

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016086.D
 Acq On : 26 Oct 2023 18:41
 Operator : SY/MD
 Sample : 05051-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:21:02 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)

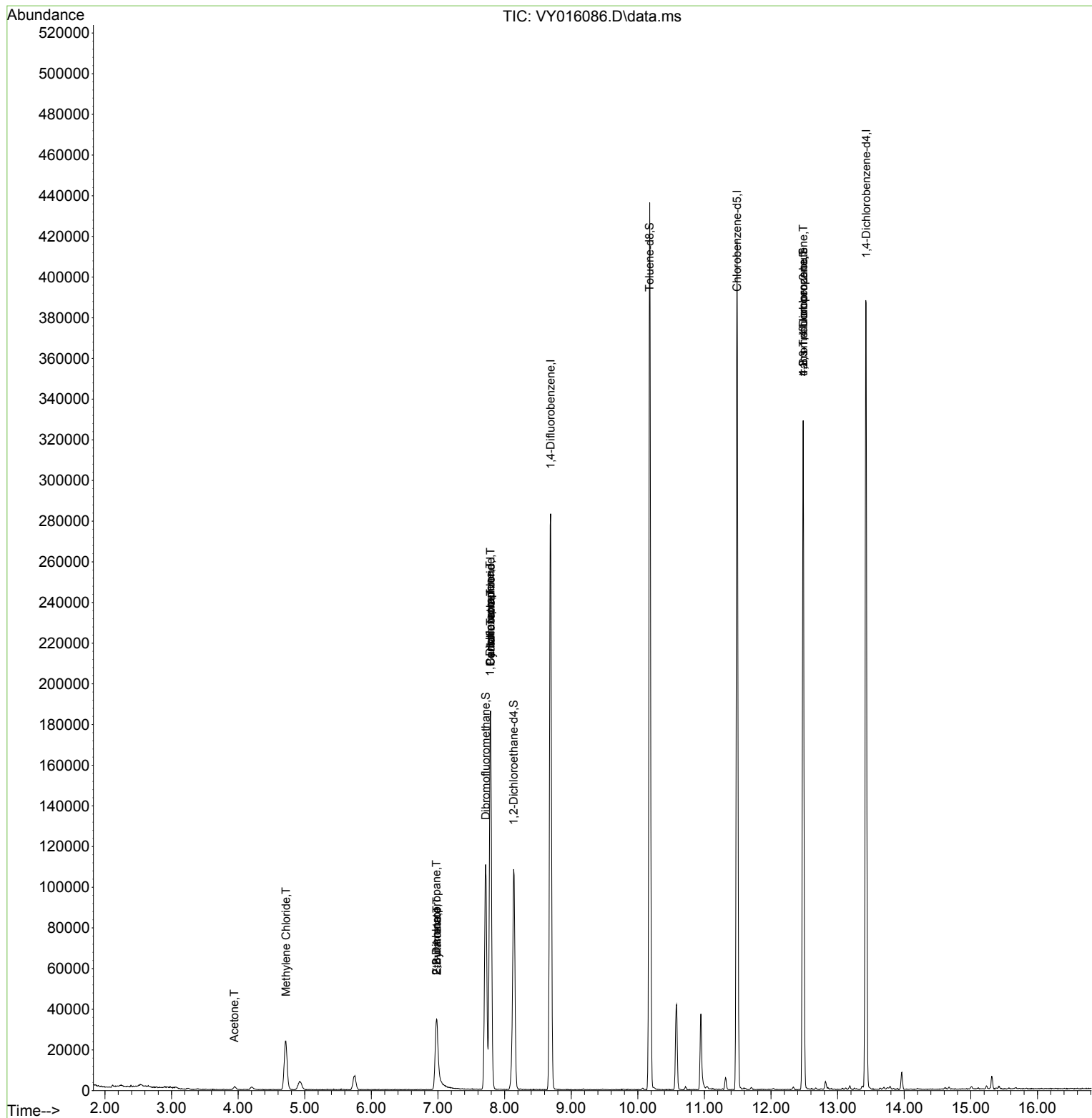
Internal Standards						
1) Pentafluorobenzene	7.789	168	151266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	229053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81648	54.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.560%	
35) Dibromofluoromethane	7.716	113	79488	49.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.580%	
50) Toluene-d8	10.179	98	287536	48.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.260%	
62) 4-Bromofluorobenzene	12.483	95	94492	46.110	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.220%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	2597	6.370	ug/l	93
20) Methylene Chloride	4.716	84	18846	6.837	ug/l	88
25) 2-Butanone	6.984	43	1962	3.566	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	2951	1.193	ug/l #	54
31) Cyclohexane	7.789	56	3013	1.273	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11566	5.145	ug/l #	50
37) Ethyl Acetate	6.984	43	1962	1.703	ug/l #	1
38) Carbon Tetrachloride	7.789	117	14506	6.102	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	49280	45.843	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49280	99.621	ug/l #	11

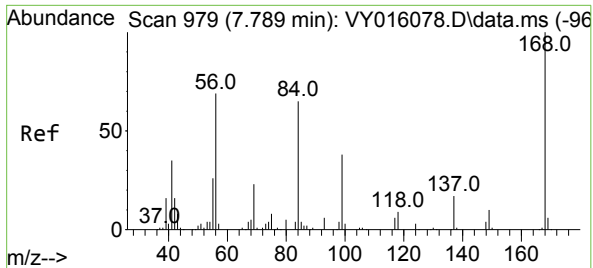
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
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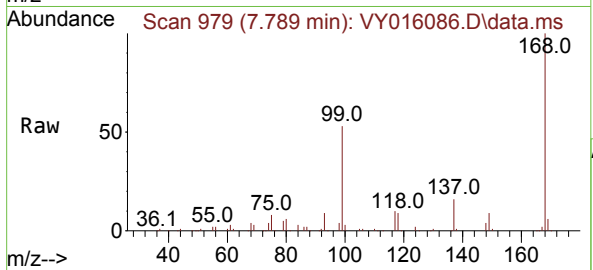
Quant Time: Oct 27 04:21:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



