

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015927.D
 Acq On : 11 Oct 2023 16:32
 Operator : SY/MD
 Sample : 04830-01
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 12 01:58:08 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)

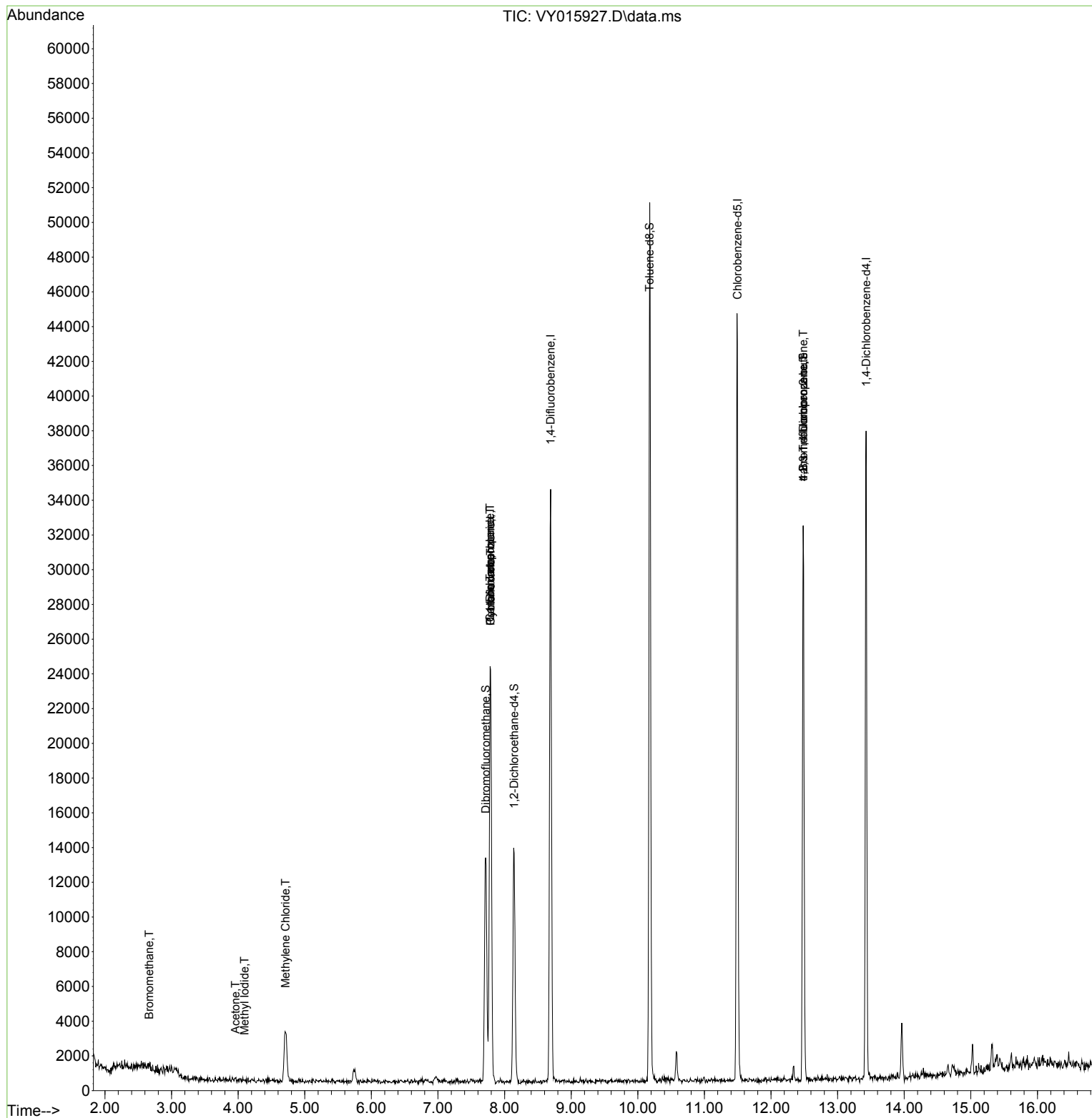
Internal Standards						
1) Pentafluorobenzene	7.789	168	19839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	30260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	25494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10808	60.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.100%	
35) Dibromofluoromethane	7.716	113	9829	58.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.460%	
50) Toluene-d8	10.179	98	34735	62.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 124.880%	
62) 4-Bromofluorobenzene	12.483	95	9471	41.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	209	2.462	ug/l #	45
10) Methyl Iodide	4.094	142	80	2.783	ug/l #	38
16) Acetone	3.960	43	103	7.324	ug/l #	46
20) Methylene Chloride	4.710	84	2350	3.969	ug/l #	71
31) Cyclohexane	7.789	56	347	1.815	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	1379	7.377	ug/l #	47
38) Carbon Tetrachloride	7.783	117	2042	9.096	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	5228	44.969	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5228	99.718	ug/l #	10

