

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
 Data File : VX033123.D
 Acq On : 30 Nov 2022 10:40
 Operator : JC/MD
 Sample : VX1130WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBL01

Quant Time: Dec 01 00:17:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

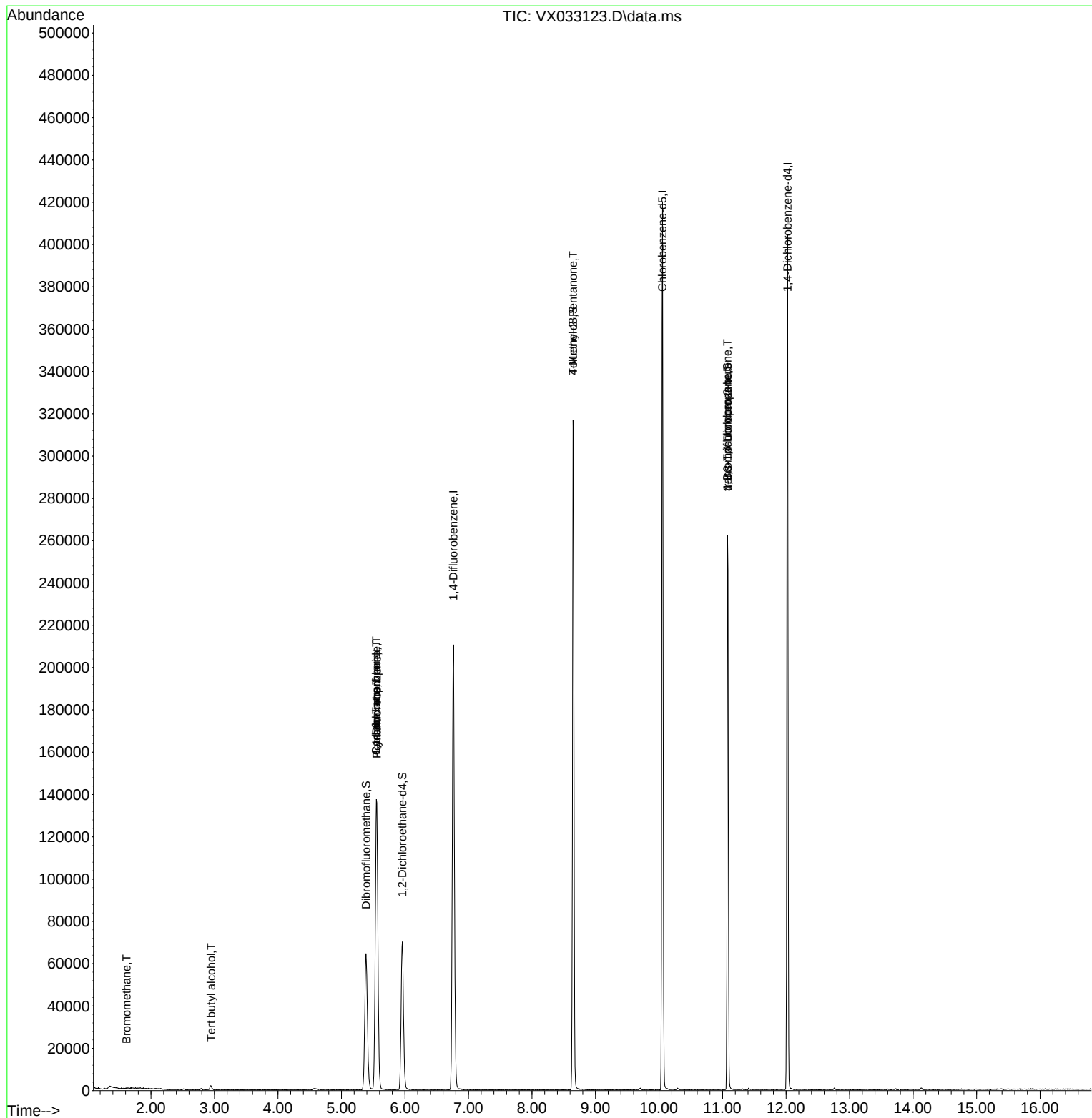
Internal Standards						
1) Pentafluorobenzene	5.556	168	130137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70610	55.896	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.800%			
35) Dibromofluoromethane	5.385	113	55567	46.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.600%			
50) Toluene-d8	8.647	98	187429	52.572	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.140%			
62) 4-Bromofluorobenzene	11.079	95	67257	43.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.240%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	196	0.221	ug/l #	70
11) Tert butyl alcohol	2.946	59	1337	6.655	ug/l #	72
20) Methylene Chloride	2.788	84	330	Below Cal		88
31) Cyclohexane	5.550	56	2795	1.361	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10408	5.482	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13626	6.469	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	951	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36625	22.696	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36625	73.773	ug/l #	6

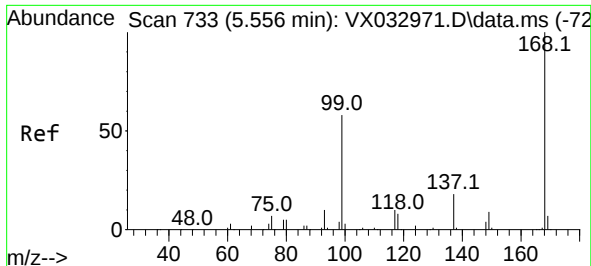
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

