

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039625.D
 Acq On : 04 Jan 2024 13:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 00:44:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

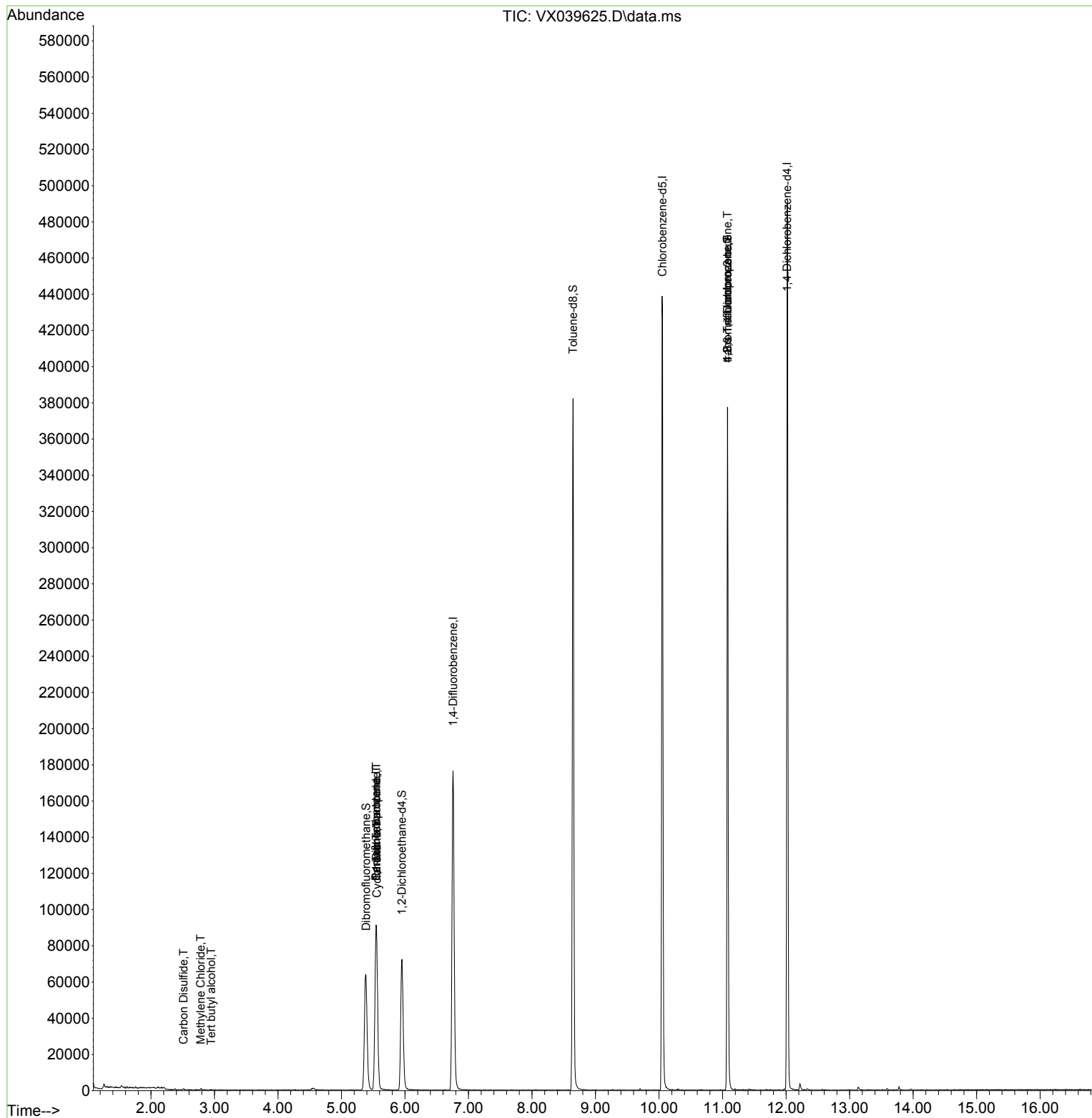
Internal Standards						
1) Pentafluorobenzene	5.544	168	81672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70240	46.946	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.900%
35) Dibromofluoromethane	5.385	113	57743	47.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.840%
50) Toluene-d8	8.647	98	221152	49.436	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.880%
62) 4-Bromofluorobenzene	11.079	95	102278	55.413	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	253	0.673	ug/l #	78
16) Acetone	2.367	43	410	Below Cal		95
17) Carbon Disulfide	2.514	76	733	0.238	ug/l #	76
20) Methylene Chloride	2.782	84	363	0.291	ug/l #	78
31) Cyclohexane	5.556	56	2203	1.140	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	7538	3.964	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9191	5.065	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	55834	23.119	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55834	65.218	ug/l #	5

