

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039574.D
 Acq On : 02 Jan 2024 16:09
 Operator : JC/MD
 Sample : P1002-09 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:14:42 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)

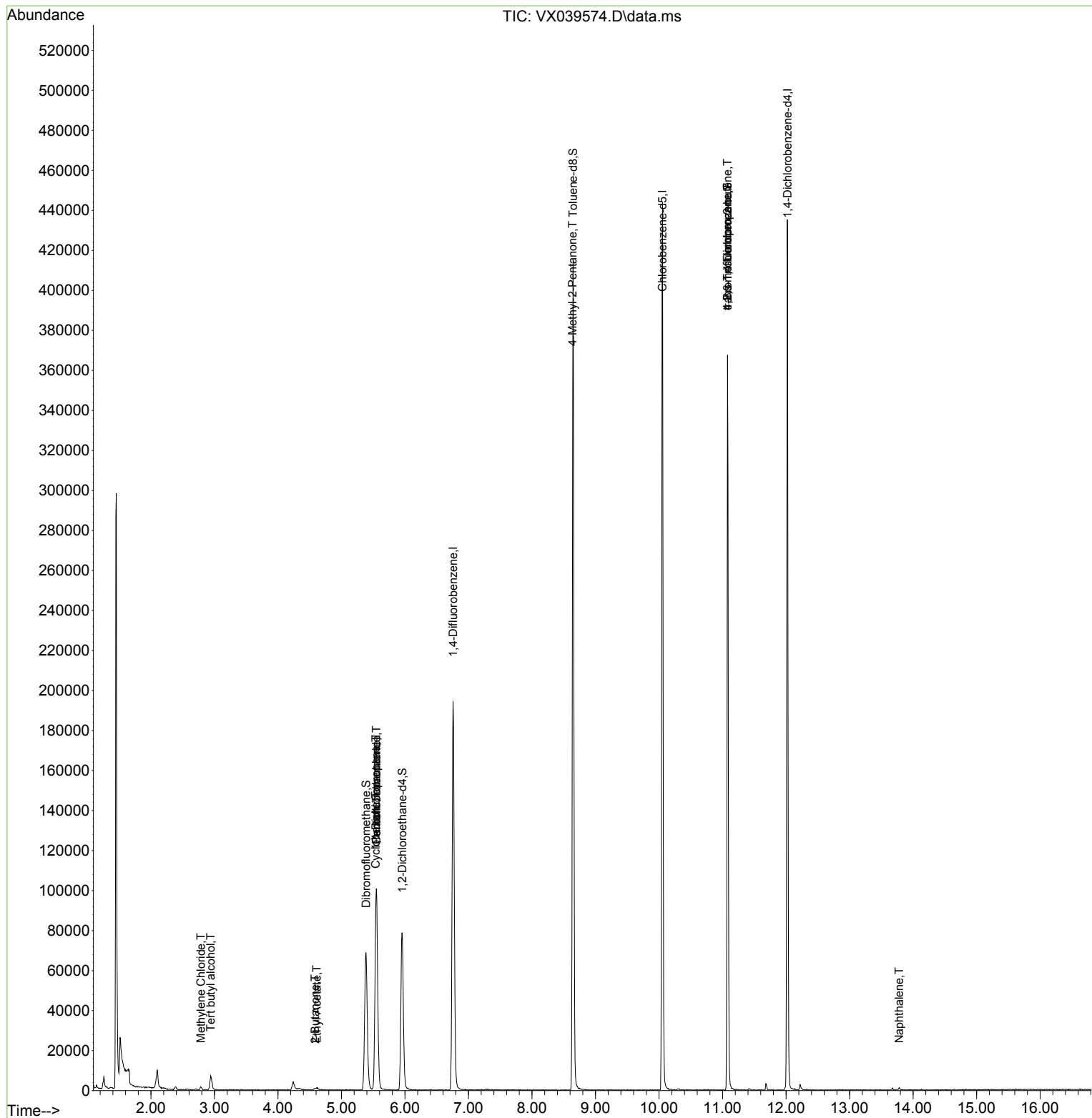
Internal Standards						
1) Pentafluorobenzene	5.550	168	89517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77802	47.444	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.880%		
35) Dibromofluoromethane	5.385	113	60393	45.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.000%		
50) Toluene-d8	8.647	98	239353	48.575	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.160%		
62) 4-Bromofluorobenzene	11.079	95	101284	49.818	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.640%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	4651	11.294	ug/l #	78
16) Acetone	2.380	43	1628	Below Cal		95
20) Methylene Chloride	2.788	84	709	0.519	ug/l #	83
25) 2-Butanone	4.587	43	475	0.336	ug/l #	89
31) Cyclohexane	5.538	56	2598	1.227	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	8472	4.045	ug/l #	50
37) Ethyl Acetate	4.611	43	985	0.381	ug/l #	73
38) Carbon Tetrachloride	5.550	117	10275	5.141	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1224	0.457	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54813	25.337	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54813	71.474	ug/l #	5
95) Naphthalene	13.780	128	1275	0.208	ug/l #	95

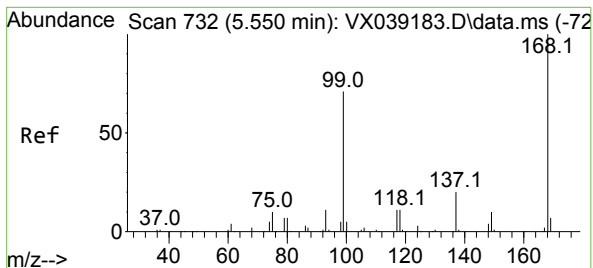
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
Data File : VX039574.D
Acq On : 02 Jan 2024 16:09
Operator : JC/MD
Sample : P1002-09 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 03 04:14:42 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: VX039574.D