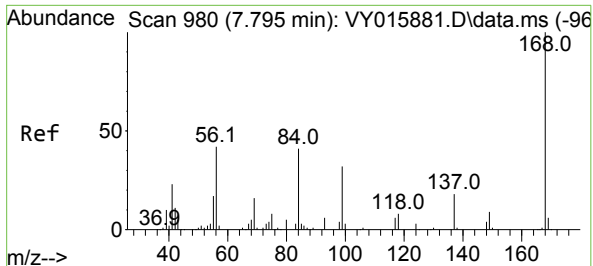
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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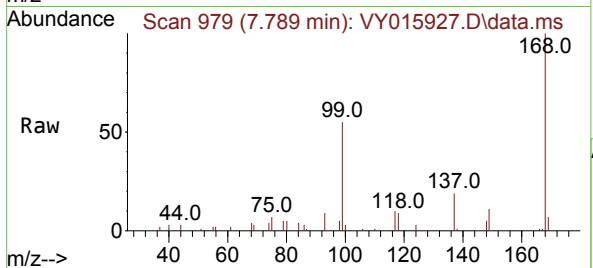
Quant Time: Oct 12 01:58:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
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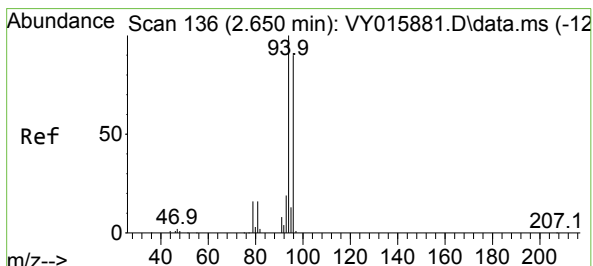
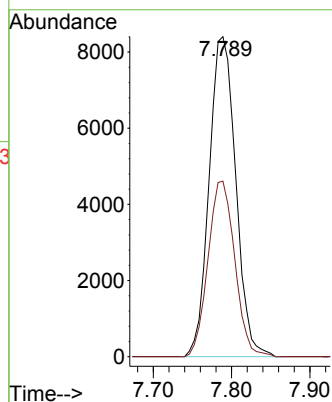
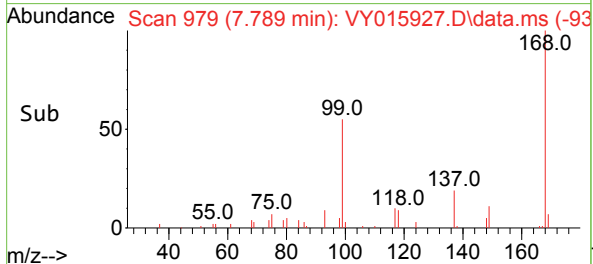


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :

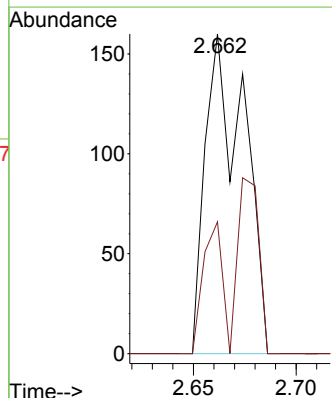
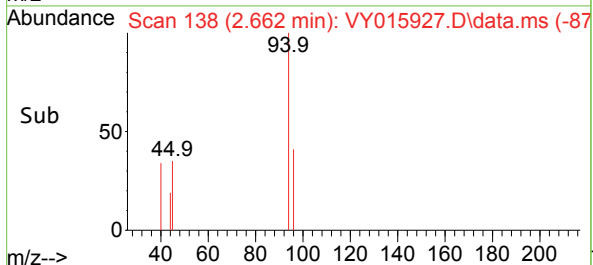
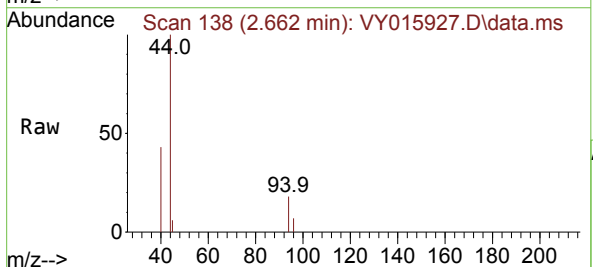


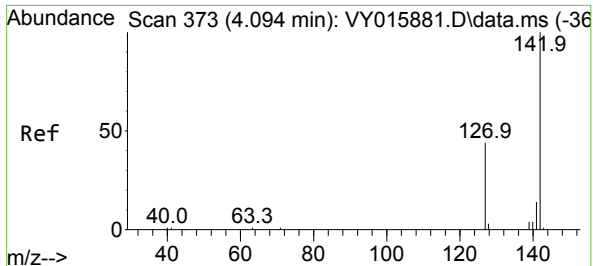
Tgt Ion:168 Resp: 19839
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#5
Bromomethane
Concen: 2.462 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

