

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015929.D
 Acq On : 11 Oct 2023 17:19
 Operator : SY/MD
 Sample : 04825-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 12 01:58:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

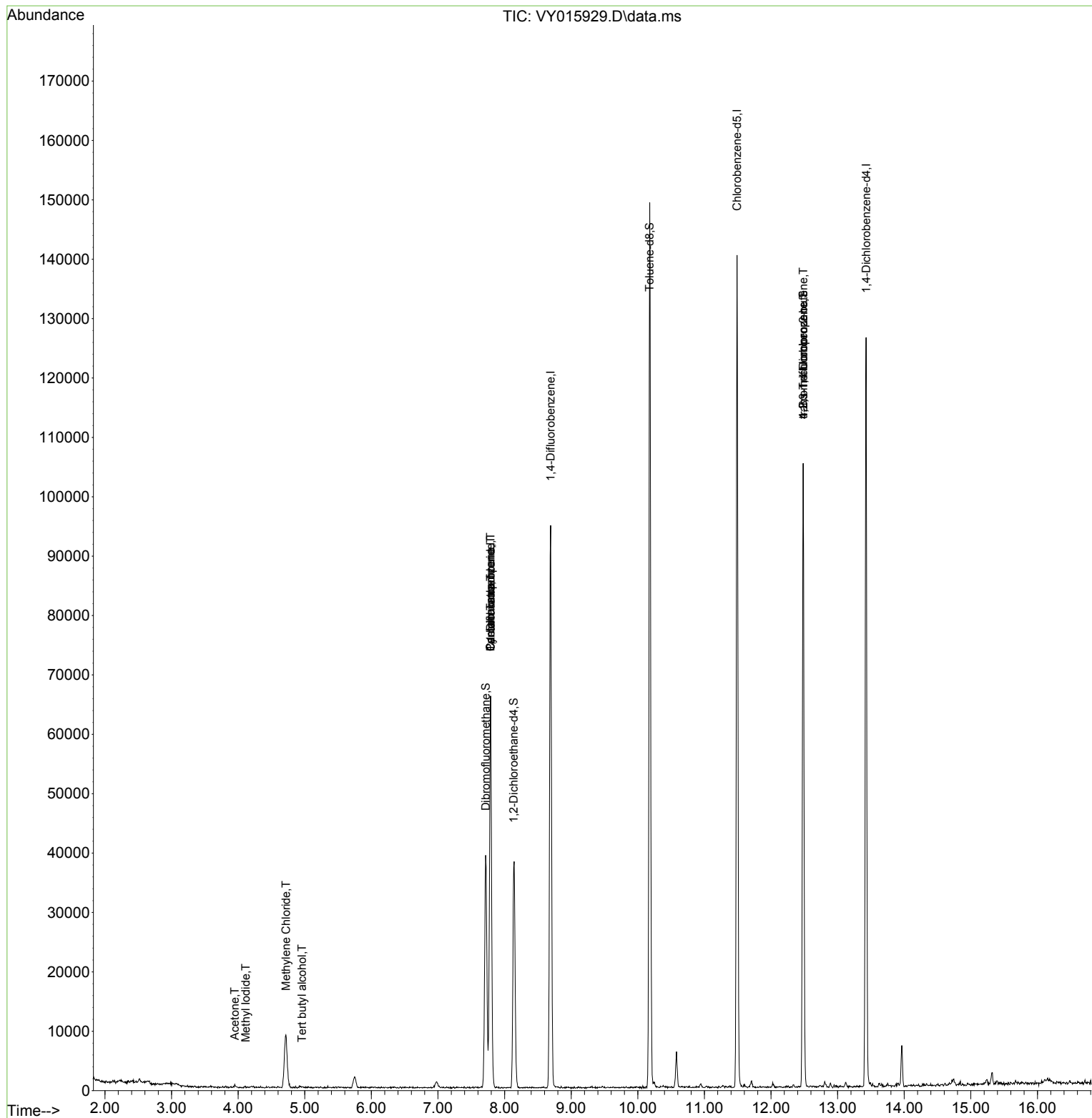
Internal Standards						
1) Pentafluorobenzene	7.789	168	49941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	76682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	30421	67.697	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.400%	
35) Dibromofluoromethane	7.716	113	28331	60.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.920%	
50) Toluene-d8	10.179	98	97140	63.417	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 126.840%	
62) 4-Bromofluorobenzene	12.483	95	31600	50.791	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.580%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	56	2.415	ug/l #	38
11) Tert butyl alcohol	4.960	59	28	11.057	ug/l #	89
16) Acetone	3.948	43	591	8.756	ug/l #	83
20) Methylene Chloride	4.716	84	7141	7.204	ug/l	87
31) Cyclohexane	7.789	56	944	1.961	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	3788	7.359	ug/l #	50
38) Carbon Tetrachloride	7.789	117	4763	7.705	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	15934	41.771	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	15934	92.626	ug/l #	11