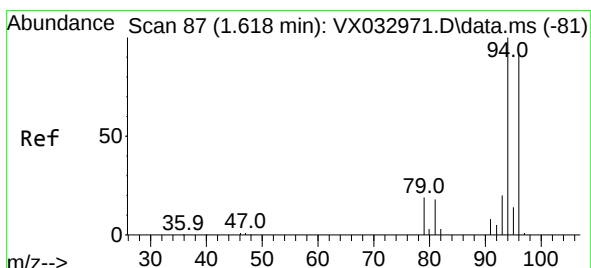
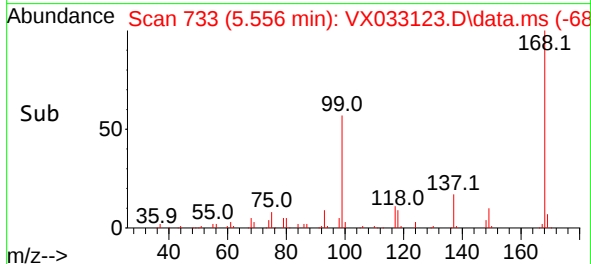
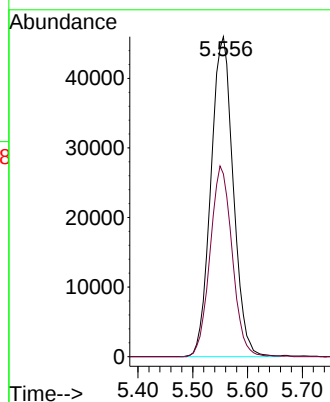
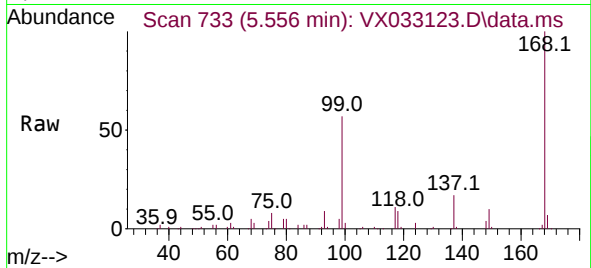




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033123.D
Acq: 30 Nov 2022 10:40

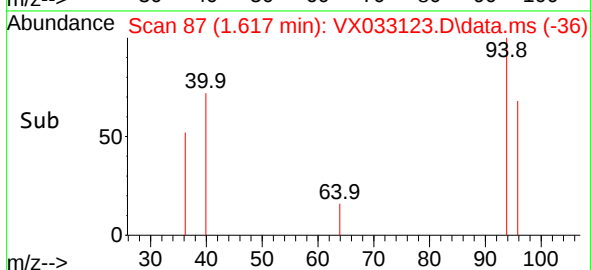
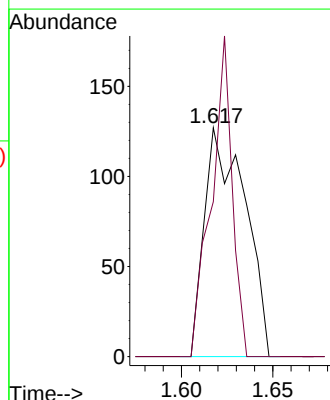
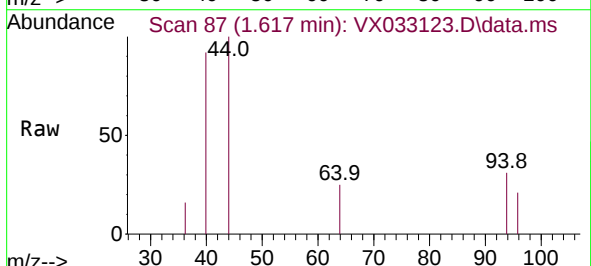
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBL01

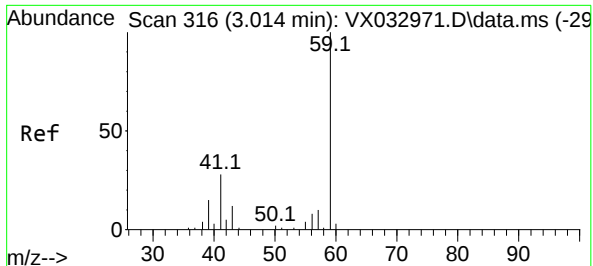
Tgt Ion:168 Resp: 130137
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#5
Bromomethane
Concen: 0.221 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX033123.D
Acq: 30 Nov 2022 10:40

