

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016841.D
 Acq On : 23 Dec 2023 05:55
 Operator : SY/MD
 Sample : 05957-07
 Misc : 2.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 06:09:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

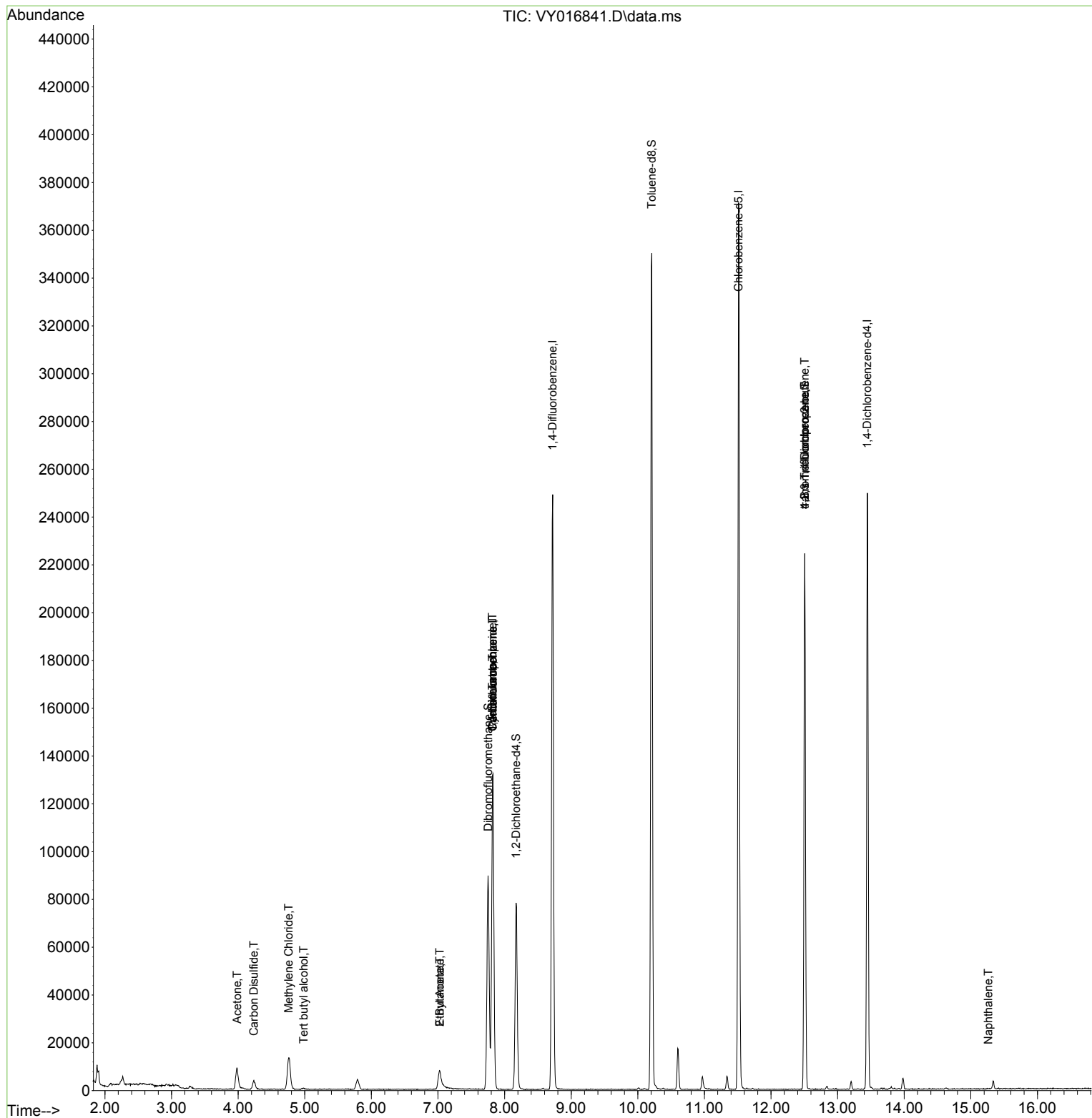
Internal Standards						
1) Pentafluorobenzene	7.826	168	99971	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	215546	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	202517	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	62363	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	59660	65.372	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.740%			
35) Dibromofluoromethane	7.752	113	65218	52.821	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.640%			
50) Toluene-d8	10.209	98	231903	52.102	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.200%			
62) 4-Bromofluorobenzene	12.508	95	64892	44.938	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.880%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.985	59	692	9.248	ug/l #	75
16) Acetone	3.985	43	16143	65.413	ug/l	98
17) Carbon Disulfide	4.235	76	6041	2.352	ug/l #	93
20) Methylene Chloride	4.759	84	10577	5.636	ug/l	97
25) 2-Butanone	7.027	43	6838	20.125	ug/l	91
31) Cyclohexane	7.819	56	2295	1.313	ug/l #	1
36) 1,1-Dichloropropene	7.819	75	8933	4.513	ug/l #	49
37) Ethyl Acetate	7.027	43	6838	8.060	ug/l #	73
38) Carbon Tetrachloride	7.819	117	10097	5.155	ug/l #	17
76) 1,2,3-Trichloropropane	12.508	75	34843	50.542	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	34843	118.694	ug/l #	12
95) Naphthalene	15.263	128	68	3.625	ug/l #	69

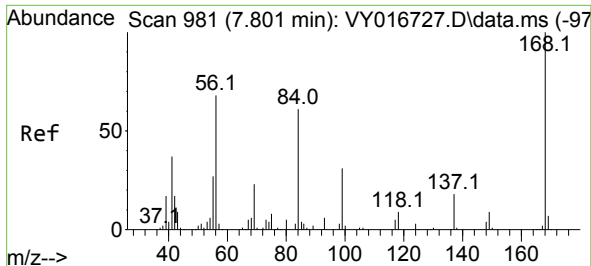
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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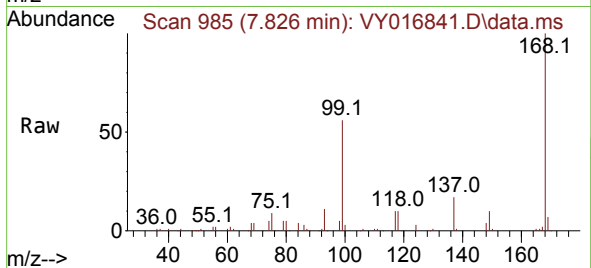
Quant Time: Dec 23 06:09:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



