

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039583.D
 Acq On : 02 Jan 2024 19:33
 Operator : JC/MD
 Sample : P1001-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:17:31 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)

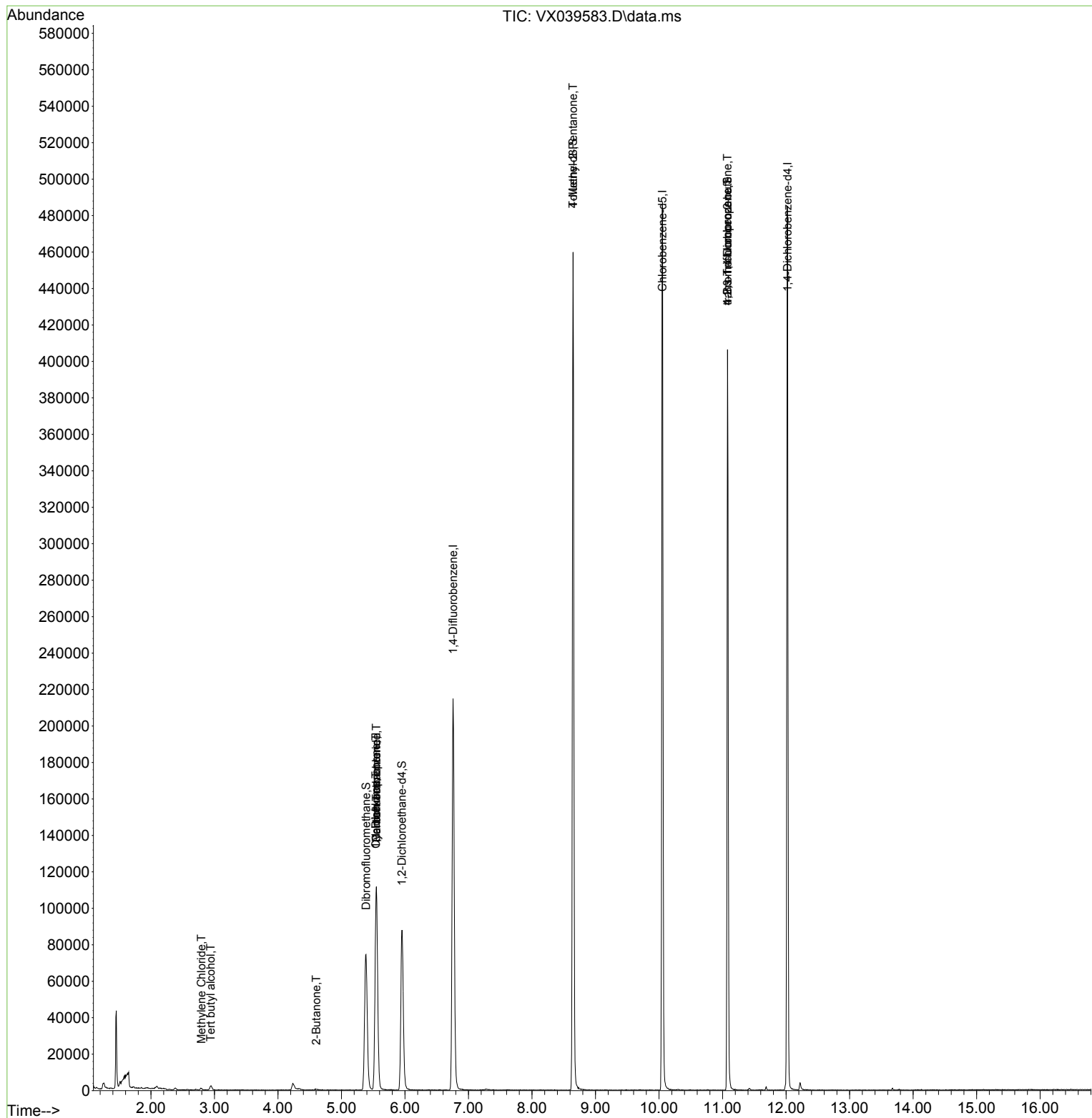
Internal Standards						
1) Pentafluorobenzene	5.550	168	97846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85949	47.950	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.900%
35) Dibromofluoromethane	5.385	113	67004	46.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	8.647	98	264721	49.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.079	95	110527	50.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1838	4.083	ug/l #	78
16) Acetone	2.386	43	1216	Below Cal	#	81
20) Methylene Chloride	2.794	84	539	0.361	ug/l #	74
25) 2-Butanone	4.605	43	559	0.361	ug/l #	51
31) Cyclohexane	5.544	56	2759	1.192	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	9516	4.200	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11414	5.279	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1394	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	61161	25.077	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61161	70.742	ug/l #	5

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

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Sample : P1001-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

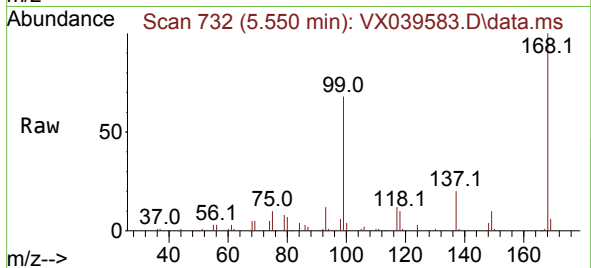
Quant Time: Jan 03 04:17:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