Tgt Ion: 94 Resp: 209
Ion Ratio Lower Upper
94 100
96 41.3 75.8 113.6#





#10

Methyl Iodide

Concen: 2.783 ug/l

RT: 4.094 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY015927.D

Acq: 11 Oct 2023 16:32

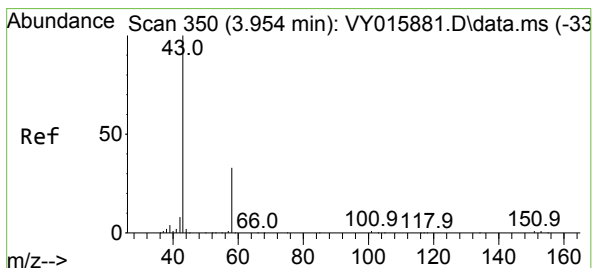
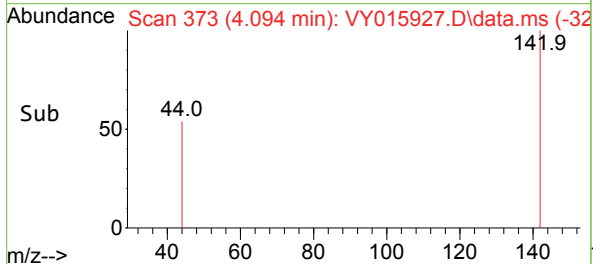
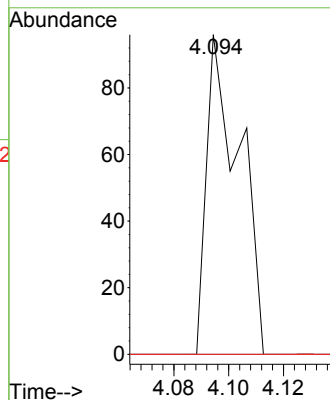
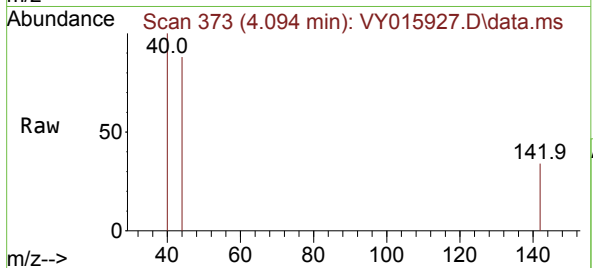
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:142 Resp: 80

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.6	56.4#
141	0.0	11.8	17.8#



#16

Acetone

Concen: 7.324 ug/l

RT: 3.960 min Scan# 351

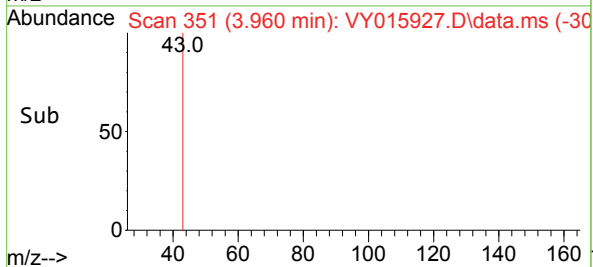
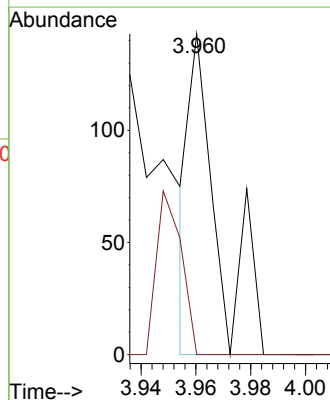
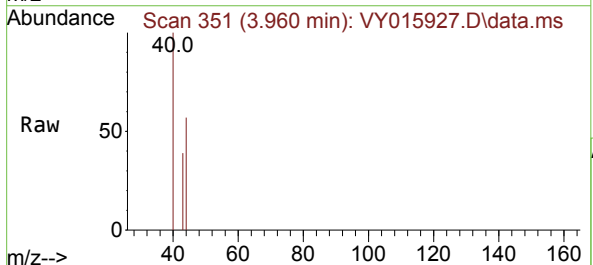
Delta R.T. 0.006 min

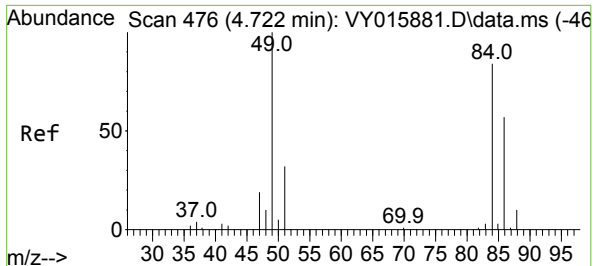
Lab File: VY015927.D

Acq: 11 Oct 2023 16:32

Tgt Ion: 43 Resp: 103

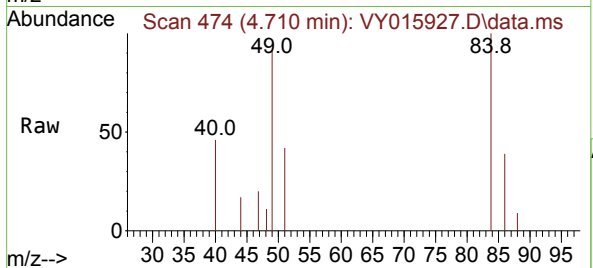
Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.7	34.1#