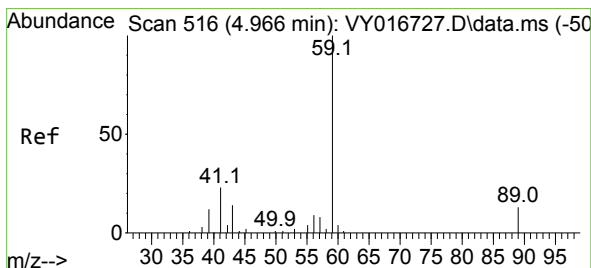
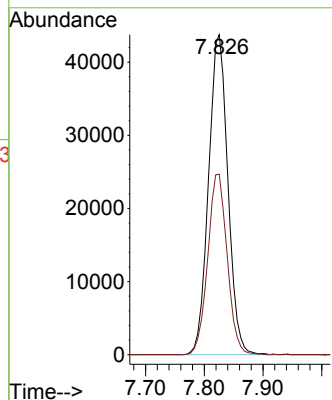
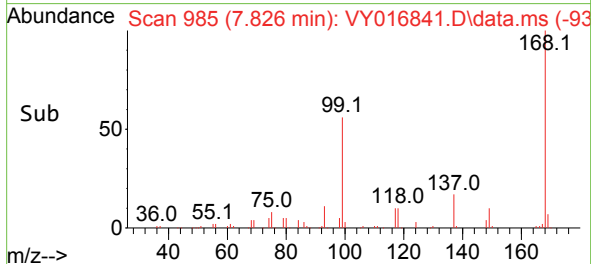


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 99
Delta R.T. 0.025 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

Instrument :
MSVOA_Y
ClientSampleId :

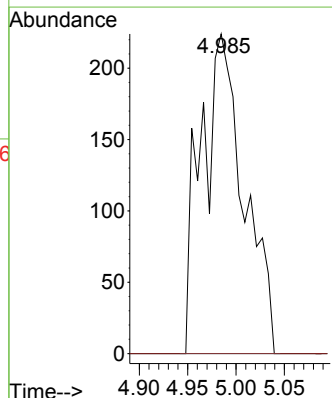
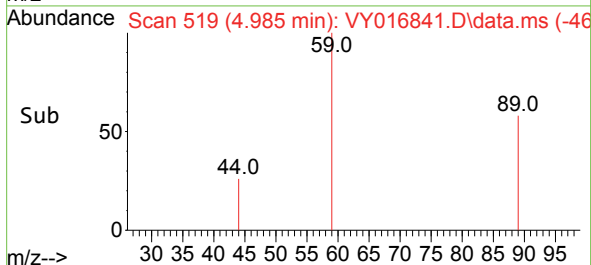
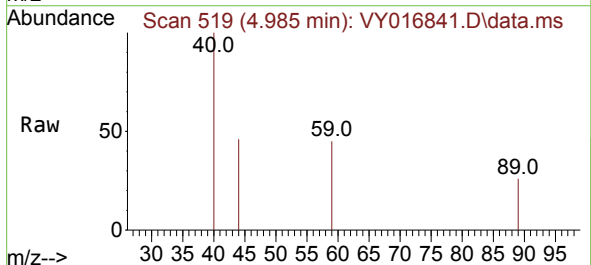


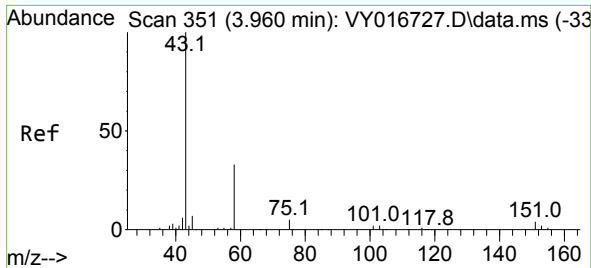
Tgt Ion:168 Resp: 99971
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#11
Tert butyl alcohol
Concen: 9.248 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.019 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

Tgt Ion: 59 Resp: 692
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 65.413 ug/l

RT: 3.985 min Scan# 3

Delta R.T. 0.025 min

Lab File: VY016841.D

Acq: 23 Dec 2023 05:55

Instrument :

MSVOA_Y

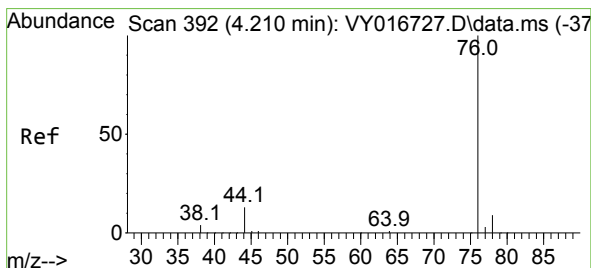
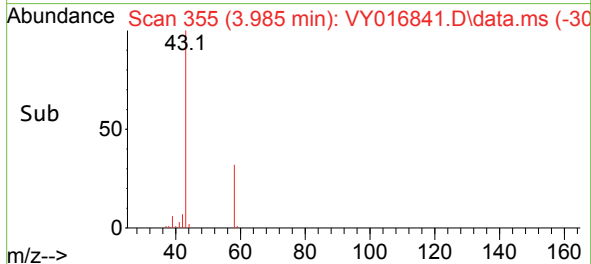
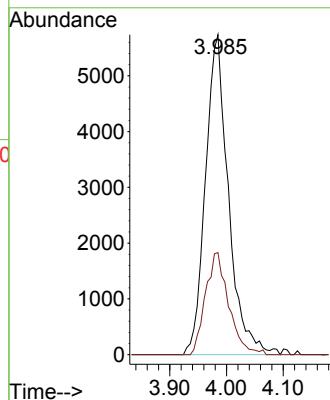
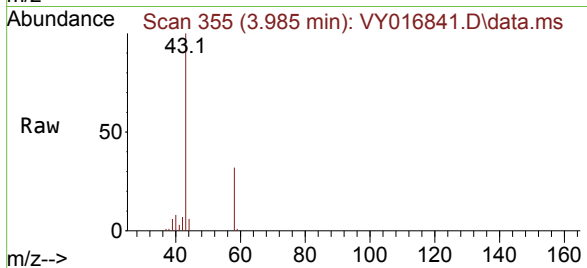
ClientSampleId :

