

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016131.D
 Acq On : 30 Oct 2023 14:14
 Operator : SY/MD
 Sample : 05145-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 01:30:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

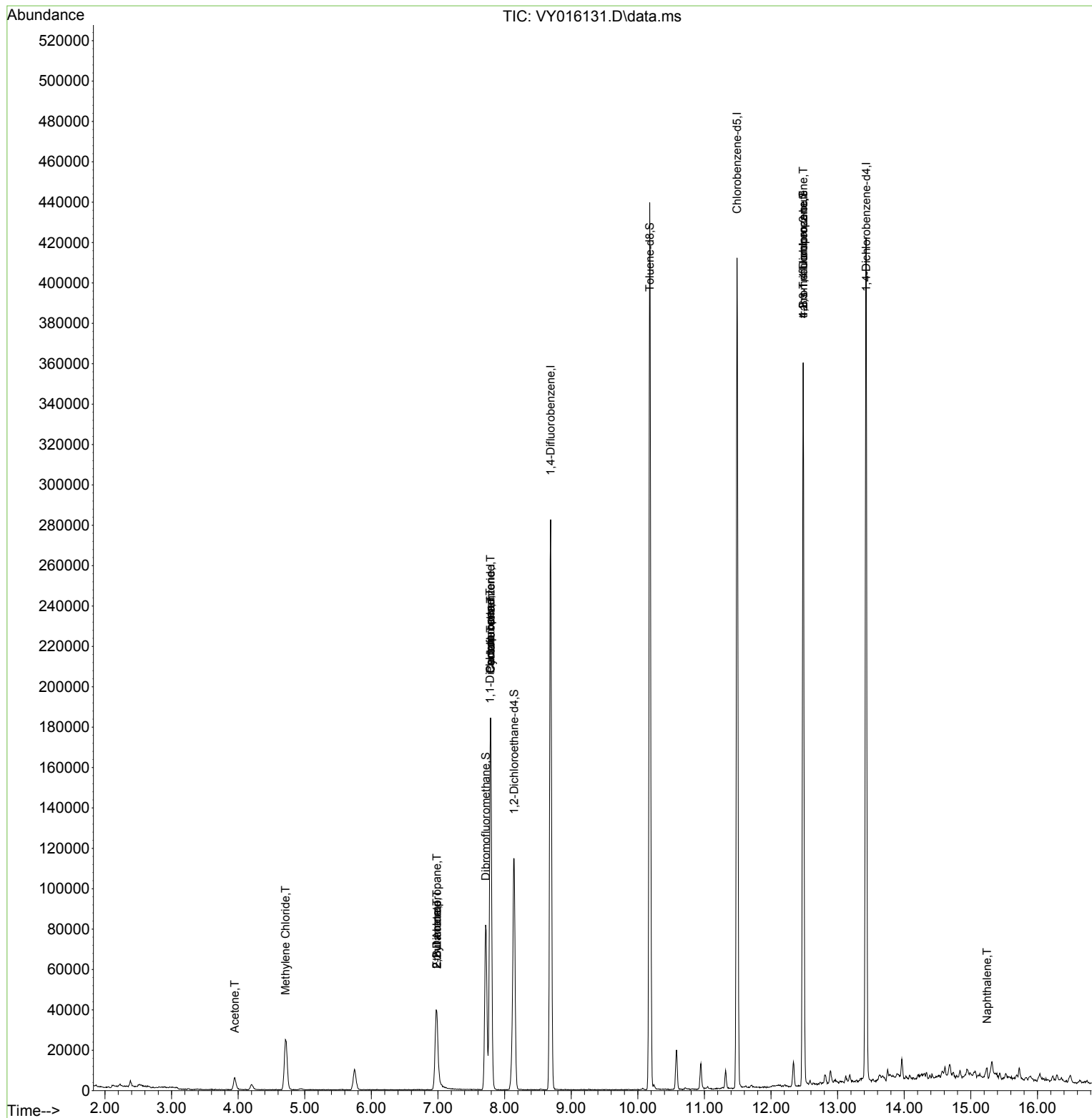
Internal Standards						
1) Pentafluorobenzene	7.789	168	146019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84858	58.444	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.880%			
35) Dibromofluoromethane	7.716	113	58448	37.451	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 74.900%			
50) Toluene-d8	10.179	98	289380	50.057	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.120%			
62) 4-Bromofluorobenzene	12.483	95	100508	50.684	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.360%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	996	Below Cal	#	89
16) Acetone	3.948	43	10568	26.853	ug/l	93
20) Methylene Chloride	4.710	84	20004	8.176	ug/l	87
25) 2-Butanone	6.984	43	3563	6.708	ug/l #	81
26) 2,2-Dichloropropane	6.984	77	3060	1.281	ug/l #	54
31) Cyclohexane	7.789	56	2769	1.212	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11045	5.077	ug/l #	50
37) Ethyl Acetate	6.984	43	3563	3.195	ug/l #	20
38) Carbon Tetrachloride	7.789	117	14279	6.207	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	52891	47.165	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52891	102.494	ug/l #	11
95) Naphthalene	15.245	128	4423	1.137	ug/l #	92

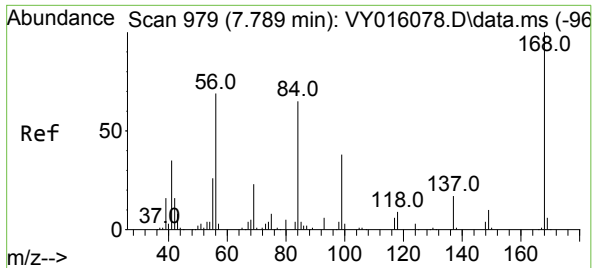
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
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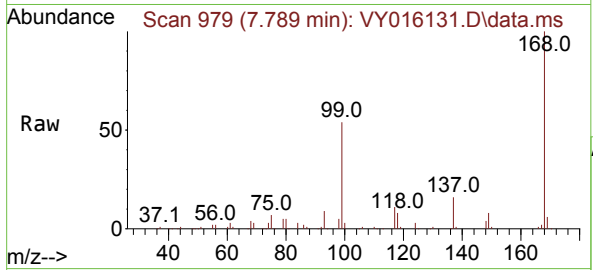
Quant Time: Oct 31 01:30:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