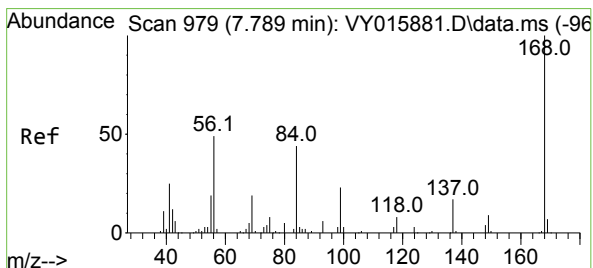
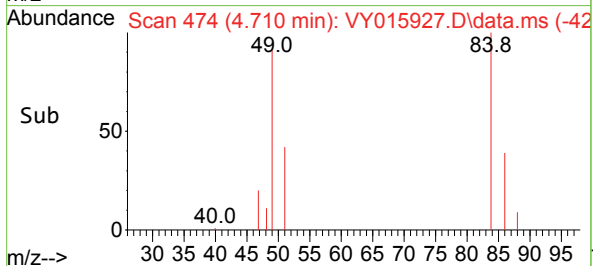
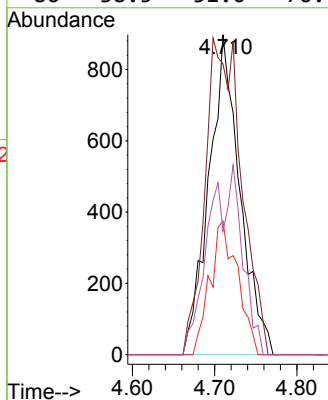


#20
Methylene Chloride
Concen: 3.969 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :

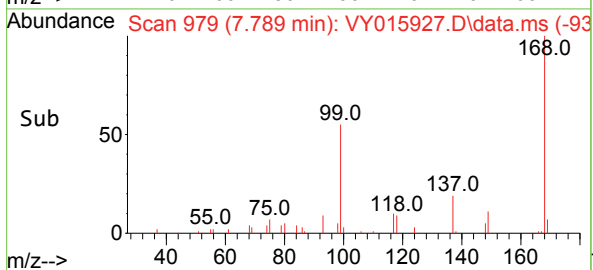
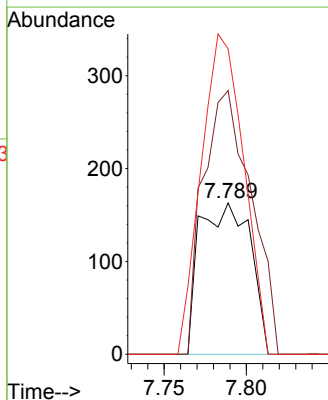
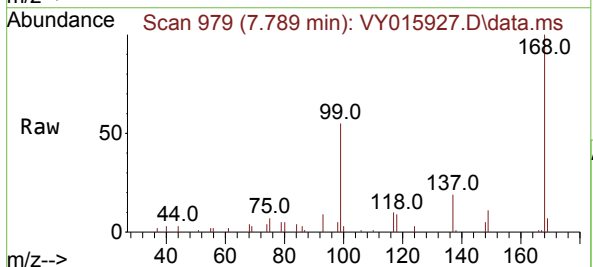


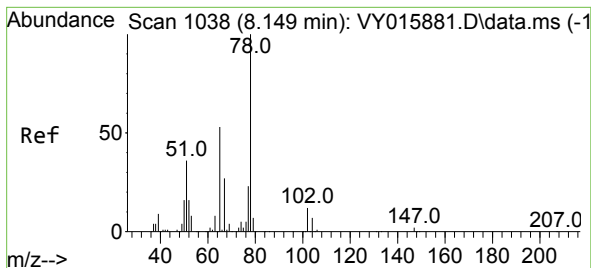
Tgt Ion: 84 Resp: 2350
Ion Ratio Lower Upper
84 100
49 90.9 106.9 160.3#
51 41.8 33.2 49.8
86 38.5 51.0 76.6#



#31
Cyclohexane
Concen: 1.815 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

Tgt Ion: 56 Resp: 347
Ion Ratio Lower Upper
56 100
69 174.2 27.8 41.6#
84 201.8 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.545 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015927.D

Acq: 11 Oct 2023 16:32

Instrument :

MSVOA_Y

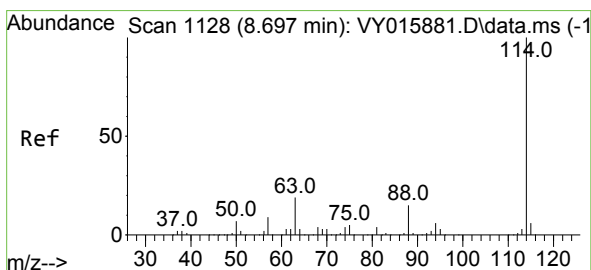
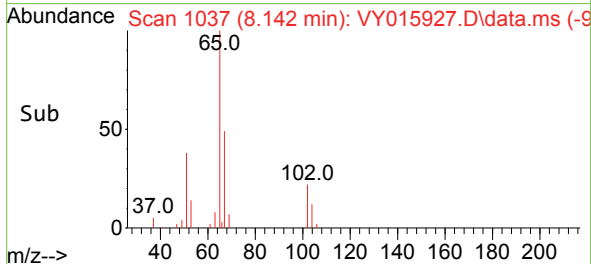
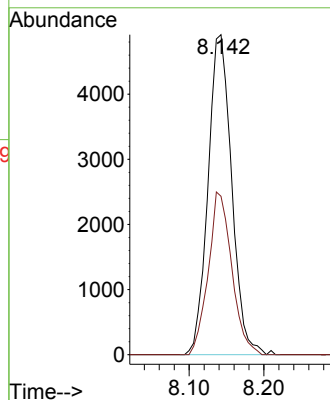
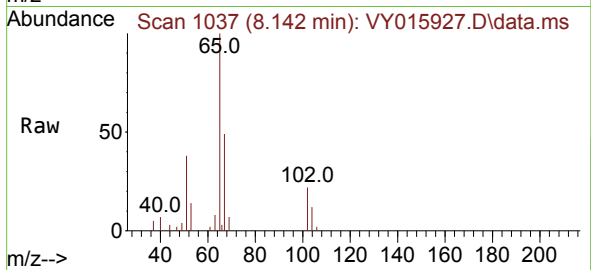
ClientSampleId :

