

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016106.D
 Acq On : 27 Oct 2023 15:33
 Operator : SY/MD
 Sample : 05050-09RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:09:27 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)

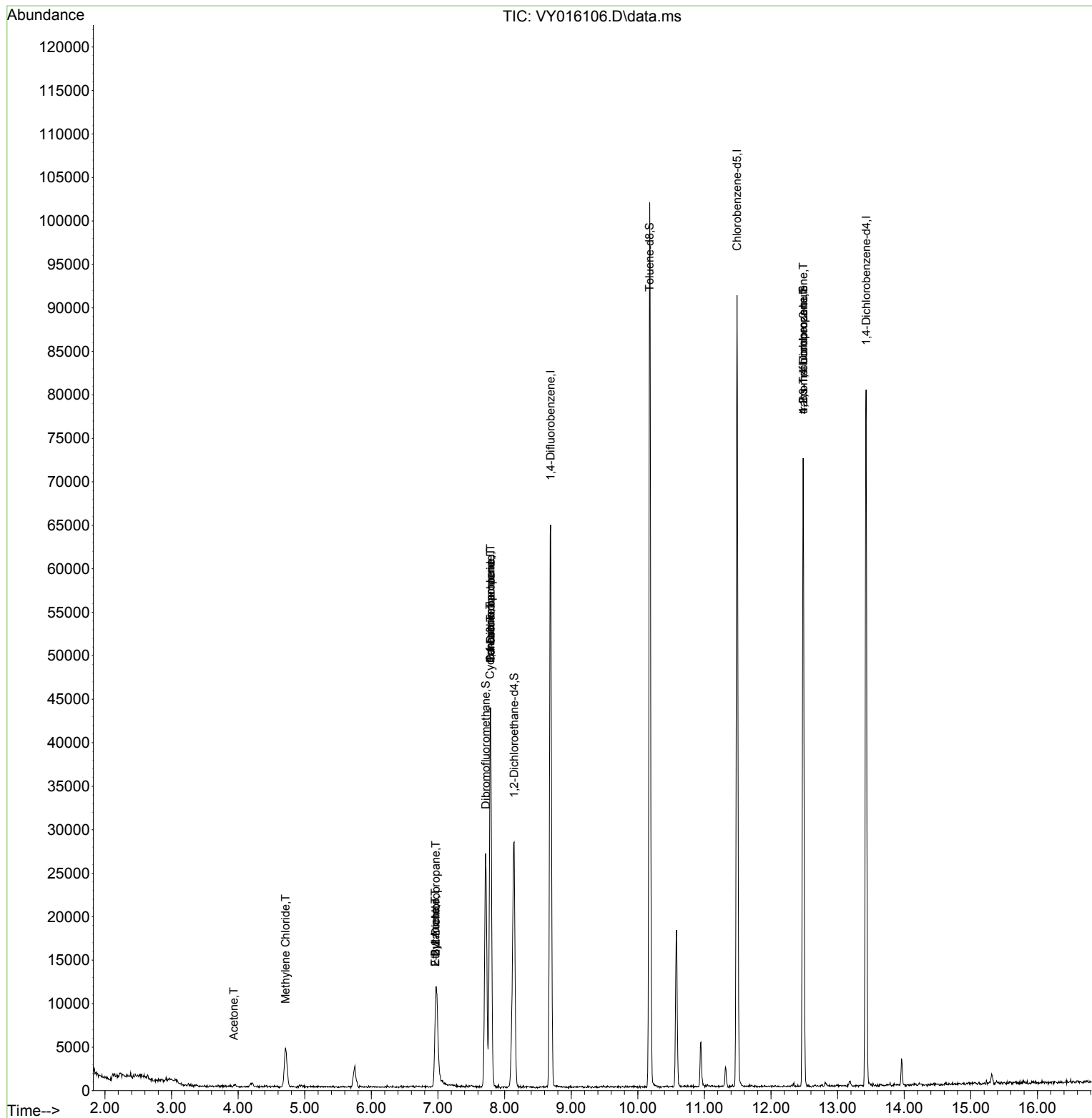
Internal Standards						
1) Pentafluorobenzene	7.789	168	34568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	57614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	51229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	19933	57.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.980%	
35) Dibromofluoromethane	7.716	113	18949	52.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.200%	
50) Toluene-d8	10.179	98	67333	49.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	12.483	95	19902	43.065	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	163	Below Cal	#	89
16) Acetone	3.936	43	159	1.707	ug/l #	46
20) Methylene Chloride	4.710	84	3570	4.538	ug/l #	80
25) 2-Butanone	6.960	43	260	2.068	ug/l #	49
26) 2,2-Dichloropropane	6.966	77	986	1.744	ug/l #	54
31) Cyclohexane	7.783	56	685	1.267	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	2697	5.320	ug/l #	52
37) Ethyl Acetate	6.960	43	260	1.001	ug/l #	1
38) Carbon Tetrachloride	7.789	117	3653	6.814	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	10312	47.609	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	10312	103.460	ug/l #	10

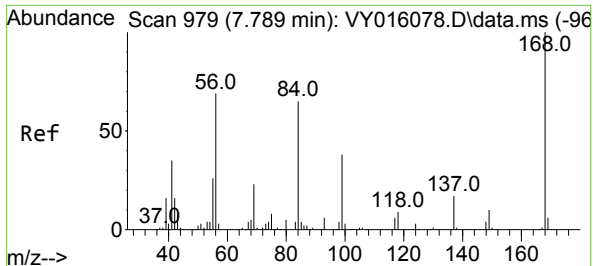
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016106.D
Acq On : 27 Oct 2023 15:33
Operator : SY/MD
Sample : 05050-09RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

