

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035918.D
 Acq On : 30 May 2023 19:55
 Operator : JC/MD
 Sample : 02955-16RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07RE

Quant Time: May 31 05:49:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

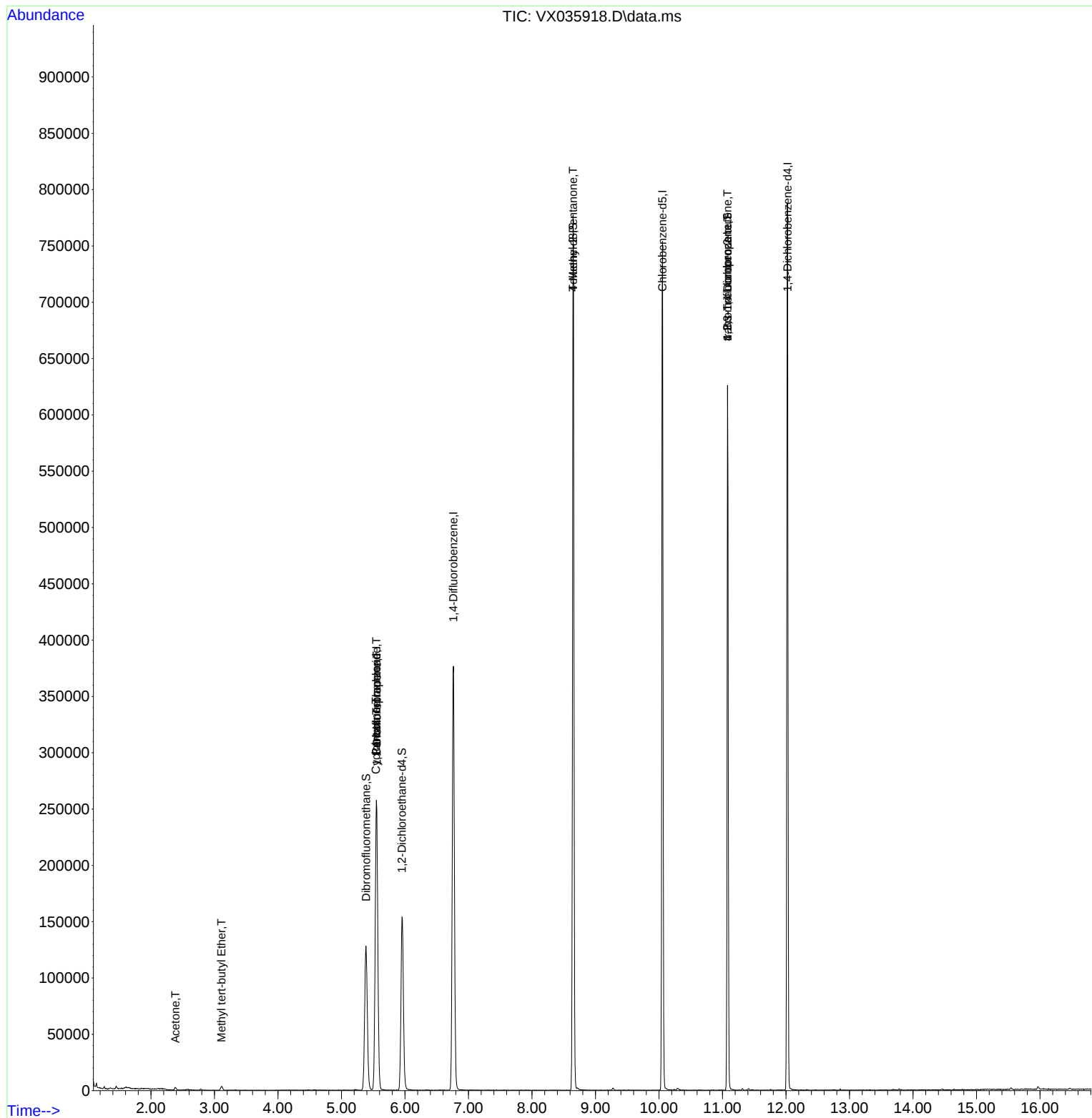
Internal Standards						
1) Pentafluorobenzene	5.550	168	235125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152272	36.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	72.880%#
35) Dibromofluoromethane	5.385	113	114352	43.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.840%
50) Toluene-d8	8.647	98	447741	46.857	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.720%
62) 4-Bromofluorobenzene	11.079	95	170795	45.367	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.740%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2604	1.544	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	3521	0.354	ug/l	96
20) Methylene Chloride	2.776	84	361	Below Cal	#	64
31) Cyclohexane	5.544	56	4812	0.970	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	20163	5.100	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25037	6.719	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1909	0.447	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86517	21.105	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	86517	67.229	ug/l #	3

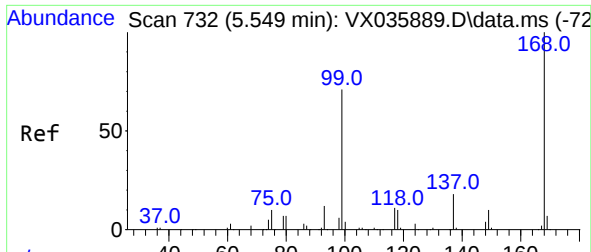
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
Quant Title : SW846 8260
QLast Update : Mon May 29 07:45:36 2023
Response via : Initial Calibration

