSampleId :

Tgt Ion: 78 Resp: 41909

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6



#42

1,2-Dichloroethane

Concen: 17.005 ug/l

RT: 8.246 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VY016162.D

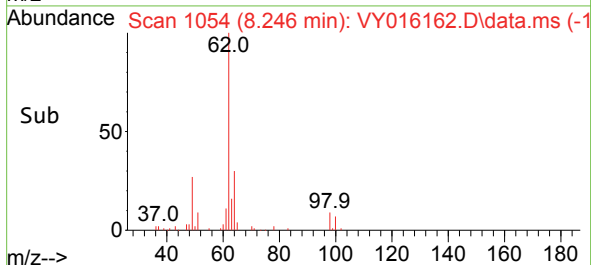
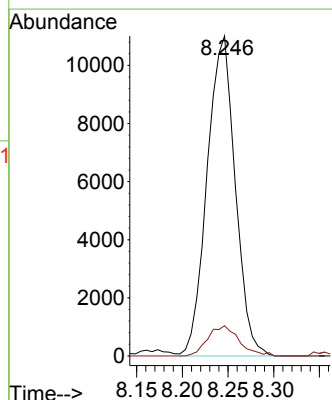
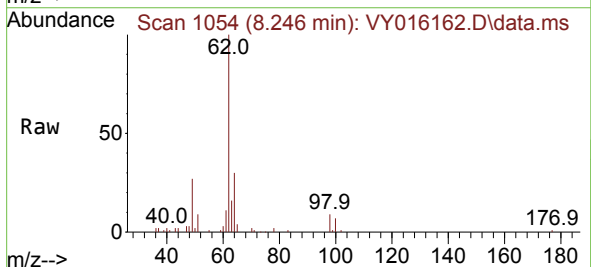
Acq: 01 Nov 2023 12:42

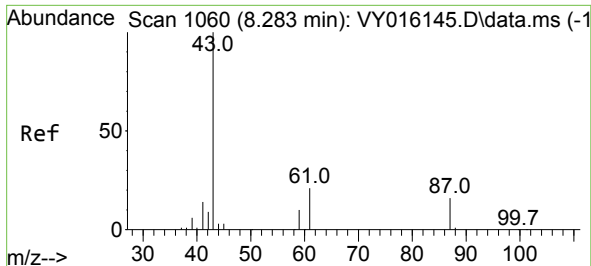
Tgt Ion: 62 Resp: 23562

Ion Ratio Lower Upper

62 100

98 10.5 0.0 15.8

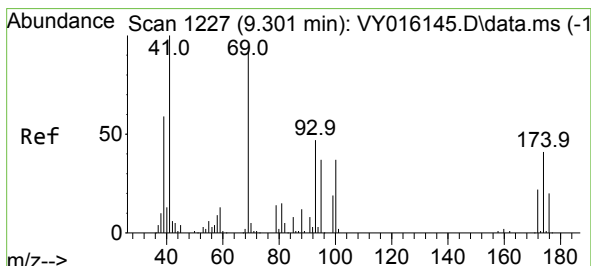
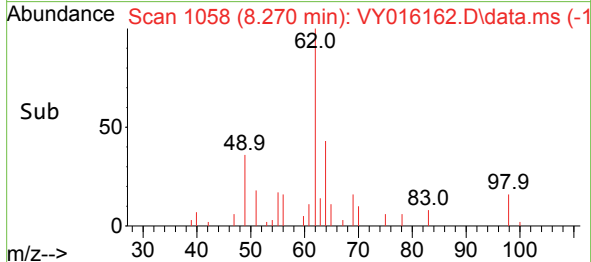
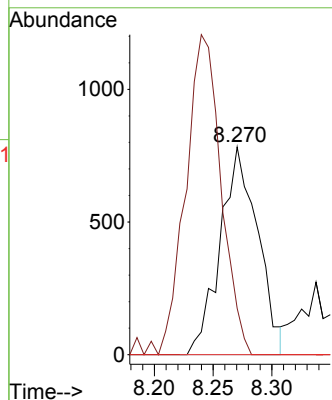
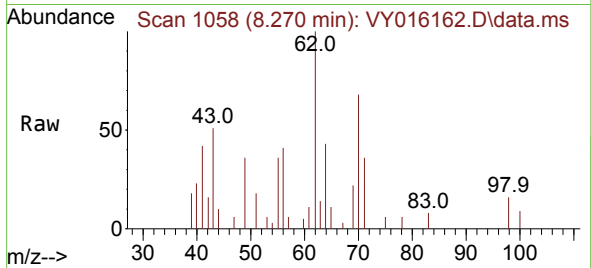




#43
Isopropyl Acetate
Concen: 1.142 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.012 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

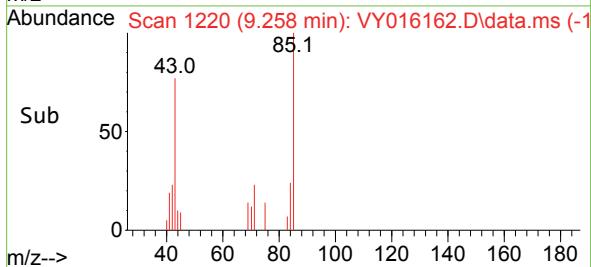
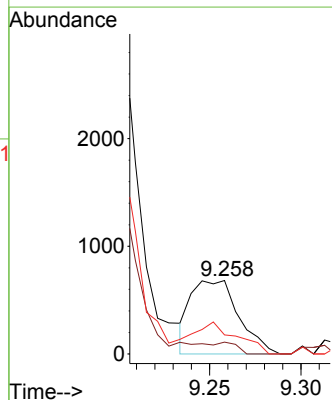
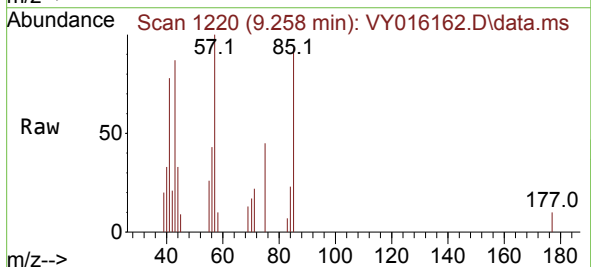
Instrument :
MSVOA_Y
ClientSampleId :

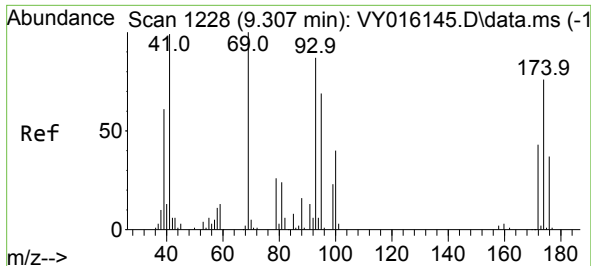
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#



#48
Methyl methacrylate
Concen: 1.795 ug/l
RT: 9.258 min Scan# 1220
Delta R.T. -0.043 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

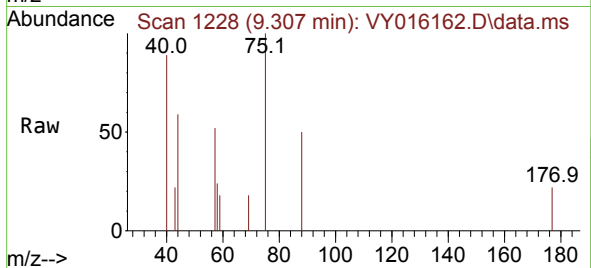
Tgt Ion: 41 Resp: 1244
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 38.1 50.8 76.2#



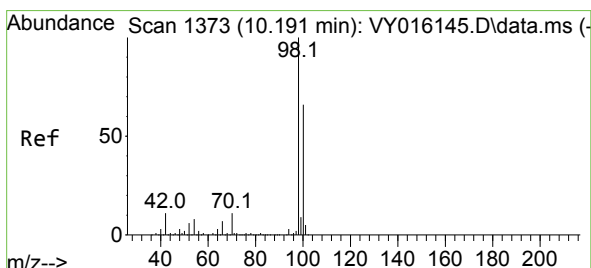
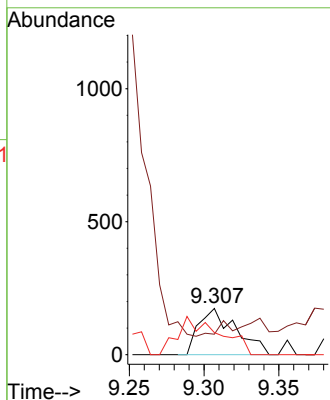
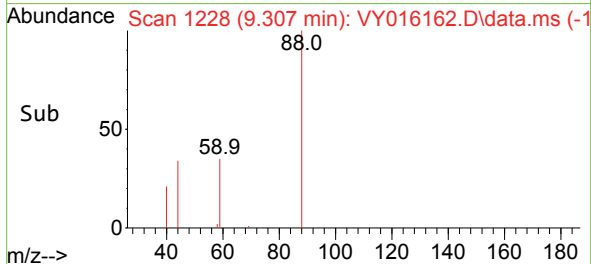


#49
1,4-Dioxane
Concen: Below Cal
RT: 9.307 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Instrument :
MSVOA_Y
ClientSampleId :

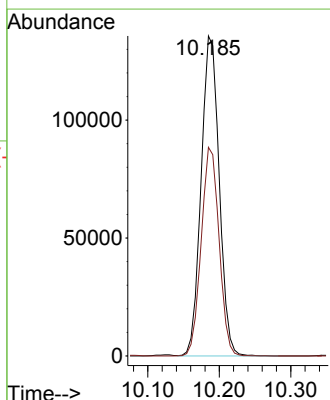
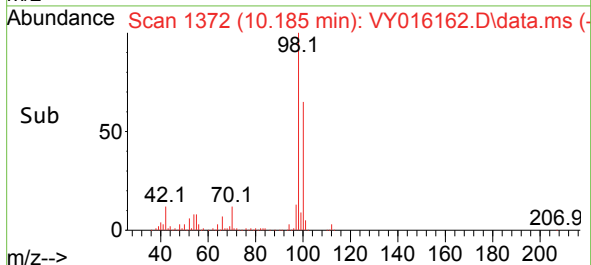
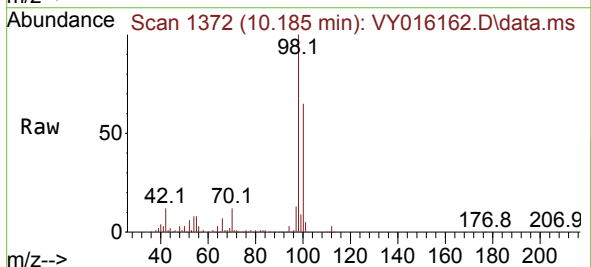


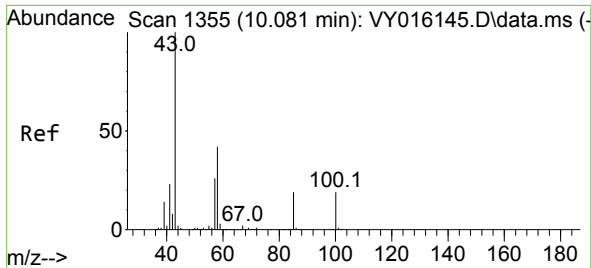
Tgt Ion: 88 Resp: 300
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 92.7 30.9 46.3#