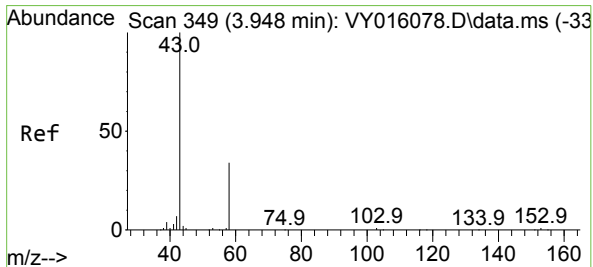
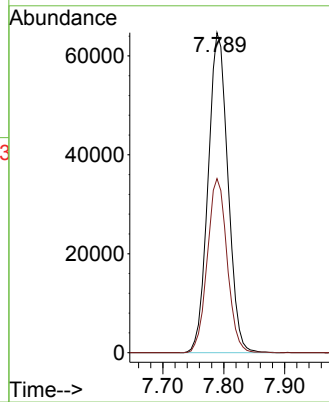
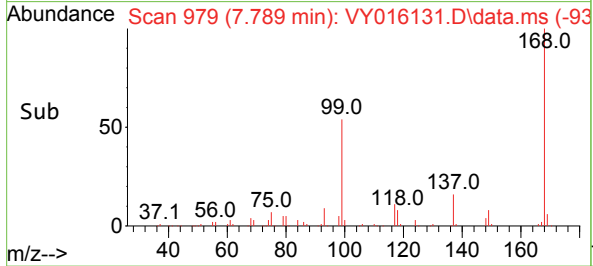


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016131.D
Acq: 30 Oct 2023 14:14

Instrument :
MSVOA_Y
ClientSampleId :

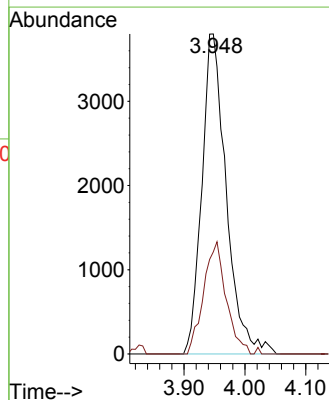
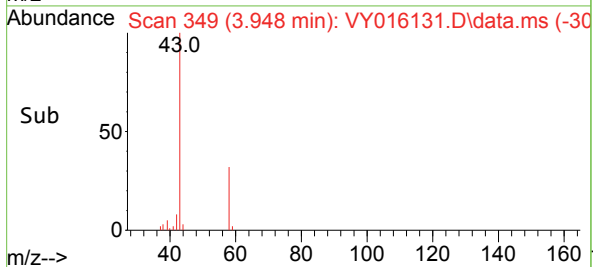
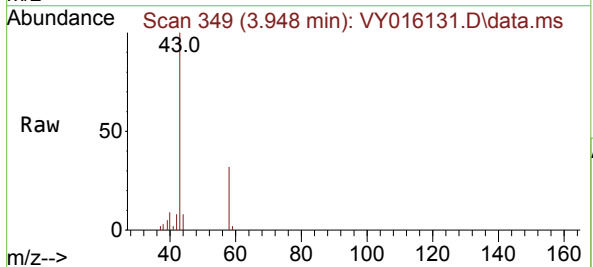


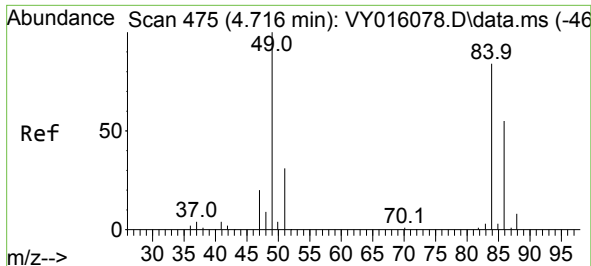
Tgt Ion:168 Resp: 146019
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#16
Acetone
Concen: 26.853 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016131.D
Acq: 30 Oct 2023 14:14

Tgt Ion: 43 Resp: 10568
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1





#20

Methylene Chloride

Concen: 8.176 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

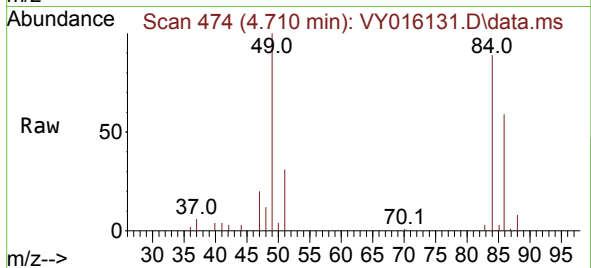
Lab File: VY016131.D

Acq: 30 Oct 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 20004

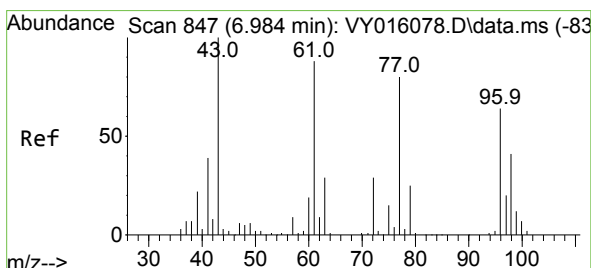
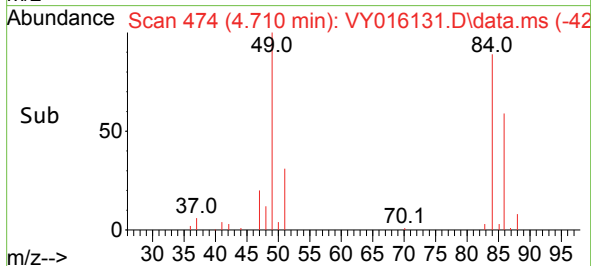
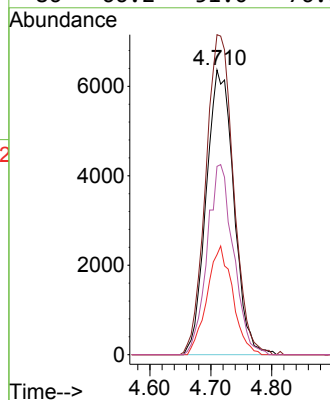
Ion Ratio Lower Upper

