

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016129.D
 Acq On : 30 Oct 2023 13:26
 Operator : SY/MD
 Sample : 05048-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 01:29:24 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)

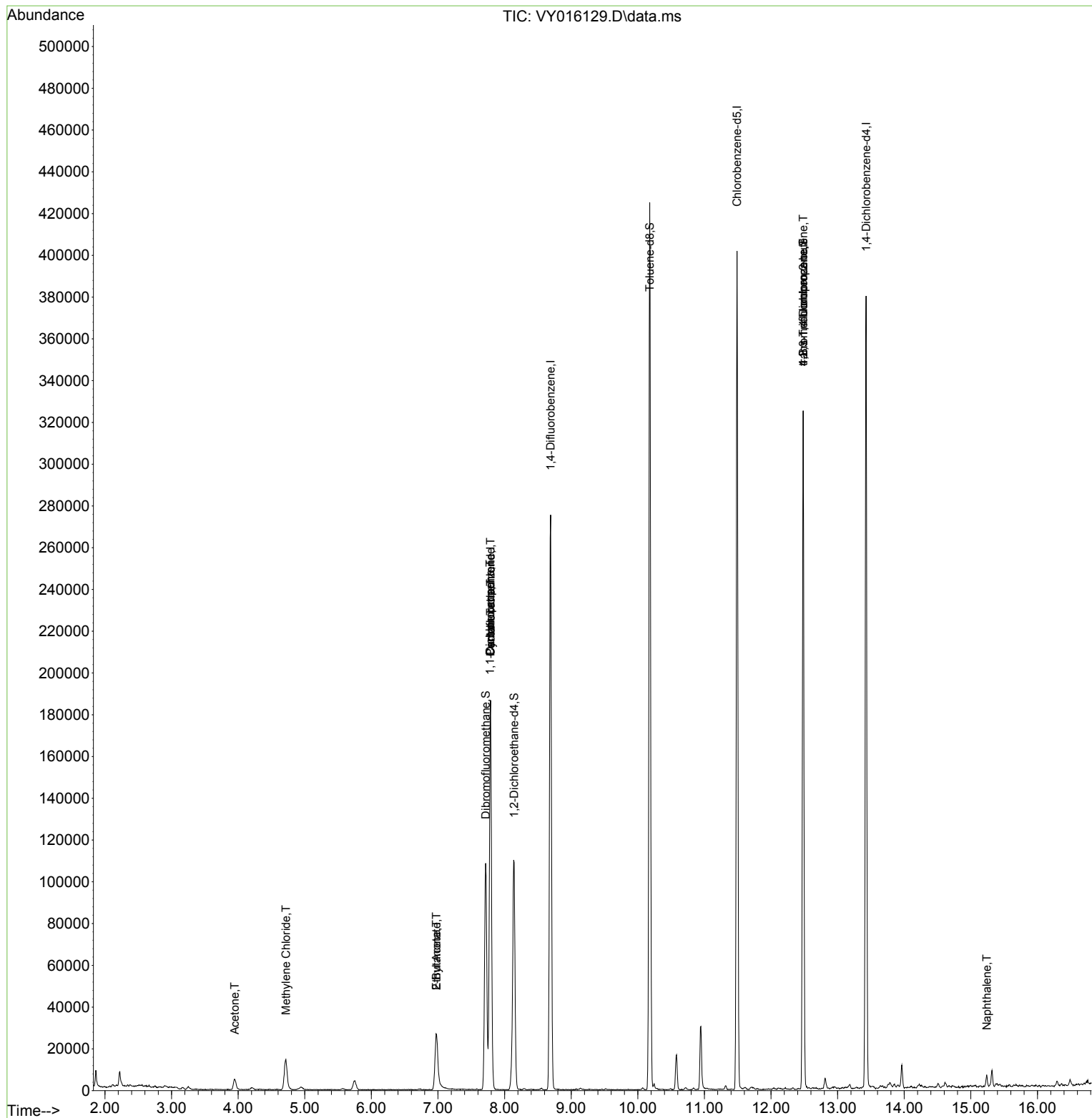
Internal Standards						
1) Pentafluorobenzene	7.789	168	146605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	219139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83394	57.206	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.420%			
35) Dibromofluoromethane	7.716	113	77386	50.458	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.920%			
50) Toluene-d8	10.179	98	281789	49.602	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.200%			
62) 4-Bromofluorobenzene	12.483	95	94073	48.274	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.540%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	2528	Below Cal	#	89
16) Acetone	3.948	43	9622	24.352	ug/l	97
20) Methylene Chloride	4.716	84	11209	1.644	ug/l	88
25) 2-Butanone	6.978	43	3381	6.340	ug/l #	78
31) Cyclohexane	7.789	56	2780	1.212	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11176	5.228	ug/l #	51
37) Ethyl Acetate	6.978	43	3381	3.086	ug/l #	47
38) Carbon Tetrachloride	7.789	117	14057	6.218	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	49135	48.111	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49135	104.550	ug/l #	10
95) Naphthalene	15.239	128	4403	1.242	ug/l	99

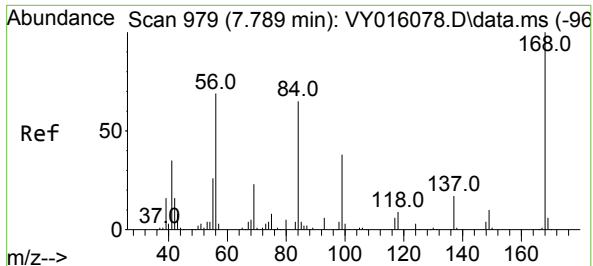
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
Data File : VY016129.D
Acq On : 30 Oct 2023 13:26
Operator : SY/MD
Sample : 05048-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

