

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013726.D
 Acq On : 15 May 2023 10:59
 Operator : KP/MD
 Sample : VY0515SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBL01

Quant Time: May 15 15:37:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

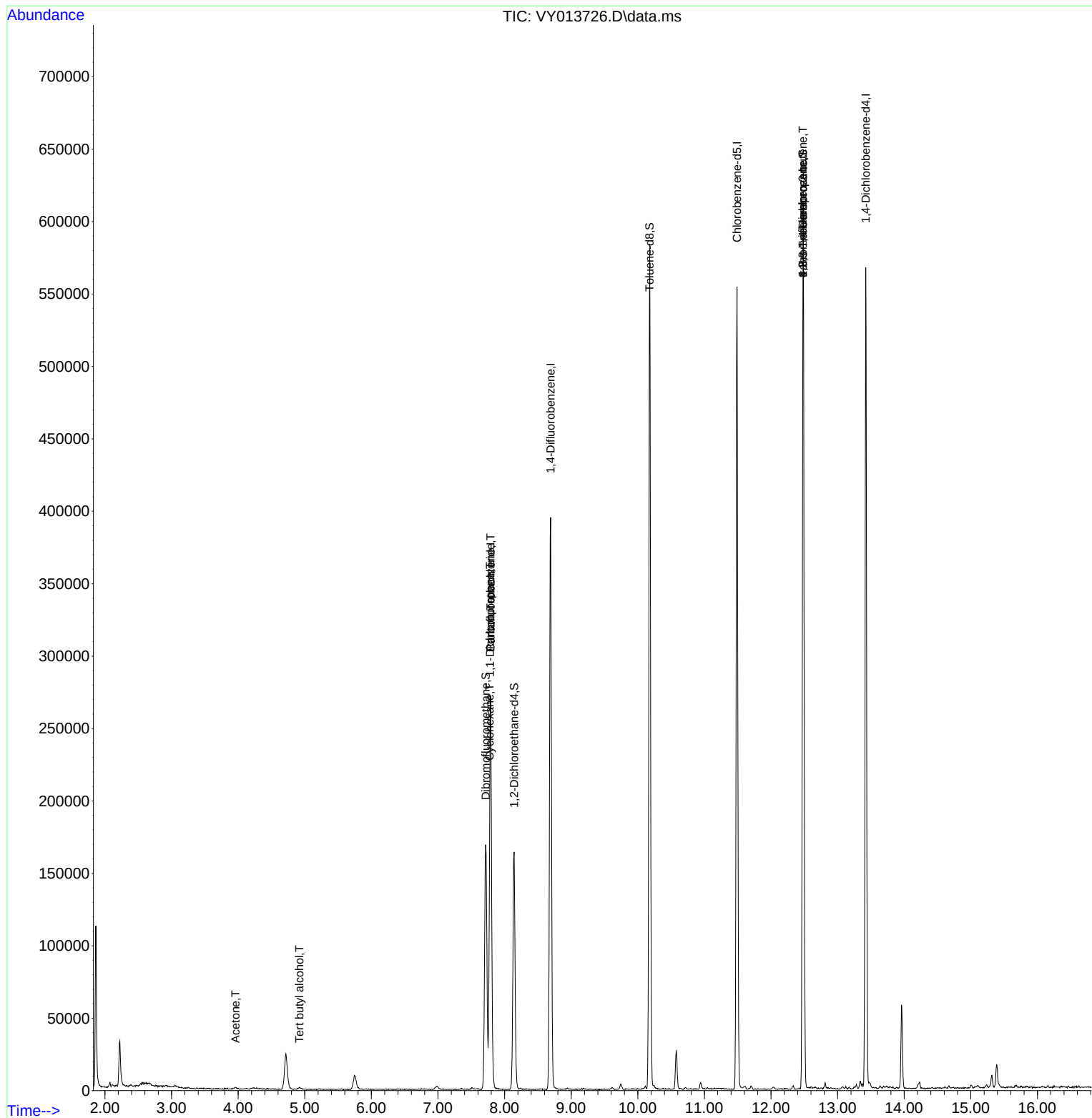
Internal Standards						
1) Pentafluorobenzene	7.789	168	209737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	131231	57.077	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.160%			
35) Dibromofluoromethane	7.716	113	120832	57.809	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.620%			
50) Toluene-d8	10.179	98	372961	50.159	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.477	95	130732	52.152	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.300%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.918	59	803	3.743	ug/l #	89
13) Acrolein	3.747	56	61	Below Cal	#	16
16) Acetone	3.960	43	1655	1.828	ug/l	95
20) Methylene Chloride	4.722	84	16913	Below Cal	#	90
31) Cyclohexane	7.777	56	4998	1.214	ug/l #	30
36) 1,1-Dichloropropene	7.783	75	16211	4.673	ug/l #	48
38) Carbon Tetrachloride	7.789	117	19782	5.441	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	72318	37.525	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	72318	76.760	ug/l #	13