84 100

49 112.4 106.9 160.3

51 35.1 33.2 49.8

86 66.2 51.0 76.6



#25

2-Butanone

Concen: 6.708 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016131.D

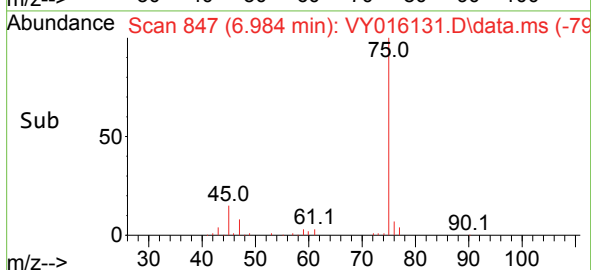
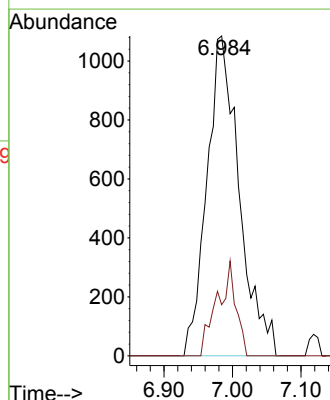
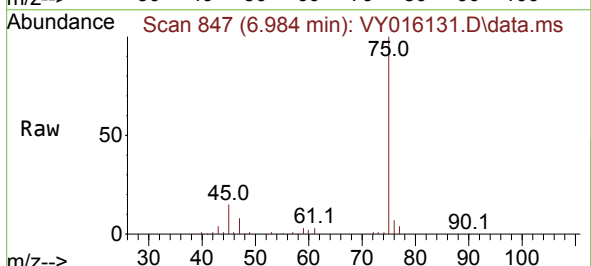
Acq: 30 Oct 2023 14:14

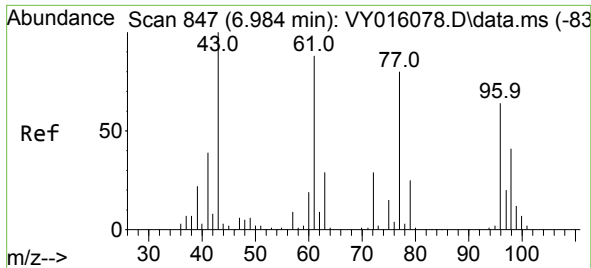
Tgt Ion: 43 Resp: 3563

Ion Ratio Lower Upper

43 100

72 15.9 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 1.281 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016131.D

Acq: 30 Oct 2023 14:14

Instrument :

MSVOA_Y

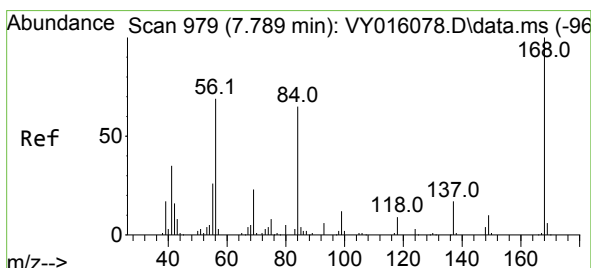
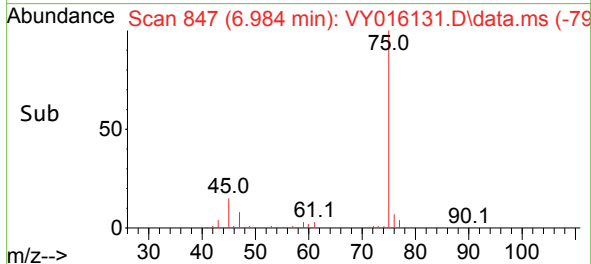
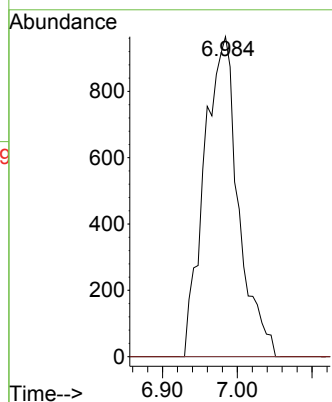
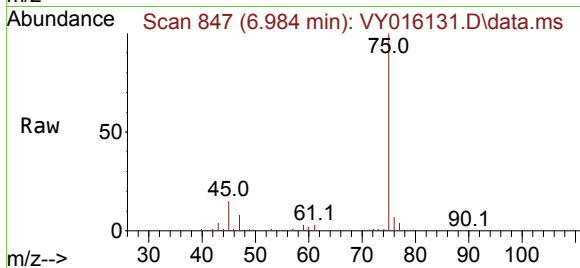
ClientSampleId :

Tgt Ion: 77 Resp: 3060

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.212 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY016131.D