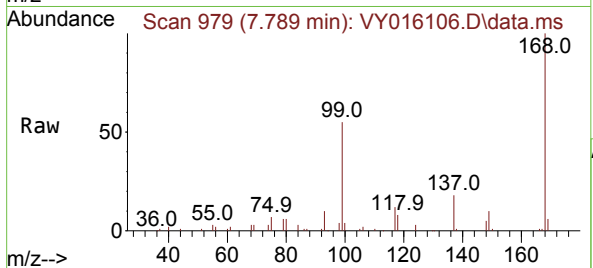
Quant Time: Oct 30 06:09:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



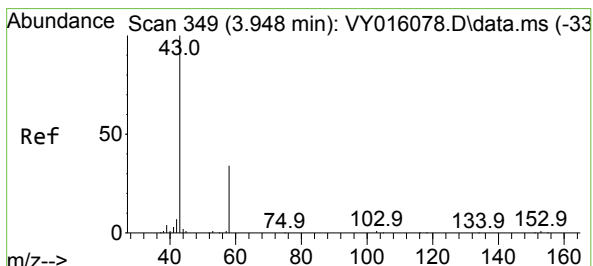
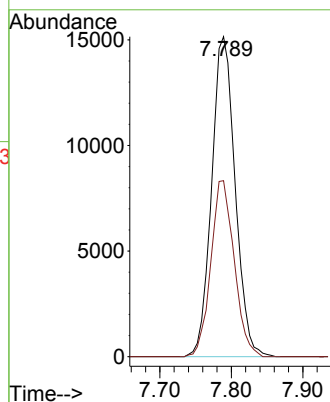
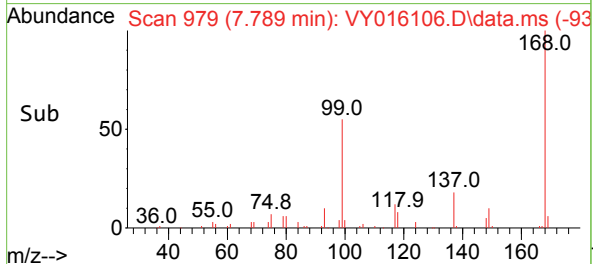


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Instrument :
MSVOA_Y
ClientSampleId :

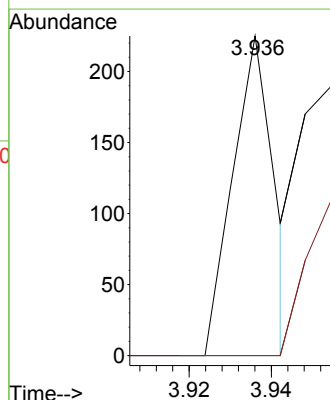
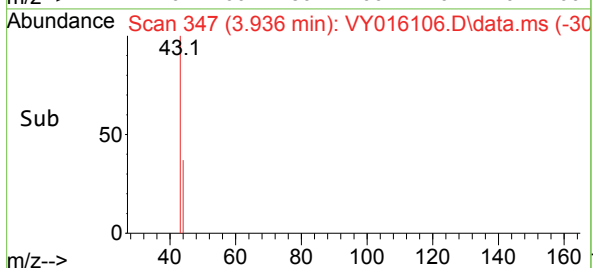
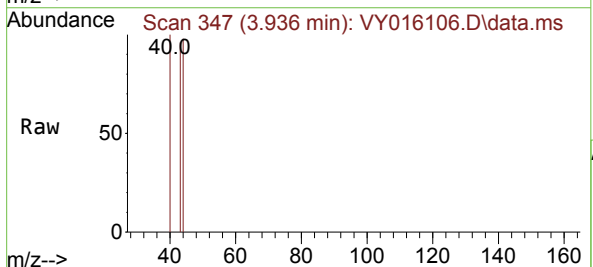


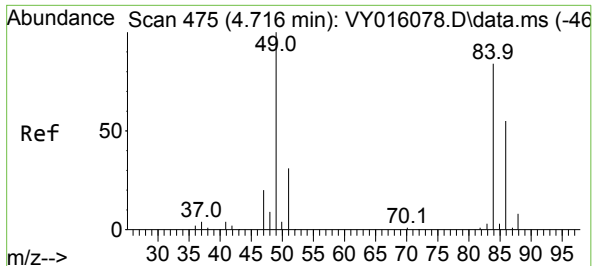
Tgt Ion:168 Resp: 34568
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#16
Acetone
Concen: 1.707 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

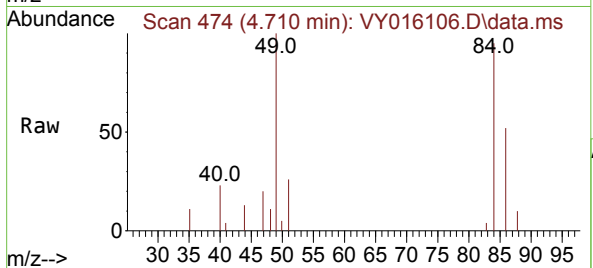
Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



