

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016133.D
 Acq On : 30 Oct 2023 15:01
 Operator : SY/MD
 Sample : 05108-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 01:30:39 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)

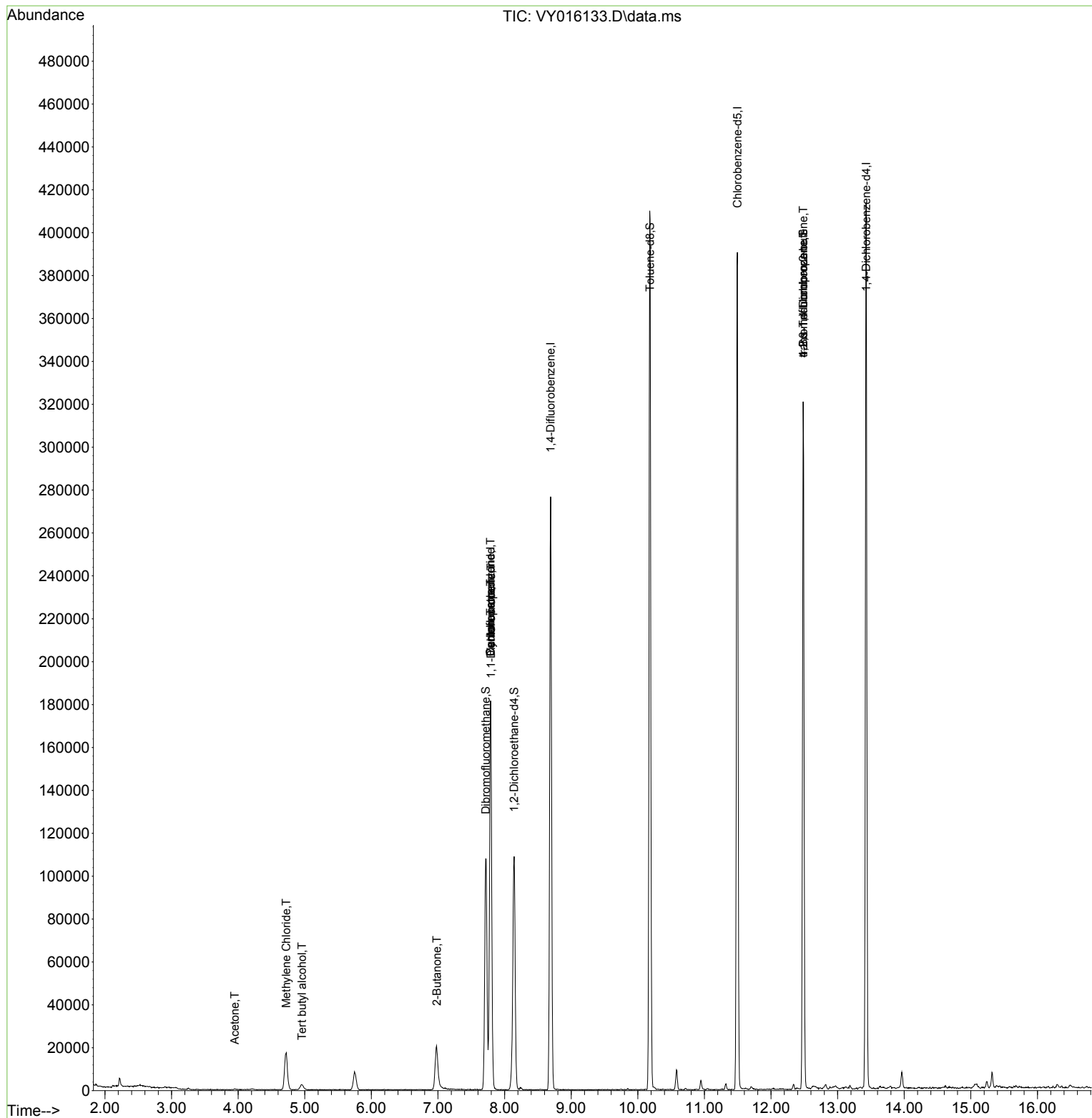
Internal Standards						
1) Pentafluorobenzene	7.789	168	143597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	222756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83531	58.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.000%	
35) Dibromofluoromethane	7.716	113	77790	51.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.400%	
50) Toluene-d8	10.185	98	280710	49.875	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.483	95	96291	49.876	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	5099	1.121	ug/l #	87
16) Acetone	3.948	43	625	1.615	ug/l #	89
20) Methylene Chloride	4.722	84	13328	3.409	ug/l #	85
25) 2-Butanone	6.984	43	1083	2.073	ug/l #	85
31) Cyclohexane	7.789	56	2865	1.275	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10534	4.974	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13778	6.152	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	51457	47.559	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51457	103.351	ug/l #	10