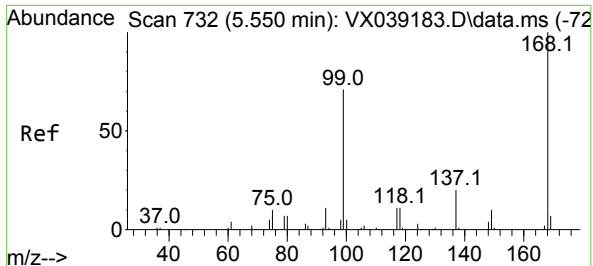
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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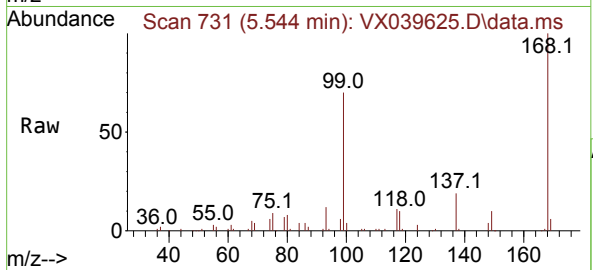


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58

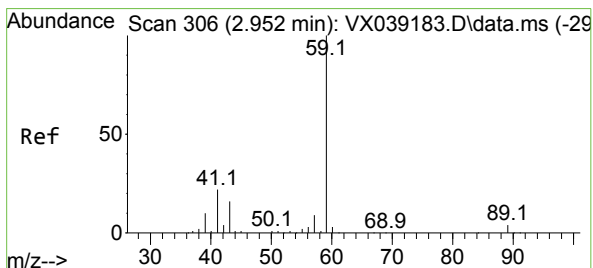
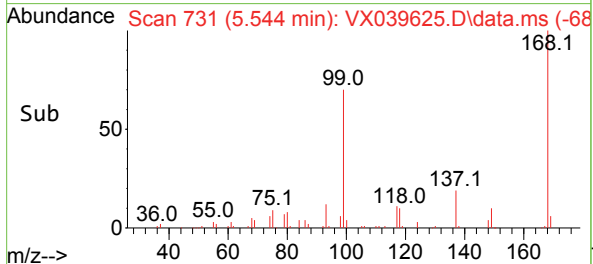
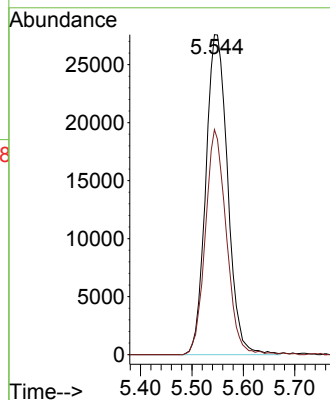
Instrument :

MSVOA_X

ClientSampleId :

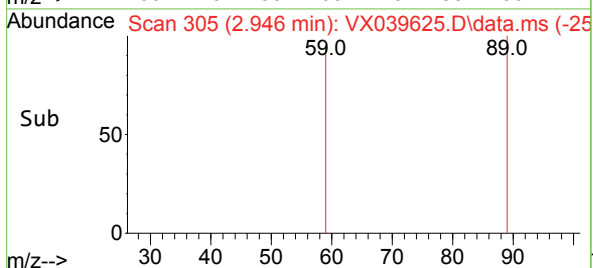
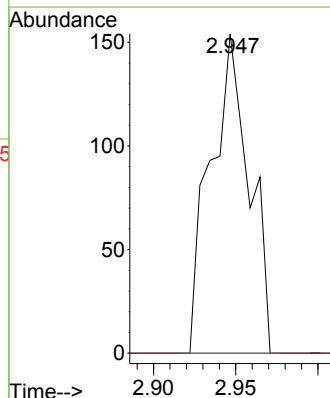
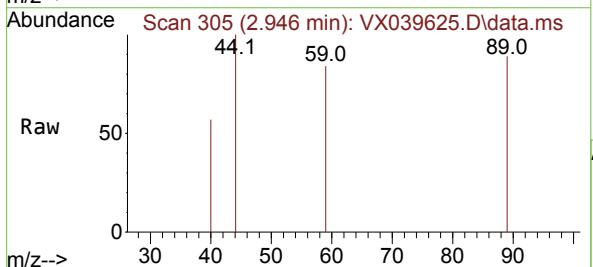


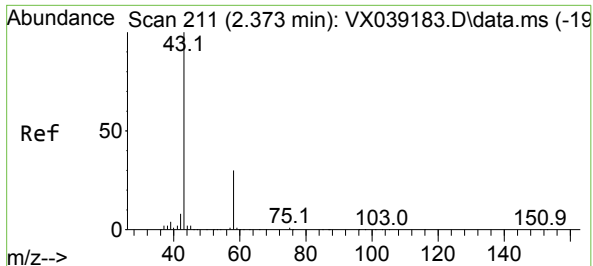
Tgt Ion:168 Resp: 81672
Ion Ratio Lower Upper
168 100
99 70.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.673 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58