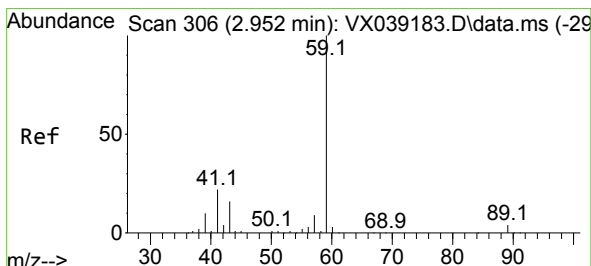
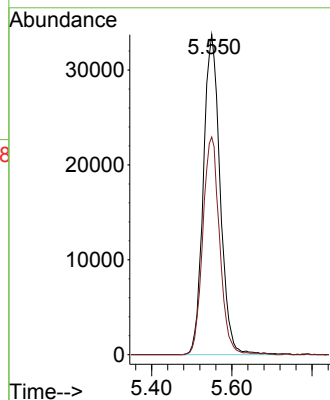
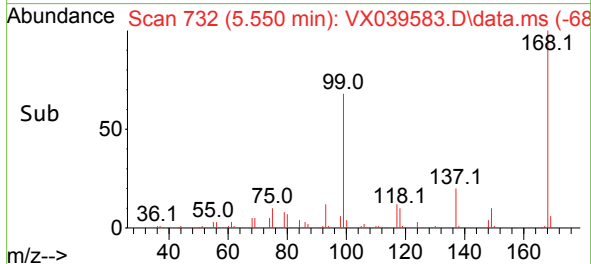


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Instrument :
MSVOA_X
ClientSampleId :

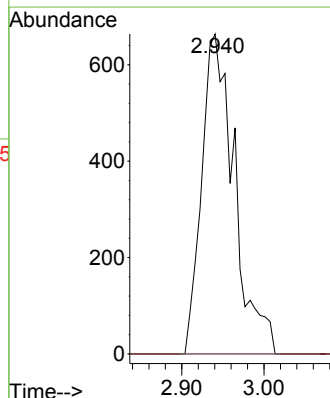
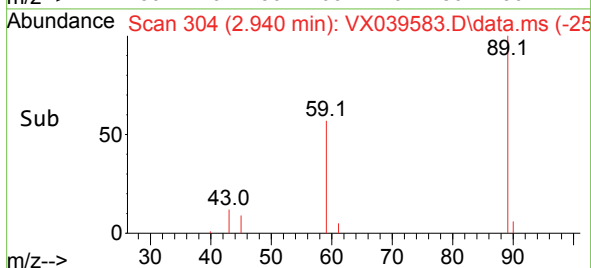
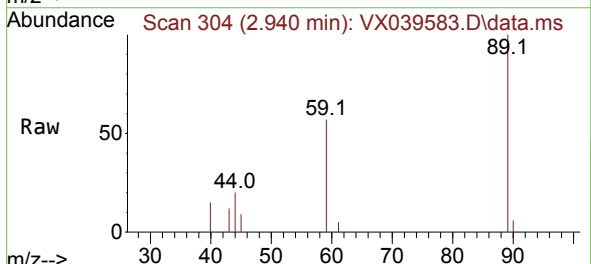


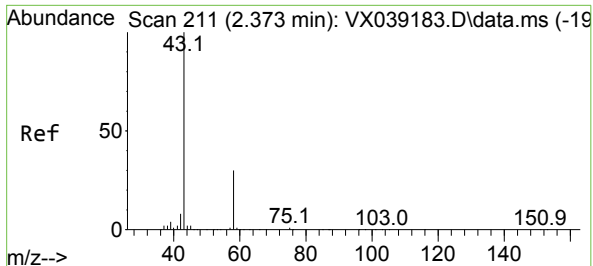
Tgt Ion:168 Resp: 97846
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.083 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Tgt Ion: 59 Resp: 1838
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

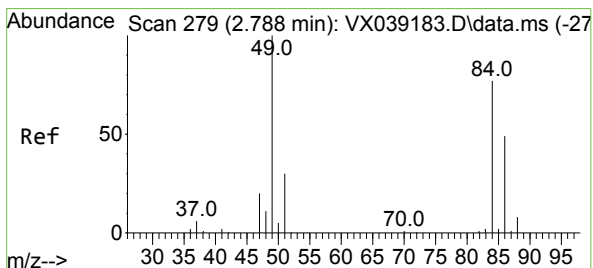
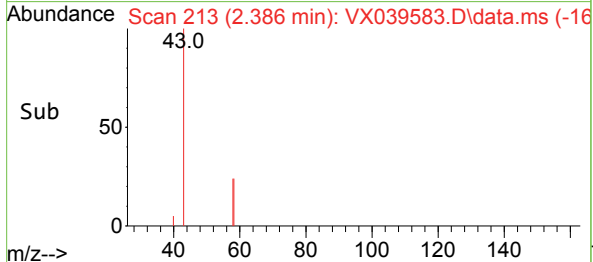
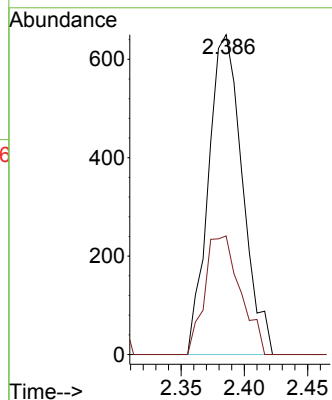
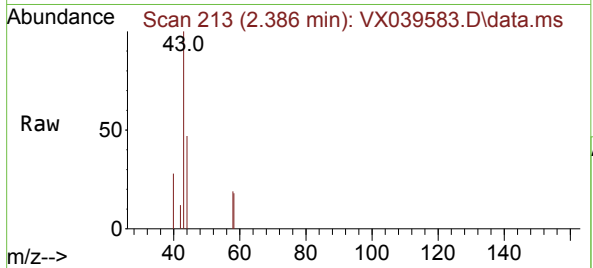