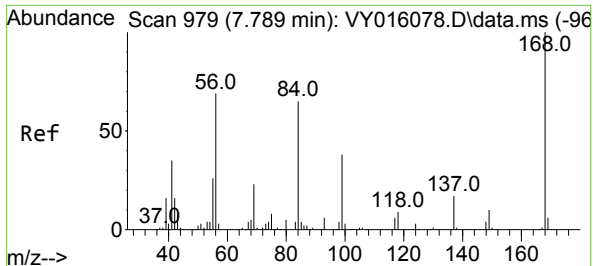
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
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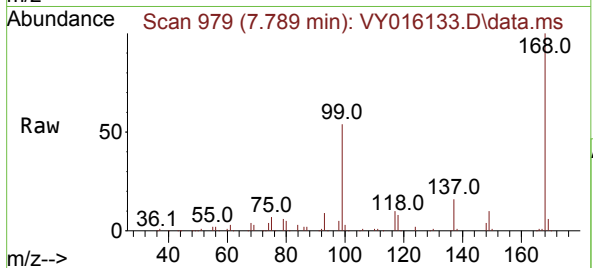
Quant Time: Oct 31 01:30:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



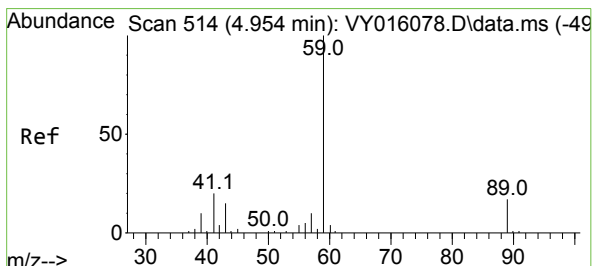
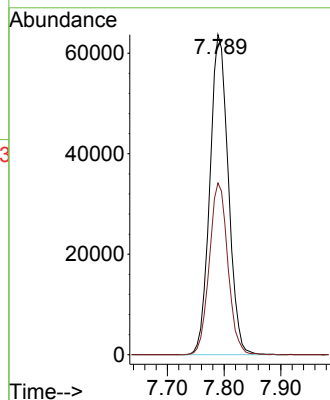
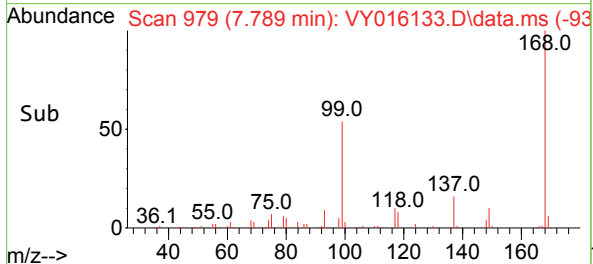


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :

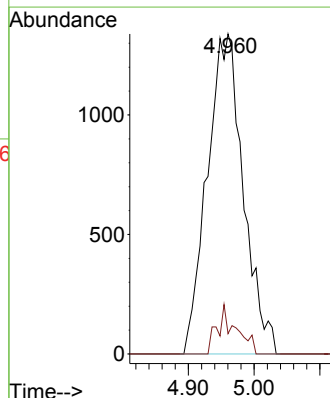
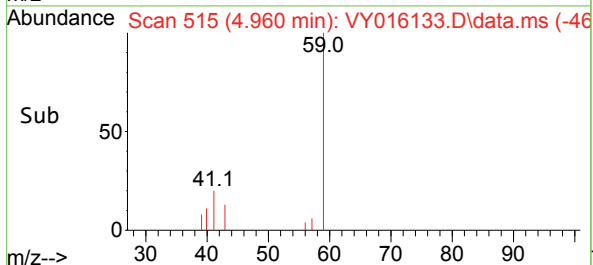
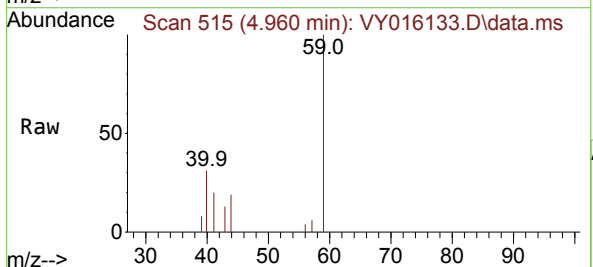


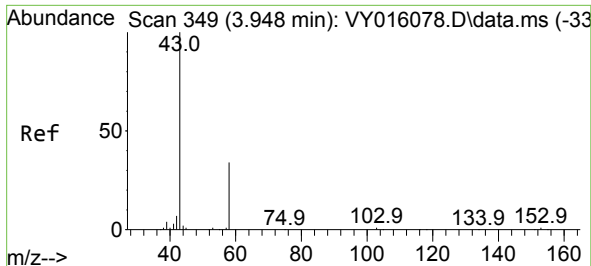
Tgt Ion:168 Resp: 143597
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.121 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

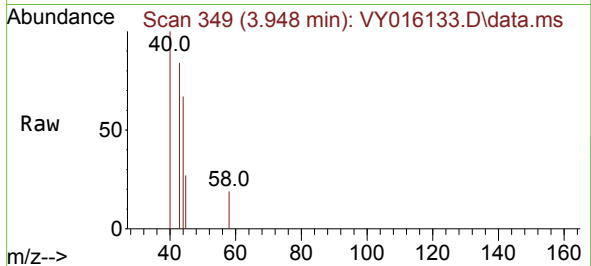
Tgt Ion: 59 Resp: 5099
Ion Ratio Lower Upper
59 100
57 8.0 3.0 4.4#