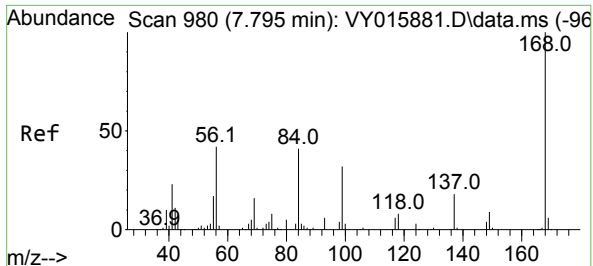
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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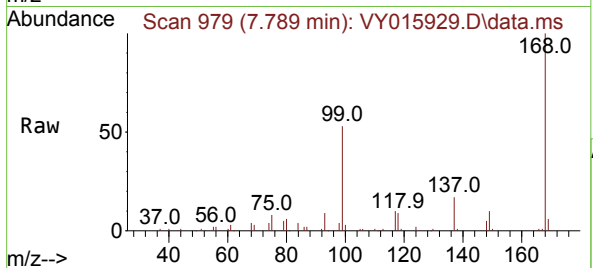
Quant Time: Oct 12 01:58:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
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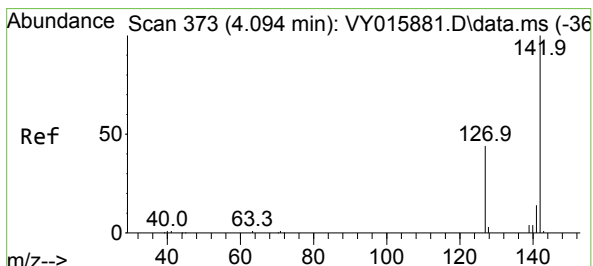
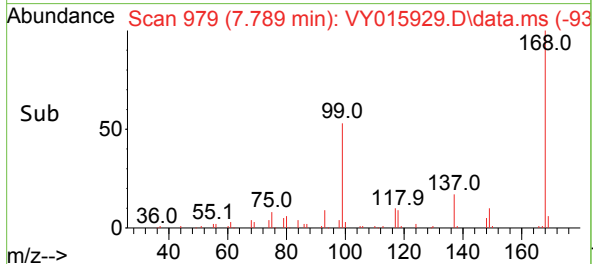
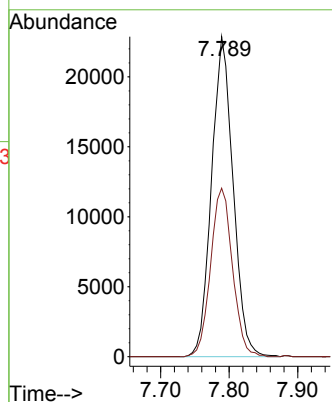


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :

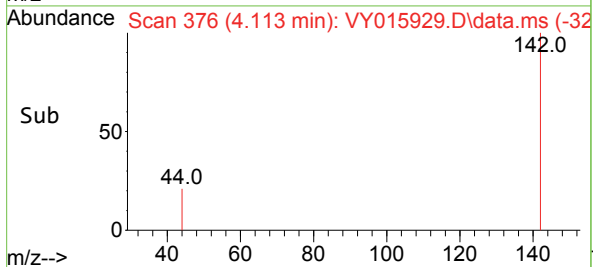
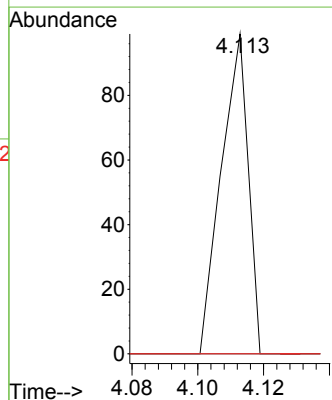
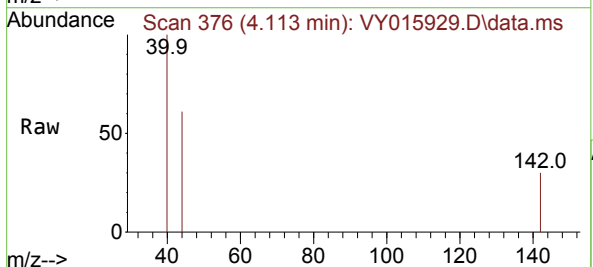


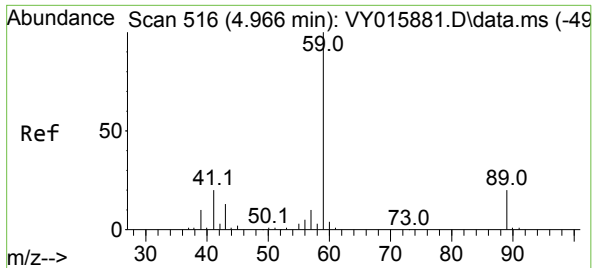
Tgt Ion:168 Resp: 49941
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#10
Methyl Iodide
Concen: 2.415 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.019 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

