

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016130.D
 Acq On : 30 Oct 2023 13:50
 Operator : SY/MD
 Sample : 05135-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 01:29:44 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)

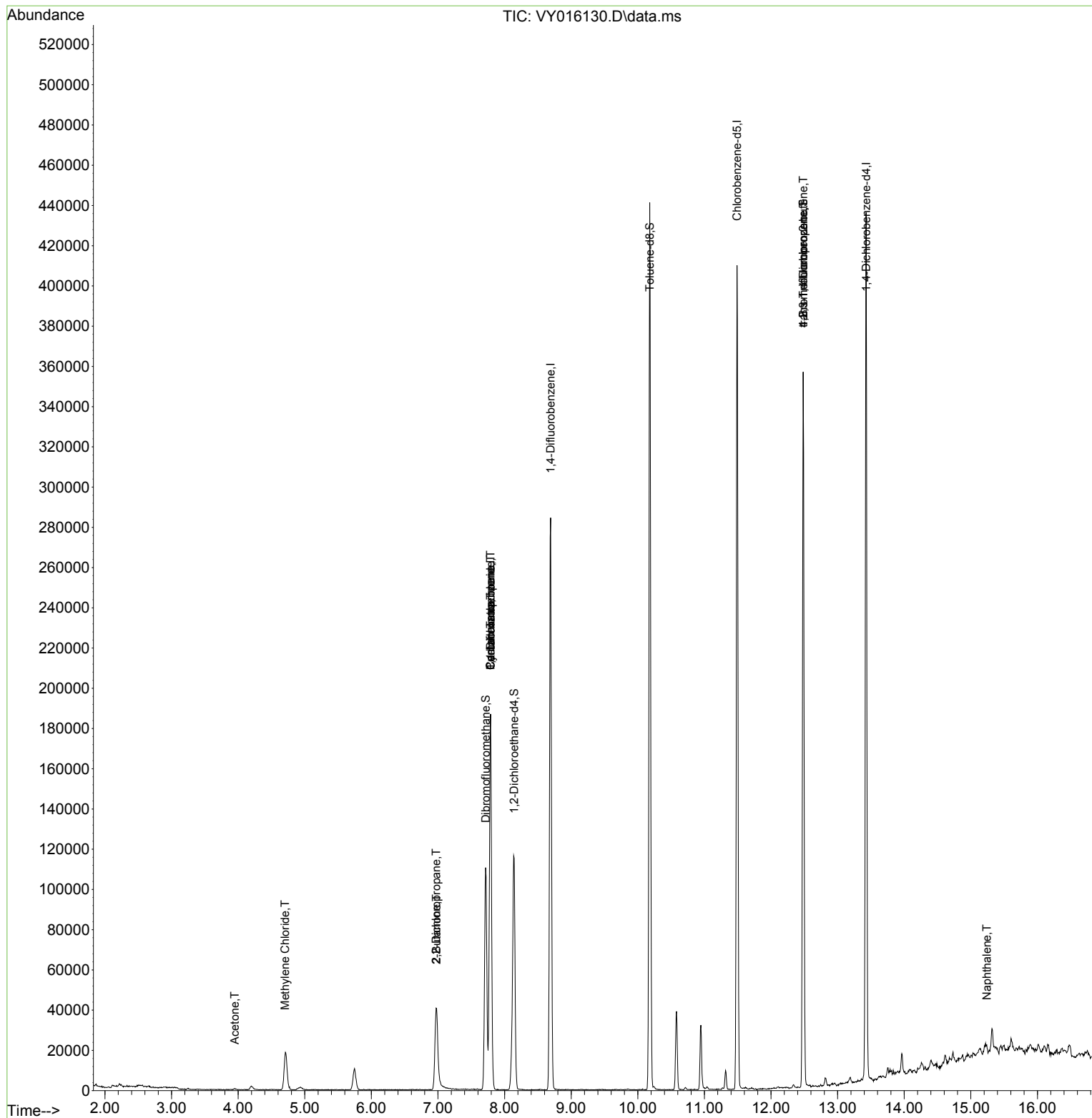
Internal Standards						
1) Pentafluorobenzene	7.789	168	147071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85974	58.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.580%	
35) Dibromofluoromethane	7.716	113	78678	50.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.540%	
50) Toluene-d8	10.179	98	287194	49.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.080%	
62) 4-Bromofluorobenzene	12.483	95	100527	50.548	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	971	Below Cal	#	89
16) Acetone	3.948	43	915	2.308	ug/l #	66
20) Methylene Chloride	4.704	84	14709	4.186	ug/l #	84
25) 2-Butanone	6.978	43	2127	3.976	ug/l #	73
26) 2,2-Dichloropropane	6.972	77	3442	1.431	ug/l #	54
31) Cyclohexane	7.789	56	2792	1.214	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11055	5.067	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14501	6.285	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	53055	47.291	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53055	102.768	ug/l #	11
95) Naphthalene	15.239	128	3994	1.026	ug/l #	89