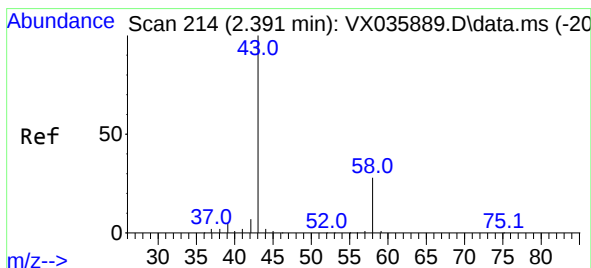
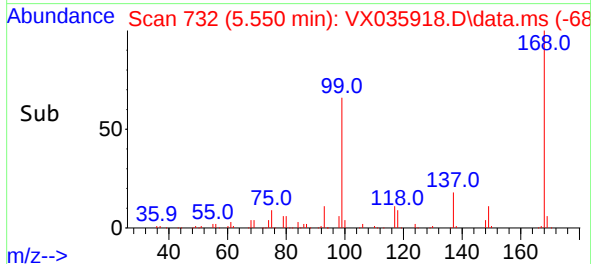
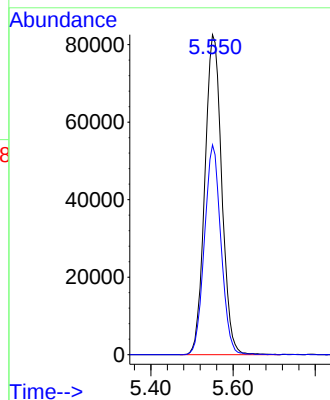
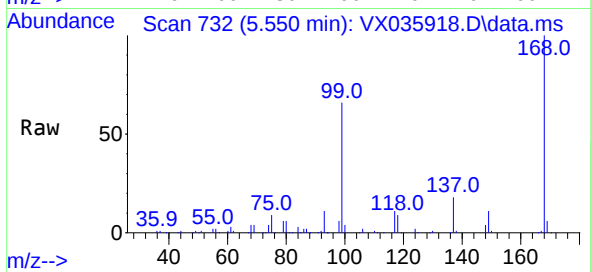




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

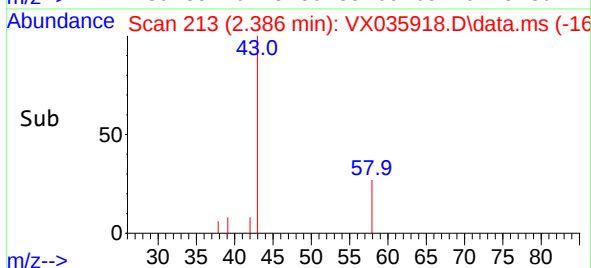
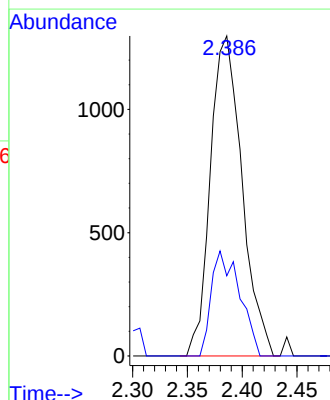
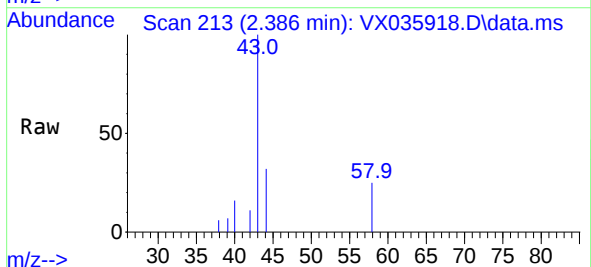
Instrument :
MSVOA_X
ClientSampleId :
DUP07RE

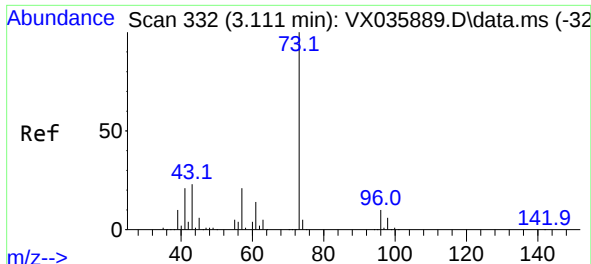
Tgt Ion:168 Resp: 235125
Ion Ratio Lower Upper
168 100
99 65.5 57.0 85.6