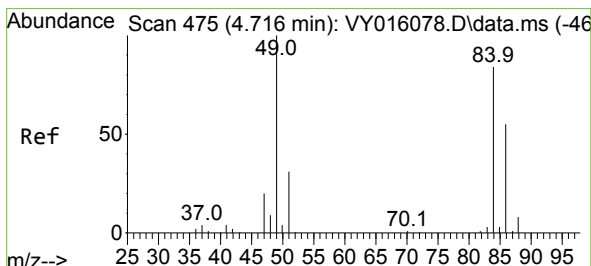
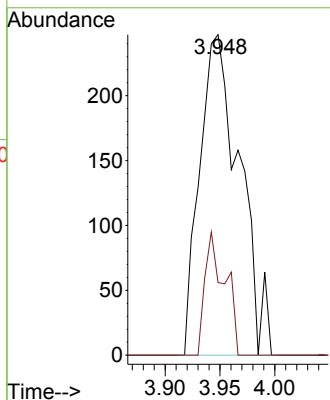
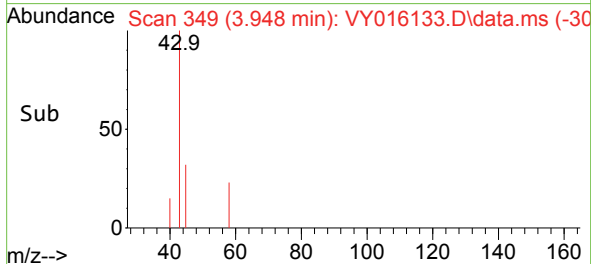


#16
Acetone
Concen: 1.615 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :

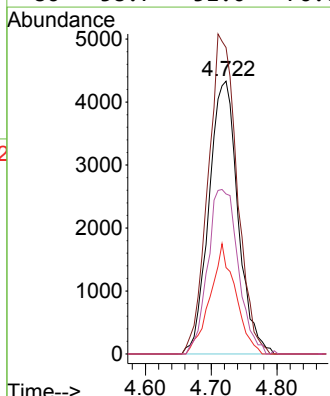
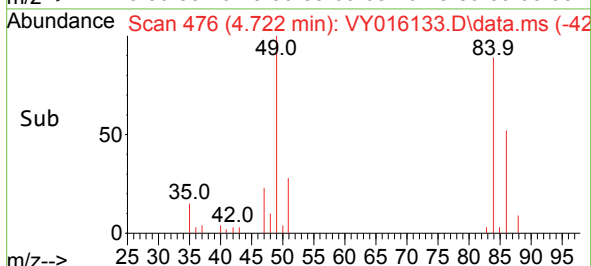
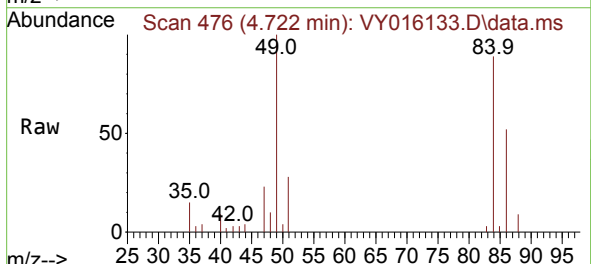


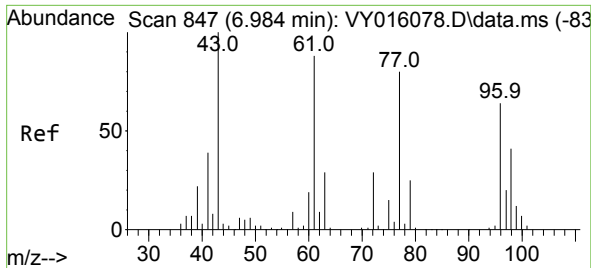
Tgt Ion: 43 Resp: 625
Ion Ratio Lower Upper
43 100
58 22.7 22.7 34.1#



#20
Methylene Chloride
Concen: 3.409 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

Tgt Ion: 84 Resp: 13328
Ion Ratio Lower Upper
84 100
49 112.3 106.9 160.3
51 31.7 33.2 49.8#
86 58.7 51.0 76.6

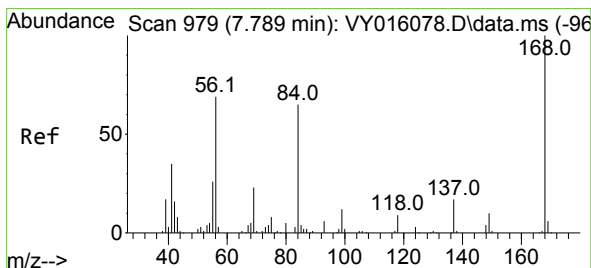
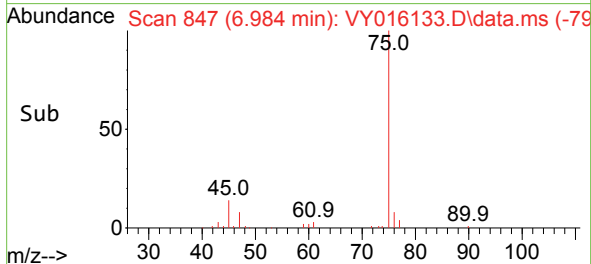
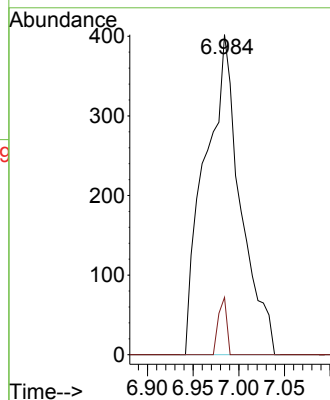
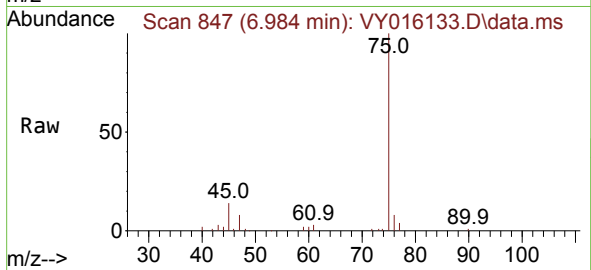