Acq: 30 Oct 2023 14:14

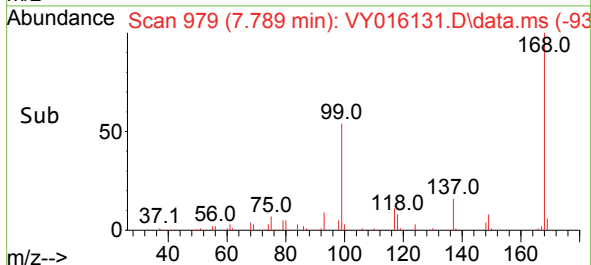
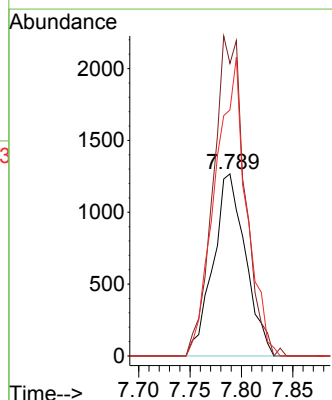
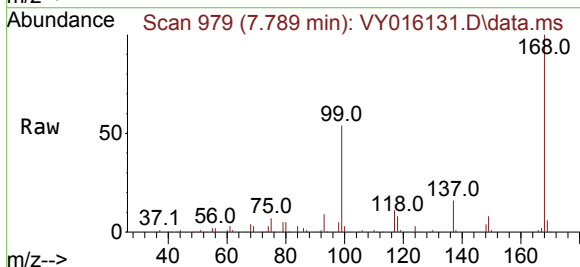
Tgt Ion: 56 Resp: 2769

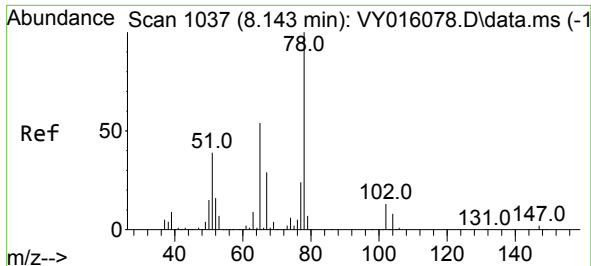
Ion Ratio Lower Upper

56 100

69 160.6 27.8 41.6#

84 135.1 66.4 99.6#

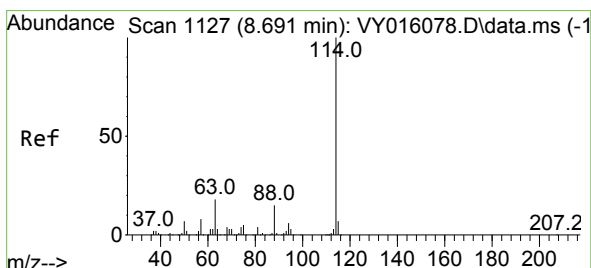
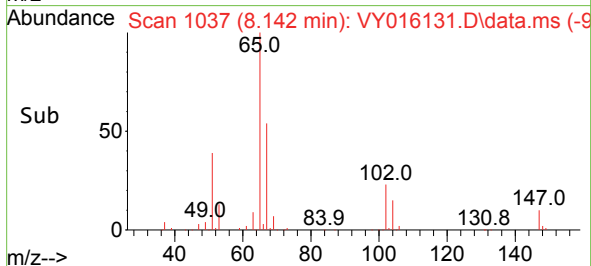
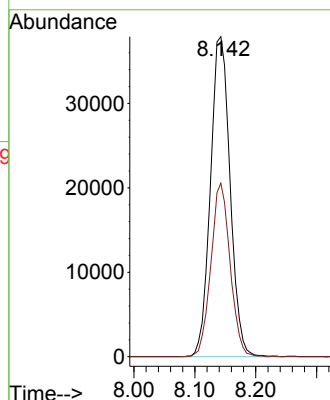
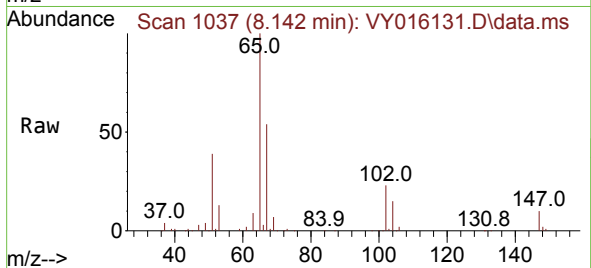




#33
 1,2-Dichloroethane-d4
 Concen: 58.444 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016131.D
 Acq: 30 Oct 2023 14:14

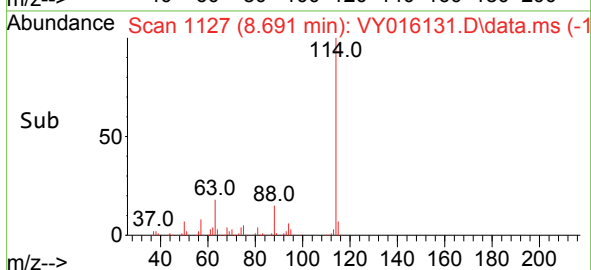
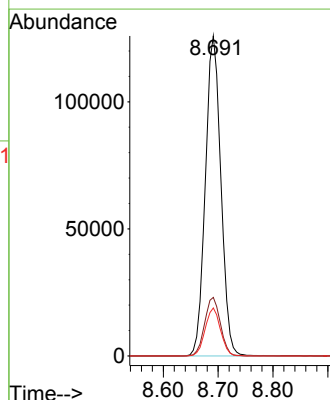
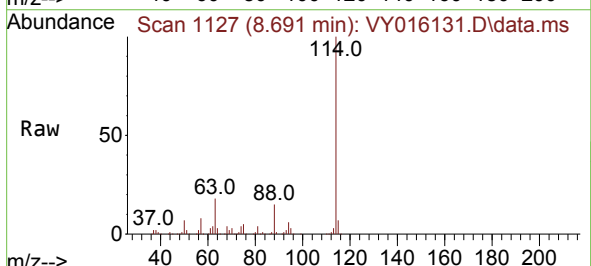
Instrument :
 MSVOA_Y
 ClientSampleId :

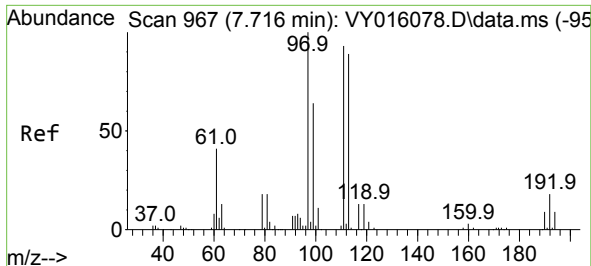
Tgt Ion: 65 Resp: 84858
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016131.D
 Acq: 30 Oct 2023 14:14