Tgt Ion: 43 Resp: 16143

Ion Ratio Lower Upper

43 100

58 31.9 26.6 39.8



#17

Carbon Disulfide

Concen: 2.352 ug/l

RT: 4.235 min Scan# 396

Delta R.T. 0.025 min

Lab File: VY016841.D

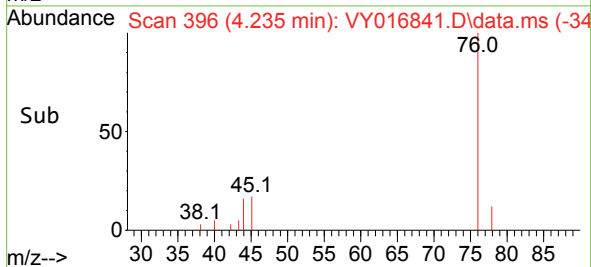
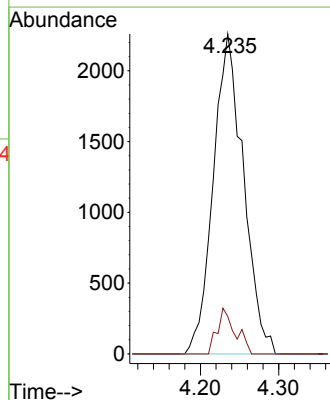
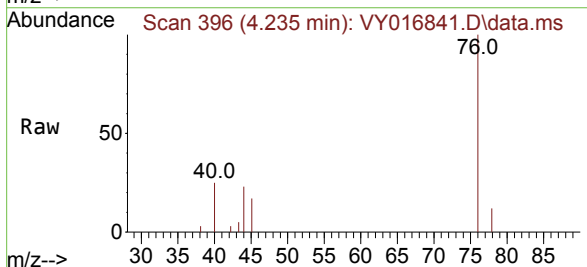
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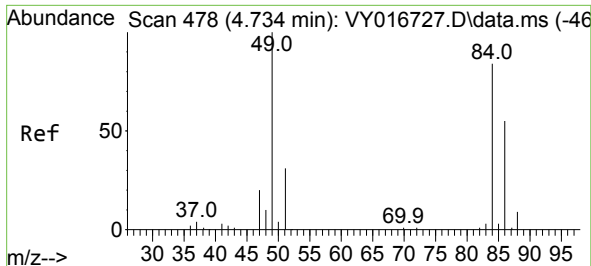
Tgt Ion: 76 Resp: 6041

Ion Ratio Lower Upper

76 100

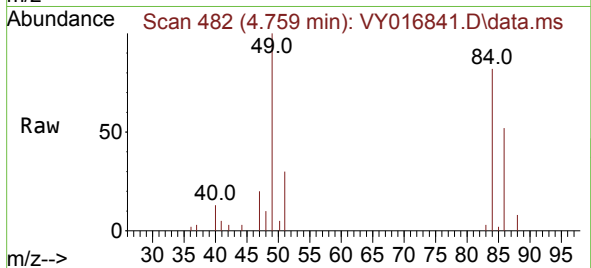
78 11.7 7.4 11.0#



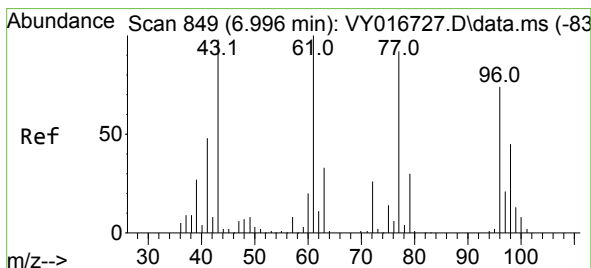
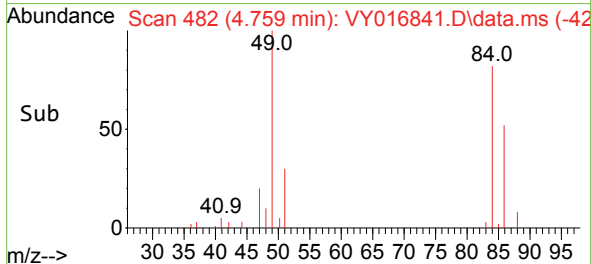
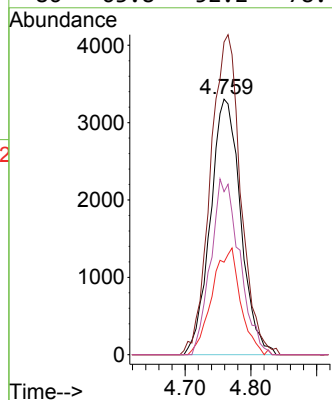


#20
Methylene Chloride
Concen: 5.636 ug/l
RT: 4.759 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

Instrument :
MSVOA_Y
ClientSampleId :

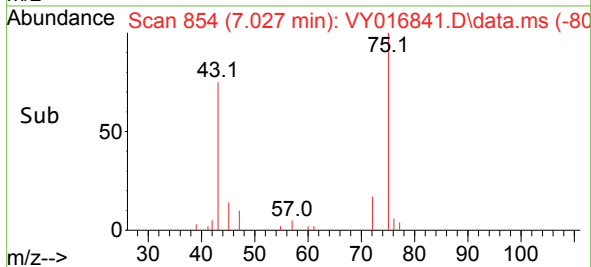
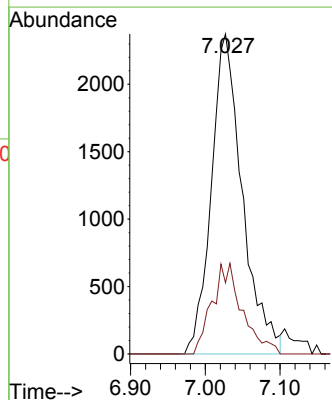
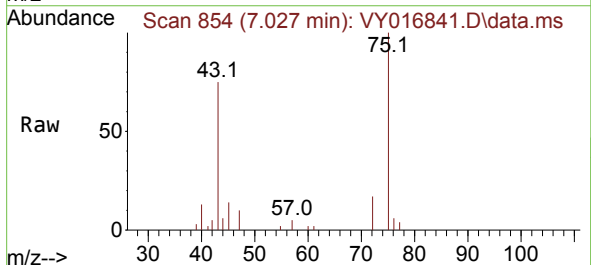