Tgt Ion: 94 Resp: 196
Ion Ratio Lower Upper
94 100
96 67.7 77.6 116.4#

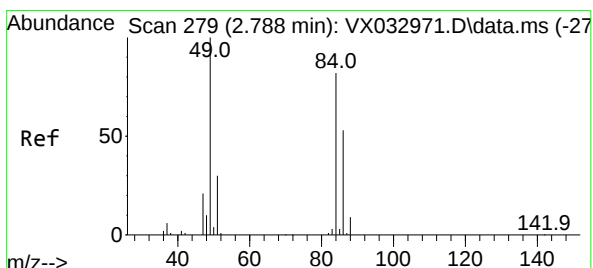
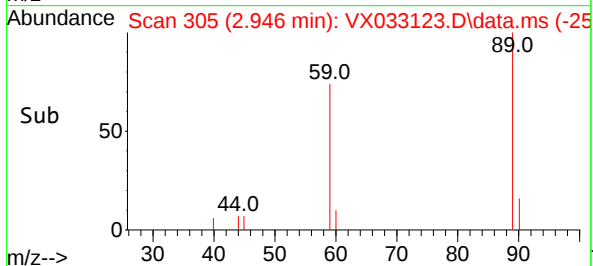
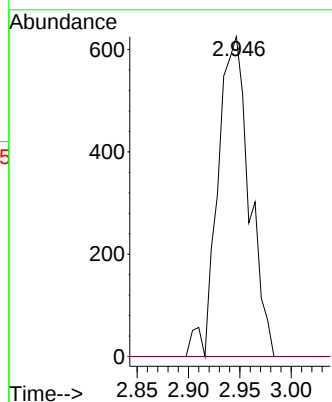
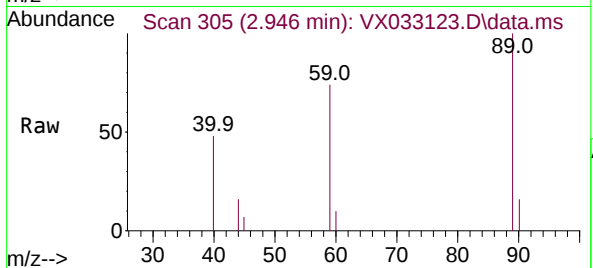




#11
Tert butyl alcohol
Concen: 6.655 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX033123.D
Acq: 30 Nov 2022 10:40

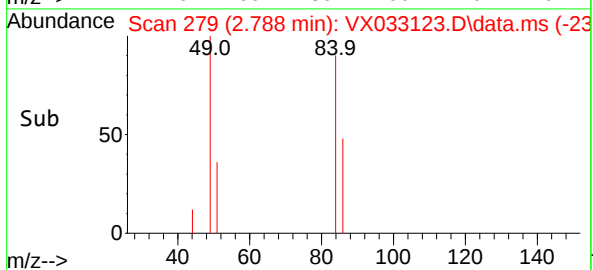
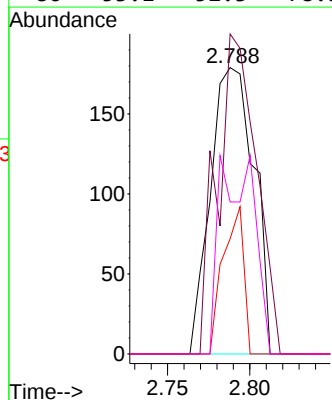
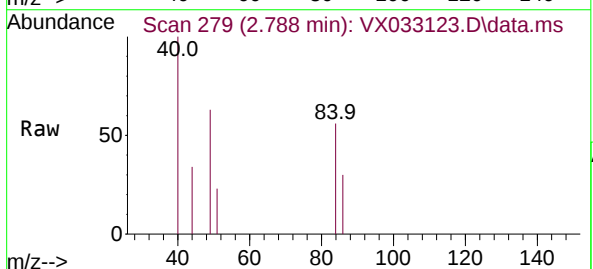
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBL01

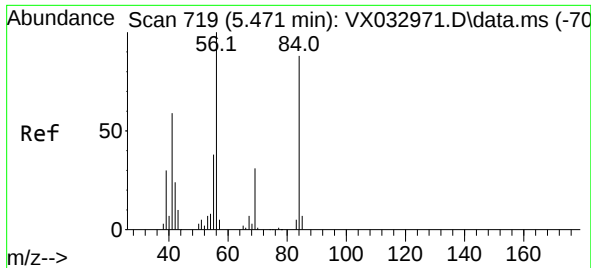
Tgt Ion: 59 Resp: 1337
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033123.D
Acq: 30 Nov 2022 10:40

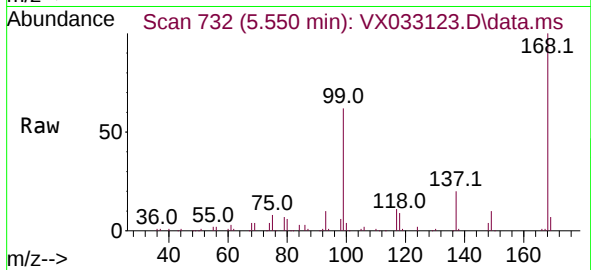
Tgt Ion: 84 Resp: 330
Ion Ratio Lower Upper
84 100
49 111.7 101.0 151.6
51 40.2 31.1 46.7
86 53.1 52.3 78.5



