

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018081.D
 Acq On : 29 Apr 2024 20:17
 Operator : SY/MD
 Sample : P2309-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 30 01:04:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

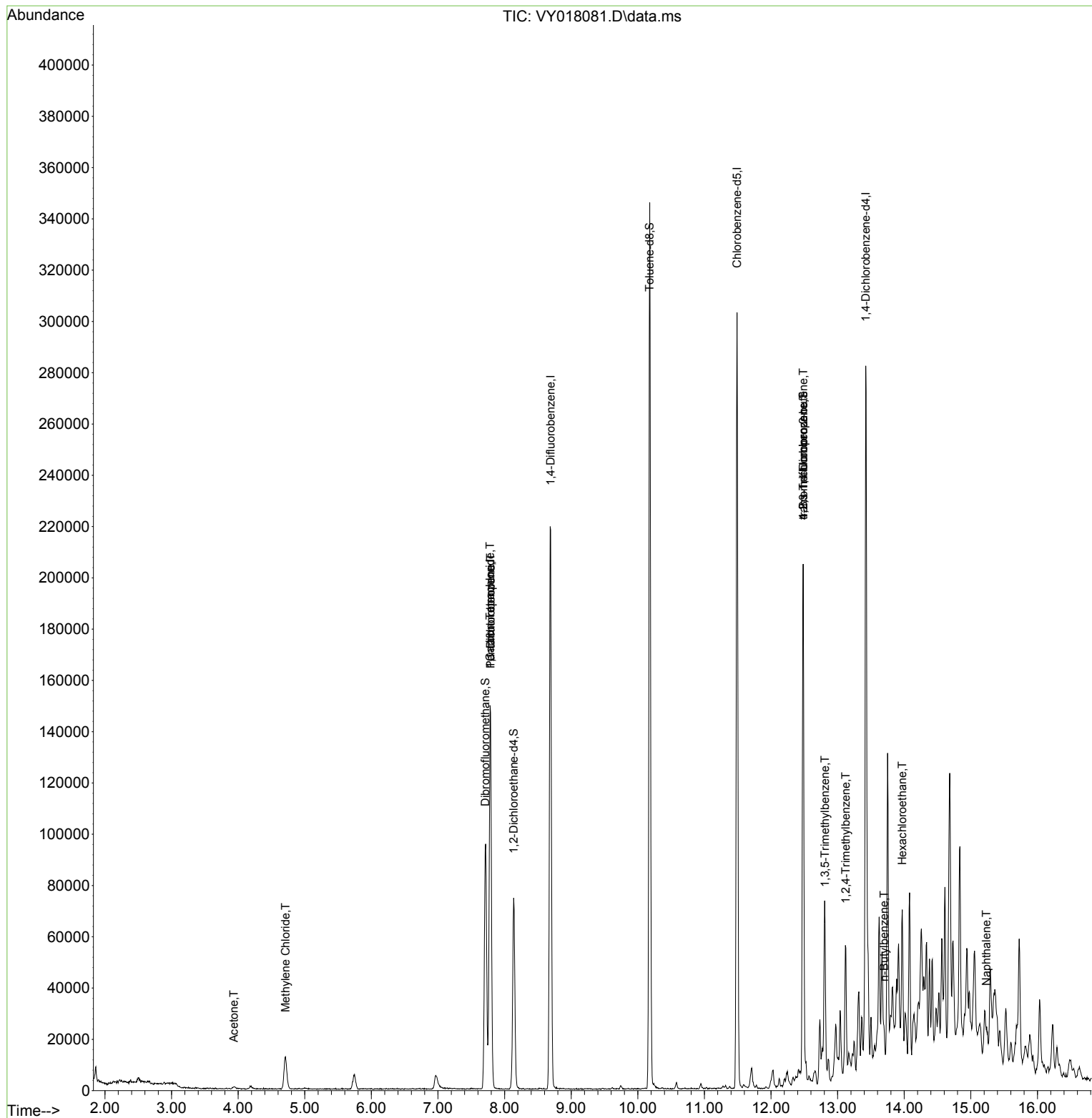
Internal Standards						
1) Pentafluorobenzene	7.789	168	130592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	187645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54959	48.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.260%
35) Dibromofluoromethane	7.710	113	72059	54.699	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.400%
50) Toluene-d8	10.179	98	239535	47.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.483	95	61604	39.793	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	232	Below Cal	#	88
16) Acetone	3.936	43	1503	6.731	ug/l #	82
20) Methylene Chloride	4.710	84	10982	7.259	ug/l	89
36) 1,1-Dichloropropene	7.789	75	8608	4.493	ug/l #	47
38) Carbon Tetrachloride	7.783	117	11064	5.716	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	28575	39.895	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	9514	2.157	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	28575	82.256	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.123	105	28528	6.496	ug/l	96
89) n-Butylbenzene	13.696	91	5588	1.195	ug/l #	76
90) Hexachloroethane	13.971	117	2429	2.383	ug/l #	12
95) Naphthalene	15.233	128	3823	1.729	ug/l #	89

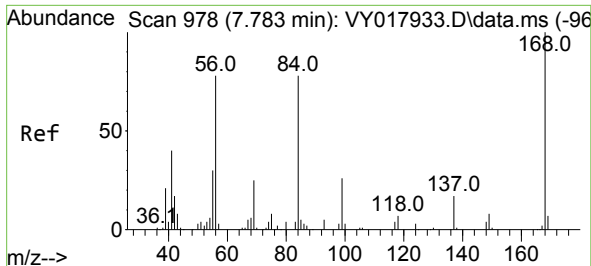
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
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Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
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MSVOA_Y
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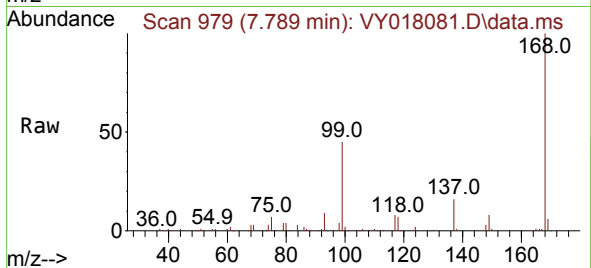
Quant Time: Apr 30 01:04:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration