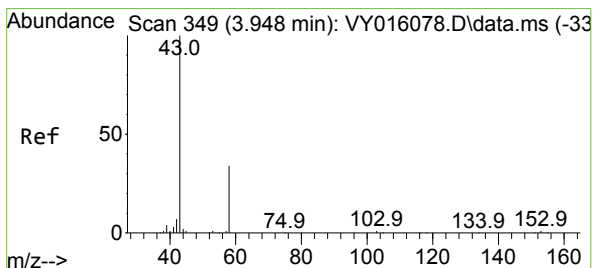
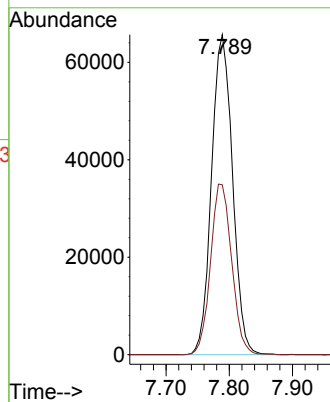
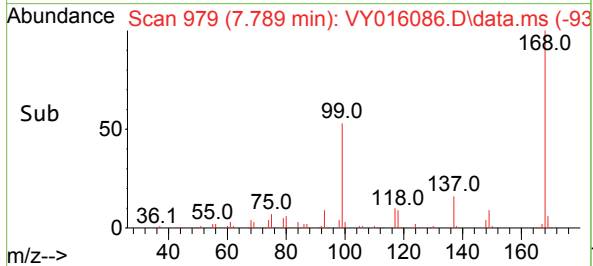


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

Instrument :
MSVOA_Y
ClientSampleId :

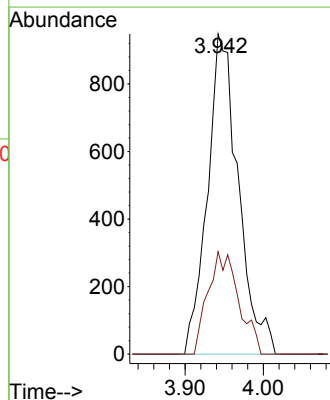
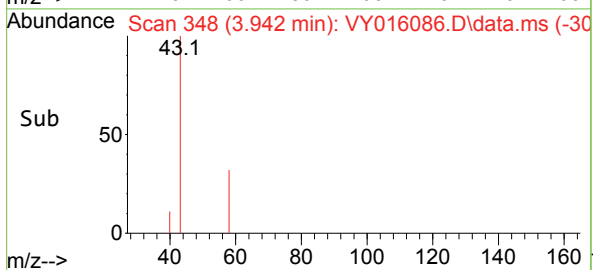
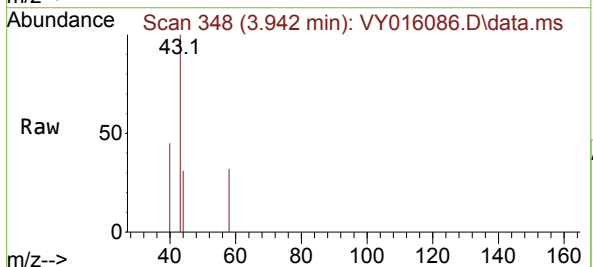


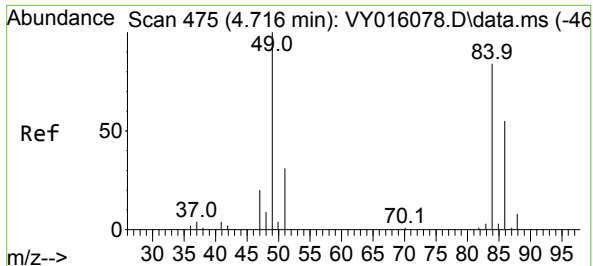
Tgt Ion:168 Resp: 151266
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#16
Acetone
Concen: 6.370 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

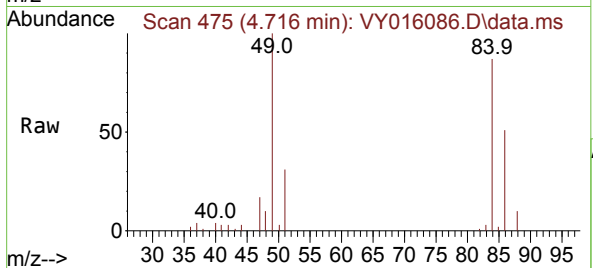
Tgt Ion: 43 Resp: 2597
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1