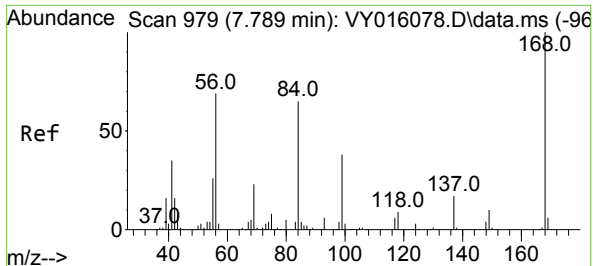
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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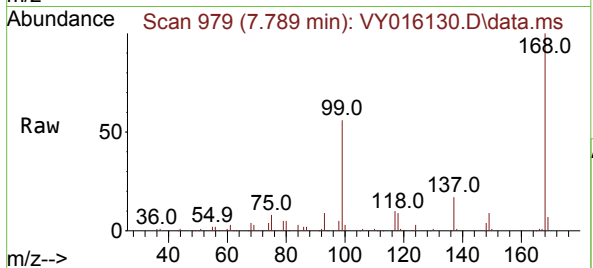
Quant Time: Oct 31 01:29:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



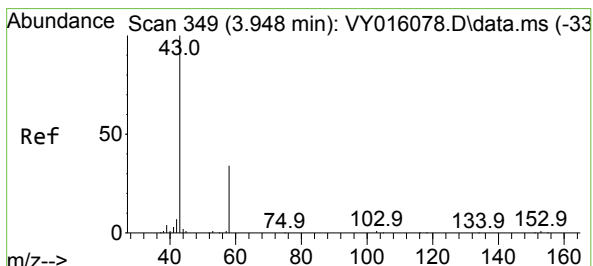
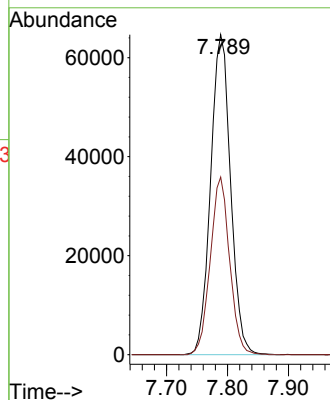
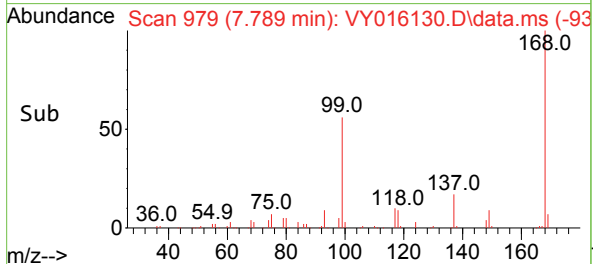


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :

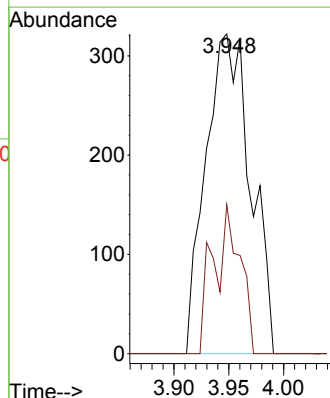
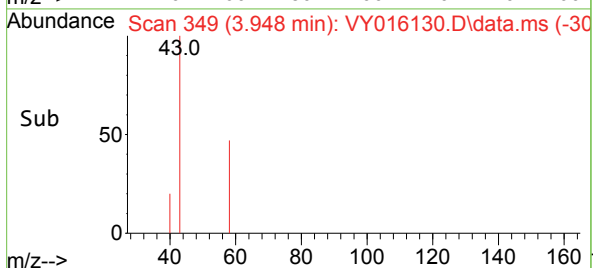
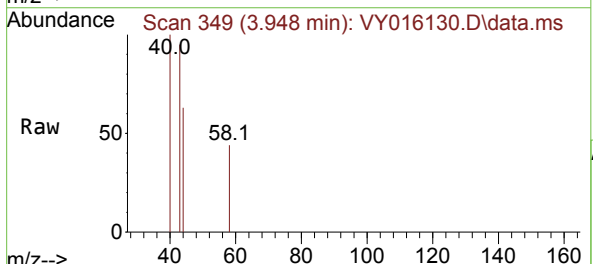


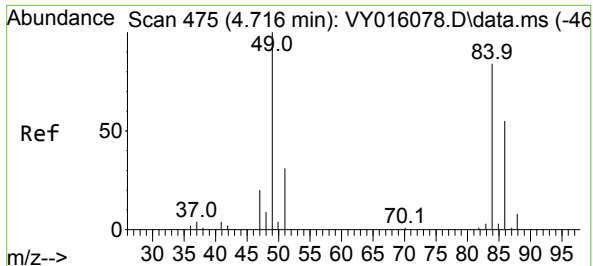
Tgt Ion:168 Resp: 147071
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#16
Acetone
Concen: 2.308 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

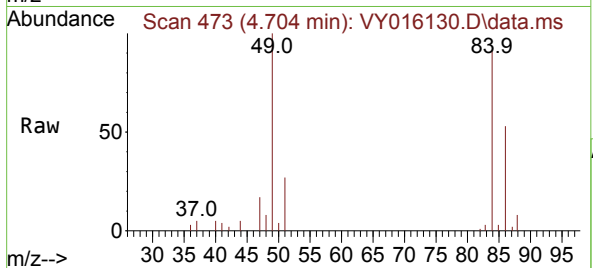
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 46.6 22.7 34.1#