Acq: 02 Jan 2024 16:09

Instrument :

MSVOA_X

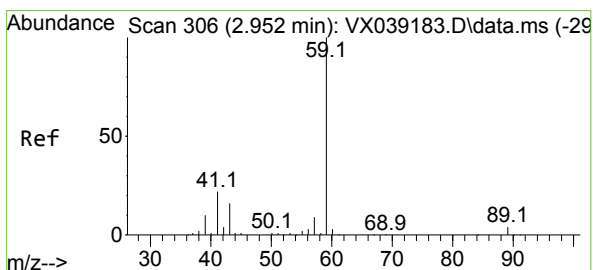
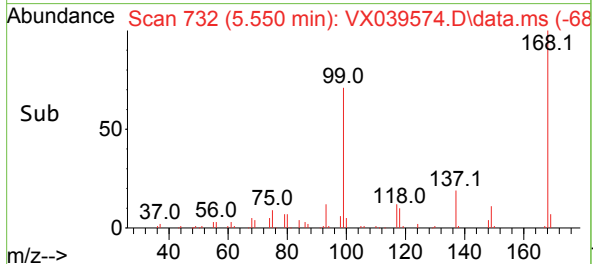
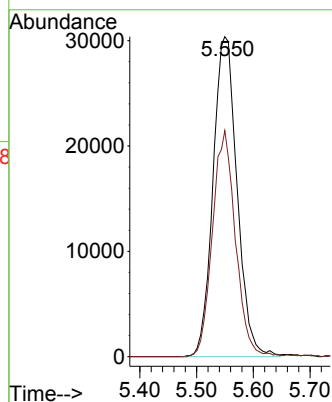
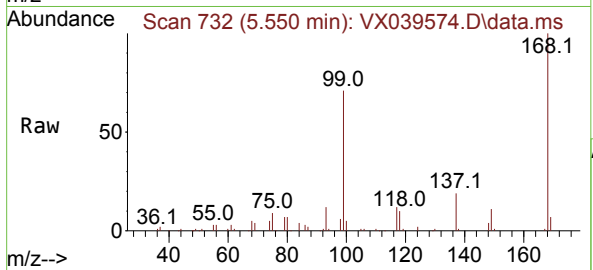
ClientSampleId :

Tgt Ion:168 Resp: 89517

Ion Ratio Lower Upper

168 100

99 70.7 56.6 85.0



#11

Tert butyl alcohol

Concen: 11.294 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.012 min

Lab File: VX039574.D

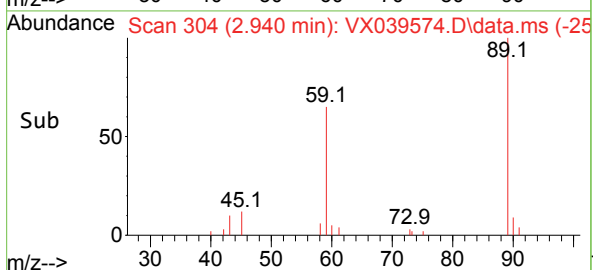
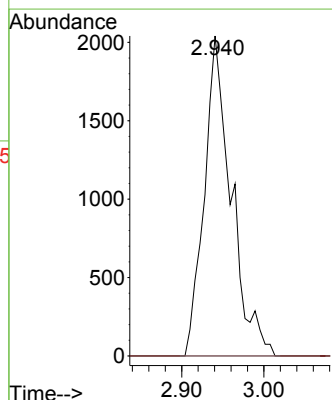
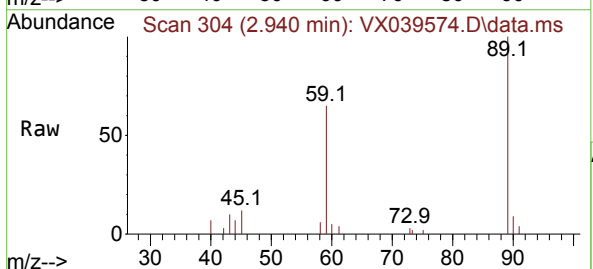
Acq: 02 Jan 2024 16:09