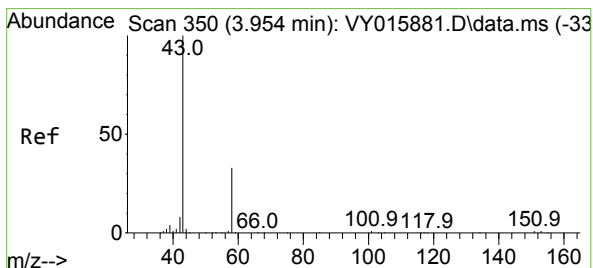
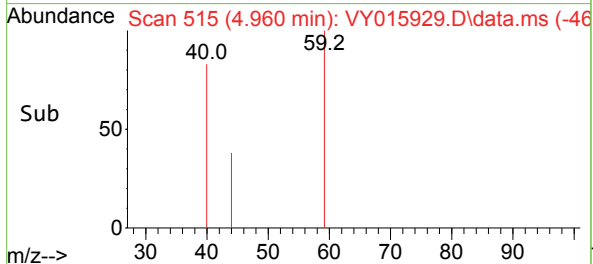
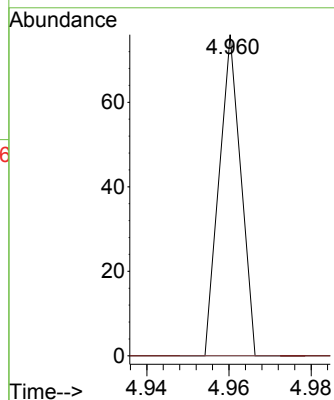
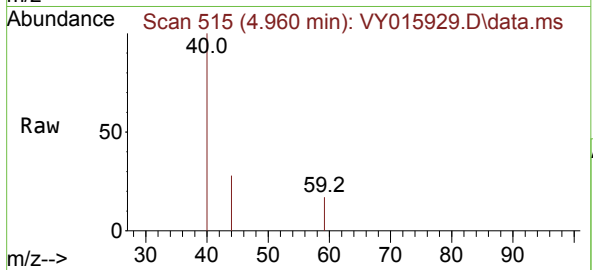




#11
Tert butyl alcohol
Concen: 11.057 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

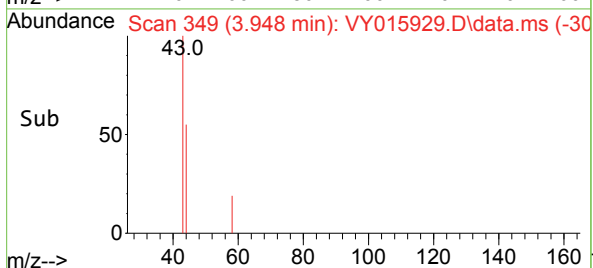
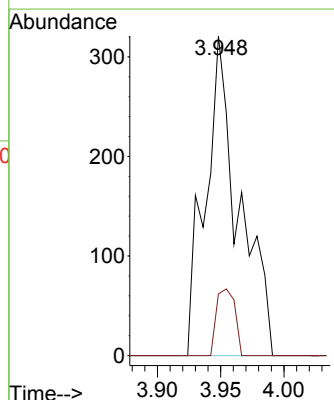
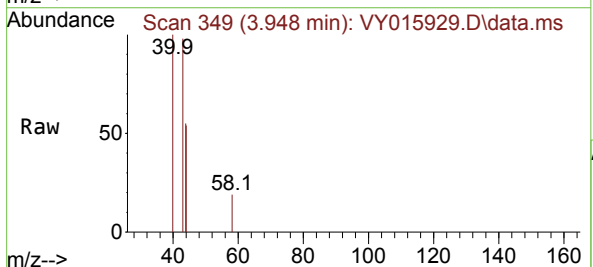
Instrument :
MSVOA_Y
ClientSampleId :

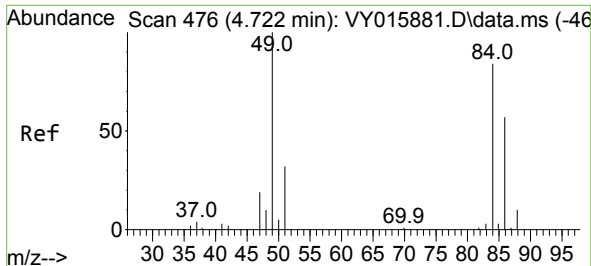
Tgt Ion: 59 Resp: 28
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 8.756 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

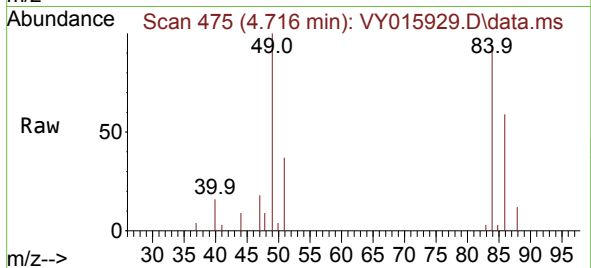
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 19.3 22.7 34.1#





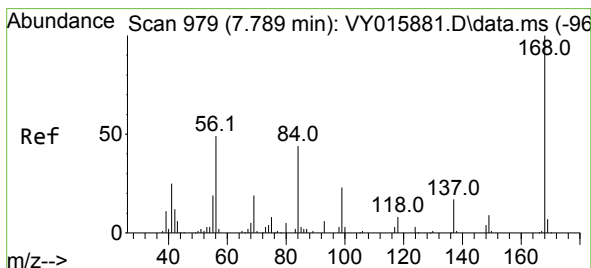
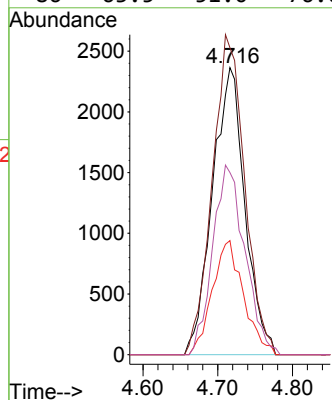
#20
Methylene Chloride
Concen: 7.204 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7141