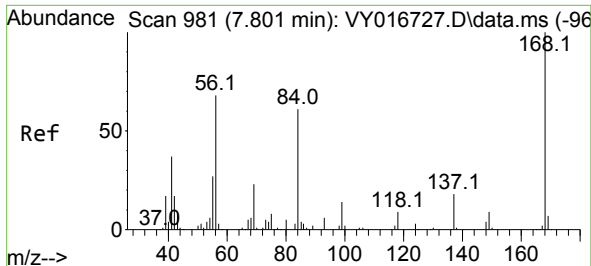
Tgt Ion: 84	Resp: 10577
Ion Ratio	Lower Upper
84 100	
49 122.4	95.2 142.8
51 36.2	29.9 44.9
86 63.8	52.2 78.4



#25
2-Butanone
Concen: 20.125 ug/l
RT: 7.027 min Scan# 854
Delta R.T. 0.031 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

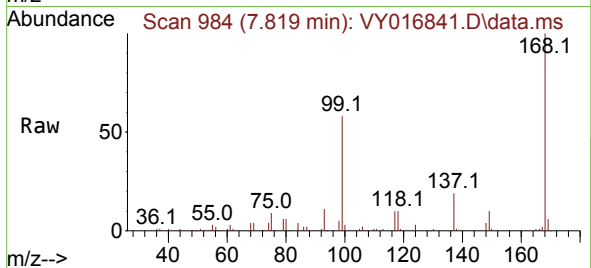
Tgt Ion: 43	Resp: 6838		
Ion Ratio	Lower	Upper	
43 100			
72 22.3	21.4	32.2	



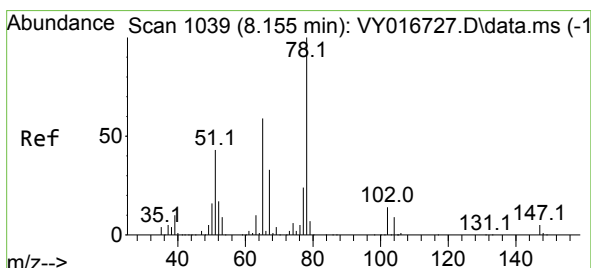
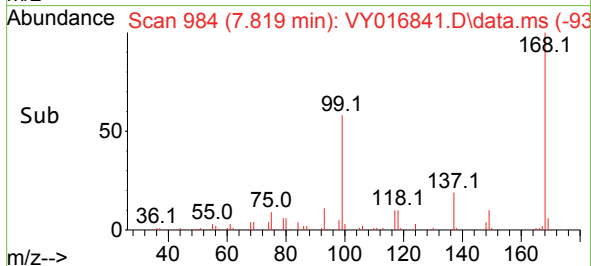
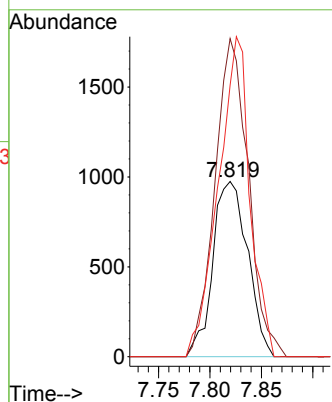


#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

Instrument :
MSVOA_Y
ClientSampleId :

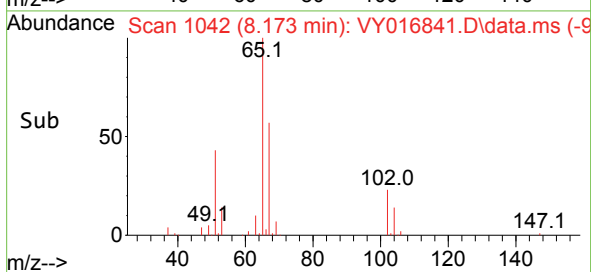
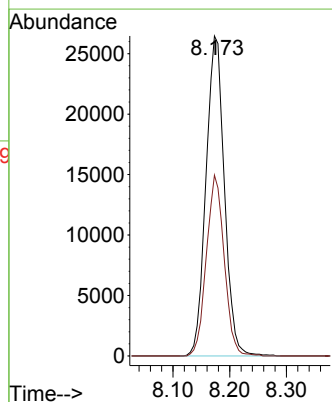
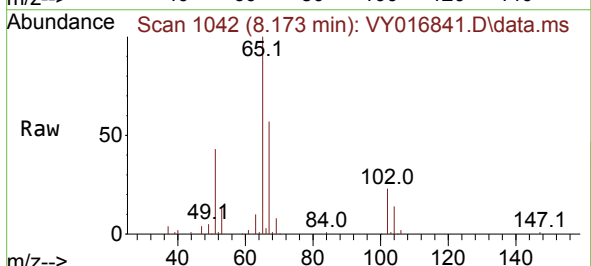


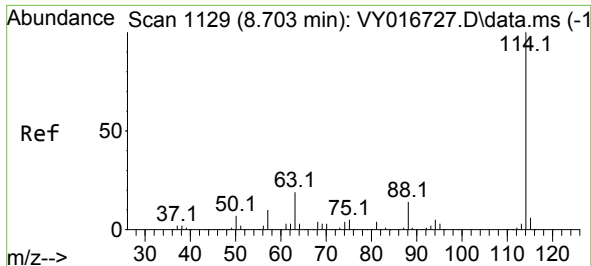
Tgt Ion: 56 Resp: 2295
Ion Ratio Lower Upper
56 100
69 181.4 27.0 40.6#
84 154.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 65.372 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.019 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

Tgt Ion: 65 Resp: 59660
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1129

Delta R.T. 0.019 min

Lab File: VY016841.D

Acq: 23 Dec 2023 05:55

Instrument :

MSVOA_Y

ClientSampleId :