Tgt Ion: 65 Resp: 10808

Ion Ratio Lower Upper

65 100

67 50.5 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: VY015927.D

Acq: 11 Oct 2023 16:32

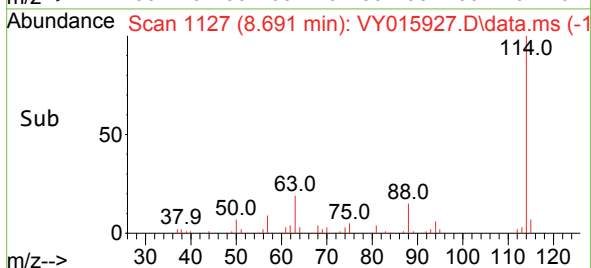
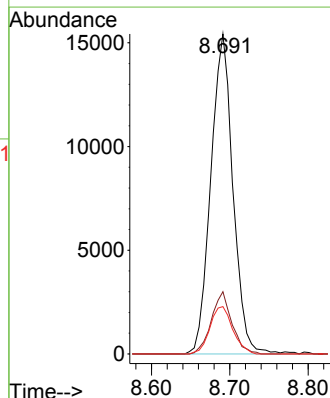
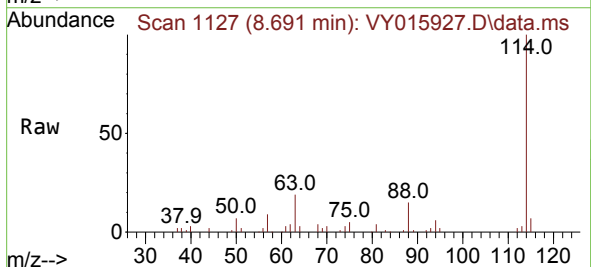
Tgt Ion:114 Resp: 30260

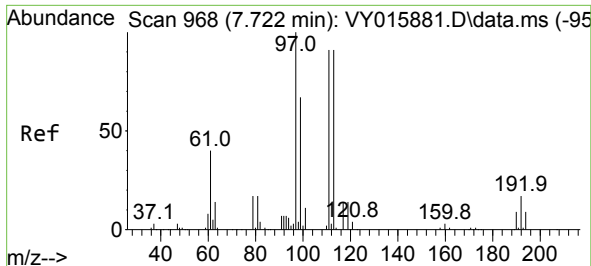
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

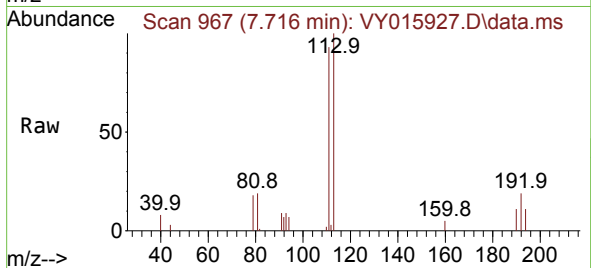
88 14.8 0.0 30.6



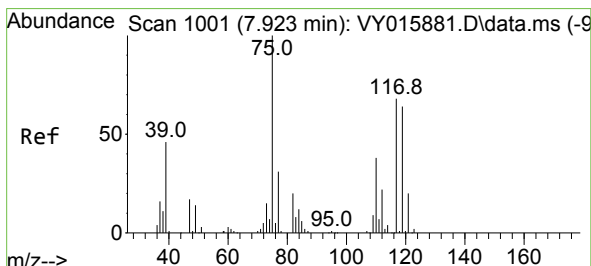
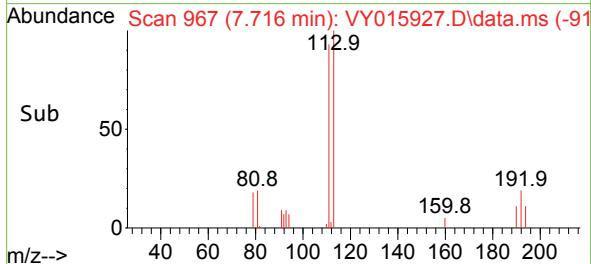
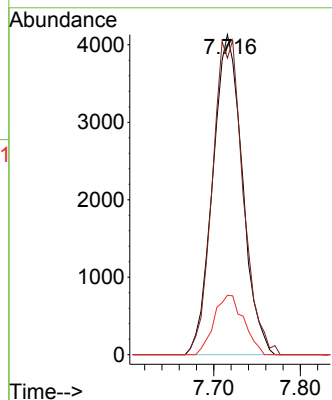


#35
Dibromofluoromethane
Concen: 58.234 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :