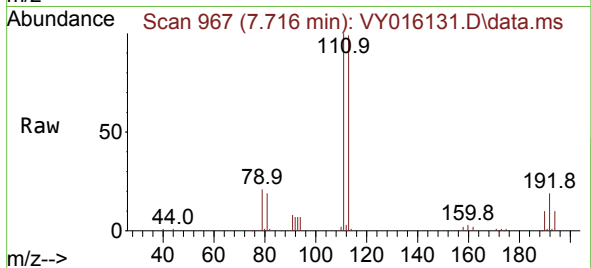
Tgt Ion: 114 Resp: 247216
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 42.4
 88 15.0 0.0 30.6



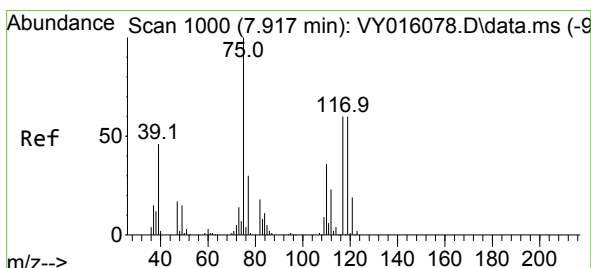
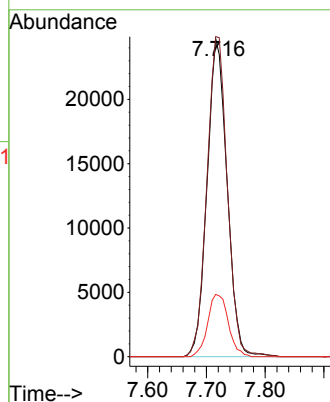
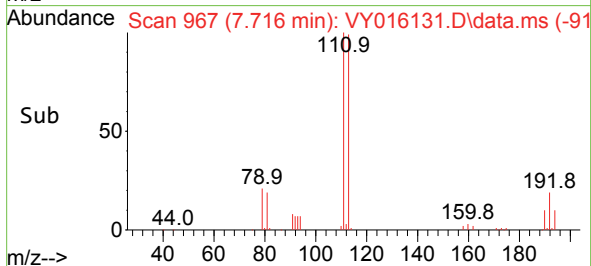


#35
Dibromofluoromethane
Concen: 37.451 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY016131.D
Acq: 30 Oct 2023 14:14

Instrument :
MSVOA_Y
ClientSampleId :

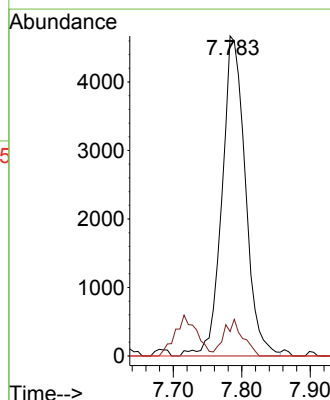
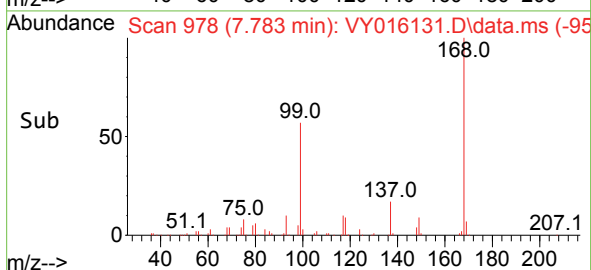
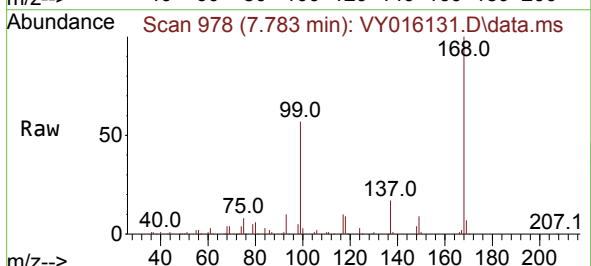


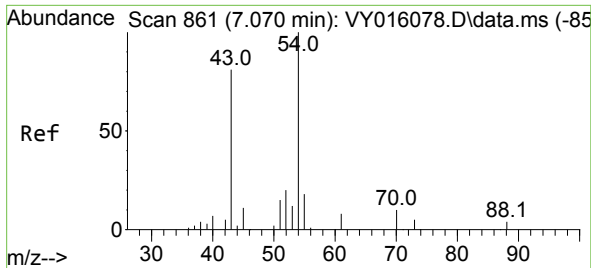
Tgt Ion:113 Resp: 58448
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.077 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY016131.D
Acq: 30 Oct 2023 14:14

Tgt Ion: 75 Resp: 11045
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#

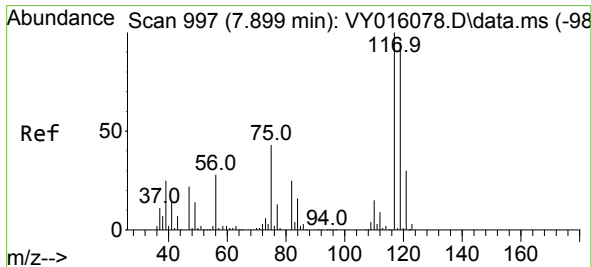
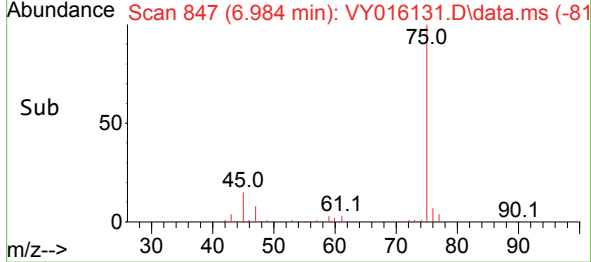
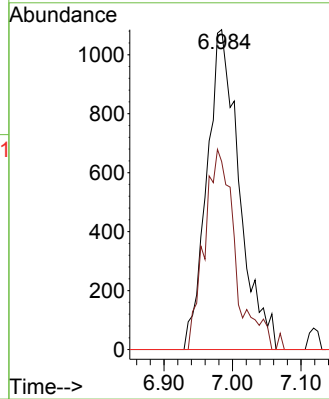
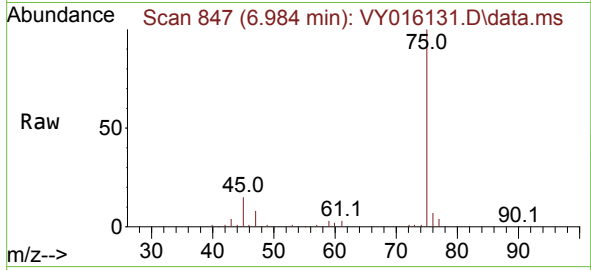