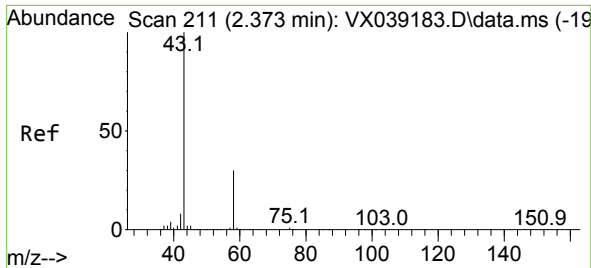
Tgt Ion: 59 Resp: 4651

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

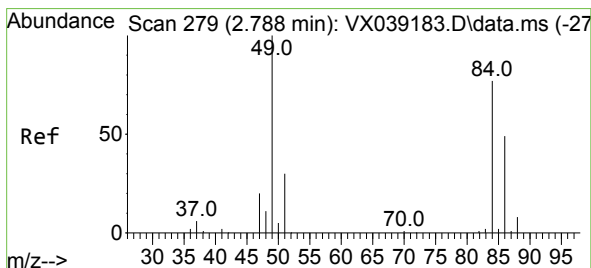
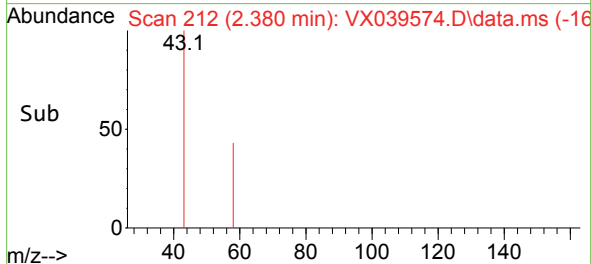
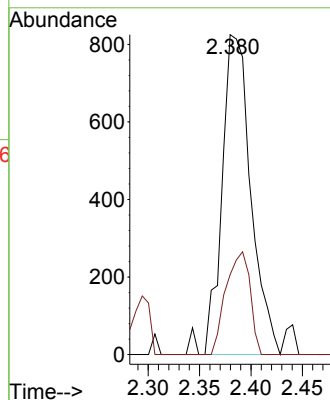
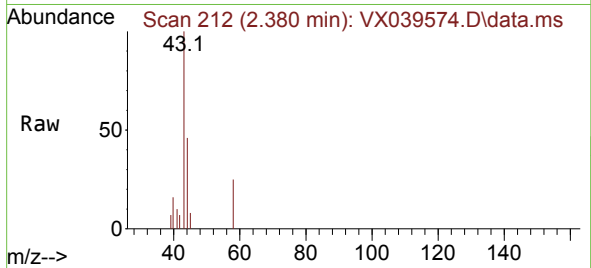




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

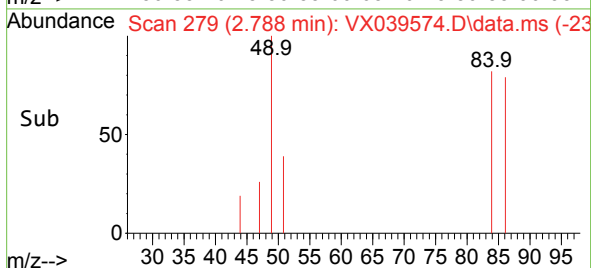
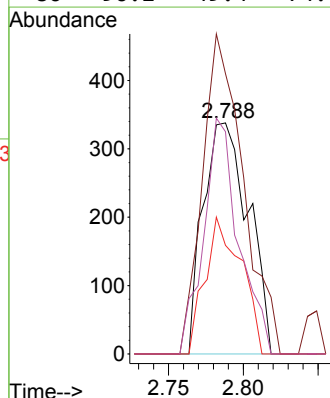
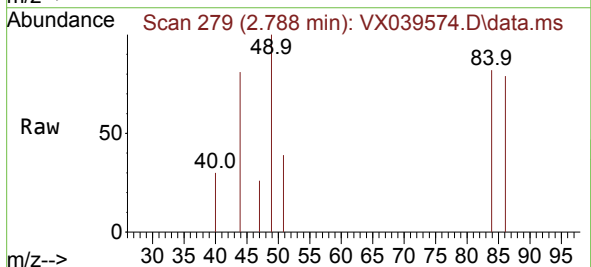
Instrument :
MSVOA_X
ClientSampleId :

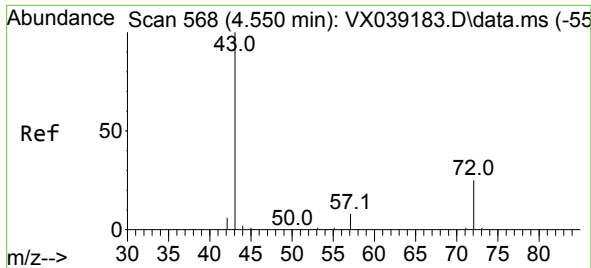
Tgt Ion: 43 Resp: 1628
Ion Ratio Lower Upper
43 100
58 25.0 21.9 32.9



#20
Methylene Chloride
Concen: 0.519 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

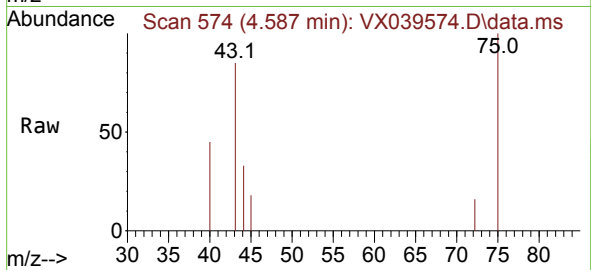
Tgt Ion: 84 Resp: 709
Ion Ratio Lower Upper
84 100
49 121.3 103.6 155.4
51 47.0 33.8 50.6
86 96.2 49.4 74.0#



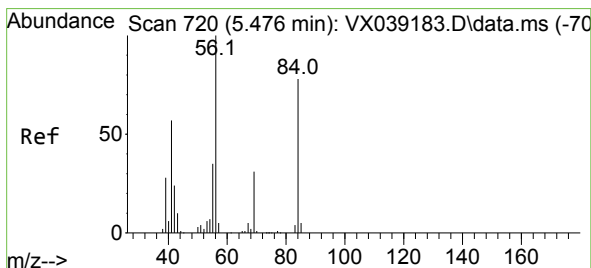
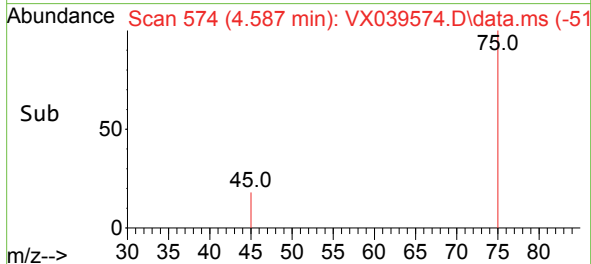
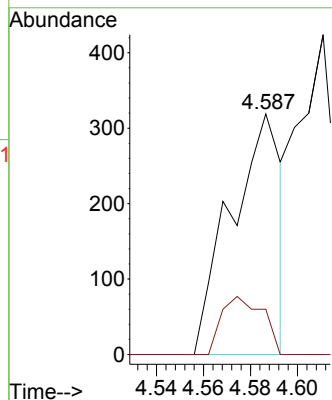