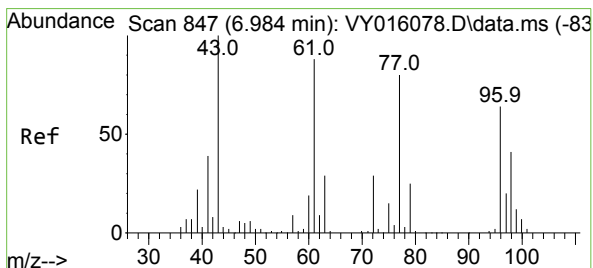
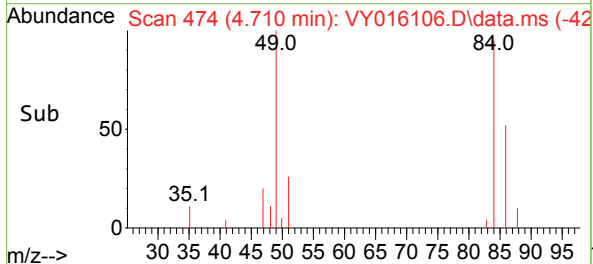
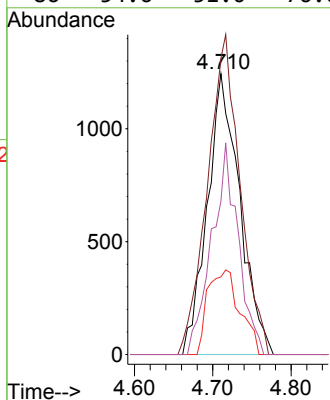


#20
Methylene Chloride
Concen: 4.538 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Instrument :
MSVOA_Y
ClientSampleId :

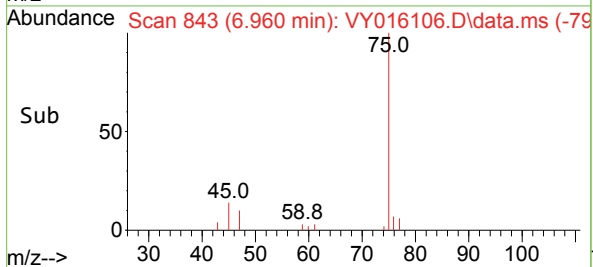
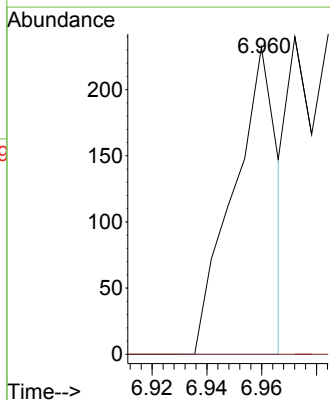
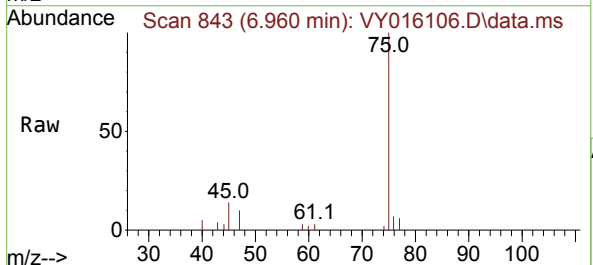


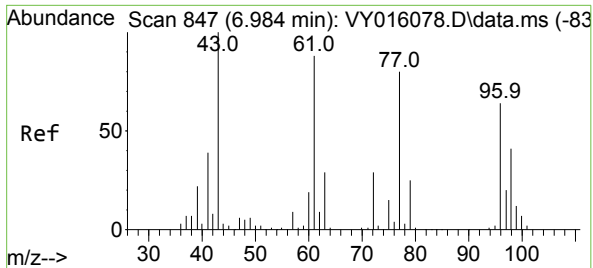
Tgt Ion: 84 Resp: 3570
Ion Ratio Lower Upper
84 100
49 105.5 106.9 160.3#
51 27.7 33.2 49.8#
86 54.6 51.0 76.6



#25
2-Butanone
Concen: 2.068 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.024 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

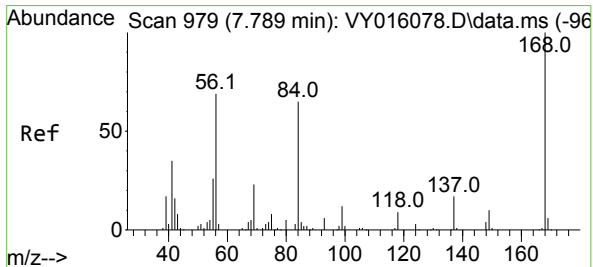
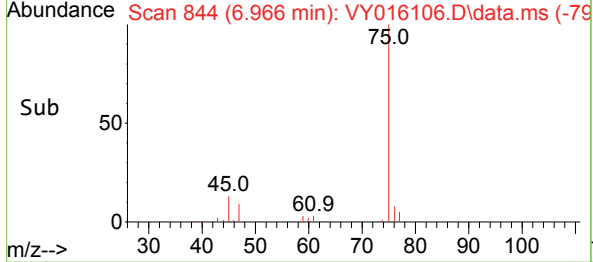
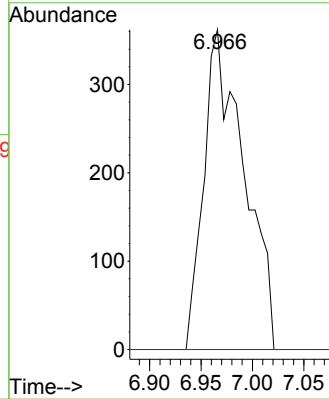
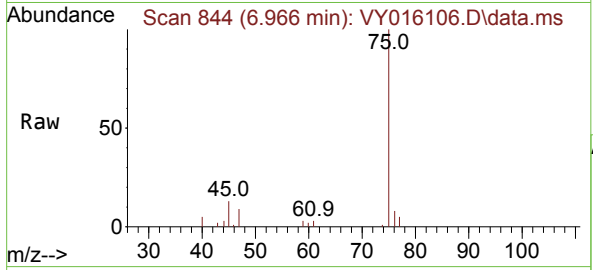