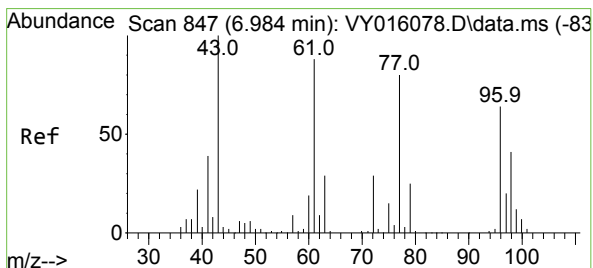
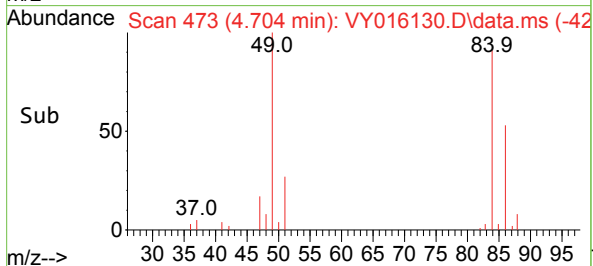
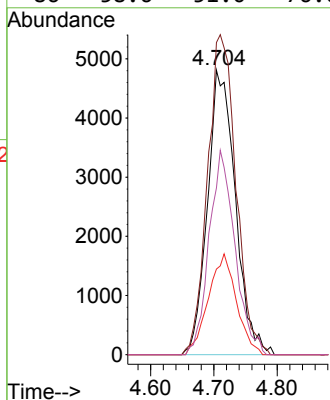


#20
Methylene Chloride
Concen: 4.186 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :

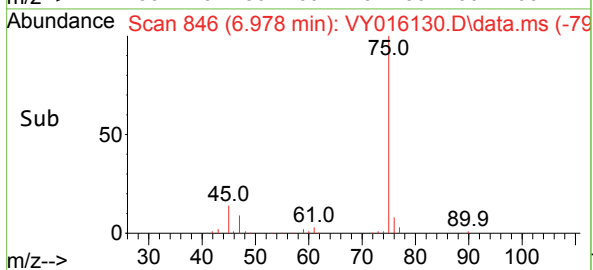
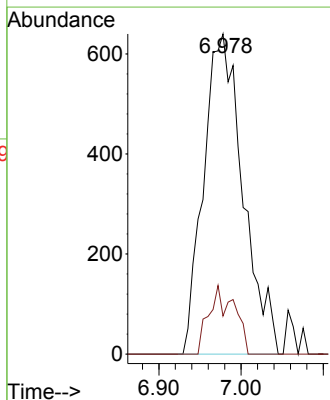
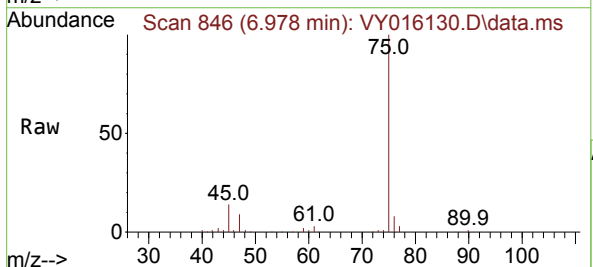


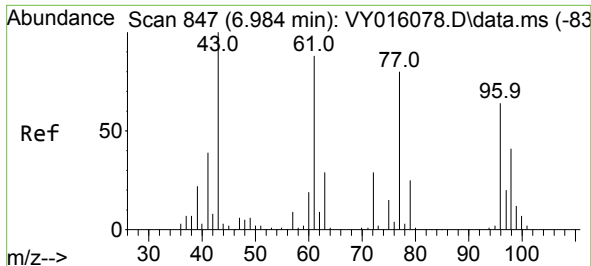
Tgt Ion: 84 Resp: 14709
Ion Ratio Lower Upper
84 100
49 109.7 106.9 160.3
51 30.1 33.2 49.8#
86 58.6 51.0 76.6



#25
2-Butanone
Concen: 3.976 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

Tgt Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
72 11.9 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 1.431 ug/l

RT: 6.972 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016130.D

Acq: 30 Oct 2023 13:50

Instrument :

MSVOA_Y

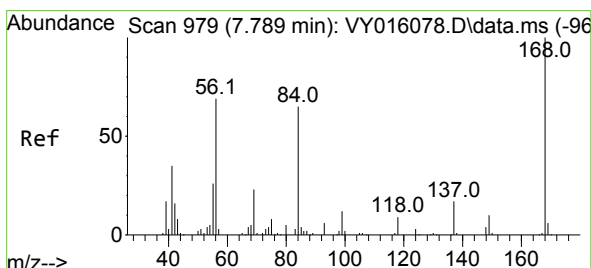
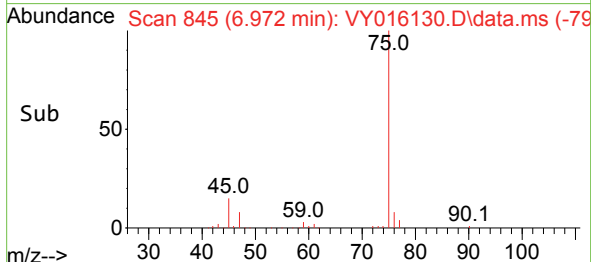
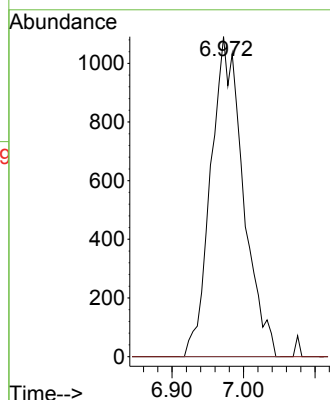
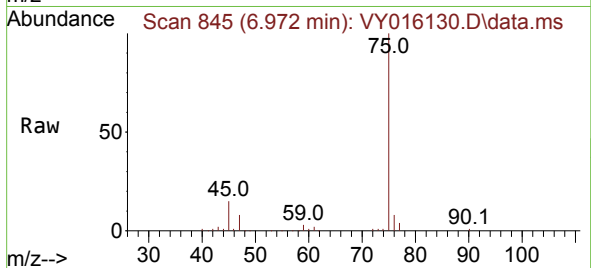
ClientSampleId :