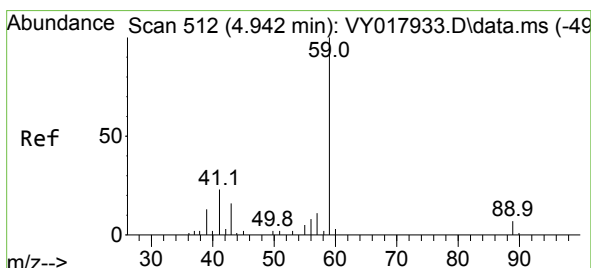
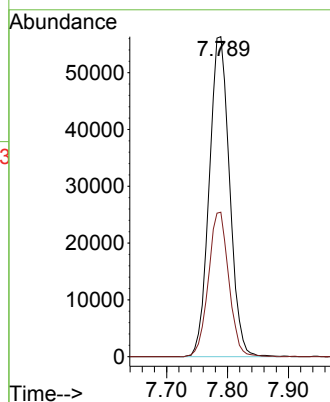
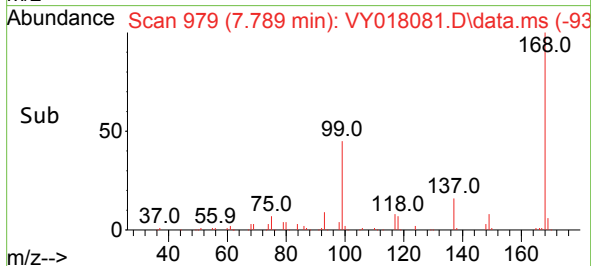


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :

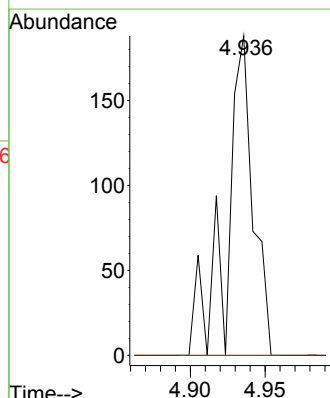
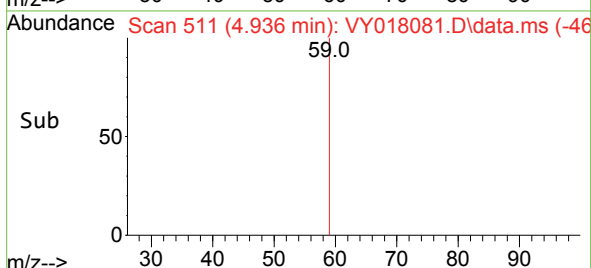
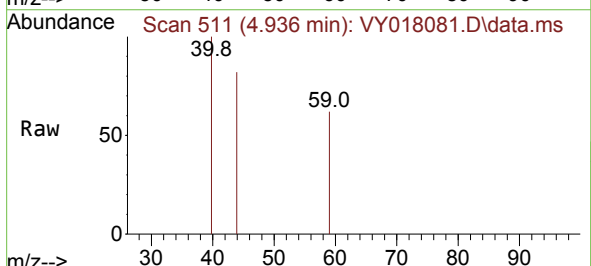


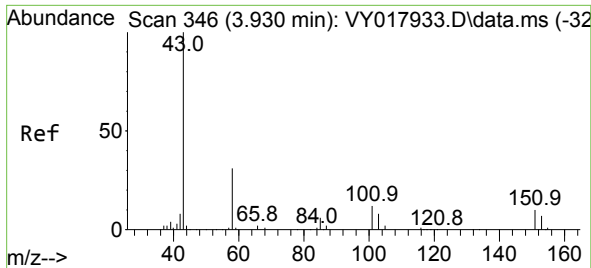
Tgt Ion:168 Resp: 130592
Ion Ratio Lower Upper
168 100
99 45.1 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Tgt Ion: 59 Resp: 232
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 6.731 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY018081.D

Acq: 29 Apr 2024 20:17

Instrument :

MSVOA_Y

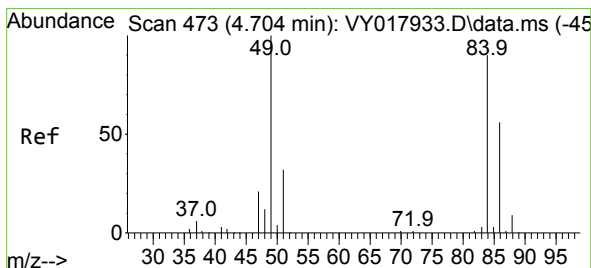
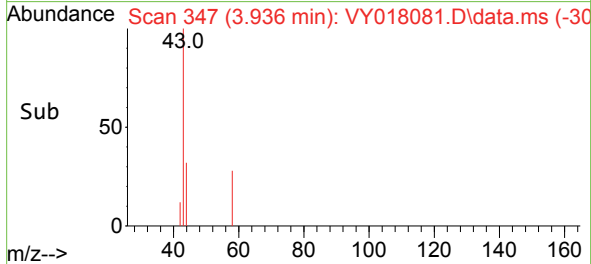
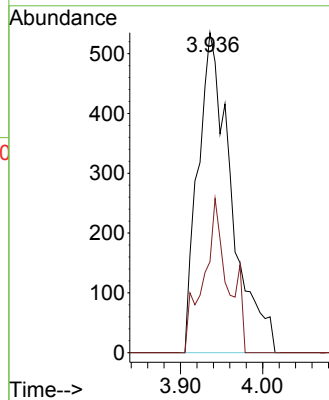
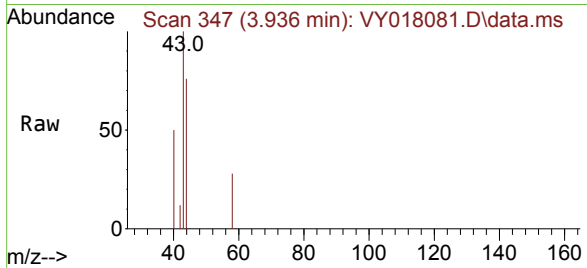
ClientSampleId :