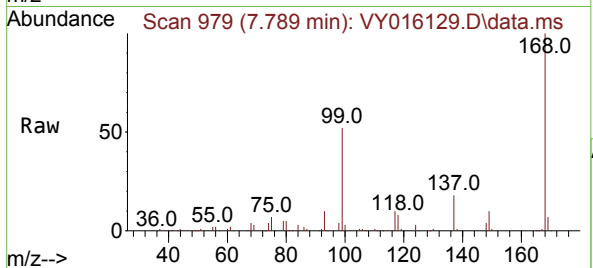
Quant Time: Oct 31 01:29:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



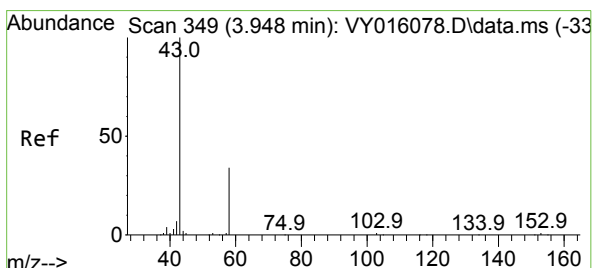
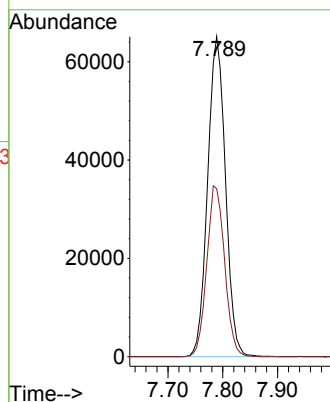
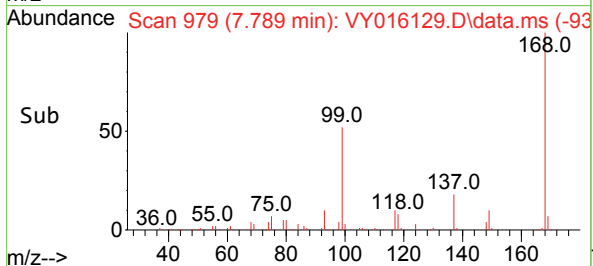


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

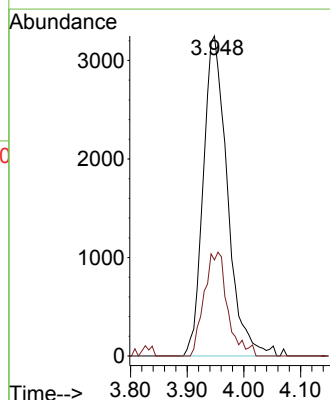
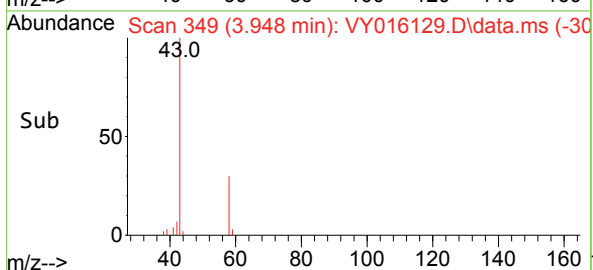
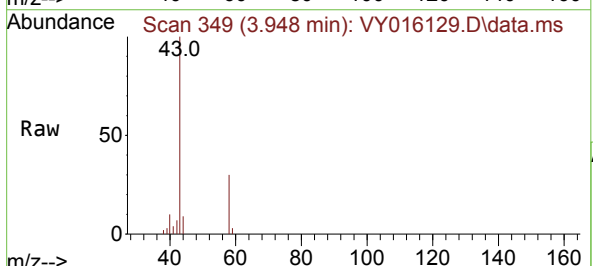


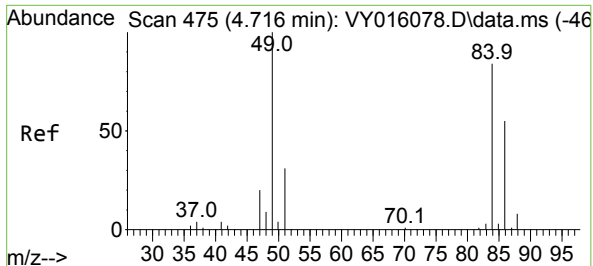
Tgt Ion:168 Resp: 146605
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#16
Acetone
Concen: 24.352 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

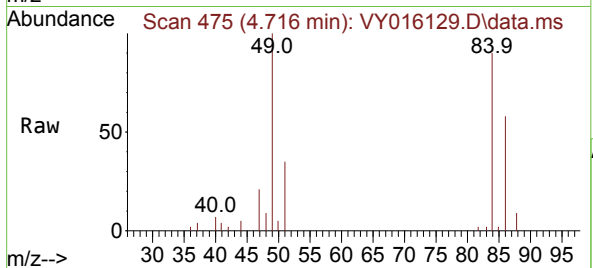
Tgt Ion: 43 Resp: 9622
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1