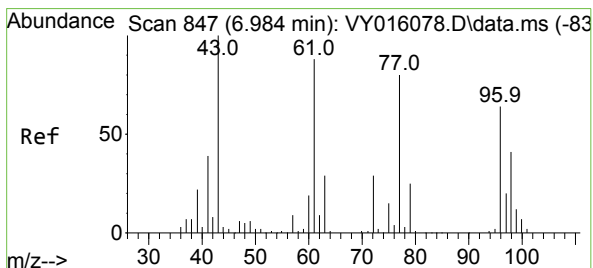
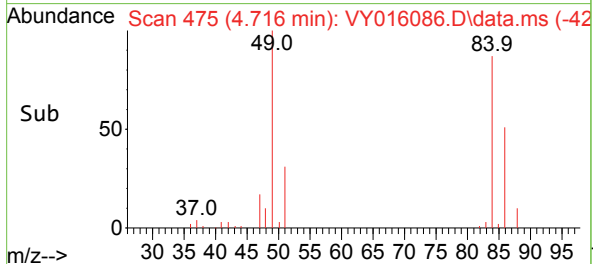
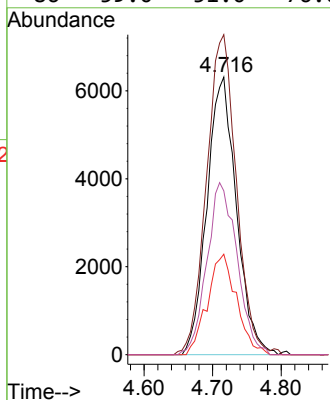


#20
Methylene Chloride
Concen: 6.837 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

Instrument :
MSVOA_Y
ClientSampleId :

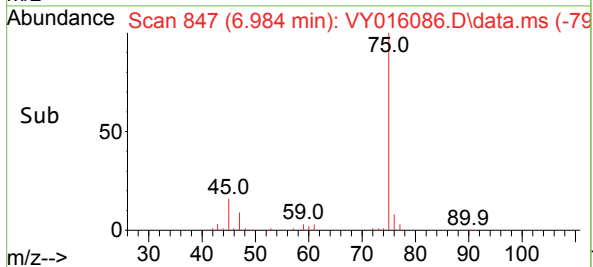
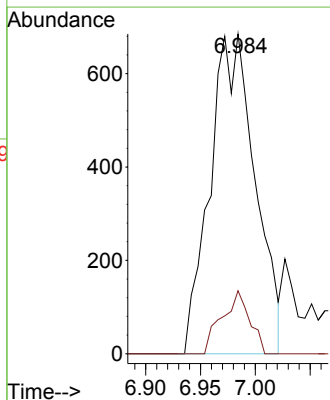
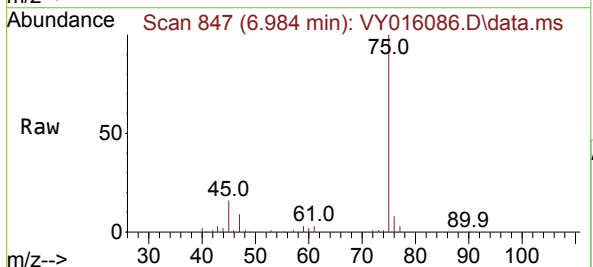


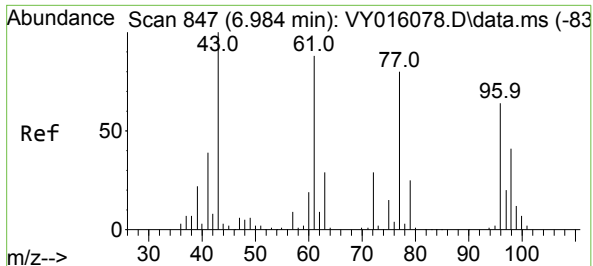
Tgt Ion:	84	Resp:	18846
Ion	Ratio	Lower	Upper
84	100		
49	114.1	106.9	160.3
51	36.2	33.2	49.8
86	59.0	51.0	76.6



#25
2-Butanone
Concen: 3.566 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

Tgt Ion:	43	Resp:	1962
Ion	Ratio	Lower	Upper
43	100		
72	19.7	20.5	30.7#





#26

2,2-Dichloropropane

Concen: 1.193 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY016086.D

Acq: 26 Oct 2023 18:41

Instrument :

MSVOA_Y

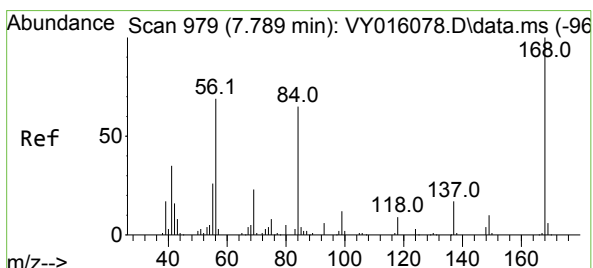
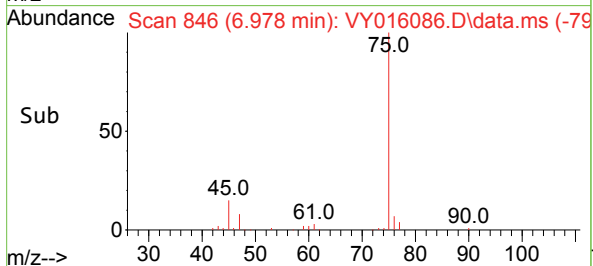
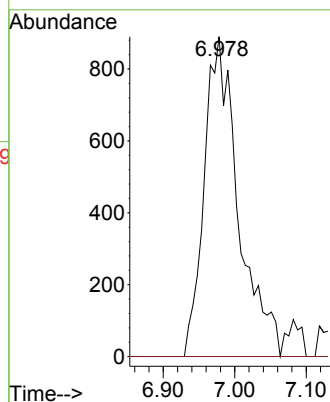
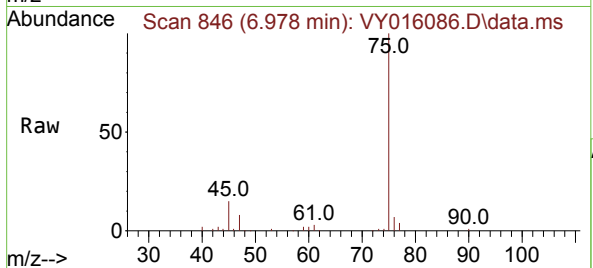
ClientSampleId :