#50
Toluene-d8
Concen: 50.155 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Tgt Ion: 98 Resp: 238167
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1

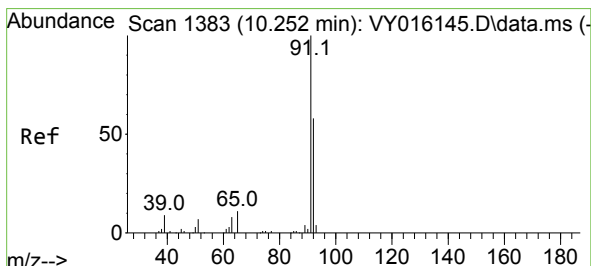
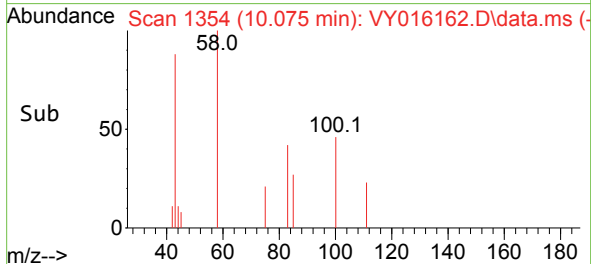
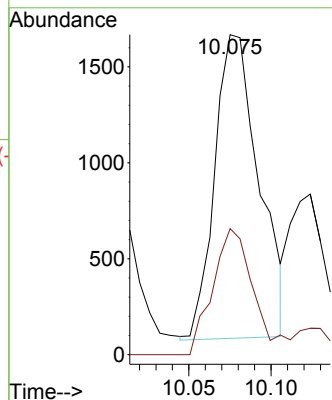
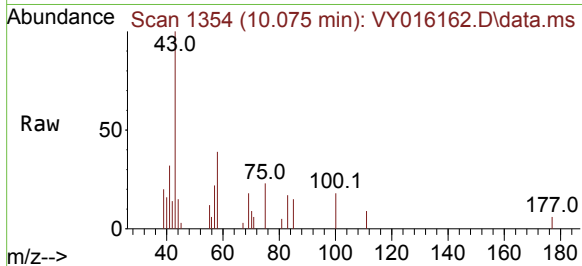




#51
4-Methyl-2-Pentanone
Concen: 3.891 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

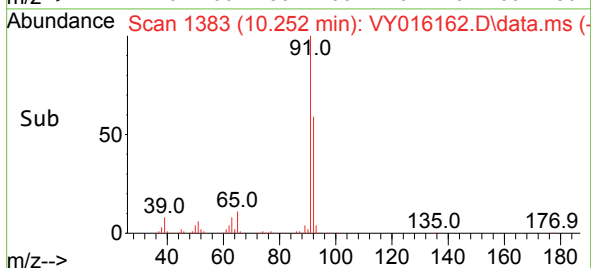
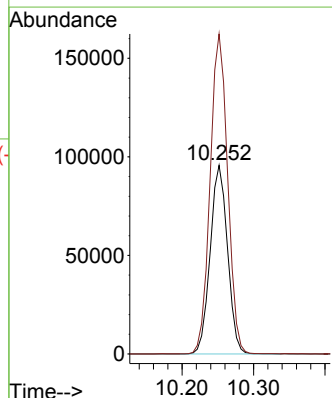
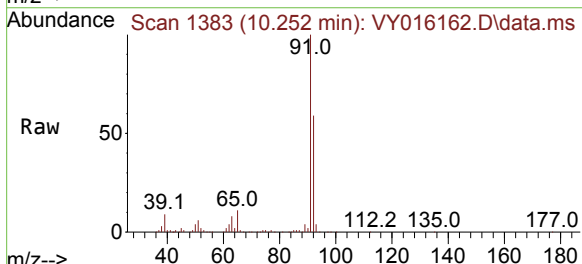
Instrument :
MSVOA_Y
ClientSampleId :

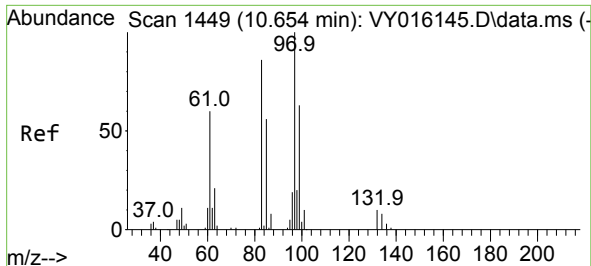
Tgt Ion: 43 Resp: 2958
Ion Ratio Lower Upper
43 100
58 38.6 29.0 43.6



#52
Toluene
Concen: 50.058 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

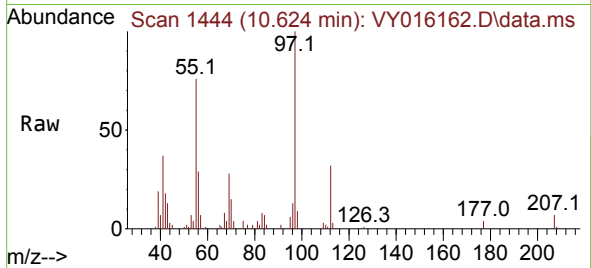
Tgt Ion: 92 Resp: 161057
Ion Ratio Lower Upper
92 100
91 171.1 143.8 215.6



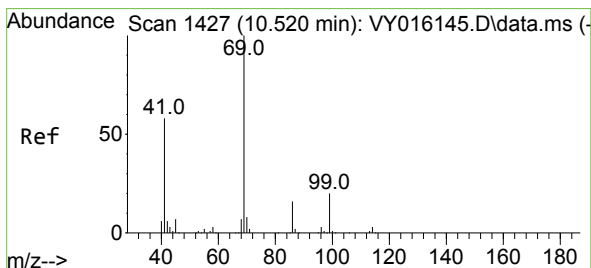
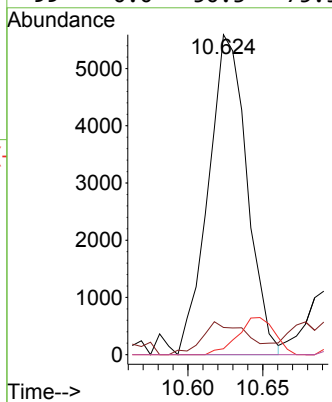
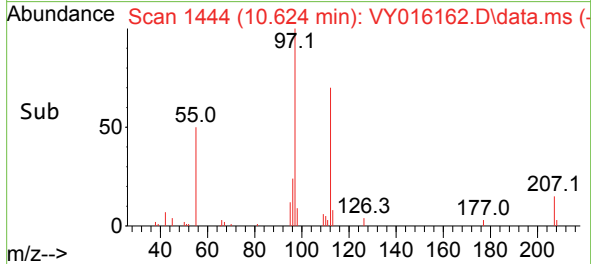


#55
1,1,2-Trichloroethane
Concen: 10.529 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.031 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Instrument :
MSVOA_Y
ClientSampleId :

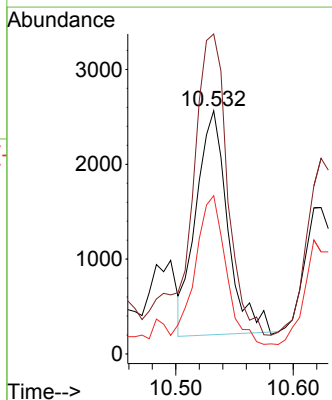
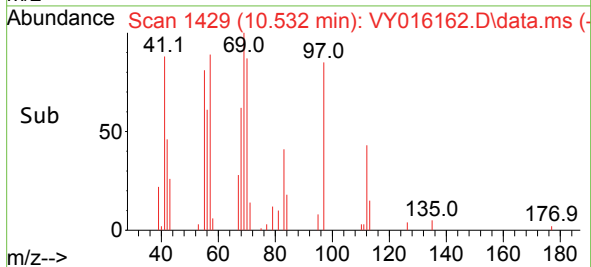
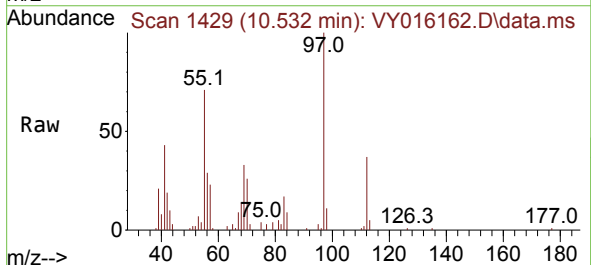


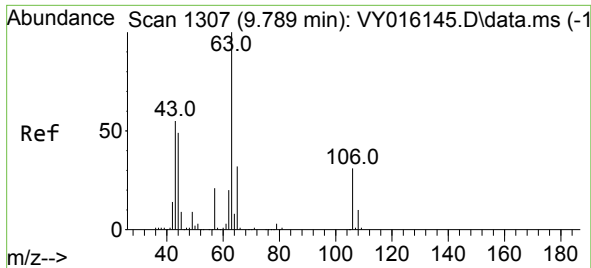
Tgt Ion: 97 Resp: 10035
Ion Ratio Lower Upper
97 100
83 7.1 72.0 108.0#
85 1.9 45.4 68.0#
99 0.0 50.3 75.5#



#56
Ethyl methacrylate
Concen: 3.569 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Tgt Ion: 69 Resp: 4418
Ion Ratio Lower Upper
69 100
41 159.3 57.6 86.4#
39 64.8 34.1 51.1#

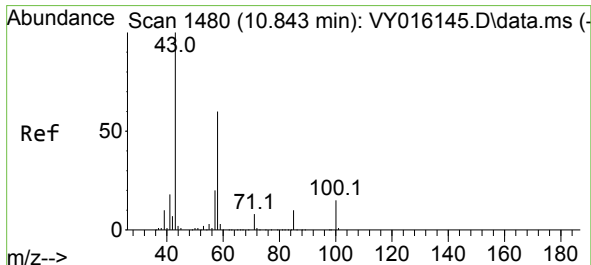
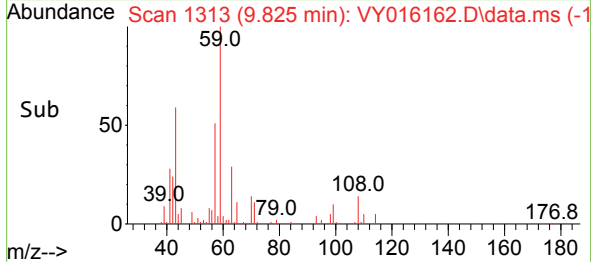
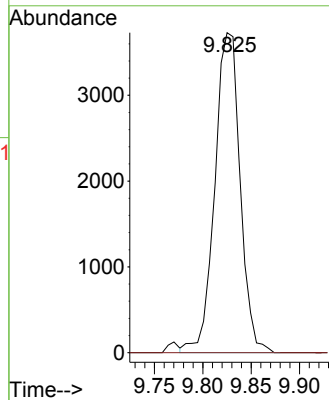
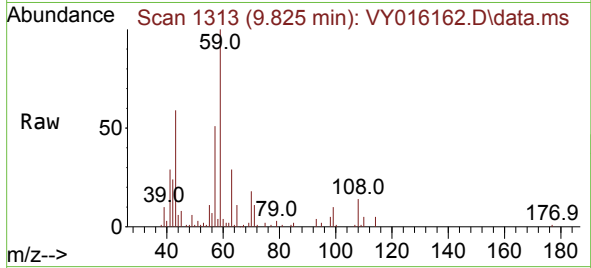