#37
Ethyl Acetate
Concen: 3.195 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.085 min
Lab File: VY016131.D
Acq: 30 Oct 2023 14:14

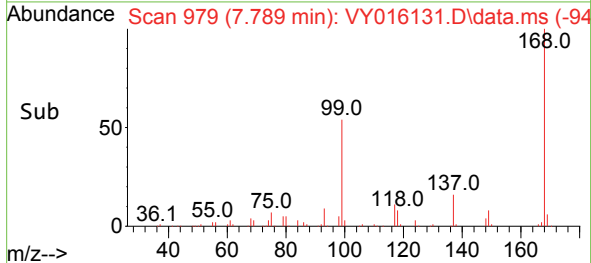
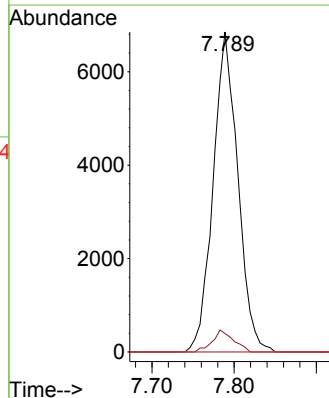
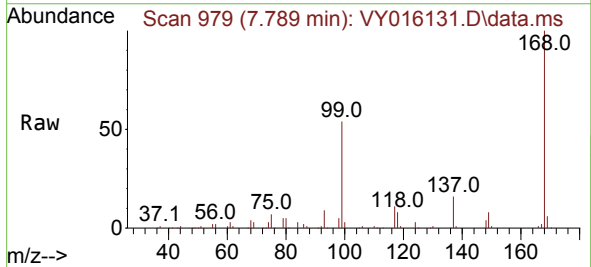
Instrument :
MSVOA_Y
ClientSampleId :

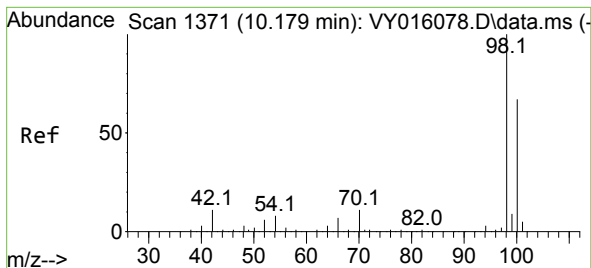
Tgt Ion: 43 Resp: 3563
Ion Ratio Lower Upper
43 100
61 59.2 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY016131.D
Acq: 30 Oct 2023 14:14

Tgt Ion: 117 Resp: 14279
Ion Ratio Lower Upper
117 100
119 5.7 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.057 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY016131.D

Acq: 30 Oct 2023 14:14

Instrument :

MSVOA_Y

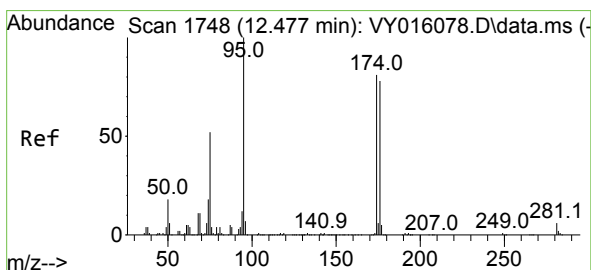
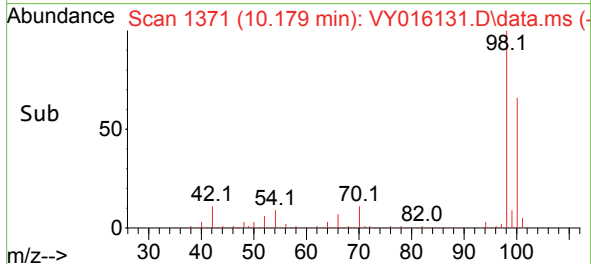
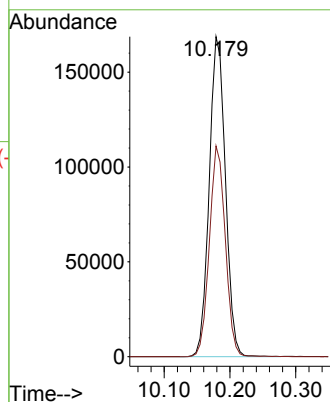
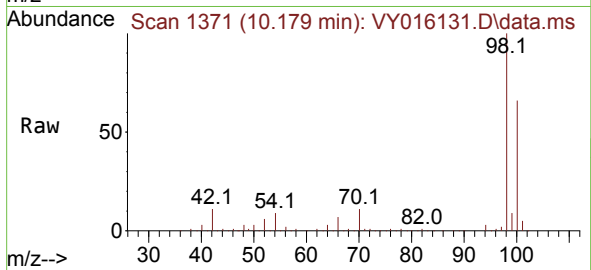
ClientSampleId :

Tgt Ion: 98 Resp: 289380

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.684 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016131.D