#16
Acetone
Concen: 1.544 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

Tgt Ion: 43 Resp: 2604
Ion Ratio Lower Upper
43 100
58 25.0 22.2 33.2

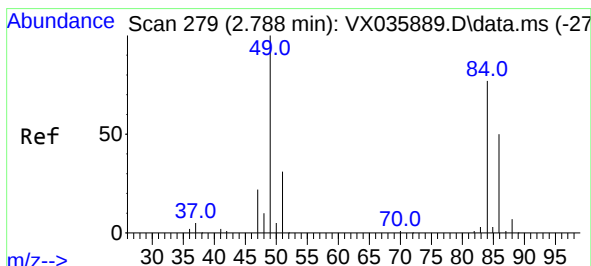
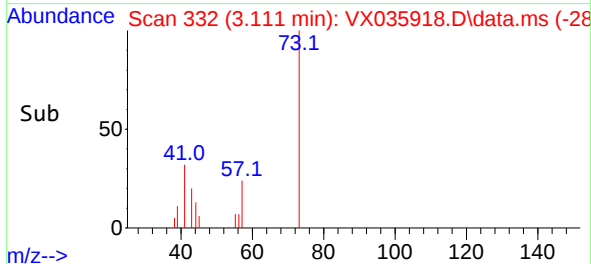
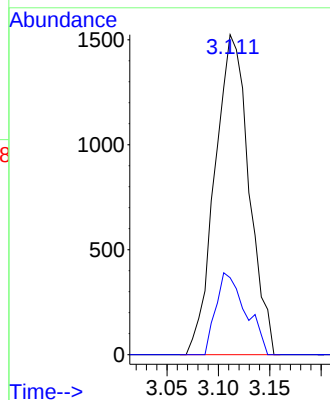
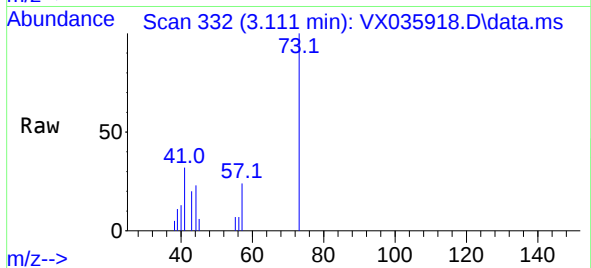




#19
Methyl tert-butyl Ether
Concen: 0.354 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

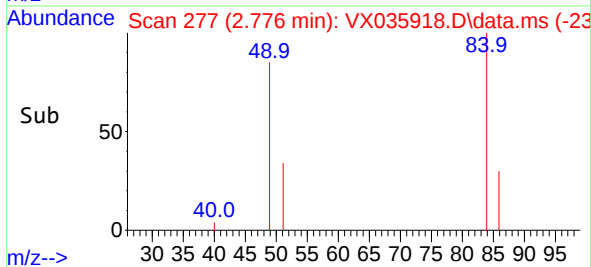
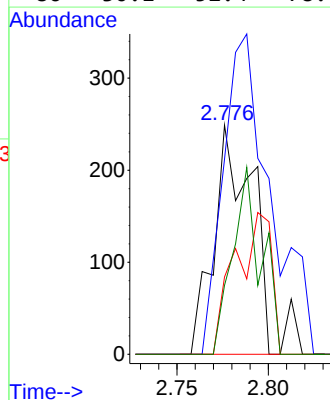
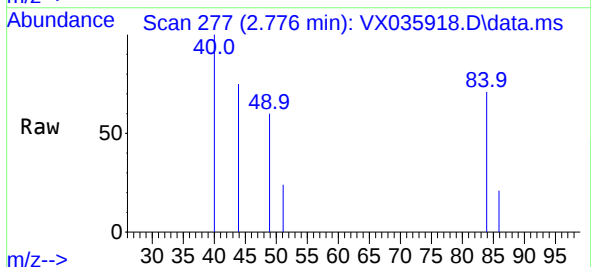
Instrument :
MSVOA_X
ClientSampleId :
DUP07RE

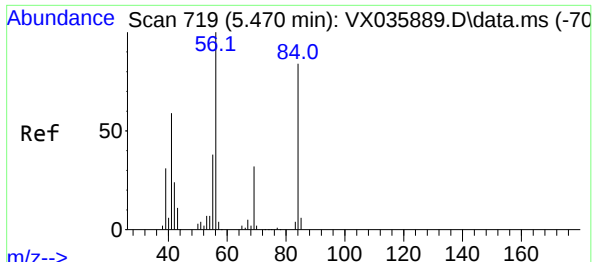
Tgt Ion: 73 Resp: 3521
Ion Ratio Lower Upper
73 100
57 24.0 17.6 26.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

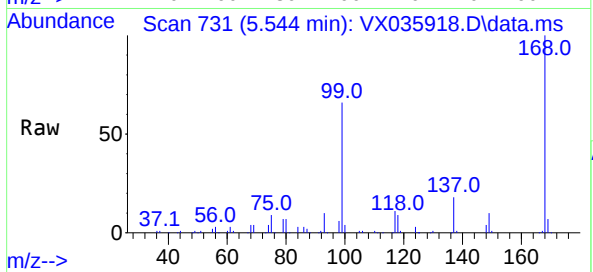
Tgt Ion: 84 Resp: 361
Ion Ratio Lower Upper
84 100
49 85.1 104.6 156.8#
51 33.7 32.2 48.4
86 30.1 52.4 78.6#