#25
2-Butanone
Concen: 2.073 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

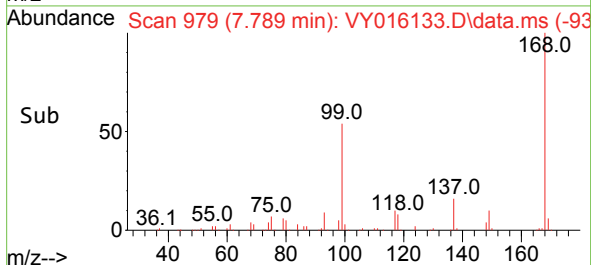
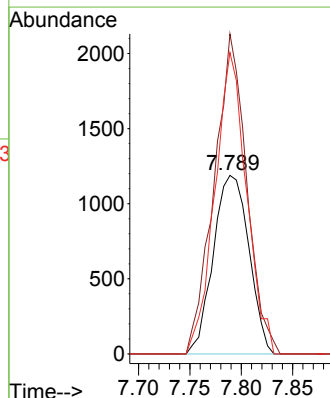
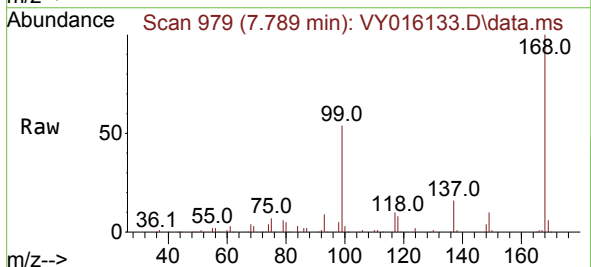
Instrument :
MSVOA_Y
ClientSampleId :

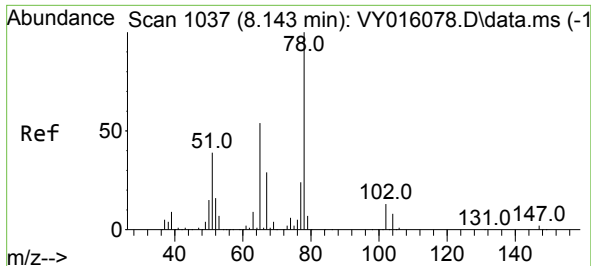
Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
72 17.9 20.5 30.7#



#31
Cyclohexane
Concen: 1.275 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

Tgt Ion: 56 Resp: 2865
Ion Ratio Lower Upper
56 100
69 179.1 27.8 41.6#
84 168.8 66.4 99.6#

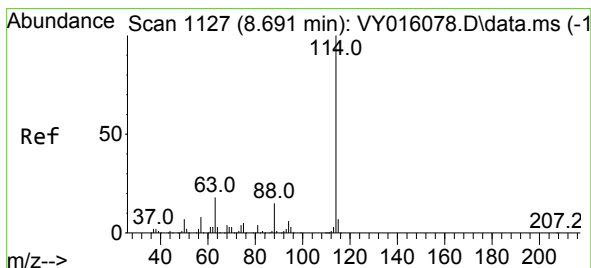
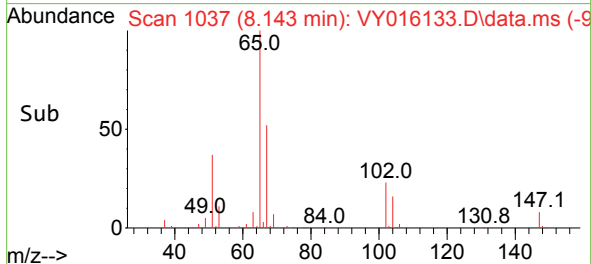
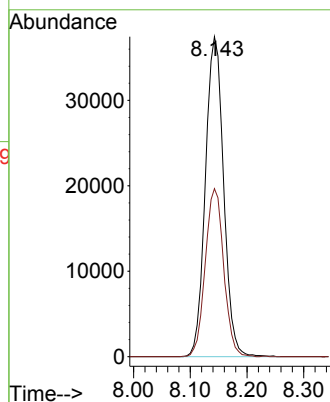
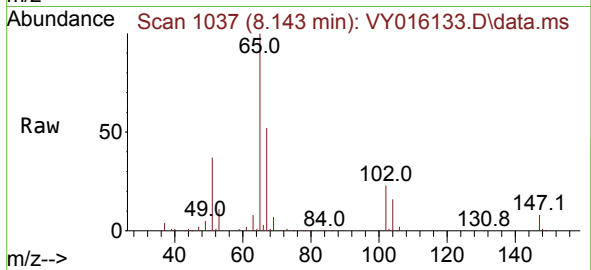




