

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016237.D
 Acq On : 06 Nov 2023 15:19
 Operator : SY/MD
 Sample : 05253-01
 Misc : 6.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 23:58:08 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	112269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	195055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	182893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85218	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62327	59.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.660%	
35) Dibromofluoromethane	7.722	113	54016	46.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.900%	
50) Toluene-d8	10.185	98	234319	50.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	12.489	95	82405	52.269	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.540%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.960	59	580	7.389	ug/l #	89
16) Acetone	3.954	43	14688	74.166	ug/l	99
17) Carbon Disulfide	4.210	76	3041	1.371	ug/l #	82
20) Methylene Chloride	4.729	84	11501	8.219	ug/l #	81
25) 2-Butanone	7.003	43	4187	14.446	ug/l #	86
29) Tetrahydrofuran	7.362	42	257	1.415	ug/l #	67
31) Cyclohexane	7.801	56	8946	5.540	ug/l #	72
36) 1,1-Dichloropropene	7.801	75	8278	4.930	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11233	6.752	ug/l #	16
39) Methylcyclohexane	9.191	83	37303	18.611	ug/l	94
40) Benzene	8.173	78	27056	5.612	ug/l	94
44) Trichloroethene	8.947	130	4903	3.476	ug/l	97
48) Methyl methacrylate	9.252	41	1185	1.762	ug/l #	13
51) 4-Methyl-2-Pentanone	10.069	43	1698	2.300	ug/l	89
52) Toluene	10.252	92	55092	17.636	ug/l	95
55) 1,1,2-Trichloroethane	10.624	97	15719	16.987	ug/l #	18
56) Ethyl methacrylate	10.532	69	3032	2.523	ug/l #	4
59) 2-Hexanone	10.807	43	6021	11.903	ug/l #	32
60) Dibromochloromethane	10.727	129	7371	6.349	ug/l #	11
64) Tetrachloroethene	10.727	164	9105	5.597	ug/l	94
67) Ethyl Benzene	11.599	91	89755	13.810	ug/l	99
68) m/p-Xylenes	11.703	106	99997	39.817	ug/l	97
69) o-Xylene	12.038	106	80678	33.646	ug/l	99
70) Styrene	12.044	104	11979	3.005	ug/l #	1
73) Isopropylbenzene	12.337	105	42681	6.677	ug/l	98
74) N-amyl acetate	12.130	43	7308	5.261	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.563	83	1798	1.768	ug/l #	27
76) 1,2,3-Trichloropropane	12.739	75	3533	4.402	ug/l #	100
77) Bromobenzene	12.422	156	199045	137.514	ug/l #	1
78) n-propylbenzene	12.678	91	108497	14.356	ug/l	99
79) 2-Chlorotoluene	12.739	91	50729	12.035	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.819	105	254783	49.196	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.434	75	3131	8.459	ug/l #	24
82) 4-Chlorotoluene	12.819	91	26533	6.130	ug/l #	42
83) tert-Butylbenzene	13.129	119	91076	19.654	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.123	105	721034	140.702	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

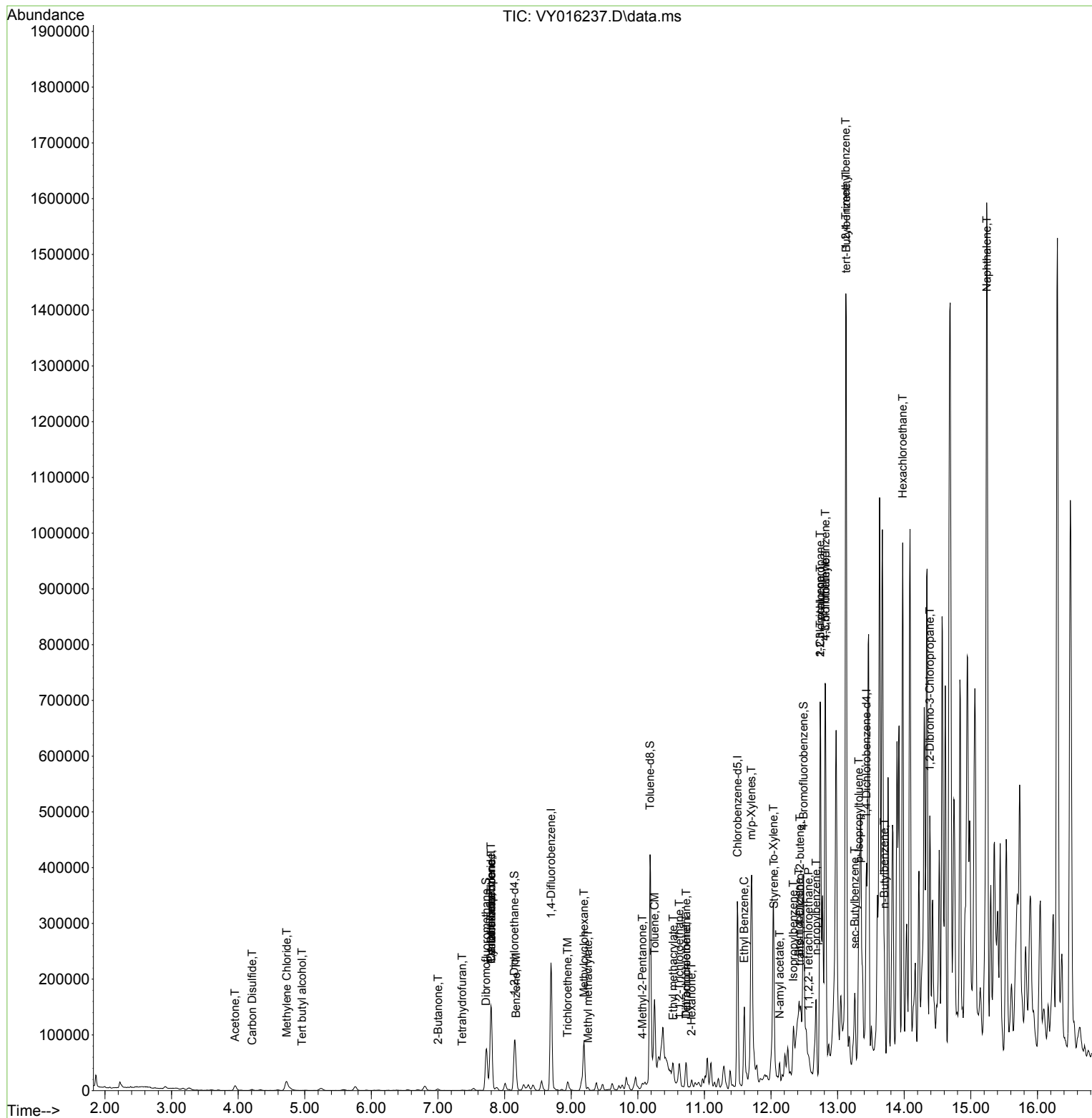
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.258	105	81737	12.018	ug/l	88
86) p-Isopropyltoluene	13.318	119	119044	21.119	ug/l	96
89) n-Butylbenzene	13.703	91	79985	15.443	ug/l #	70
90) Hexachloroethane	13.977	117	44129	45.429	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.385	75	1287	7.070	ug/l #	10
95) Naphthalene	15.239	128	1243451	419.274	ug/l	99

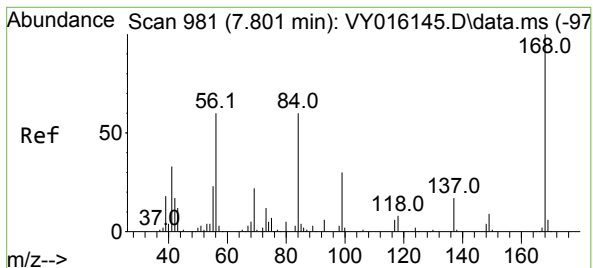
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY016237.D

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Instrument :

MSVOA_Y

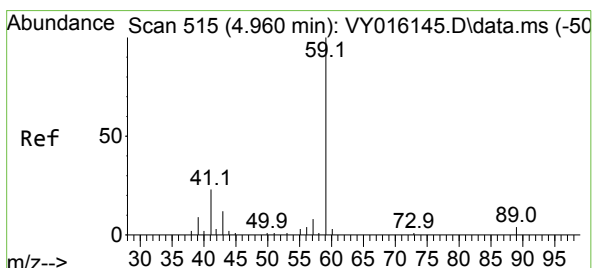
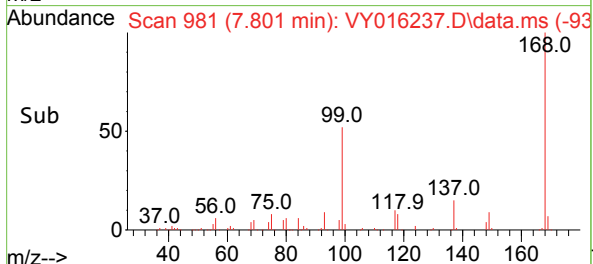
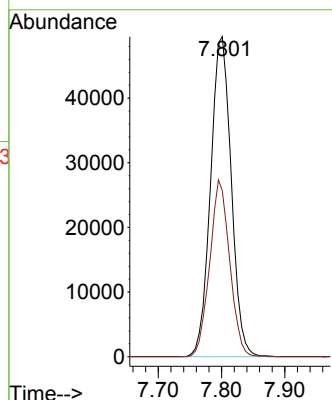
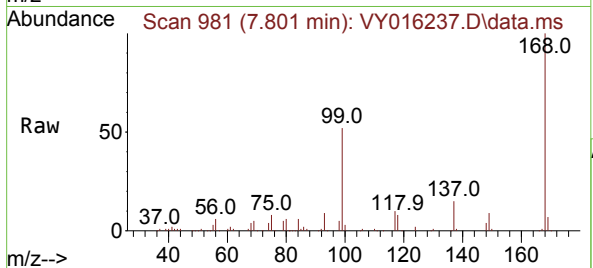
ClientSampleId :

Tgt Ion:168 Resp: 112269

Ion Ratio Lower Upper

168 100

99 51.9 43.4 65.0



#11

Tert butyl alcohol

Concen: 7.389 ug/l

RT: 4.960 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY016237.D

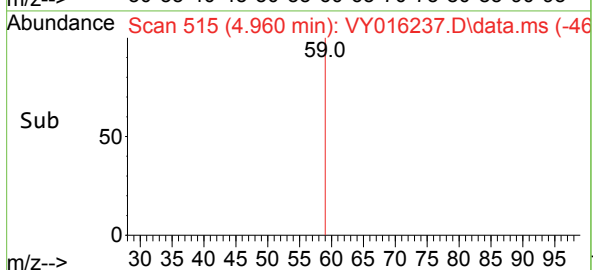
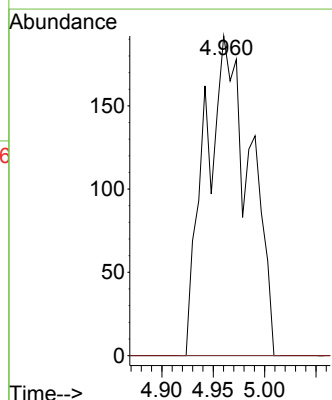
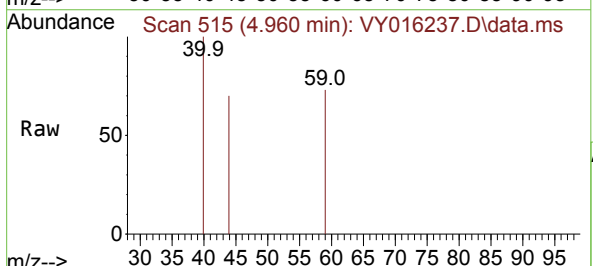
Acq: 06 Nov 2023 15:19

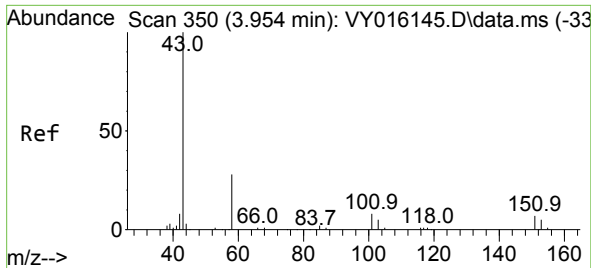
Tgt Ion: 59 Resp: 580

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#

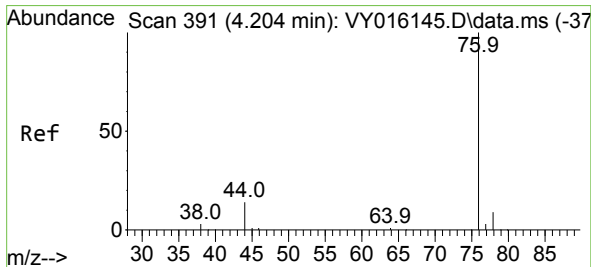
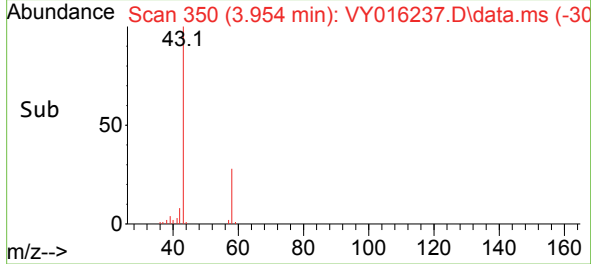
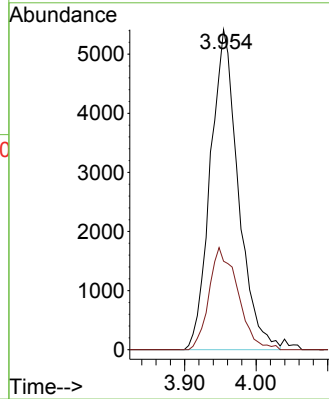
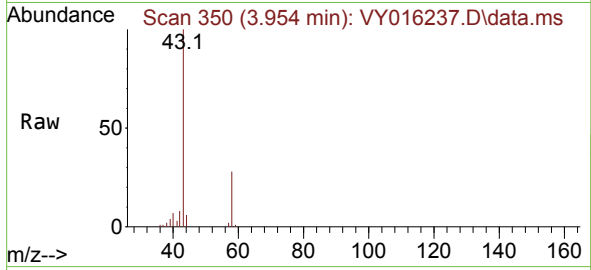