Tgt Ion: 59 Resp: 253
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

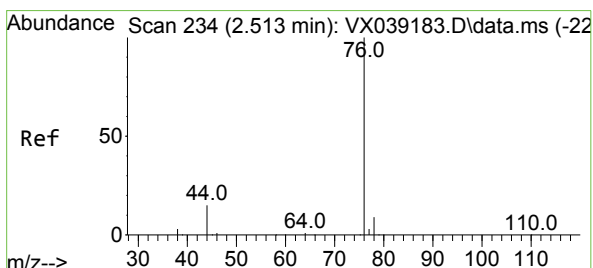
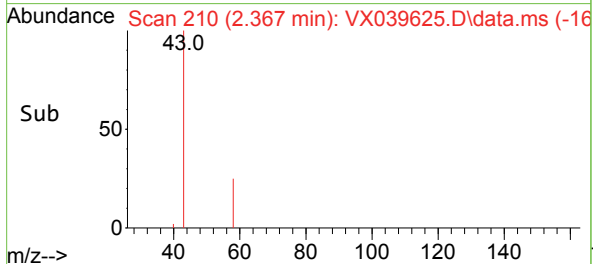
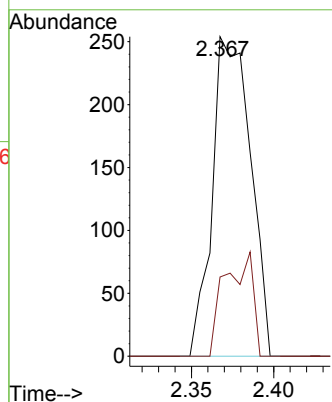
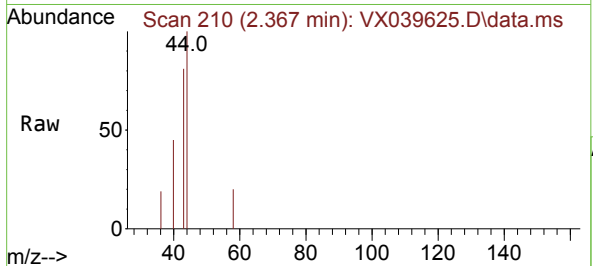




#16
Acetone
Concen: Below Cal
RT: 2.367 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58

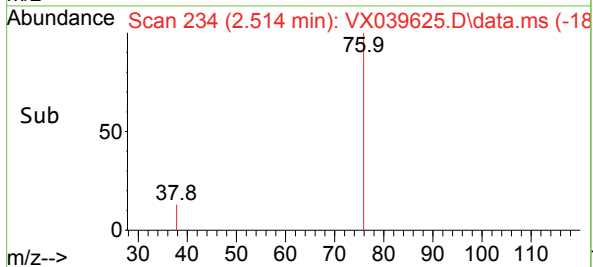
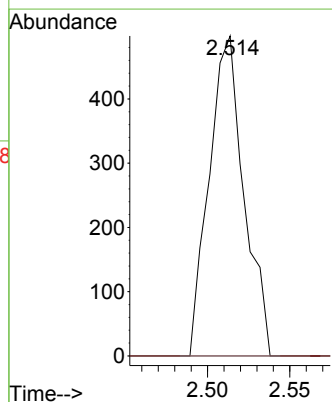
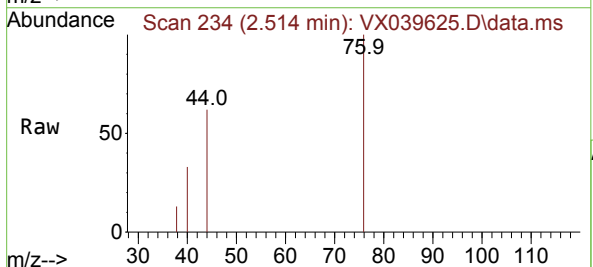
Instrument :
MSVOA_X
ClientSampleId :

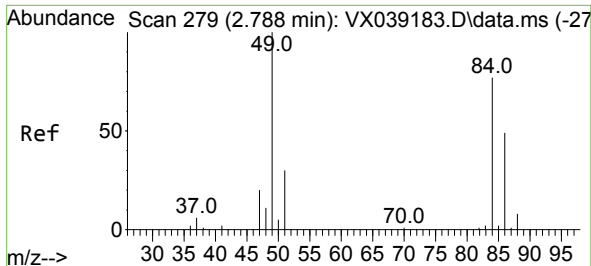
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
58 24.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58

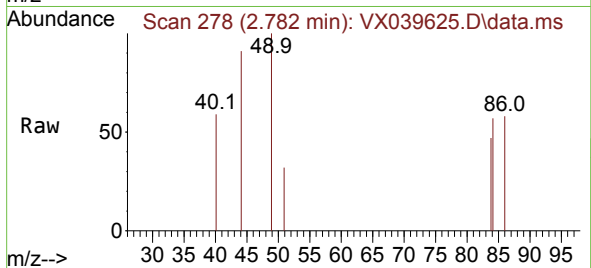
Tgt Ion: 76 Resp: 733
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





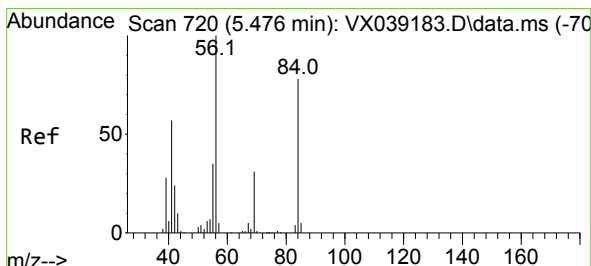
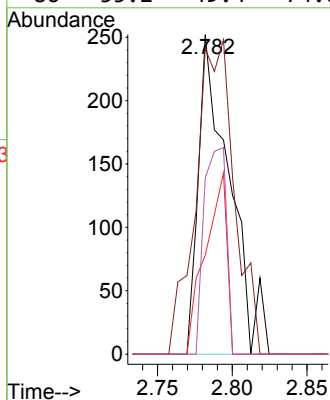
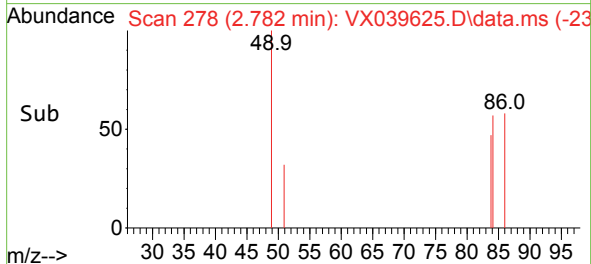
#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58