Tgt Ion: 77 Resp: 2951

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.273 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY016086.D

Acq: 26 Oct 2023 18:41

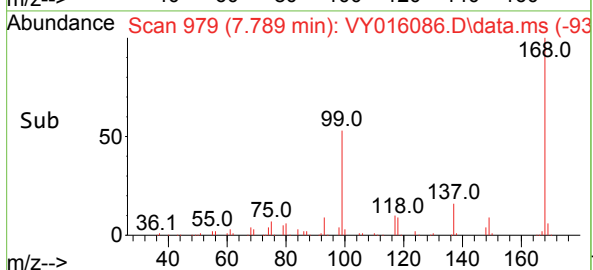
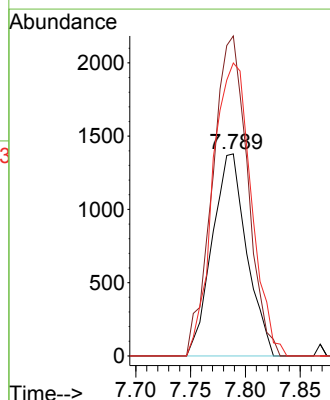
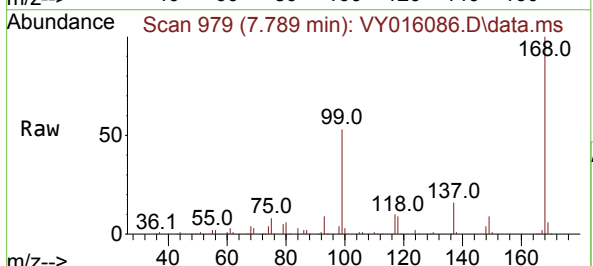
Tgt Ion: 56 Resp: 3013

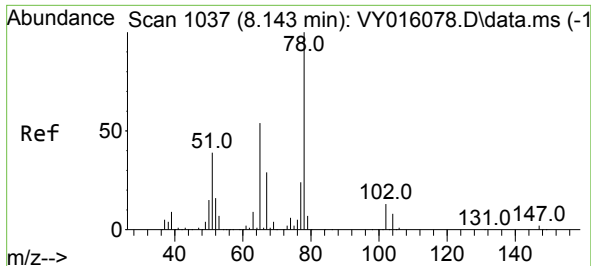
Ion Ratio Lower Upper

56 100

69 158.4 27.8 41.6#

84 145.0 66.4 99.6#

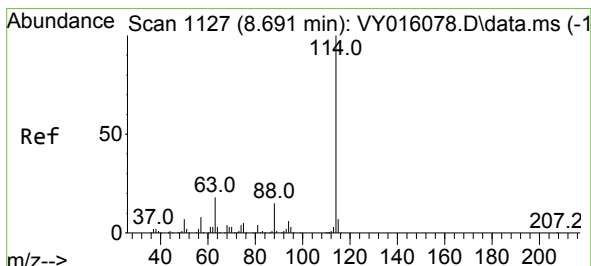
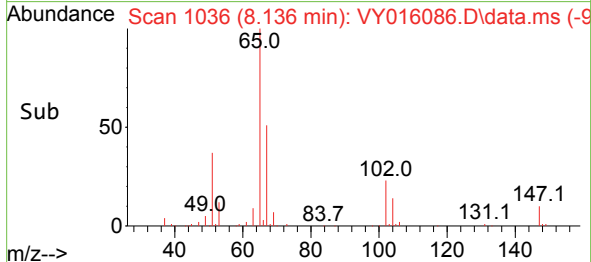
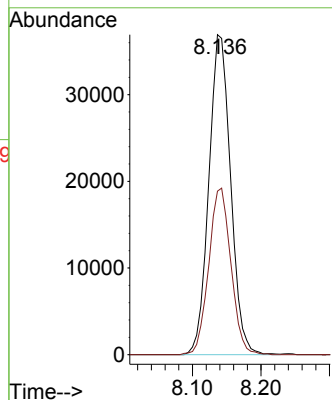
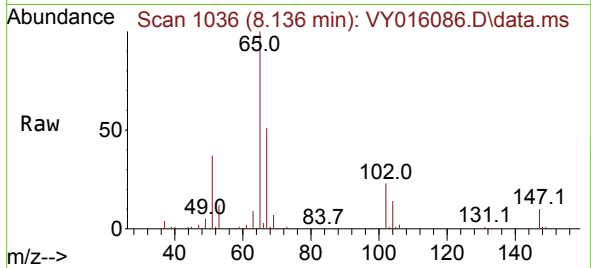




#33
 1,2-Dichloroethane-d4
 Concen: 54.282 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY016086.D
 Acq: 26 Oct 2023 18:41