#58
2-Chloroethyl Vinyl ether
Concen: 11.304 ug/l
RT: 9.825 min Scan# 11
Delta R.T. 0.036 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

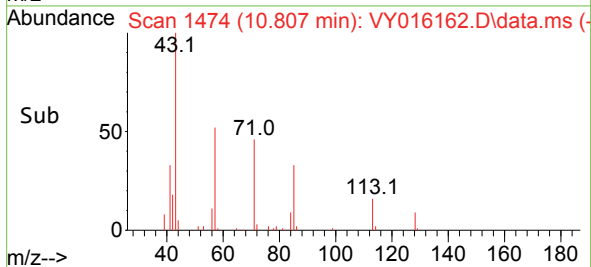
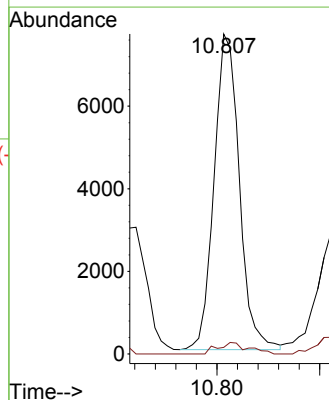
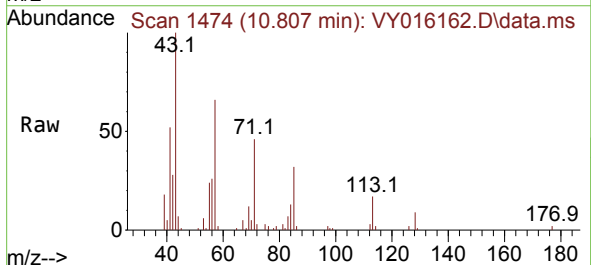
Instrument :
MSVOA_Y
ClientSampleId :

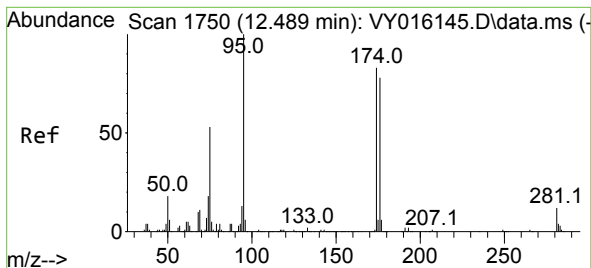
Tgt Ion: 63 Resp: 6785
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#59
2-Hexanone
Concen: 24.974 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.037 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Tgt Ion: 43 Resp: 13011
Ion Ratio Lower Upper
43 100
58 4.4 25.1 75.3#

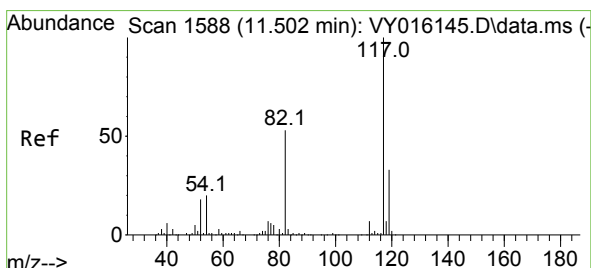
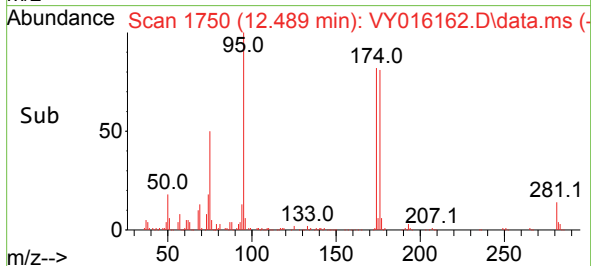
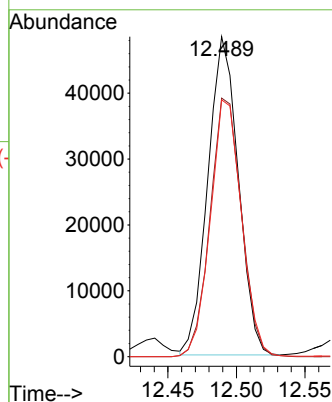
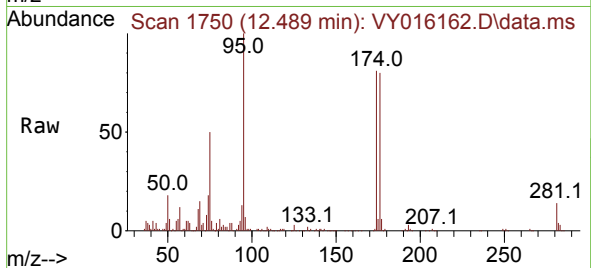




#62
4-Bromofluorobenzene
Concen: 46.075 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

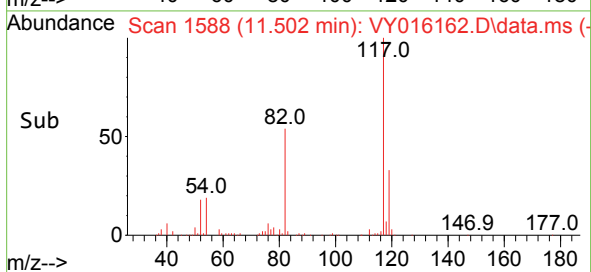
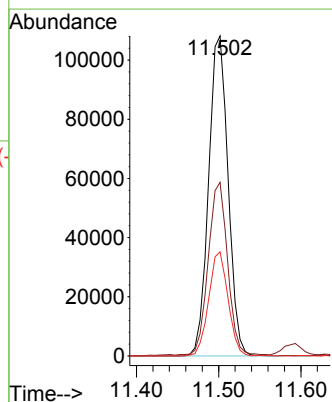
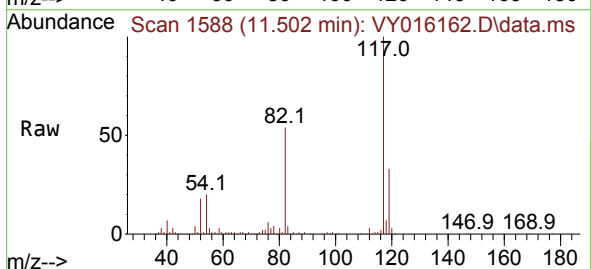
Instrument :
MSVOA_Y
ClientSampleId :

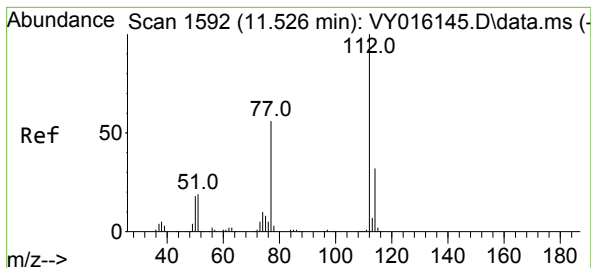
Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	178.2
176	82.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.4	65.0
119	32.6	26.3	39.5





#65

Chlorobenzene

Concen: 18.346 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

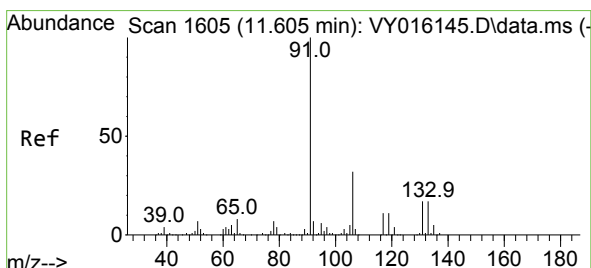
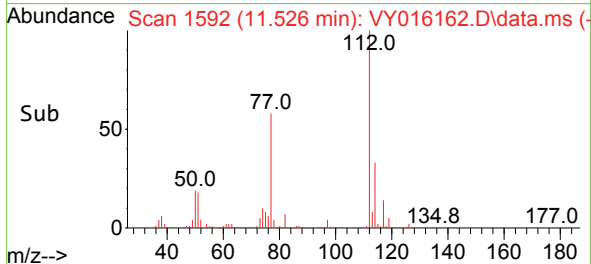
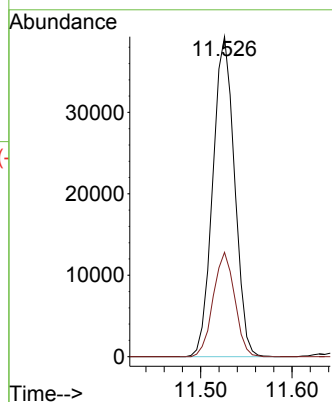
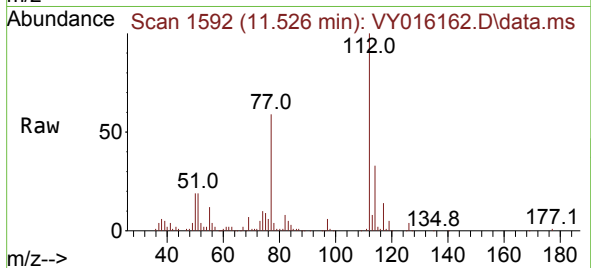
ClientSampleId :

Tgt Ion:112 Resp: 64825

Ion Ratio Lower Upper

112 100

114 32.6 25.5 38.3



#67

Ethyl Benzene

Concen: 55.894 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016162.D

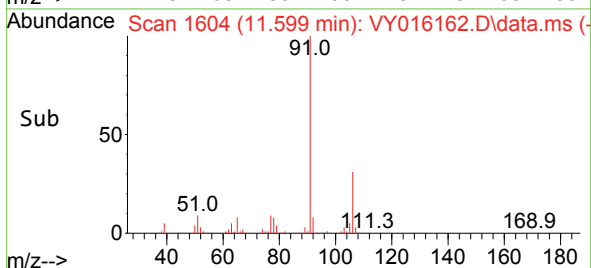
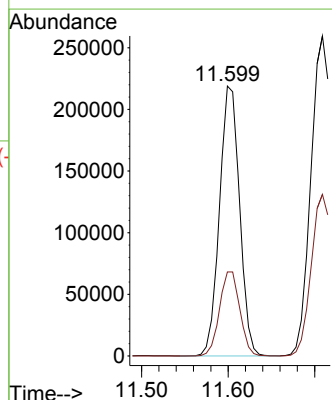
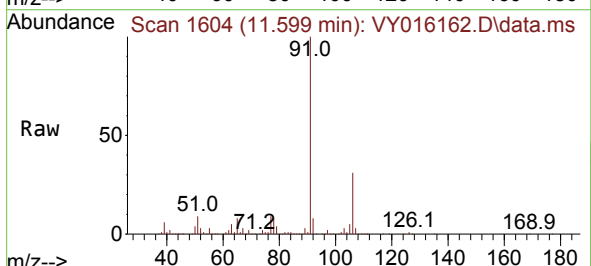
Acq: 01 Nov 2023 12:42