Tgt Ion: 43 Resp: 1503

Ion Ratio Lower Upper

43 100

58 28.4 31.7 47.5#



#20

Methylene Chloride

Concen: 7.259 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY018081.D

Acq: 29 Apr 2024 20:17

Tgt Ion: 84 Resp: 10982

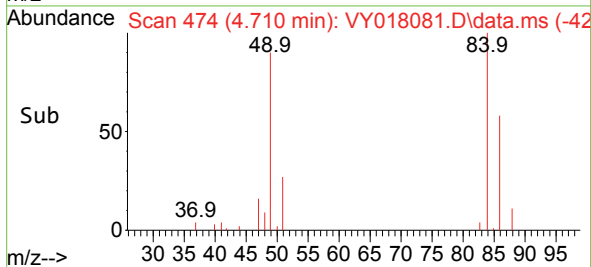
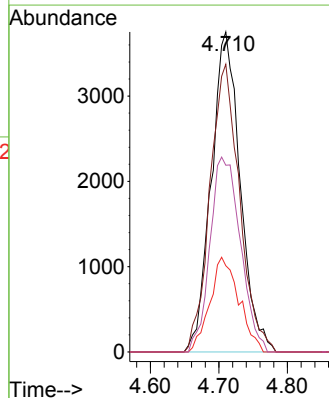
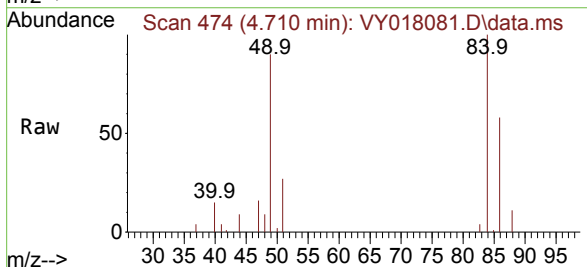
Ion Ratio Lower Upper

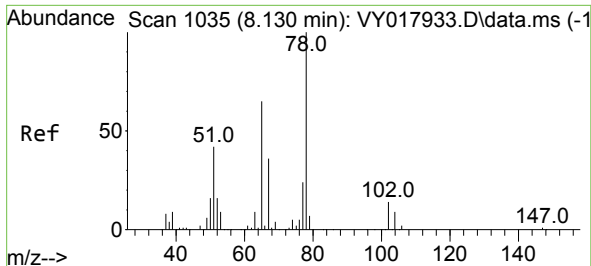
84 100

49 89.9 84.4 126.6

51 26.9 26.0 39.0

86 58.4 49.5 74.3

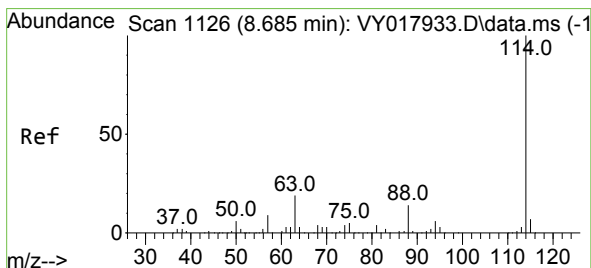
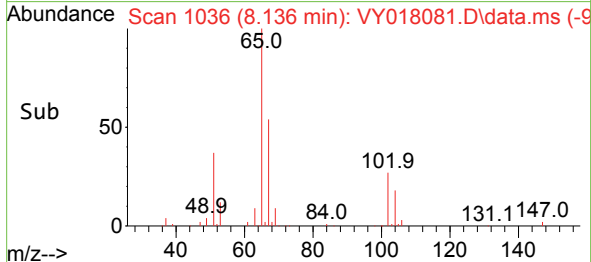
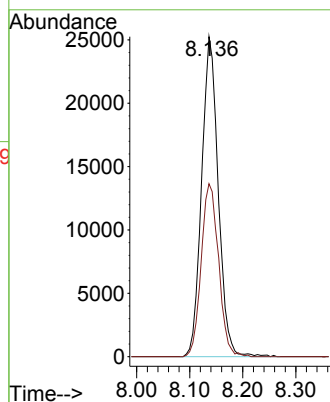
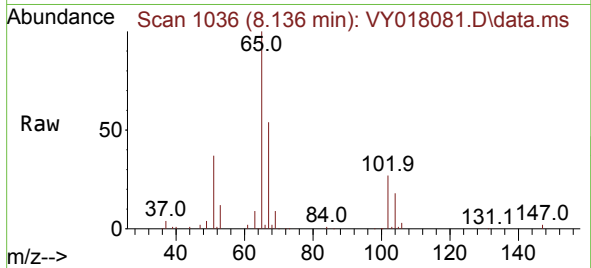




#33
 1,2-Dichloroethane-d4
 Concen: 48.632 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY018081.D
 Acq: 29 Apr 2024 20:17

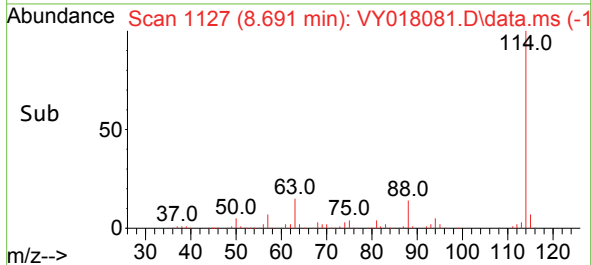
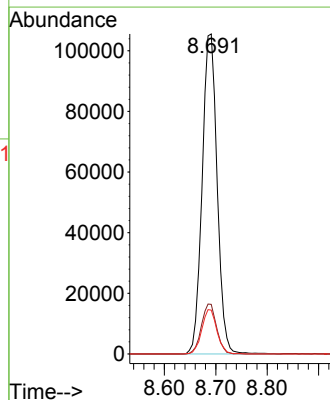
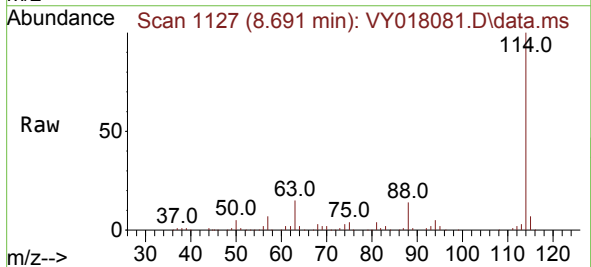
Instrument :
 MSVOA_Y
 ClientSampleId :