#16
Acetone
Concen: 74.166 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

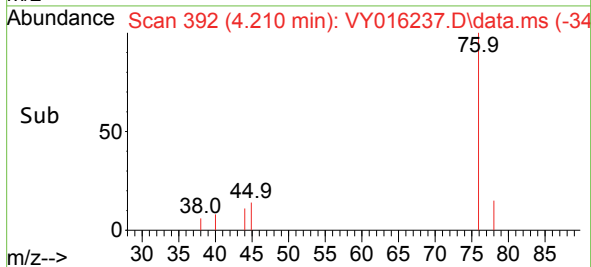
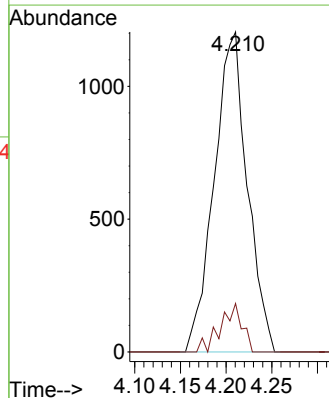
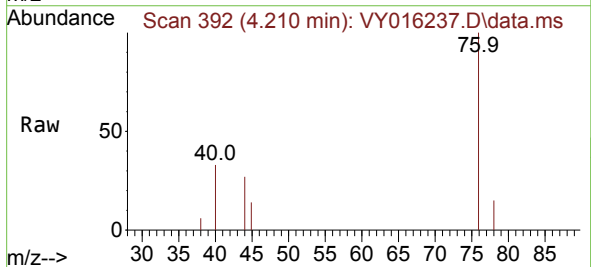
Instrument :
MSVOA_Y
ClientSampleId :

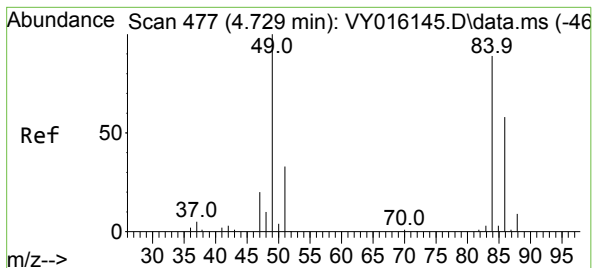
Tgt Ion: 43 Resp: 14688
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1



#17
Carbon Disulfide
Concen: 1.371 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Tgt Ion: 76 Resp: 3041
Ion Ratio Lower Upper
76 100
78 15.2 7.0 10.4#





#20

Methylene Chloride

Concen: 8.219 ug/l

RT: 4.729 min Scan# 41

Delta R.T. -0.000 min

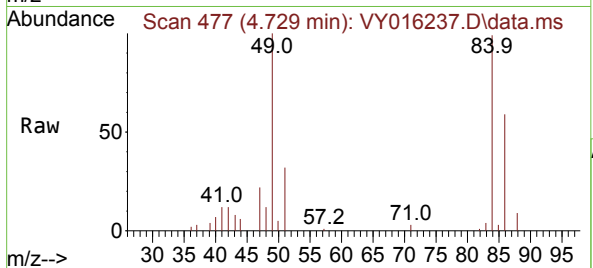
Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 11501

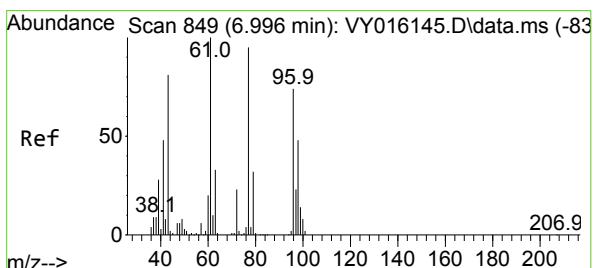
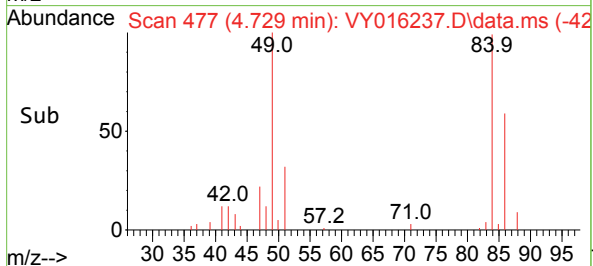
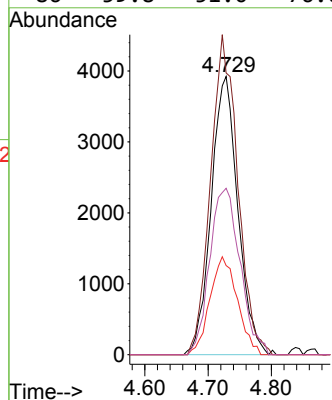
Ion Ratio Lower Upper

84 100

49 101.3 106.9 160.3#

51 32.0 33.2 49.8#

86 59.8 51.0 76.6



#25

2-Butanone

Concen: 14.446 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016237.D

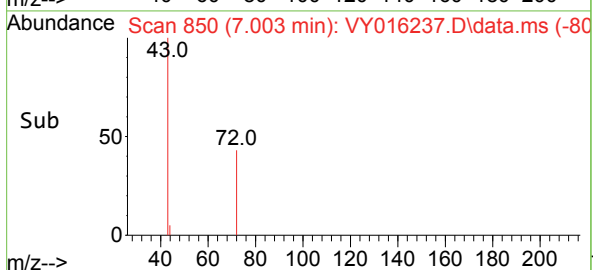
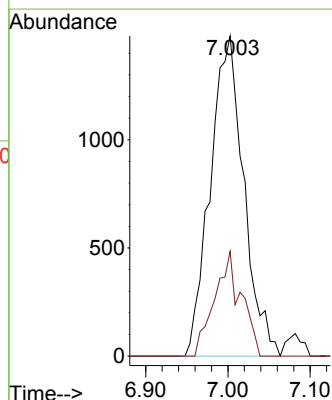
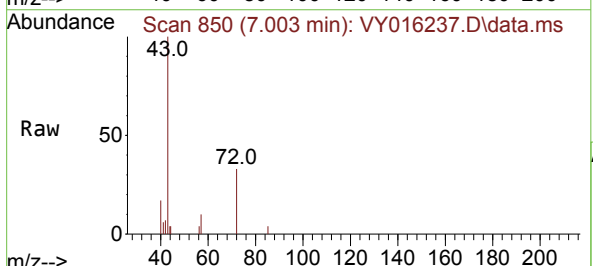
Acq: 06 Nov 2023 15:19

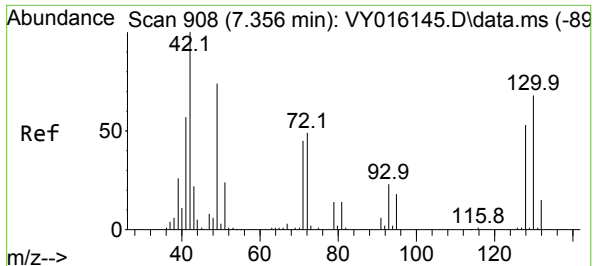
Tgt Ion: 43 Resp: 4187

Ion Ratio Lower Upper

43 100

72 32.7 20.5 30.7#





#29

Tetrahydrofuran

Concen: 1.415 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016237.D

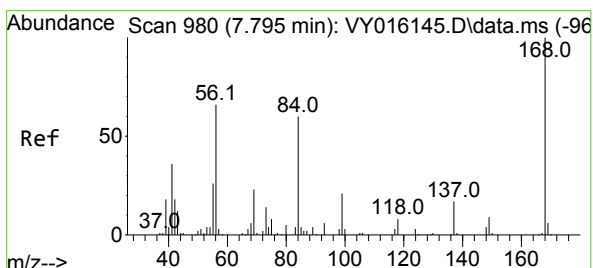
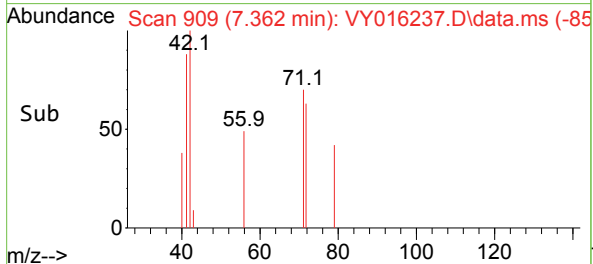
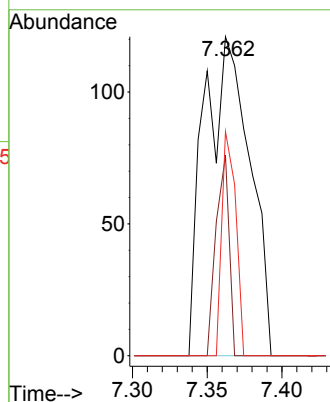
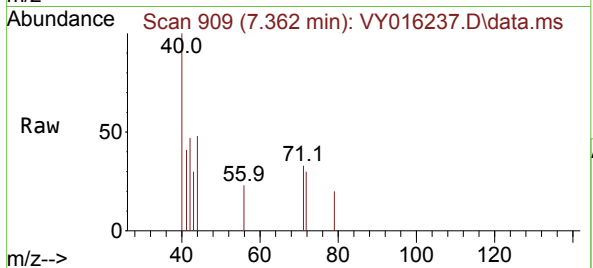
Acq: 06 Nov 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 257
Ion Ratio	Lower Upper
42	100
72	17.9 32.8 49.2#
71	21.4 31.0 46.4#



#31

Cyclohexane

Concen: 5.540 ug/l

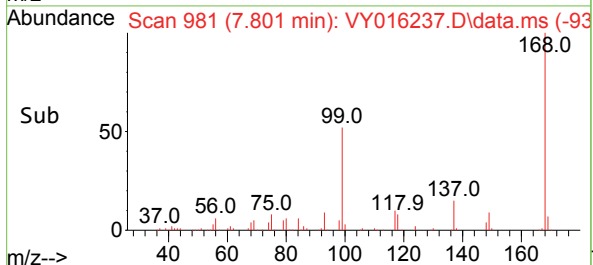
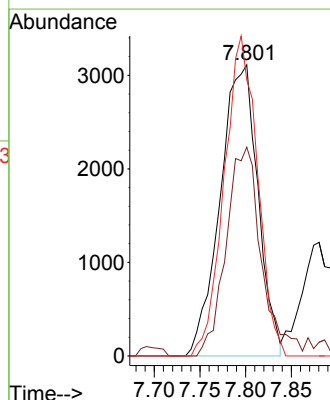
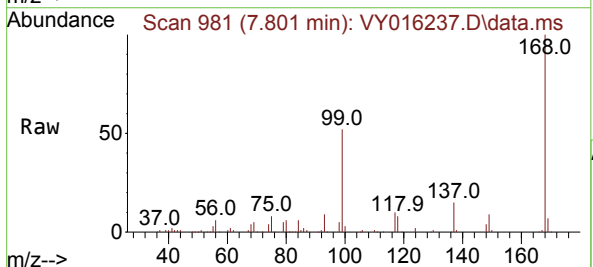
RT: 7.801 min Scan# 981

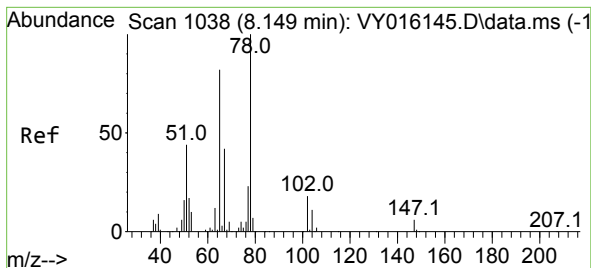
Delta R.T. 0.006 min

Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

Tgt Ion: 56	Resp: 8946
Ion Ratio	Lower Upper
56	100
69	71.7 27.8 41.6#
84	94.8 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 59.329 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

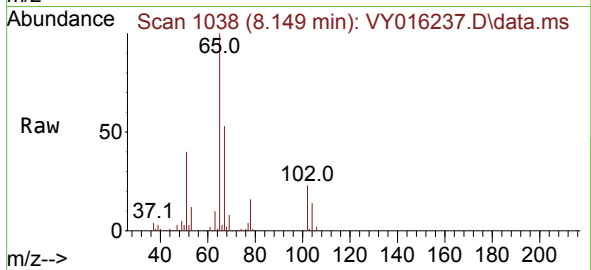
Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

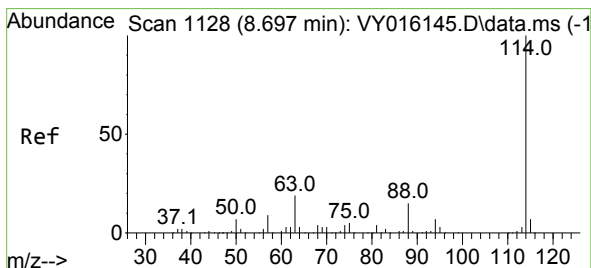
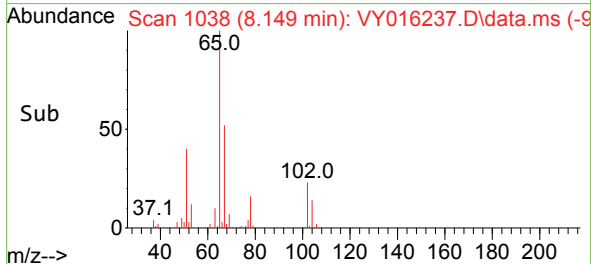
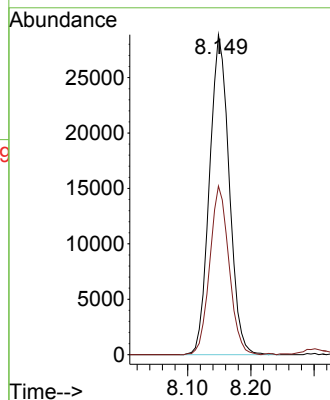


Tgt Ion: 65 Resp: 62327

Ion Ratio Lower Upper

65 100

67 51.5 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: VY016237.D

Acq: 06 Nov 2023 15:19

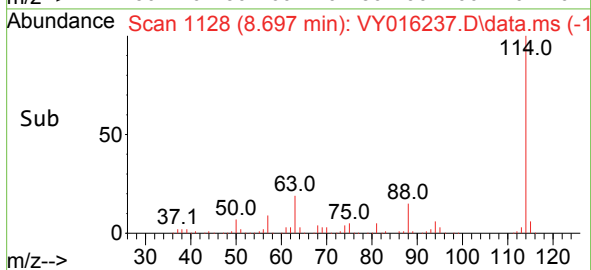
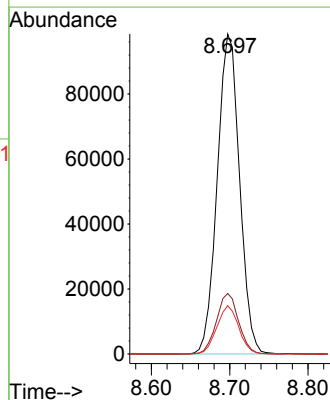
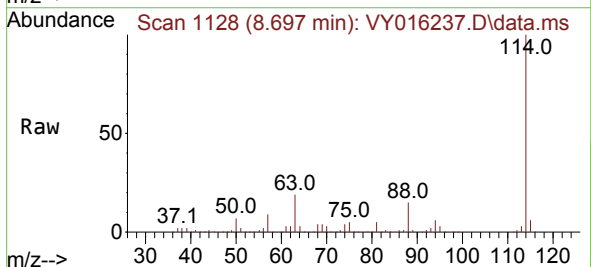
Tgt Ion: 114 Resp: 195055