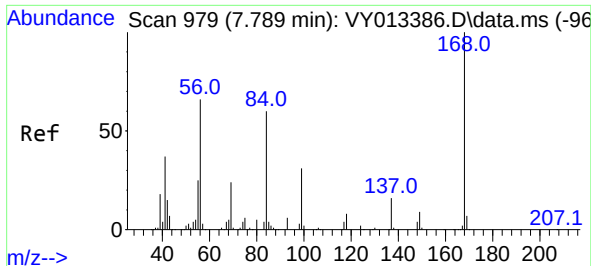
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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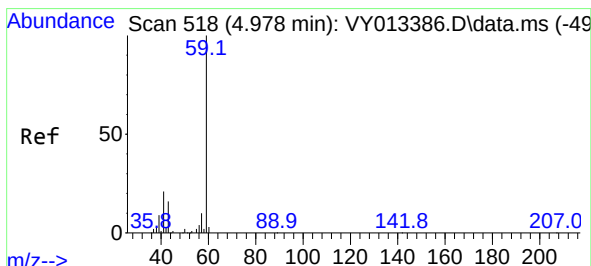
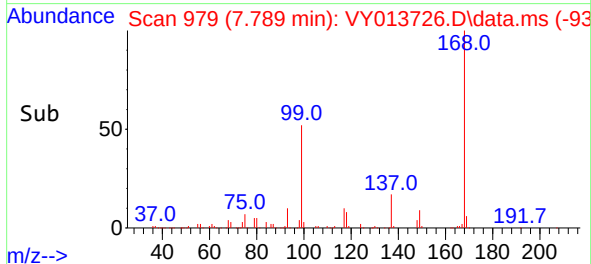
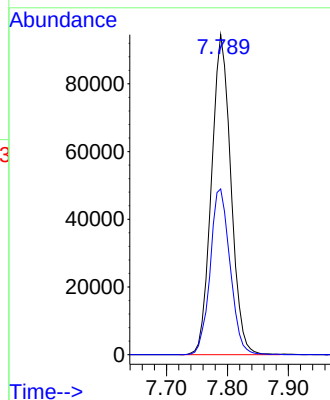
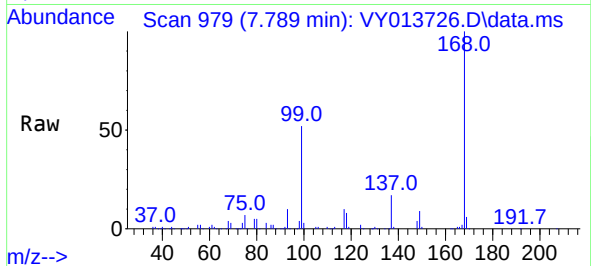




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

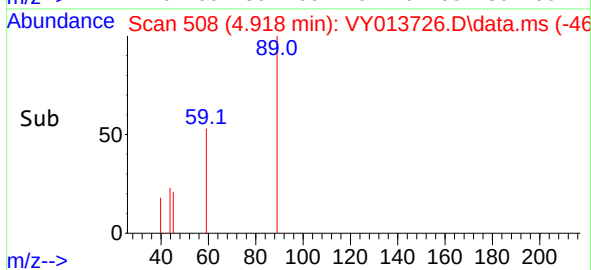
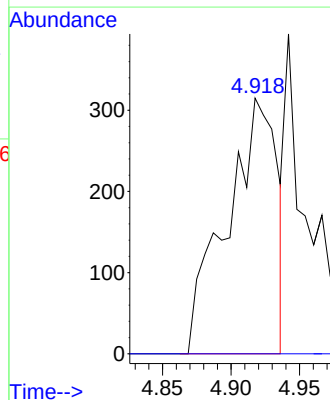
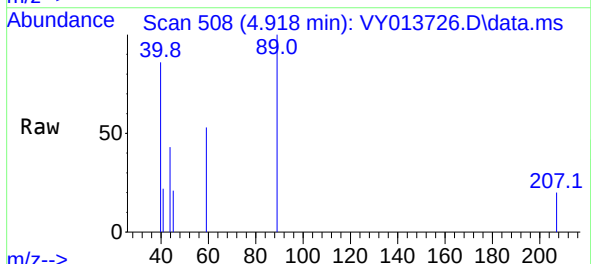
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

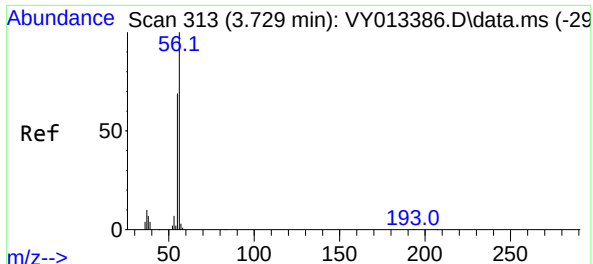
Tgt Ion:168 Resp: 209737
Ion Ratio Lower Upper
168 100
99 51.8 41.8 62.6



#11
Tert butyl alcohol
Concen: 3.743 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.060 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