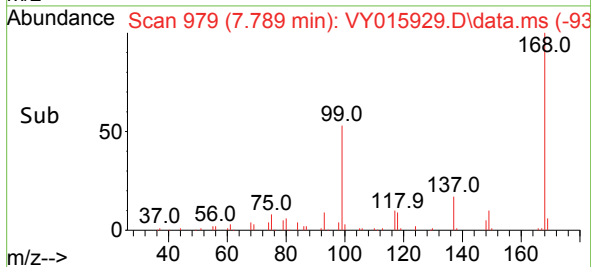
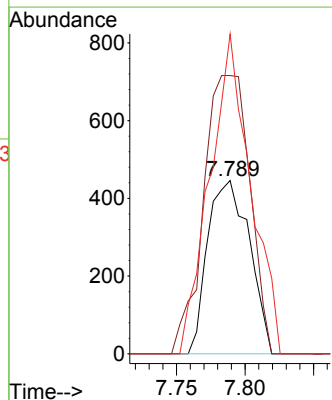
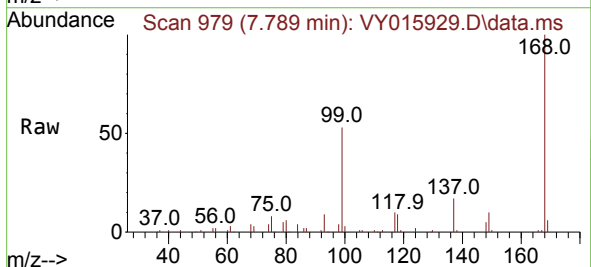
Ion	Ratio	Lower	Upper
84	100		
49	106.9	106.9	160.3
51	39.8	33.2	49.8
86	63.5	51.0	76.6

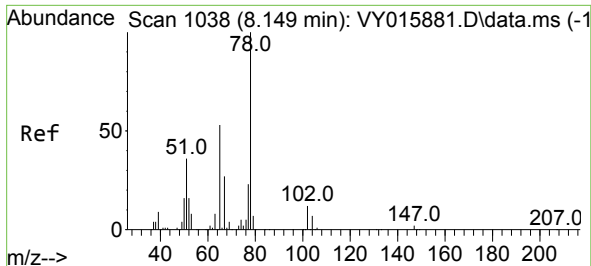


#31
Cyclohexane
Concen: 1.961 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

Tgt Ion: 56 Resp: 944

Ion	Ratio	Lower	Upper
56	100		
69	160.5	27.8	41.6#
84	184.5	66.4	99.6#

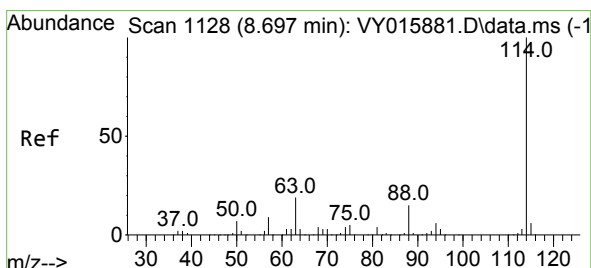
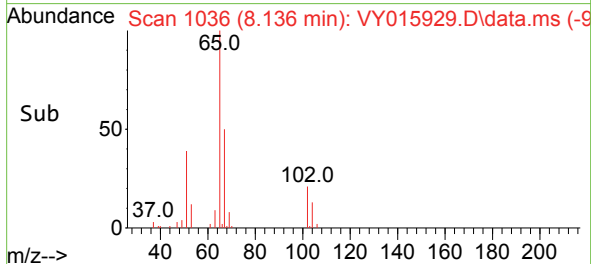
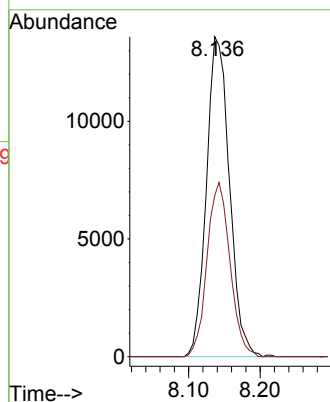
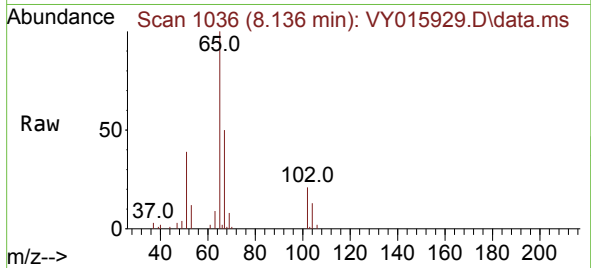




#33
 1,2-Dichloroethane-d4
 Concen: 67.697 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.012 min
 Lab File: VY015929.D
 Acq: 11 Oct 2023 17:19