Instrument :
MSVOA_X
ClientSampleId :

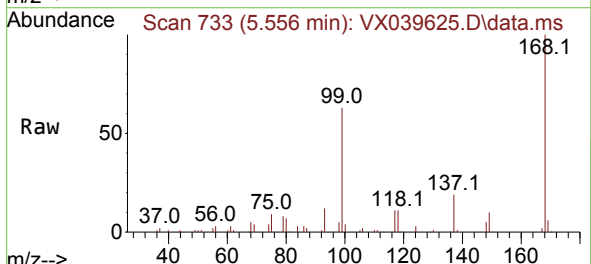


Tgt Ion: 84 Resp: 363

Ion	Ratio	Lower	Upper
84	100		
49	95.6	103.6	155.4#
51	31.0	33.8	50.6#
86	55.2	49.4	74.0

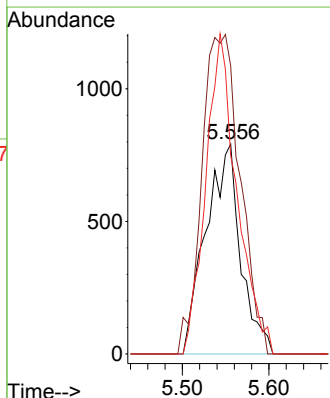
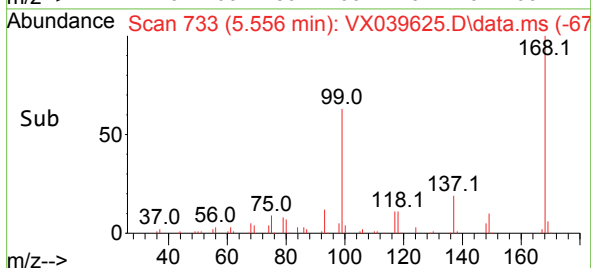


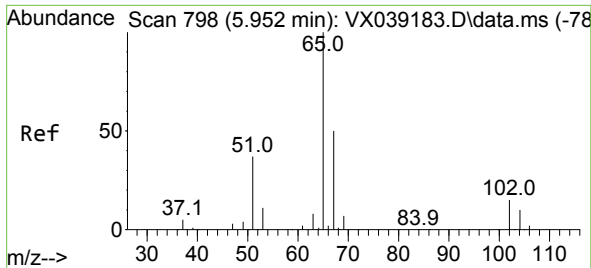
#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58



Tgt Ion: 56 Resp: 2203

Ion	Ratio	Lower	Upper
56	100		
69	137.2	23.4	35.2#
84	94.4	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 46.946 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039625.D

Acq: 04 Jan 2024 13:58

Instrument :

MSVOA_X

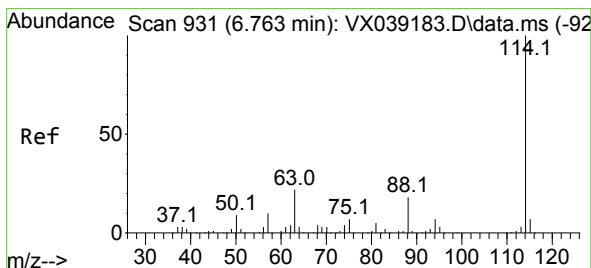
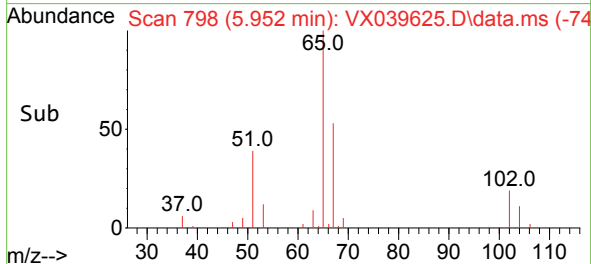
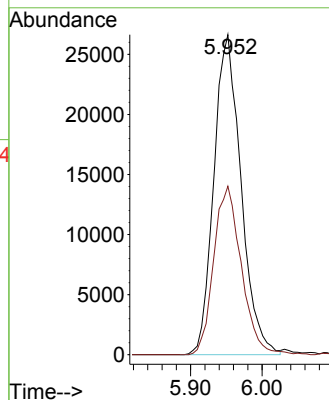
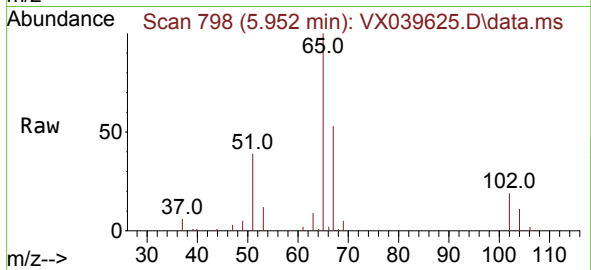
ClientSampleId :