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

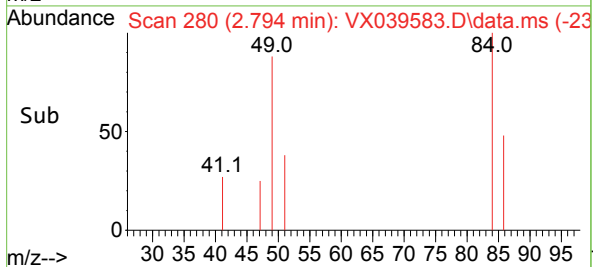
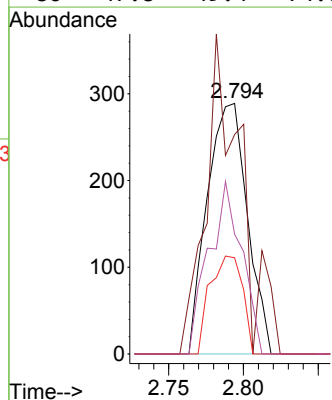
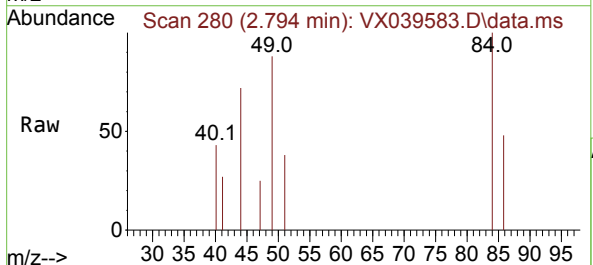
Instrument :
MSVOA_X
ClientSampleId :

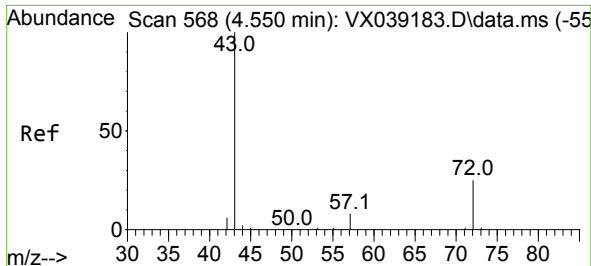
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 37.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.361 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Tgt Ion: 84 Resp: 539
Ion Ratio Lower Upper
84 100
49 87.5 103.6 155.4#
51 38.4 33.8 50.6
86 47.8 49.4 74.0#

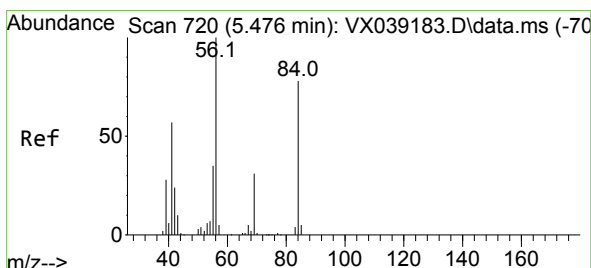
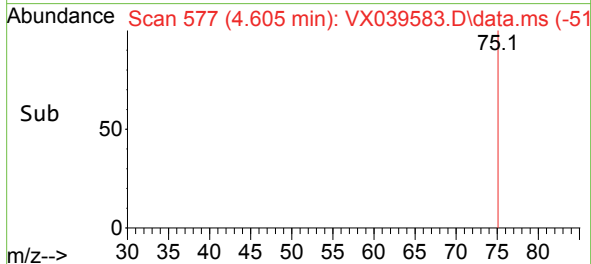
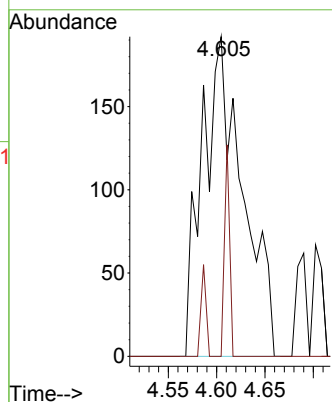
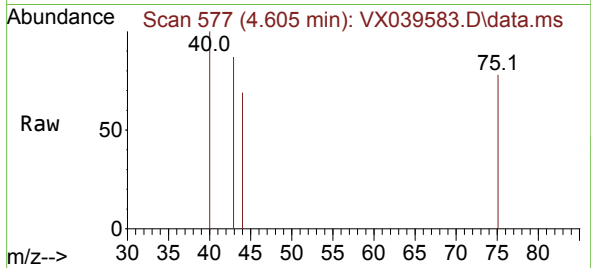




#25
2-Butanone
Concen: 0.361 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