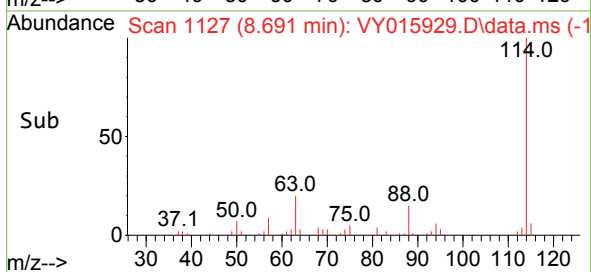
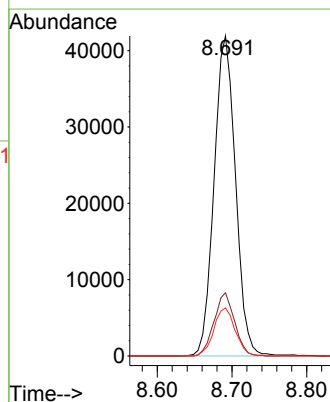
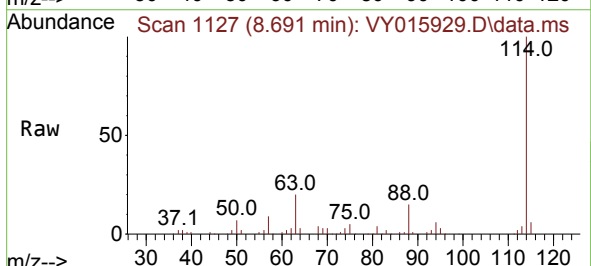
Instrument :
 MSVOA_Y
 ClientSampleId :

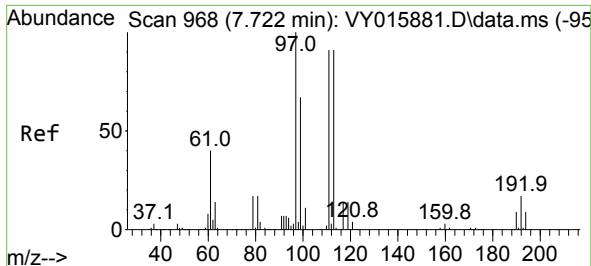
Tgt Ion: 65 Resp: 30421
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY015929.D
 Acq: 11 Oct 2023 17:19

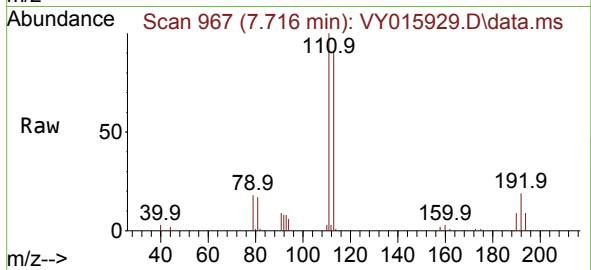
Tgt Ion: 114 Resp: 83326
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.0 0.0 30.6



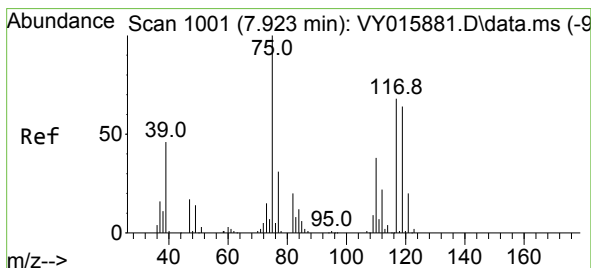
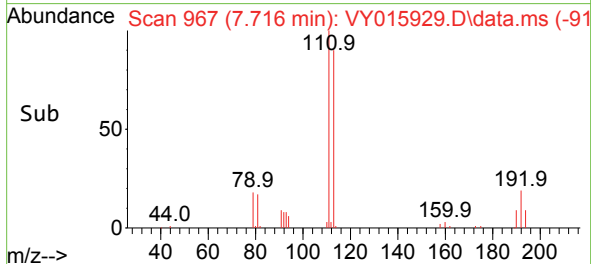
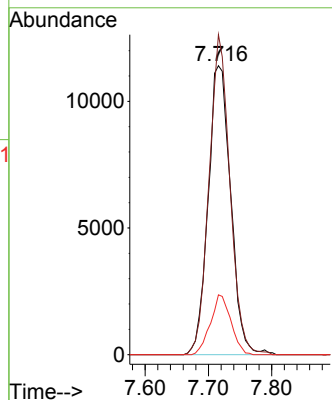


#35
Dibromofluoromethane
Concen: 60.957 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :

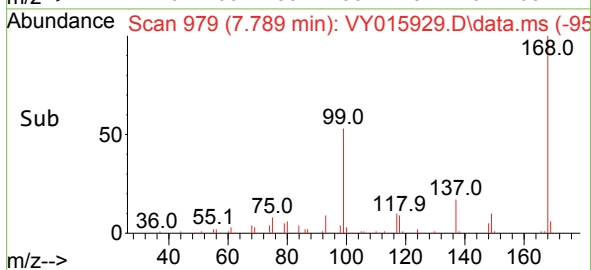
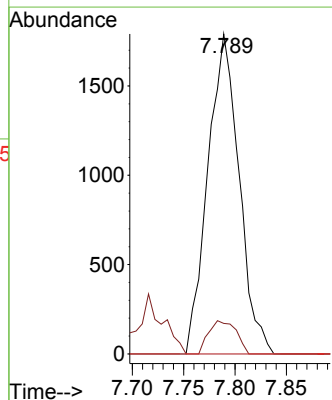
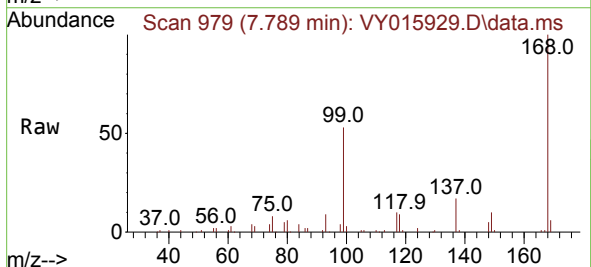