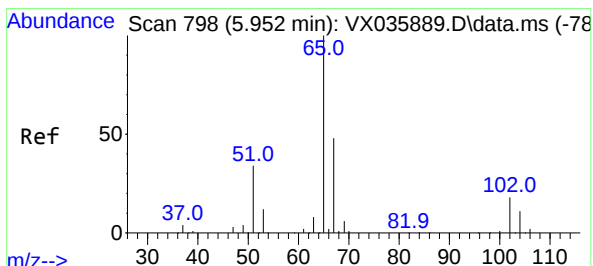
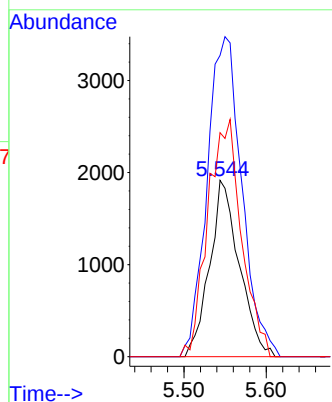
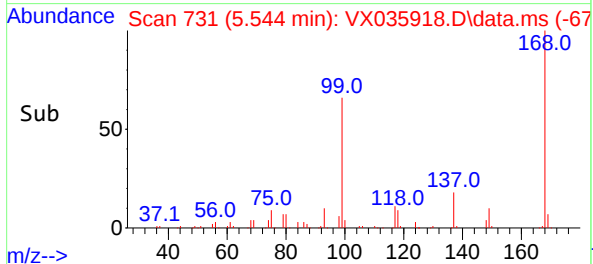


#31
Cyclohexane
Concen: 0.970 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

Instrument :
MSVOA_X
ClientSampleId :
DUP07RE

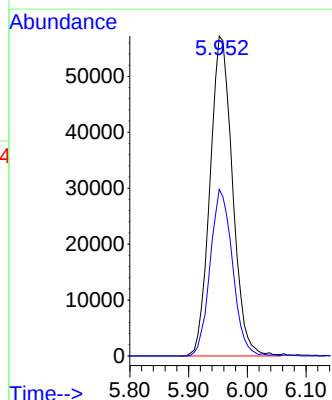
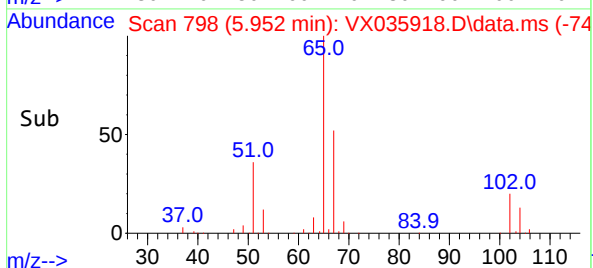
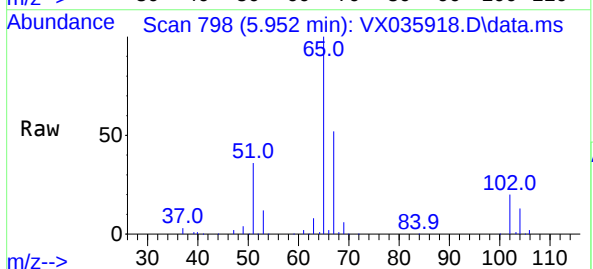


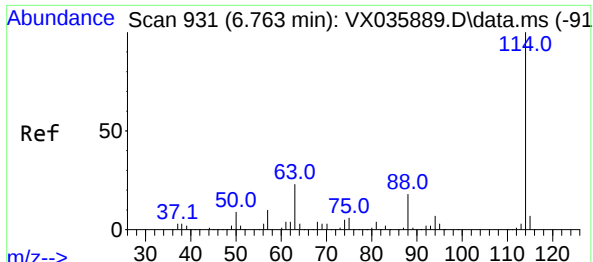
Tgt Ion: 56 Resp: 4812
Ion Ratio Lower Upper
56 100
69 170.9 25.9 38.9#
84 127.0 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 36.443 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

Tgt Ion: 65 Resp: 152272
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.6

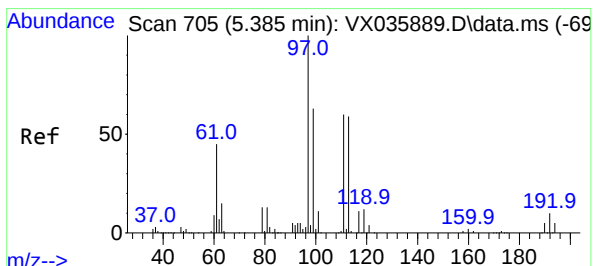
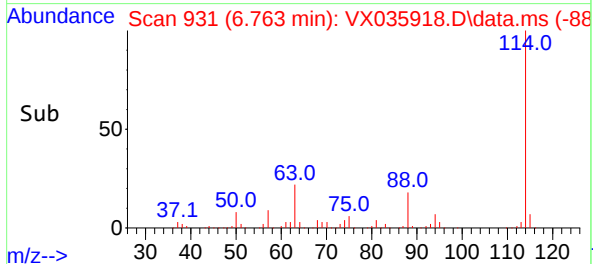
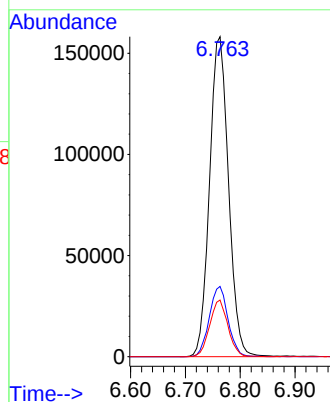
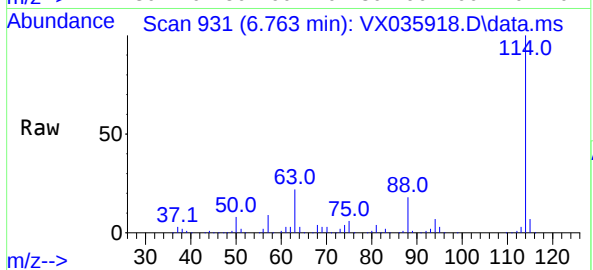