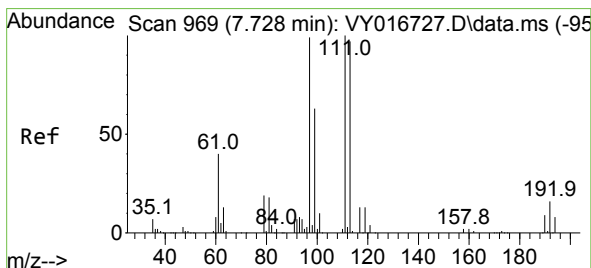
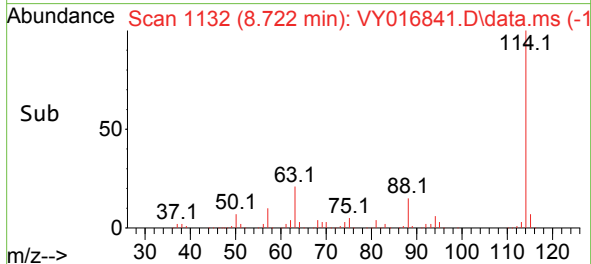
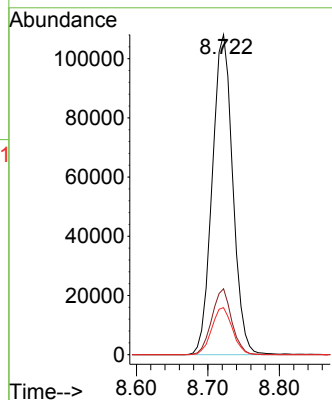
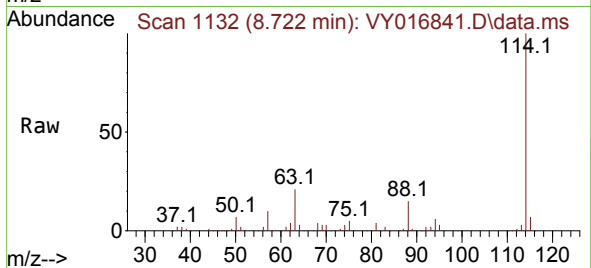
Tgt Ion:114 Resp: 215546

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.821 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.025 min

Lab File: VY016841.D

Acq: 23 Dec 2023 05:55

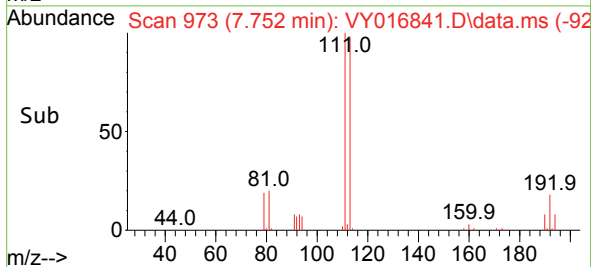
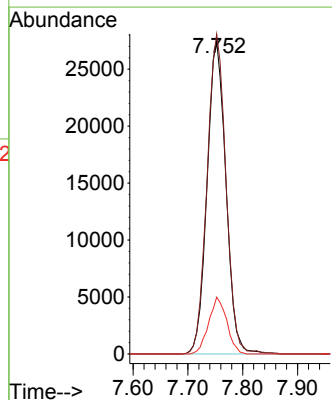
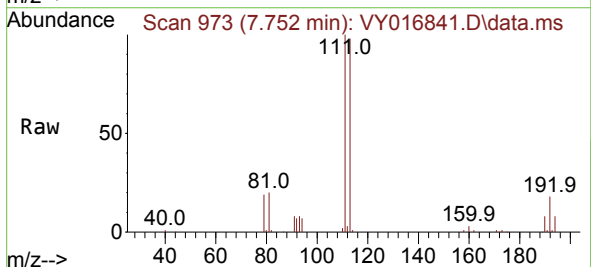
Tgt Ion:113 Resp: 65218

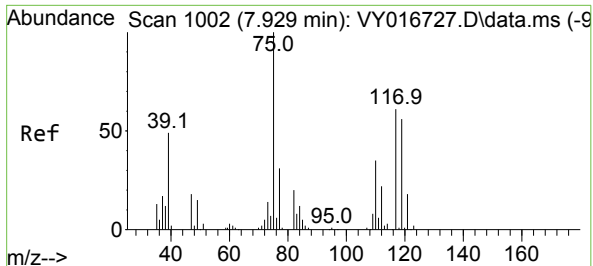
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

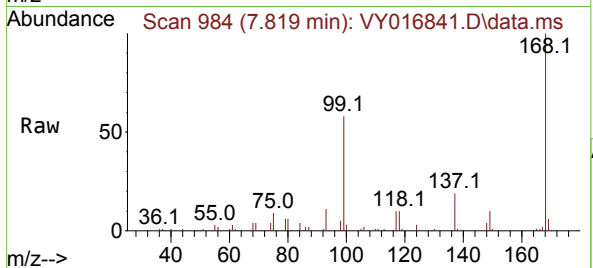
192 17.6 14.5 21.7



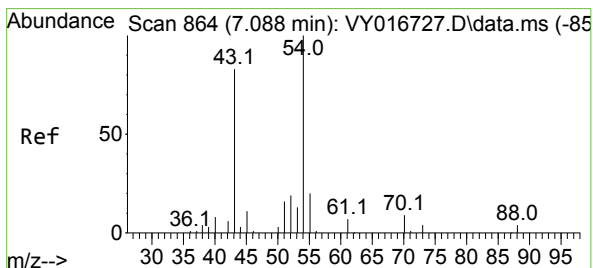
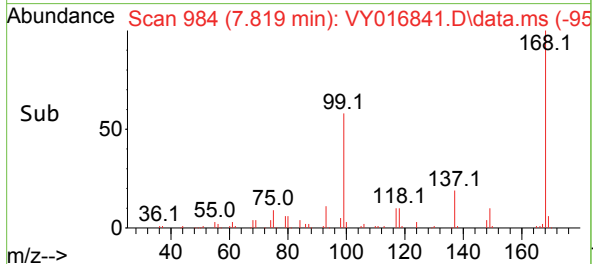
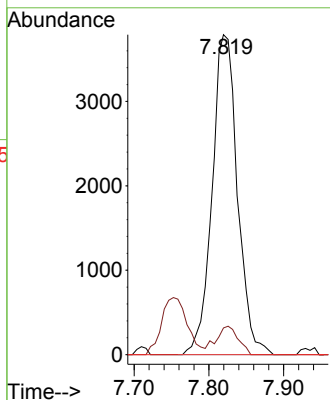


#36
1,1-Dichloropropene
Concen: 4.513 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

Instrument :
MSVOA_Y
ClientSampleId :