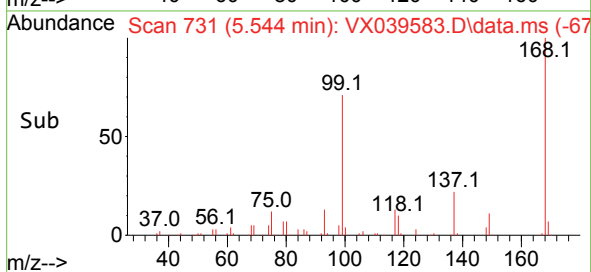
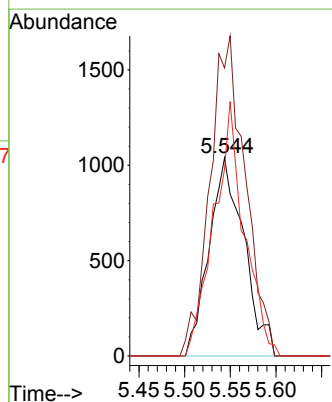
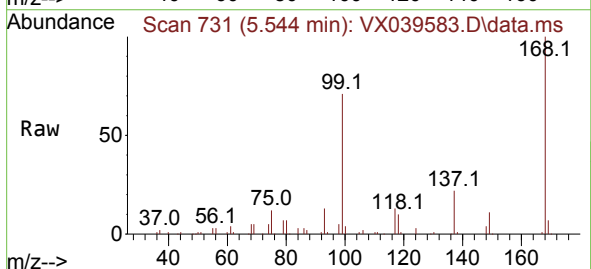
Instrument :
MSVOA_X
ClientSampleId :

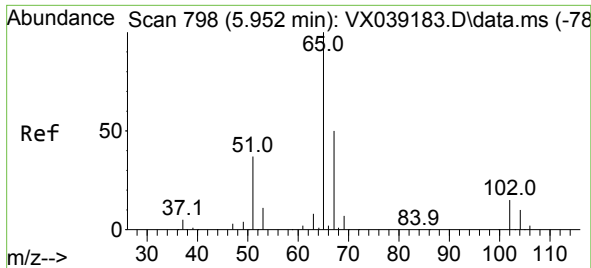
Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Tgt Ion: 56 Resp: 2759
Ion Ratio Lower Upper
56 100
69 145.3 23.4 35.2#
84 94.2 65.9 98.9

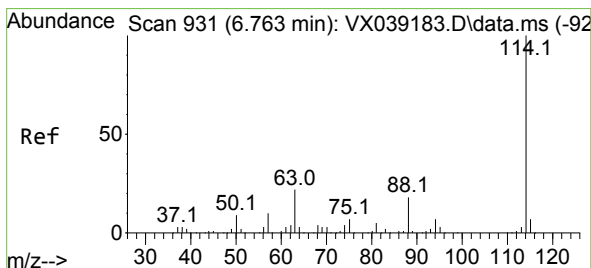
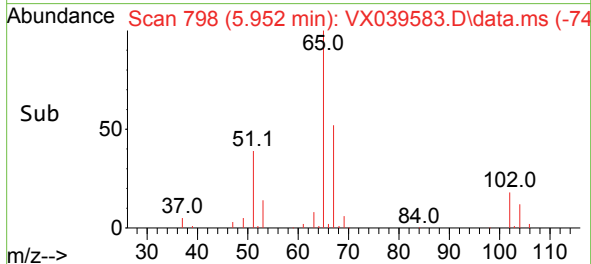
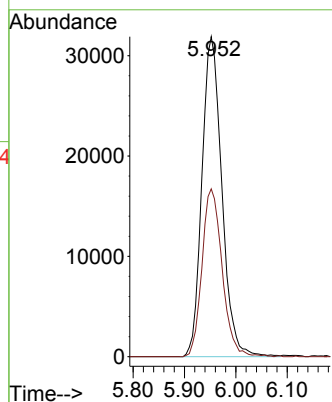
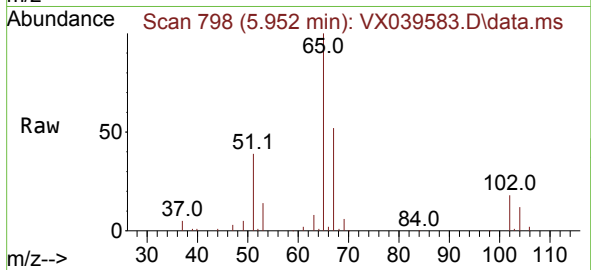




#33
 1,2-Dichloroethane-d4
 Concen: 47.950 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039583.D
 Acq: 02 Jan 2024 19:33

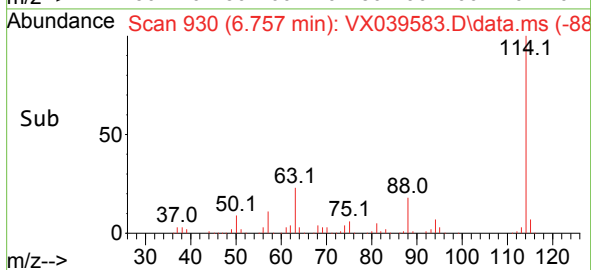
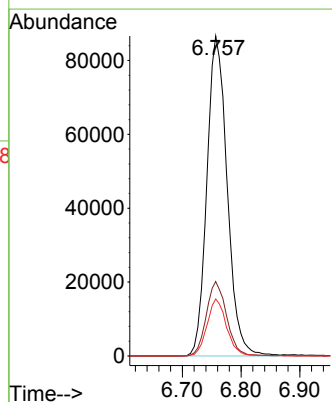
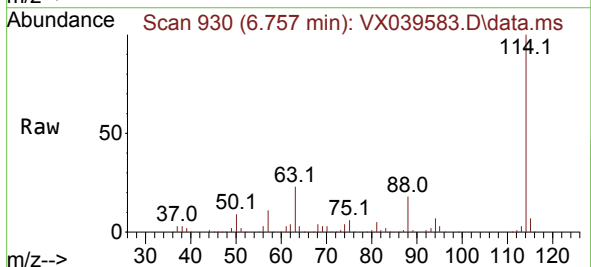
Instrument :
 MSVOA_X
 ClientSampleId :