#25
2-Butanone
Concen: 0.336 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

Instrument :
MSVOA_X
ClientSampleId :

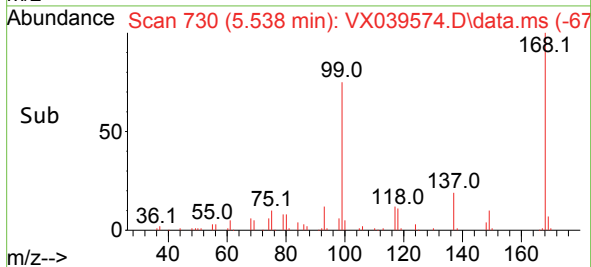
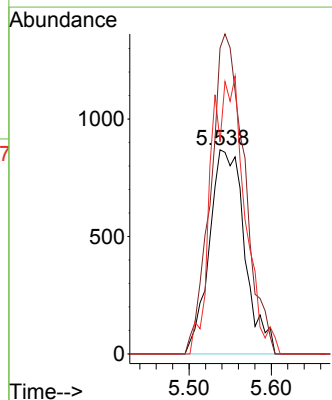
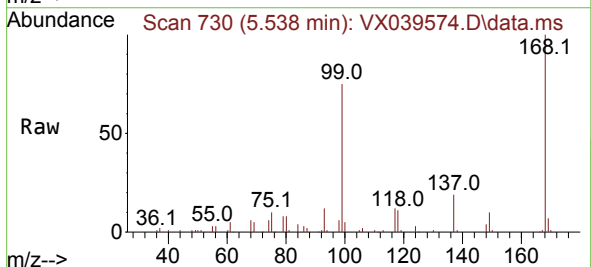


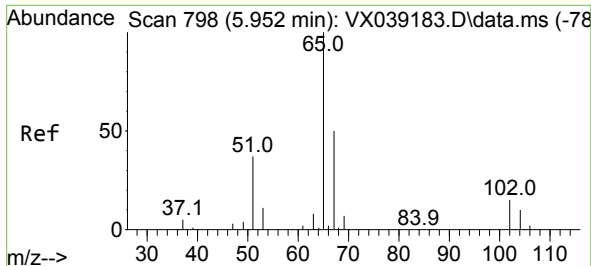
Tgt Ion: 43 Resp: 475
Ion Ratio Lower Upper
43 100
72 18.8 19.4 29.2#



#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.061 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

Tgt Ion: 56 Resp: 2598
Ion Ratio Lower Upper
56 100
69 149.8 23.4 35.2#
84 103.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.444 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039574.D

Acq: 02 Jan 2024 16:09

Instrument :

MSVOA_X

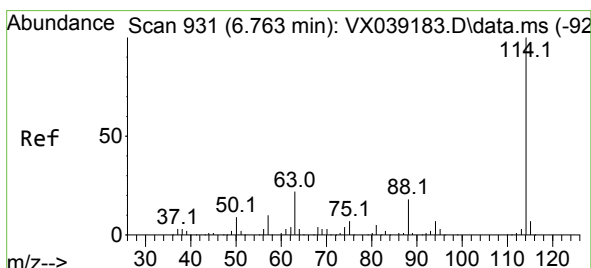
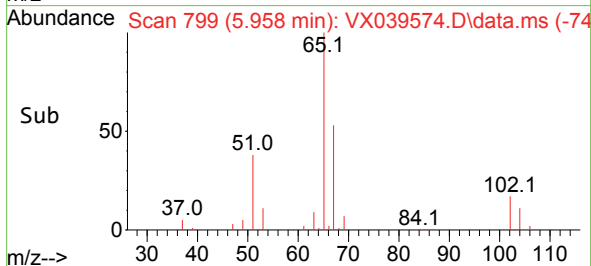
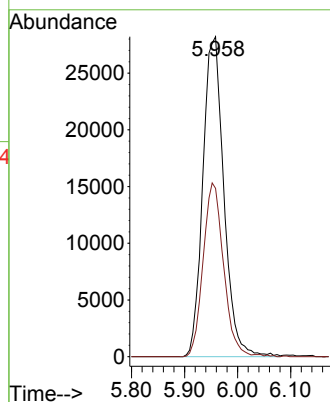
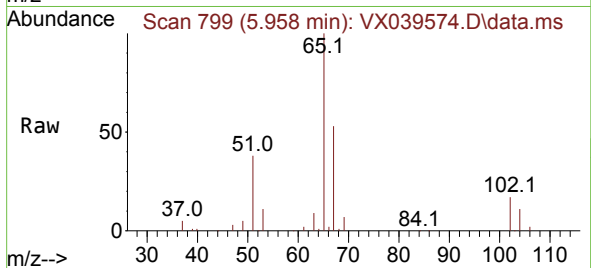
ClientSampleId :