Acq: 30 Oct 2023 14:14

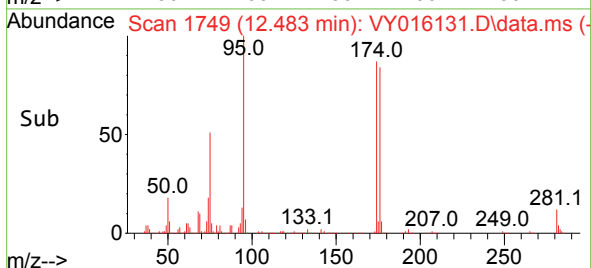
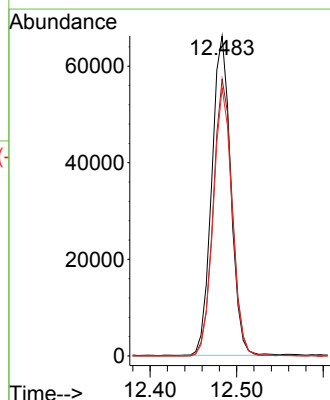
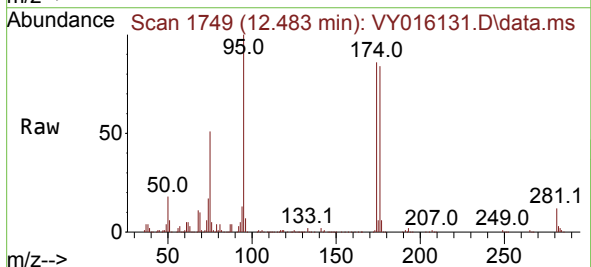
Tgt Ion: 95 Resp: 100508

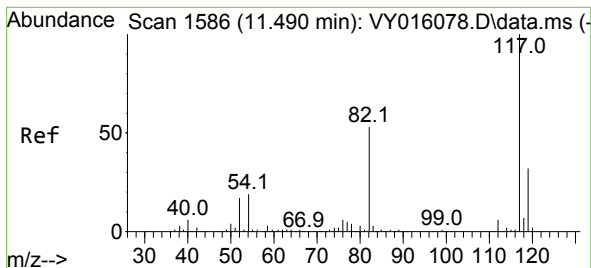
Ion Ratio Lower Upper

95 100

174 87.3 0.0 178.2

176 83.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016131.D

Acq: 30 Oct 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

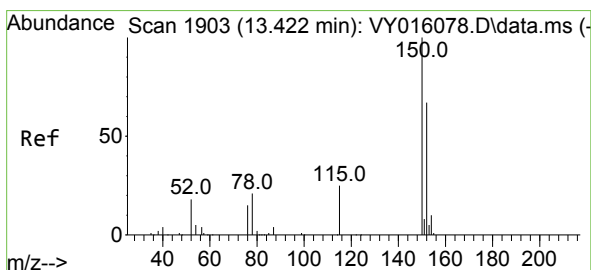
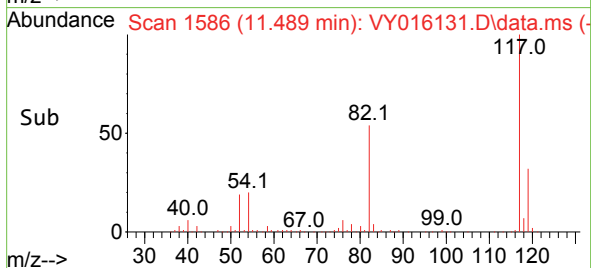
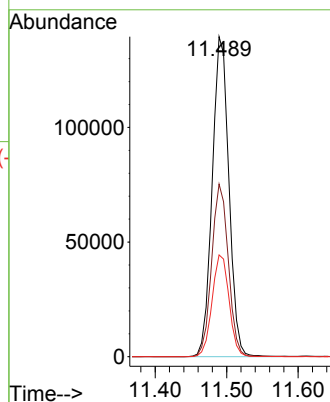
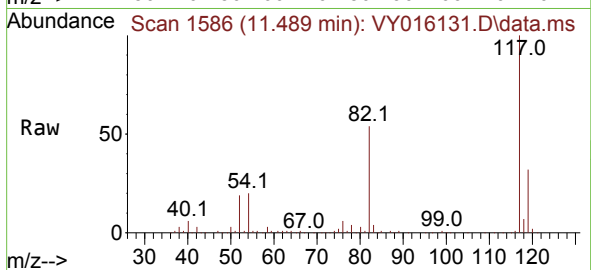
Tgt Ion:117 Resp: 225916

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 31.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016131.D

Acq: 30 Oct 2023 14:14

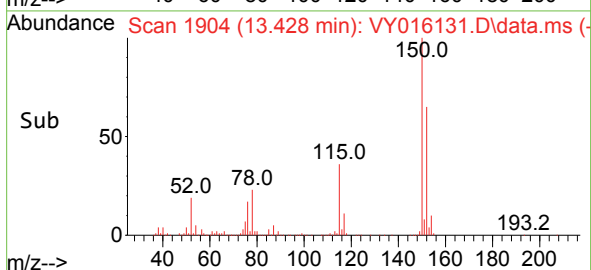
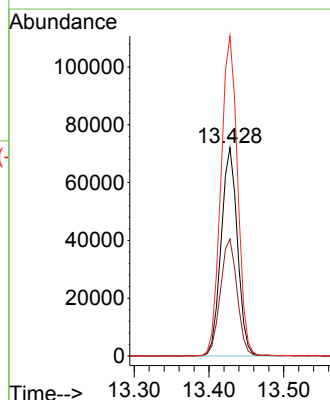
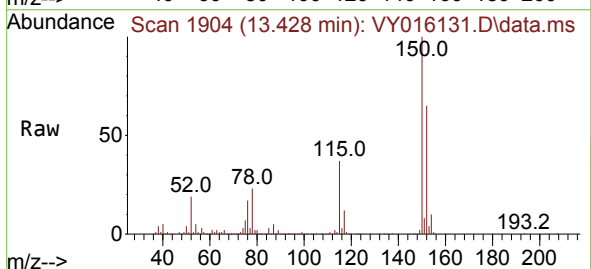
Tgt Ion:152 Resp: 109839