Tgt Ion: 59 Resp: 803
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

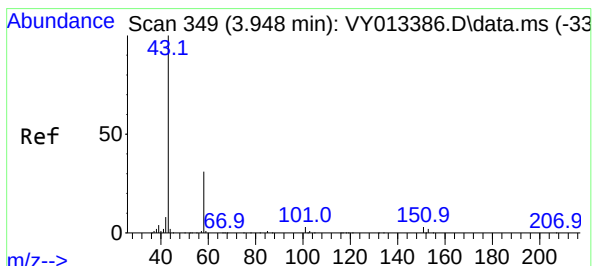
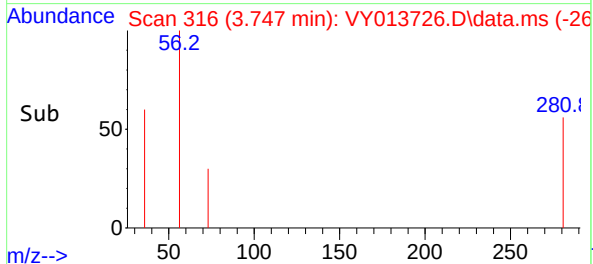
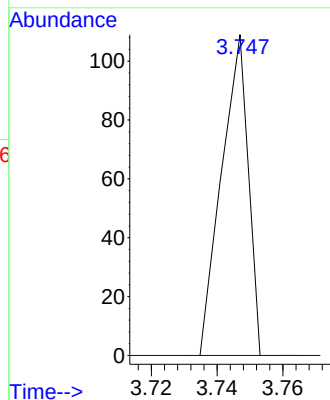
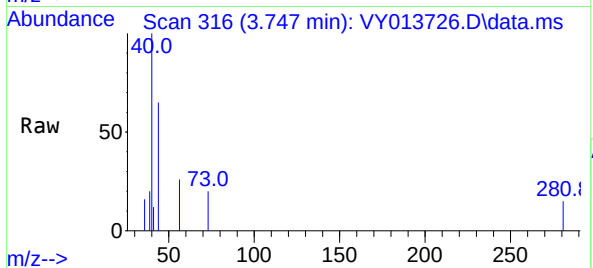




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 311
Delta R.T. 0.018 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

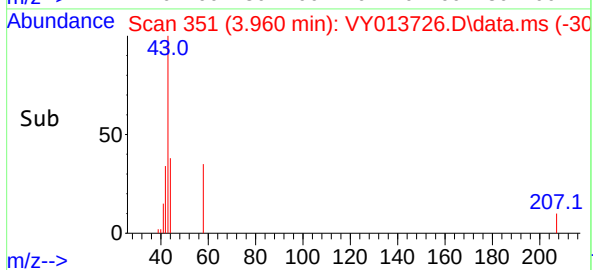
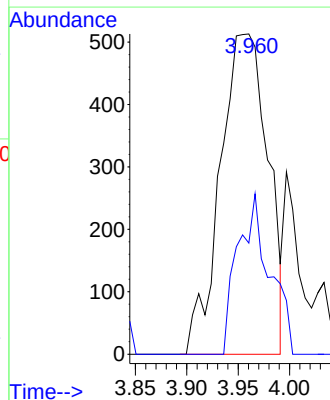
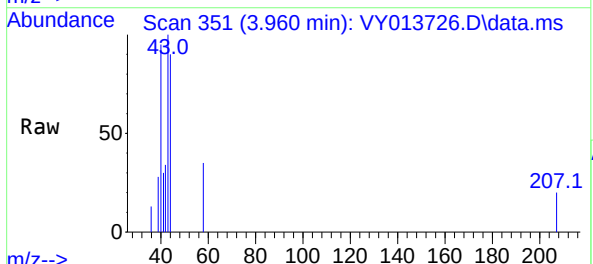
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

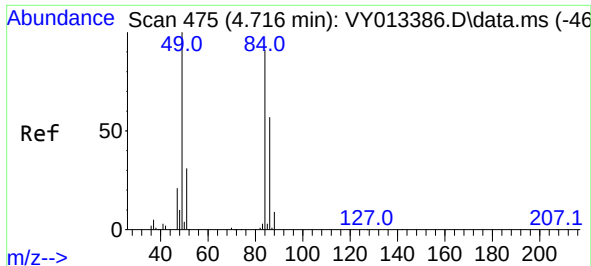
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 1.828 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

Tgt Ion: 43 Resp: 1655
Ion Ratio Lower Upper
43 100
58 34.7 25.4 38.0

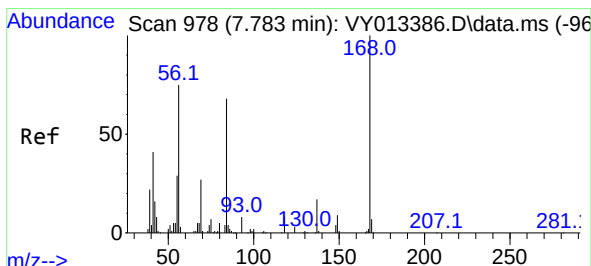
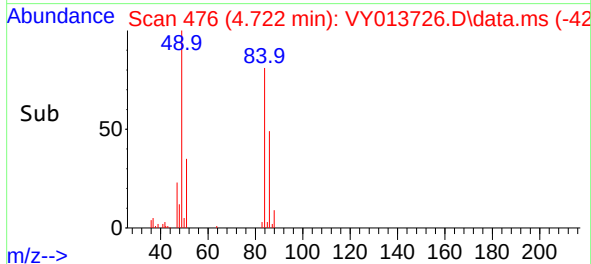
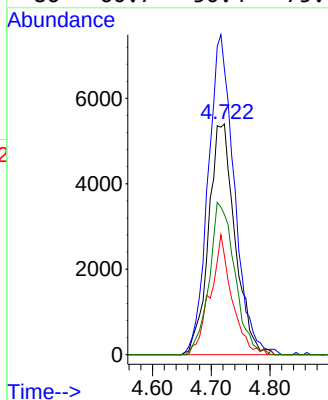
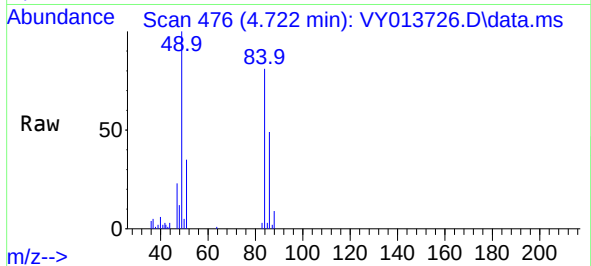