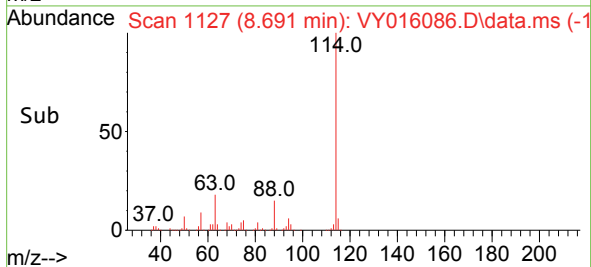
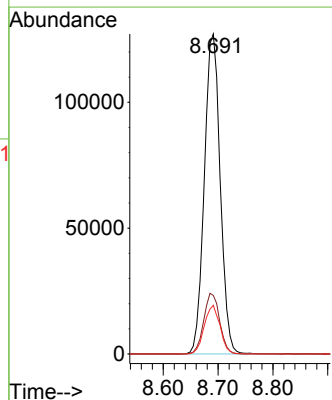
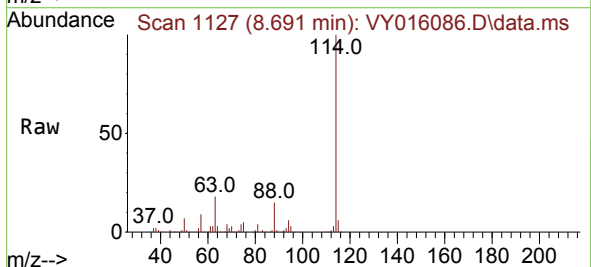
Instrument :
 MSVOA_Y
 ClientSampleId :

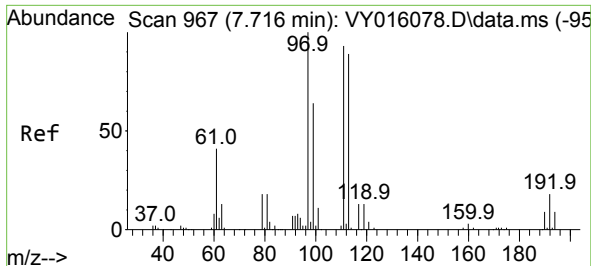
Tgt Ion: 65 Resp: 81648
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY016086.D
 Acq: 26 Oct 2023 18:41

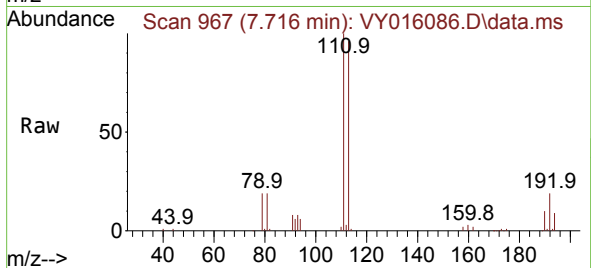
Tgt Ion: 114 Resp: 255475
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 42.4
 88 15.2 0.0 30.6



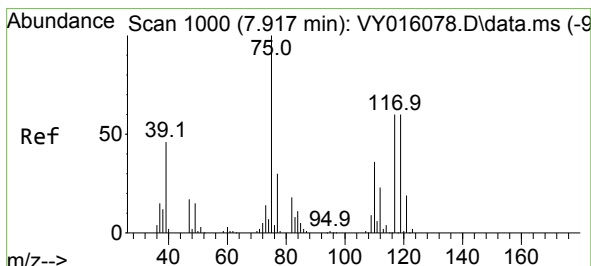
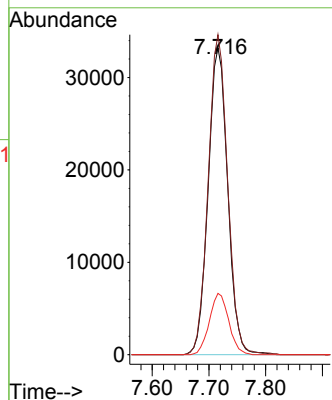
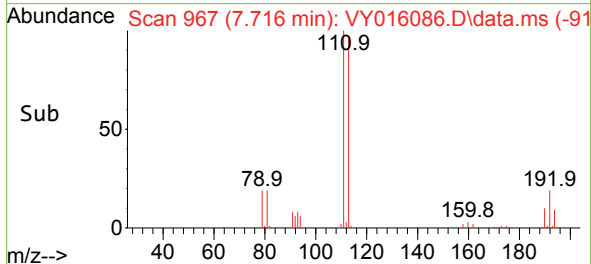


#35
Dibromofluoromethane
Concen: 49.286 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

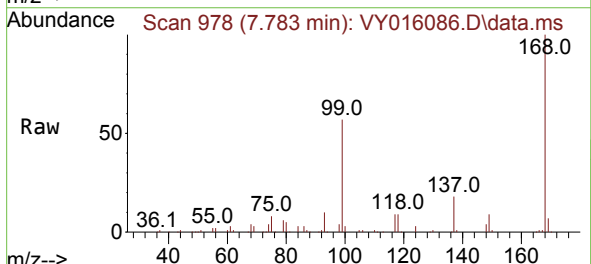
Instrument :
MSVOA_Y
ClientSampleId :



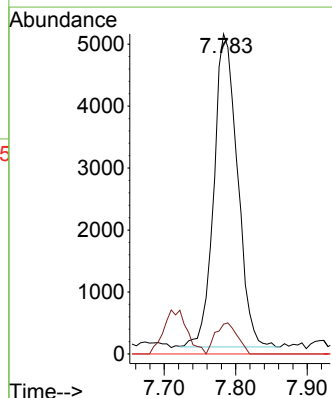
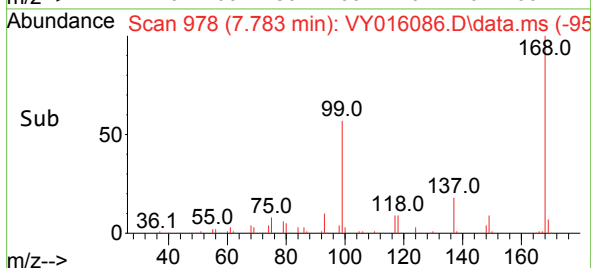
Tgt Ion:113 Resp: 79488
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.8 16.9 25.3