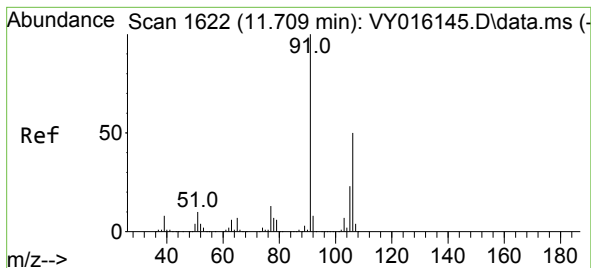
Tgt Ion: 91 Resp: 353251

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8





#68

m/p-Xylenes

Concen: 96.739 ug/l

RT: 11.709 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

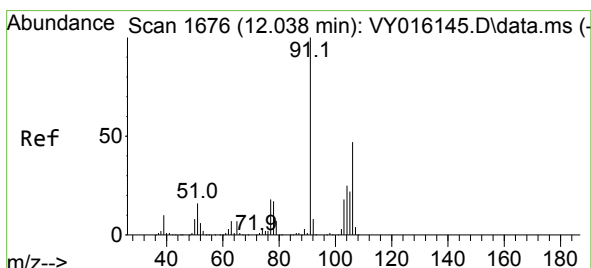
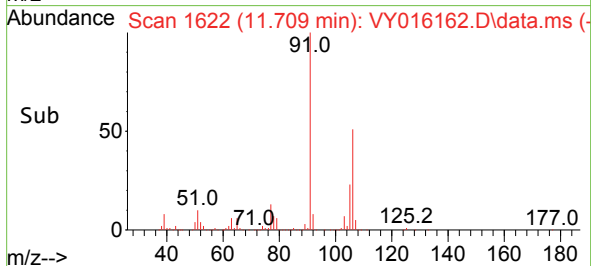
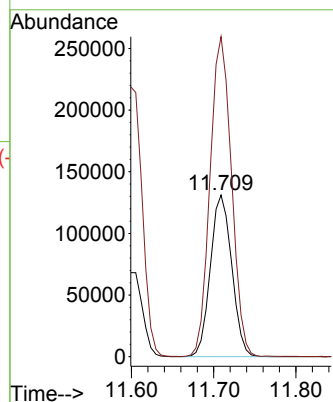
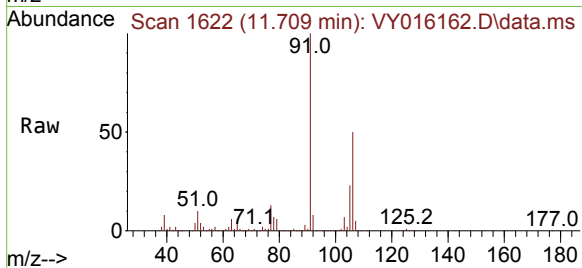
ClientSampleId :

Tgt Ion:106 Resp: 236252

Ion Ratio Lower Upper

106 100

91 199.5 166.1 249.1



#69

o-Xylene

Concen: 37.200 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY016162.D

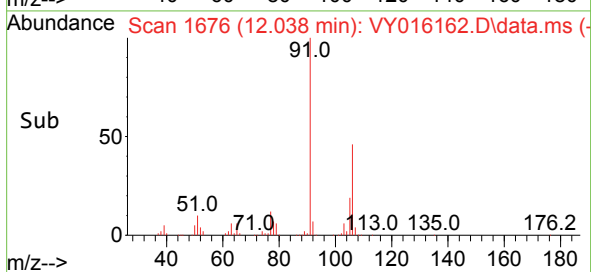
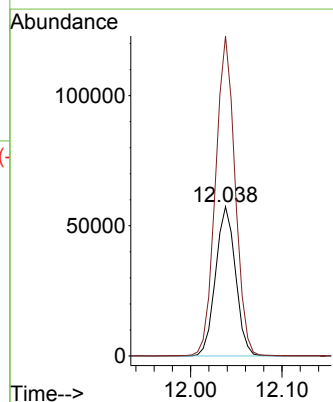
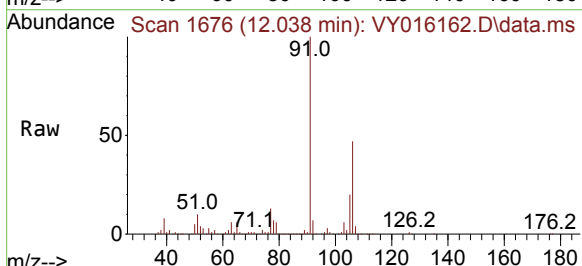
Acq: 01 Nov 2023 12:42

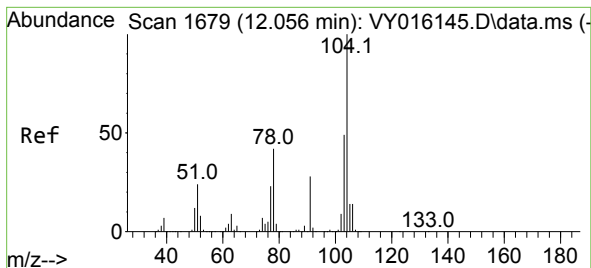
Tgt Ion:106 Resp: 86741

Ion Ratio Lower Upper

106 100

91 211.1 108.1 324.3





#70

Styrene

Concen: 1.496 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

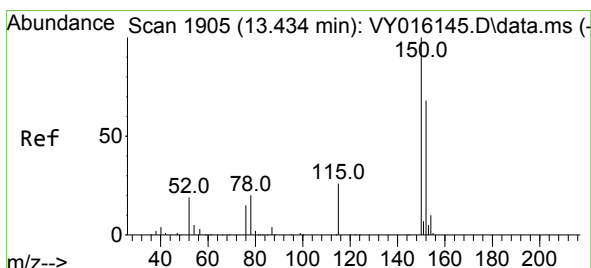
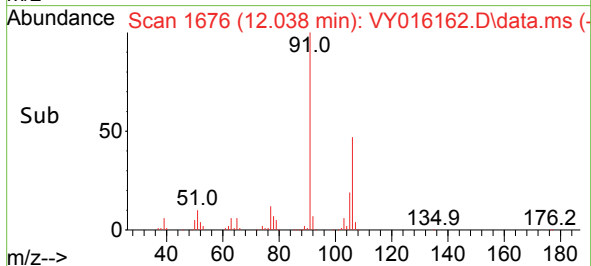
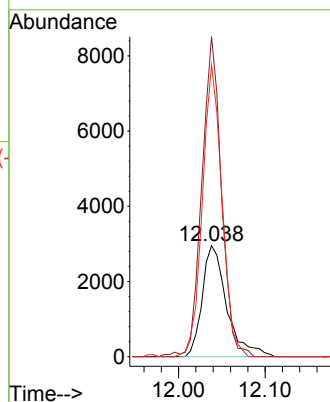
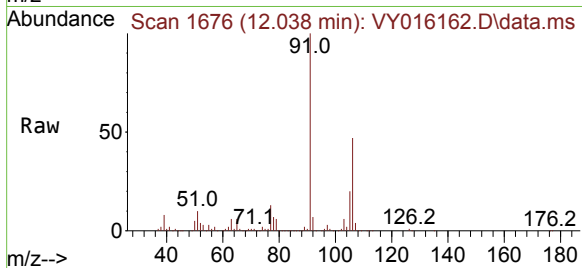
Tgt Ion:104 Resp: 5800

Ion Ratio Lower Upper

104 100

78 229.8 41.5 62.3#

103 210.8 44.6 67.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

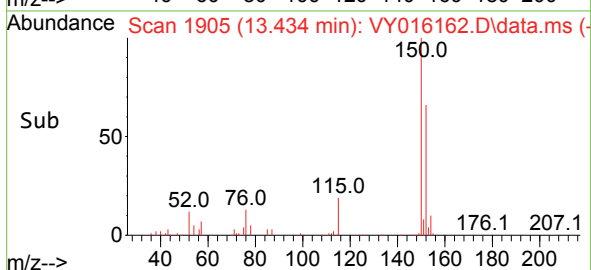
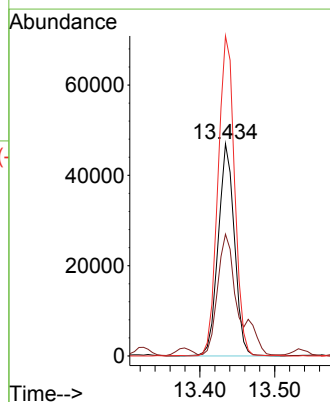
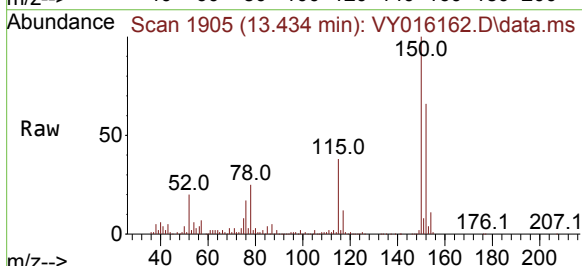
Tgt Ion:152 Resp: 70881

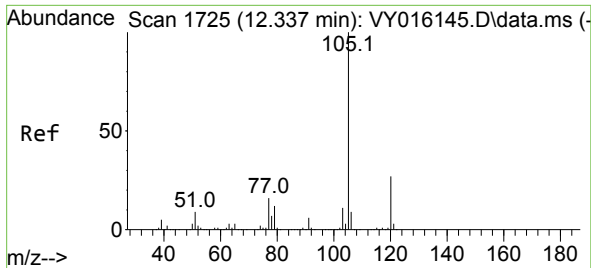
Ion Ratio Lower Upper

152 100

115 71.2 28.8 86.5

150 154.7 0.0 348.8

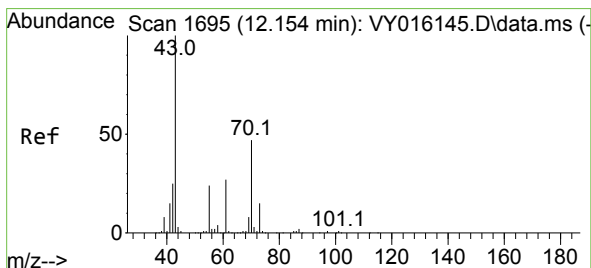
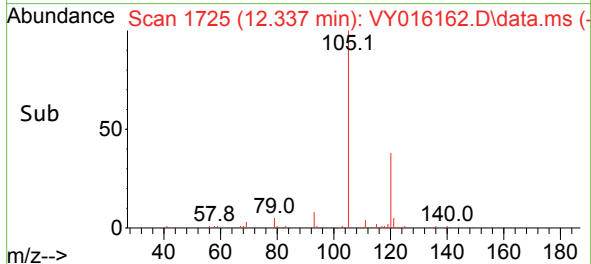
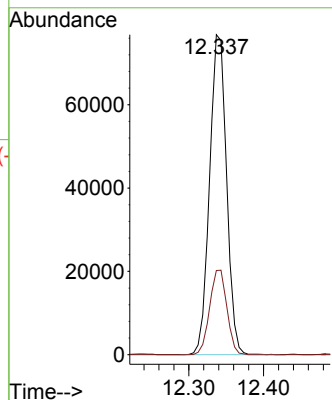
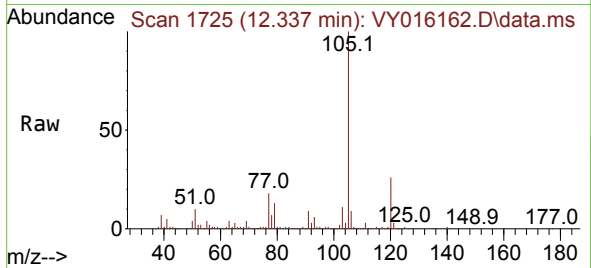