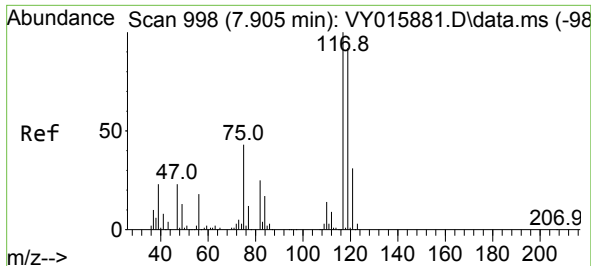
Tgt Ion:113 Resp: 28331
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 7.359 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

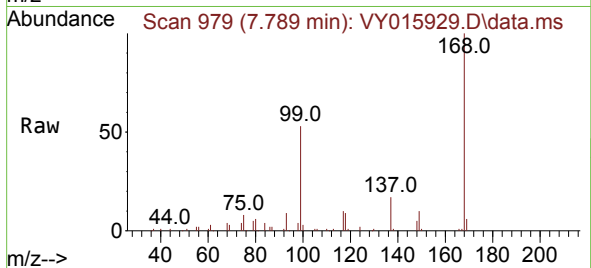
Tgt Ion: 75 Resp: 3788
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



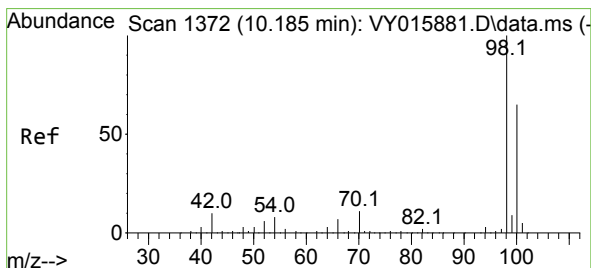
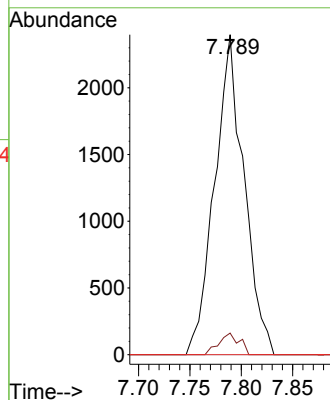
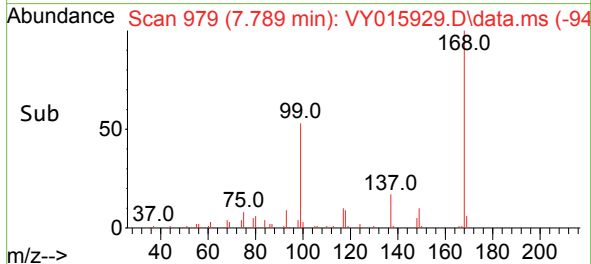


#38
Carbon Tetrachloride
Concen: 7.705 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :

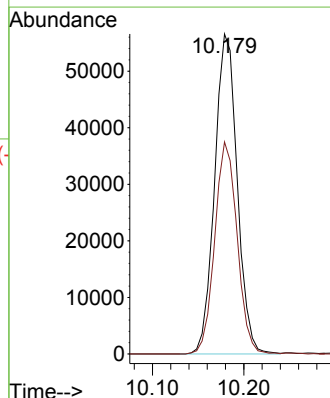
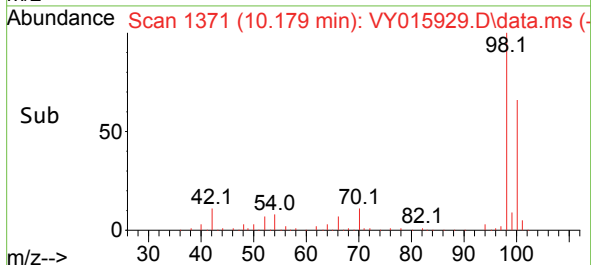
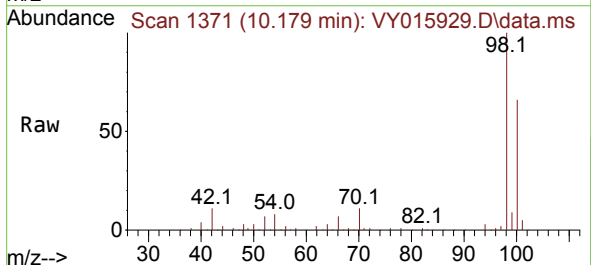