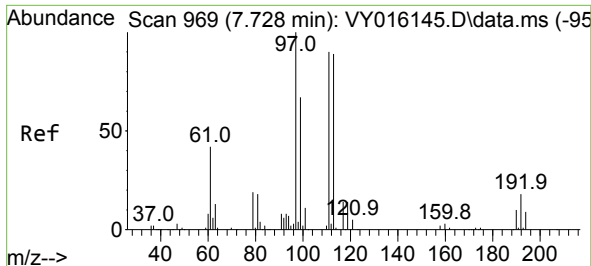
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.1 0.0 30.6

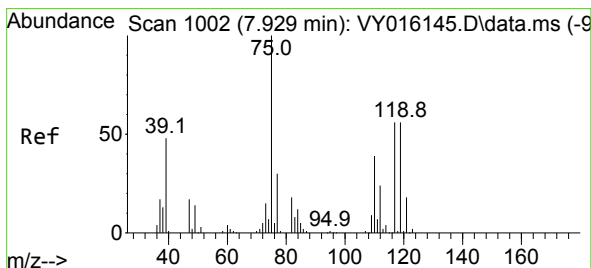
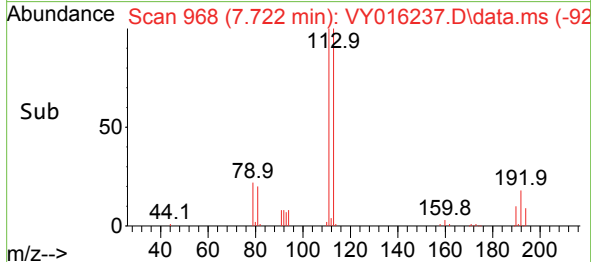
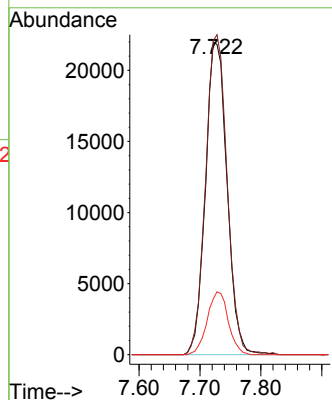
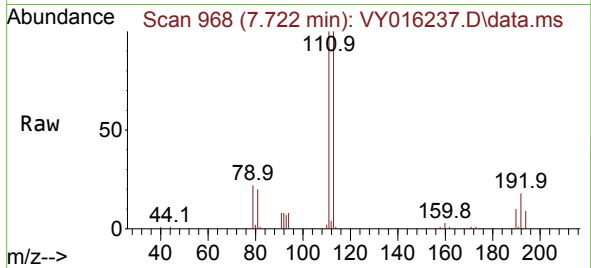




#35
Dibromofluoromethane
Concen: 46.451 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

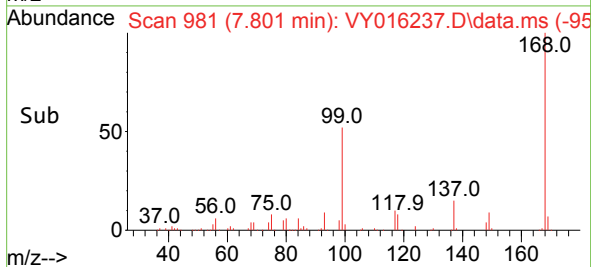
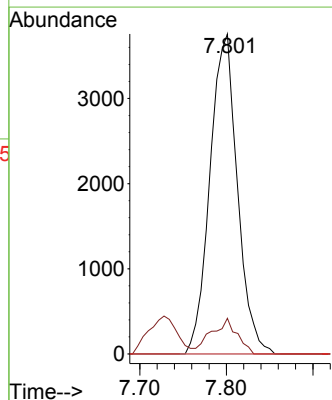
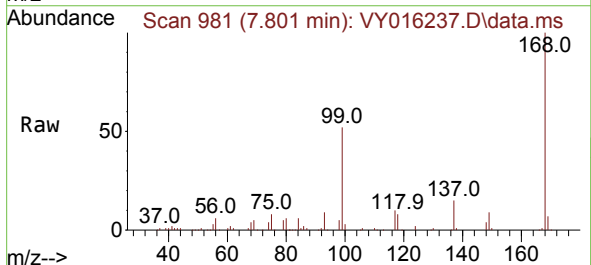
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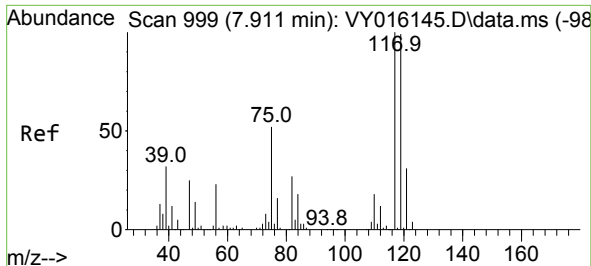
Tgt Ion:113 Resp: 54016
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.930 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

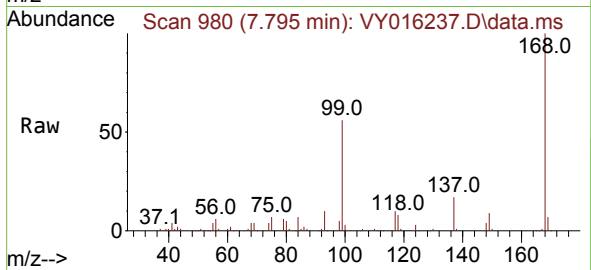
Tgt Ion: 75 Resp: 8278
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#



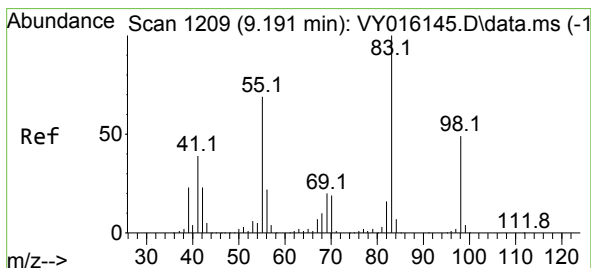
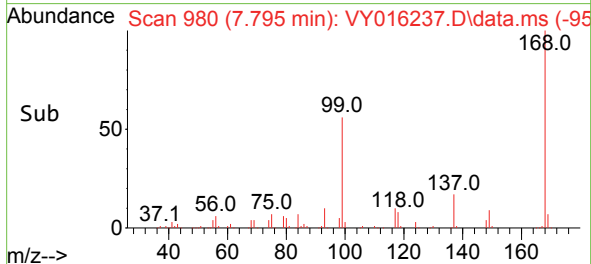
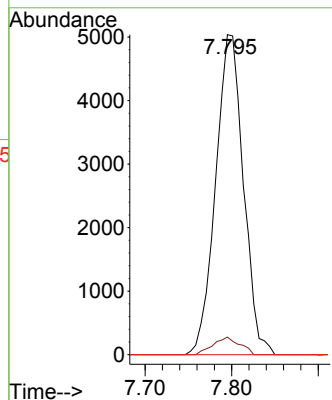


#38
Carbon Tetrachloride
Concen: 6.752 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Instrument :
MSVOA_Y
ClientSampleId :

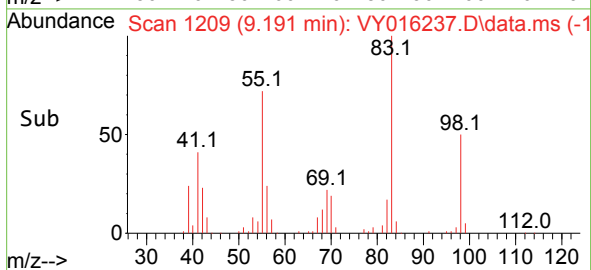
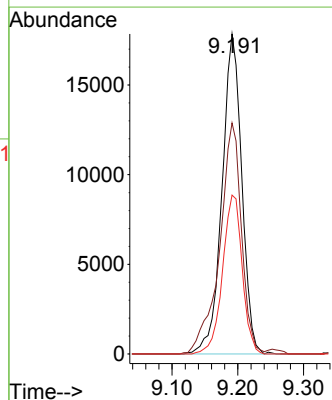
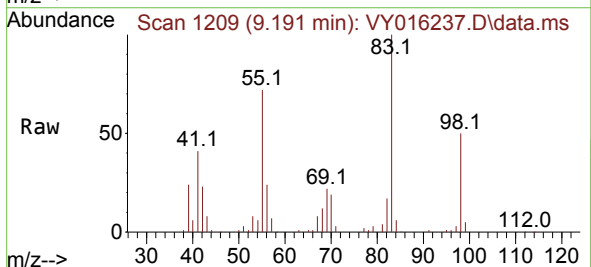


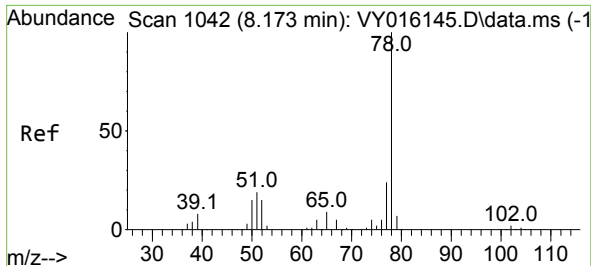
Tgt Ion:117 Resp: 11233
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 18.611 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Tgt Ion: 83 Resp: 37303
Ion Ratio Lower Upper
83 100
55 72.2 63.0 94.4
98 49.6 37.4 56.2

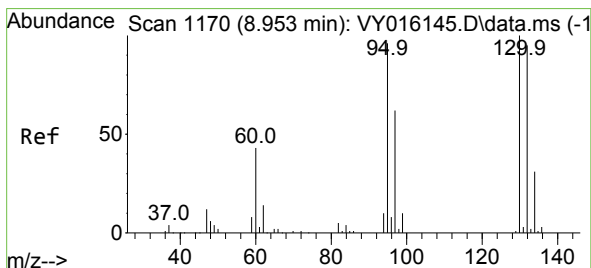
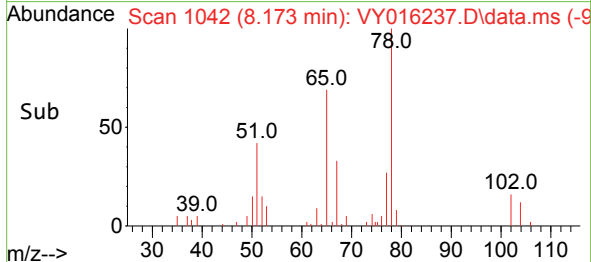
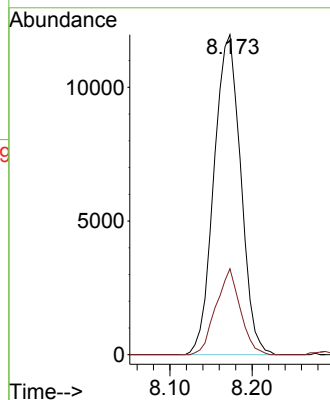
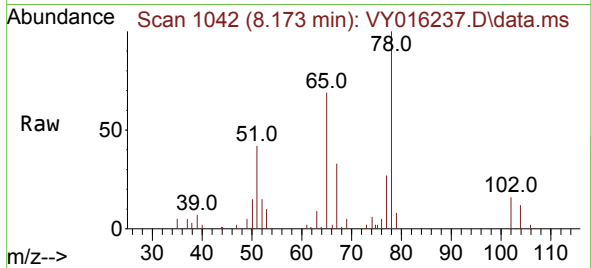




#40
Benzene
Concen: 5.612 ug/l
RT: 8.173 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

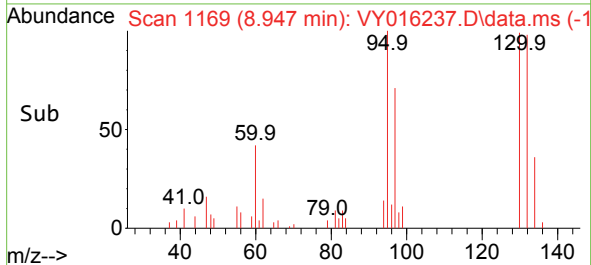
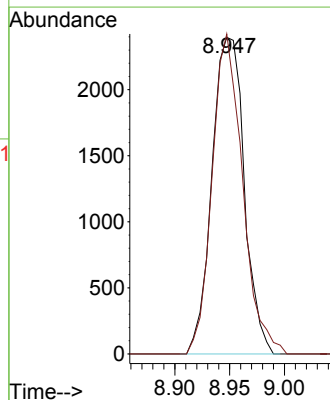
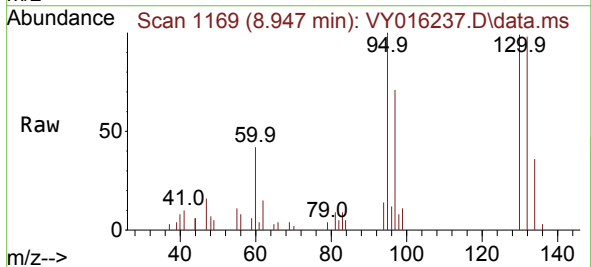
Instrument :
MSVOA_Y
ClientSampleId :

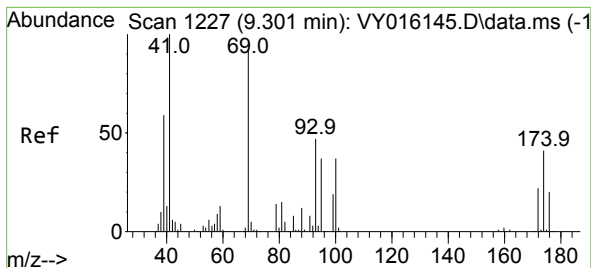
Tgt Ion: 78 Resp: 27056
Ion Ratio Lower Upper
78 100
77 26.9 19.0 28.6



#44
Trichloroethene
Concen: 3.476 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Tgt Ion:130 Resp: 4903
Ion Ratio Lower Upper
130 100
95 101.1 0.0 196.0