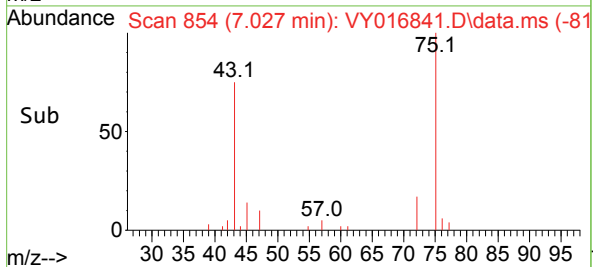
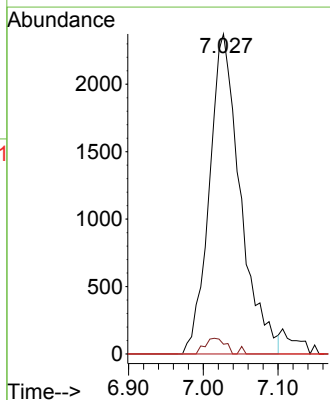
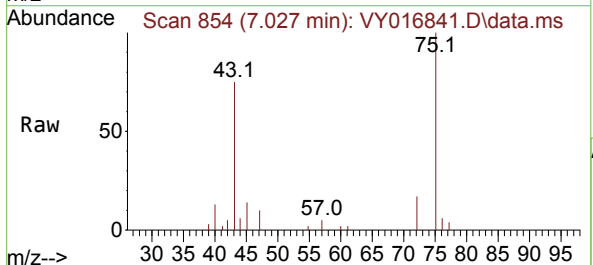


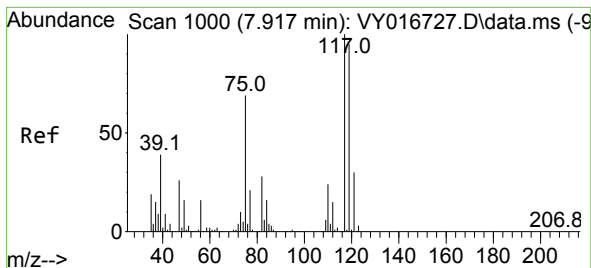
Tgt Ion: 75 Resp: 8933
Ion Ratio Lower Upper
75 100
110 7.7 17.4 52.3#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 8.060 ug/l
RT: 7.027 min Scan# 854
Delta R.T. -0.061 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

Tgt Ion: 43 Resp: 6838
Ion Ratio Lower Upper
43 100
61 3.2 11.0 16.6#
70 0.0 8.1 12.1#





#38

Carbon Tetrachloride

Concen: 5.155 ug/l

RT: 7.819 min Scan# 91

Delta R.T. -0.097 min

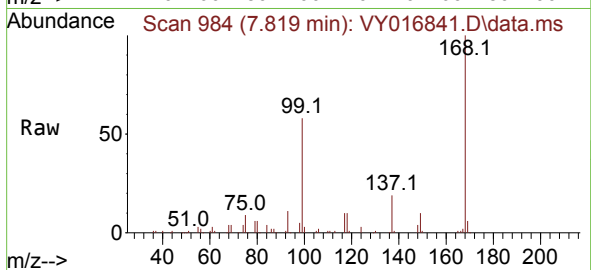
Lab File: VY016841.D

Acq: 23 Dec 2023 05:55

Instrument :

MSVOA_Y

ClientSampleId :



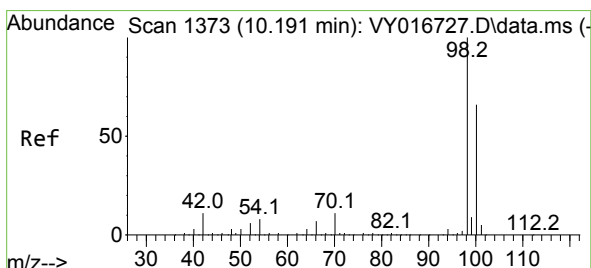
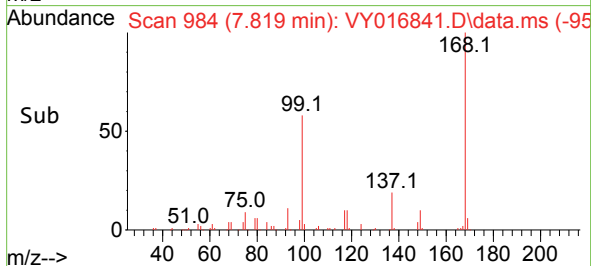
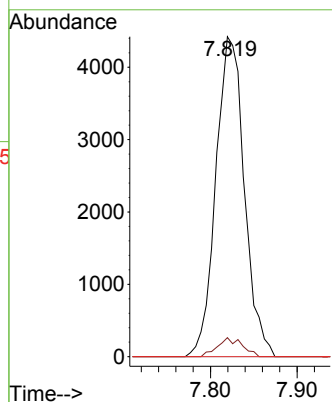
Tgt Ion:117 Resp: 10097

Ion Ratio Lower Upper

117 100

119 6.0 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 52.102 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.019 min

Lab File: VY016841.D

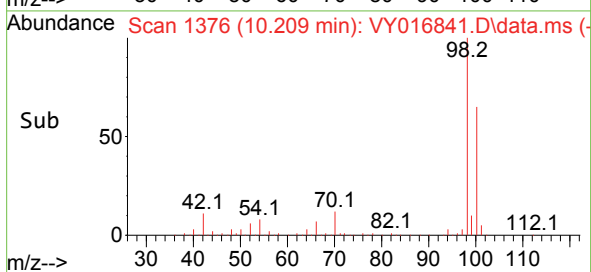
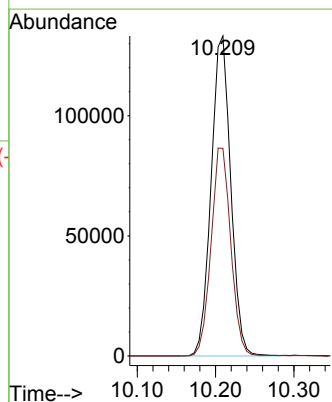
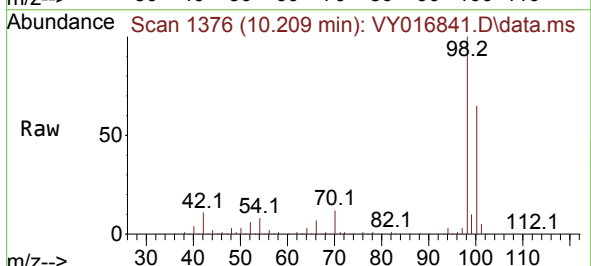
Acq: 23 Dec 2023 05:55