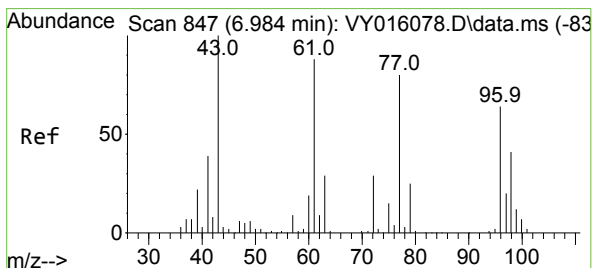
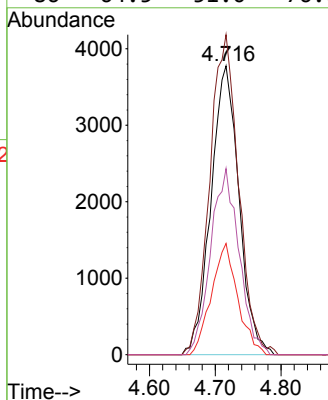
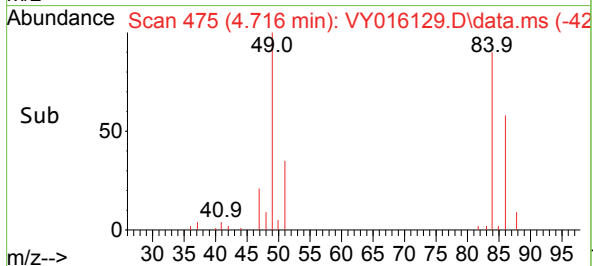


#20
Methylene Chloride
Concen: 1.644 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

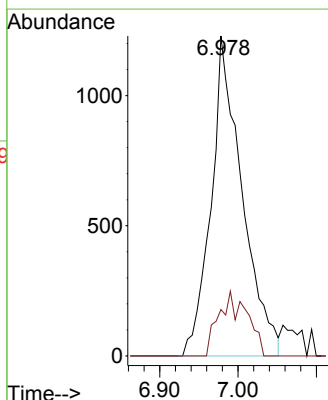
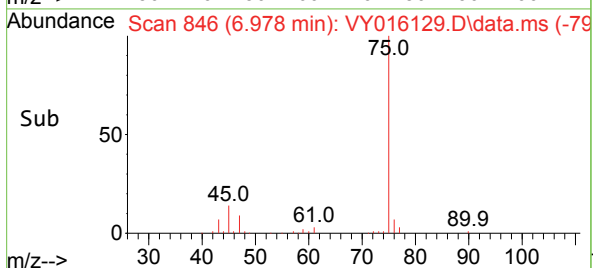
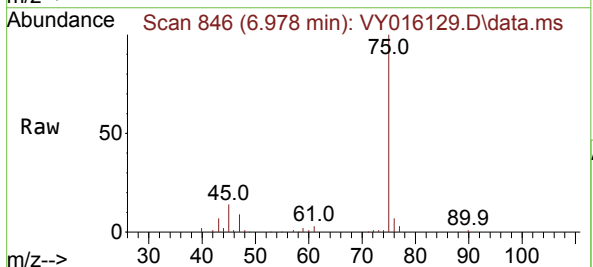


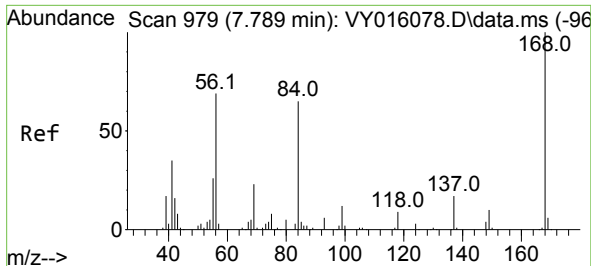
Tgt Ion: 84	Resp: 11209
Ion Ratio	Lower Upper
84 100	
49 110.8	106.9 160.3
51 38.5	33.2 49.8
86 64.5	51.0 76.6



#25
2-Butanone
Concen: 6.340 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

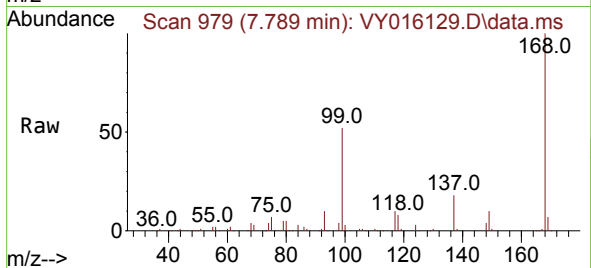
Tgt Ion: 43	Resp: 3381		
Ion Ratio	Lower	Upper	
43 100			
72 14.5	20.5	30.7#	



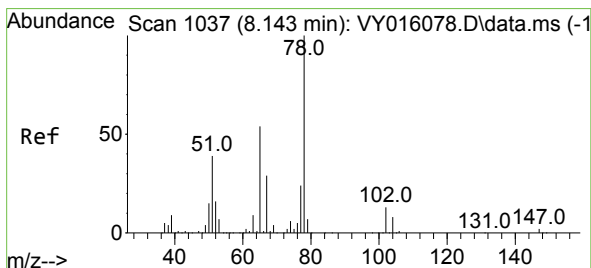
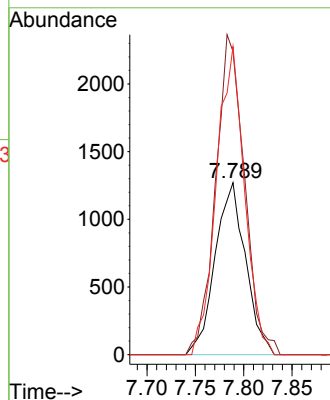
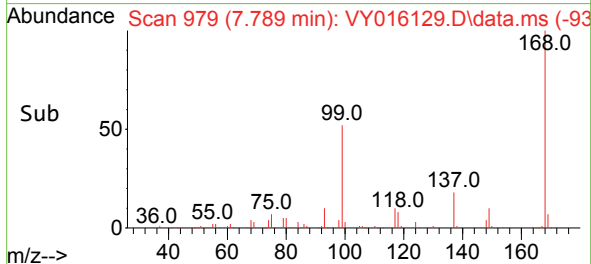