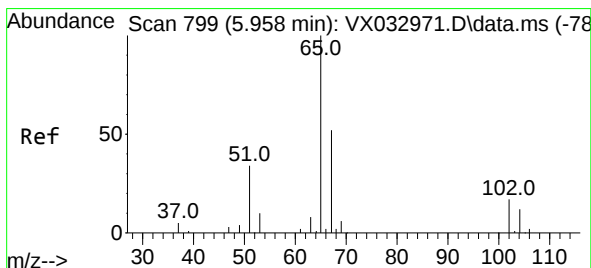
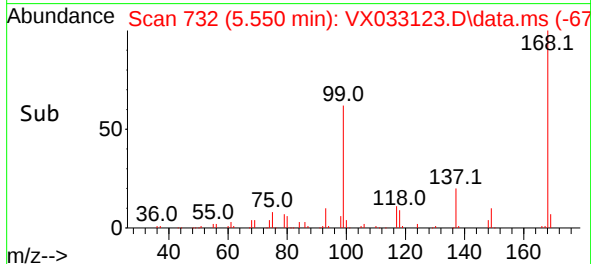
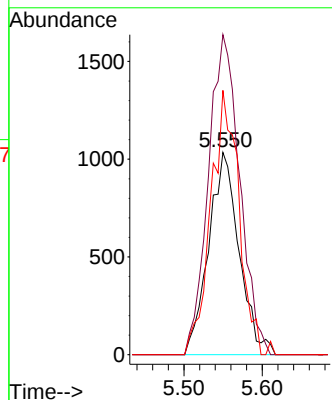


#31
Cyclohexane
Concen: 1.361 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033123.D
Acq: 30 Nov 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBL01

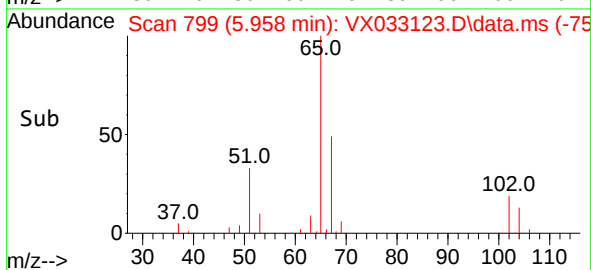
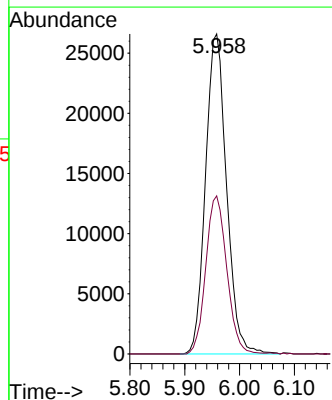
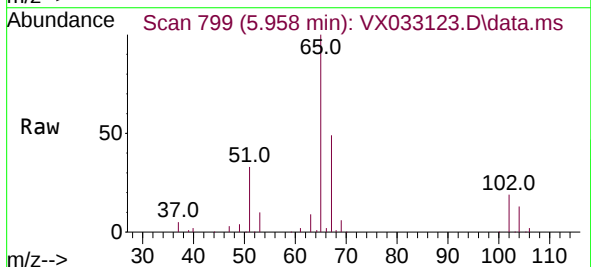


Tgt Ion: 56 Resp: 2795
Ion Ratio Lower Upper
56 100
69 158.2 24.1 36.1#
84 130.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 55.896 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033123.D
Acq: 30 Nov 2022 10:40

Tgt Ion: 65 Resp: 70610
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

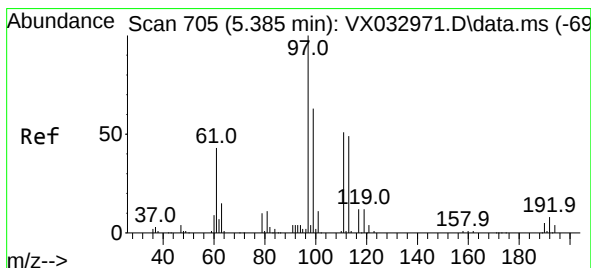
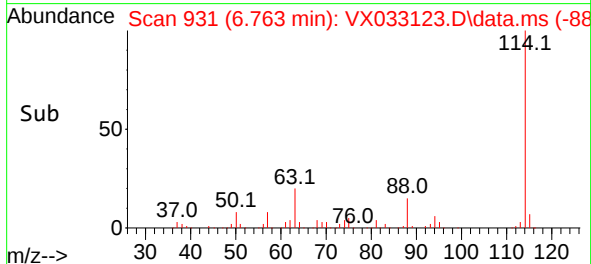
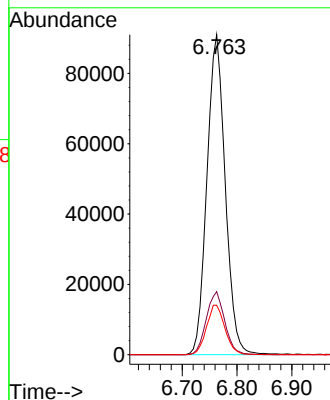
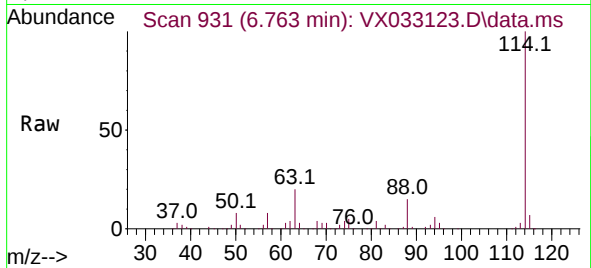