Tgt Ion: 77 Resp: 3442

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.214 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY016130.D

Acq: 30 Oct 2023 13:50

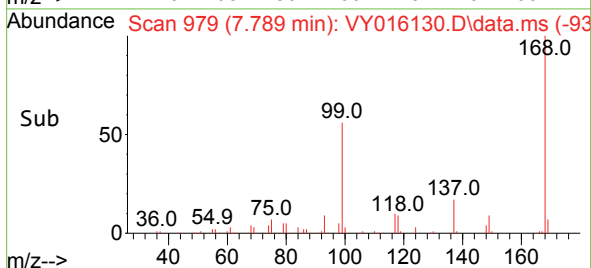
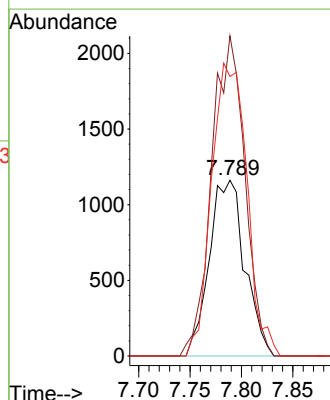
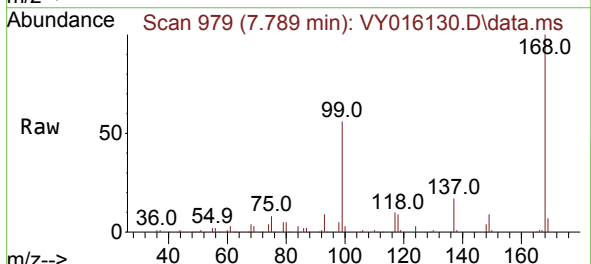
Tgt Ion: 56 Resp: 2792

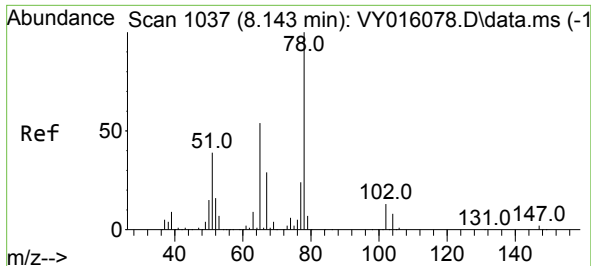
Ion Ratio Lower Upper

56 100

69 182.2 27.8 41.6#

84 159.2 66.4 99.6#

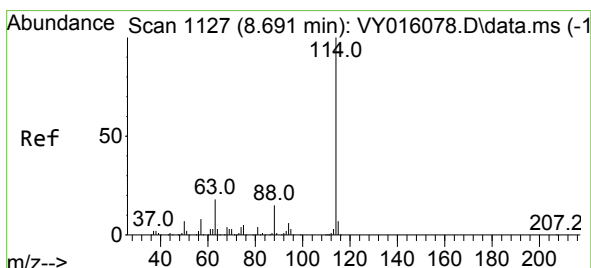
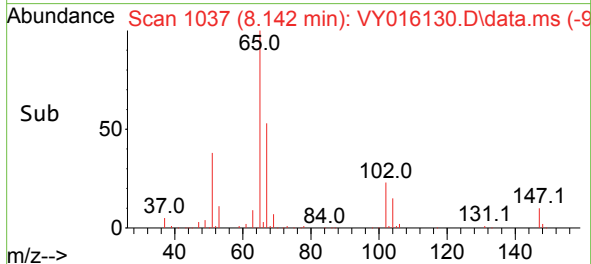
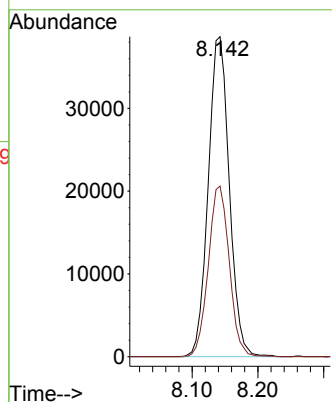
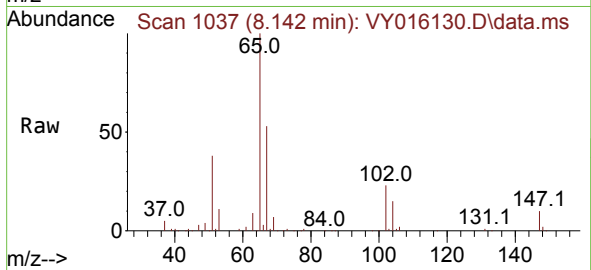




#33
 1,2-Dichloroethane-d4
 Concen: 58.789 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016130.D
 Acq: 30 Oct 2023 13:50