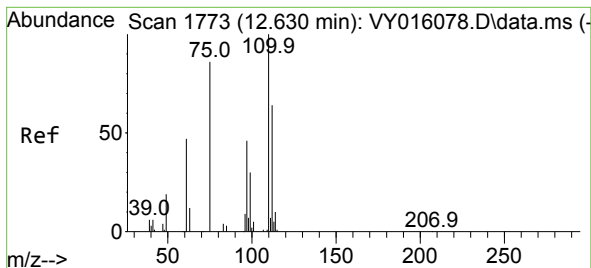
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.4 0.0 348.8

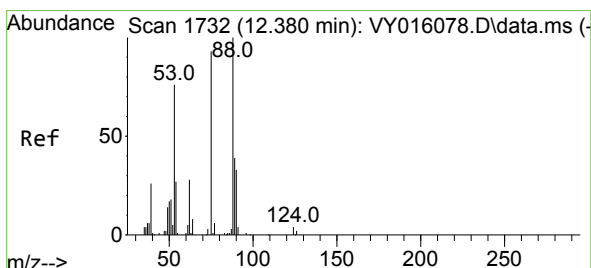
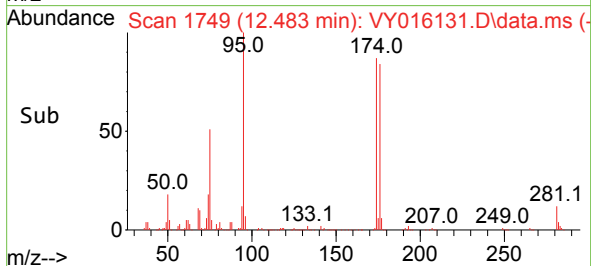
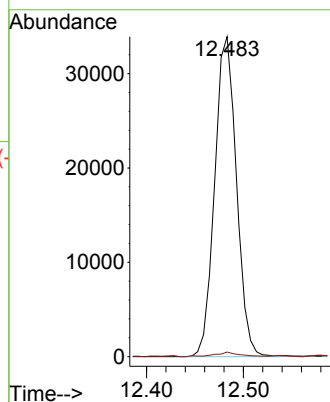
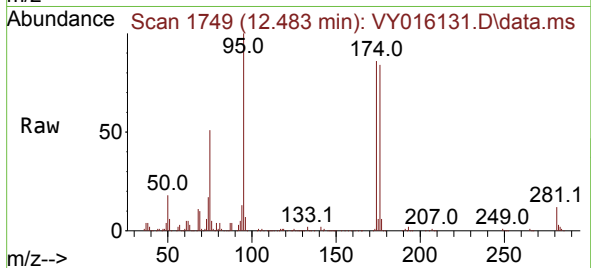




#76
1,2,3-Trichloropropane
Concen: 47.165 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016131.D
Acq: 30 Oct 2023 14:14

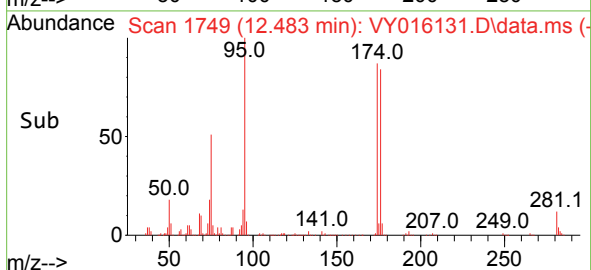
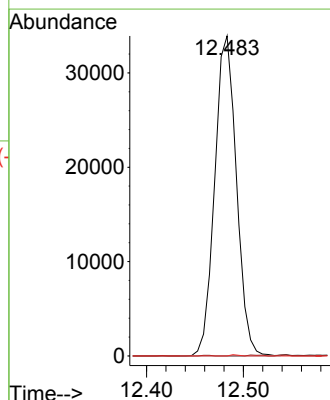
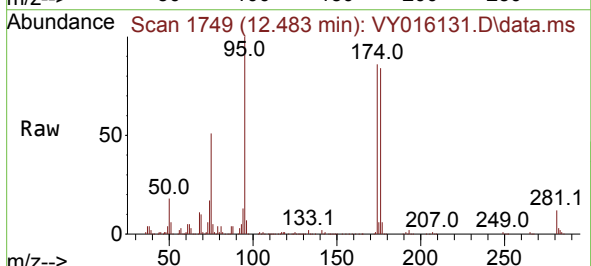
Instrument :
MSVOA_Y
ClientSampleId :

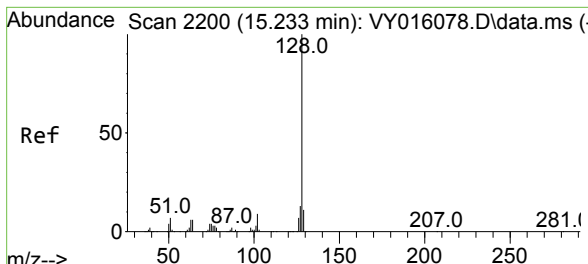
Tgt Ion: 75 Resp: 52891
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.494 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016131.D
Acq: 30 Oct 2023 14:14

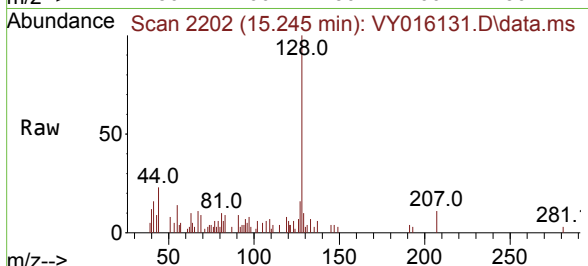
Tgt Ion: 75 Resp: 52891
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#





#95
 Naphthalene
 Concen: 1.137 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY016131.D
 Acq: 30 Oct 2023 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	4423
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.8	16.2
129	16.3	8.6	13.0