#33
 1,2-Dichloroethane-d4
 Concen: 58.500 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY016133.D
 Acq: 30 Oct 2023 15:01

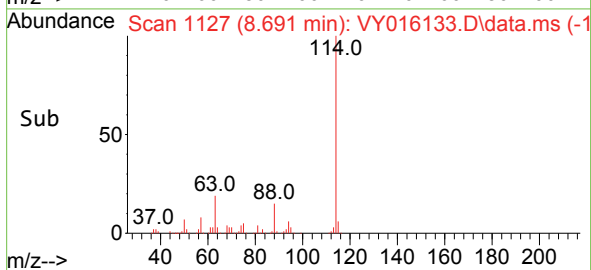
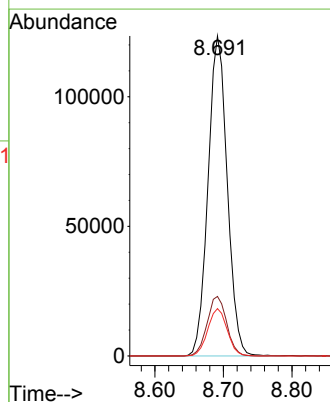
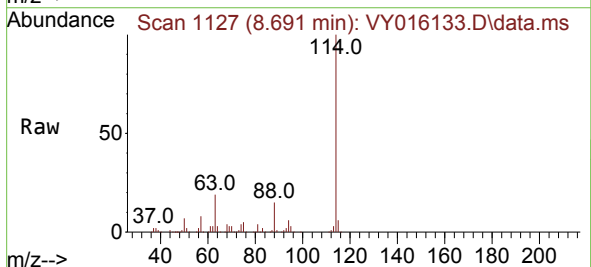
Instrument :
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 ClientSampleId :

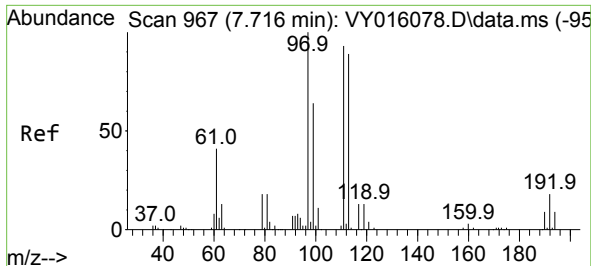
Tgt Ion: 65 Resp: 83531
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY016133.D
 Acq: 30 Oct 2023 15:01

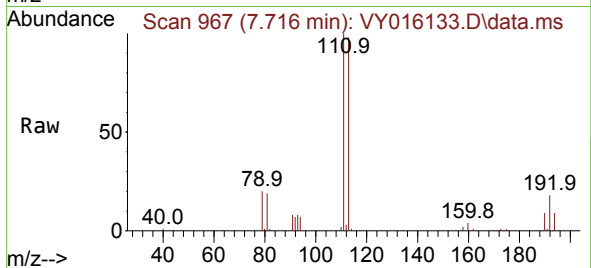
Tgt Ion: 114 Resp: 240685
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 14.8 0.0 30.6



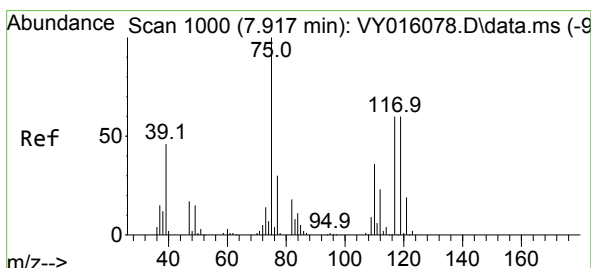
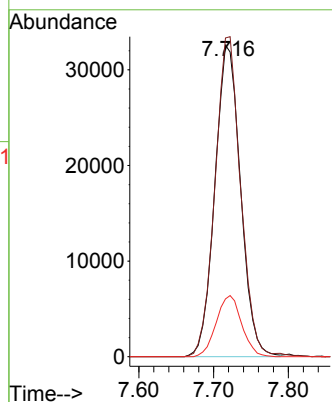
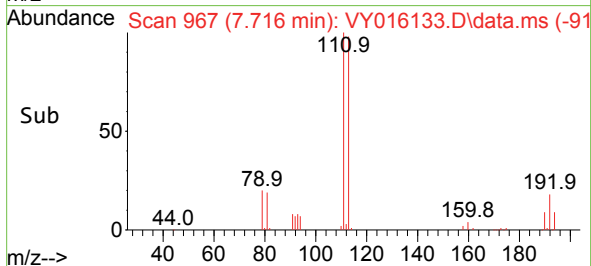


#35
Dibromofluoromethane
Concen: 51.197 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

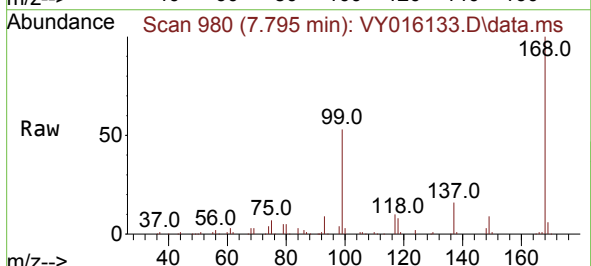
Instrument :
MSVOA_Y
ClientSampleId :