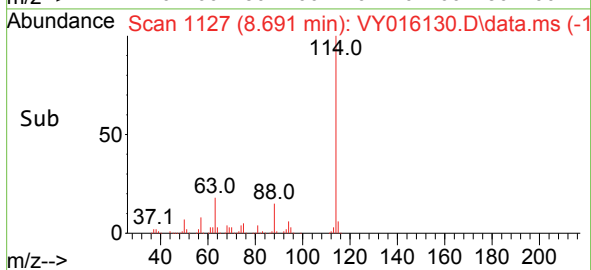
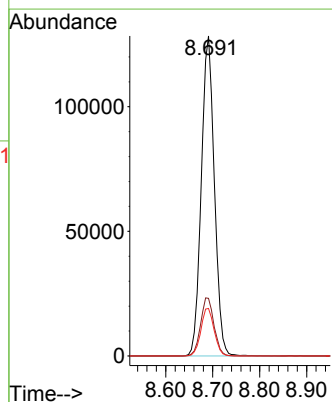
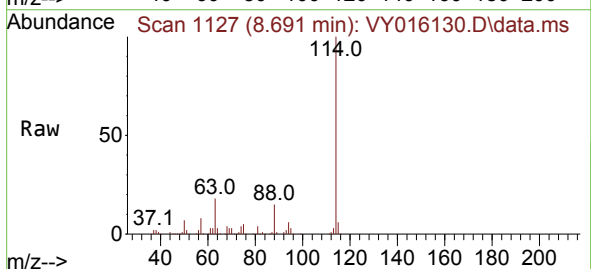
Instrument :
 MSVOA_Y
 ClientSampleId :

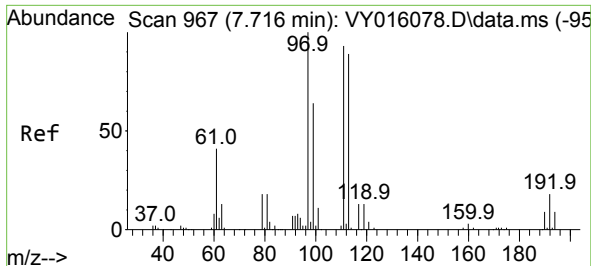
Tgt Ion: 65 Resp: 85974
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016130.D
 Acq: 30 Oct 2023 13:50

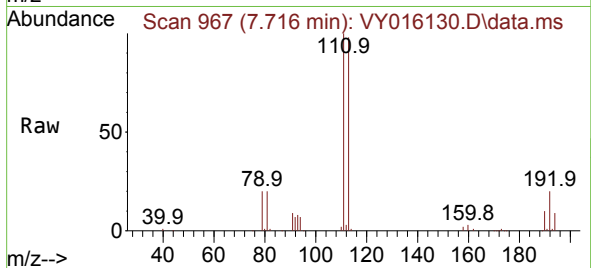
Tgt Ion: 114 Resp: 247928
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 42.4
 88 14.8 0.0 30.6



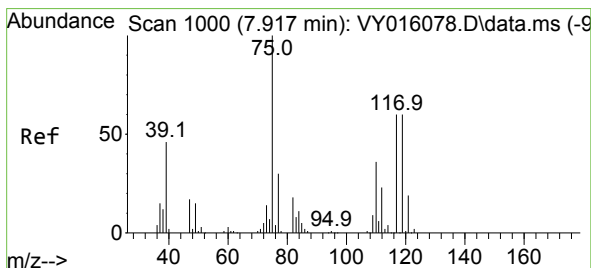
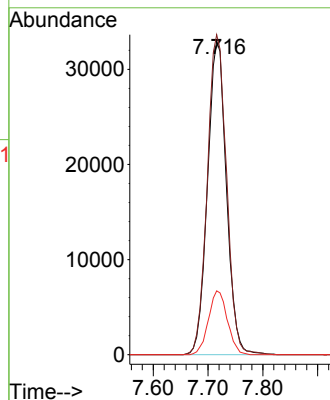
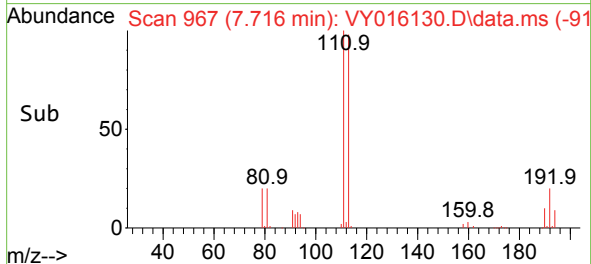


#35
Dibromofluoromethane
Concen: 50.268 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :

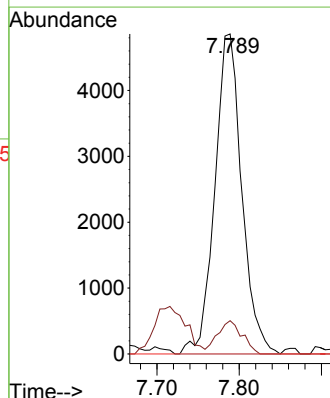
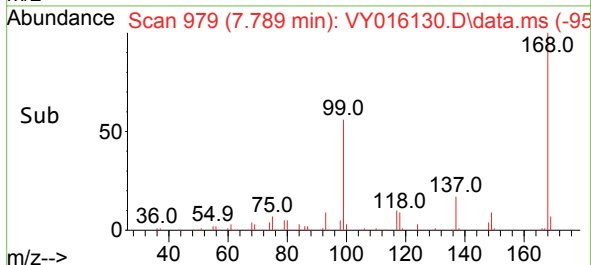
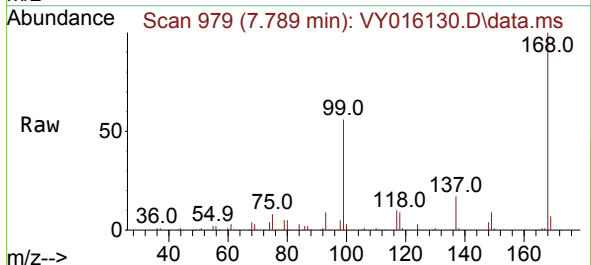