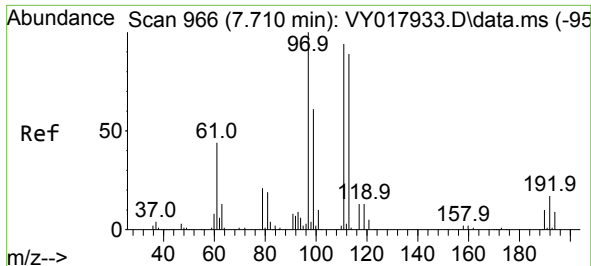
Tgt Ion: 65 Resp: 54959
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY018081.D
 Acq: 29 Apr 2024 20:17

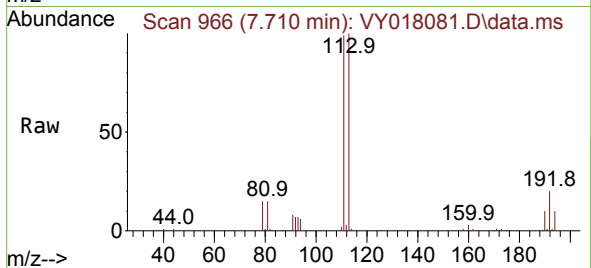
Tgt Ion: 114 Resp: 213533
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 35.0
 88 13.7 0.0 27.2



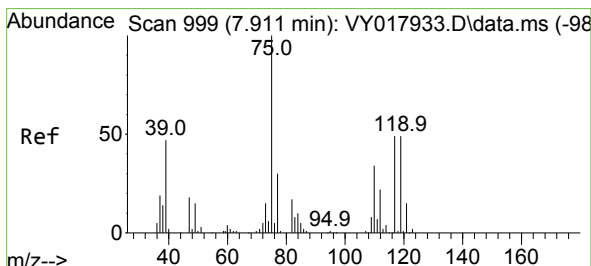
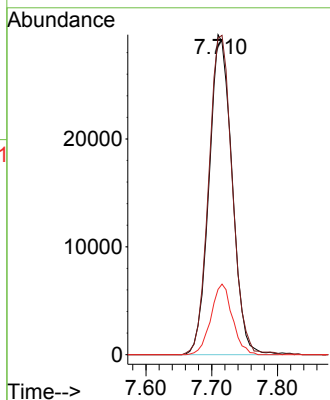
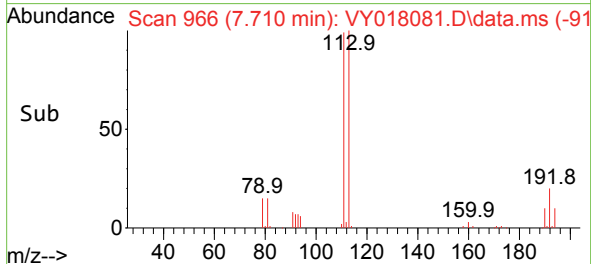


#35
Dibromofluoromethane
Concen: 54.699 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

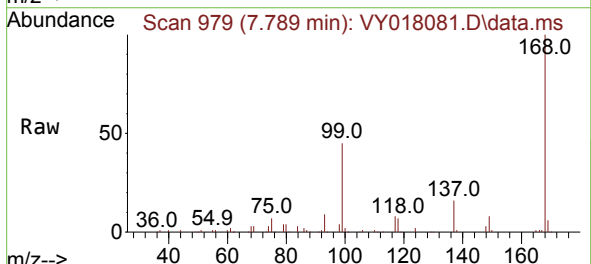
Instrument :
MSVOA_Y
ClientSampleId :



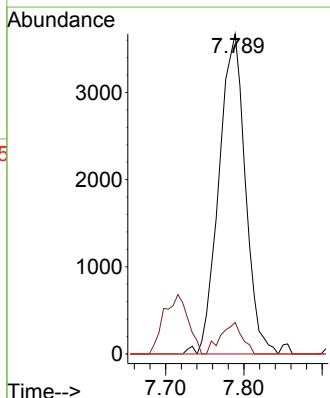
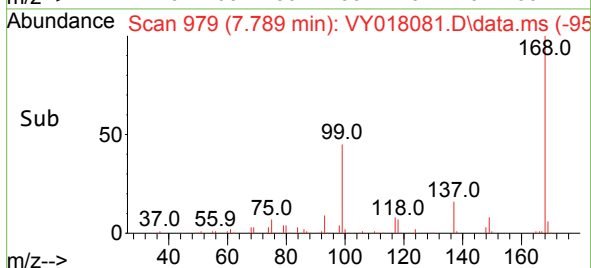
Tgt Ion:113 Resp: 72059
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 20.6 15.9 23.9

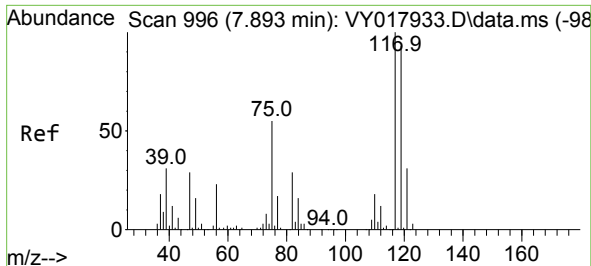


#36
1,1-Dichloropropene
Concen: 4.493 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17



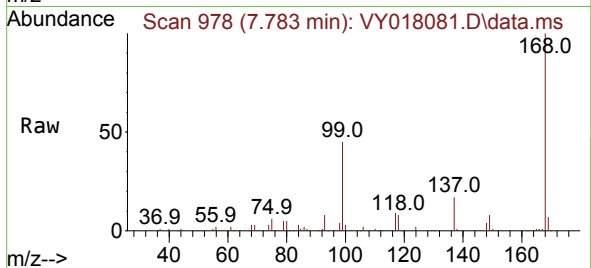
Tgt Ion: 75 Resp: 8608
Ion Ratio Lower Upper
75 100
110 8.0 19.0 57.0#
77 0.0 25.3 37.9#