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

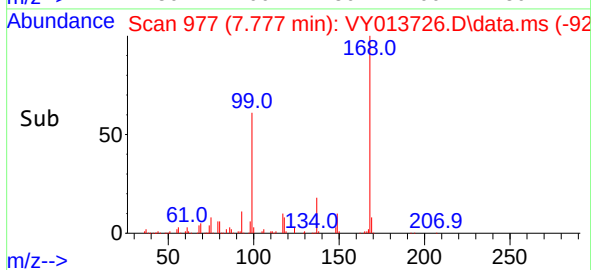
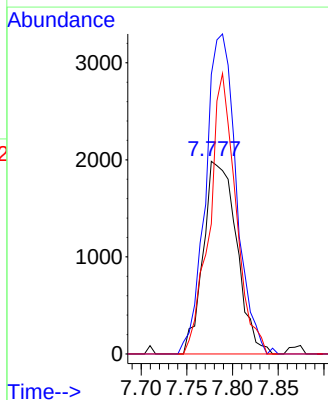
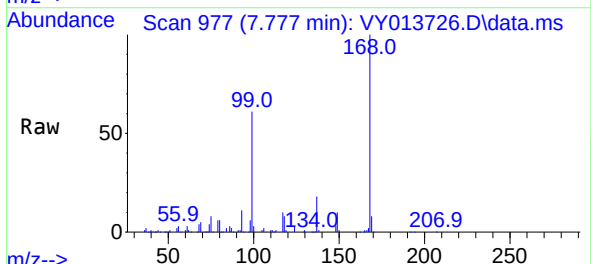
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

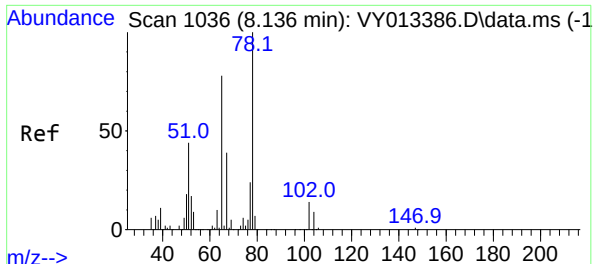
Tgt Ion:	84	Resp:	16913
Ion	Ratio	Lower	Upper
84	100		
49	123.7	88.0	132.0
51	42.9	27.4	41.0#
86	60.7	50.4	75.6



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

Tgt Ion:	56	Resp:	4998
Ion	Ratio	Lower	Upper
56	100		
69	145.1	29.2	43.8#
84	67.6	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 57.077 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013726.D

Acq: 15 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

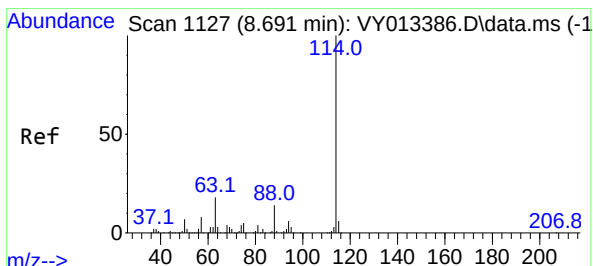
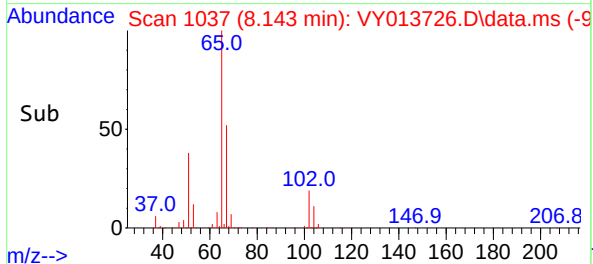
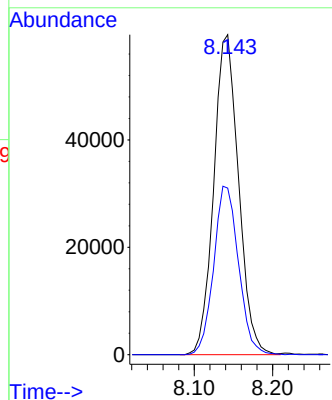
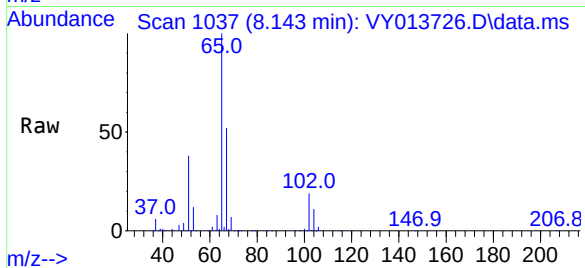
VY0515SBL01