#26
2,2-Dichloropropane
Concen: 1.744 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

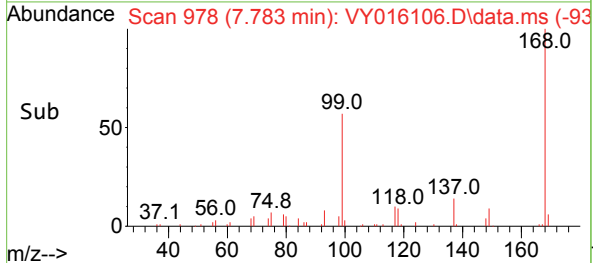
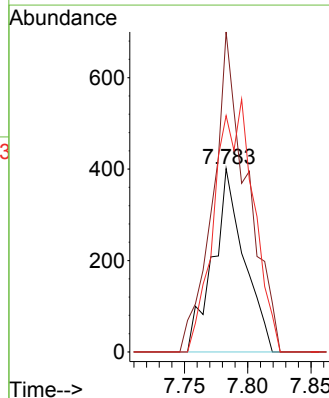
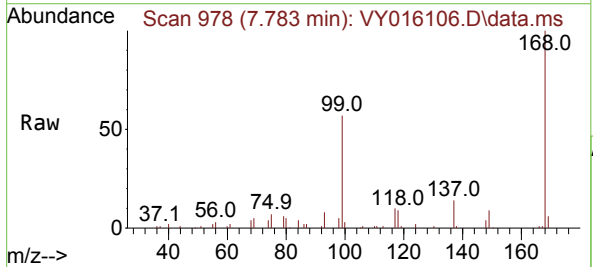
Instrument :
MSVOA_Y
ClientSampleId :

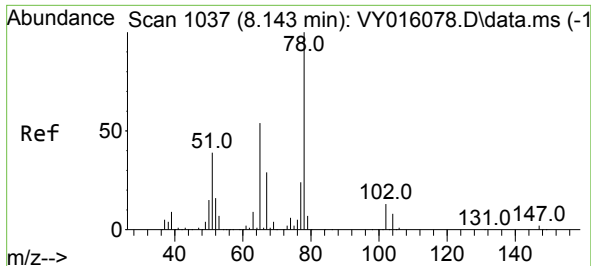
Tgt Ion: 77 Resp: 986
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Tgt Ion: 56 Resp: 685
Ion Ratio Lower Upper
56 100
69 174.6 27.8 41.6#
84 128.9 66.4 99.6#

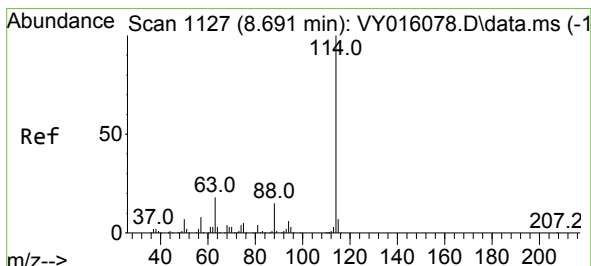
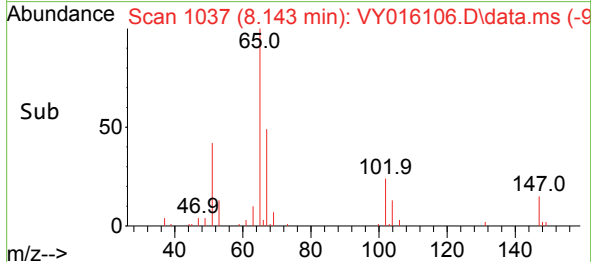
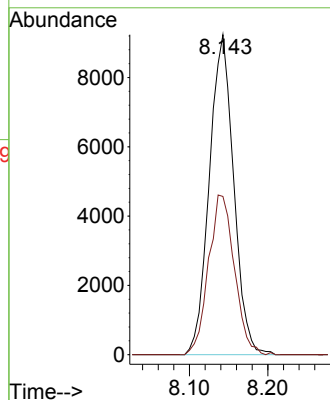
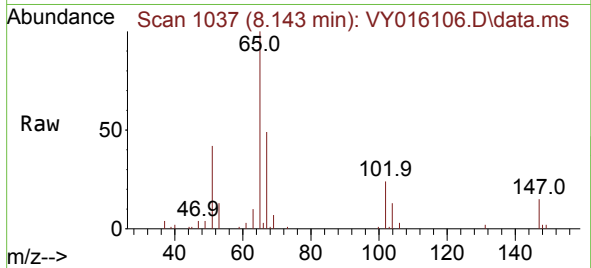




#33
 1,2-Dichloroethane-d4
 Concen: 57.990 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY016106.D
 Acq: 27 Oct 2023 15:33