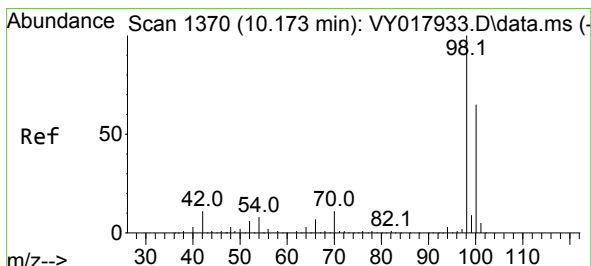
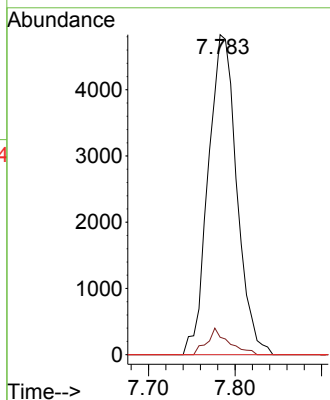
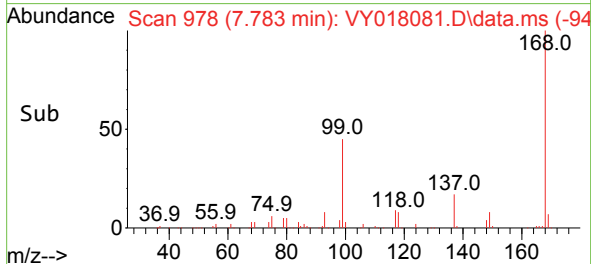


#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :

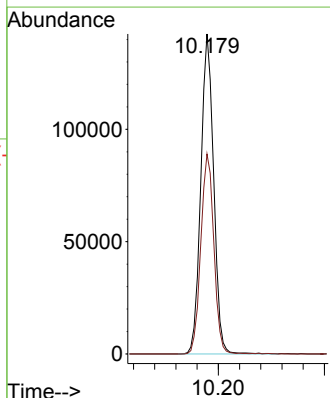
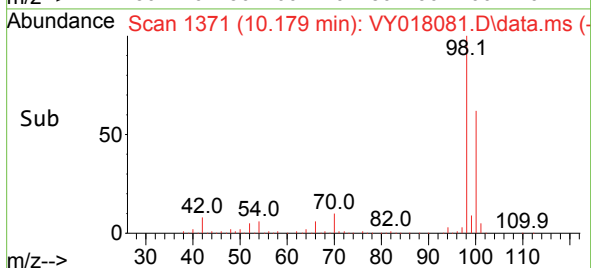
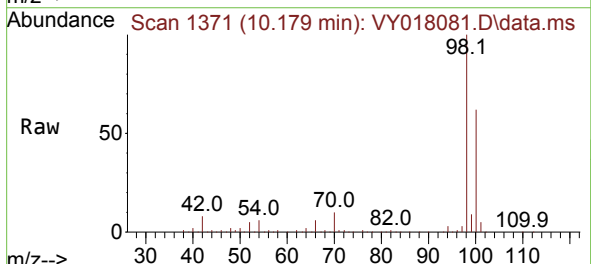


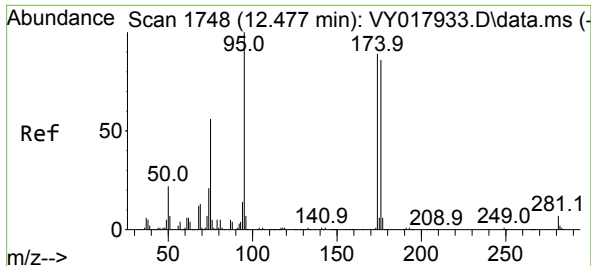
Tgt Ion:117 Resp: 11064
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.919 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

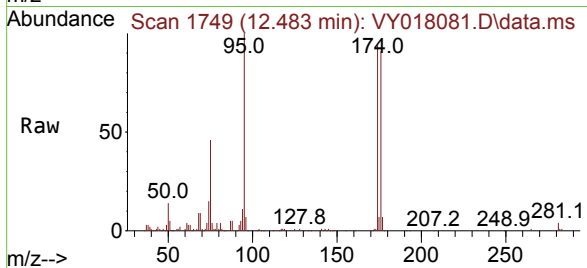
Tgt Ion: 98 Resp: 239535
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



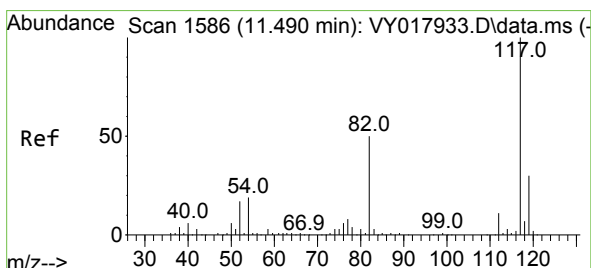
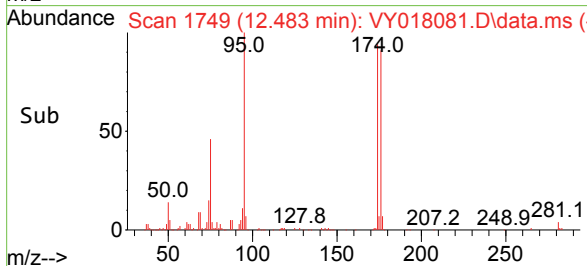
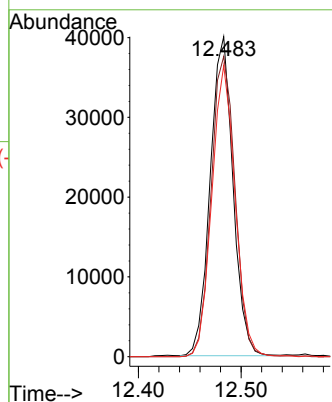


#62
4-Bromofluorobenzene
Concen: 39.793 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :