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033123.D
Acq: 30 Nov 2022 10:40

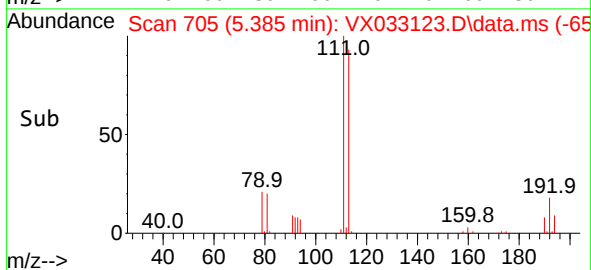
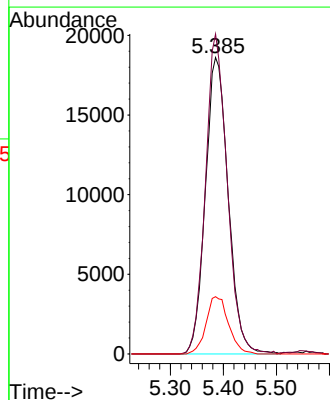
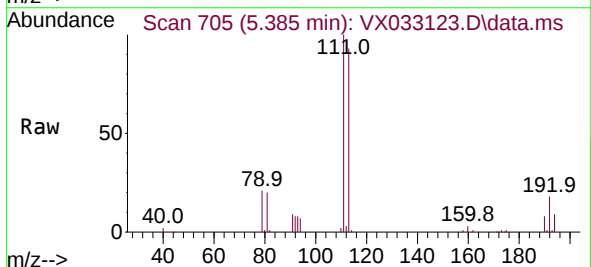
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBL01

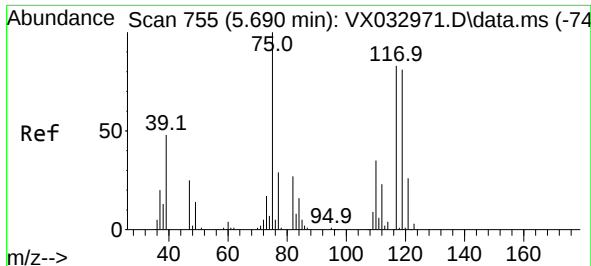
Tgt Ion:114 Resp: 210624
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.796 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033123.D
Acq: 30 Nov 2022 10:40

Tgt Ion:113 Resp: 55567
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.0 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.482 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.146 min

Lab File: VX033123.D

Acq: 30 Nov 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBL01

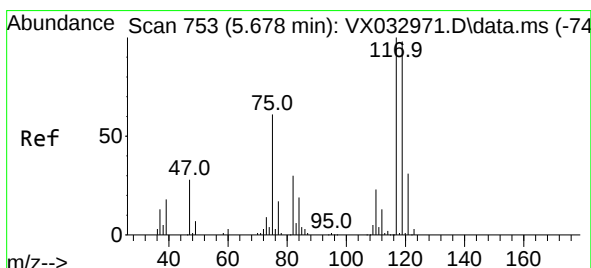
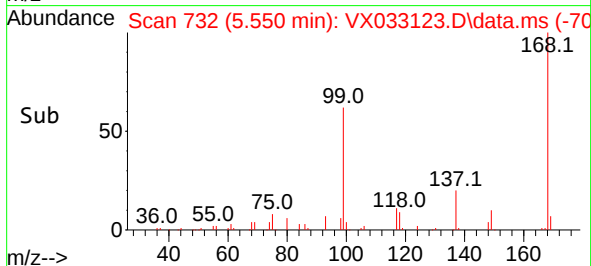
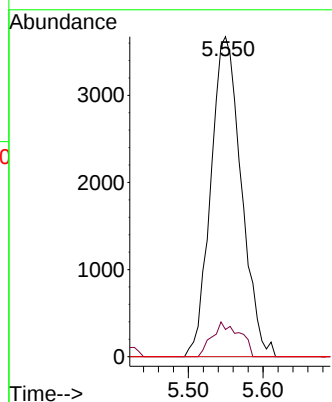
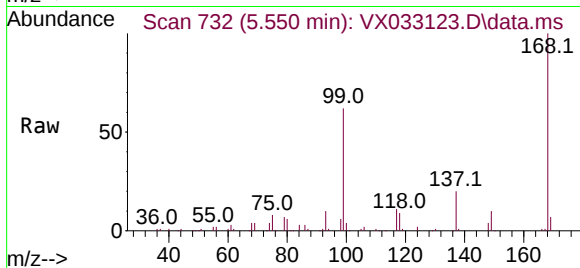
Tgt Ion: 75 Resp: 10408

Ion Ratio Lower Upper

75 100

110 9.9 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.469 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX033123.D