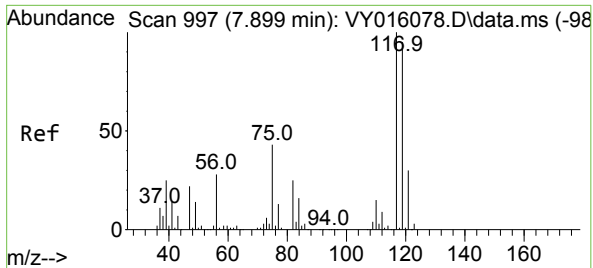
Tgt Ion:113 Resp: 78678
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.067 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

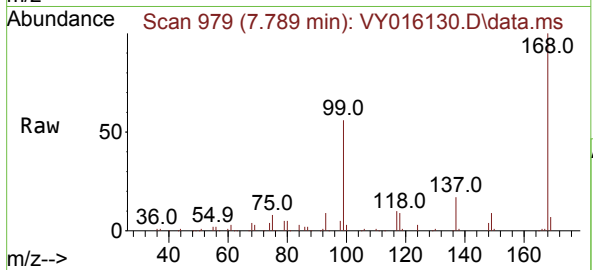
Tgt Ion: 75 Resp: 11055
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



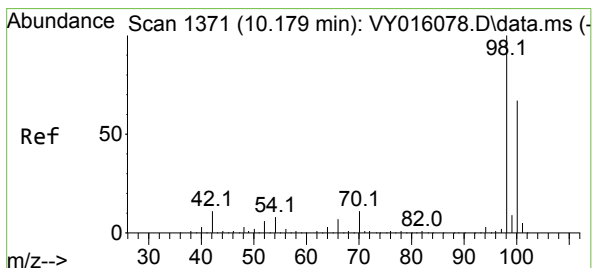
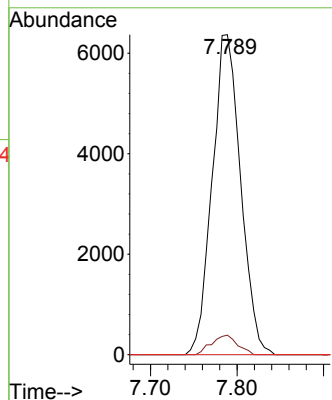
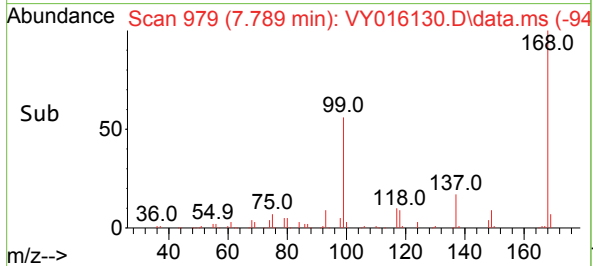


#38
Carbon Tetrachloride
Concen: 6.285 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :

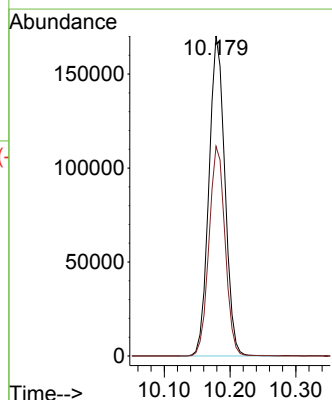
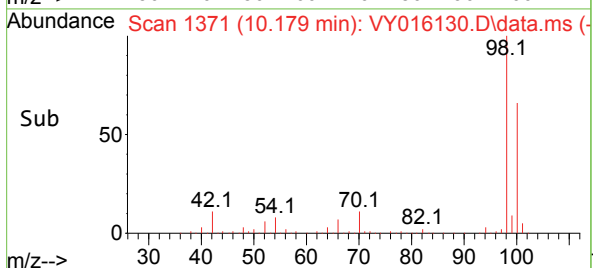
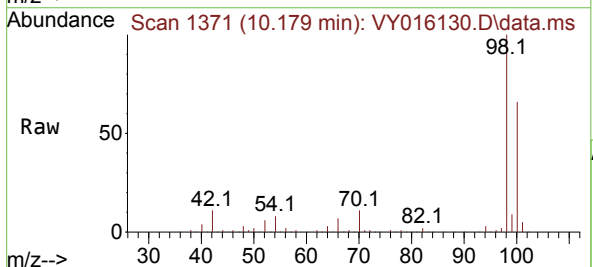


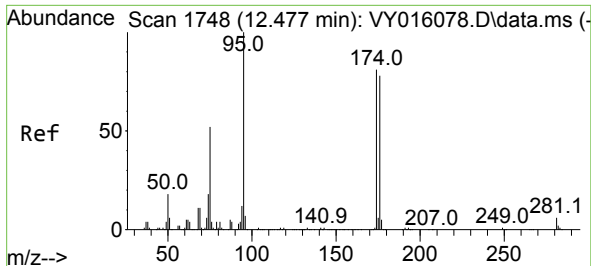
Tgt Ion:117 Resp: 14501
Ion Ratio Lower Upper
117 100
119 6.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.537 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