#73
Isopropylbenzene
Concen: 22.838 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

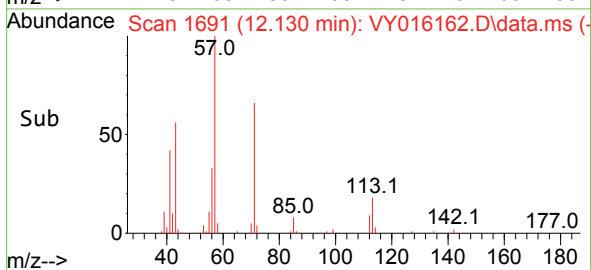
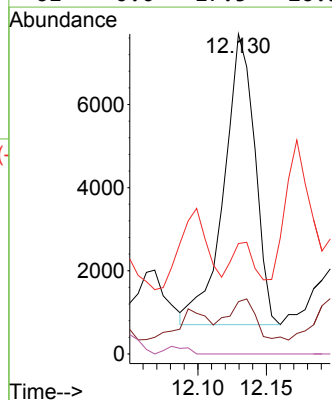
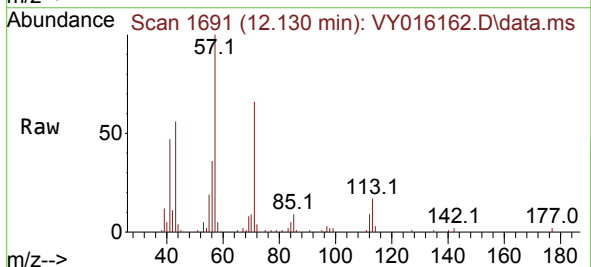
Instrument :
MSVOA_Y
ClientSampleId :

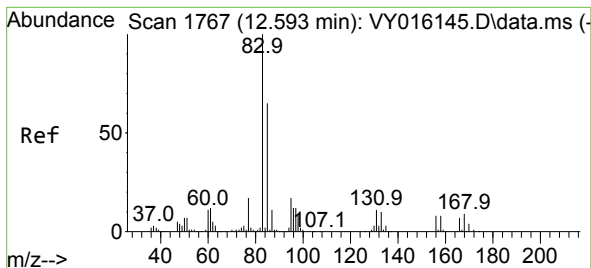
Tgt Ion:105 Resp: 121428
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 9.494 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.024 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Tgt Ion: 43 Resp: 10970
Ion Ratio Lower Upper
43 100
70 11.7 29.7 44.5#
55 12.4 18.3 27.5#
61 0.0 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.189 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.018 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

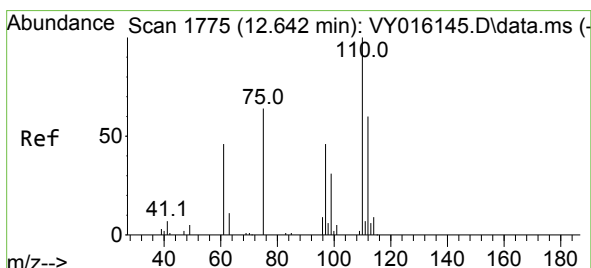
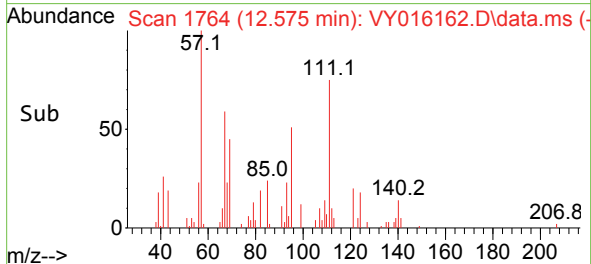
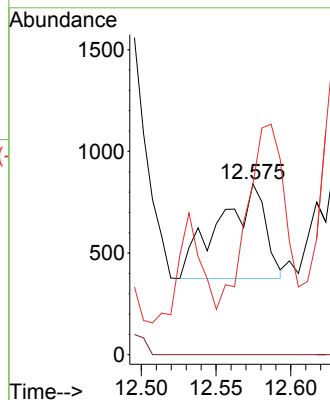
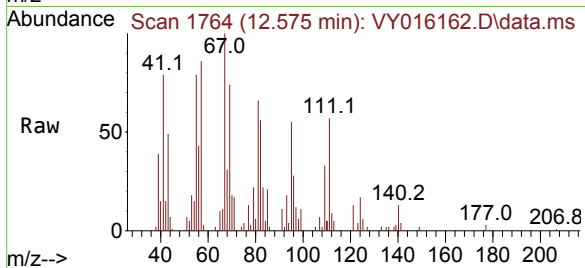
Tgt Ion: 83 Resp: 1006

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 155.1 31.8 95.4#



#76

1,2,3-Trichloropropane

Concen: 1.910 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.043 min

Lab File: VY016162.D

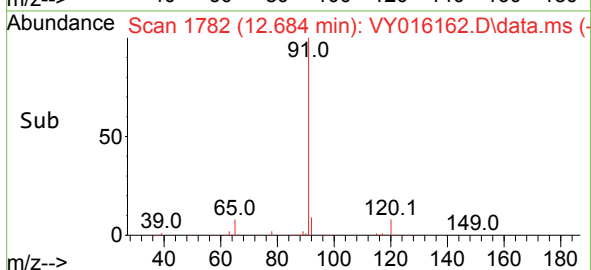
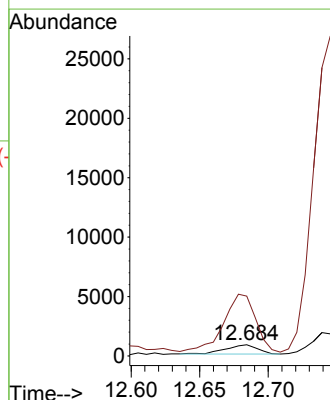
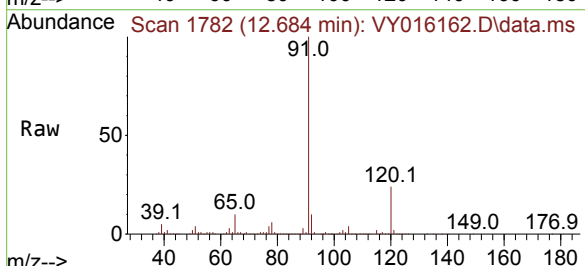
Acq: 01 Nov 2023 12:42

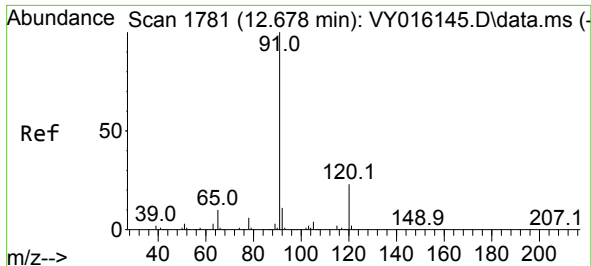
Tgt Ion: 75 Resp: 1275

Ion Ratio Lower Upper

75 100

77 651.4 0.0 0.0#

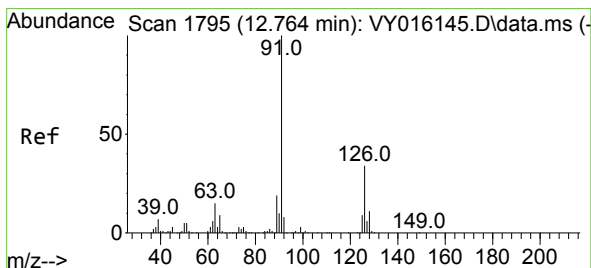
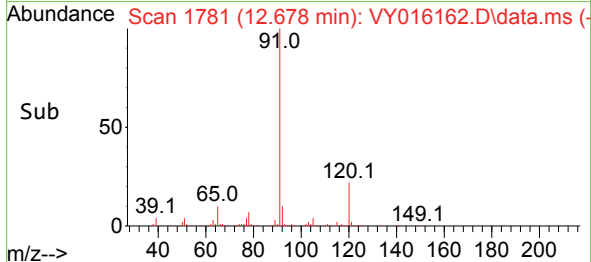
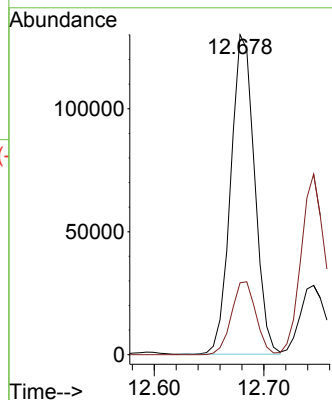
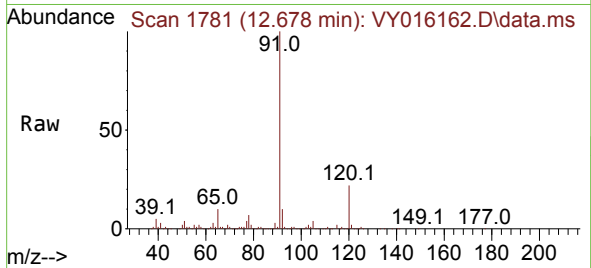




#78
n-propylbenzene
Concen: 31.282 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

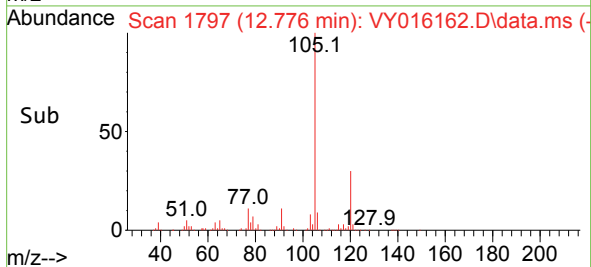
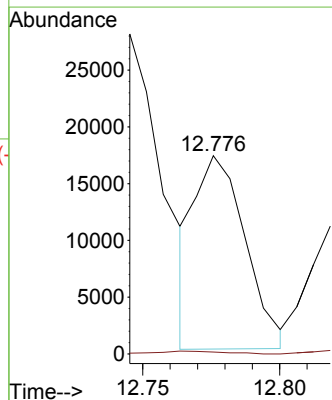
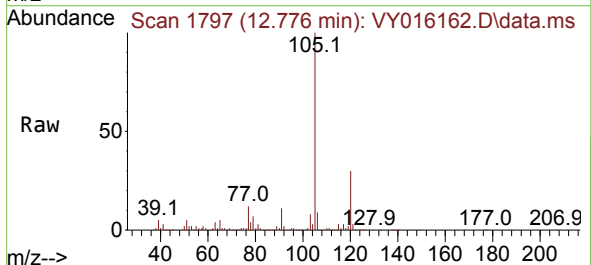
Instrument :
MSVOA_Y
ClientSampleId :