Tgt Ion: 65 Resp: 70240

Ion Ratio Lower Upper

65 100

67 53.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039625.D

Acq: 04 Jan 2024 13:58

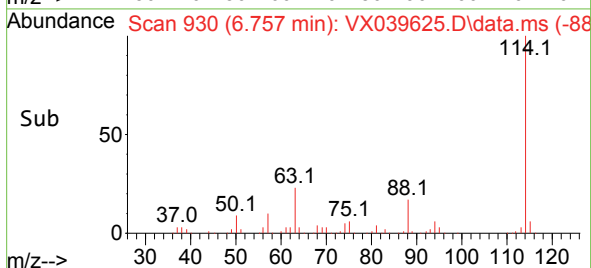
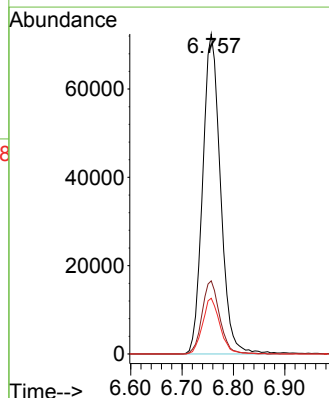
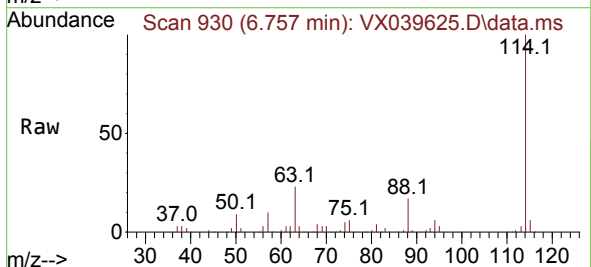
Tgt Ion: 114 Resp: 174420

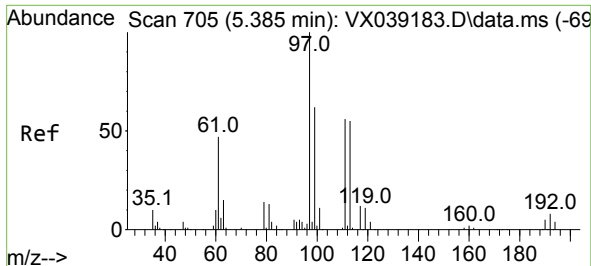
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

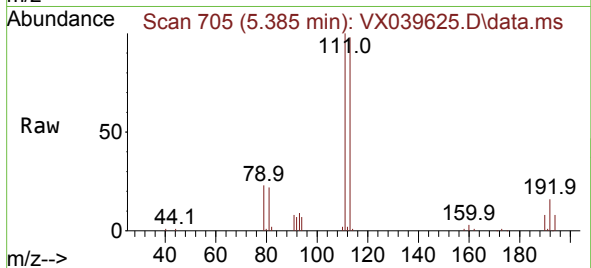
88 17.4 0.0 36.6



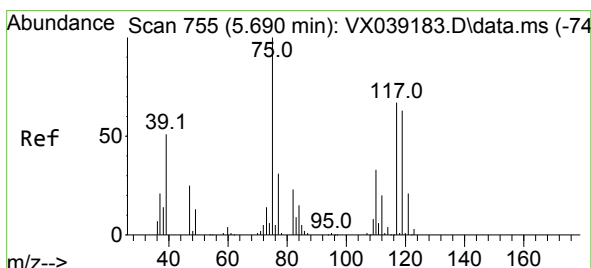
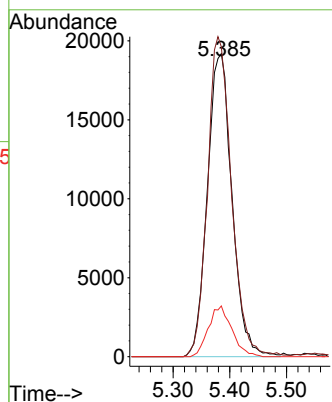
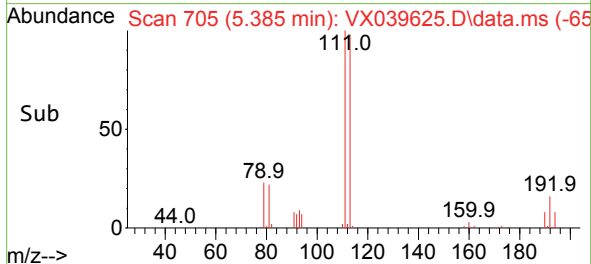


#35
Dibromofluoromethane
Concen: 47.920 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58

Instrument :
MSVOA_X
ClientSampleId :