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

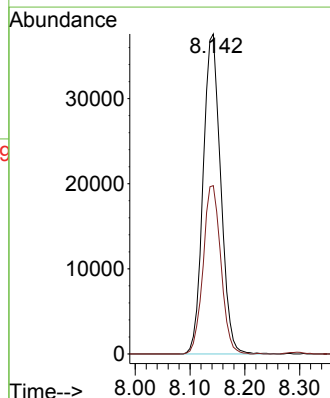
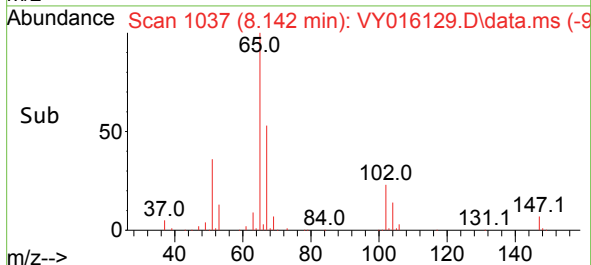
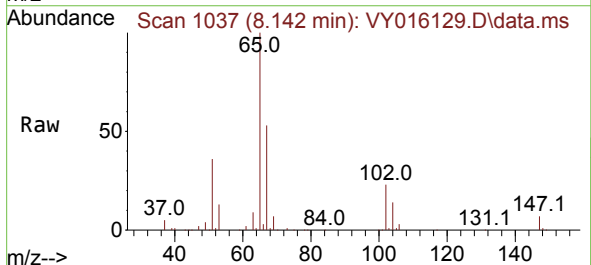


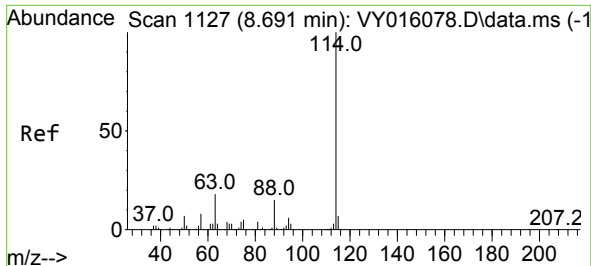
Tgt Ion: 56 Resp: 2780
Ion Ratio Lower Upper
56 100
69 176.2 27.8 41.6#
84 179.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.206 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

Tgt Ion: 65 Resp: 83394
Ion Ratio Lower Upper
65 100
67 53.1 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: VY016129.D

Acq: 30 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

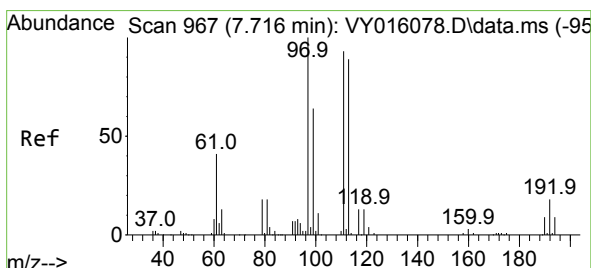
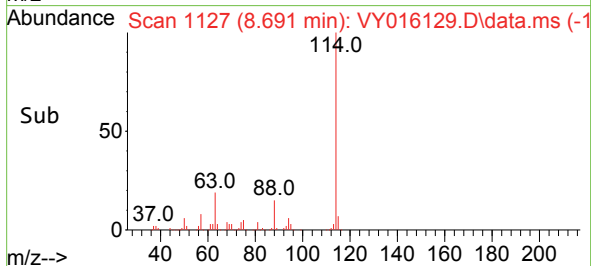
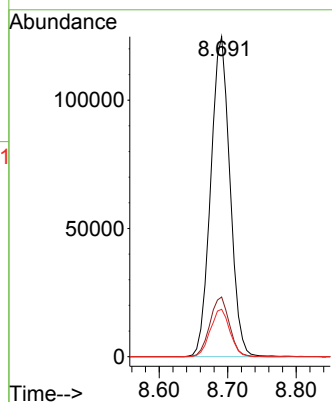
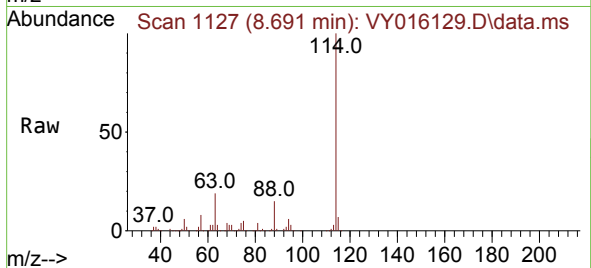
Tgt Ion:114 Resp: 242941

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.458 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY016129.D