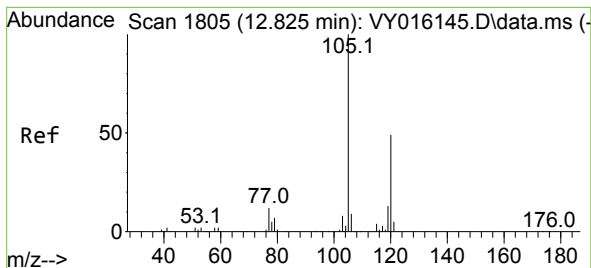
Tgt Ion: 91 Resp: 196639
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4



#79
2-Chlorotoluene
Concen: 6.258 ug/l
RT: 12.776 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Tgt Ion: 91 Resp: 21941
Ion Ratio Lower Upper
91 100
126 1.8 17.3 51.7#





#80

1,3,5-Trimethylbenzene

Concen: 37.047 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

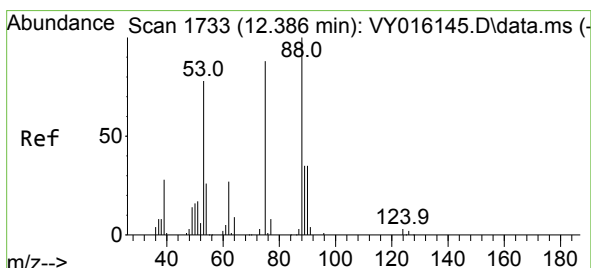
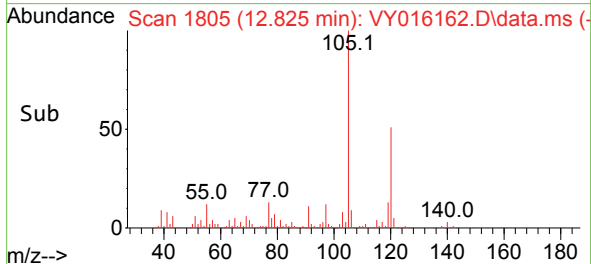
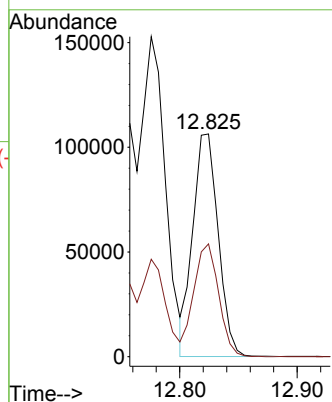
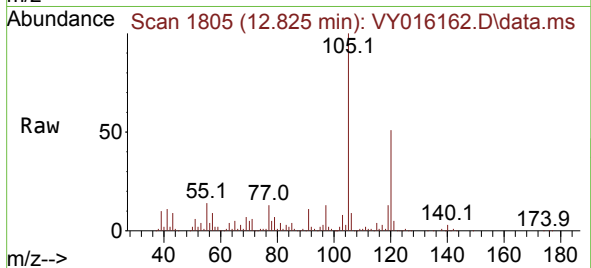
ClientSampleId :

Tgt Ion:105 Resp: 159584

Ion Ratio Lower Upper

105 100

120 49.9 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 4.535 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.049 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

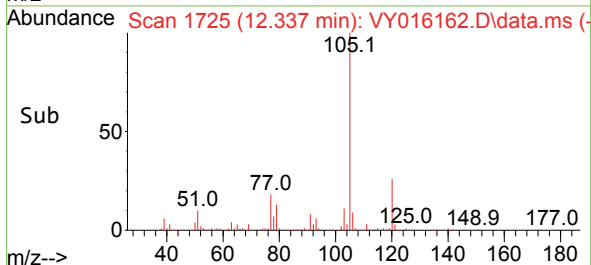
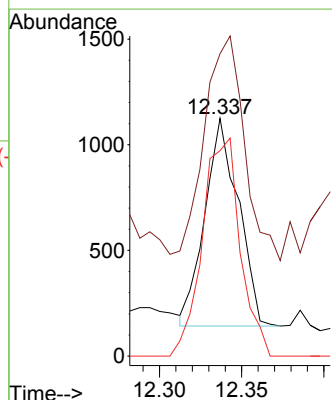
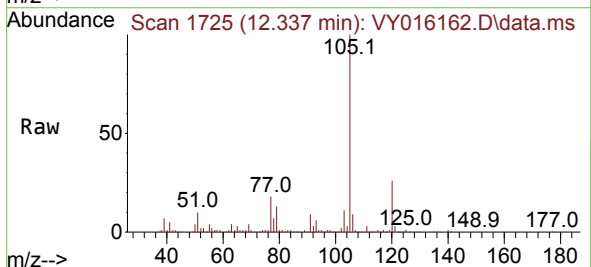
Tgt Ion: 75 Resp: 1396

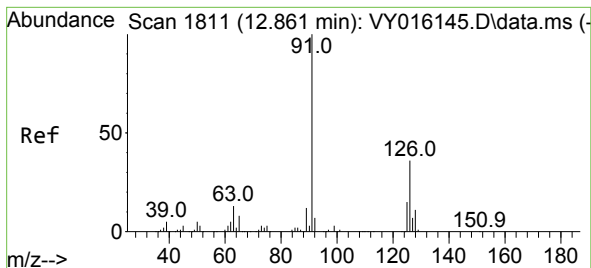
Ion Ratio Lower Upper

75 100

53 130.0 77.8 116.8#

89 117.9 37.4 56.0#





#82

4-Chlorotoluene

Concen: 4.573 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.037 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

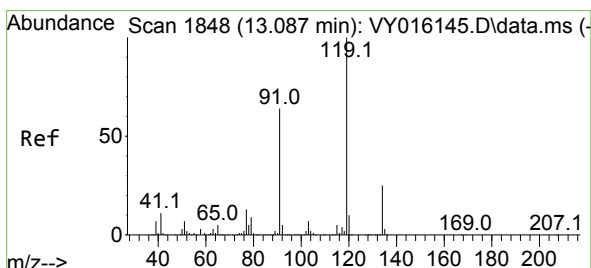
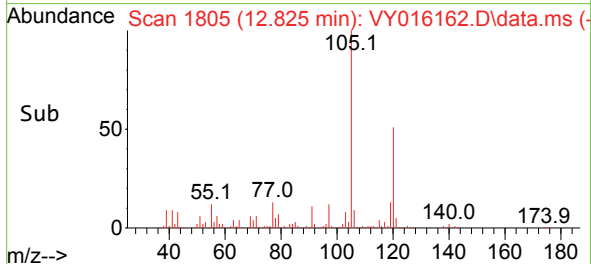
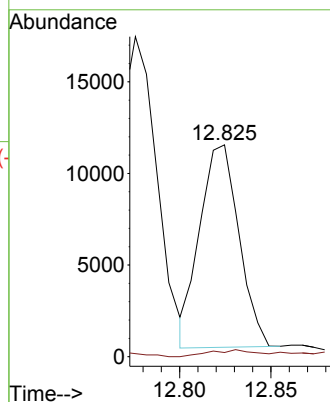
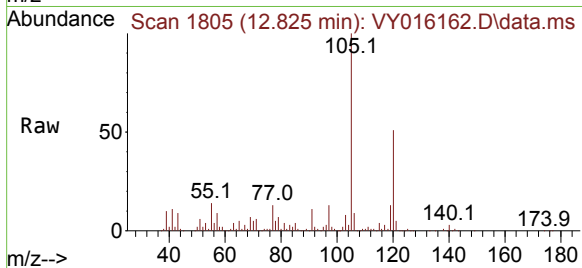
ClientSampleId :

Tgt Ion: 91 Resp: 16463

Ion Ratio Lower Upper

91 100

126 4.0 17.2 51.6#



#83

tert-Butylbenzene

Concen: 1.477 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

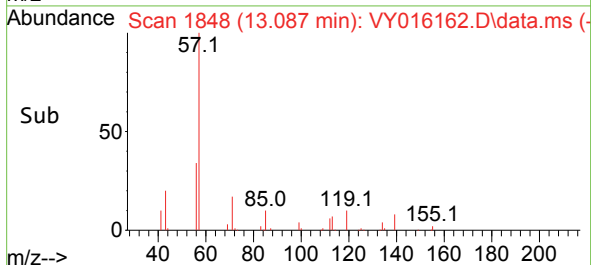
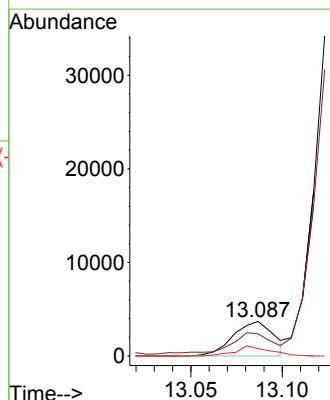
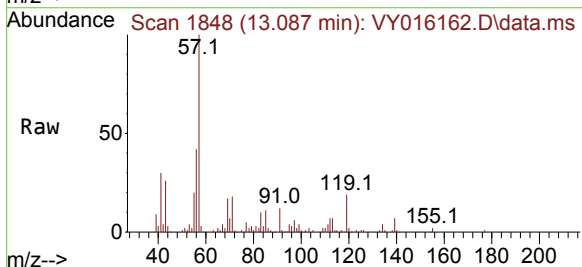
Tgt Ion: 119 Resp: 5693

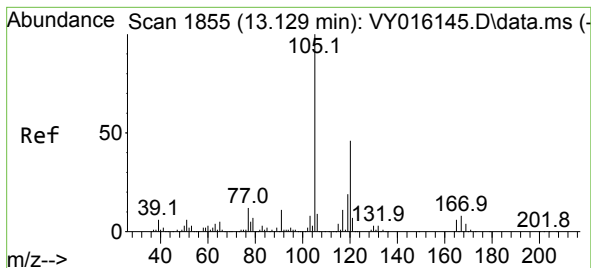
Ion Ratio Lower Upper

119 100

91 63.9 32.9 98.6

134 24.4 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 123.859 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

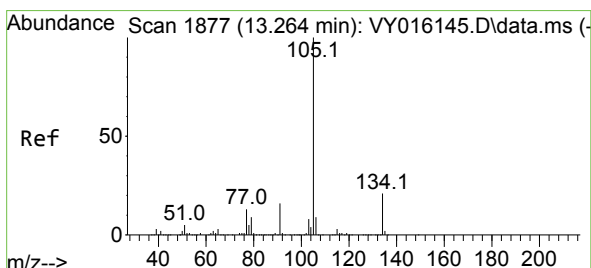
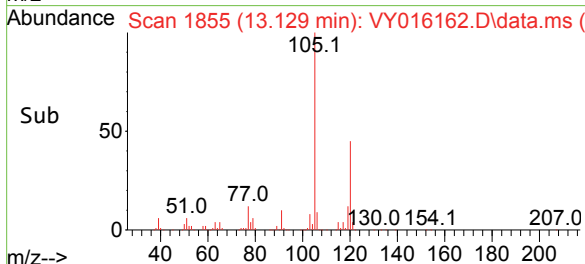
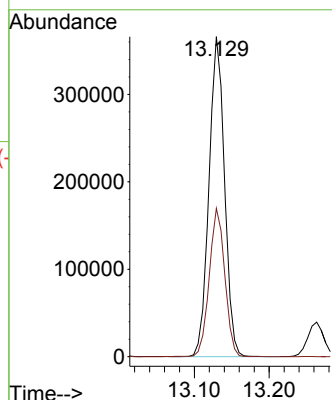
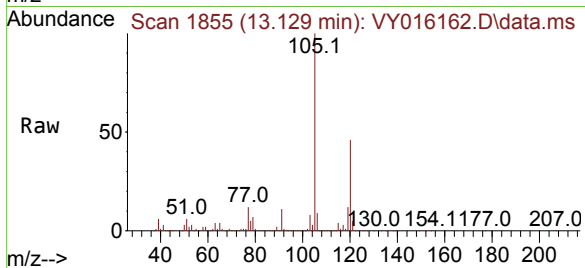
ClientSampleId :