#48

Methyl methacrylate

Concen: 1.762 ug/l

RT: 9.252 min Scan# 1185

Delta R.T. -0.049 min

Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

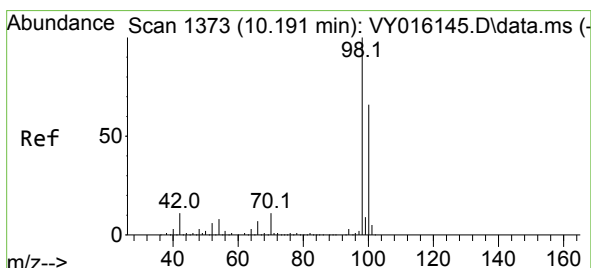
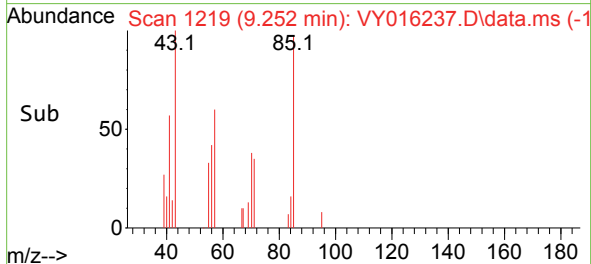
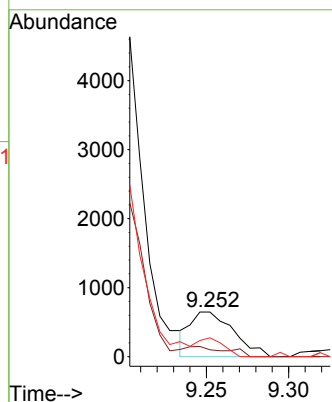
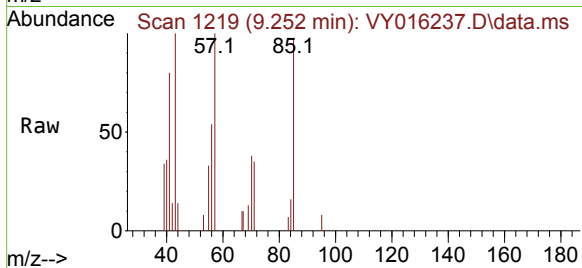
Tgt Ion: 41 Resp: 1185

Ion Ratio Lower Upper

41 100

69 0.0 64.5 96.7#

39 0.0 50.8 76.2#



#50

Toluene-d8

Concen: 50.823 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016237.D

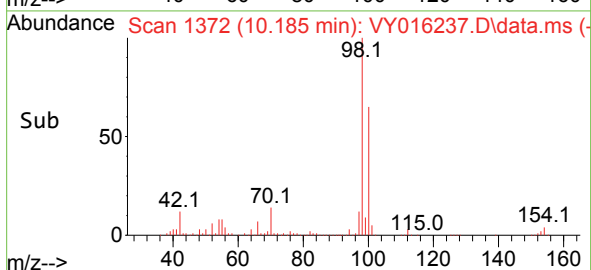
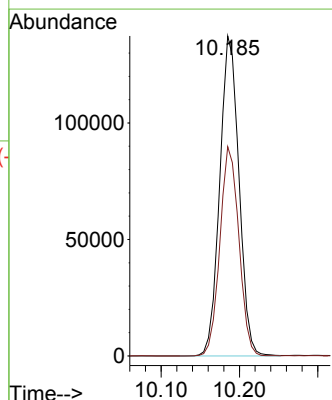
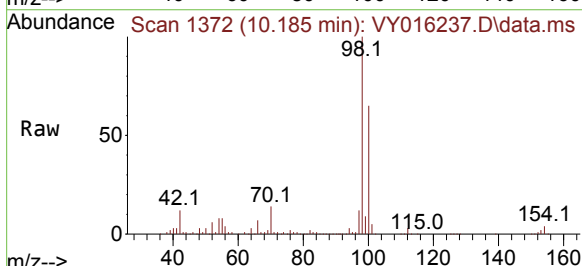
Acq: 06 Nov 2023 15:19

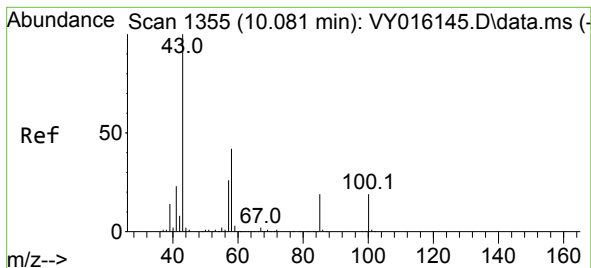
Tgt Ion: 98 Resp: 234319

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1

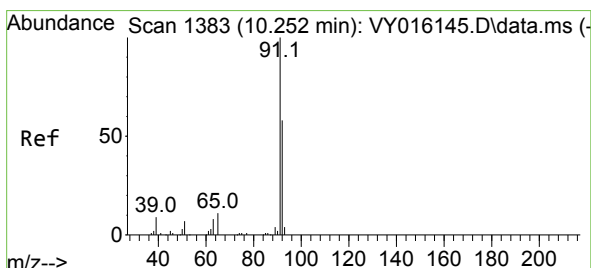
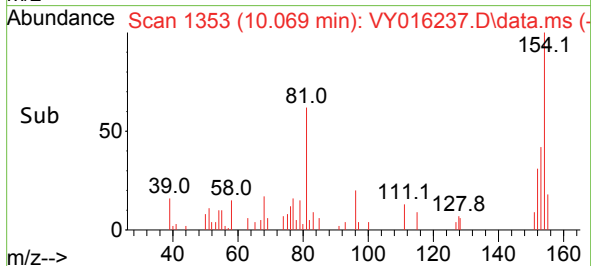
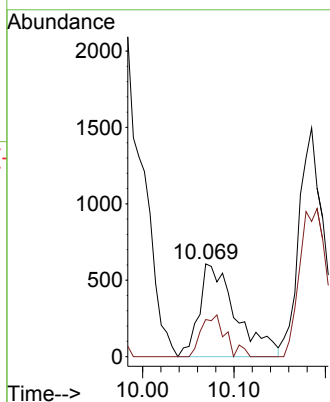
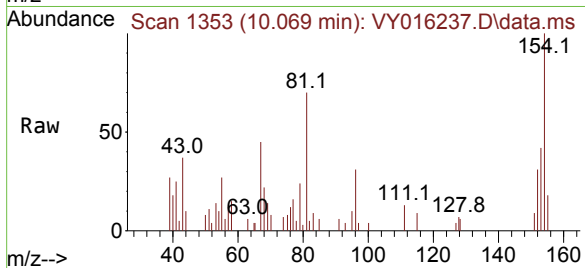




#51
4-Methyl-2-Pentanone
Concen: 2.300 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.012 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

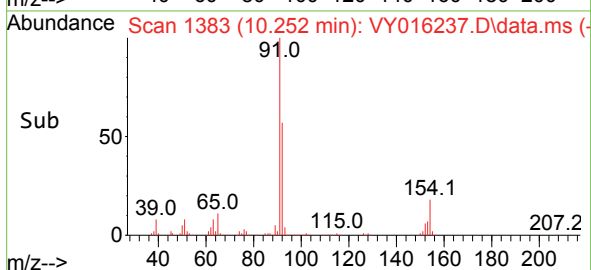
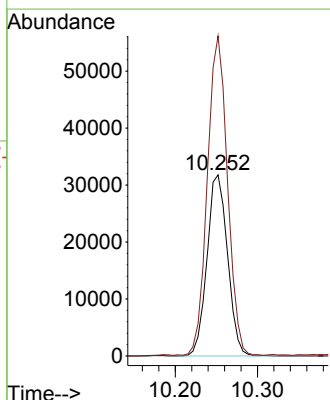
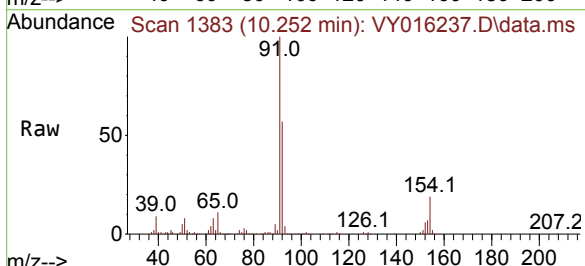
Instrument :
MSVOA_Y
ClientSampleId :

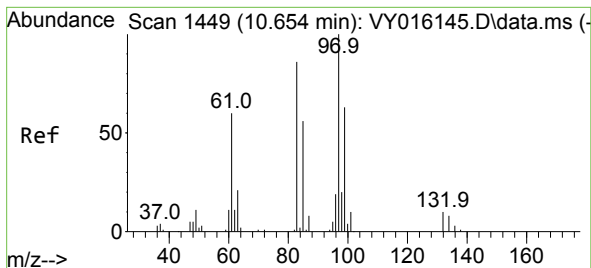
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
58 29.9 29.0 43.6



#52
Toluene
Concen: 17.636 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Tgt Ion: 92 Resp: 55092
Ion Ratio Lower Upper
92 100
91 172.8 143.8 215.6





#55

1,1,2-Trichloroethane

Concen: 16.987 ug/l

RT: 10.624 min Scan# 1444

Delta R.T. -0.030 min

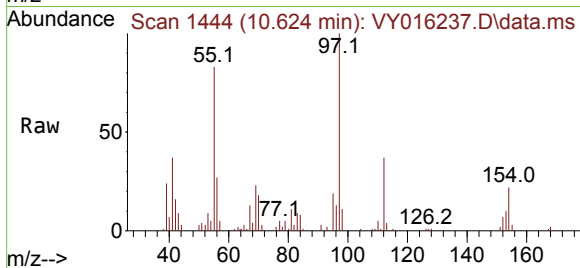
Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 15719

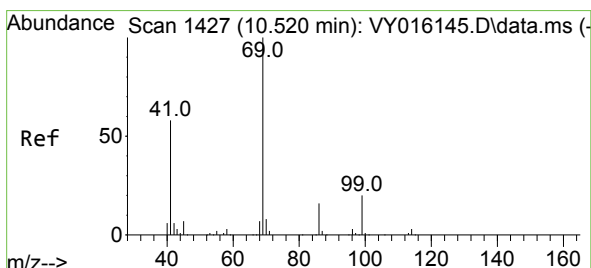
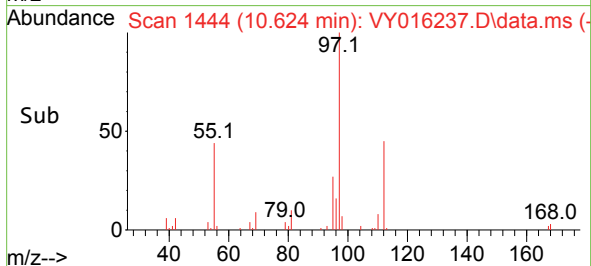
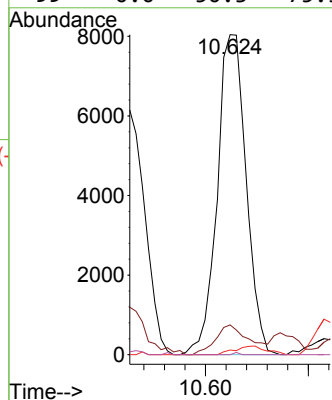
Ion Ratio Lower Upper

97 100

83 8.0 72.0 108.0#

85 1.4 45.4 68.0#

99 0.0 50.3 75.5#



#56

Ethyl methacrylate

Concen: 2.523 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

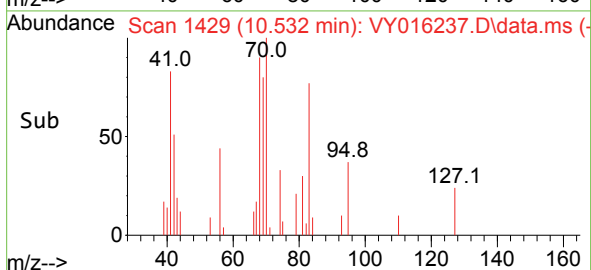
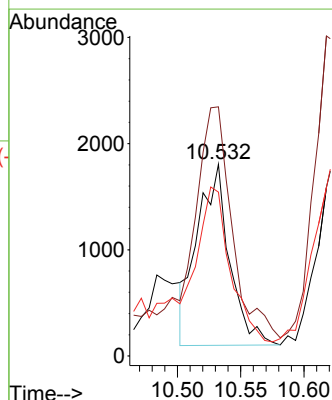
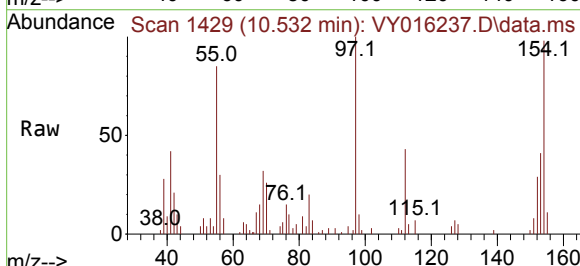
Tgt Ion: 69 Resp: 3032

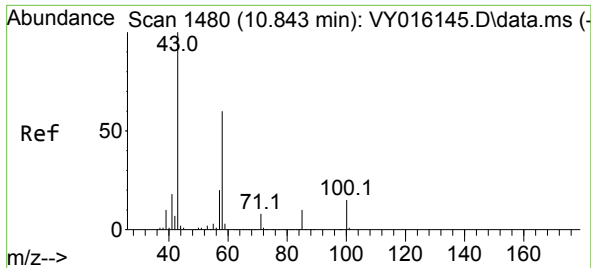
Ion Ratio Lower Upper

69 100

41 149.9 57.6 86.4#

39 105.8 34.1 51.1#

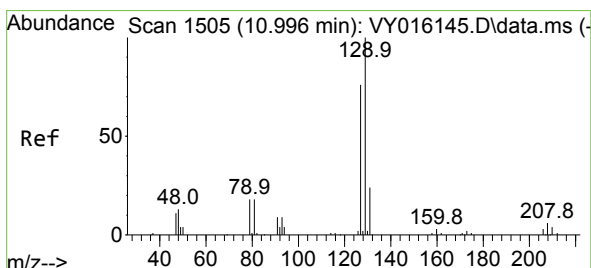
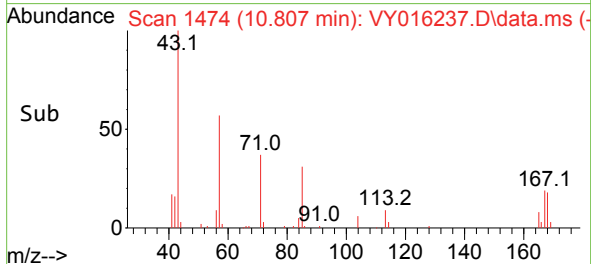
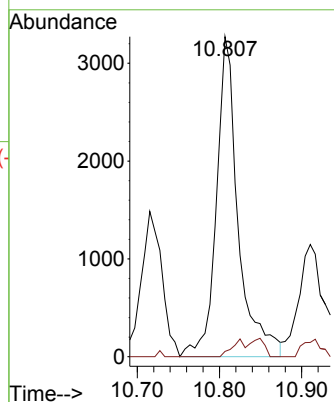
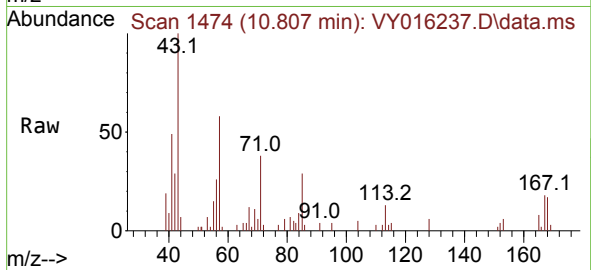




#59
2-Hexanone
Concen: 11.903 ug/l
RT: 10.807 min Scan# 1461
Delta R.T. -0.037 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