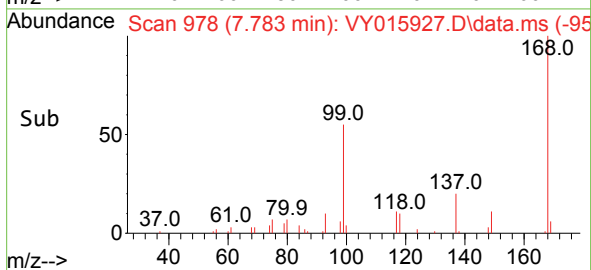
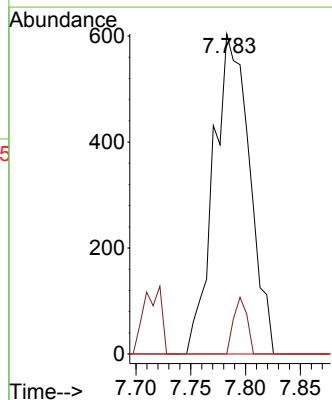
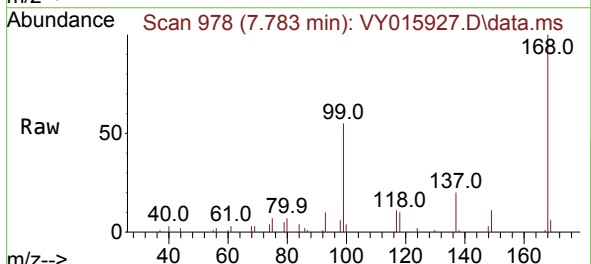


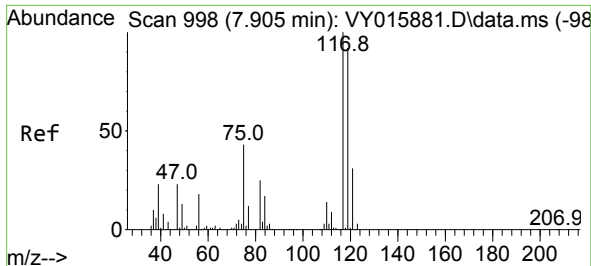
Tgt Ion:113 Resp: 9829
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 7.377 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

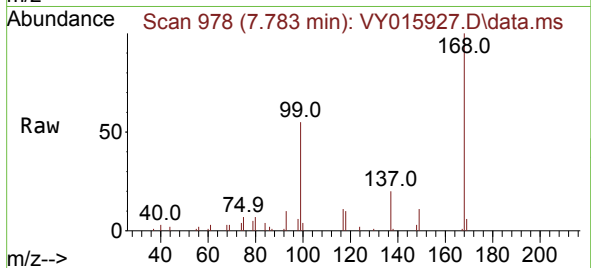
Tgt Ion: 75 Resp: 1379
Ion Ratio Lower Upper
75 100
110 6.6 17.8 53.5#
77 0.0 24.4 36.6#



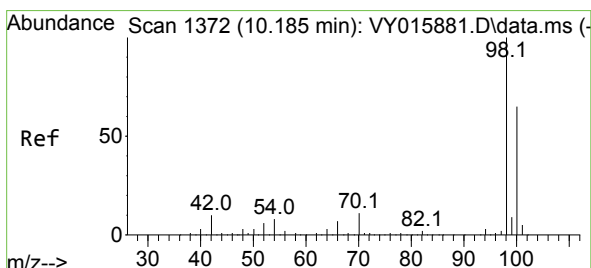
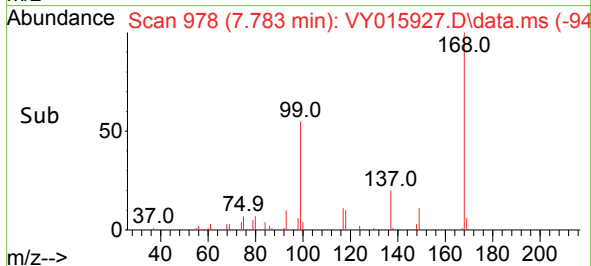
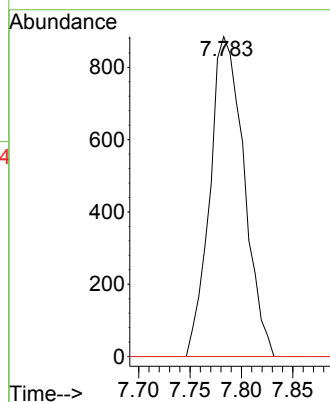


#38
Carbon Tetrachloride
Concen: 9.096 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :

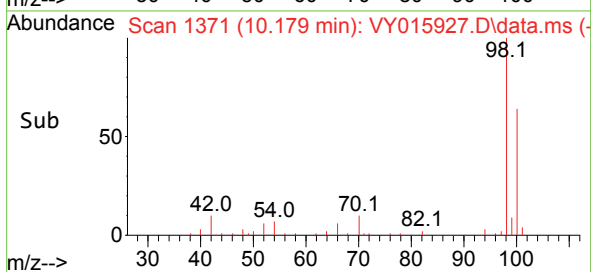
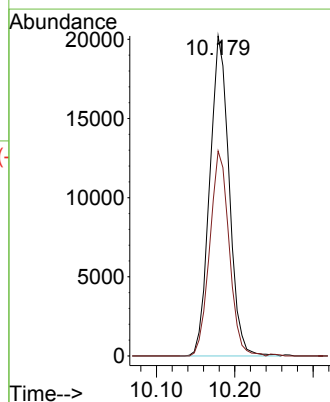
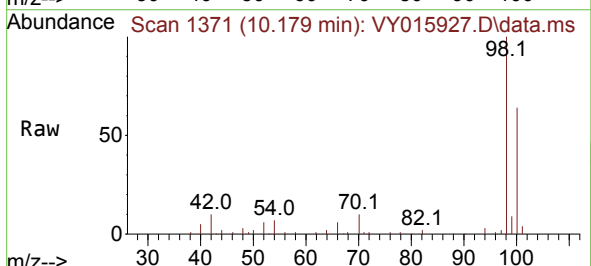