Tgt Ion:105 Resp: 527936

Ion Ratio Lower Upper

105 100

120 46.4 22.2 66.6



#85

sec-Butylbenzene

Concen: 10.417 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016162.D

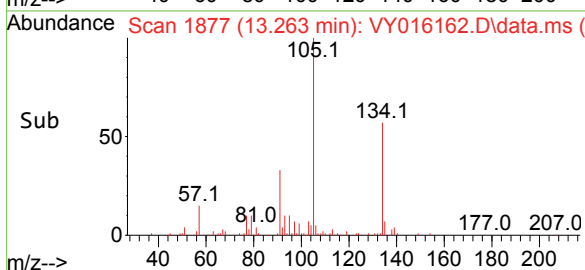
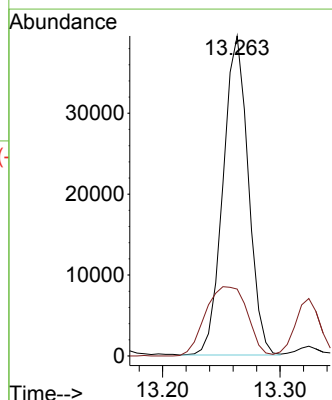
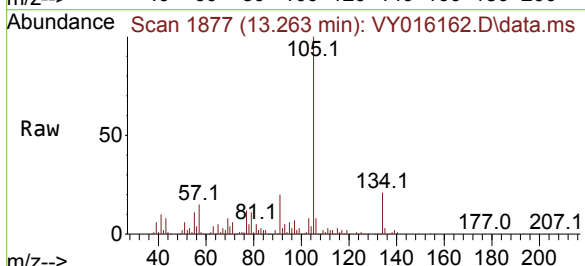
Acq: 01 Nov 2023 12:42

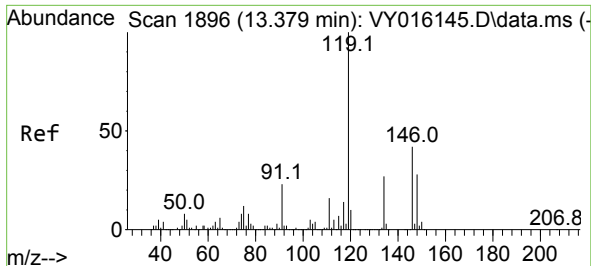
Tgt Ion:105 Resp: 58932

Ion Ratio Lower Upper

105 100

134 36.0 10.2 30.6#

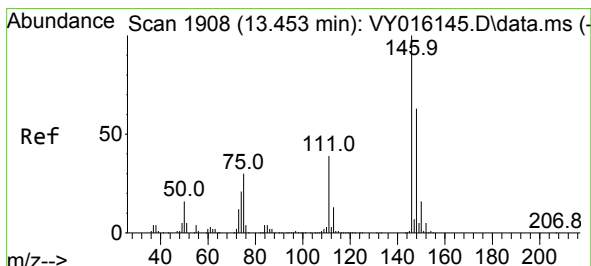
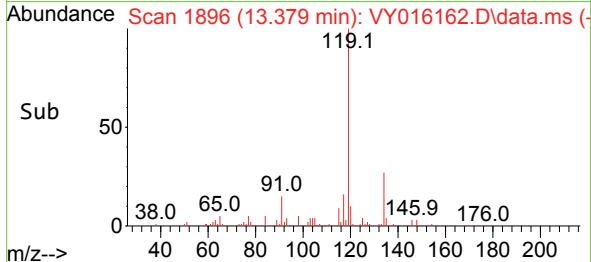
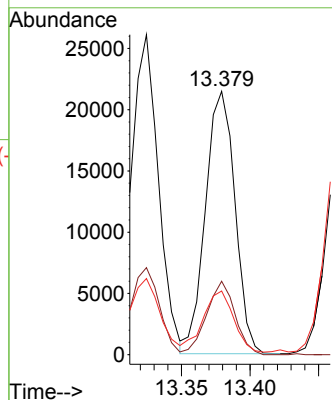
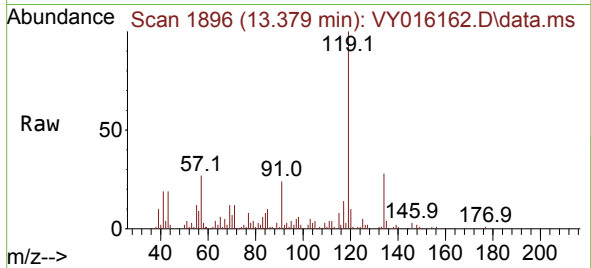




#86
p-Isopropyltoluene
Concen: 6.849 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

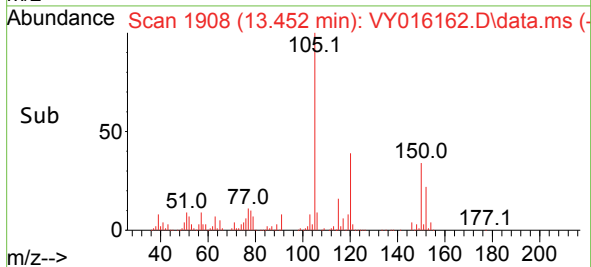
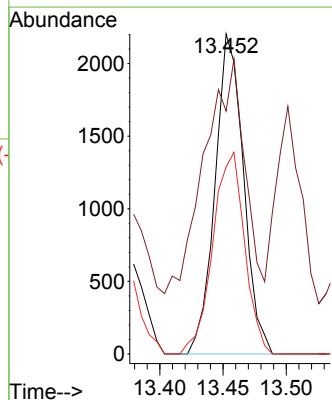
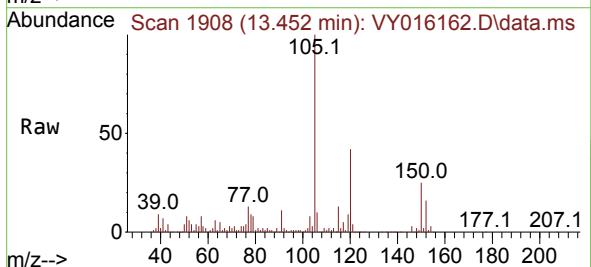
Instrument :
MSVOA_Y
ClientSampleId :

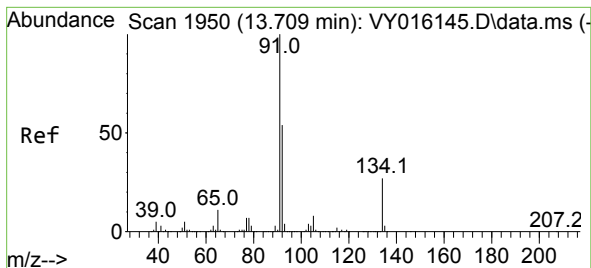
Tgt Ion:119 Resp: 32112
Ion Ratio Lower Upper
119 100
134 27.0 13.3 39.8
91 24.0 12.4 37.4



#88
1,4-Dichlorobenzene
Concen: 1.465 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

Tgt Ion:146 Resp: 3447
Ion Ratio Lower Upper
146 100
111 101.1 18.9 56.7#
148 70.3 32.1 96.5





#89

n-Butylbenzene

Concen: 17.203 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

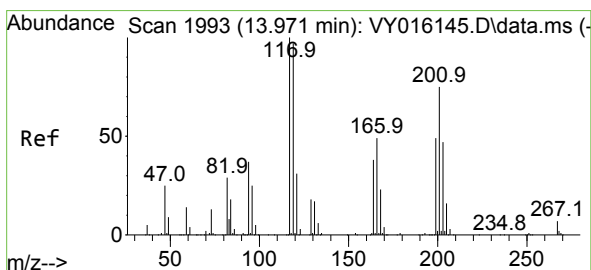
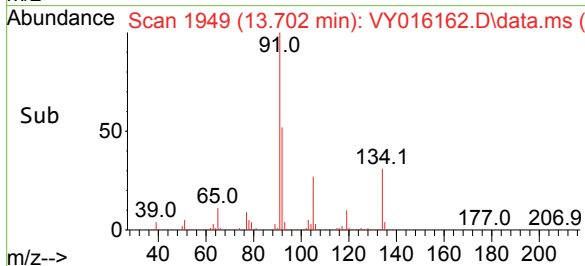
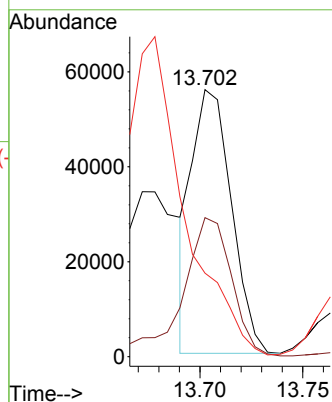
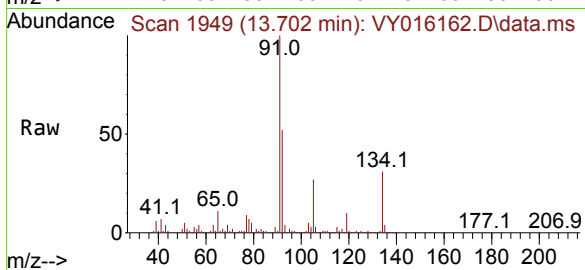
Tgt Ion: 91 Resp: 74109

Ion Ratio Lower Upper

91 100

92 65.7 25.4 76.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 105.122 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016162.D

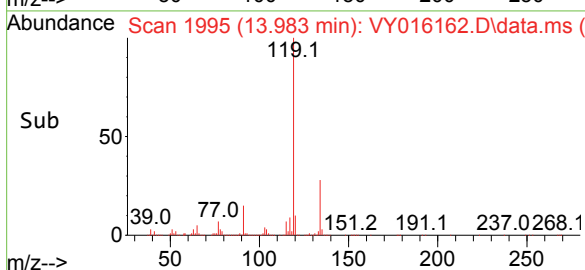
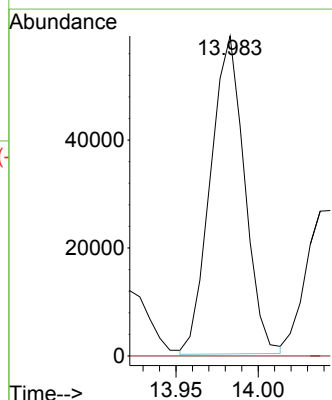
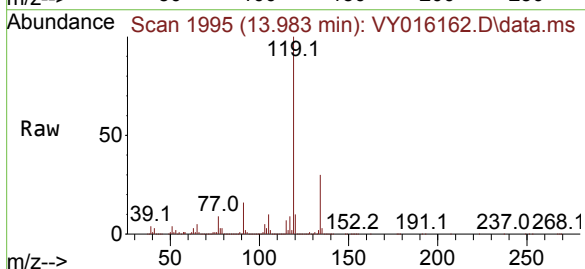
Acq: 01 Nov 2023 12:42