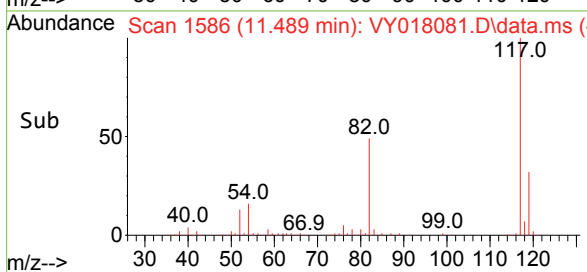
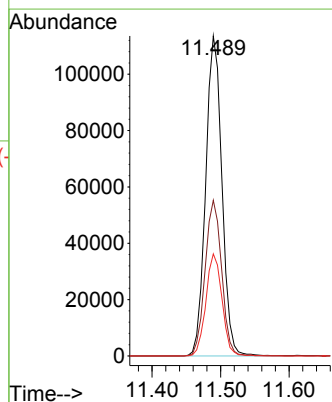
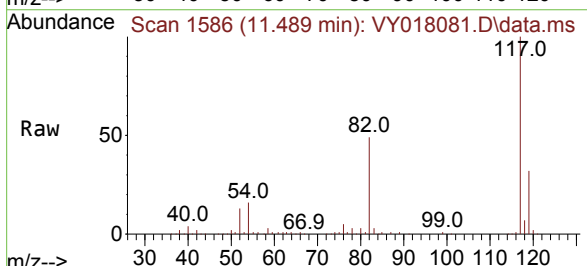


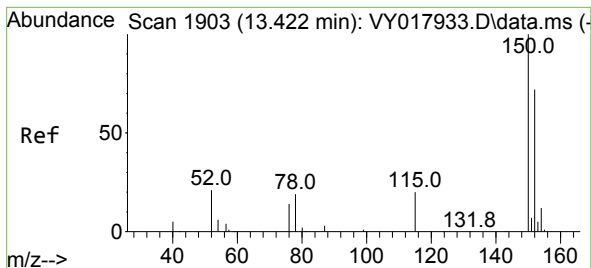
Tgt Ion: 95 Resp: 61604
Ion Ratio Lower Upper
95 100
174 98.4 0.0 175.6
176 93.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

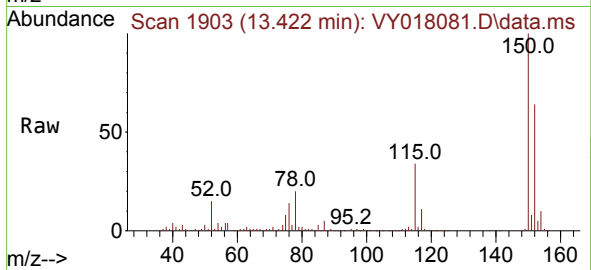
Tgt Ion: 117 Resp: 187645
Ion Ratio Lower Upper
117 100
82 48.7 42.4 63.6
119 31.9 25.9 38.9



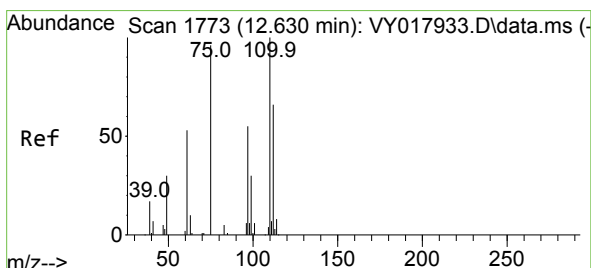
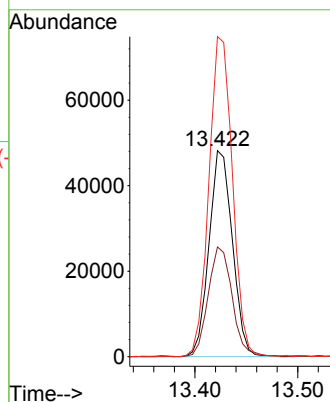
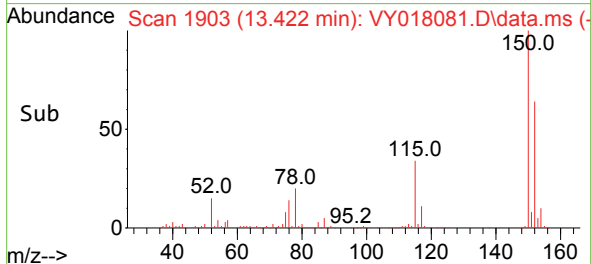


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

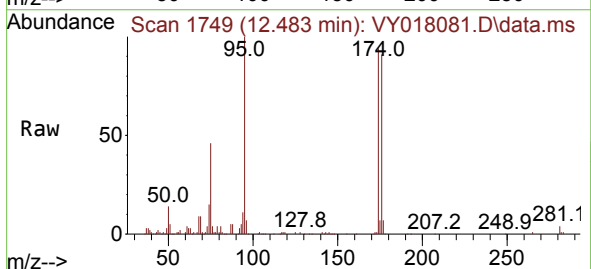
Instrument :
MSVOA_Y
ClientSampleId :



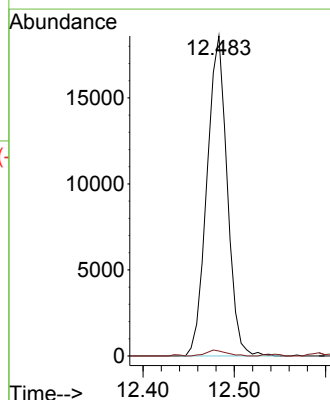
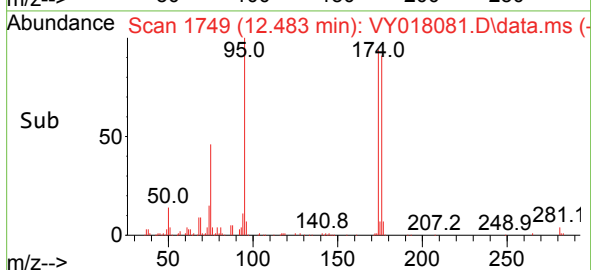
Tgt Ion:152 Resp: 76329
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 155.6 0.0 345.6

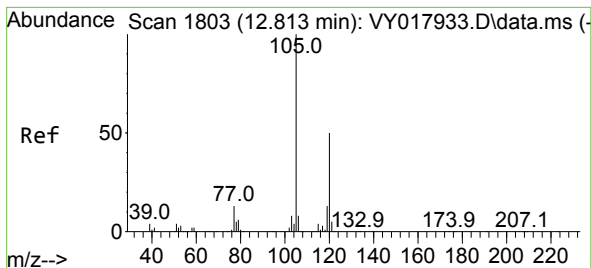


#76
1,2,3-Trichloropropane
Concen: 39.895 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17