Tgt Ion: 65 Resp: 131231

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013726.D

Acq: 15 May 2023 10:59

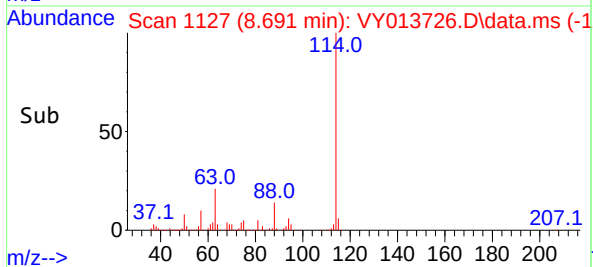
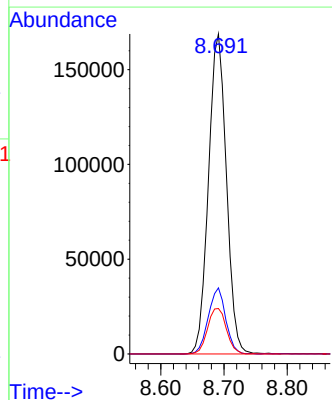
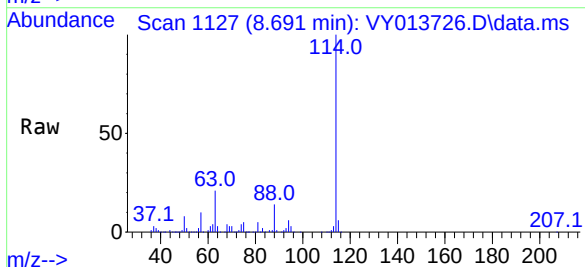
Tgt Ion: 114 Resp: 332327

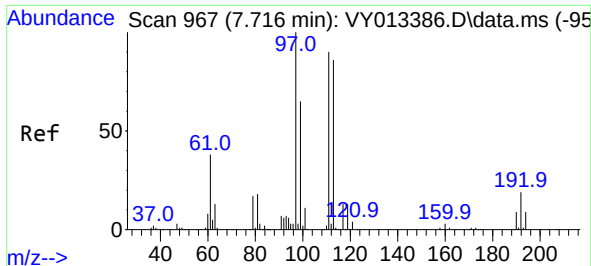
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.6

88 14.2 0.0 28.8

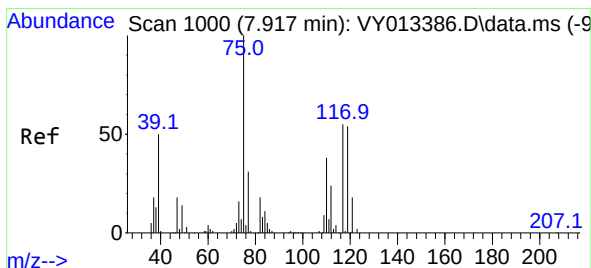
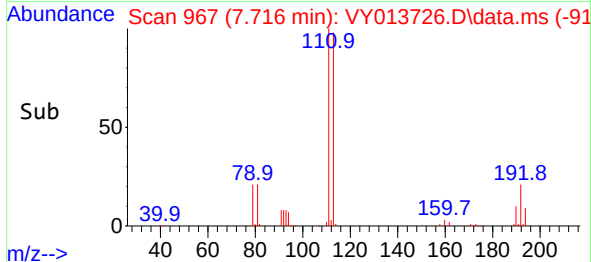
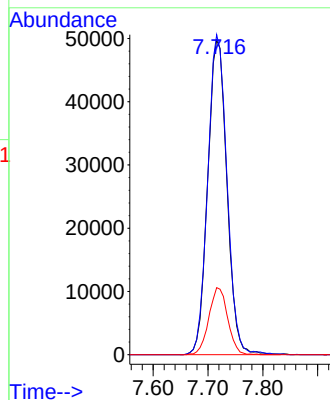
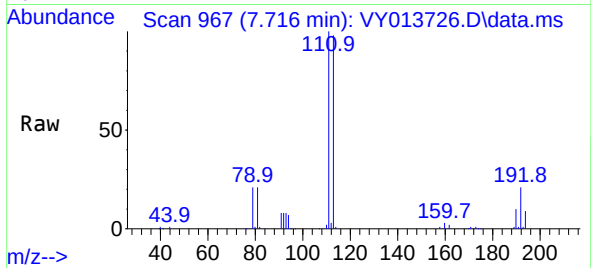




#35
Dibromofluoromethane
Concen: 57.809 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