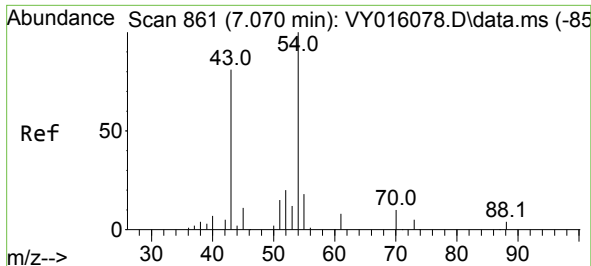


#36
1,1-Dichloropropene
Concen: 5.145 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41



Tgt Ion: 75 Resp: 11566
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.703 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.085 min

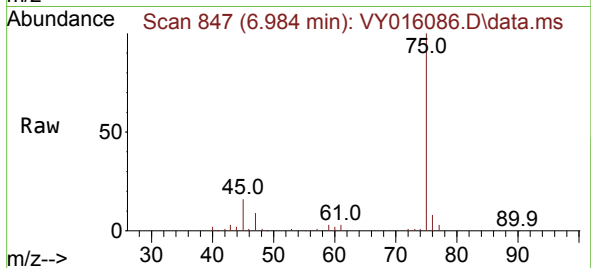
Lab File: VY016086.D

Acq: 26 Oct 2023 18:41

Instrument :

MSVOA_Y

ClientSampleId :



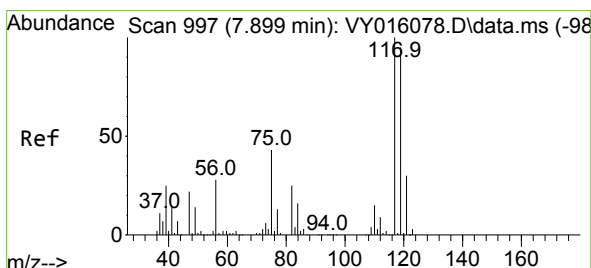
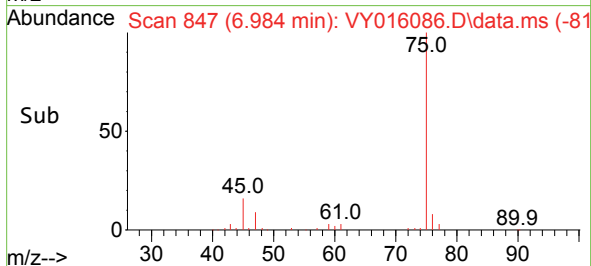
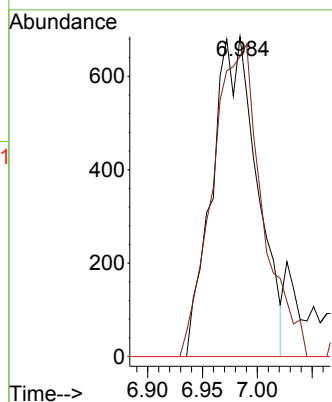
Tgt Ion: 43 Resp: 1962

Ion Ratio Lower Upper

43 100

61 107.6 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.102 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY016086.D

Acq: 26 Oct 2023 18:41

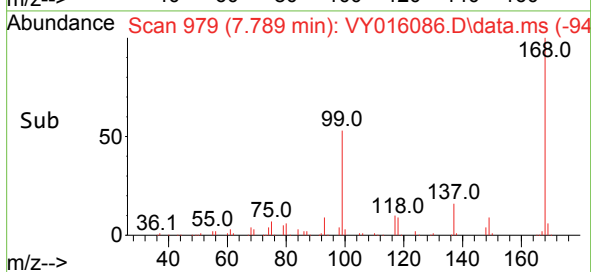
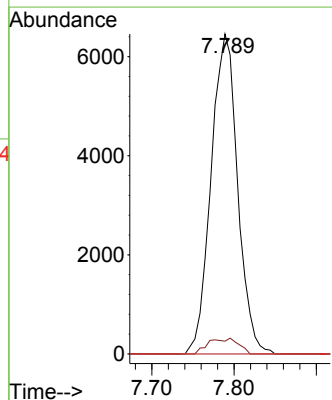
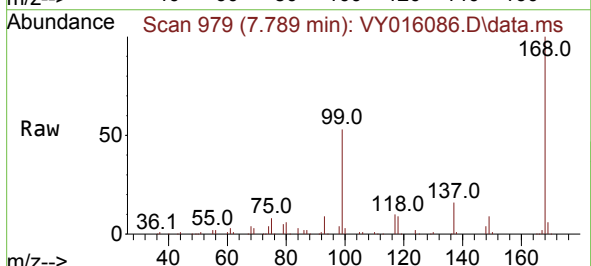
Tgt Ion: 117 Resp: 14506