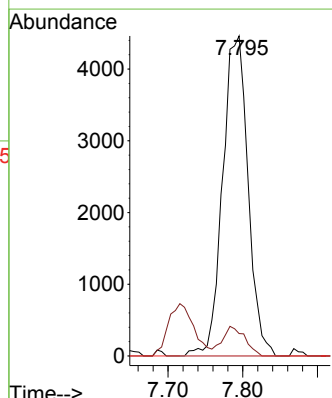
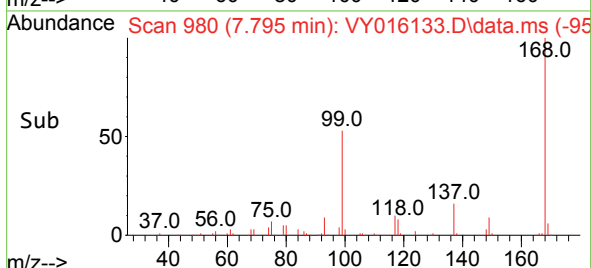
Tgt Ion:113 Resp: 77790
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.5 16.9 25.3

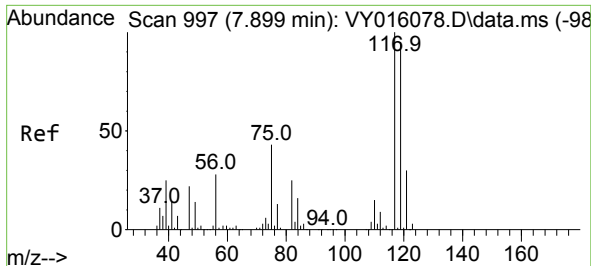


#36
1,1-Dichloropropene
Concen: 4.974 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01



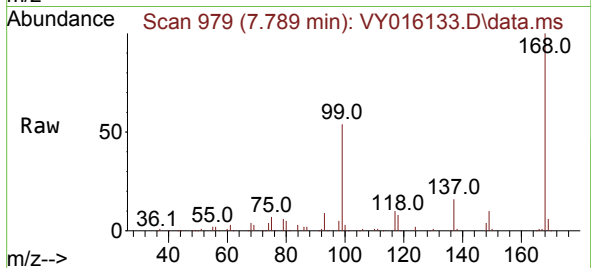
Tgt Ion: 75 Resp: 10534
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#



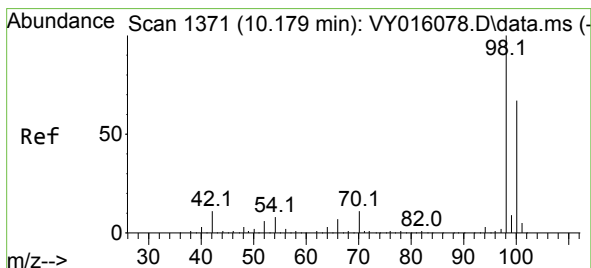
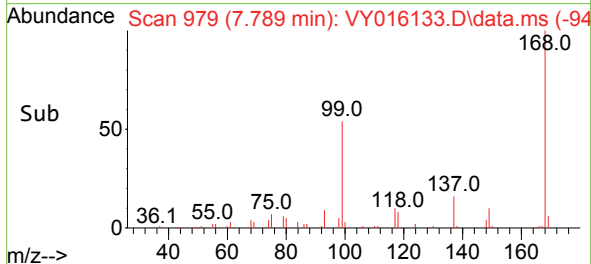
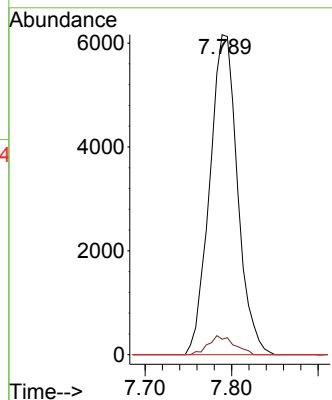


#38
Carbon Tetrachloride
Concen: 6.152 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :

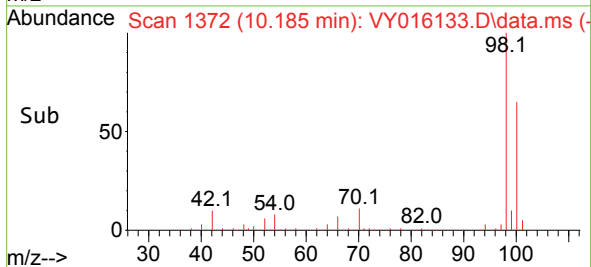
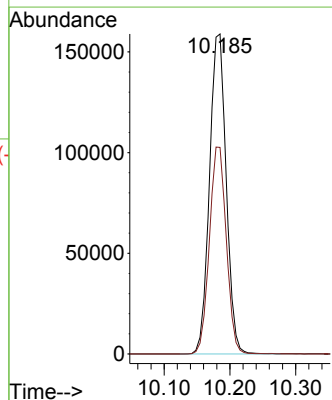
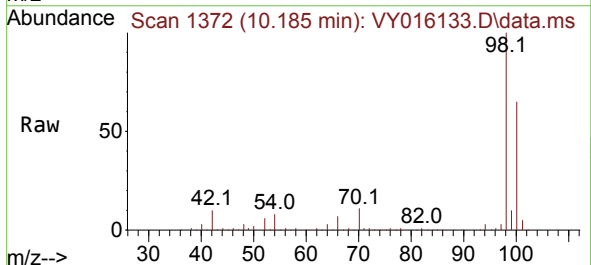