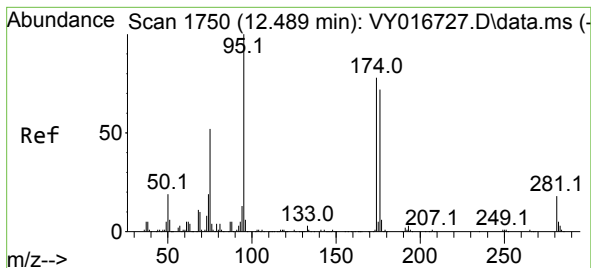
Tgt Ion: 98 Resp: 231903

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

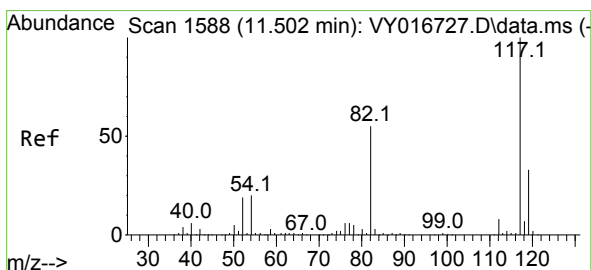
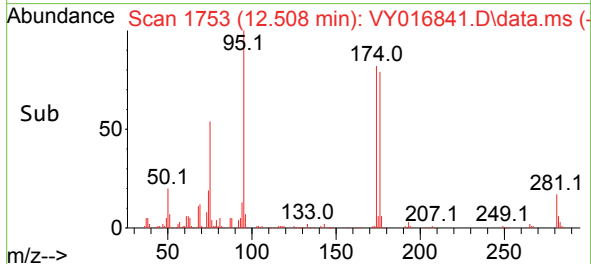
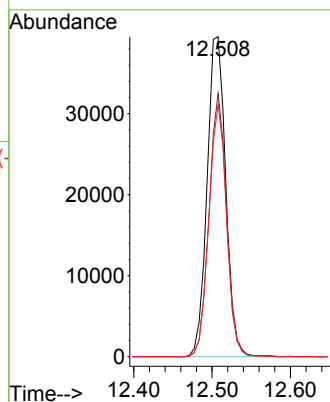
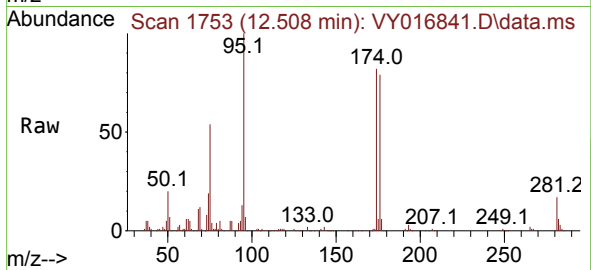




#62
4-Bromofluorobenzene
Concen: 44.938 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

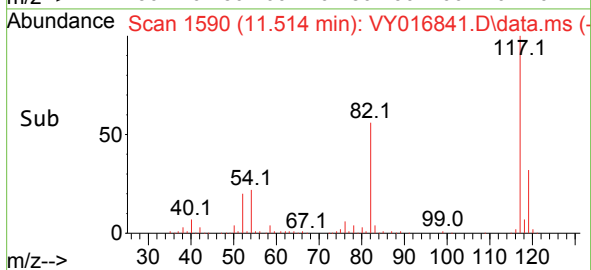
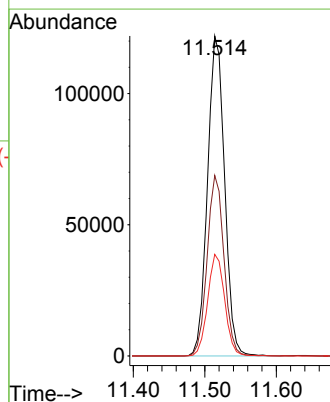
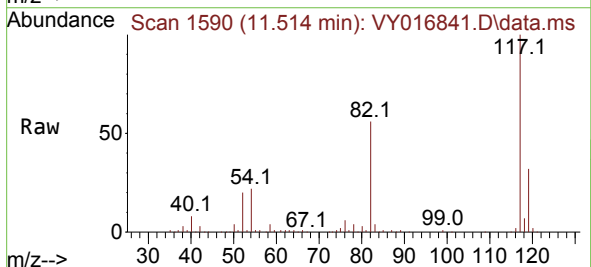
Instrument :
MSVOA_Y
ClientSampleId :

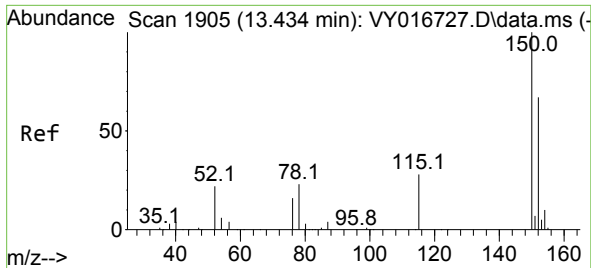
Tgt Ion: 95 Resp: 64892
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.0
176 74.7 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

Tgt Ion: 117 Resp: 202517
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 31.8 26.5 39.7

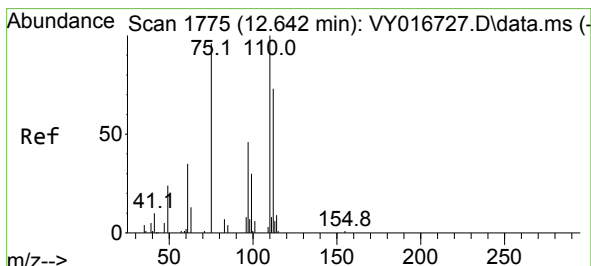
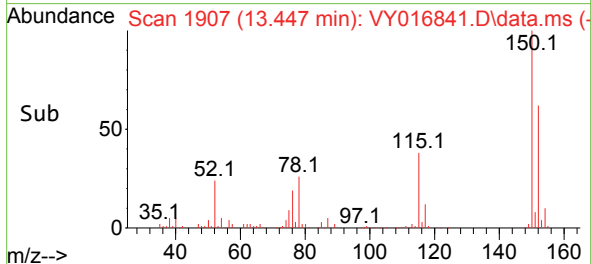
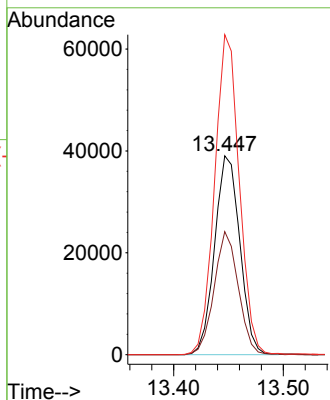
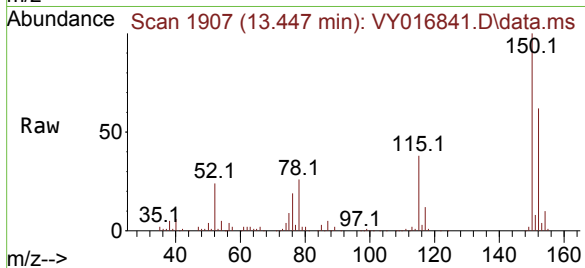