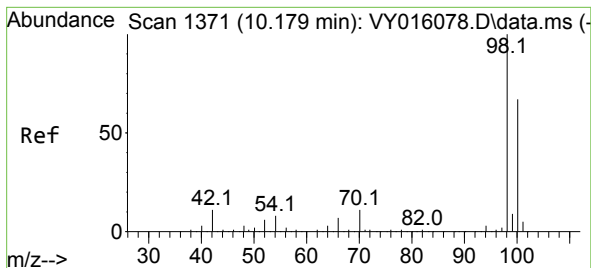
Ion Ratio Lower Upper

117 100

119 4.0 76.4 114.6#

121 0.0 25.8 38.6#

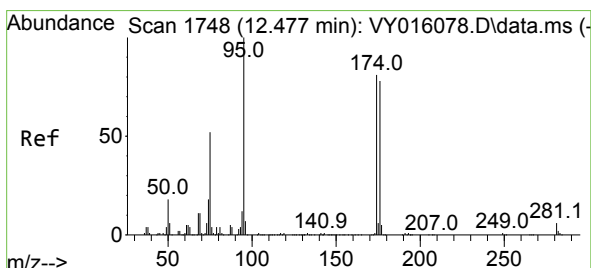
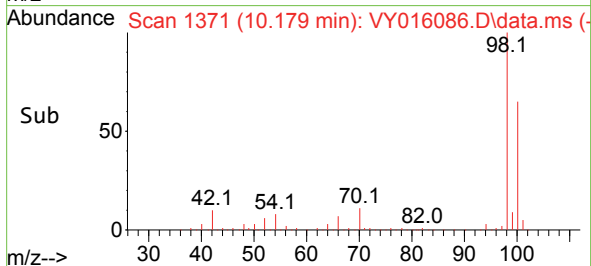
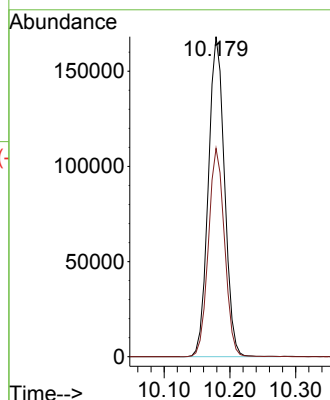
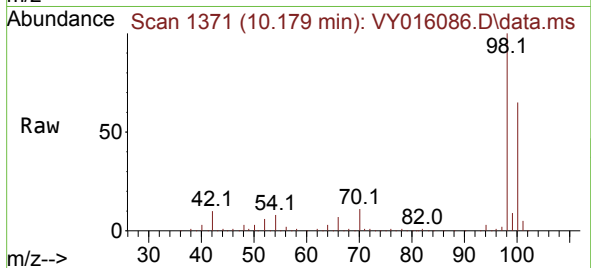




#50
Toluene-d8
Concen: 48.131 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

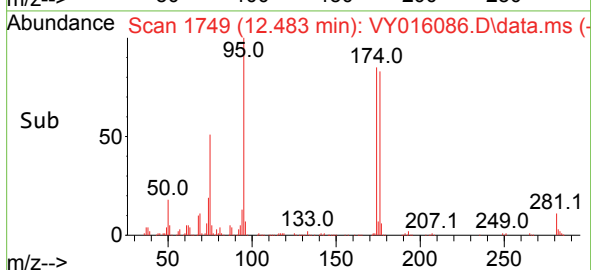
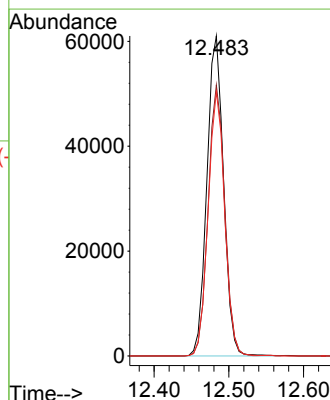
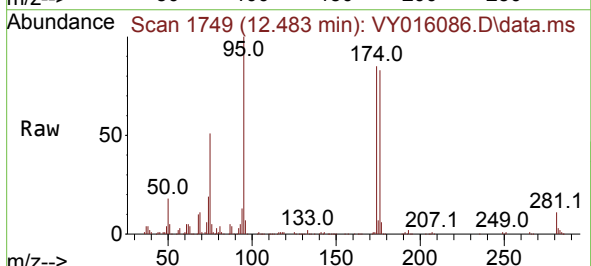
Instrument :
MSVOA_Y
ClientSampleId :

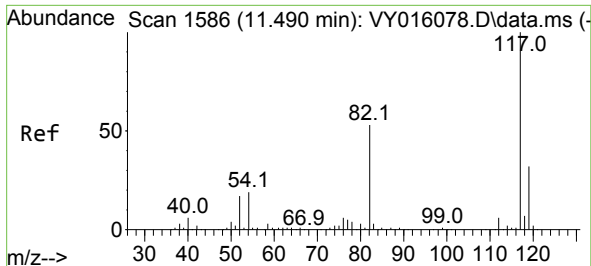
Tgt Ion: 98 Resp: 287536
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.110 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

Tgt Ion: 95 Resp: 94492
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 82.0 0.0 173.8

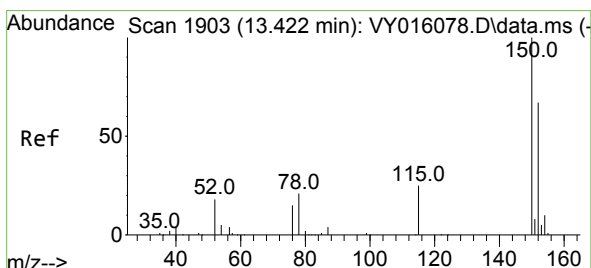
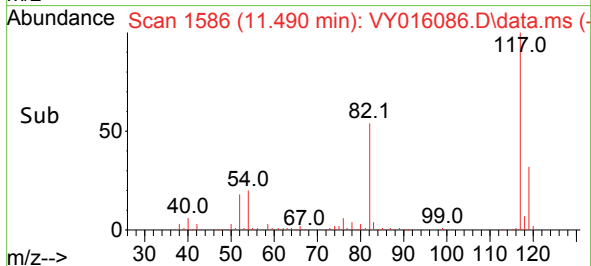
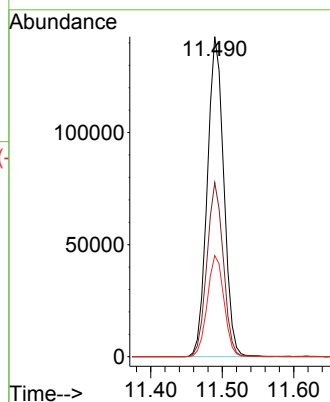
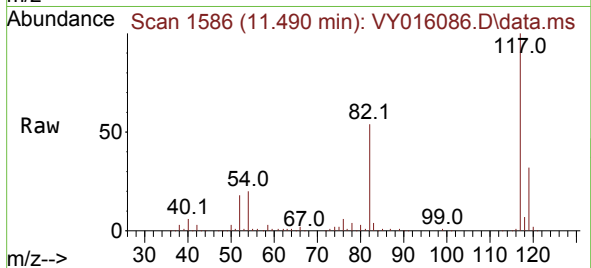