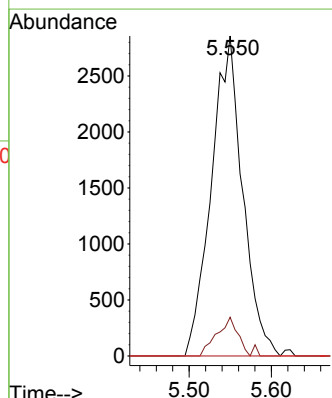
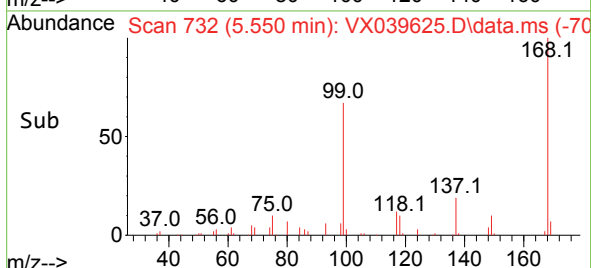
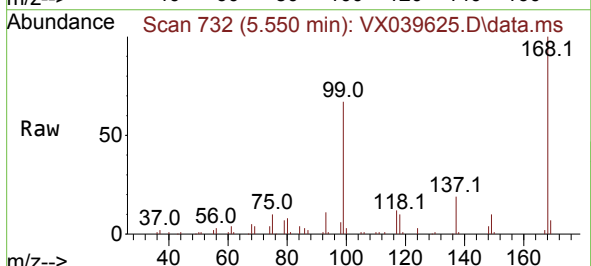


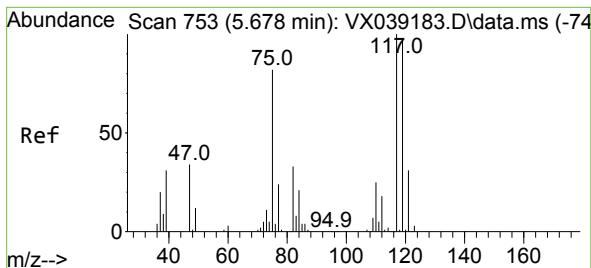
Tgt Ion:113 Resp: 57743
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 3.964 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58

Tgt Ion: 75 Resp: 7538
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.065 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

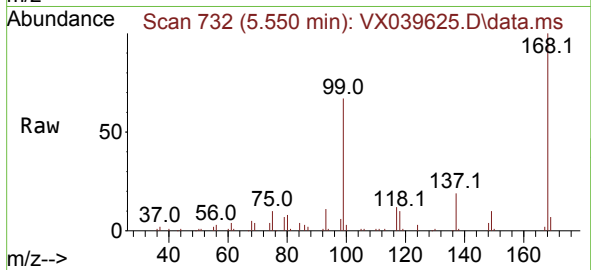
Lab File: VX039625.D

Acq: 04 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :



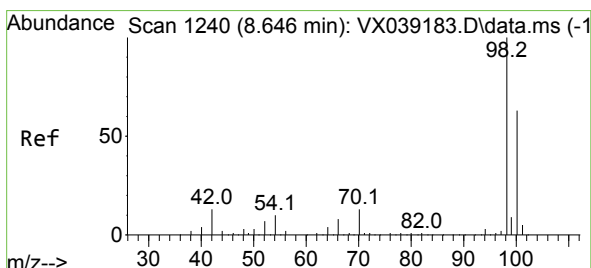
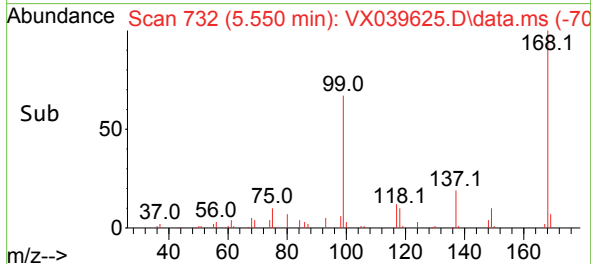
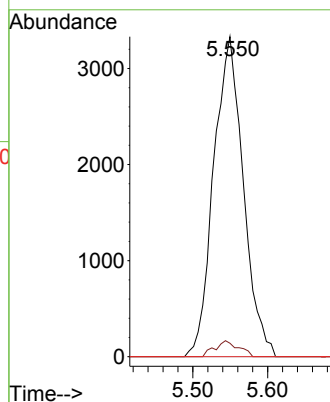
Tgt Ion:117 Resp: 9191

Ion Ratio Lower Upper

117 100

119 4.2 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.436 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039625.D

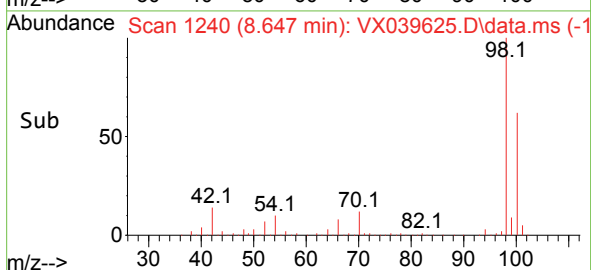
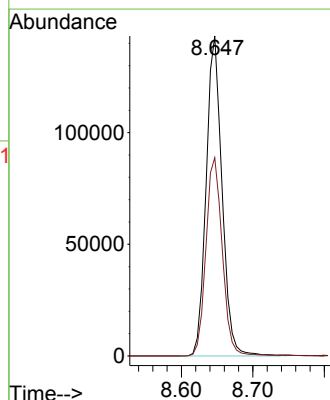
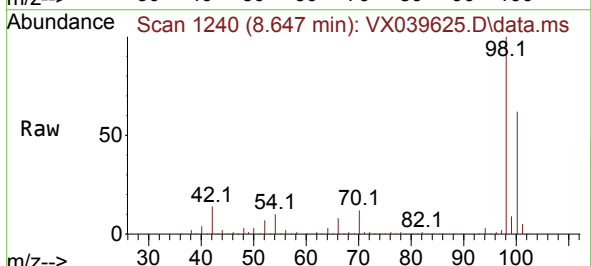
Acq: 04 Jan 2024 13:58