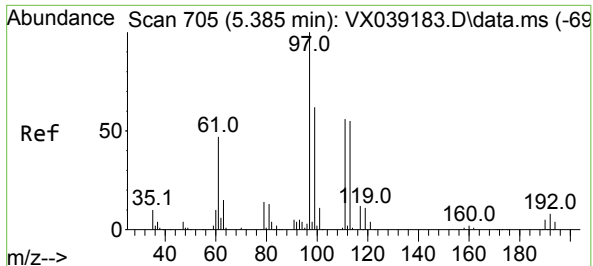
Tgt Ion: 65 Resp: 85949
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039583.D
 Acq: 02 Jan 2024 19:33

Tgt Ion: 114 Resp: 207830
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 17.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.667 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

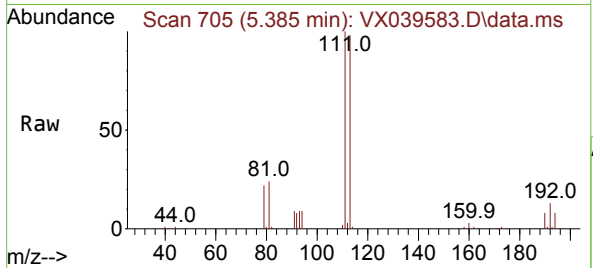
Lab File: VX039583.D

Acq: 02 Jan 2024 19:33

Instrument :

MSVOA_X

ClientSampleId :



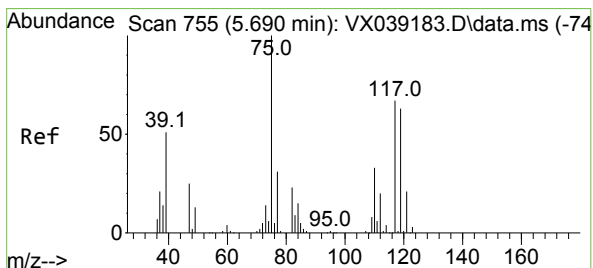
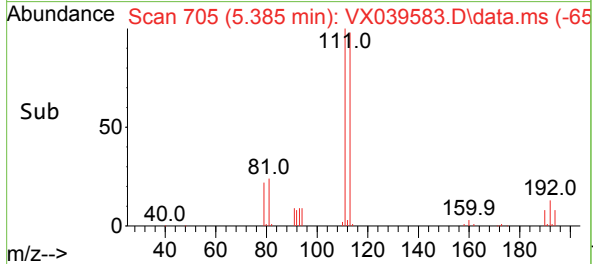
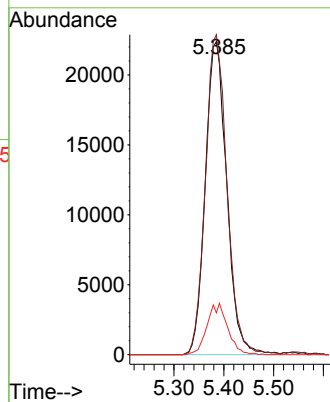
Tgt Ion:113 Resp: 67004

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 15.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.200 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX039583.D

Acq: 02 Jan 2024 19:33

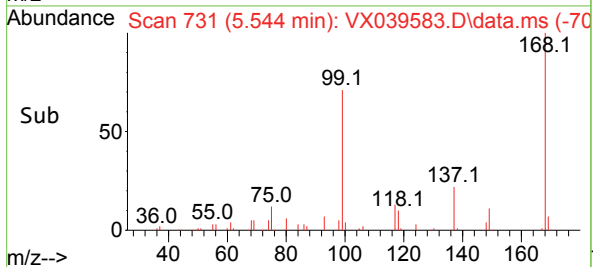
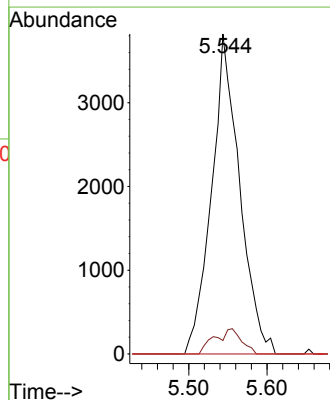
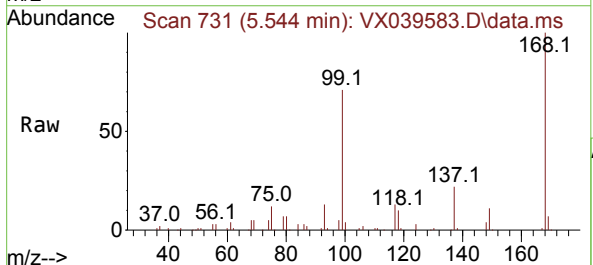
Tgt Ion: 75 Resp: 9516