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

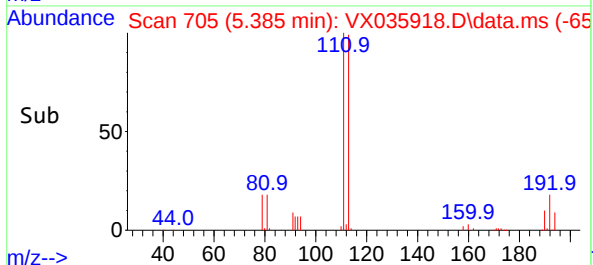
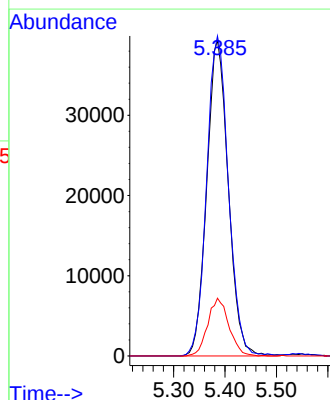
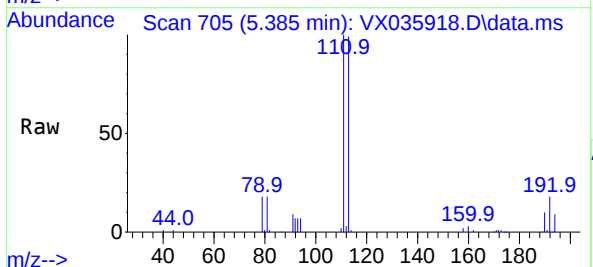
Instrument :
MSVOA_X
ClientSampleId :
DUP07RE

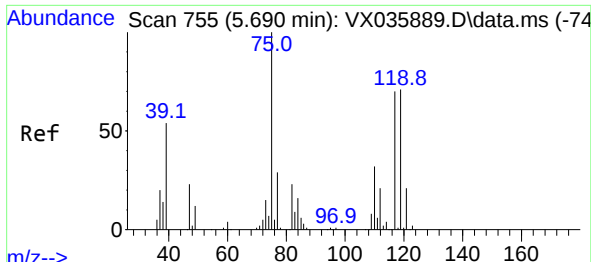
Tgt Ion:114 Resp: 379044
Ion Ratio Lower Upper
114 100
63 22.0 0.0 46.0
88 17.7 0.0 35.2



#35
Dibromofluoromethane
Concen: 43.920 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

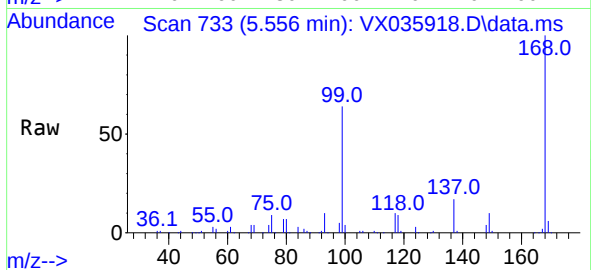
Tgt Ion:113 Resp: 114352
Ion Ratio Lower Upper
113 100
111 102.6 81.7 122.5
192 18.0 13.5 20.3



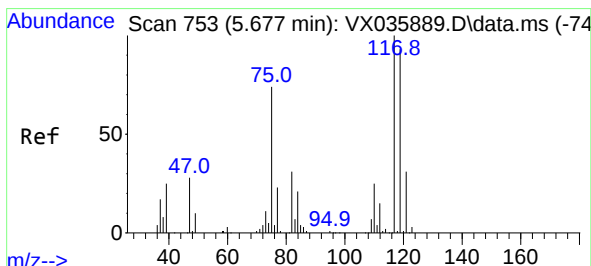
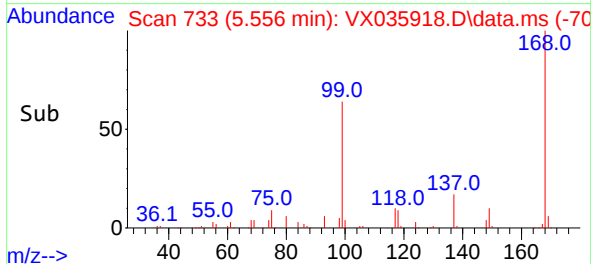
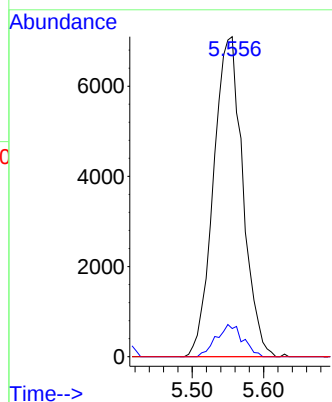


#36
1,1-Dichloropropene
Concen: 5.100 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