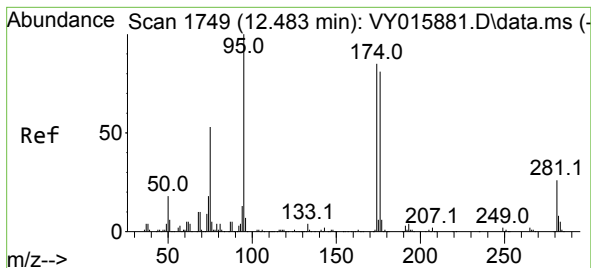
Tgt Ion:117 Resp: 4763
Ion Ratio Lower Upper
117 100
119 6.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 63.417 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

Tgt Ion: 98 Resp: 97140
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

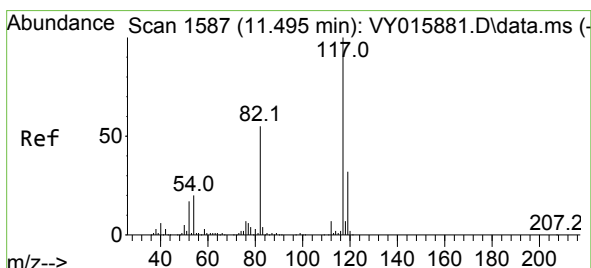
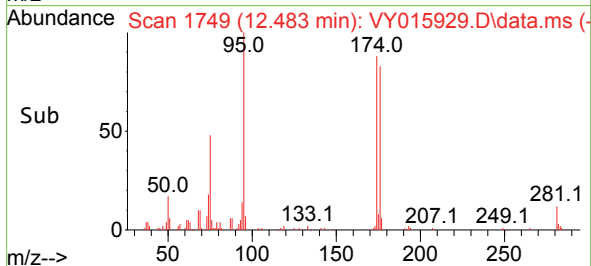
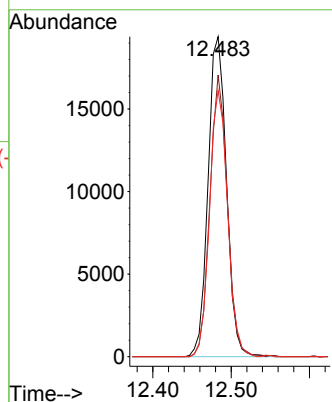
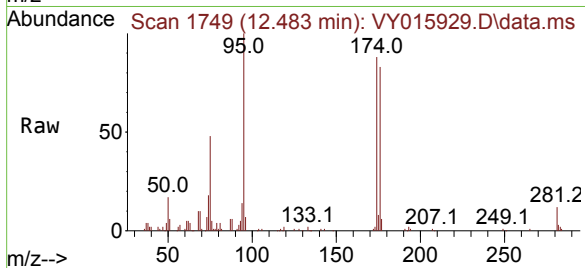




#62
4-Bromofluorobenzene
Concen: 50.791 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

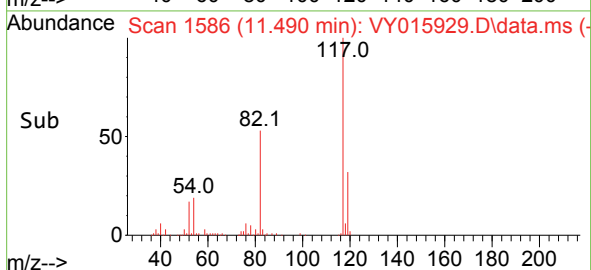
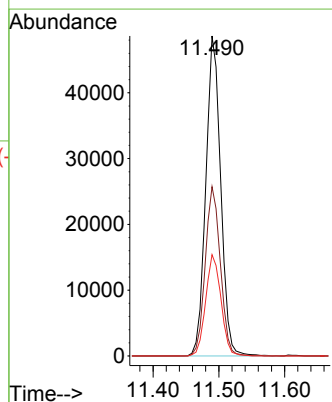
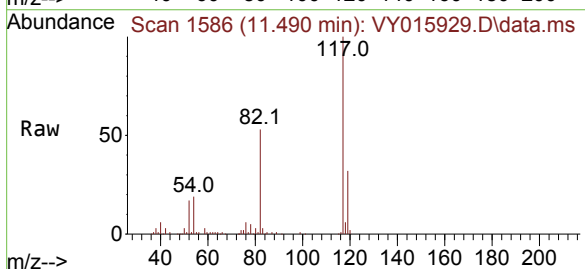
Instrument :
MSVOA_Y
ClientSampleId :

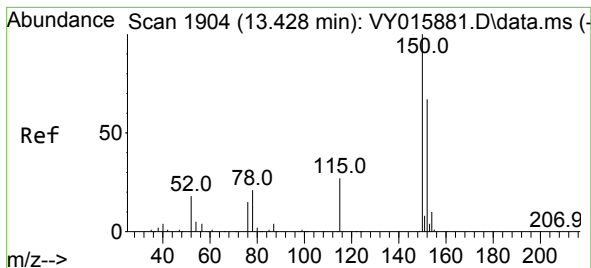
Tgt Ion: 95 Resp: 31600
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 81.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