Acq: 30 Oct 2023 13:26

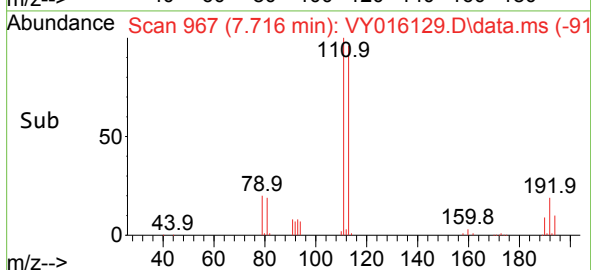
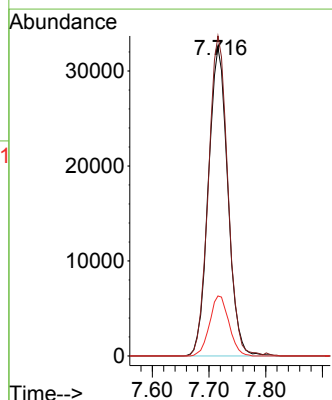
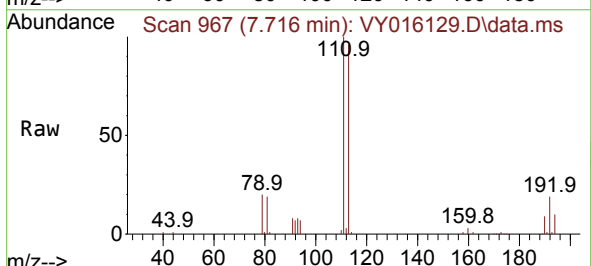
Tgt Ion:113 Resp: 77386

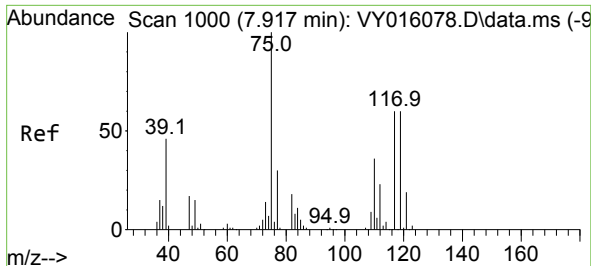
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

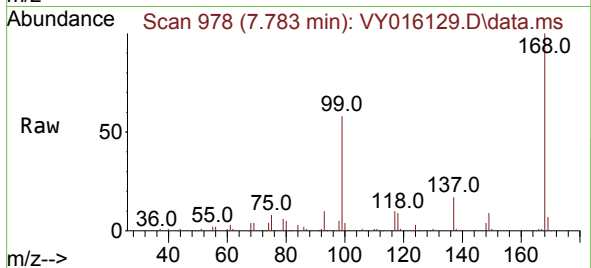
192 19.3 16.9 25.3



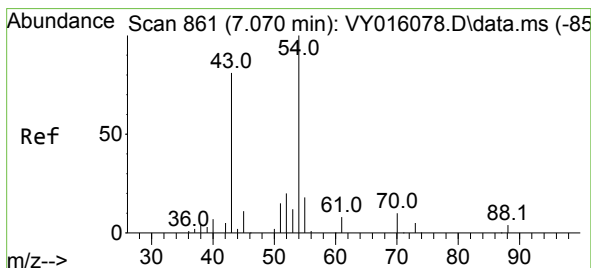
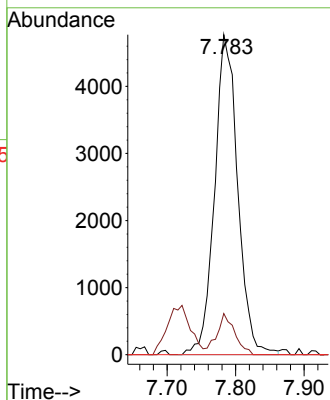
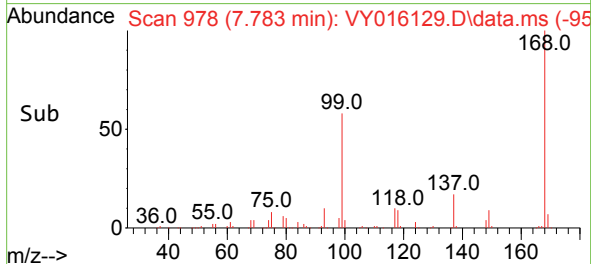


#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

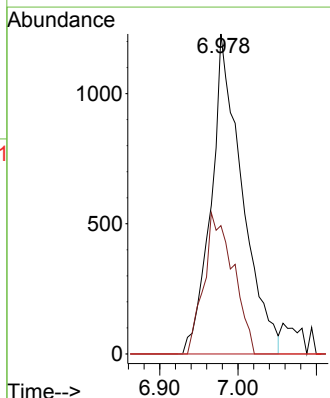
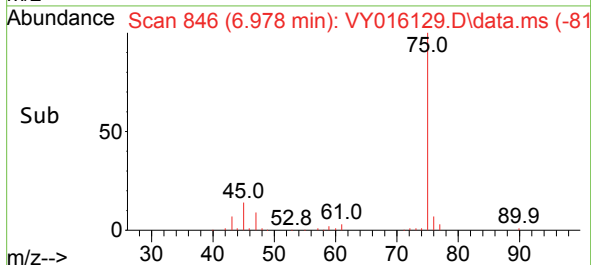
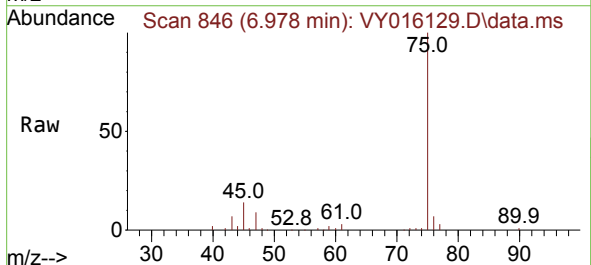