Acq: 30 Nov 2022 10:40

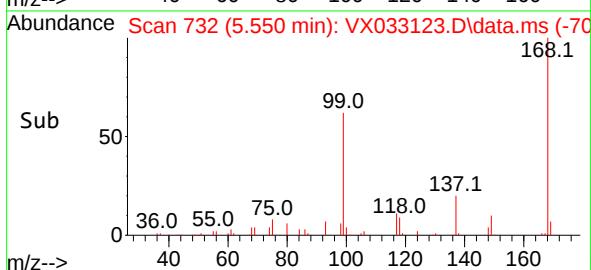
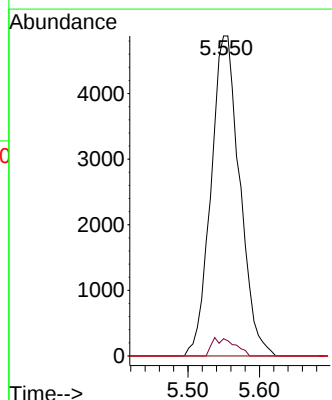
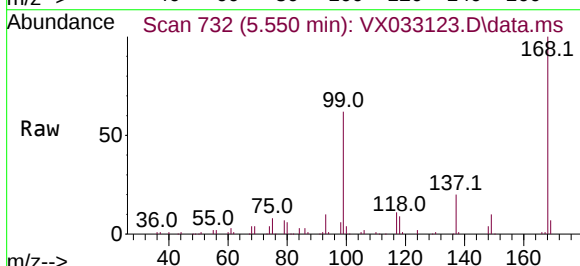
Tgt Ion: 117 Resp: 13626

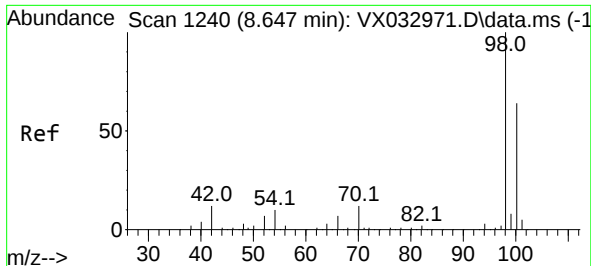
Ion Ratio Lower Upper

117 100

119 5.4 77.2 115.8#

121 0.0 25.8 38.6#

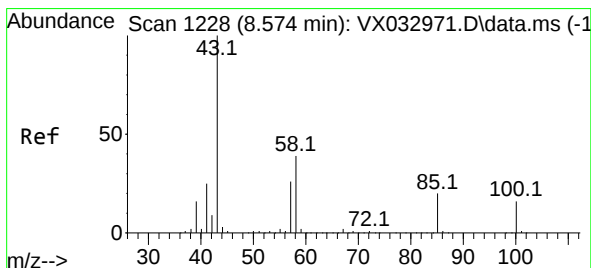
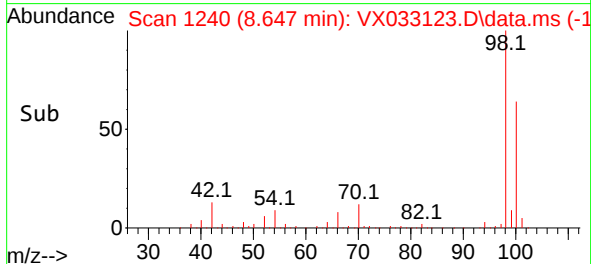
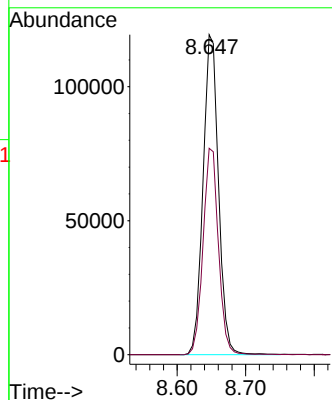
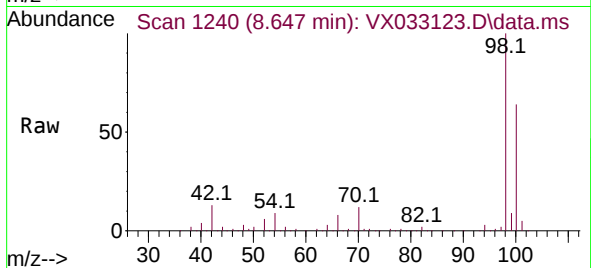




#50
Toluene-d8
Concen: 52.572 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033123.D
Acq: 30 Nov 2022 10:40

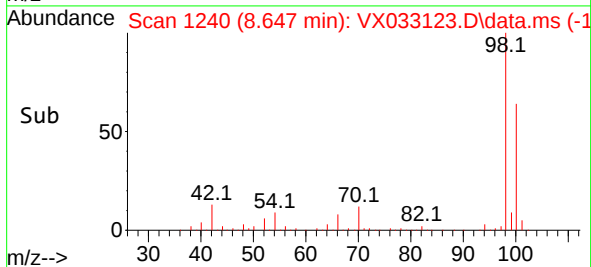
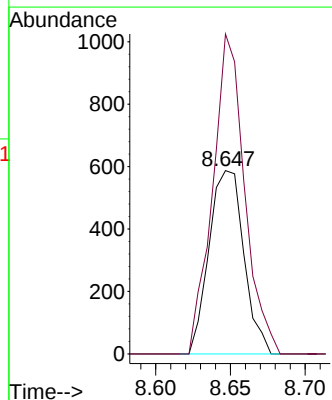
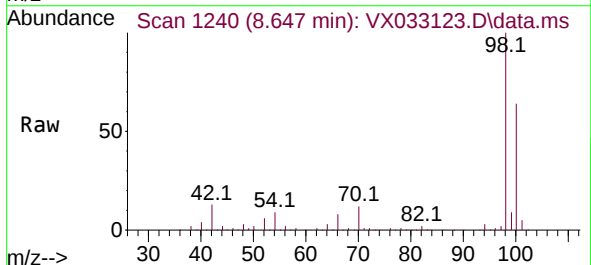
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBL01