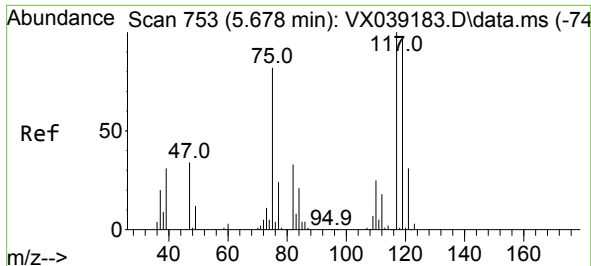
Ion Ratio Lower Upper

75 100

110 7.5 17.0 50.9#

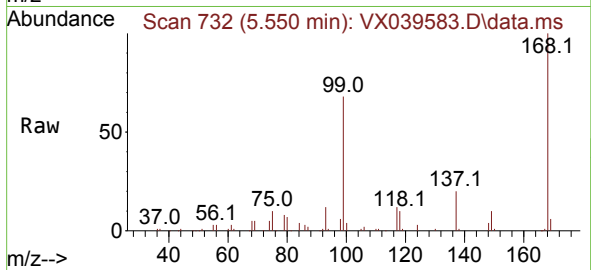
77 0.0 24.7 37.1#



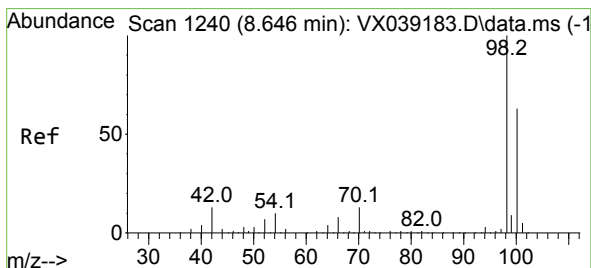
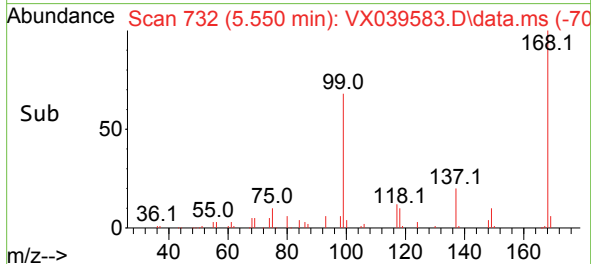
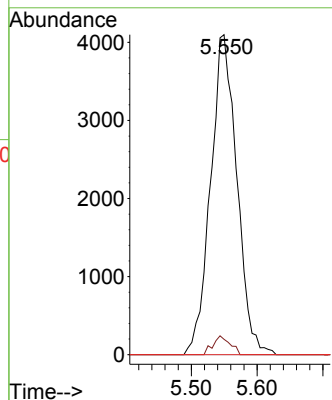


#38
Carbon Tetrachloride
Concen: 5.279 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Instrument :
MSVOA_X
ClientSampleId :

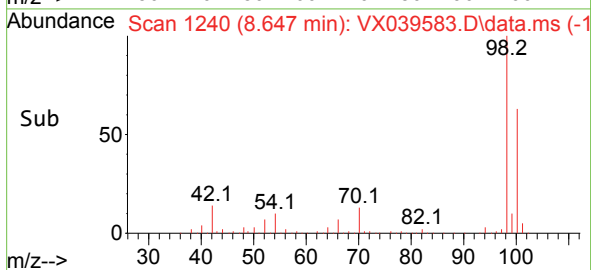
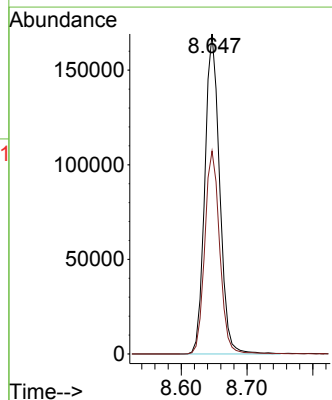
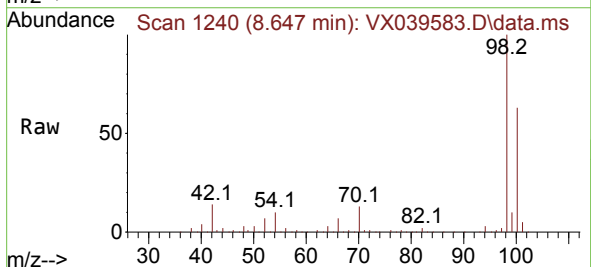


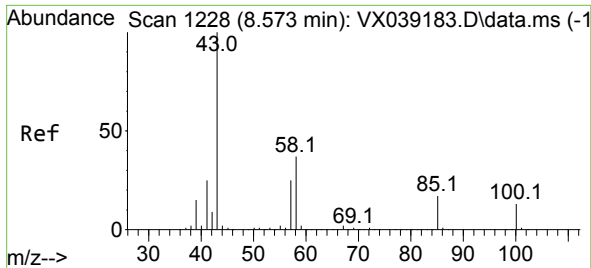
Tgt Ion:117 Resp: 11414
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.662 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Tgt Ion: 98 Resp: 264721
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