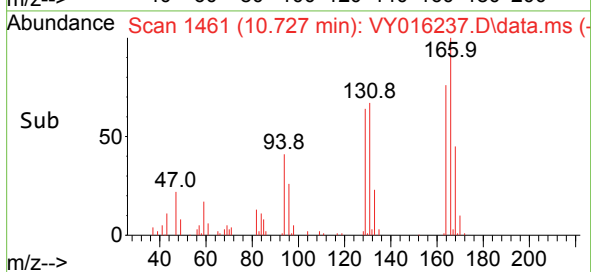
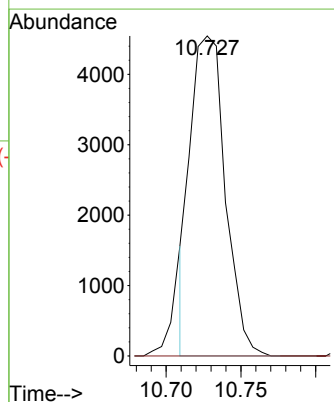
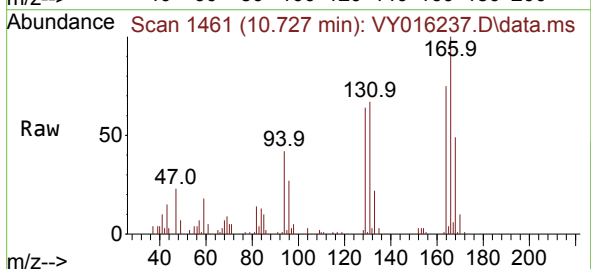
Instrument :
MSVOA_Y
ClientSampleId :

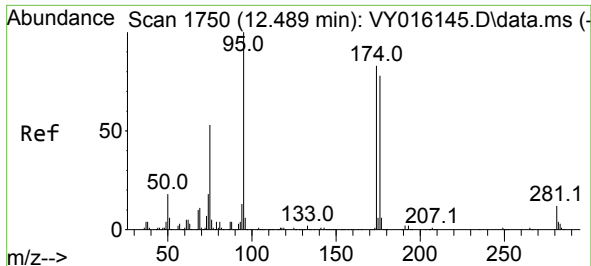
Tgt Ion: 43 Resp: 6021
Ion Ratio Lower Upper
43 100
58 3.2 25.1 75.3#



#60
Dibromochloromethane
Concen: 6.349 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.268 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Tgt Ion: 129 Resp: 7371
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

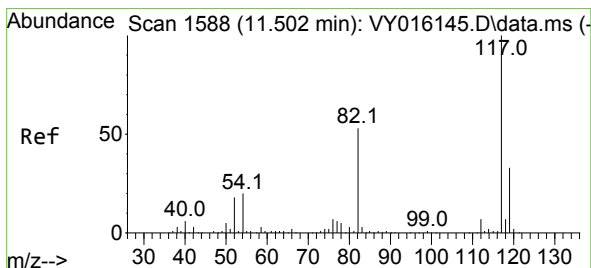
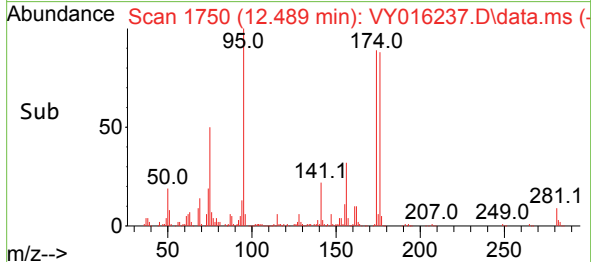
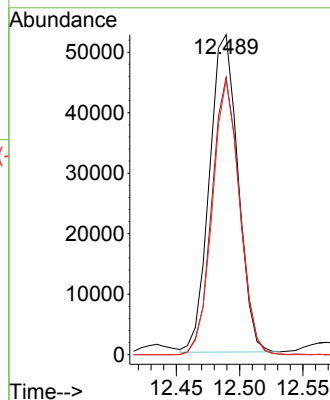
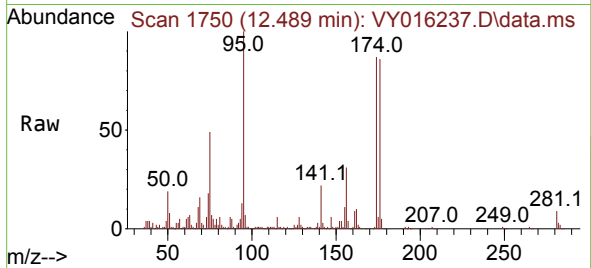




#62
4-Bromofluorobenzene
Concen: 52.269 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

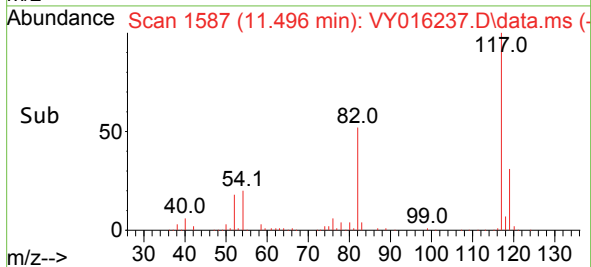
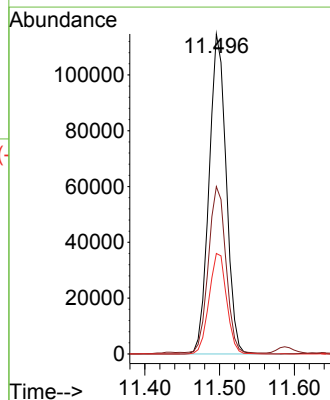
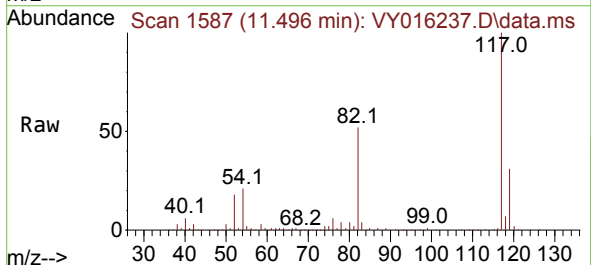
Instrument :
MSVOA_Y
ClientSampleId :

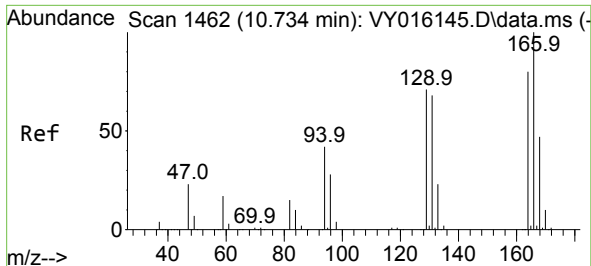
Tgt Ion: 95 Resp: 82405
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 82.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

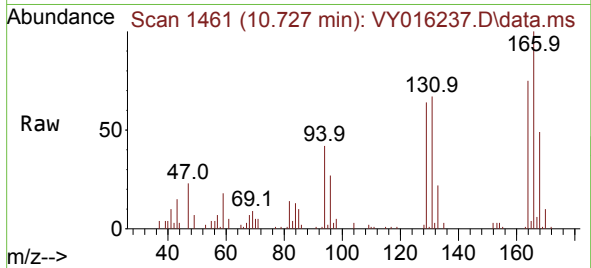
Tgt Ion: 117 Resp: 182893
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 31.4 26.3 39.5



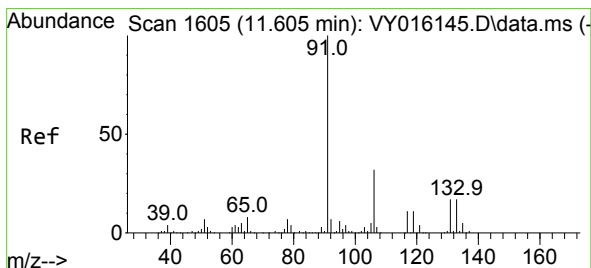
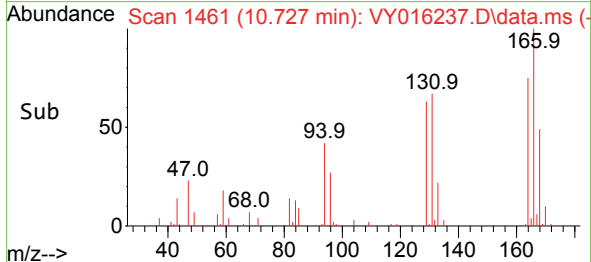
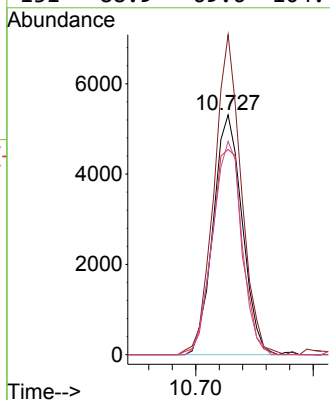


#64
Tetrachloroethene
Concen: 5.597 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Instrument :
MSVOA_Y
ClientSampleId :

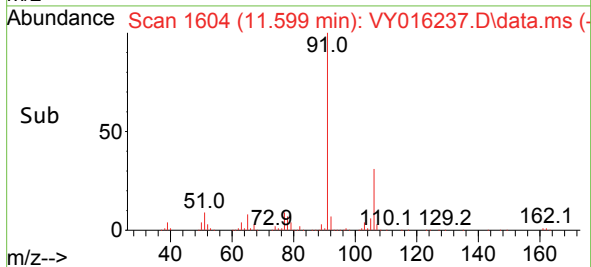
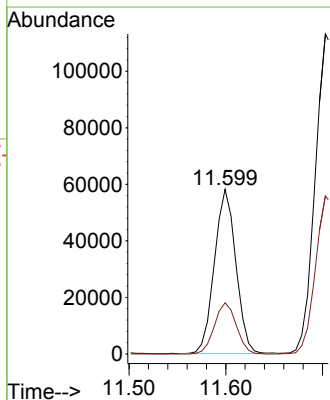
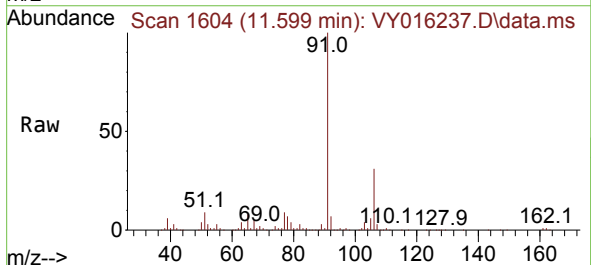


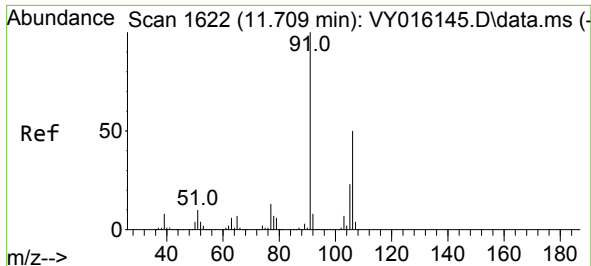
Tgt Ion:164 Resp: 9105
Ion Ratio Lower Upper
164 100
166 133.4 103.0 154.6
129 85.6 77.2 115.8
131 88.9 69.6 104.4



#67
Ethyl Benzene
Concen: 13.810 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Tgt Ion: 91 Resp: 89755
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

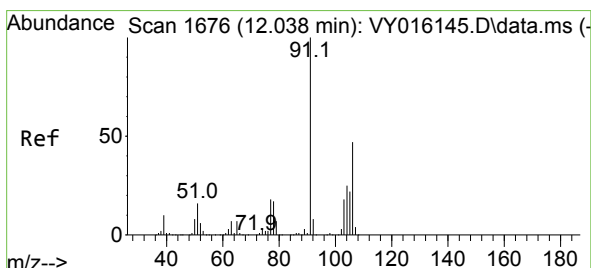
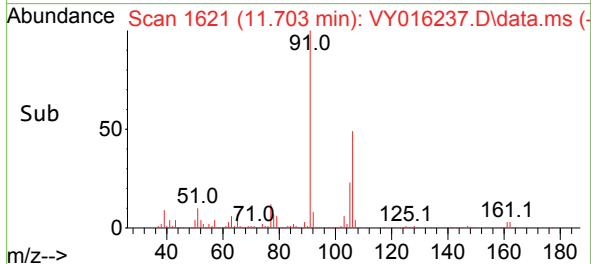
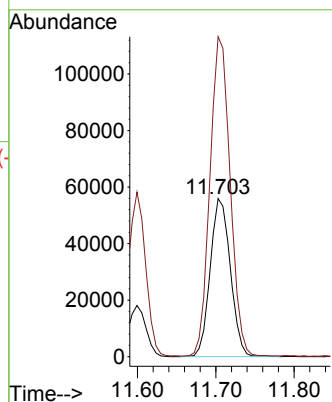
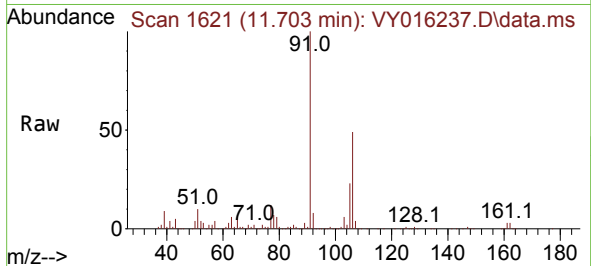




#68
m/p-Xylenes
Concen: 39.817 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

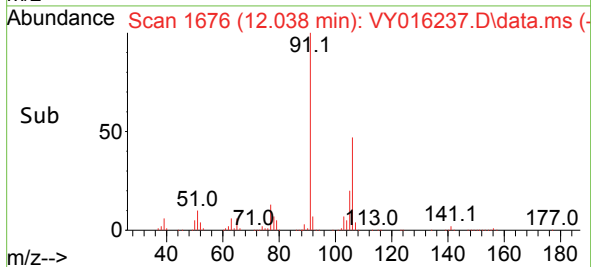
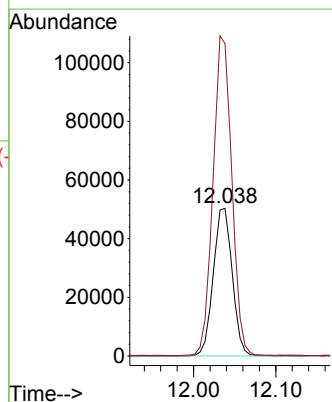
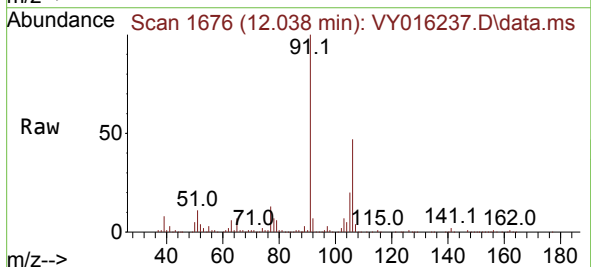
Instrument :
MSVOA_Y
ClientSampleId :