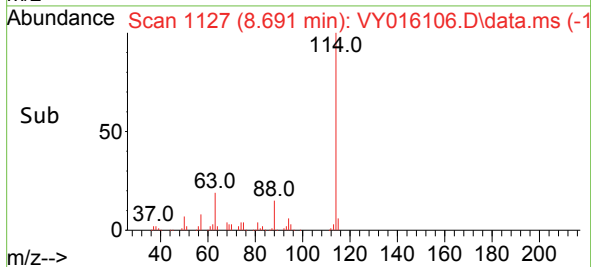
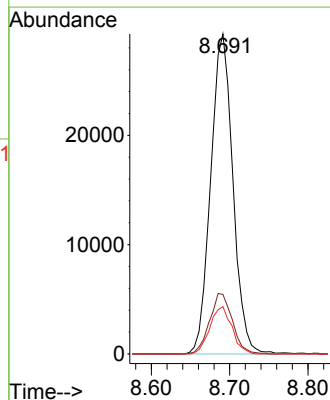
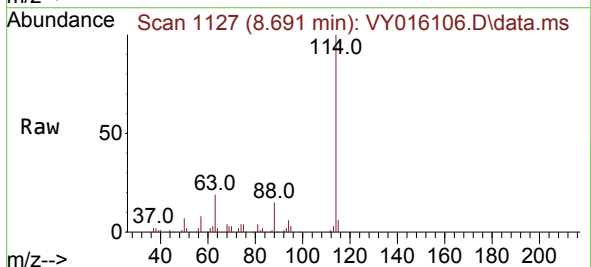
Instrument :
 MSVOA_Y
 ClientSampleId :

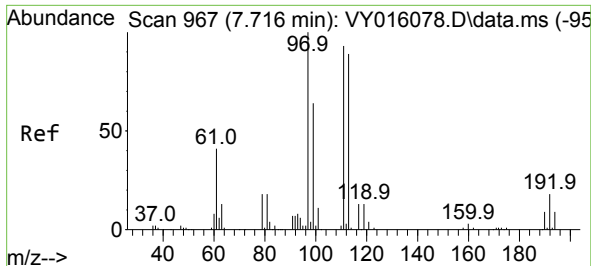
Tgt Ion: 65 Resp: 19933
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY016106.D
 Acq: 27 Oct 2023 15:33

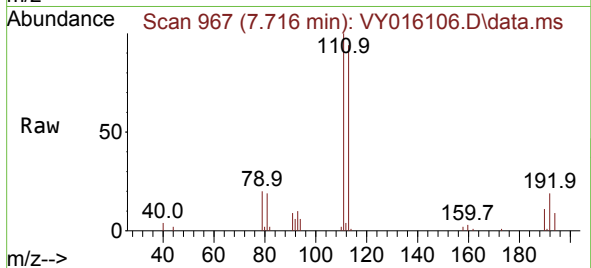
Tgt Ion: 114 Resp: 57614
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 14.8 0.0 30.6



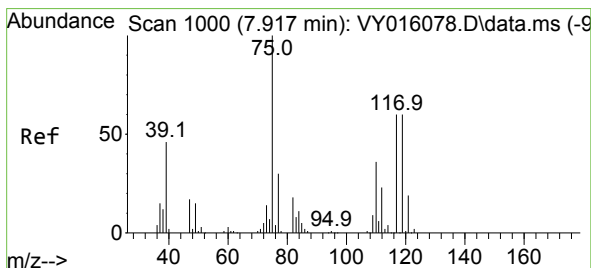
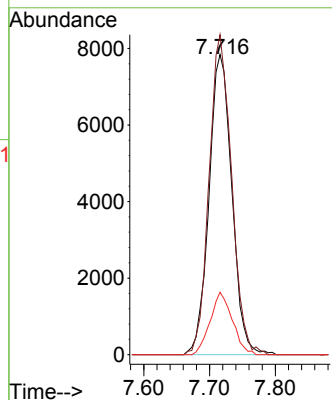
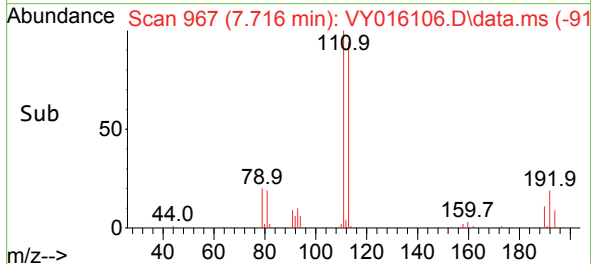


#35
Dibromofluoromethane
Concen: 52.099 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Instrument :
MSVOA_Y
ClientSampleId :

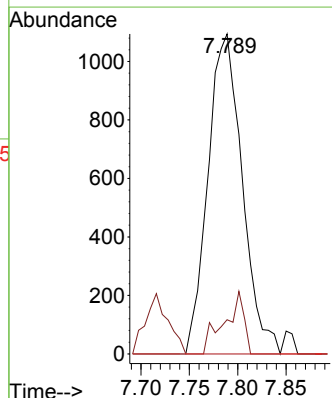
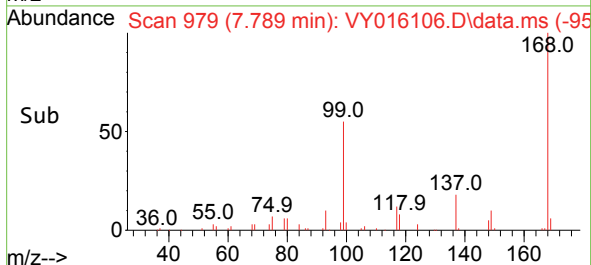
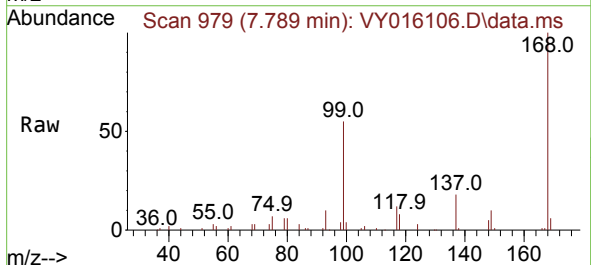