Tgt Ion: 65 Resp: 77802

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: VX039574.D

Acq: 02 Jan 2024 16:09

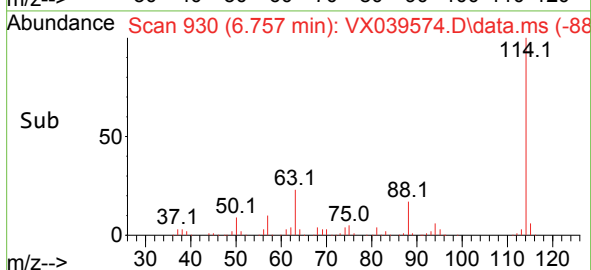
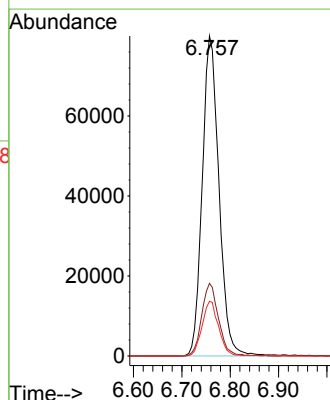
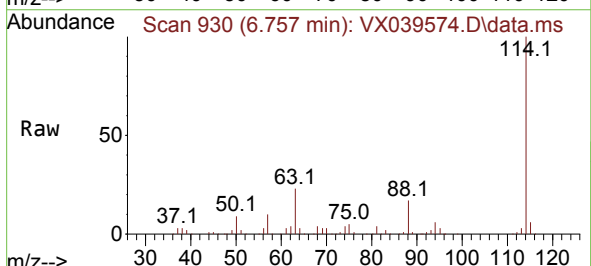
Tgt Ion: 114 Resp: 192120

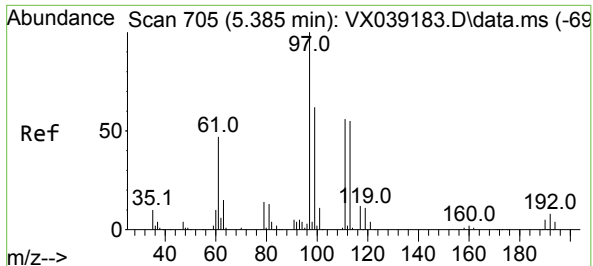
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

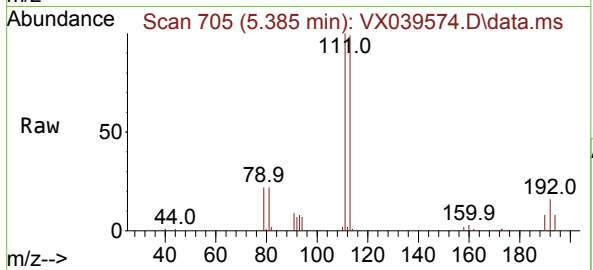
88 17.1 0.0 36.6



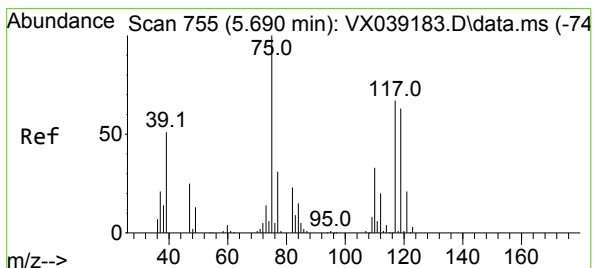
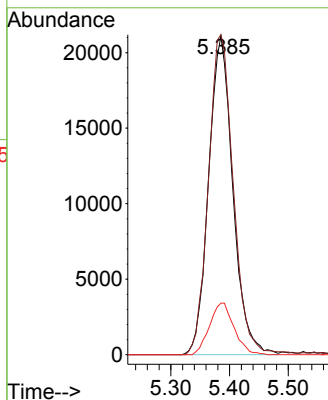
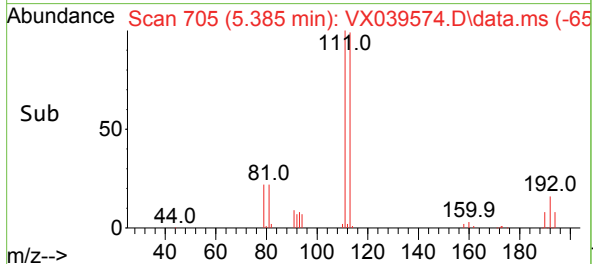


#35
Dibromofluoromethane
Concen: 45.502 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

Instrument :
MSVOA_X
ClientSampleId :

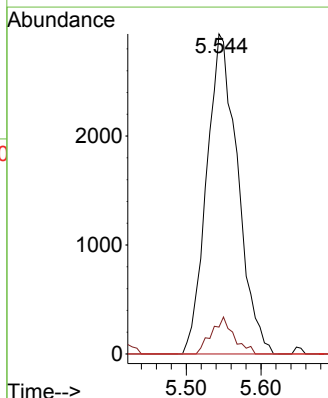
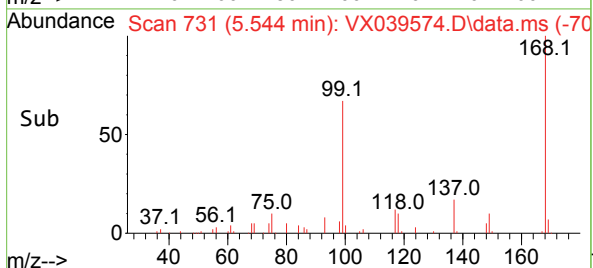
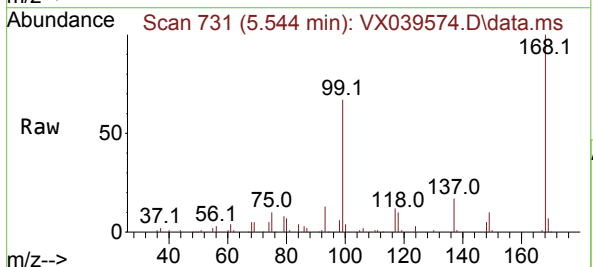