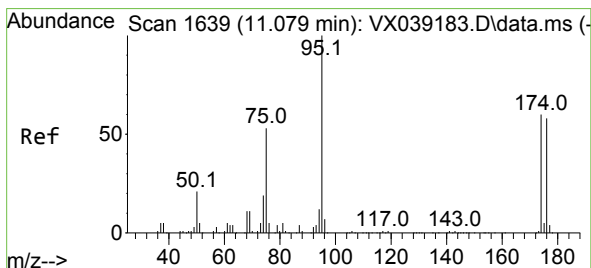
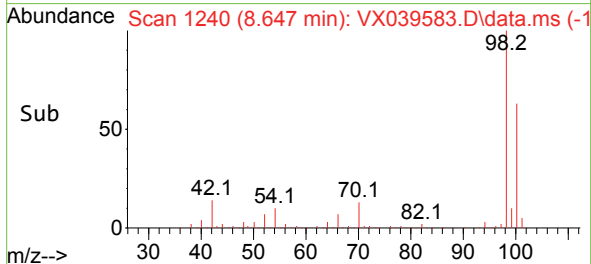
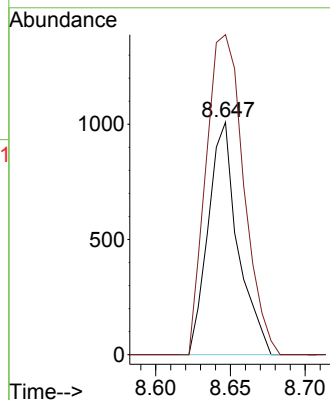
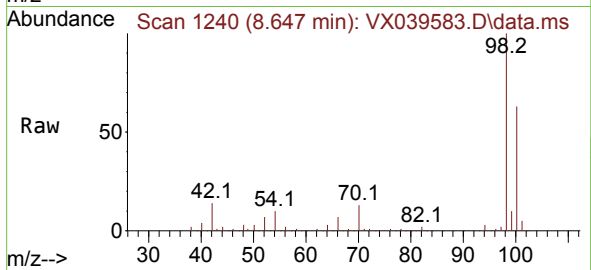




#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

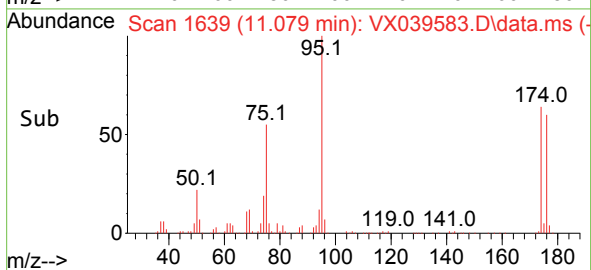
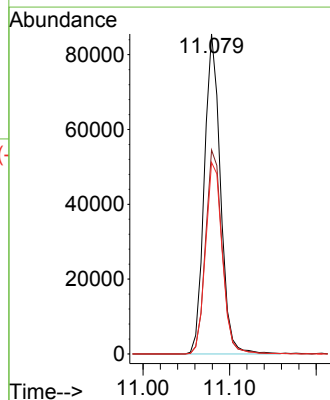
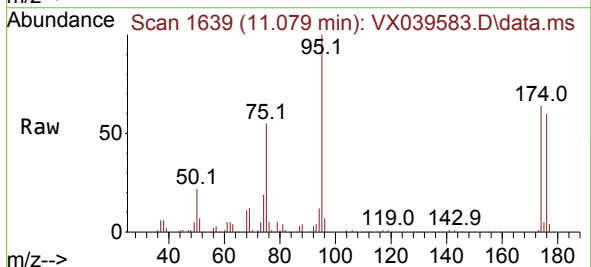
Instrument :
MSVOA_X
ClientSampleId :

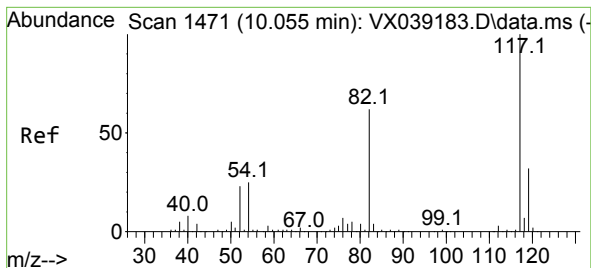
Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
58 174.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

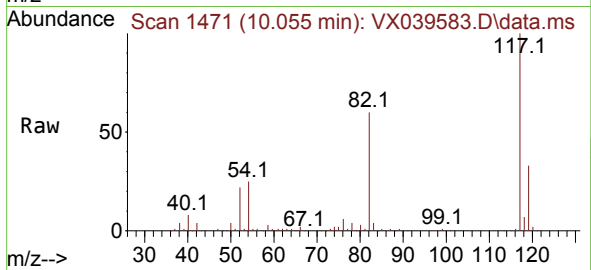
Tgt Ion: 95 Resp: 110527
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.6
176 62.6 0.0 131.0



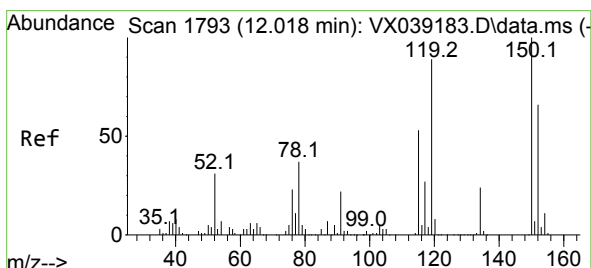
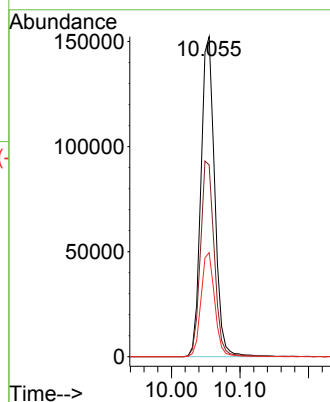
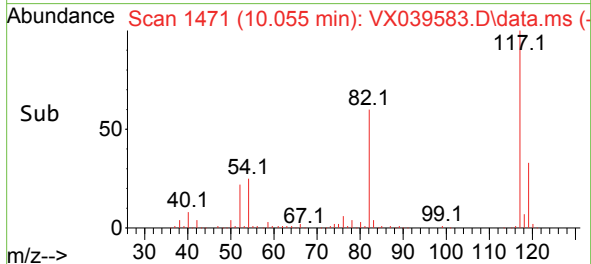