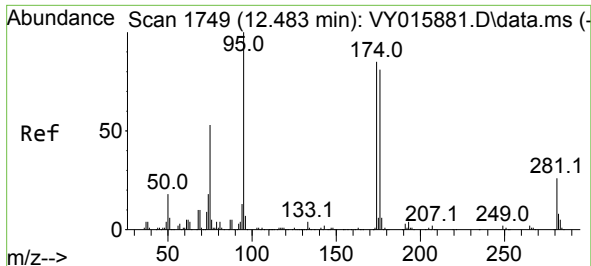
Tgt Ion:117 Resp: 2042
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 62.444 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

Tgt Ion: 98 Resp: 34735
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1

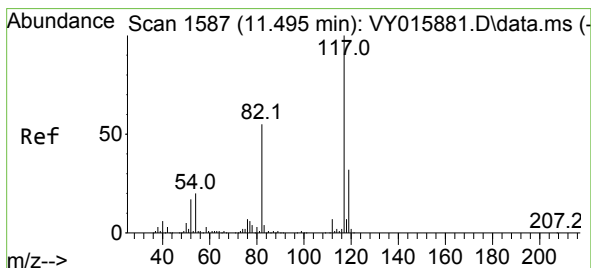
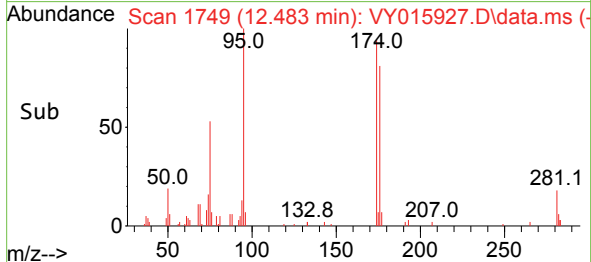
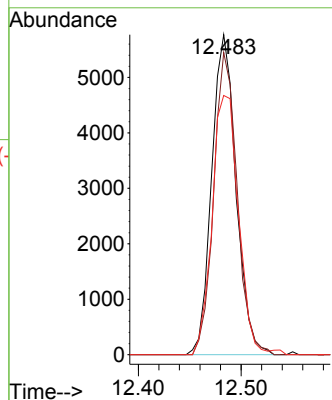
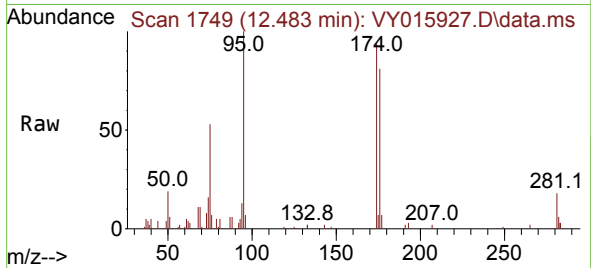




#62
4-Bromofluorobenzene
Concen: 41.918 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

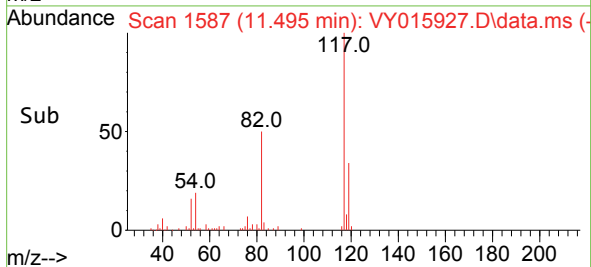
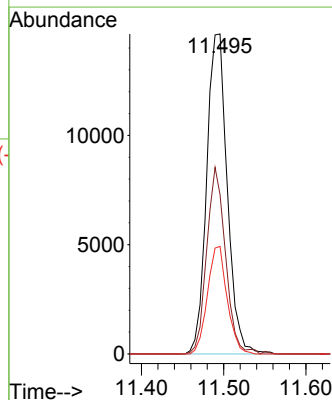
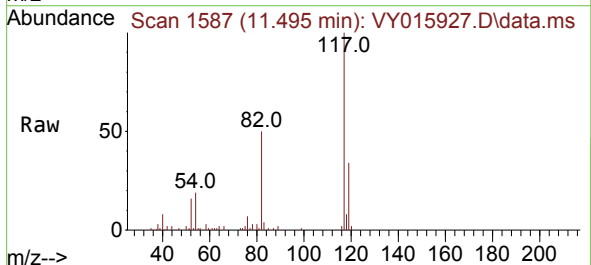
Instrument :
MSVOA_Y
ClientSampleId :

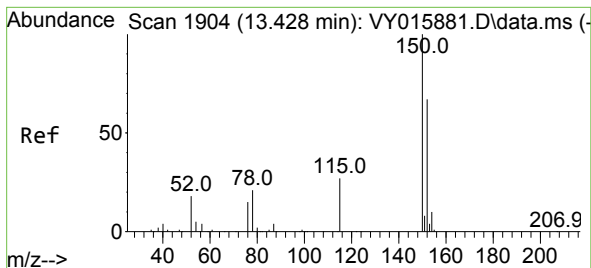
Tgt Ion: 95 Resp: 9471
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.2
176 88.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