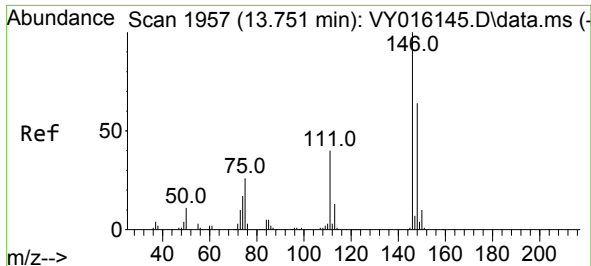
Tgt Ion: 117 Resp: 84935

Ion Ratio Lower Upper

117 100

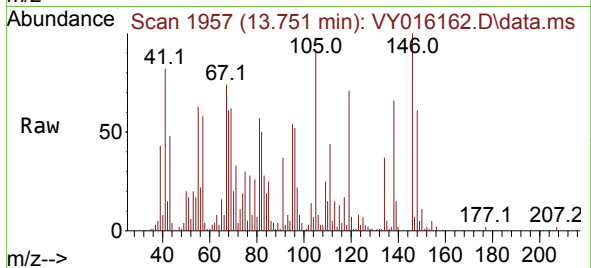
201 0.0 41.6 124.8#



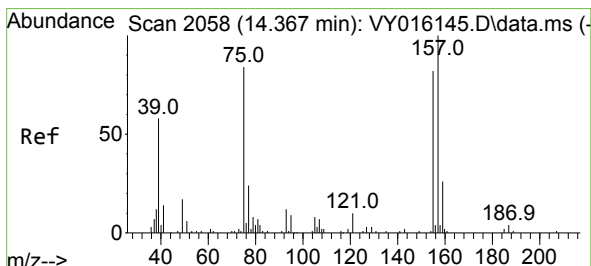
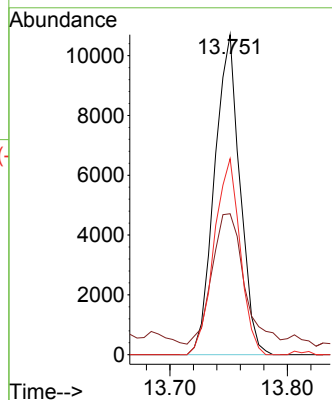
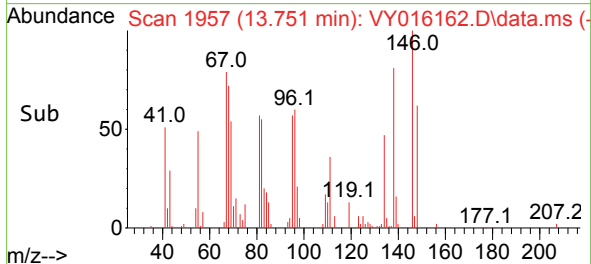


#91
1,2-Dichlorobenzene
Concen: 7.805 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42

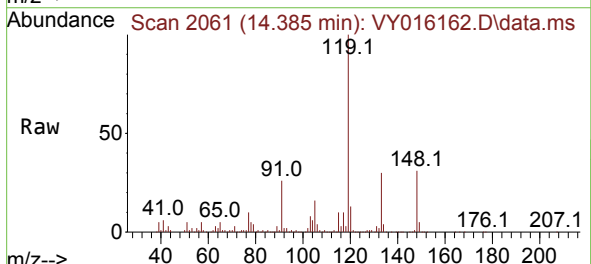
Instrument :
MSVOA_Y
ClientSampleId :



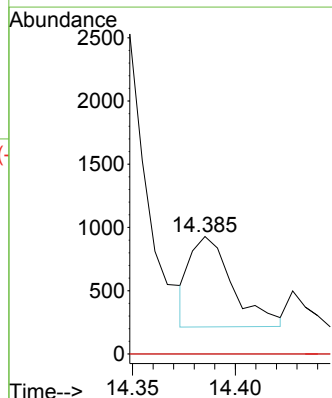
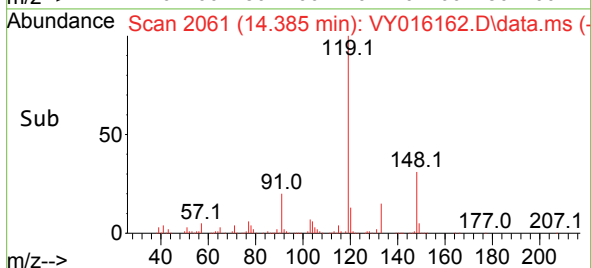
Tgt Ion:146 Resp: 16057
Ion Ratio Lower Upper
146 100
111 51.5 19.7 59.0
148 63.0 32.0 96.2

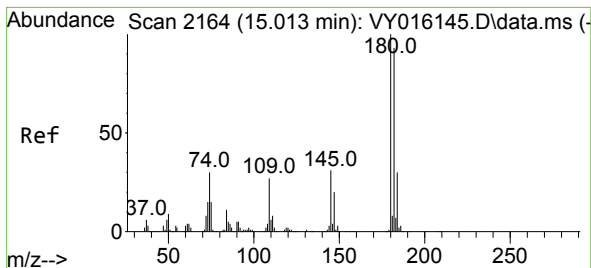


#92
1,2-Dibromo-3-Chloropropane
Concen: 6.736 ug/l
RT: 14.385 min Scan# 2061
Delta R.T. 0.018 min
Lab File: VY016162.D
Acq: 01 Nov 2023 12:42



Tgt Ion: 75 Resp: 1020
Ion Ratio Lower Upper
75 100
155 0.0 41.5 124.6#
157 0.0 51.8 155.5#





#93

1,2,4-Trichlorobenzene

Concen: 1.213 ug/l

RT: 15.019 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY016162.D

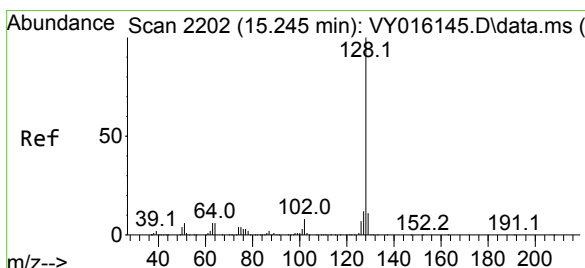
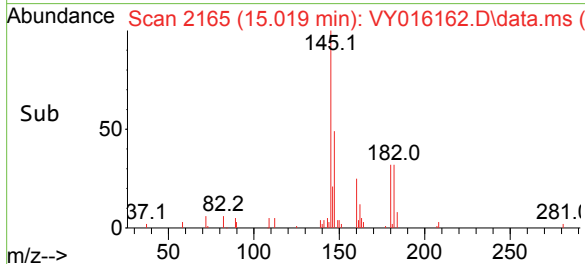
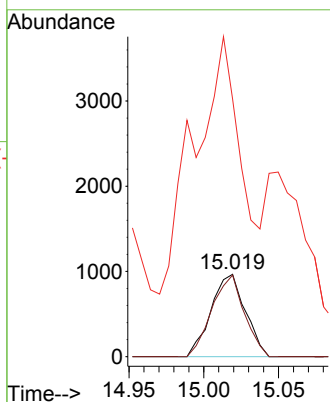
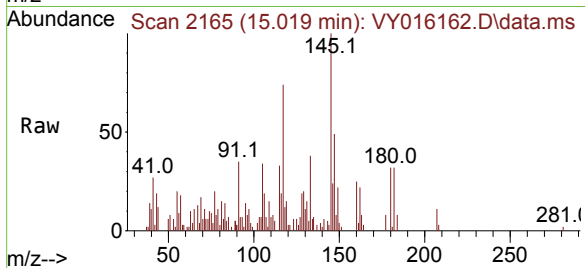
Acq: 01 Nov 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	1540
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.0 141.2
145	569.6	14.5 43.5#



#95

Napthalene

Concen: 91.925 ug/l

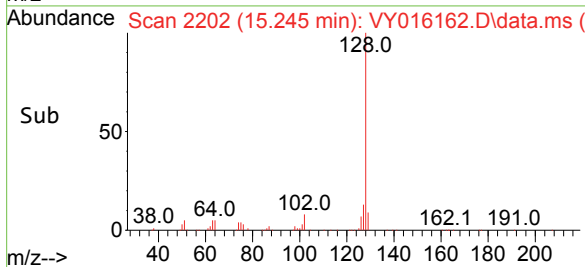
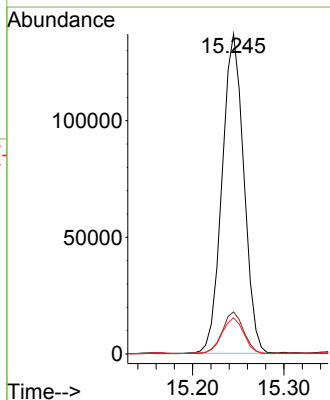
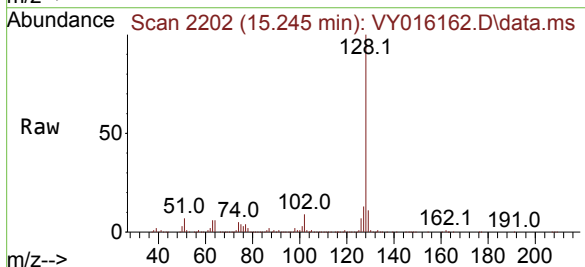
RT: 15.245 min Scan# 2202

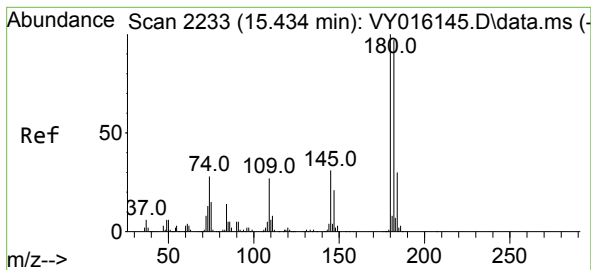
Delta R.T. -0.000 min

Lab File: VY016162.D

Acq: 01 Nov 2023 12:42

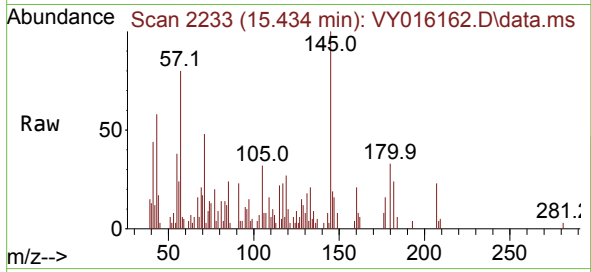
Tgt Ion:128	Resp:	226758
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.8 16.2
129	11.3	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.161 ug/l
 RT: 15.434 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY016162.D
 Acq: 01 Nov 2023 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180	Resp:	1259
Ion	Ratio	Lower Upper
180	100	
182	78.5	47.3 141.8
145	0.0	15.4 46.2#