Tgt Ion: 98 Resp: 287194
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1

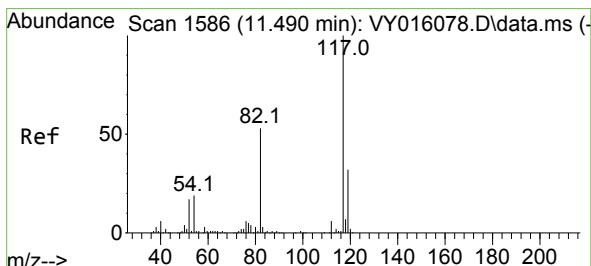
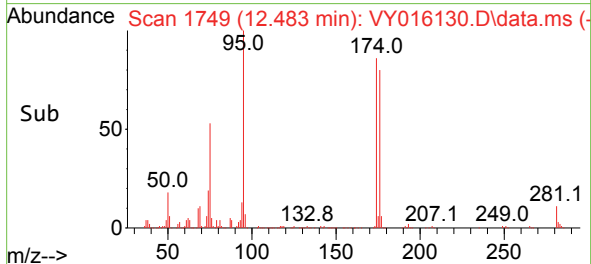
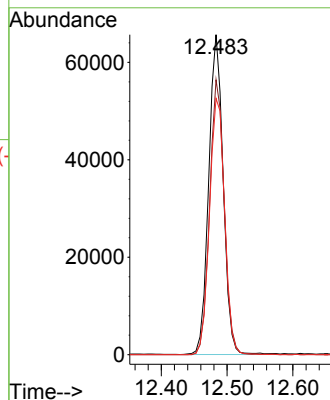
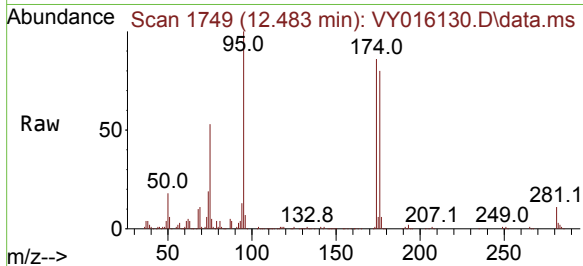




#62
4-Bromofluorobenzene
Concen: 50.548 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

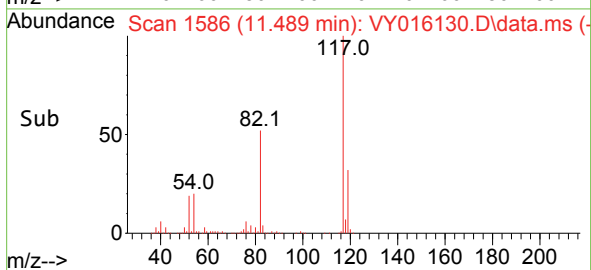
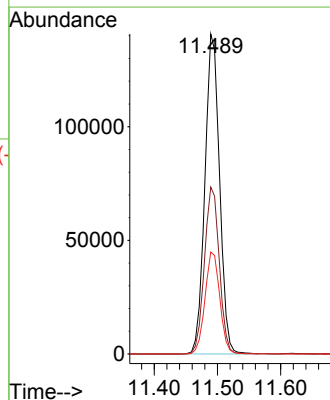
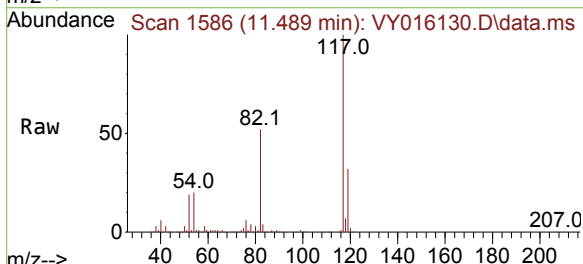
Instrument :
MSVOA_Y
ClientSampleId :

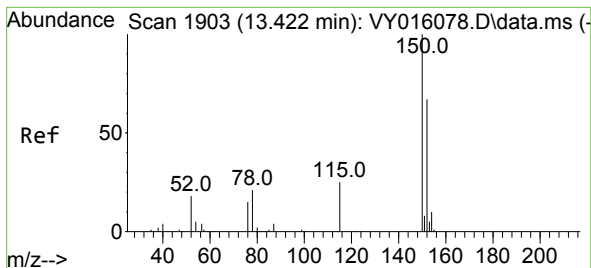
Tgt Ion: 95 Resp: 100527
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 84.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

Tgt Ion: 117 Resp: 227568
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.9 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

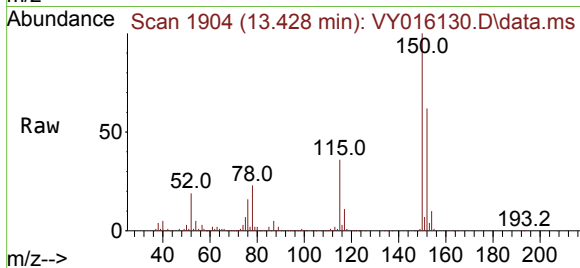
Lab File: VY016130.D

Acq: 30 Oct 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :