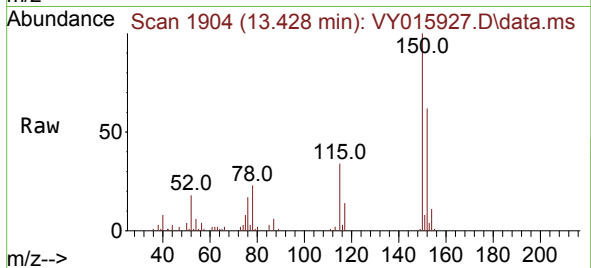
Tgt Ion: 117 Resp: 25494
Ion Ratio Lower Upper
117 100
82 49.8 43.4 65.0
119 33.6 26.3 39.5



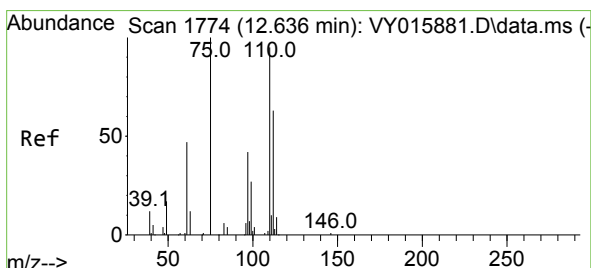
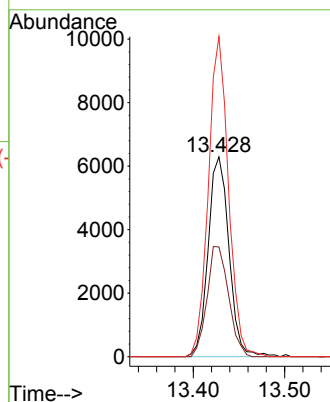
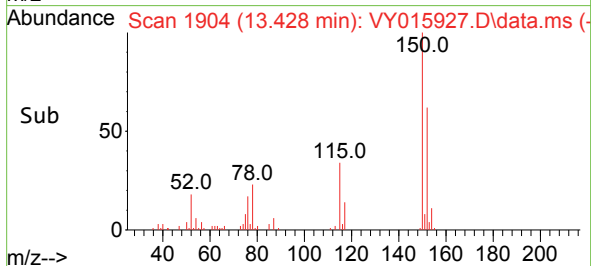


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY015927.D
 Acq: 11 Oct 2023 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :

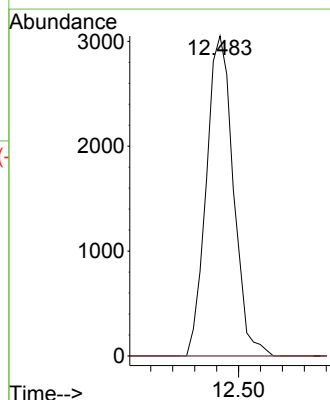
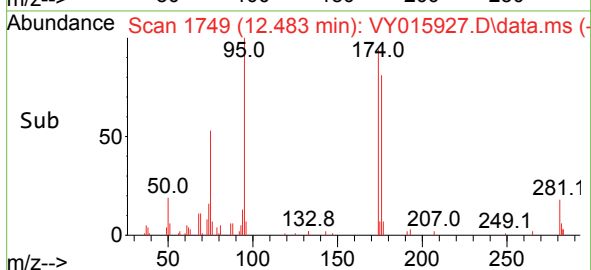
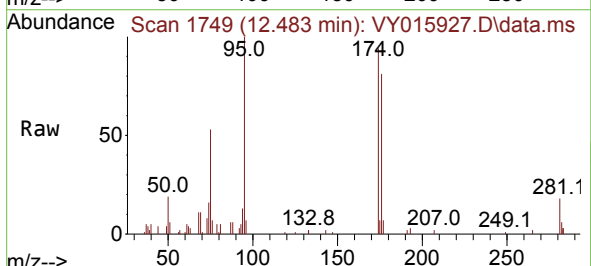


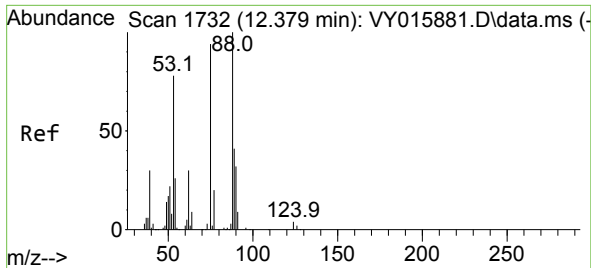
Tgt Ion:152 Resp: 9959
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.8 86.5
 150 154.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 44.969 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY015927.D
 Acq: 11 Oct 2023 16:32

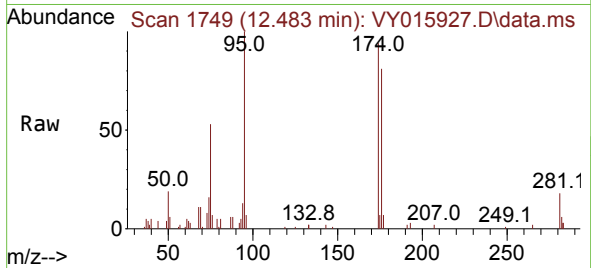
Tgt Ion: 75 Resp: 5228
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.718 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015927.D
 Acq: 11 Oct 2023 16:32

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#