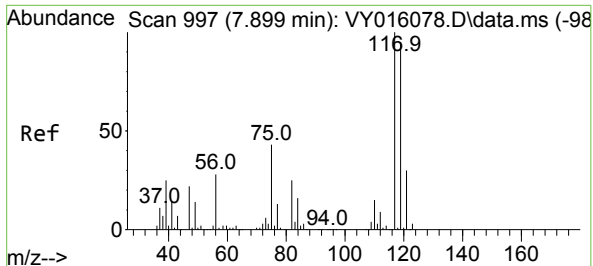
Tgt Ion: 75 Resp: 11176
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.086 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

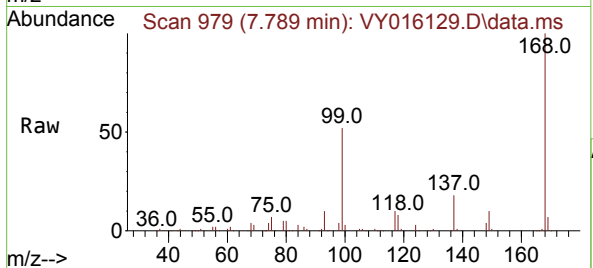
Tgt Ion: 43 Resp: 3381
Ion Ratio Lower Upper
43 100
61 41.6 10.1 15.1#
70 0.0 7.1 10.7#



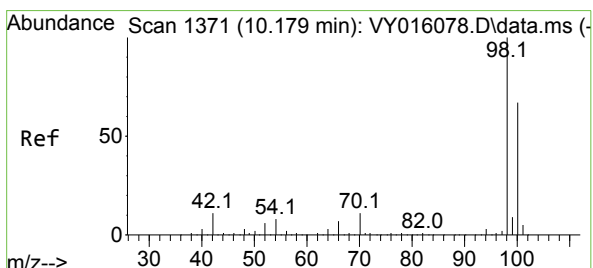
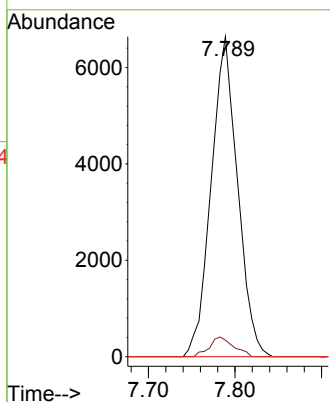
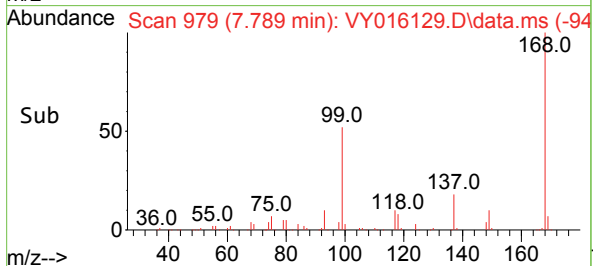


#38
Carbon Tetrachloride
Concen: 6.218 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

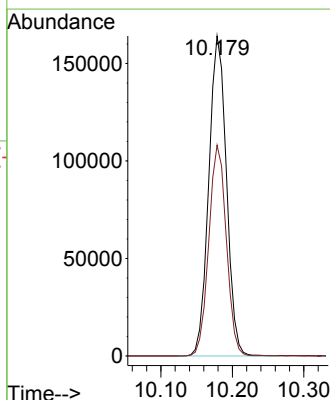
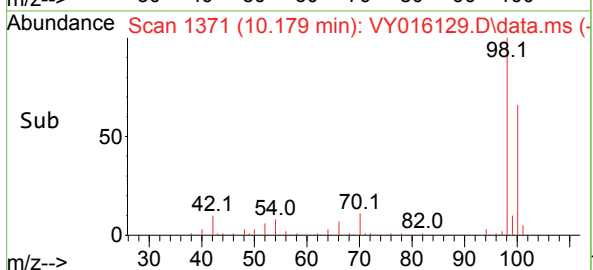
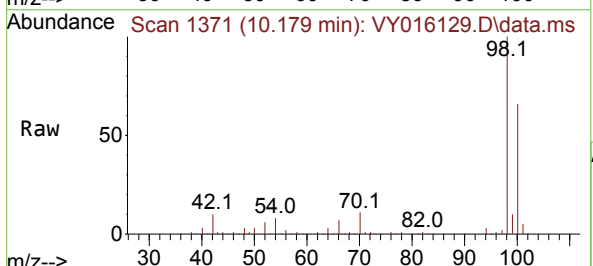


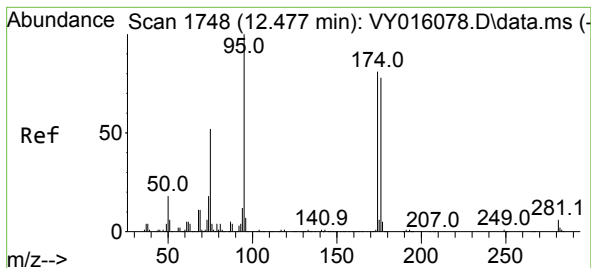
Tgt Ion:117 Resp: 14057
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.602 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