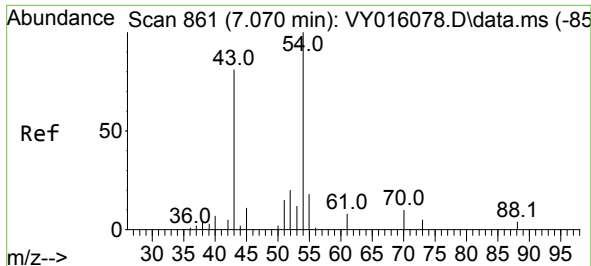
Tgt Ion:113 Resp: 18949
Ion Ratio Lower Upper
113 100
111 104.8 81.3 121.9
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.320 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Tgt Ion: 75 Resp: 2697
Ion Ratio Lower Upper
75 100
110 11.2 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.001 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.110 min

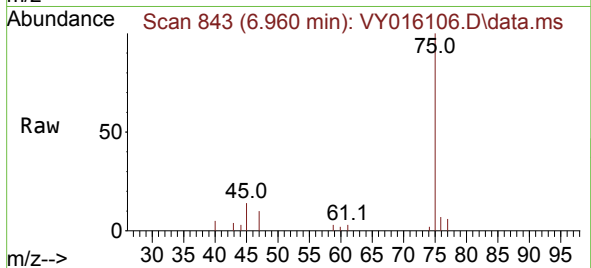
Lab File: VY016106.D

Acq: 27 Oct 2023 15:33

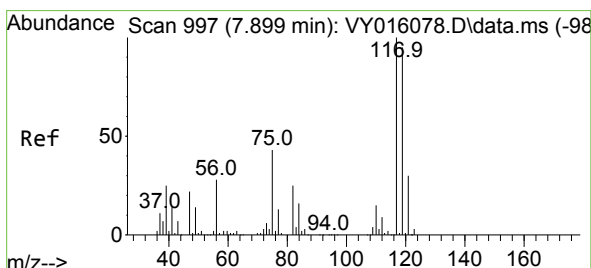
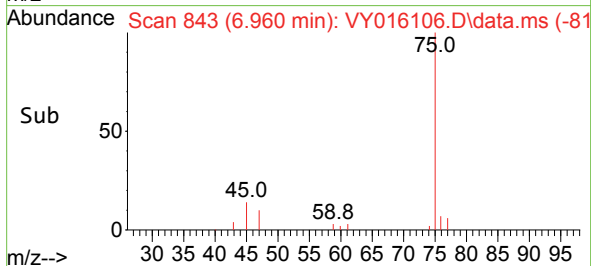
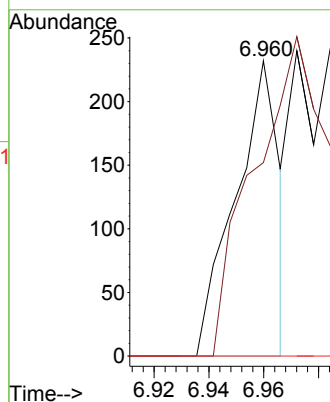
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 260
Ion Ratio	Lower Upper
43	100
61	244.2 10.1 15.1#
70	0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.814 ug/l

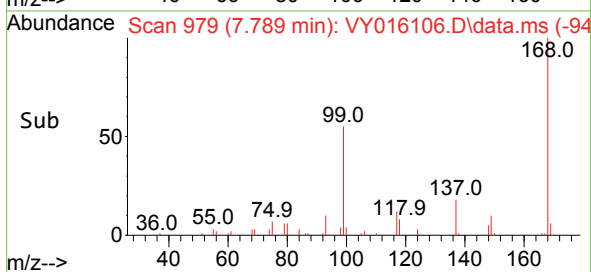
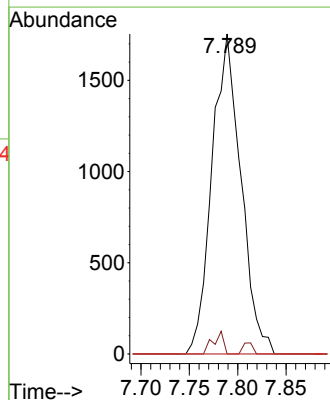
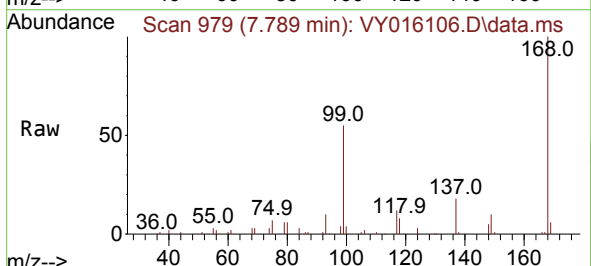
RT: 7.789 min Scan# 979

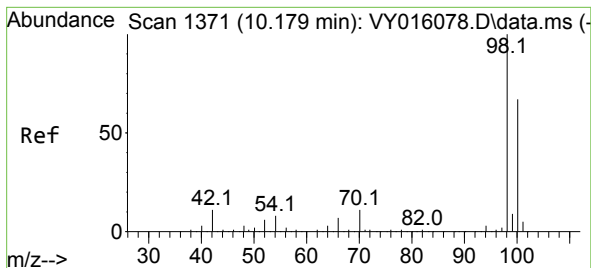
Delta R.T. -0.110 min

Lab File: VY016106.D

Acq: 27 Oct 2023 15:33

Tgt Ion: 117	Resp: 3653
Ion Ratio	Lower Upper
117	100
119	0.0 76.4 114.6#
121	0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.978 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016106.D

Acq: 27 Oct 2023 15:33

Instrument :