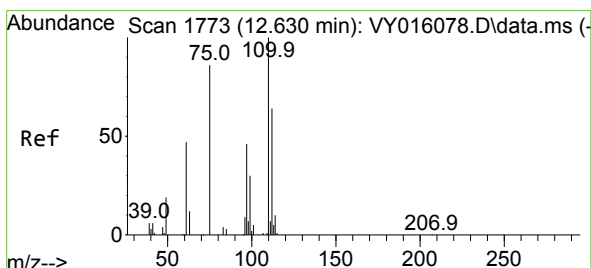
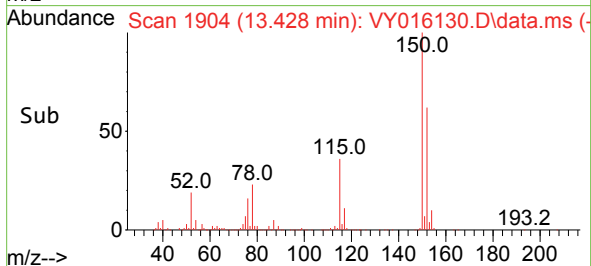
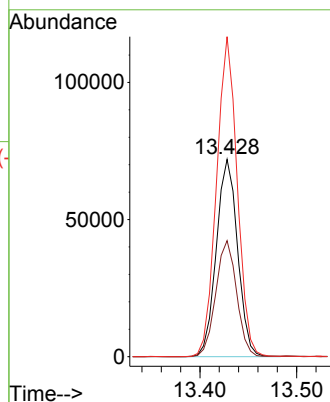
Tgt Ion:152 Resp: 109886

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 157.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 47.291 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY016130.D

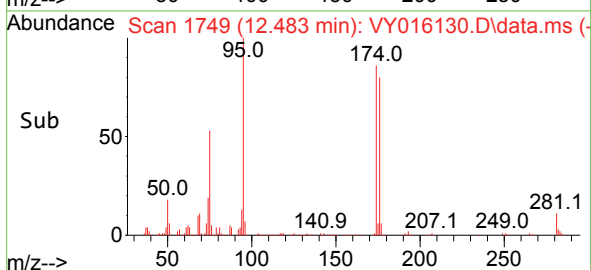
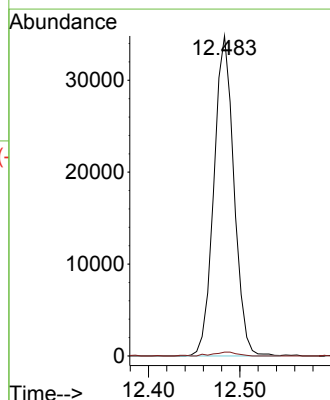
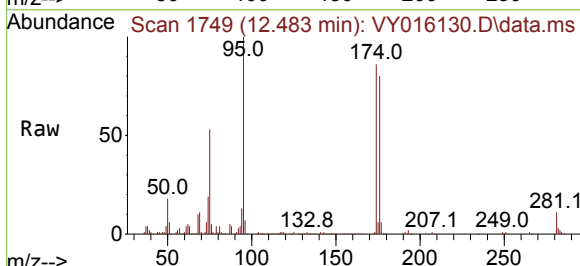
Acq: 30 Oct 2023 13:50

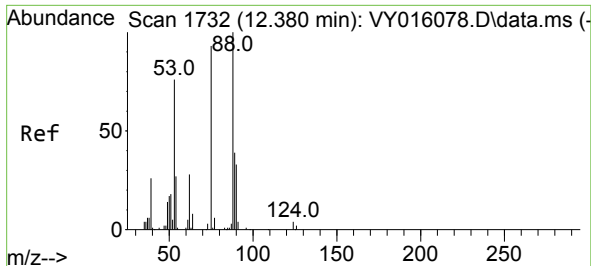
Tgt Ion: 75 Resp: 53055

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

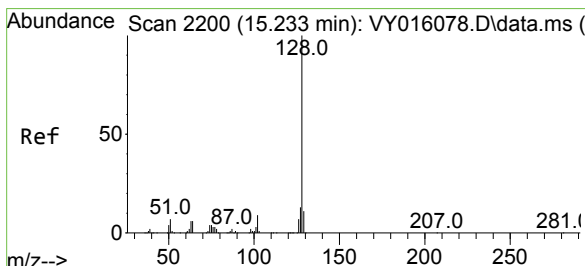
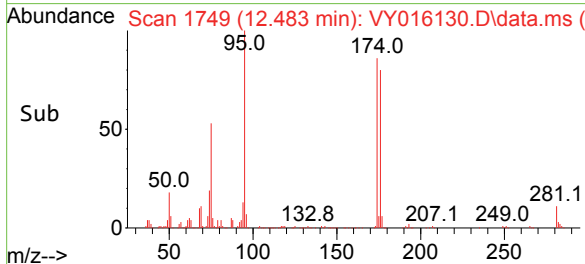
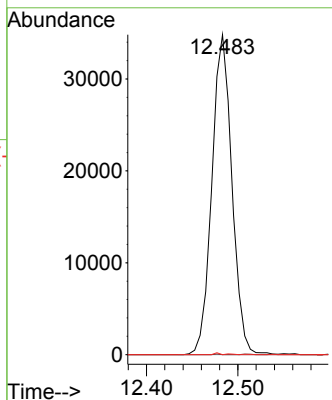
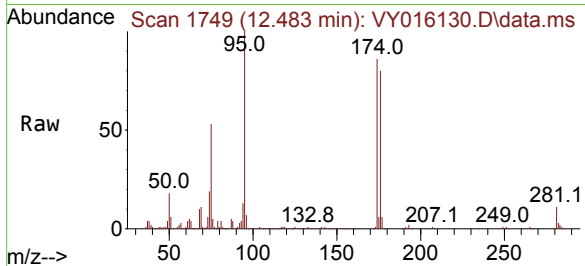




#81
trans-1,4-Dichloro-2-butene
Concen: 102.768 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 53055
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 1.026 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016130.D
Acq: 30 Oct 2023 13:50

Tgt Ion:128 Resp: 3994
Ion Ratio Lower Upper
128 100
127 15.2 10.8 16.2
129 18.3 8.6 13.0#