Instrument :
MSVOA_X
ClientSampleId :
DUP07RE

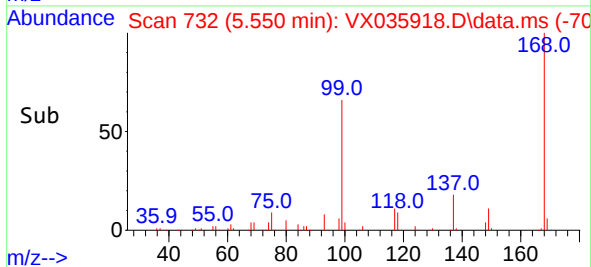
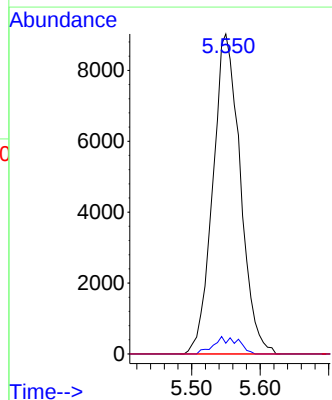
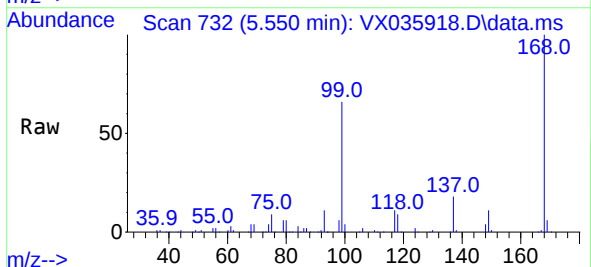


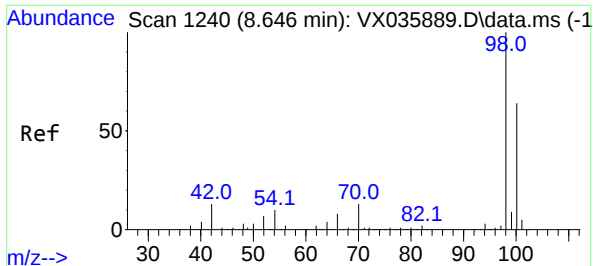
Tgt Ion: 75 Resp: 20163
Ion Ratio Lower Upper
75 100
110 9.1 16.6 49.7#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.719 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

Tgt Ion: 117 Resp: 25037
Ion Ratio Lower Upper
117 100
119 3.4 74.1 111.1#
121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 46.857 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035918.D

Acq: 30 May 2023 19:55

Instrument :

MSVOA_X

ClientSampleId :

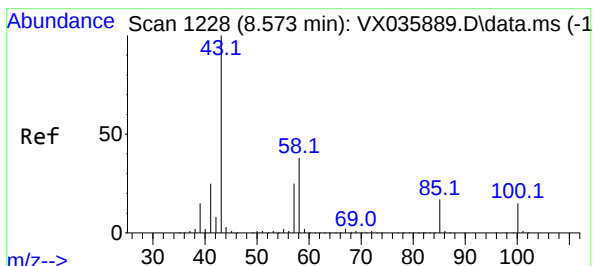
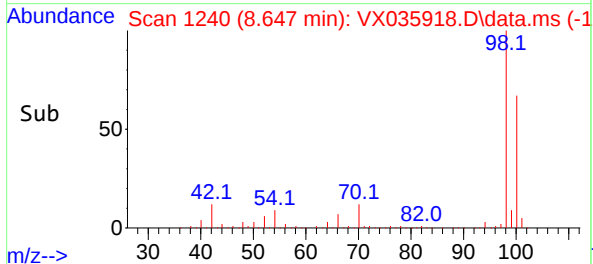
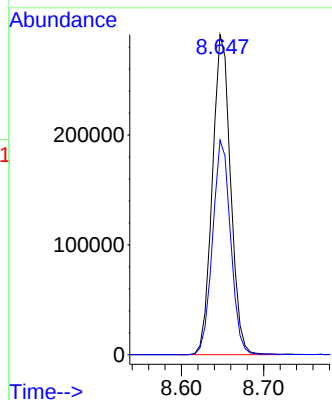
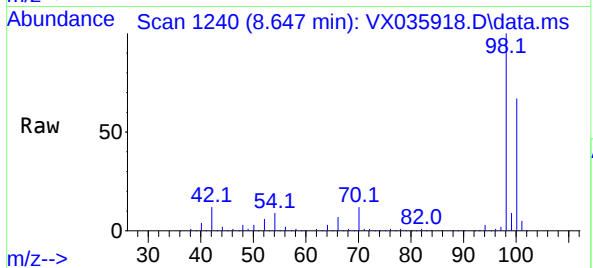
DUP07RE

Tgt Ion: 98 Resp: 447741

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 0.447 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035918.D