MSVOA_Y

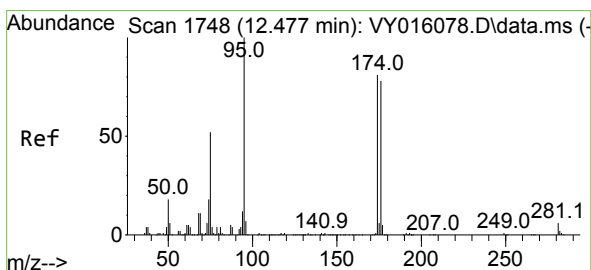
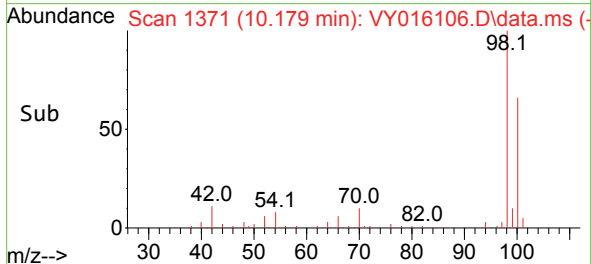
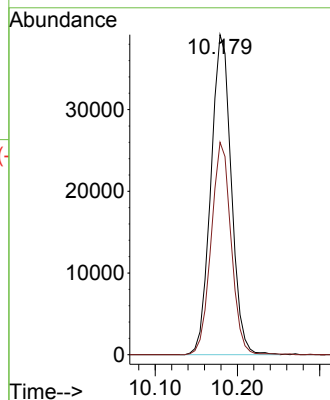
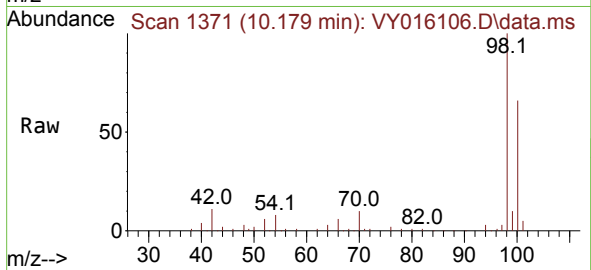
ClientSampleId :

Tgt Ion: 98 Resp: 67333

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 43.065 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016106.D

Acq: 27 Oct 2023 15:33

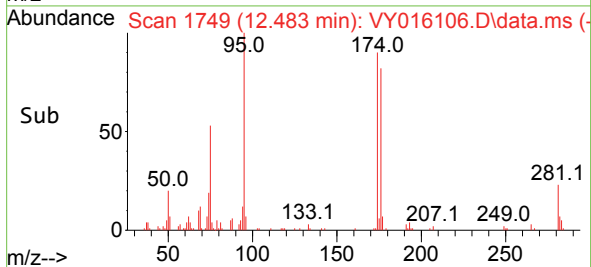
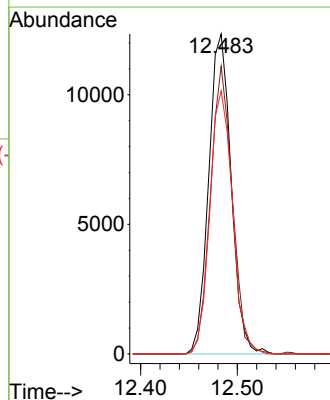
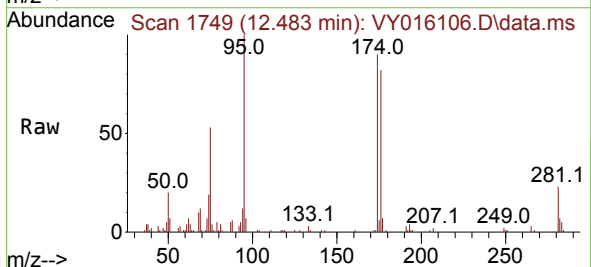
Tgt Ion: 95 Resp: 19902

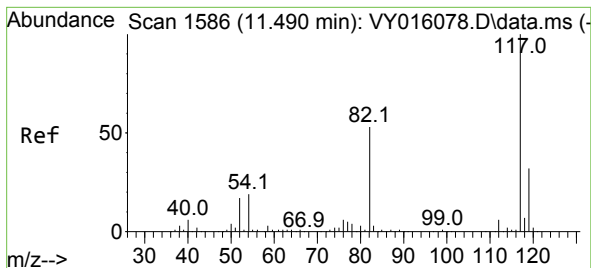
Ion Ratio Lower Upper

95 100

174 87.3 0.0 178.2

176 83.0 0.0 173.8

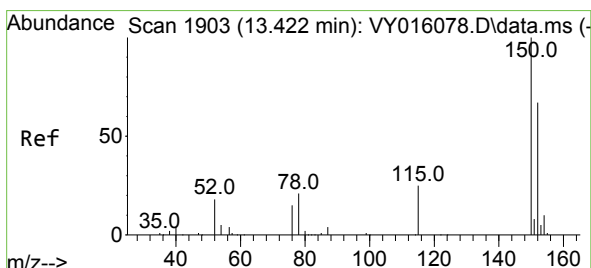
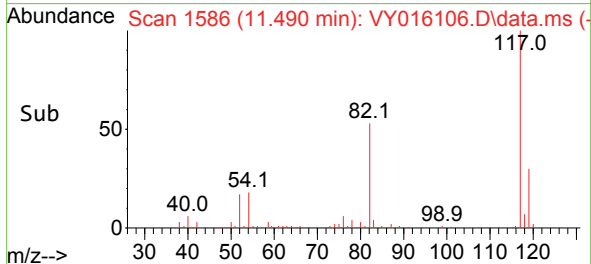
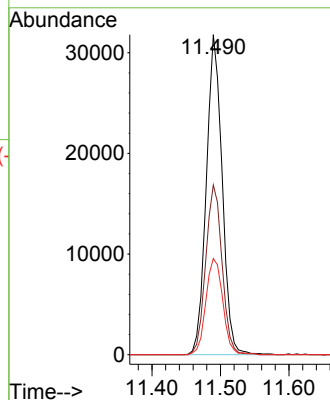
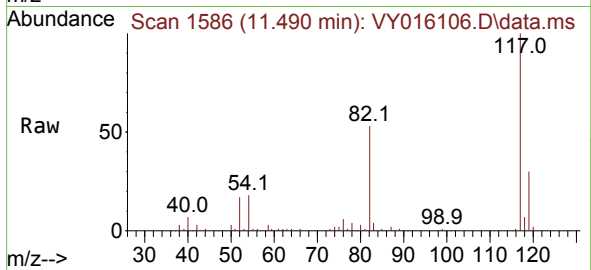