Tgt Ion: 98 Resp: 281789
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

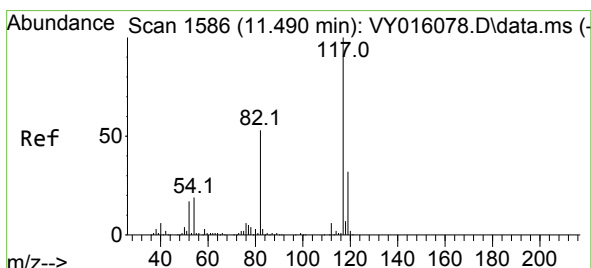
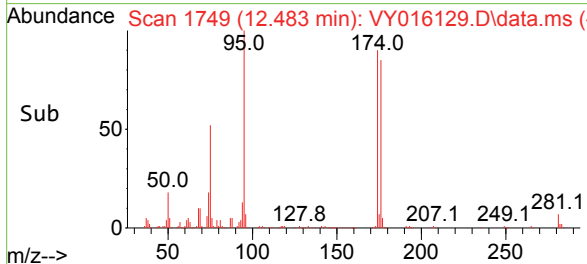
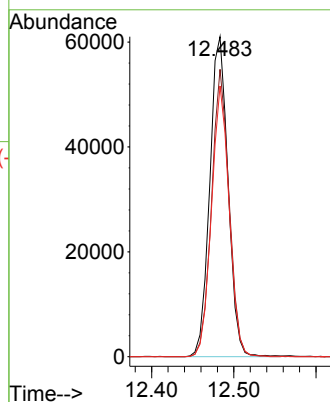
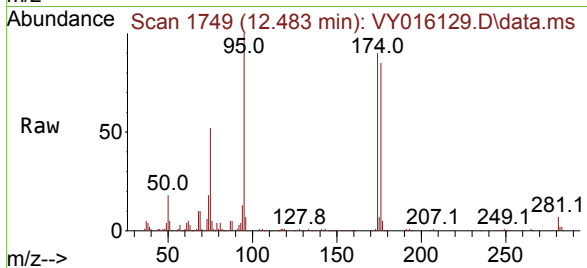




#62
4-Bromofluorobenzene
Concen: 48.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

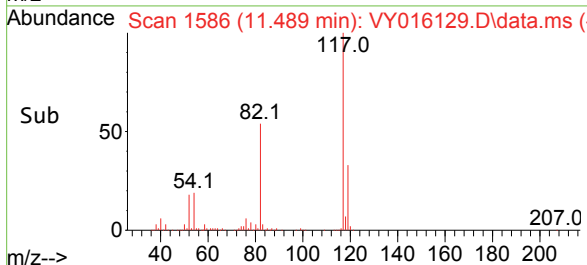
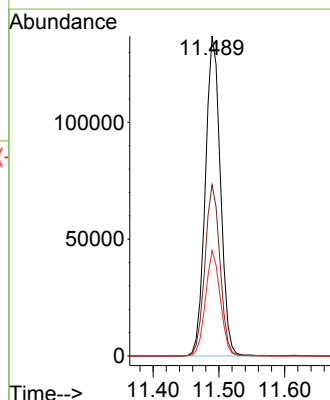
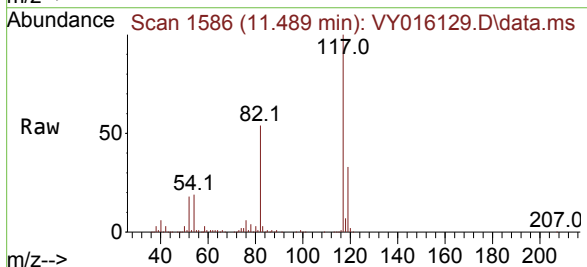
Instrument :
MSVOA_Y
ClientSampleId :

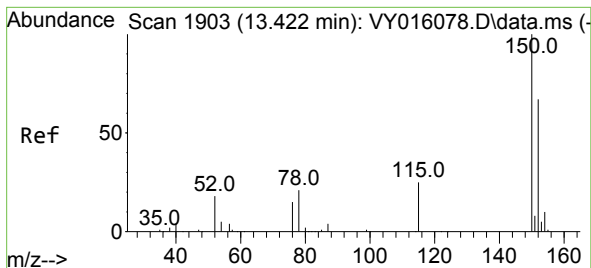
Tgt Ion: 95 Resp: 94073
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 82.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

Tgt Ion: 117 Resp: 219139
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY016129.D

Acq: 30 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

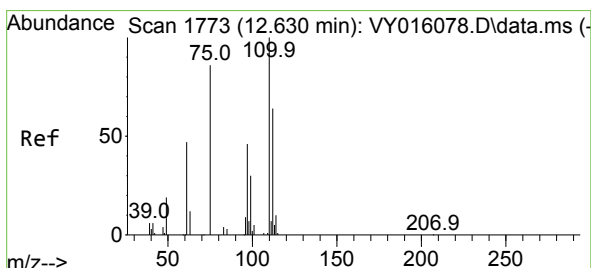
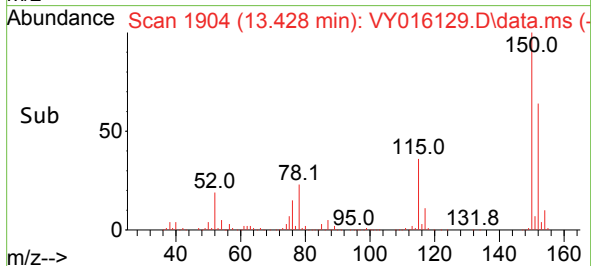
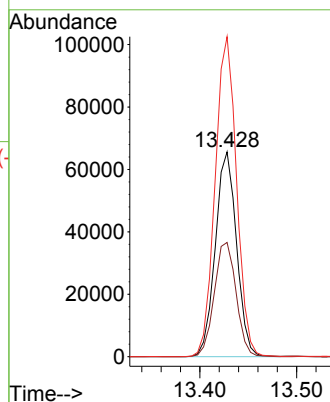
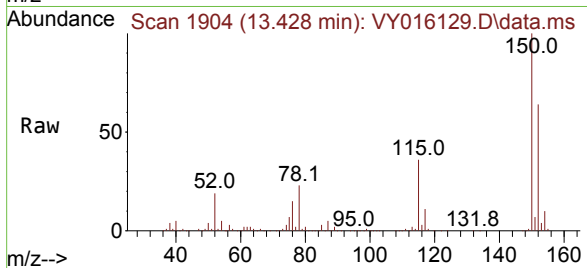
Tgt Ion:152 Resp: 100032