Tgt Ion: 75 Resp: 28575
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 2.157 ug/l

RT: 12.812 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018081.D

Acq: 29 Apr 2024 20:17

Instrument :

MSVOA_Y

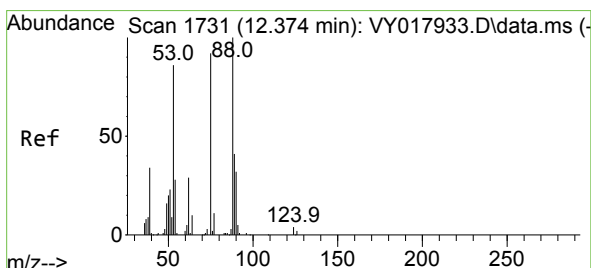
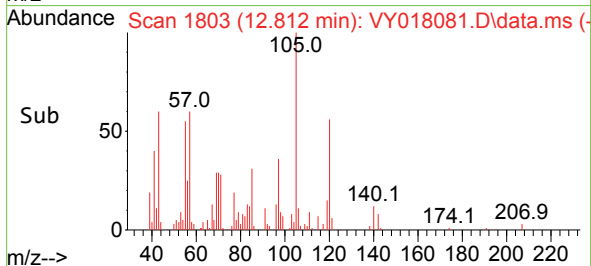
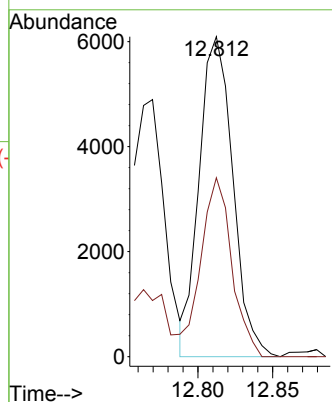
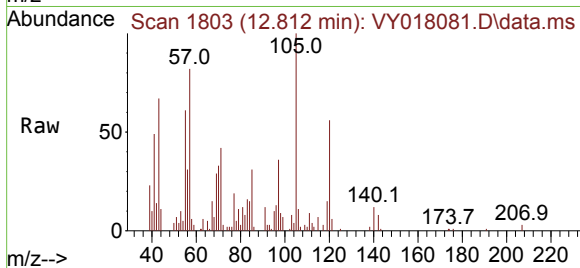
ClientSampleId :

Tgt Ion:105 Resp: 9514

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 82.256 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018081.D

Acq: 29 Apr 2024 20:17

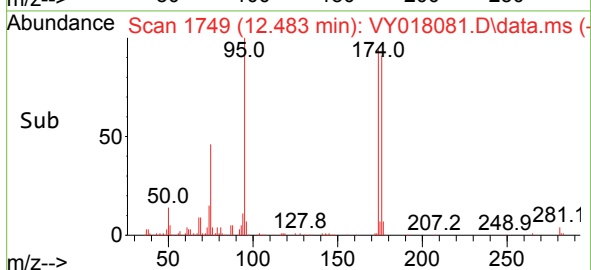
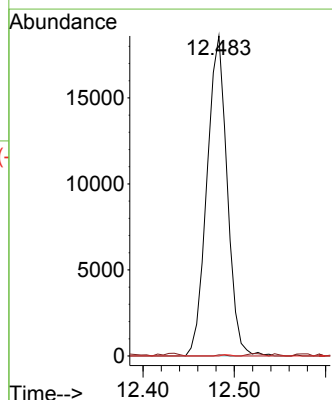
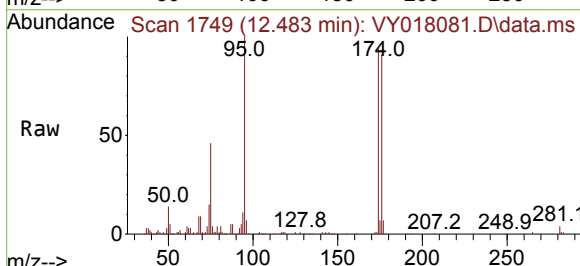
Tgt Ion: 75 Resp: 28575

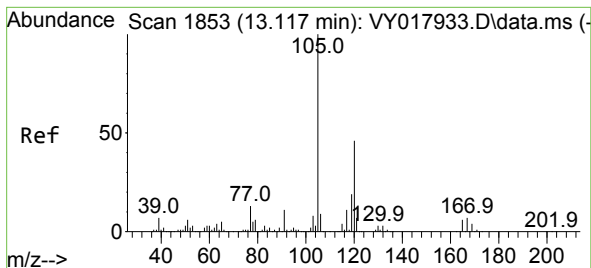
Ion Ratio Lower Upper

75 100

53 0.2 66.8 100.2#

89 0.2 35.8 53.6#





#84

1,2,4-Trimethylbenzene

Concen: 6.496 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018081.D

Acq: 29 Apr 2024 20:17

Instrument :

MSVOA_Y

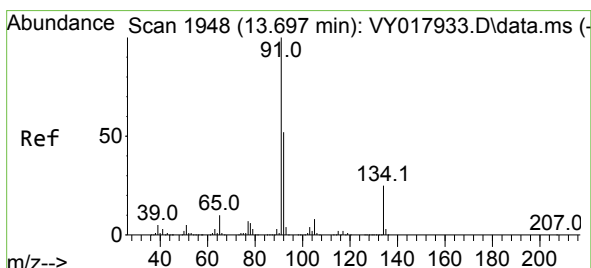
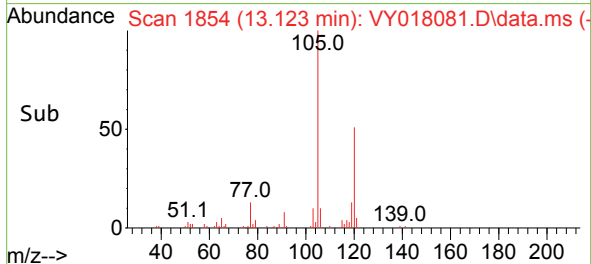
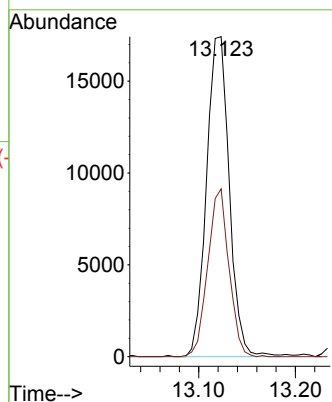
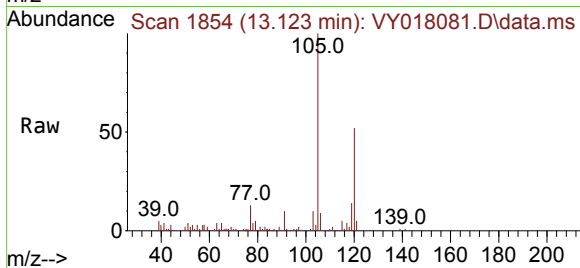
ClientSampleId :