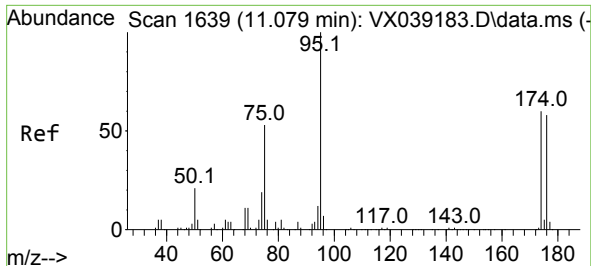
Tgt Ion: 98 Resp: 221152

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7

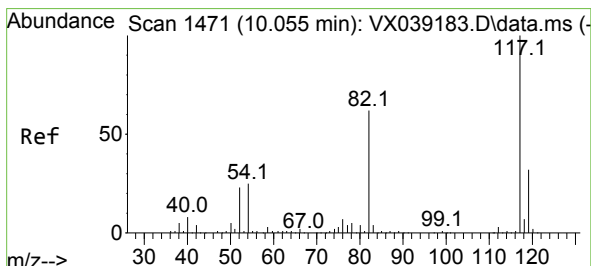
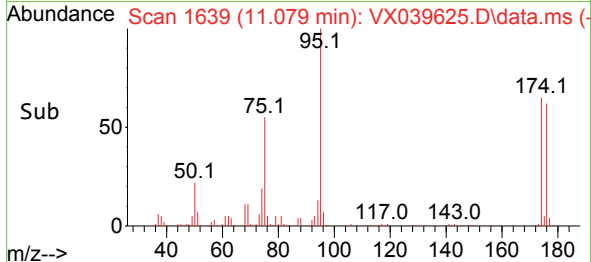
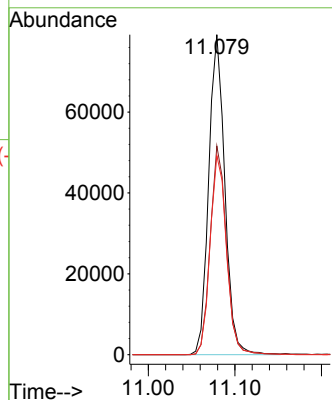
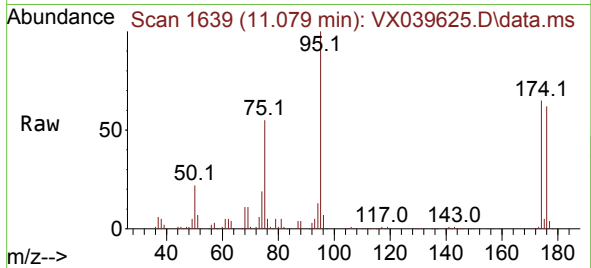




#62
4-Bromofluorobenzene
Concen: 55.413 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58

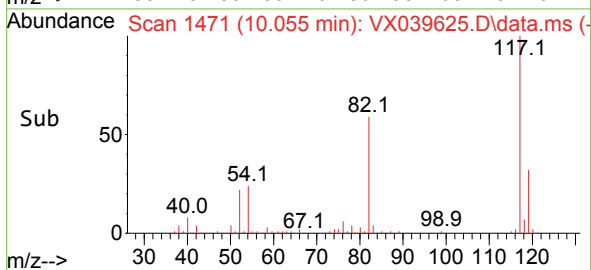
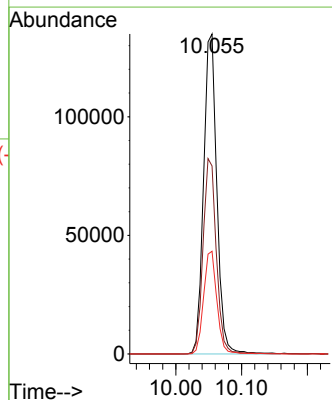
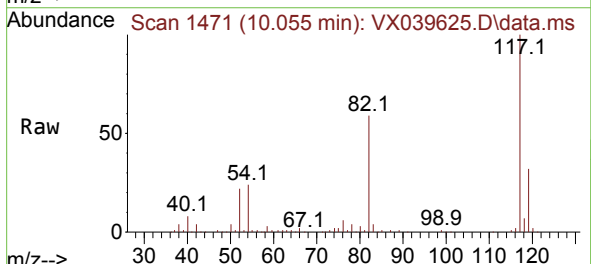
Instrument :
MSVOA_X
ClientSampleId :