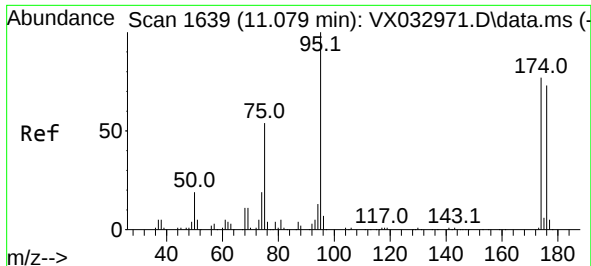
Tgt Ion: 98 Resp: 187429
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033123.D
Acq: 30 Nov 2022 10:40

Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 160.3 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 43.119 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033123.D

Acq: 30 Nov 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBL01

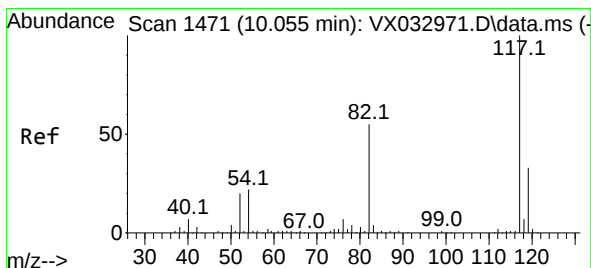
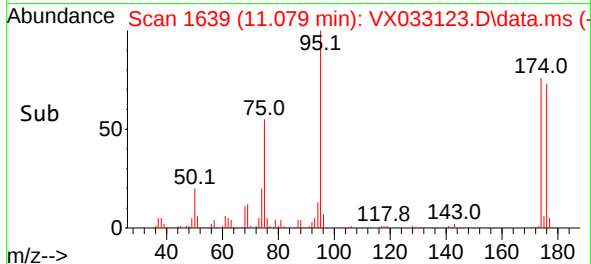
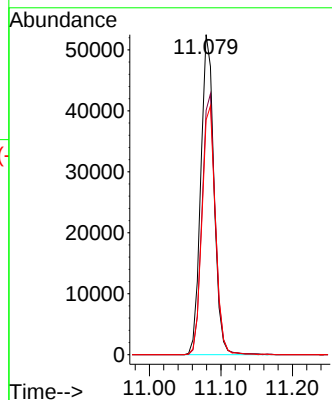
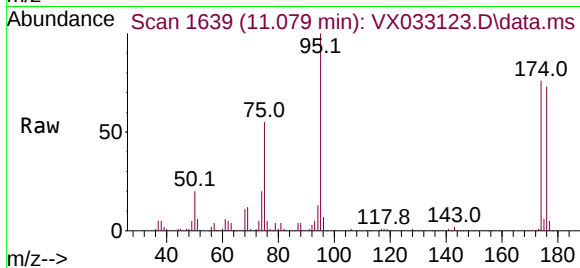
Tgt Ion: 95 Resp: 67257

Ion Ratio Lower Upper

95 100

174 81.9 0.0 164.0

176 79.4 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033123.D

Acq: 30 Nov 2022 10:40

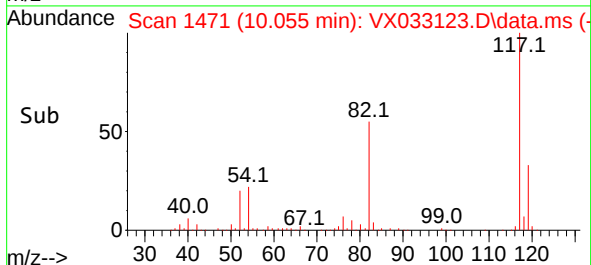
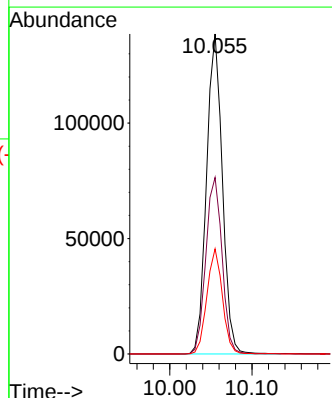
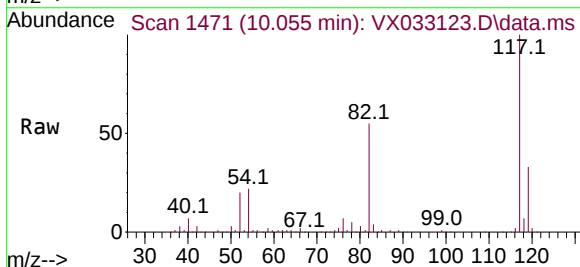
Tgt Ion: 117 Resp: 185721