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

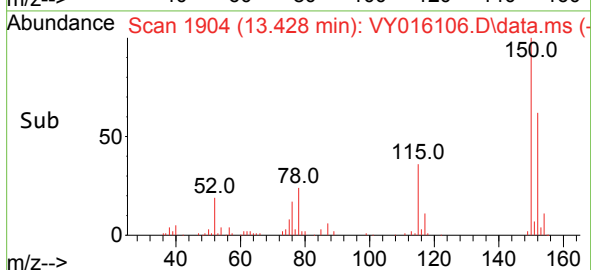
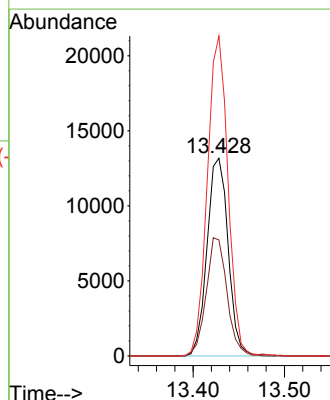
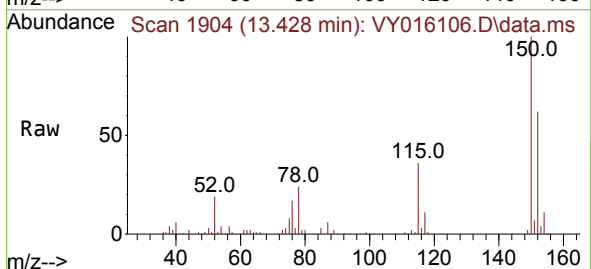
Instrument :
MSVOA_Y
ClientSampleId :

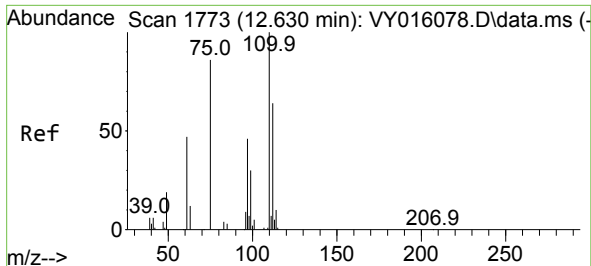
Tgt Ion:117 Resp: 51229
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 30.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Tgt Ion:152 Resp: 21215
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 157.7 0.0 348.8

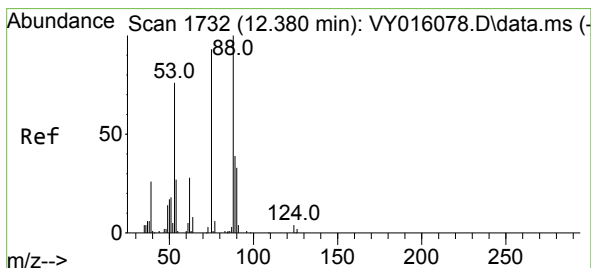
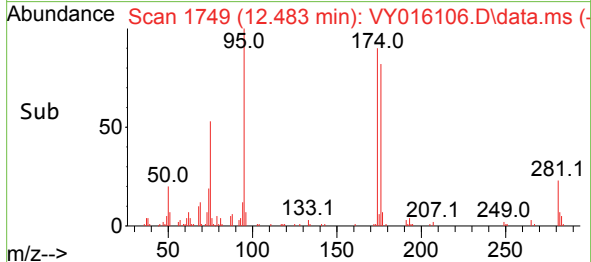
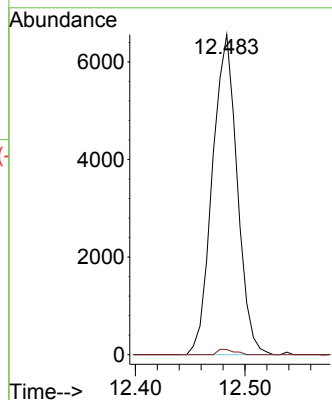
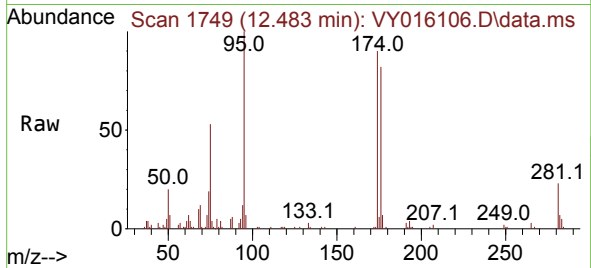




#76
1,2,3-Trichloropropane
Concen: 47.609 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 10312
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.460 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Tgt Ion: 75 Resp: 10312
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