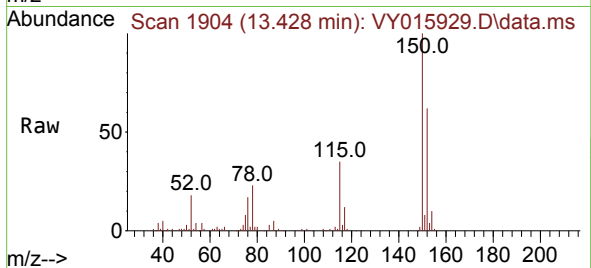
Tgt Ion: 117 Resp: 76682
Ion Ratio Lower Upper
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82 52.9 43.4 65.0
119 31.6 26.3 39.5



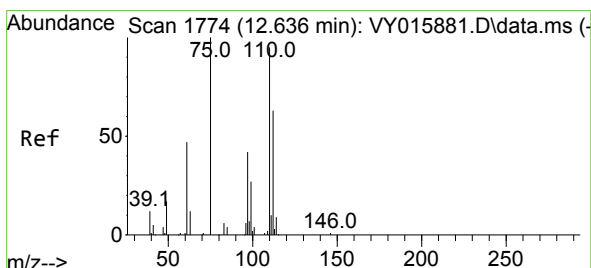
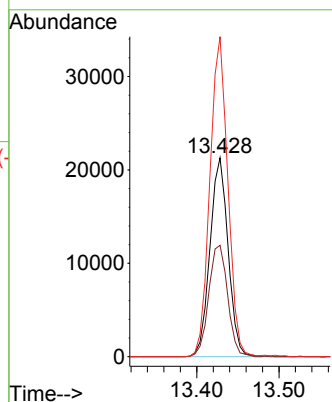
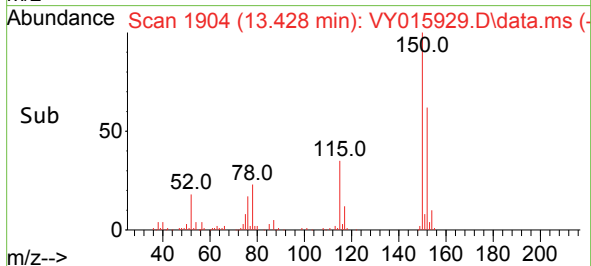


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY015929.D
 Acq: 11 Oct 2023 17:19

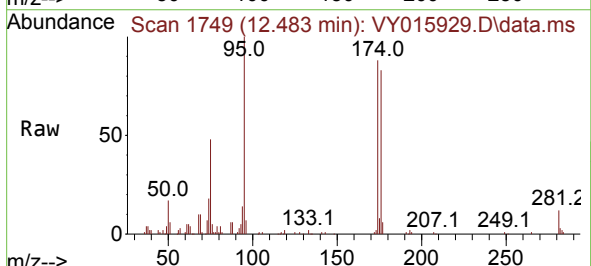
Instrument :
 MSVOA_Y
 ClientSampleId :



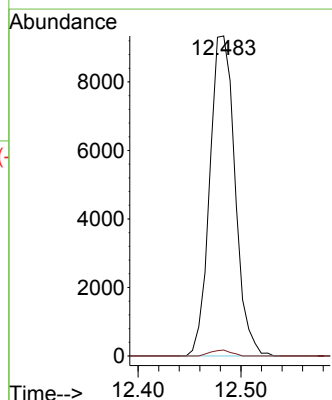
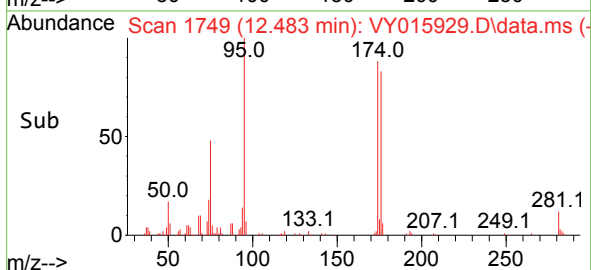
Tgt Ion:152 Resp: 32677
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.5
 150 158.7 0.0 348.8

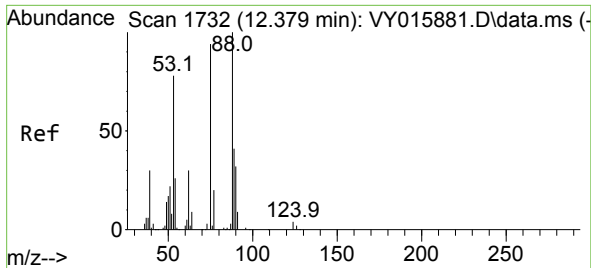


#76
 1,2,3-Trichloropropane
 Concen: 41.771 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY015929.D
 Acq: 11 Oct 2023 17:19



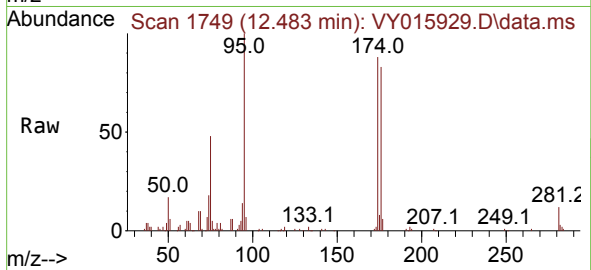
Tgt Ion: 75 Resp: 15934
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.626 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015929.D
 Acq: 11 Oct 2023 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 15934
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