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.447 min Scan# 1905
 Delta R.T. 0.012 min
 Lab File: VY016841.D
 Acq: 23 Dec 2023 05:55

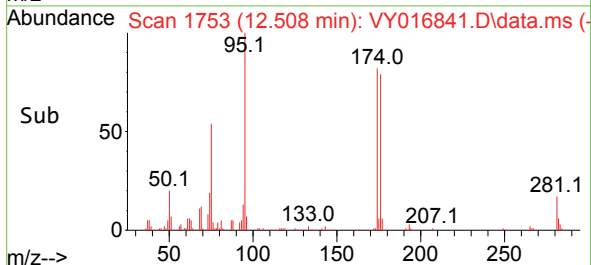
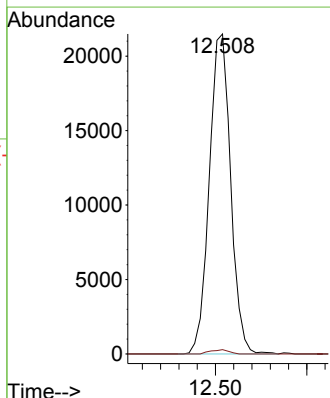
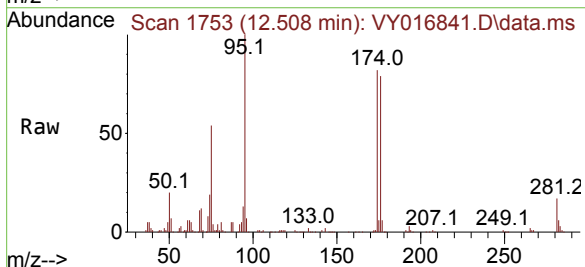
Instrument :
 MSVOA_Y
 ClientSampleId :

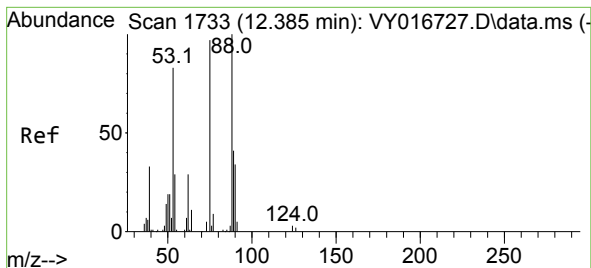
Tgt Ion:152 Resp: 62363
 Ion Ratio Lower Upper
 152 100
 115 59.4 30.0 90.0
 150 157.5 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 50.542 ug/l
 RT: 12.508 min Scan# 1753
 Delta R.T. -0.134 min
 Lab File: VY016841.D
 Acq: 23 Dec 2023 05:55

Tgt Ion: 75 Resp: 34843
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

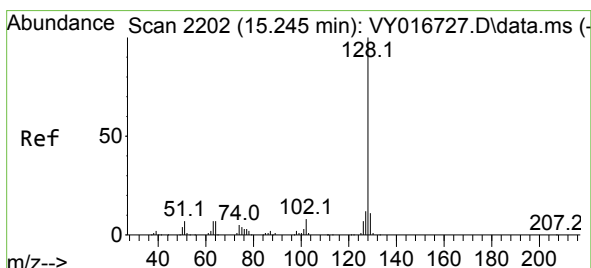
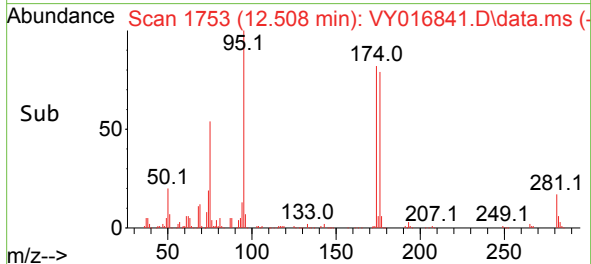
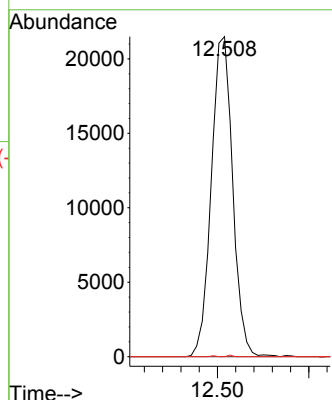
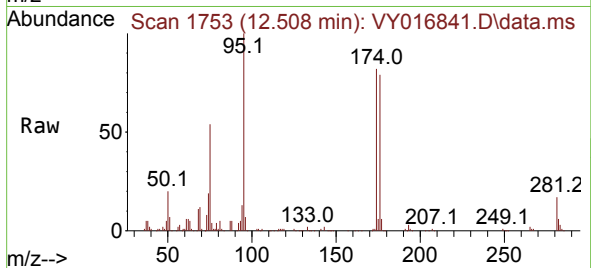




#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.694 ug/l
 RT: 12.508 min Scan# 11
 Delta R.T. 0.122 min
 Lab File: VY016841.D
 Acq: 23 Dec 2023 05:55

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 34843
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.1 36.5 54.7#



#95
 Naphthalene
 Concen: 3.625 ug/l
 RT: 15.263 min Scan# 2205
 Delta R.T. 0.018 min
 Lab File: VY016841.D
 Acq: 23 Dec 2023 05:55

Tgt Ion: 128 Resp: 68
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.4#
 129 0.0 8.6 12.8#