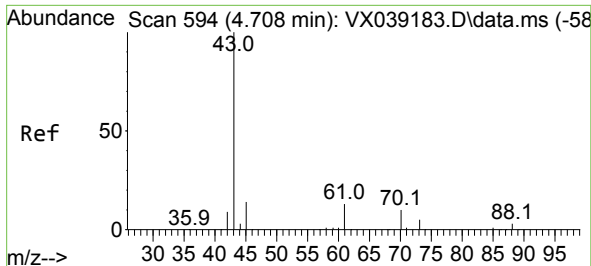
Tgt Ion:113 Resp: 60393
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.045 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

Tgt Ion: 75 Resp: 8472
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.381 ug/l

RT: 4.611 min Scan# 51

Delta R.T. -0.097 min

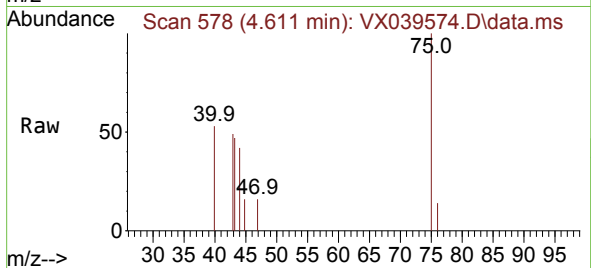
Lab File: VX039574.D

Acq: 02 Jan 2024 16:09

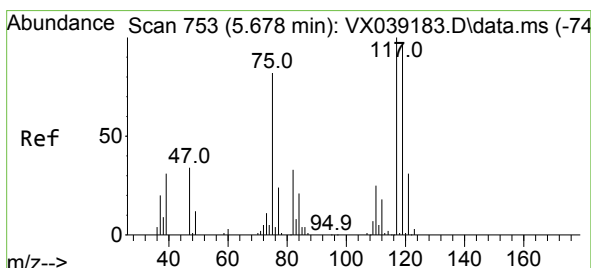
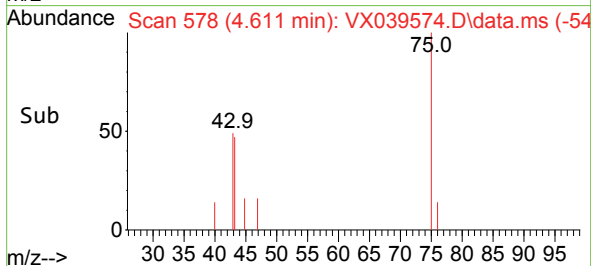
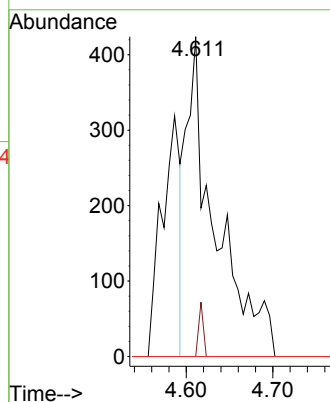
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	985
Ion	Ratio	Lower	Upper
43	100		
61	2.6	10.6	16.0#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 5.141 ug/l

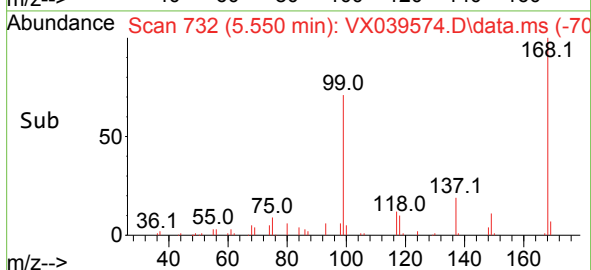
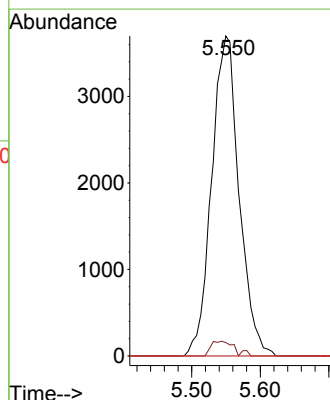
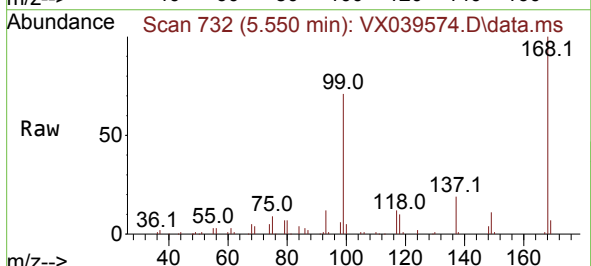
RT: 5.550 min Scan# 732