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

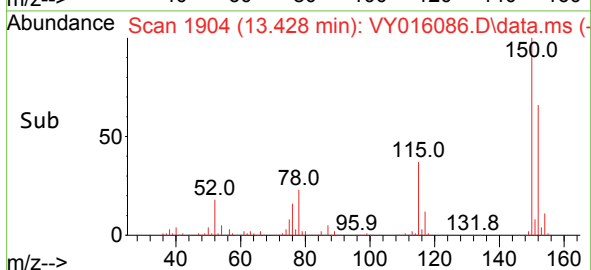
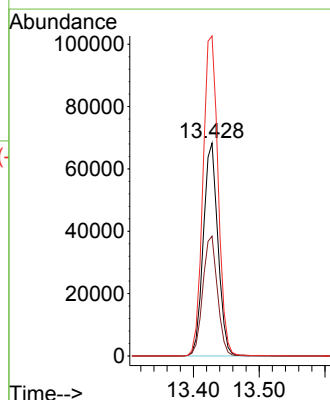
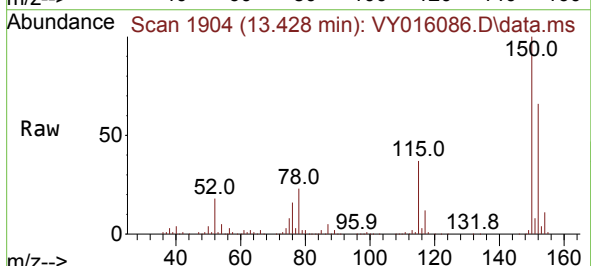
Instrument :
MSVOA_Y
ClientSampleId :

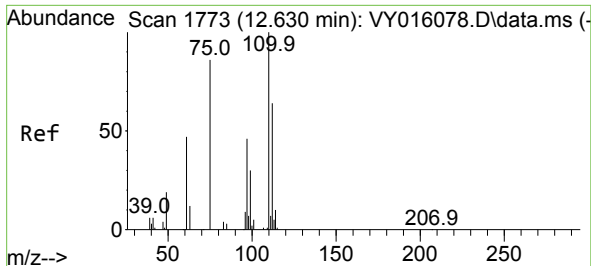
Tgt Ion:117 Resp: 229053
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

Tgt Ion:152 Resp: 105291
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 156.1 0.0 348.8

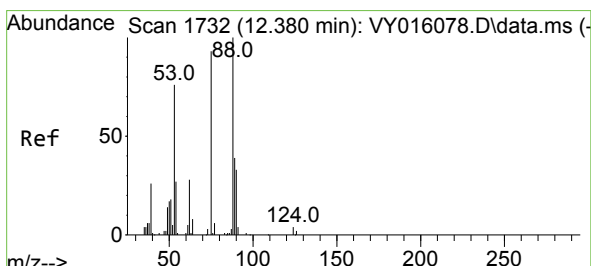
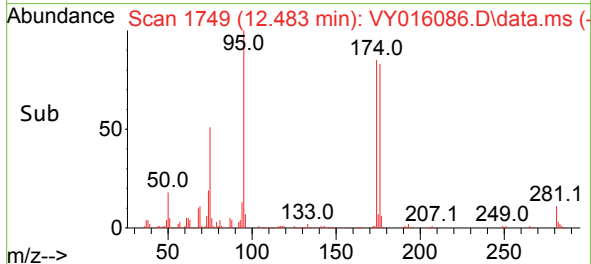
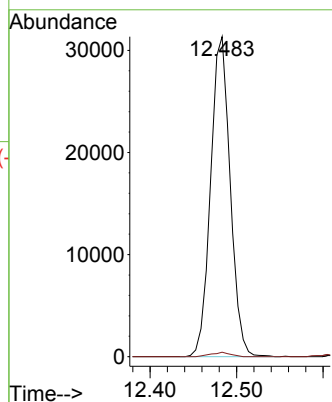
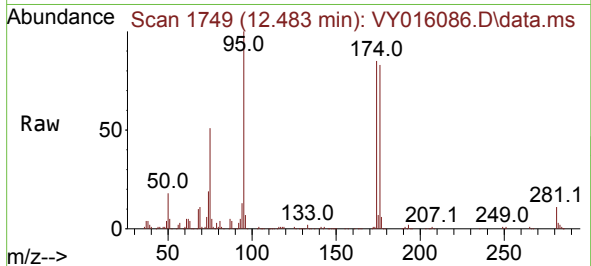




#76
1,2,3-Trichloropropane
Concen: 45.843 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49280
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

Tgt Ion: 75 Resp: 49280
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