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Instrument :
MSVOA_X
ClientSampleId :

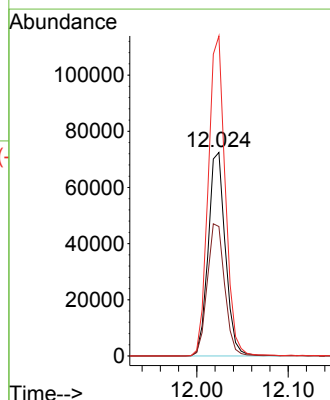
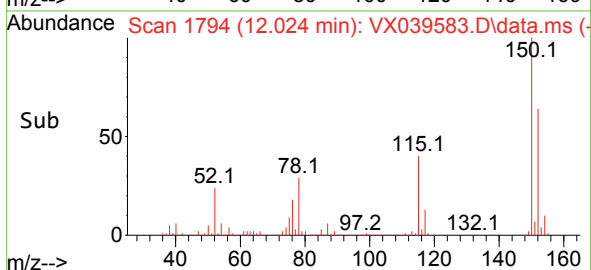
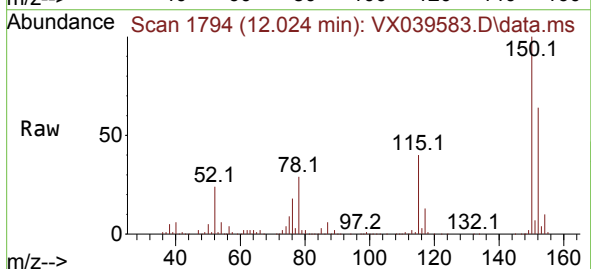


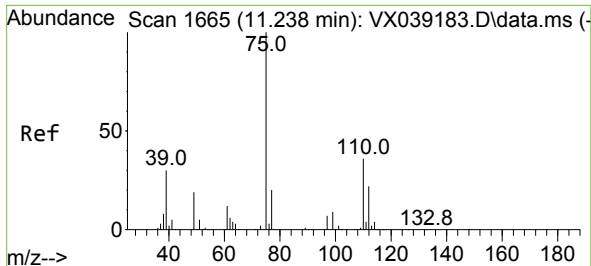
Tgt Ion:117 Resp: 213198
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Tgt Ion:152 Resp: 94270
Ion Ratio Lower Upper
152 100
115 66.0 43.3 129.9
150 156.0 0.0 345.0

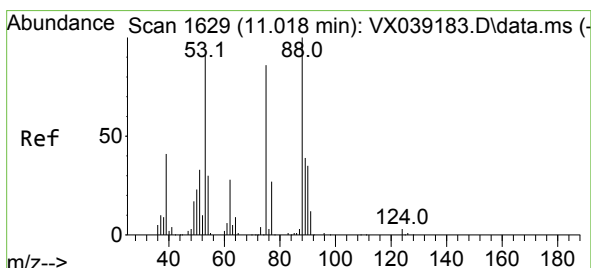
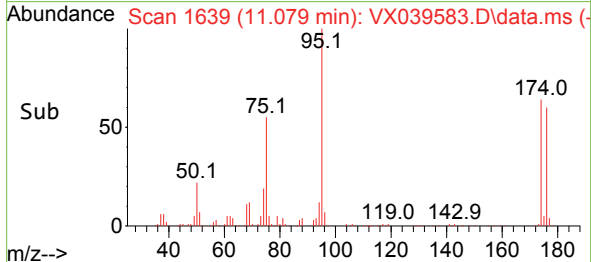
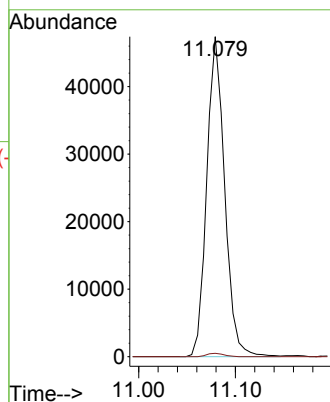
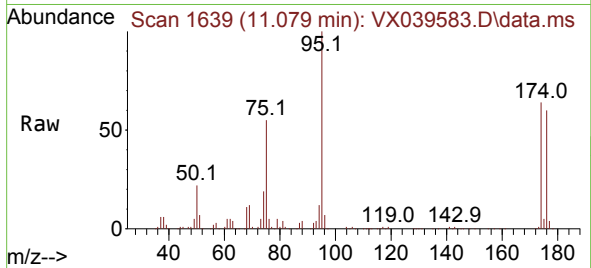




#76
1,2,3-Trichloropropane
Concen: 25.077 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61161
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Tgt Ion: 75 Resp: 61161
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