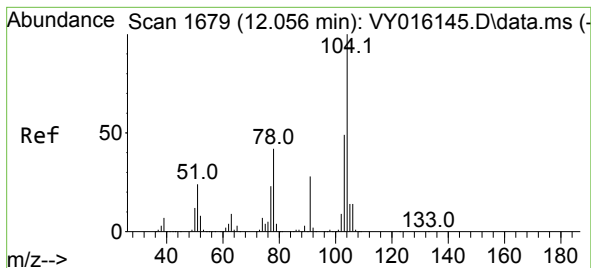
Tgt Ion:106 Resp: 99997
Ion Ratio Lower Upper
106 100
91 202.3 166.1 249.1



#69
o-Xylene
Concen: 33.646 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Tgt Ion:106 Resp: 80678
Ion Ratio Lower Upper
106 100
91 214.8 108.1 324.3





#70

Styrene

Concen: 3.005 ug/l

RT: 12.044 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

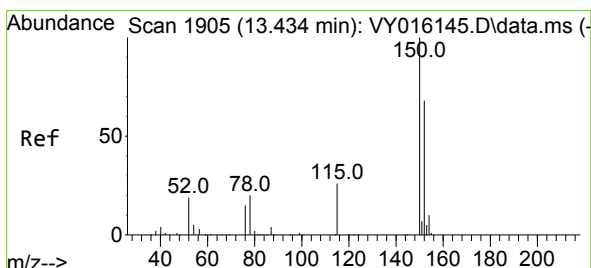
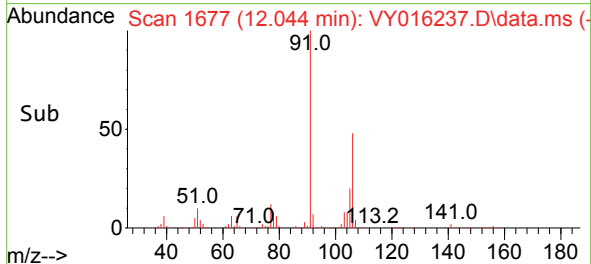
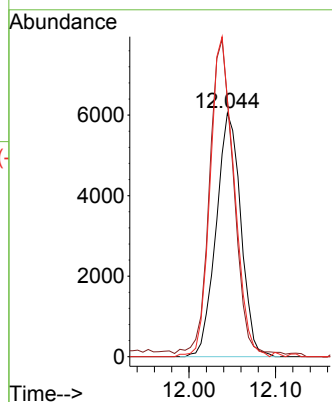
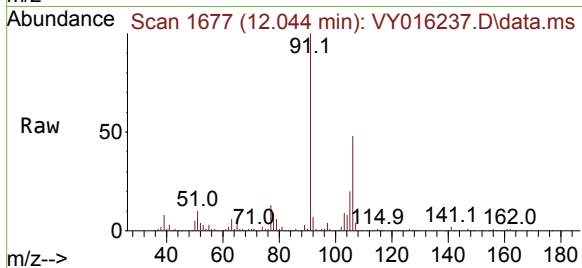
Tgt Ion:104 Resp: 11979

Ion Ratio Lower Upper

104 100

78 124.2 41.5 62.3#

103 126.2 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: VY016237.D

Acq: 06 Nov 2023 15:19

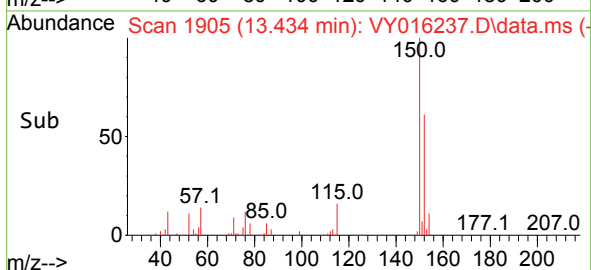
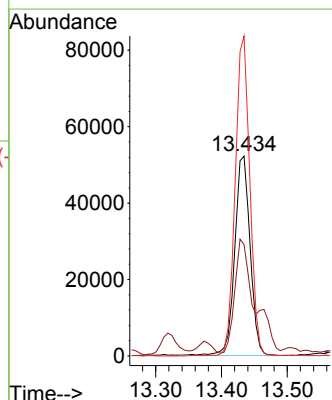
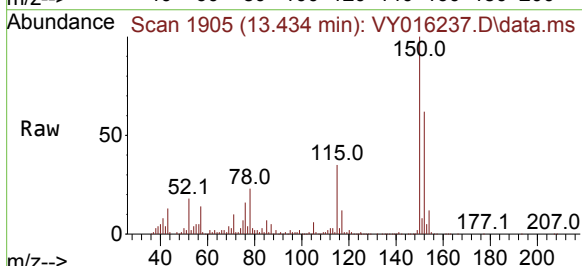
Tgt Ion:152 Resp: 85218

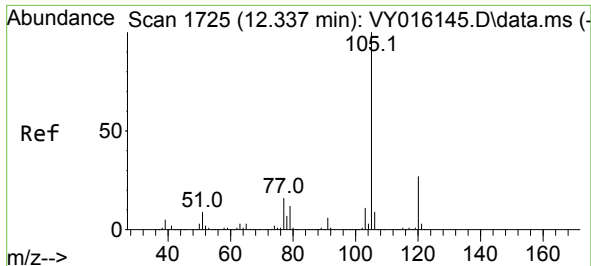
Ion Ratio Lower Upper

152 100

115 73.7 28.8 86.5

150 151.3 0.0 348.8

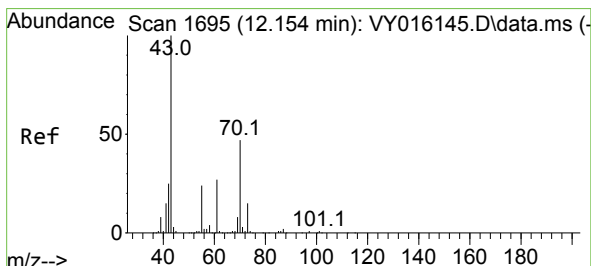
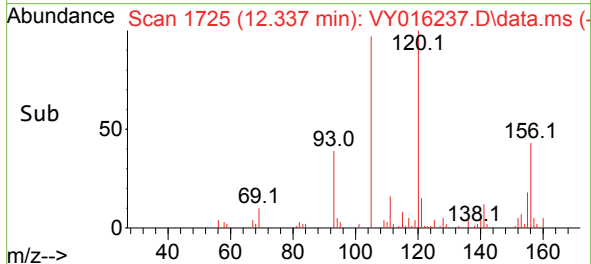
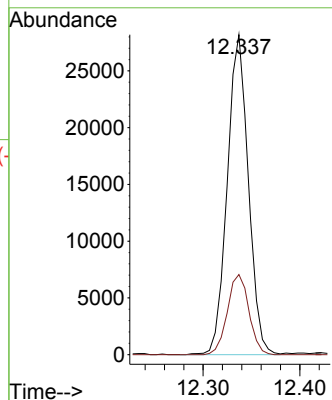
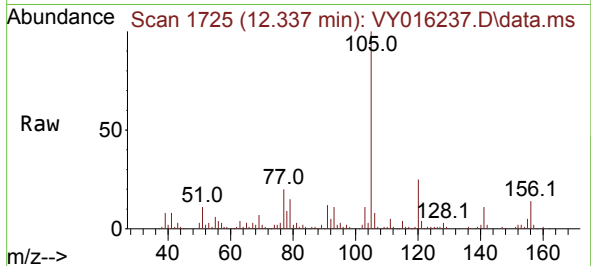




#73
Isopropylbenzene
Concen: 6.677 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

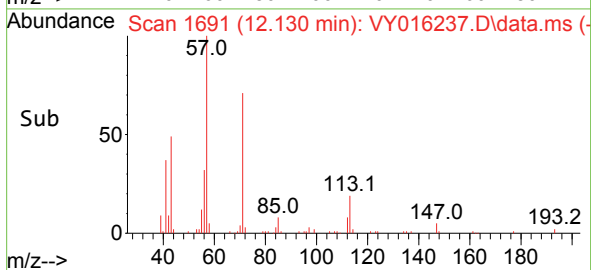
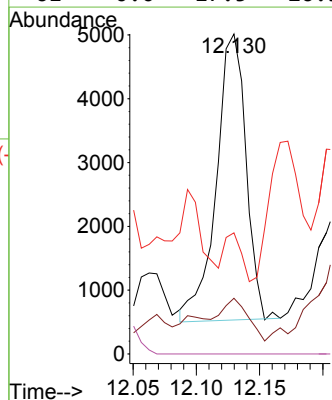
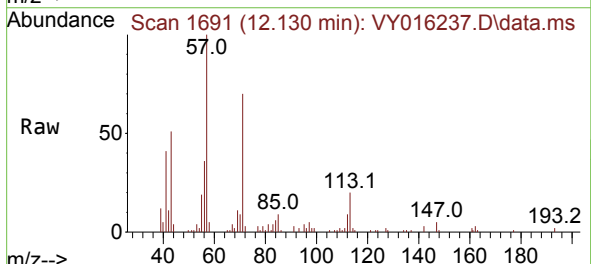
Instrument :
MSVOA_Y
ClientSampleId :

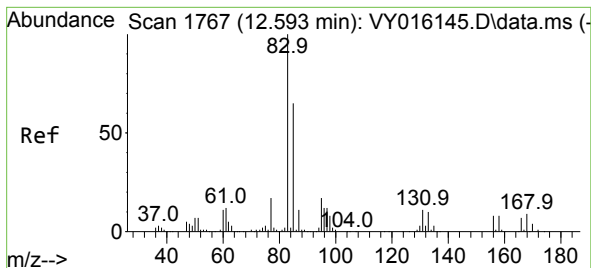
Tgt Ion:105 Resp: 42681
Ion Ratio Lower Upper
105 100
120 25.5 13.3 39.9



#74
N-ethyl acetate
Concen: 5.261 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.024 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Tgt Ion: 43 Resp: 7308
Ion Ratio Lower Upper
43 100
70 13.5 29.7 44.5#
55 9.5 18.3 27.5#
61 0.0 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.768 ug/l

RT: 12.563 min Scan# 1790

Delta R.T. -0.030 min

Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

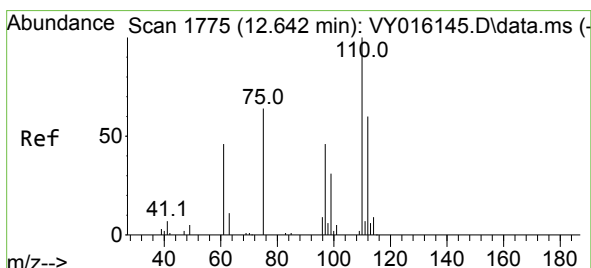
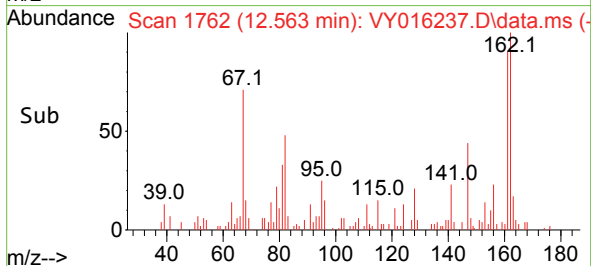
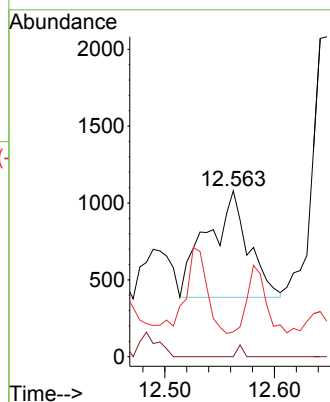
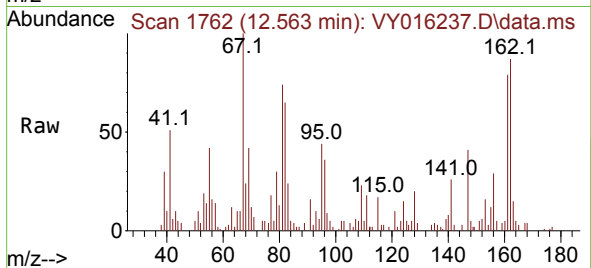
Tgt Ion: 83 Resp: 1798

Ion Ratio Lower Upper

83 100

131 1.6 5.4 16.2#

85 0.0 31.8 95.4#



#76

1,2,3-Trichloropropane

Concen: 4.402 ug/l

RT: 12.739 min Scan# 1791

Delta R.T. 0.098 min

Lab File: VY016237.D

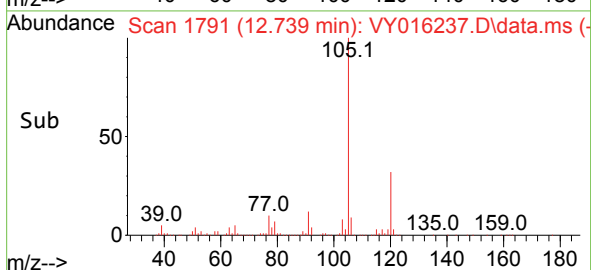
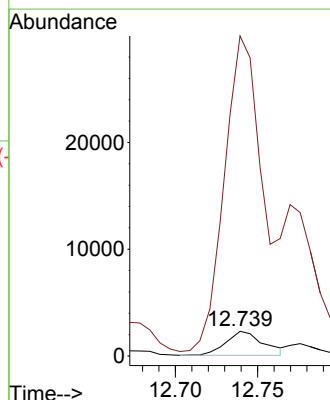
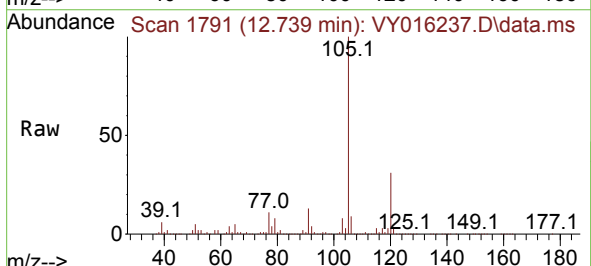
Acq: 06 Nov 2023 15:19