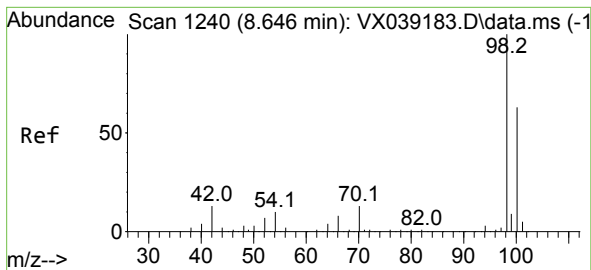
Delta R.T. -0.128 min

Lab File: VX039574.D

Acq: 02 Jan 2024 16:09

Tgt Ion:	117	Resp:	10275
Ion	Ratio	Lower	Upper
117	100		
119	4.2	78.2	117.2#
121	0.0	24.4	36.6#

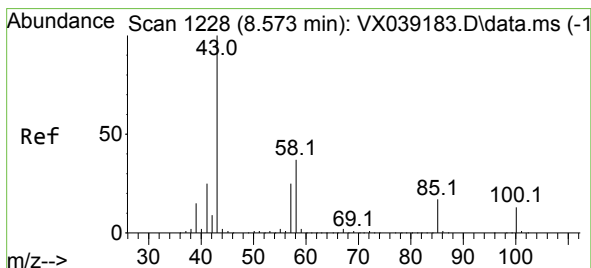
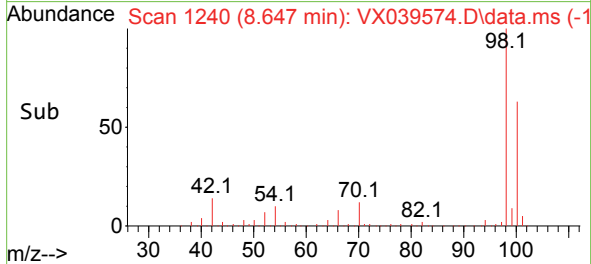
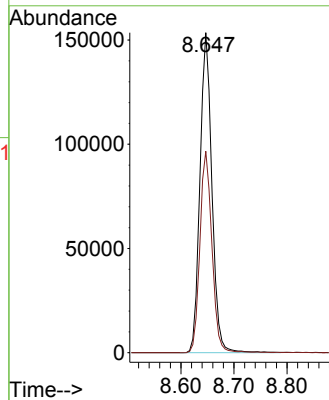
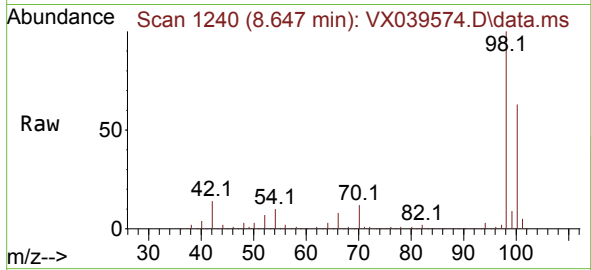




#50
Toluene-d8
Concen: 48.575 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

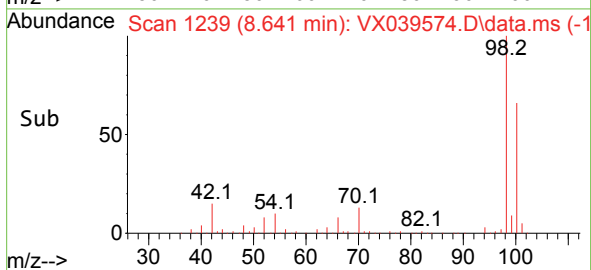
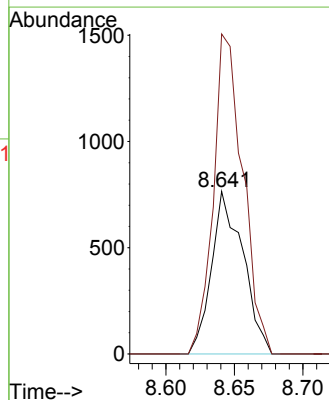
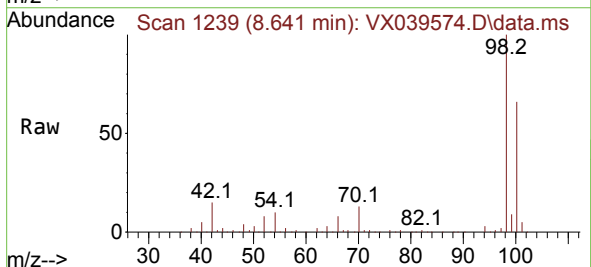
Instrument :
MSVOA_X
ClientSampleId :

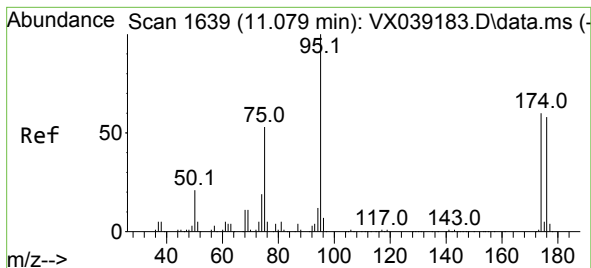
Tgt Ion: 98 Resp: 239353
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.457 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