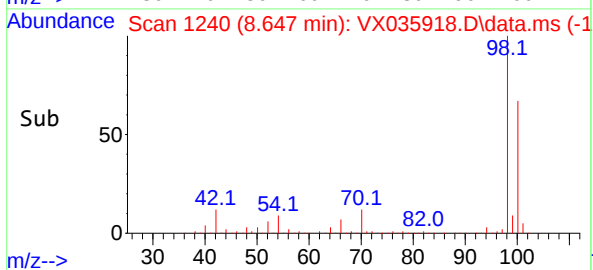
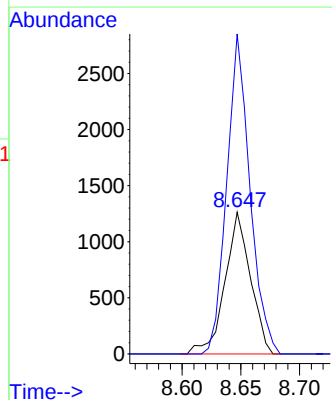
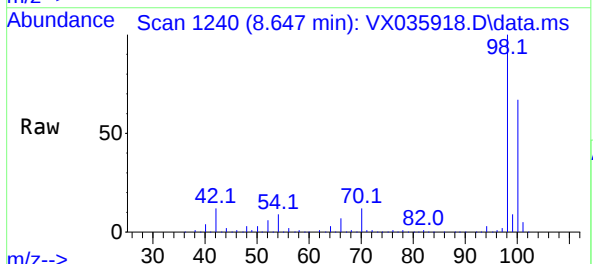
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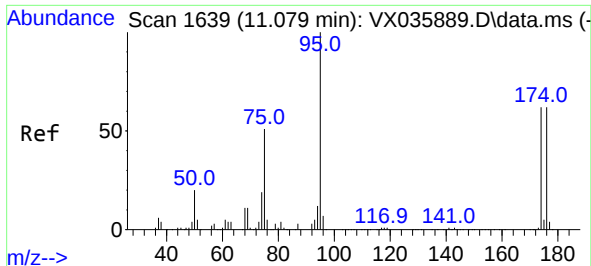
Tgt Ion: 43 Resp: 1909

Ion Ratio Lower Upper

43 100

58 205.2 30.1 45.1#

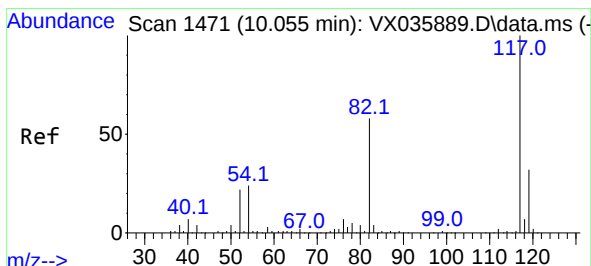
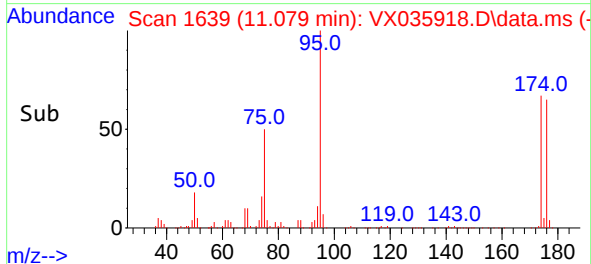
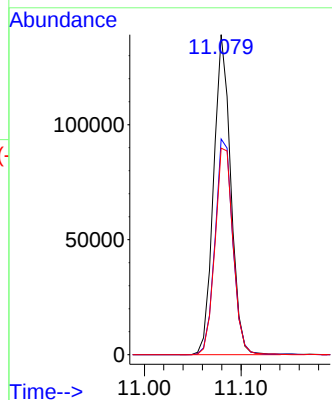
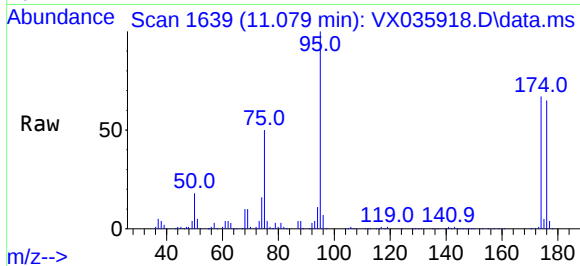




#62
4-Bromofluorobenzene
Concen: 45.367 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

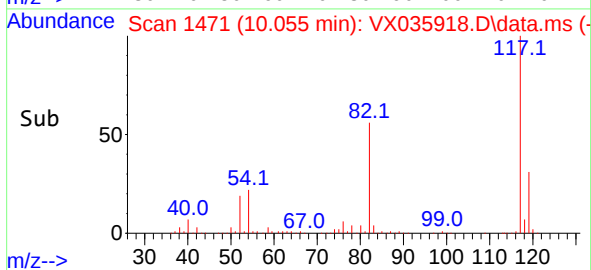
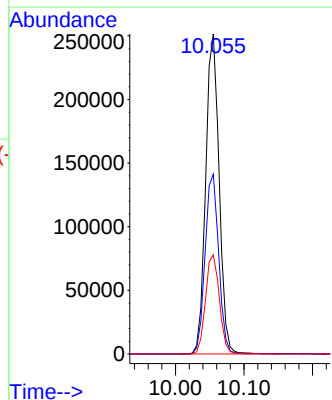
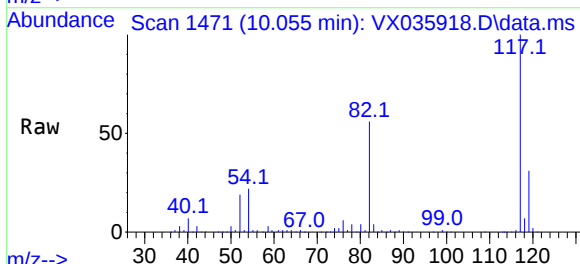
Instrument :
MSVOA_X
ClientSampleId :
DUP07RE