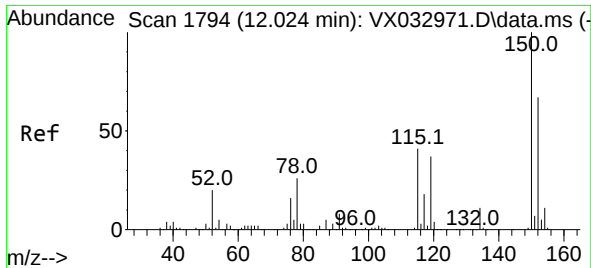
Ion Ratio Lower Upper

117 100

82 55.1 44.3 66.5

119 32.8 25.7 38.5

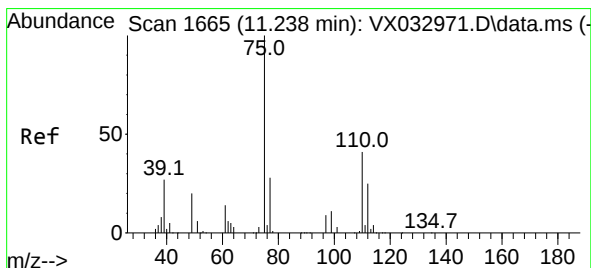
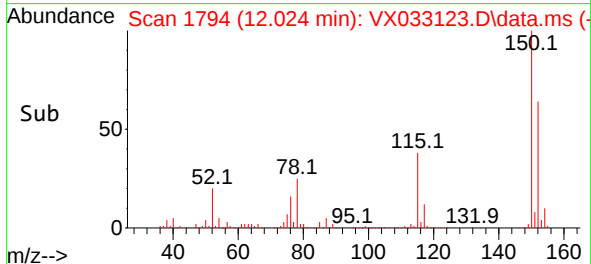
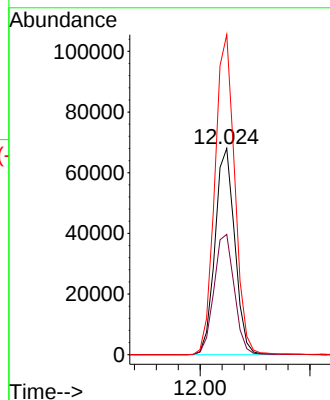
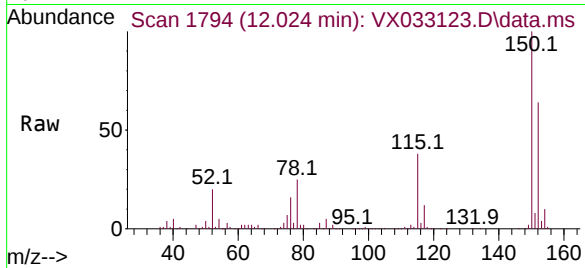




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX033123.D
 Acq: 30 Nov 2022 10:40

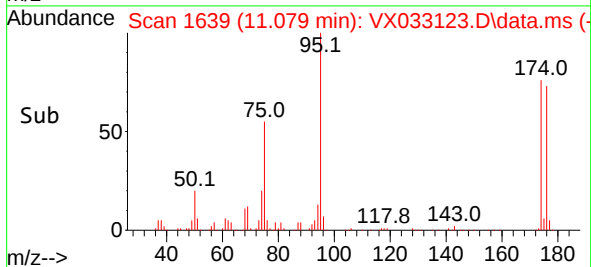
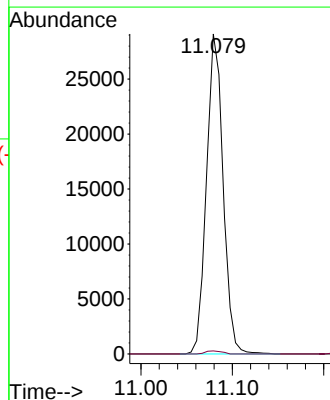
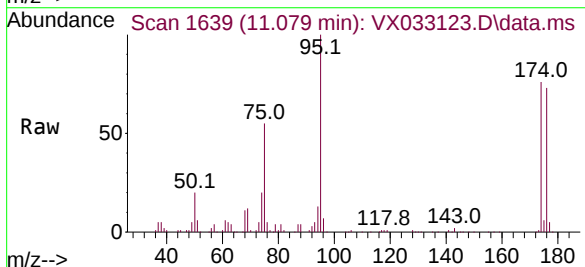
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBL01

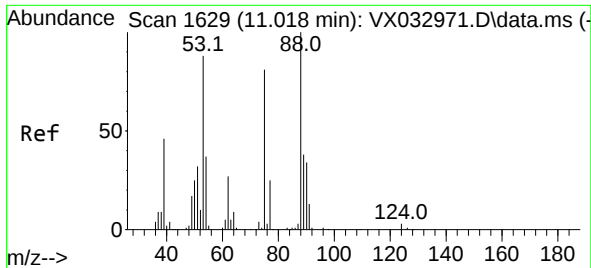
Tgt Ion:152 Resp: 85208
 Ion Ratio Lower Upper
 152 100
 115 60.2 44.0 132.0
 150 156.2 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 22.696 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX033123.D
 Acq: 30 Nov 2022 10:40

Tgt Ion: 75 Resp: 36625
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.773 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033123.D
 Acq: 30 Nov 2022 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBL01

Tgt Ion: 75 Resp: 36625
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