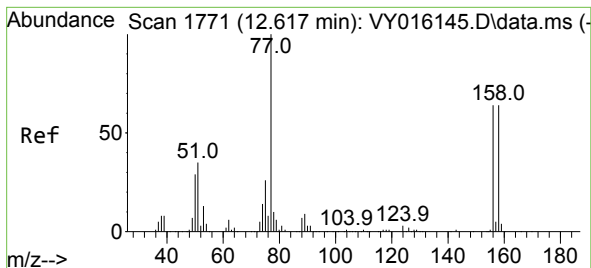
Tgt Ion: 75 Resp: 3533

Ion Ratio Lower Upper

75 100

77 1390.6 0.0 0.0#





#77

Bromobenzene

Concen: 137.514 ug/l

RT: 12.422 min Scan# 1771

Delta R.T. -0.195 min

Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

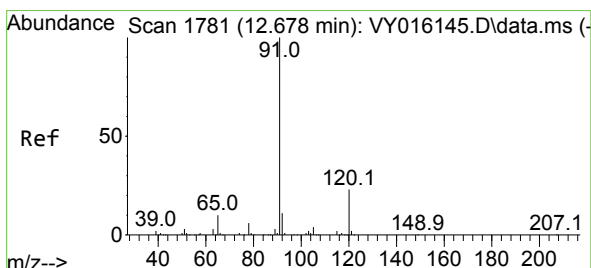
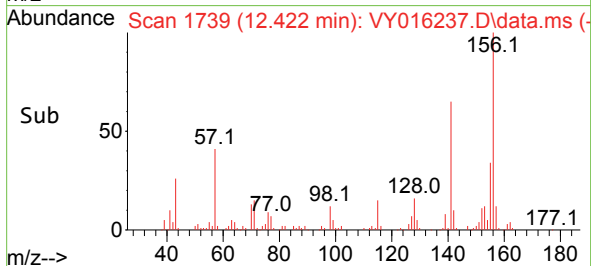
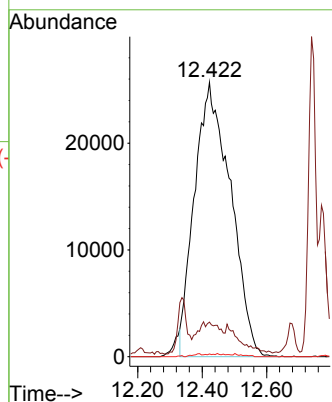
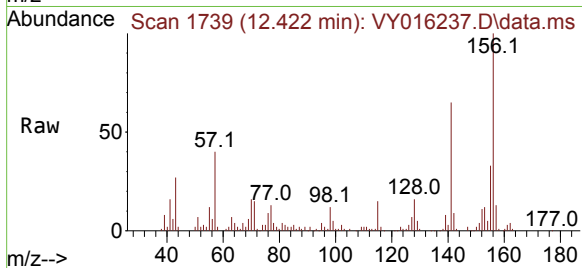
Tgt Ion:156 Resp: 199045

Ion Ratio Lower Upper

156 100

77 0.0 92.8 278.6#

158 0.0 48.4 145.3#



#78

n-propylbenzene

Concen: 14.356 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016237.D

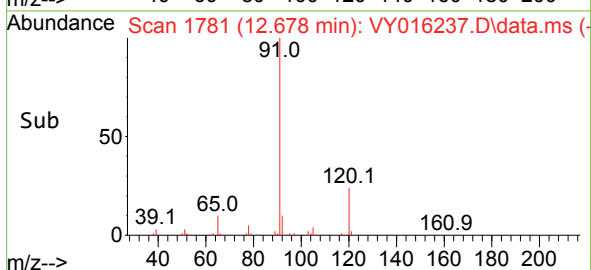
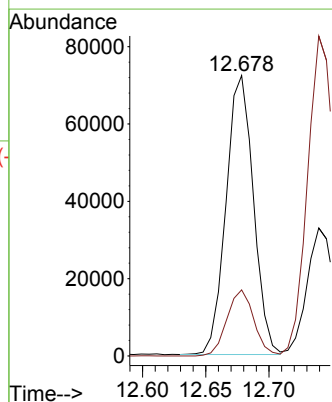
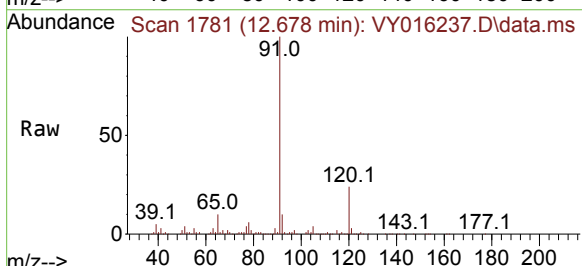
Acq: 06 Nov 2023 15:19

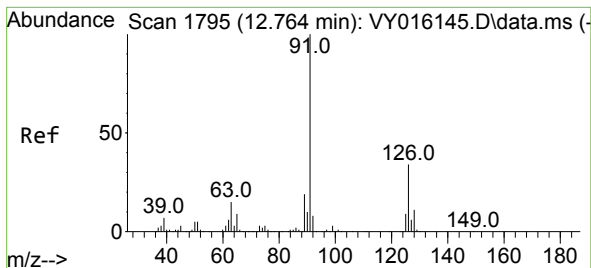
Tgt Ion: 91 Resp: 108497

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 12.035 ug/l

RT: 12.739 min Scan# 1

Delta R.T. -0.024 min

Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

Instrument :

MSVOA_Y

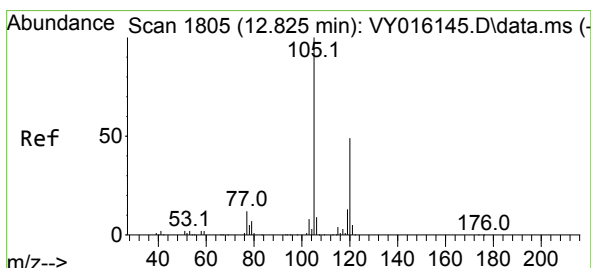
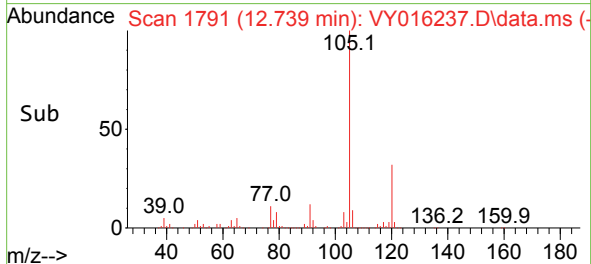
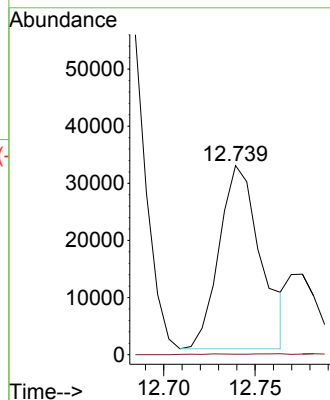
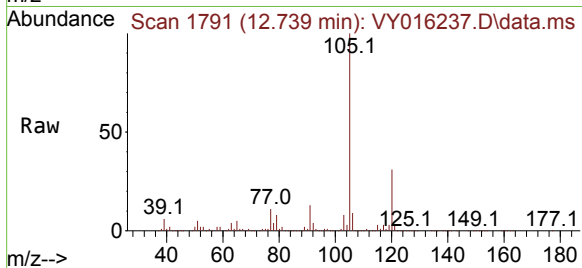
ClientSampleId :

Tgt Ion: 91 Resp: 50729

Ion Ratio Lower Upper

91 100

126 0.5 17.3 51.7#



#80

1,3,5-Trimethylbenzene

Concen: 49.196 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VY016237.D

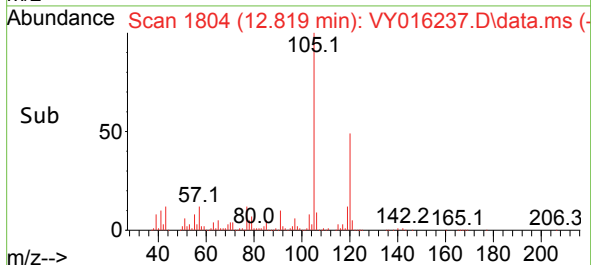
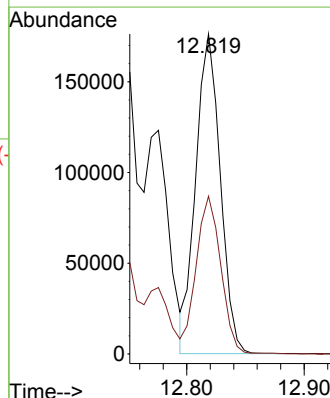
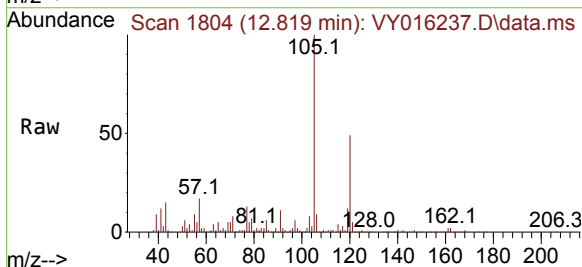
Acq: 06 Nov 2023 15:19

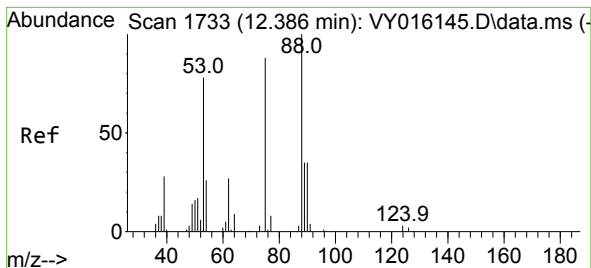
Tgt Ion: 105 Resp: 254783

Ion Ratio Lower Upper

105 100

120 49.9 23.9 71.7

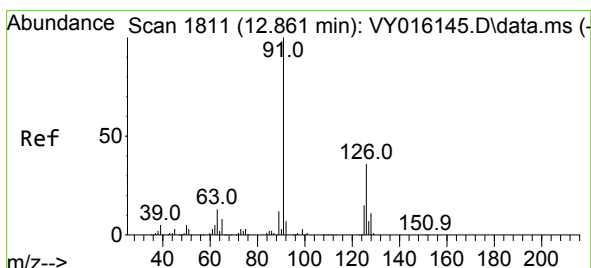
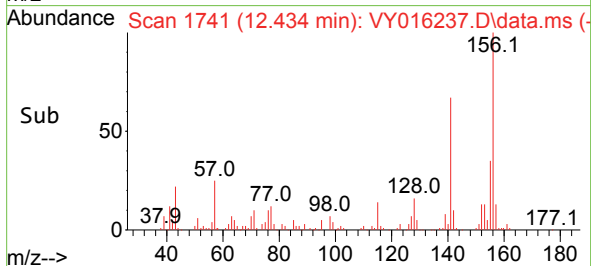
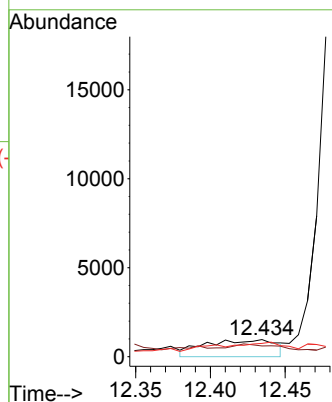
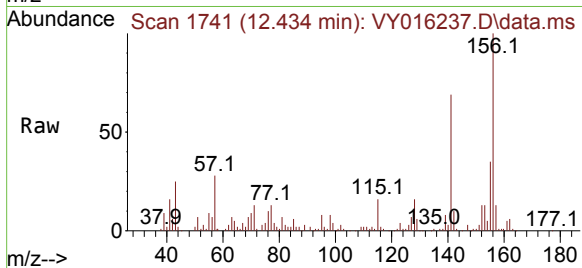




#81
trans-1,4-Dichloro-2-butene
Concen: 8.459 ug/l
RT: 12.434 min Scan# 11
Delta R.T. 0.049 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

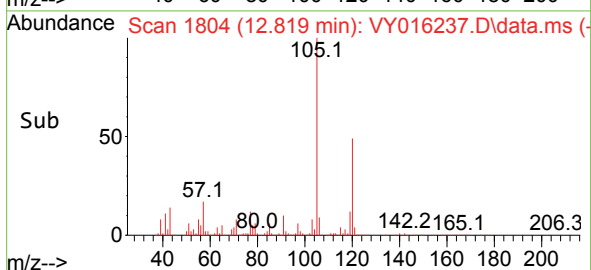
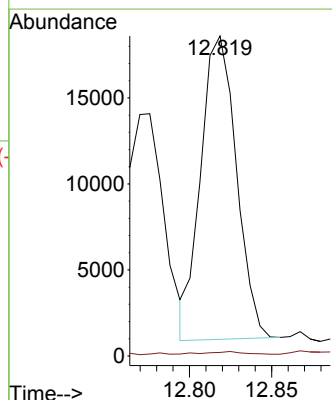
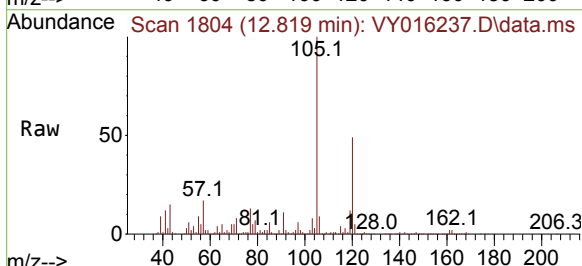
Instrument :
MSVOA_Y
ClientSampleId :

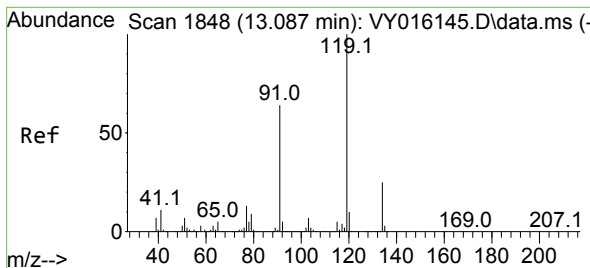
Tgt Ion: 75 Resp: 3131
Ion Ratio Lower Upper
75 100
53 19.5 77.8 116.8#
89 0.0 37.4 56.0#



#82
4-Chlorotoluene
Concen: 6.130 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.043 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Tgt Ion: 91 Resp: 26533
Ion Ratio Lower Upper
91 100
126 0.9 17.2 51.6#





#83

tert-Butylbenzene

Concen: 19.654 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.043 min

Lab File: VY016237.D

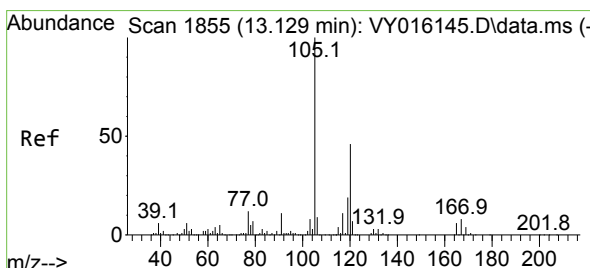
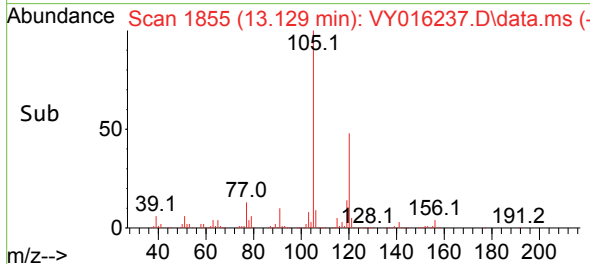
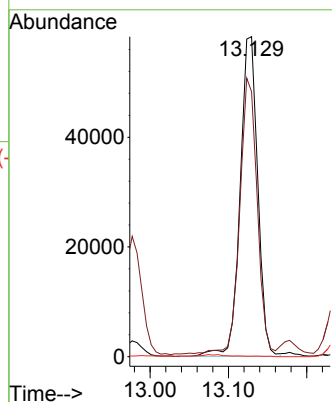
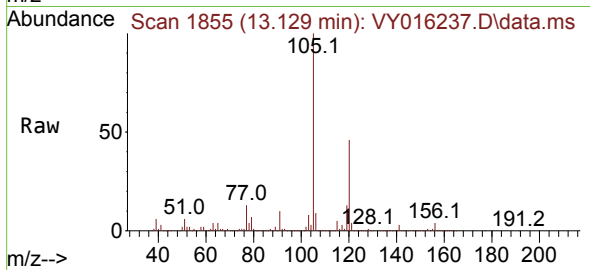
Acq: 06 Nov 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	91076
Ion Ratio	Lower	Upper
119	100	
91	85.8	32.9 98.6
134	0.0	13.0 38.9#