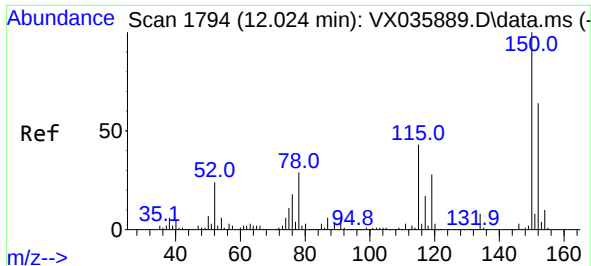
Tgt Ion: 95 Resp: 170795
Ion Ratio Lower Upper
95 100
174 69.9 0.0 132.6
176 68.2 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

Tgt Ion: 117 Resp: 343255
Ion Ratio Lower Upper
117 100
82 56.2 46.6 69.8
119 31.0 25.4 38.2

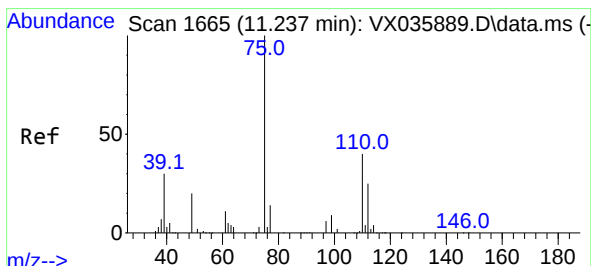
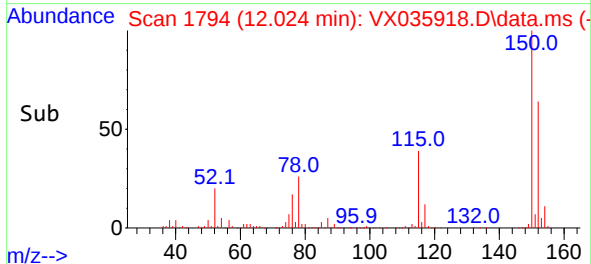
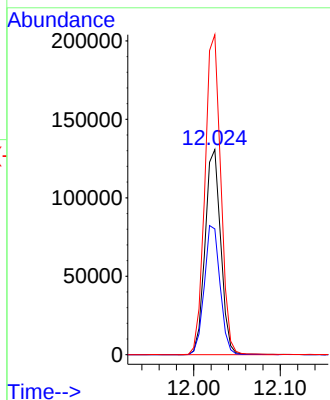
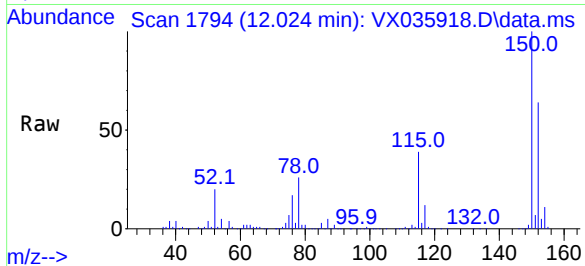




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

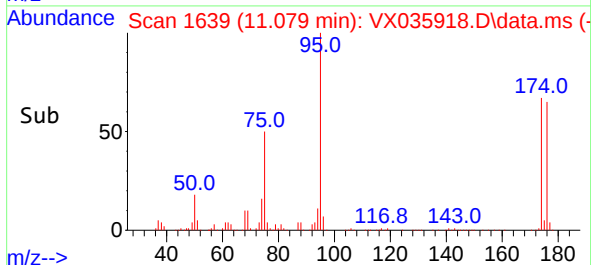
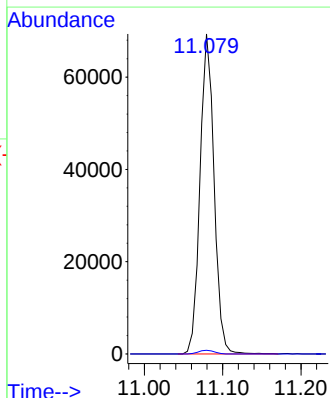
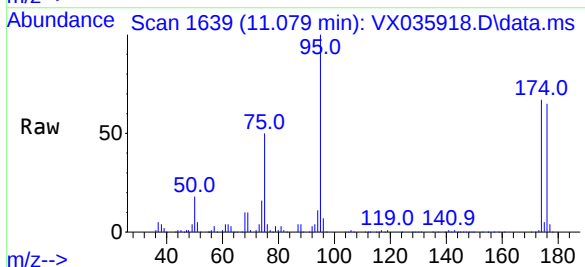
Instrument :
MSVOA_X
ClientSampleId :
DUP07RE

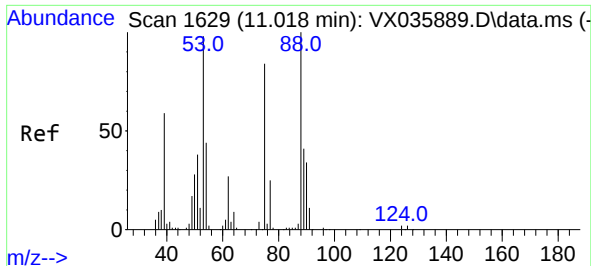
Tgt Ion:152 Resp: 164264
Ion Ratio Lower Upper
152 100
115 63.5 45.5 136.5
150 158.3 0.0 345.2



#76
1,2,3-Trichloropropane
Concen: 21.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

Tgt Ion: 75 Resp: 86517
Ion Ratio Lower Upper
75 100
77 1.3 21.4 64.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.229 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

Instrument :
MSVOA_X
ClientSampleId :
DUP07RE

Tgt Ion: 75 Resp: 86517
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