Tgt Ion:105 Resp: 28528

Ion Ratio Lower Upper

105 100

120 48.8 23.2 69.6



#89

n-Butylbenzene

Concen: 1.195 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018081.D

Acq: 29 Apr 2024 20:17

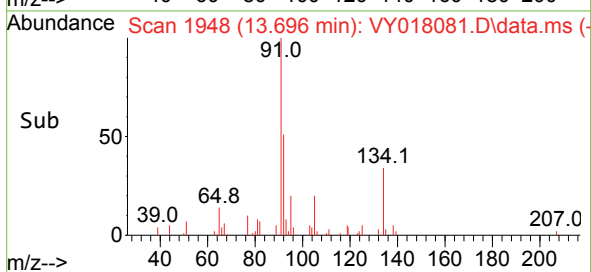
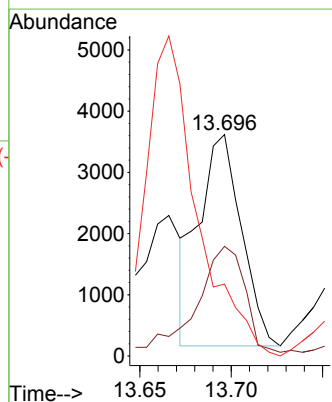
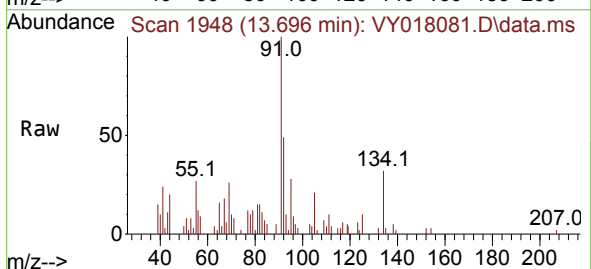
Tgt Ion: 91 Resp: 5588

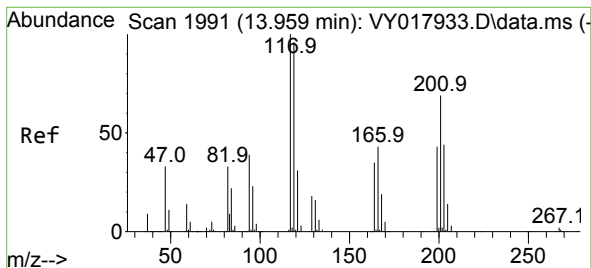
Ion Ratio Lower Upper

91 100

92 60.8 26.6 79.7

134 0.0 12.9 38.7#





#90

Hexachloroethane

Concen: 2.383 ug/l

RT: 13.971 min Scan# 1991

Delta R.T. 0.012 min

Lab File: VY018081.D

Acq: 29 Apr 2024 20:17

Instrument :

MSVOA_Y

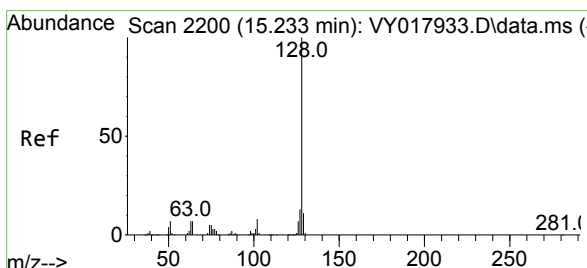
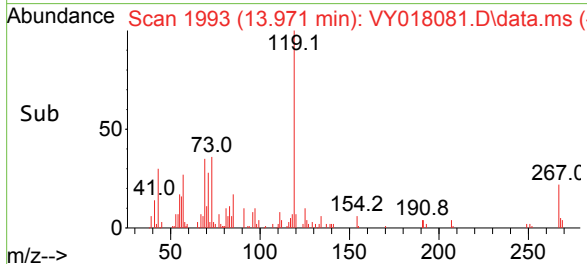
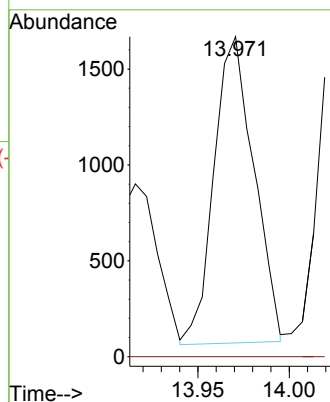
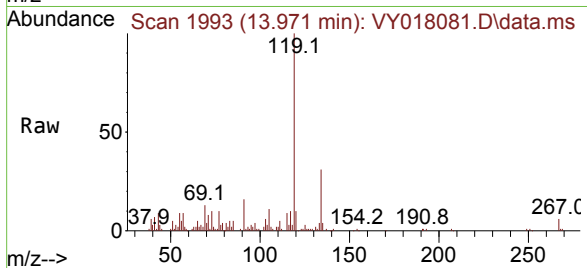
ClientSampleId :

Tgt Ion:117 Resp: 2429

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#95

Naphthalene

Concen: 1.729 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018081.D

Acq: 29 Apr 2024 20:17

Tgt Ion:128 Resp: 3823

Ion Ratio Lower Upper

128 100

127 20.4 10.6 16.0#

129 12.0 8.6 13.0