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 157.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 48.111 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY016129.D

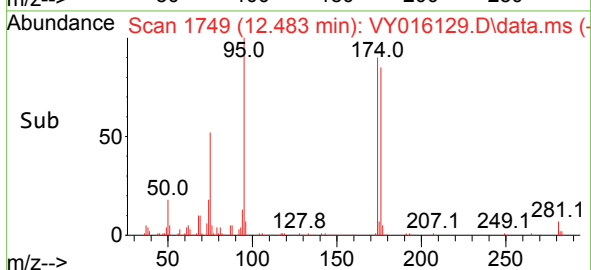
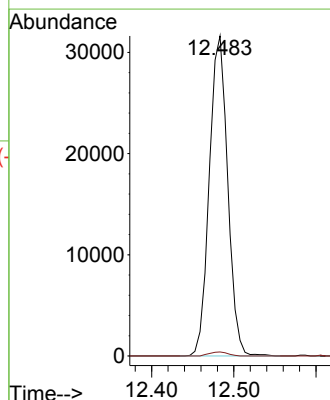
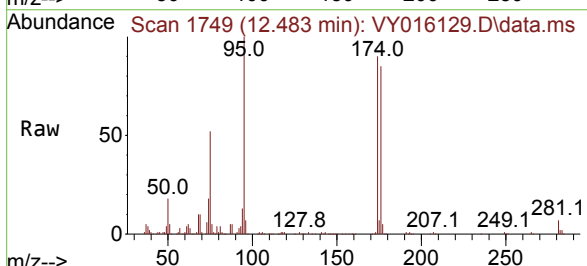
Acq: 30 Oct 2023 13:26

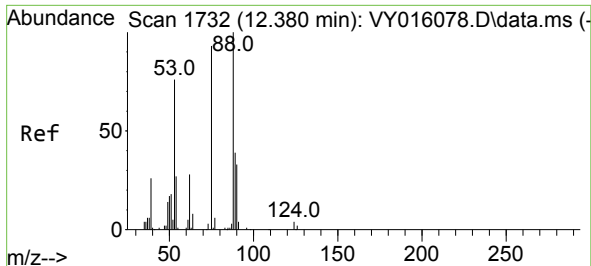
Tgt Ion: 75 Resp: 49135

Ion Ratio Lower Upper

75 100

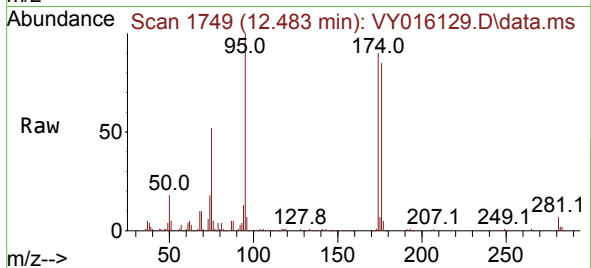
77 1.3 0.0 0.0#



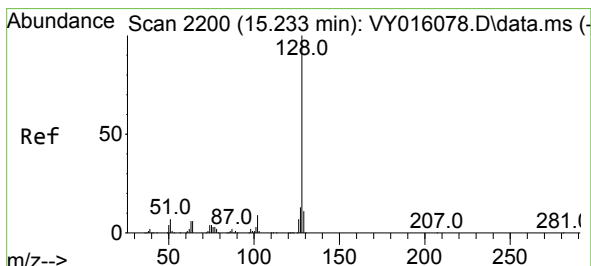
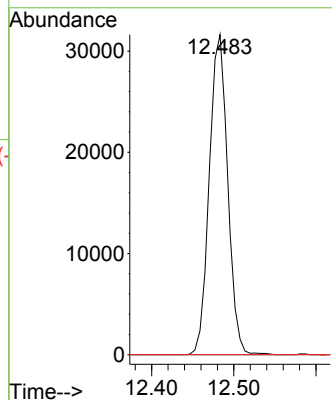
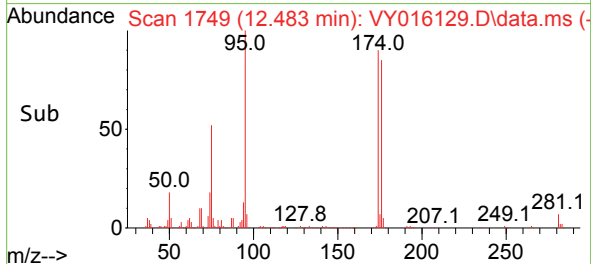


#81
trans-1,4-Dichloro-2-butene
Concen: 104.550 ug/l
RT: 12.483 min Scan# 1732
Delta R.T. 0.104 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

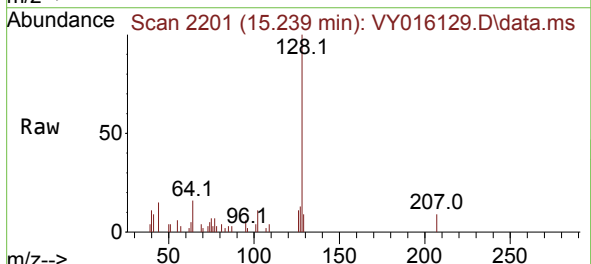
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 49135
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.242 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26



Tgt Ion: 128 Resp: 4403
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 11.0 8.6 13.0