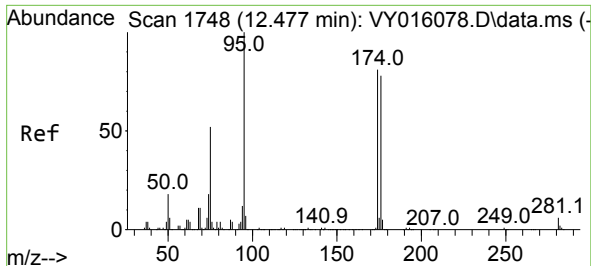
Tgt Ion:117 Resp: 13778
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.875 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

Tgt Ion: 98 Resp: 280710
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

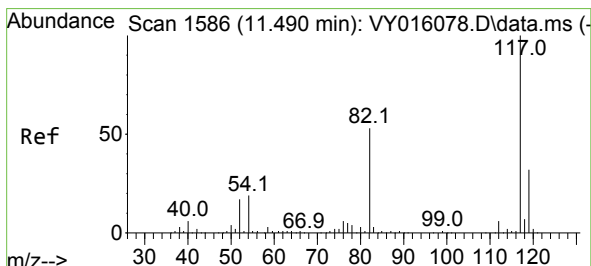
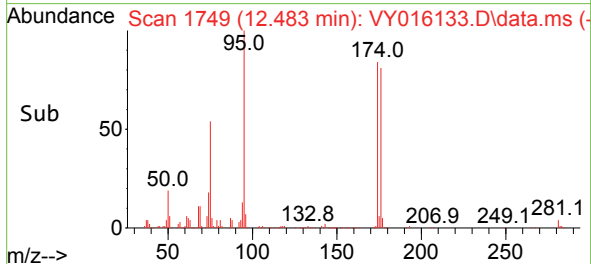
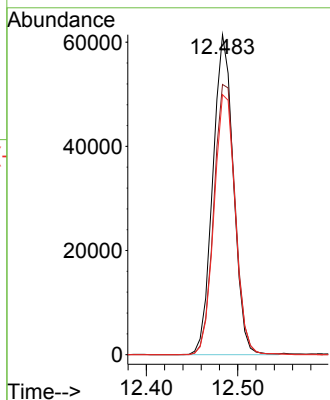
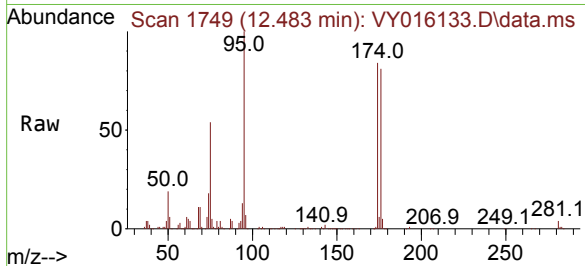




#62
4-Bromofluorobenzene
Concen: 49.876 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

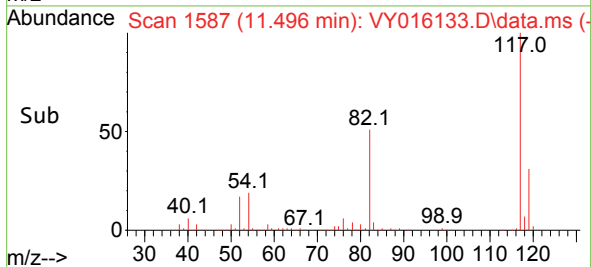
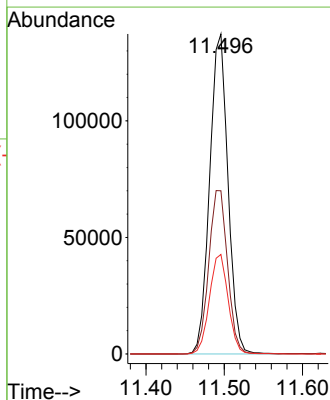
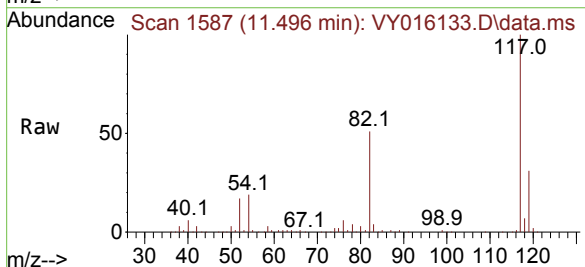
Instrument :
MSVOA_Y
ClientSampleId :

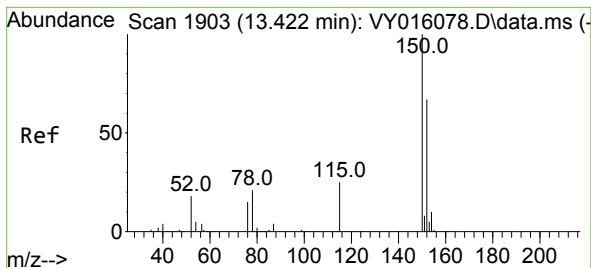
Tgt Ion: 95 Resp: 96291
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.2
176 84.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