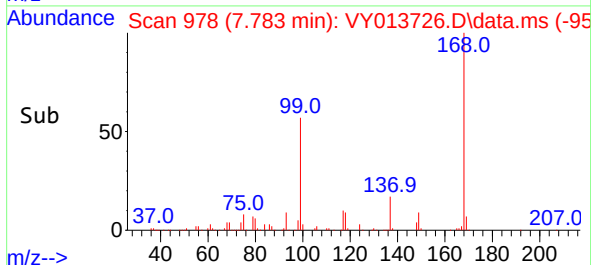
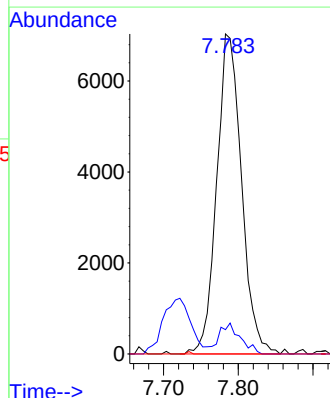
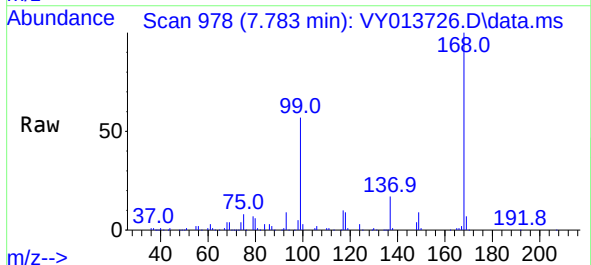
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

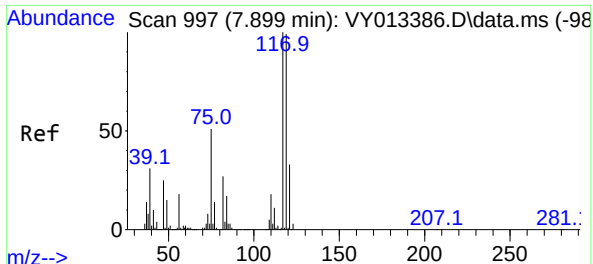
Tgt Ion:113 Resp: 120832
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

Tgt Ion: 75 Resp: 16211
Ion Ratio Lower Upper
75 100
110 8.3 18.7 56.1#
77 0.0 24.6 37.0#

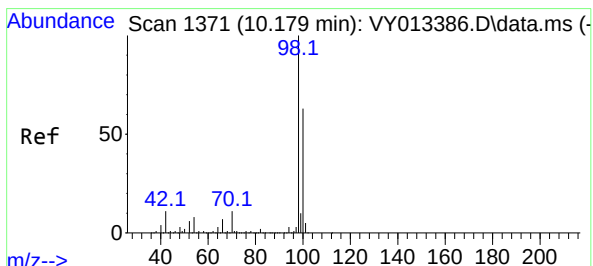
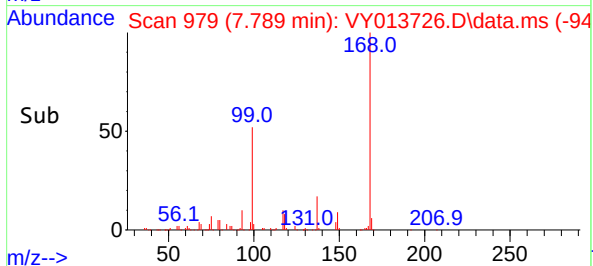
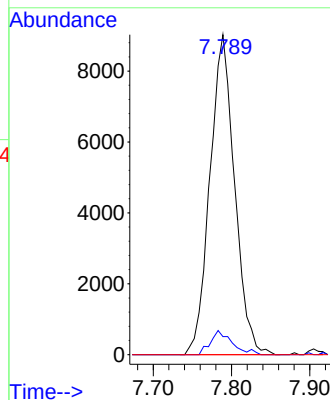
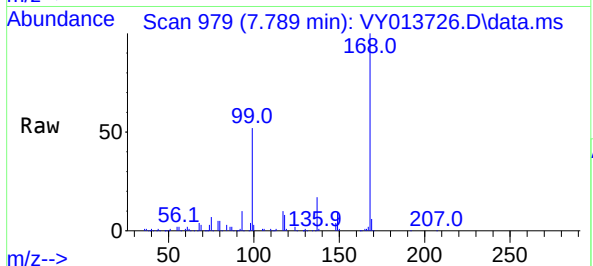




#38
Carbon Tetrachloride
Concen: 5.441 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