#84

1,2,4-Trimethylbenzene

Concen: 140.702 ug/l

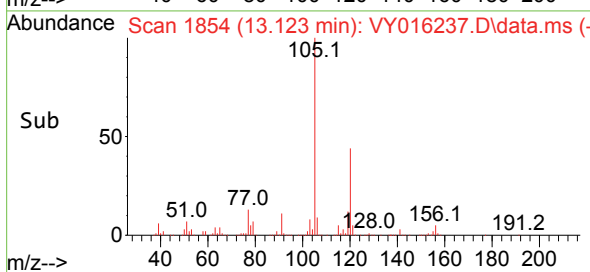
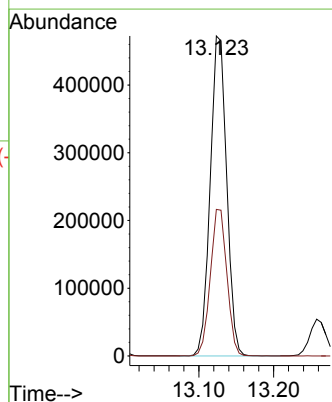
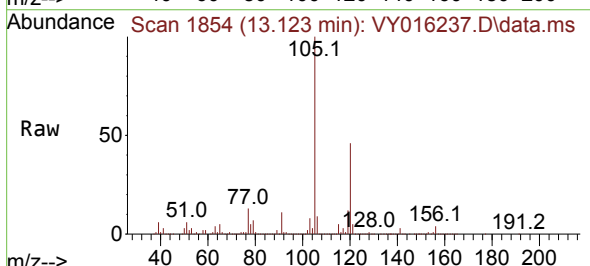
RT: 13.123 min Scan# 1854

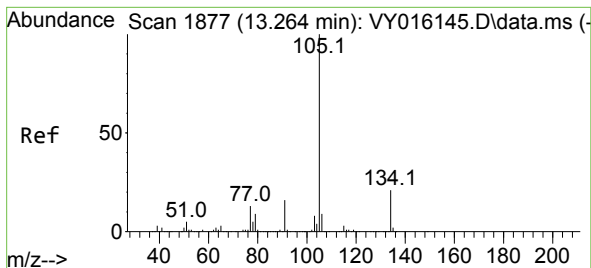
Delta R.T. -0.006 min

Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

Tgt Ion:105	Resp:	721034
Ion Ratio	Lower	Upper
105	100	
120	46.2	22.2 66.6





#85

sec-Butylbenzene

Concen: 12.018 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

Instrument :

MSVOA_Y

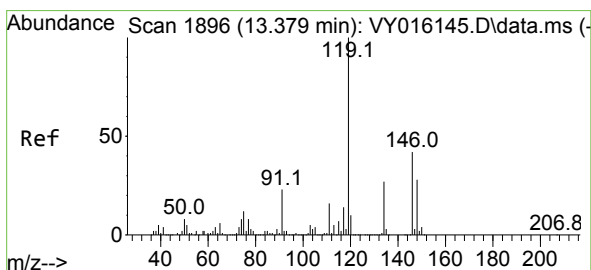
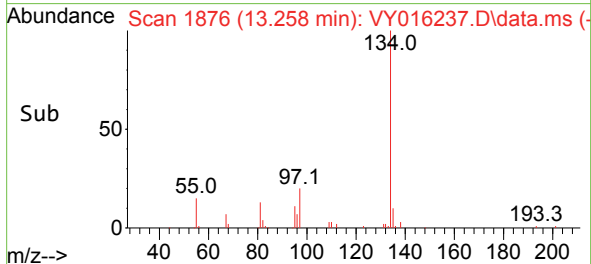
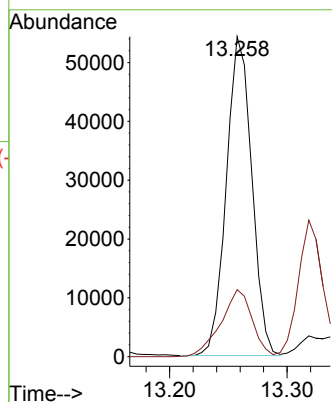
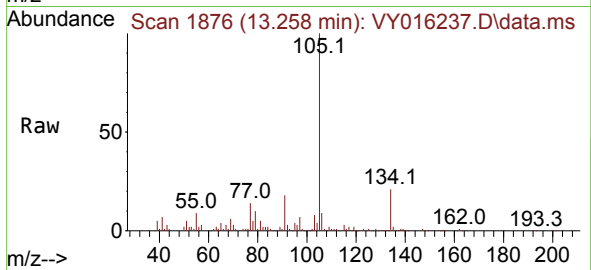
ClientSampleId :

Tgt Ion:105 Resp: 81737

Ion Ratio Lower Upper

105 100

134 25.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.119 ug/l

RT: 13.318 min Scan# 1886

Delta R.T. -0.061 min

Lab File: VY016237.D

Acq: 06 Nov 2023 15:19

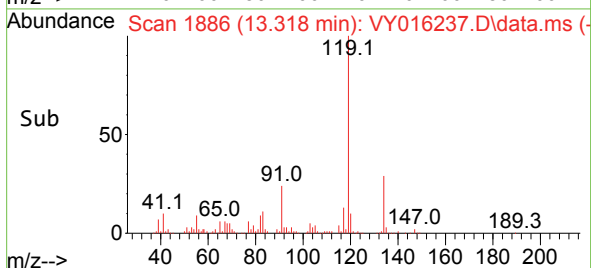
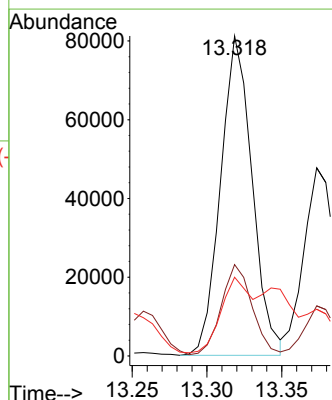
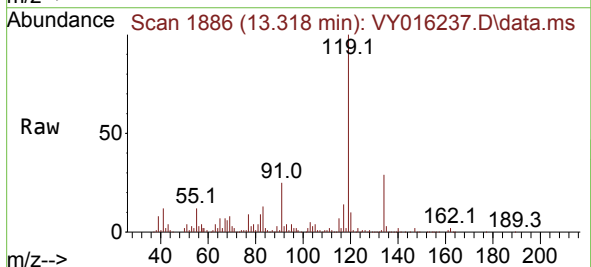
Tgt Ion:119 Resp: 119044

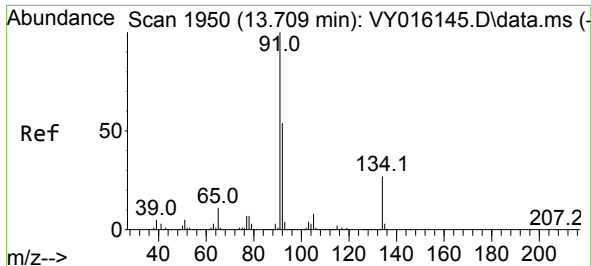
Ion Ratio Lower Upper

119 100

134 28.2 13.3 39.8

91 22.3 12.4 37.4

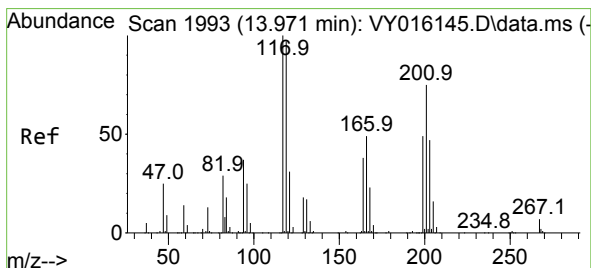
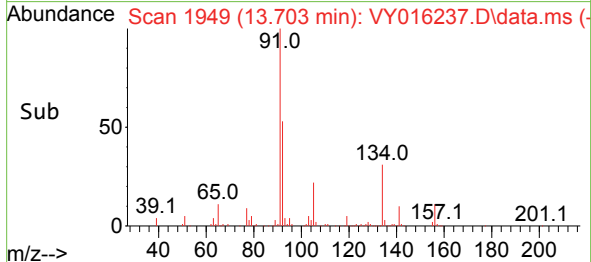
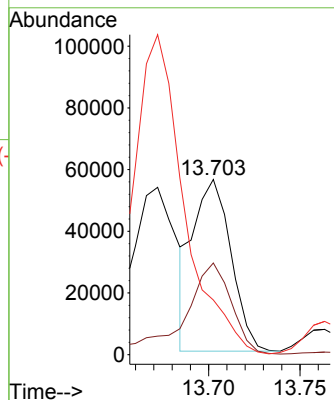
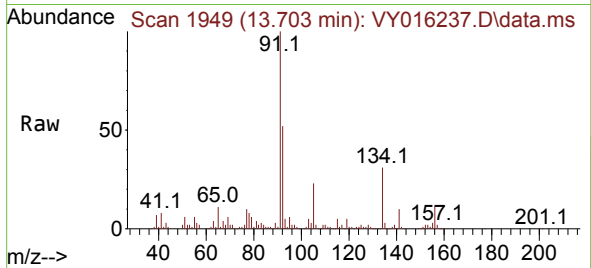




#89
n-Butylbenzene
Concen: 15.443 ug/l
RT: 13.703 min Scan# 1950
Delta R.T. -0.006 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

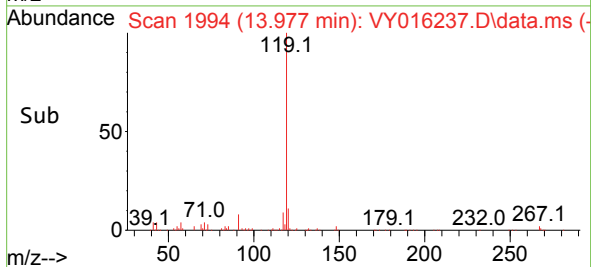
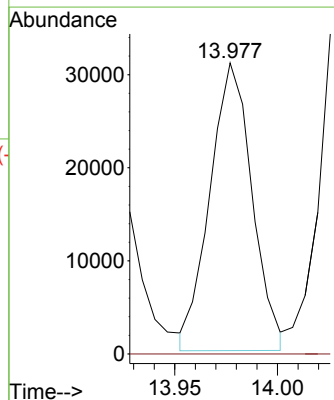
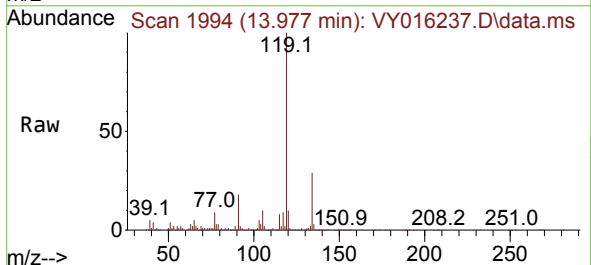
Instrument :
MSVOA_Y
ClientSampleId :

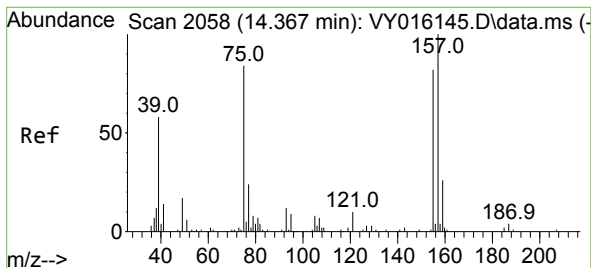
Tgt Ion: 91 Resp: 79985
Ion Ratio Lower Upper
91 100
92 64.5 25.4 76.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 45.429 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Tgt Ion: 117 Resp: 44129
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

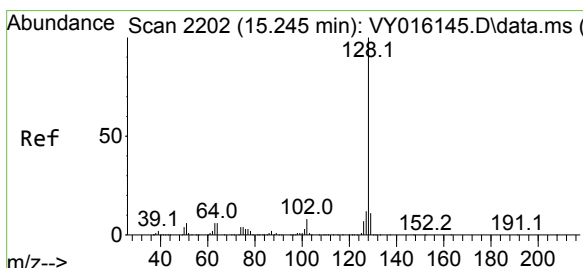
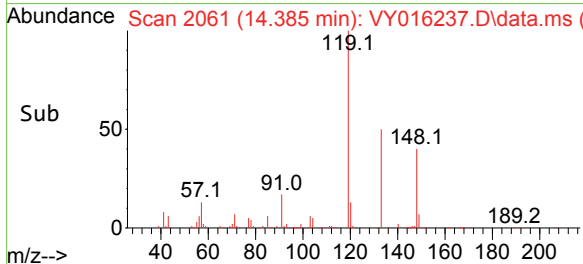
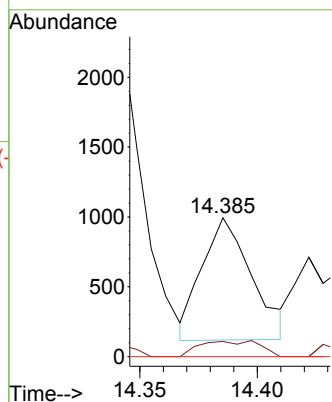
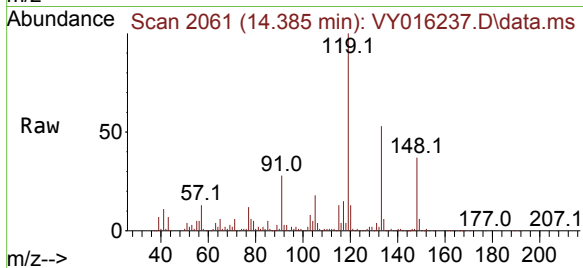




#92
1,2-Dibromo-3-Chloropropane
Concen: 7.070 ug/l
RT: 14.385 min Scan# 2058
Delta R.T. 0.018 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1287
Ion Ratio Lower Upper
75 100
155 15.6 41.5 124.6#
157 0.0 51.8 155.5#



#95
Naphthalene
Concen: 419.274 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY016237.D
Acq: 06 Nov 2023 15:19

Tgt Ion: 128 Resp: 1243451
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.0 8.6 13.0