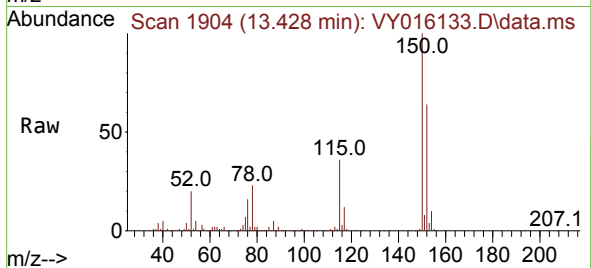
Tgt Ion: 117 Resp: 222756
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 31.1 26.3 39.5



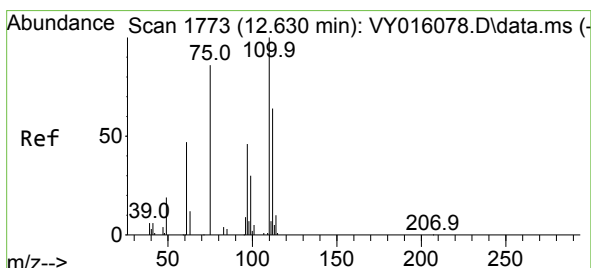
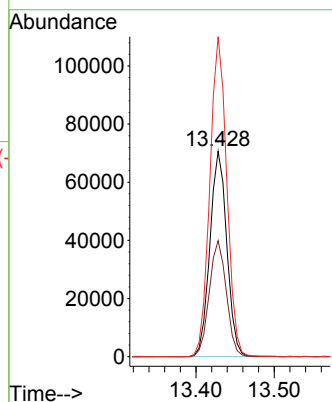
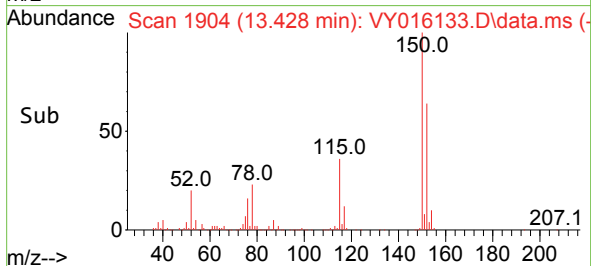


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY016133.D
 Acq: 30 Oct 2023 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :

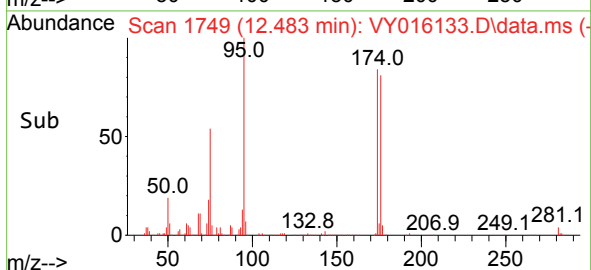
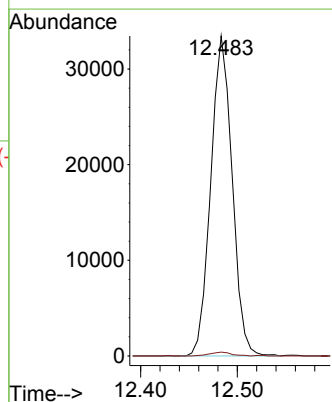
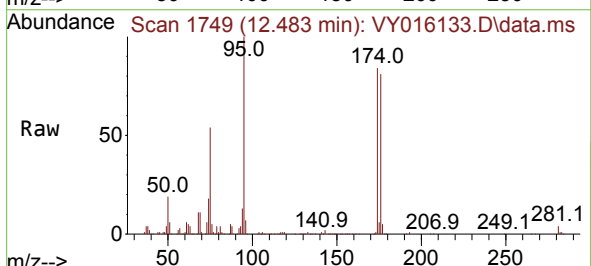


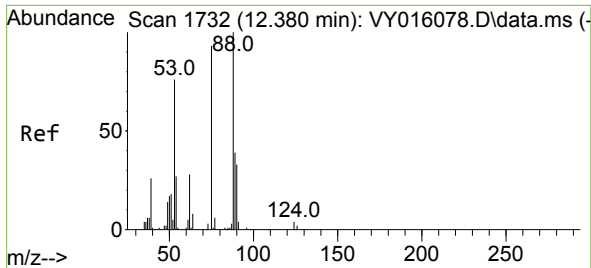
Tgt Ion:152 Resp: 105975
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.8 86.5
 150 155.7 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 47.559 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY016133.D
 Acq: 30 Oct 2023 15:01

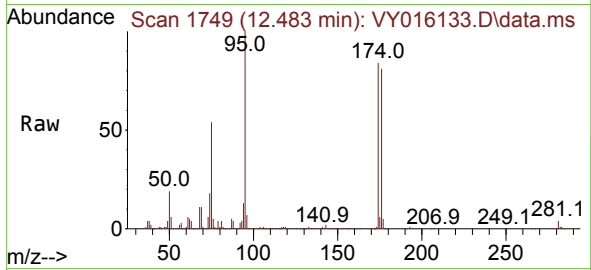
Tgt Ion: 75 Resp: 51457
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.351 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016133.D
 Acq: 30 Oct 2023 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :



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