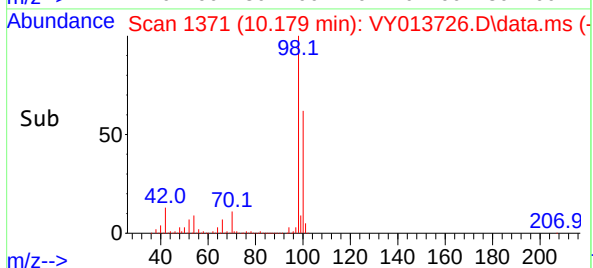
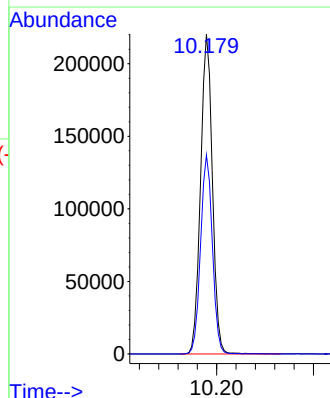
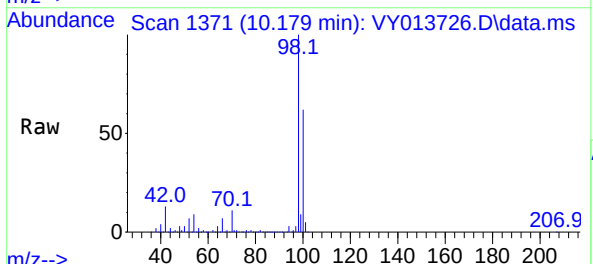
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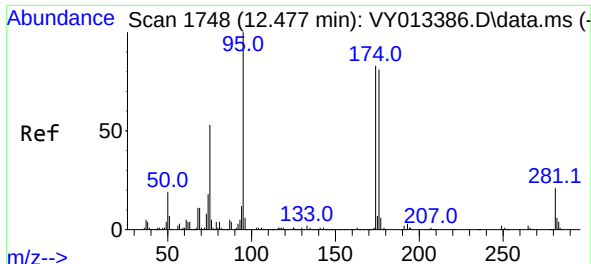
Tgt Ion:117 Resp: 19782
Ion Ratio Lower Upper
117 100
119 5.6 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 50.159 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

Tgt Ion: 98 Resp: 372961
Ion Ratio Lower Upper
98 100
100 62.1 50.5 75.7

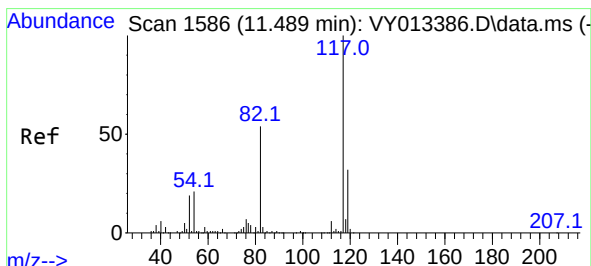
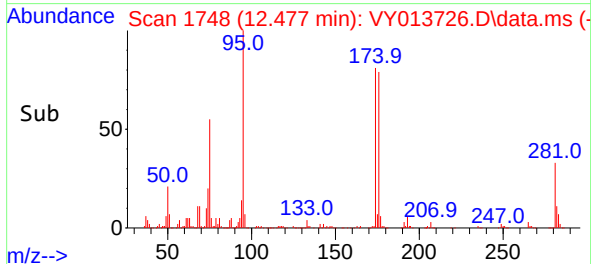
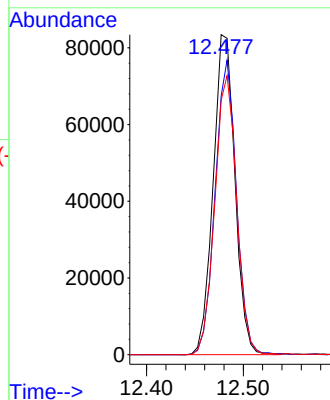
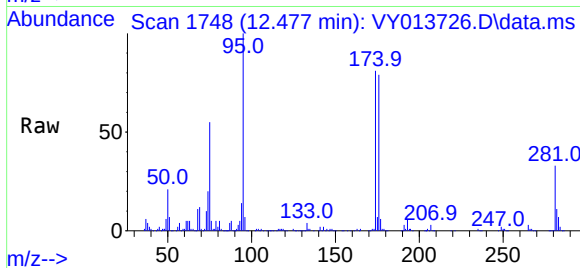




#62
4-Bromofluorobenzene
Concen: 52.152 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

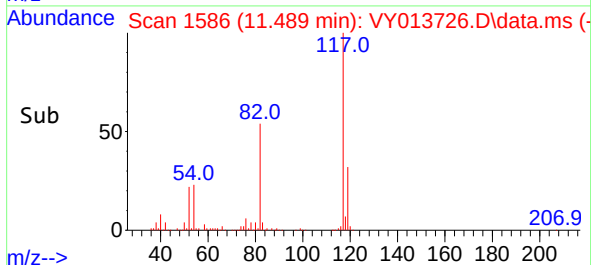
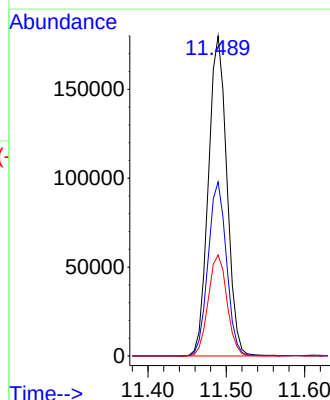
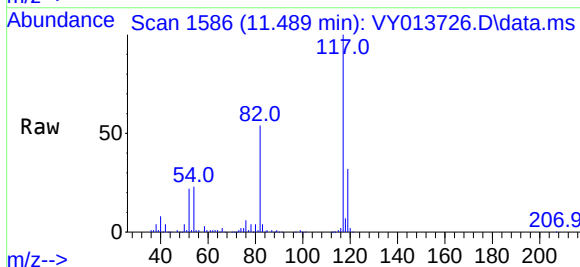
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