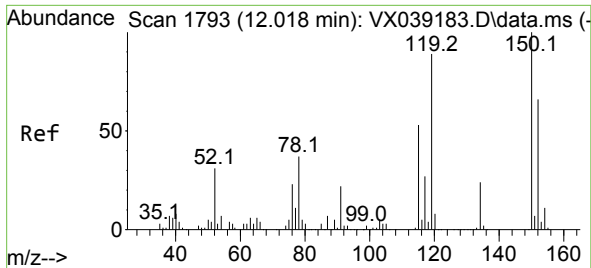
Tgt Ion: 95 Resp: 102278
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.6
176 63.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58

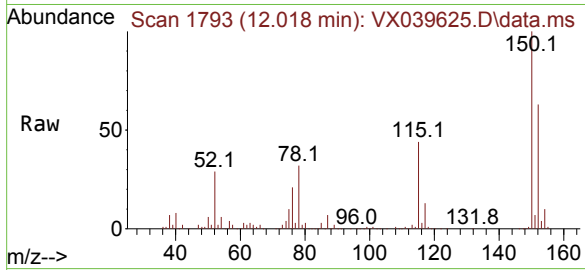
Tgt Ion: 117 Resp: 189353
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 32.1 25.5 38.3



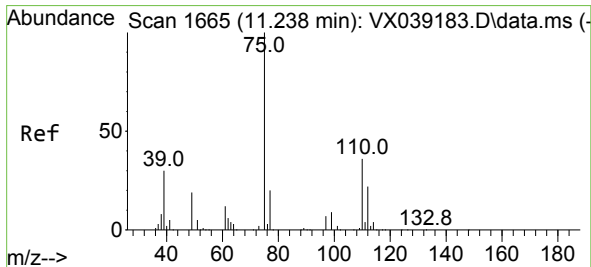
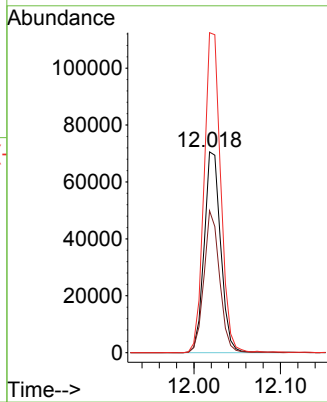
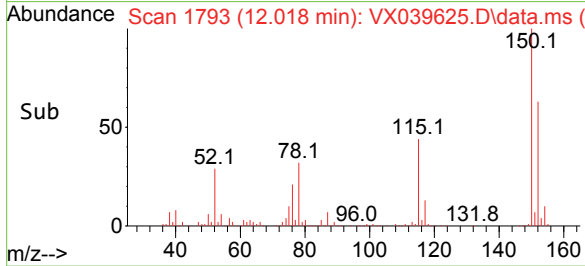


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58

Instrument :
MSVOA_X
ClientSampleId :

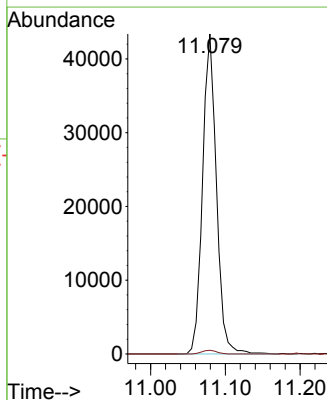
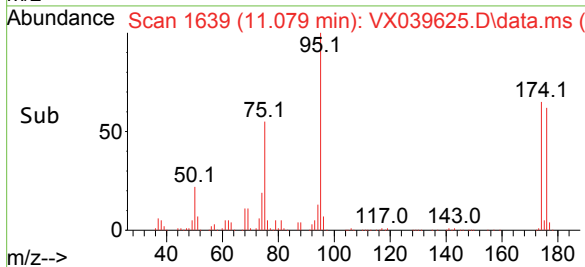
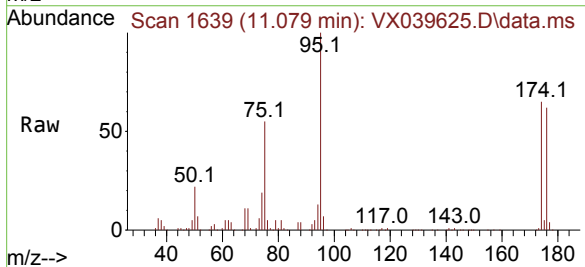


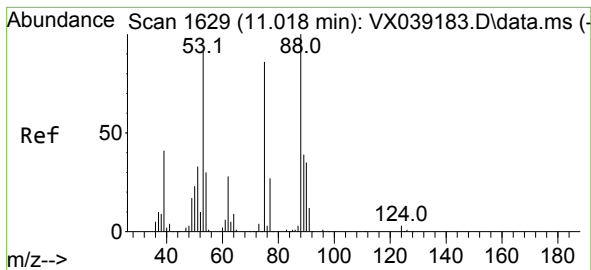
Tgt Ion:152 Resp: 93348
Ion Ratio Lower Upper
152 100
115 67.0 43.3 129.9
150 160.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.119 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039625.D
Acq: 04 Jan 2024 13:58

Tgt Ion: 75 Resp: 55834
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.218 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039625.D
 Acq: 04 Jan 2024 13:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 55834
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