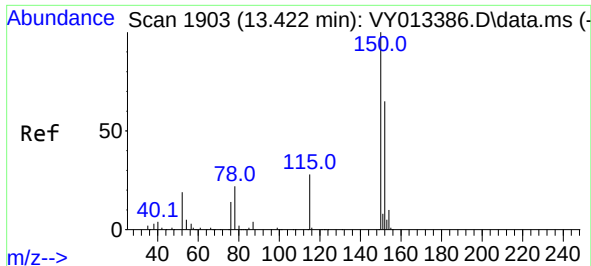
Tgt Ion: 95 Resp: 130732
Ion Ratio Lower Upper
95 100
174 90.0 0.0 182.0
176 87.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

Tgt Ion: 117 Resp: 294902
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.6
119 31.6 25.5 38.3

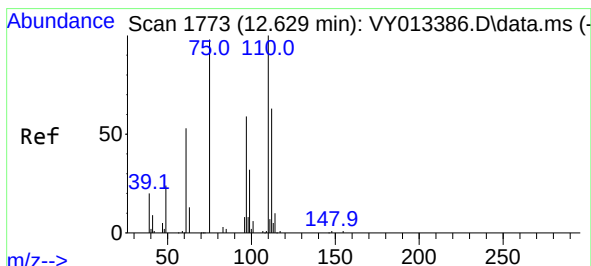
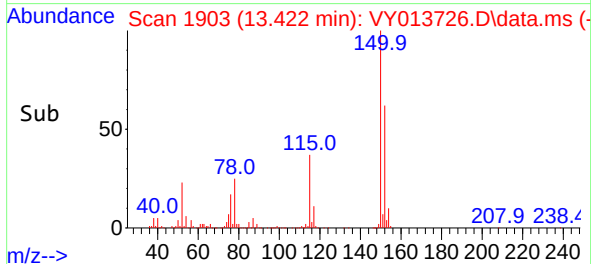
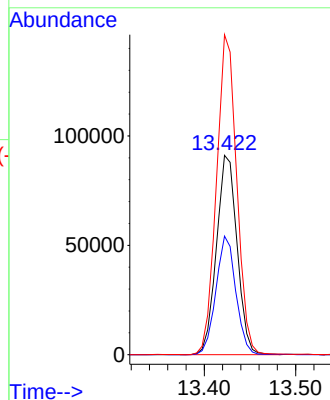
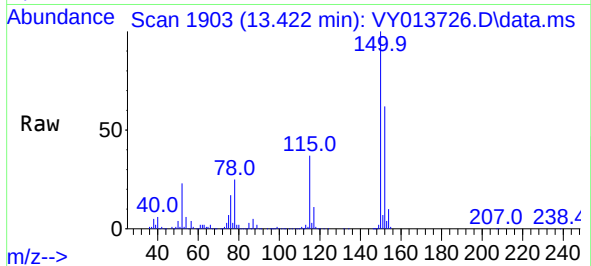




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

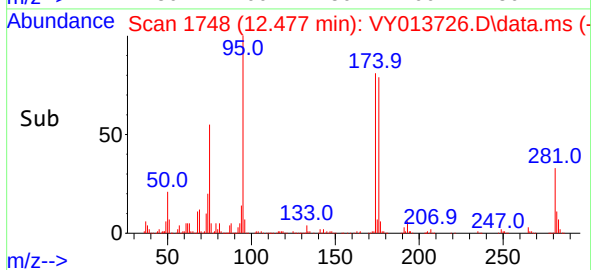
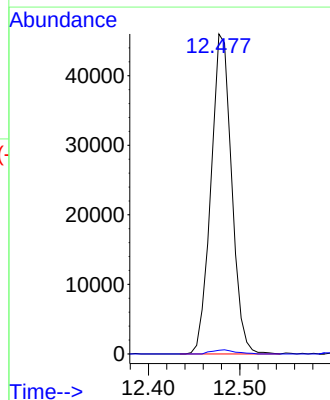
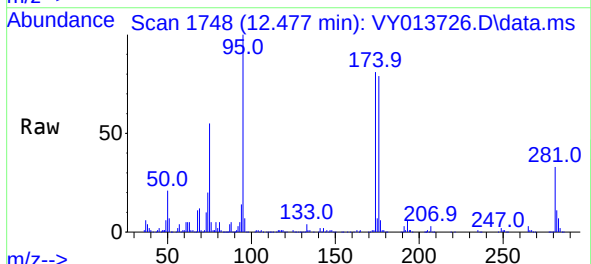
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

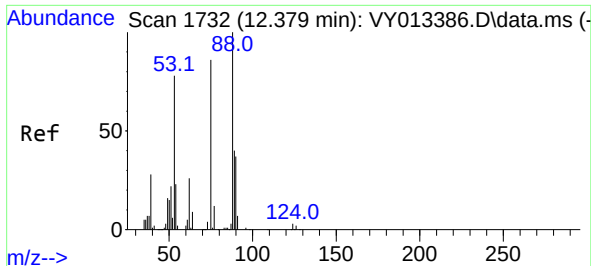
Tgt Ion:152 Resp: 142901
Ion Ratio Lower Upper
152 100
115 57.5 28.1 84.2
150 158.1 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 37.525 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

Tgt Ion: 75 Resp: 72318
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.760 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013726.D
Acq: 15 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

Tgt Ion: 75 Resp: 72318
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.8 38.0 57.0#