Tgt Ion: 43 Resp: 1224
Ion Ratio Lower Upper
43 100
58 184.2 30.4 45.6#

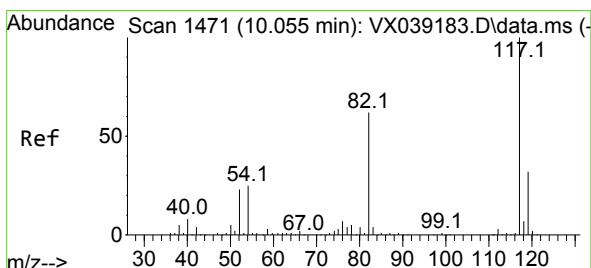
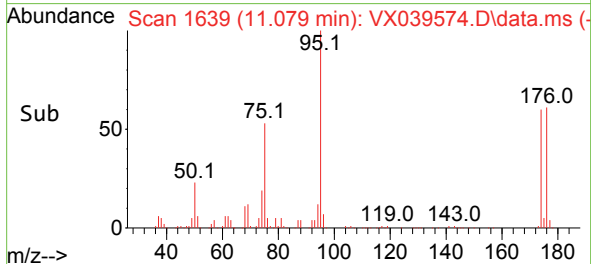
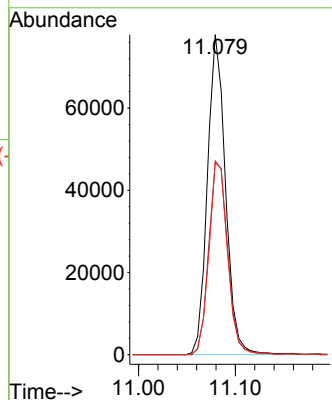
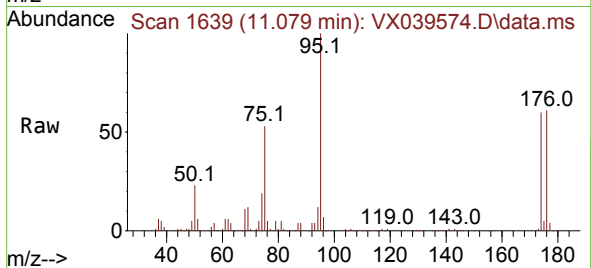




#62
4-Bromofluorobenzene
Concen: 49.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

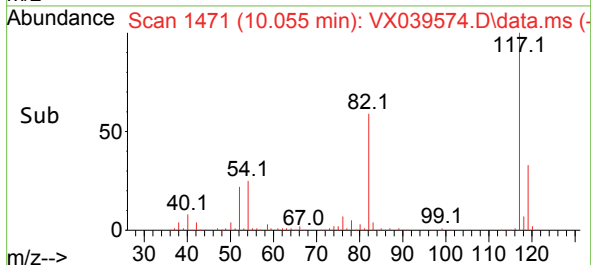
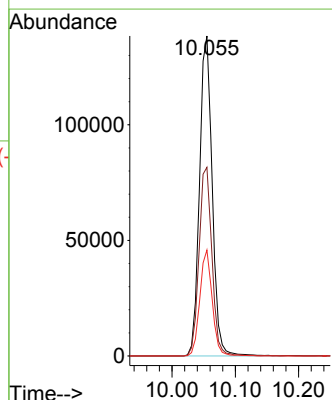
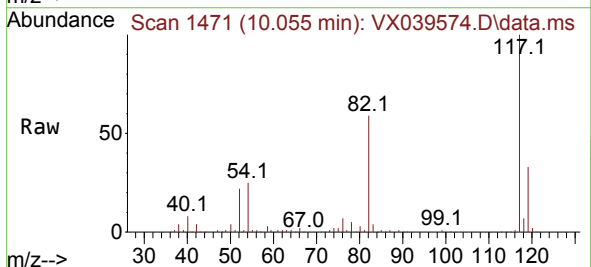
Instrument :
MSVOA_X
ClientSampleId :

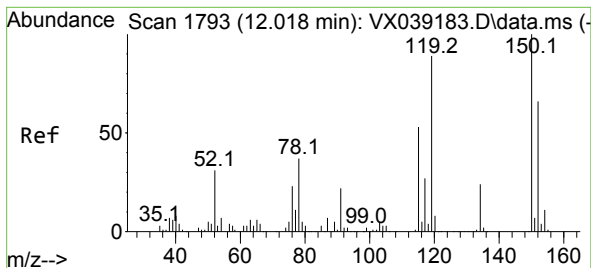
Tgt Ion: 95 Resp: 101284
Ion Ratio Lower Upper
95 100
174 63.7 0.0 135.6
176 61.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

Tgt Ion: 117 Resp: 193475
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 33.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039574.D

Acq: 02 Jan 2024 16:09

Instrument :

MSVOA_X

ClientSampleId :

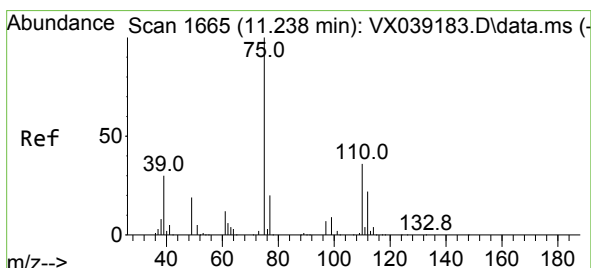
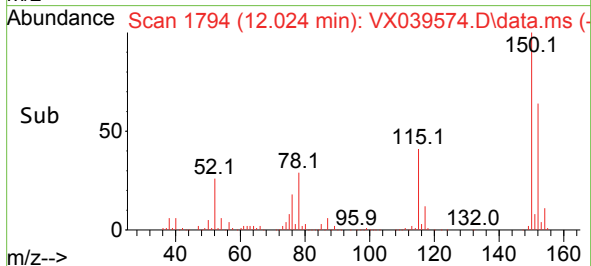
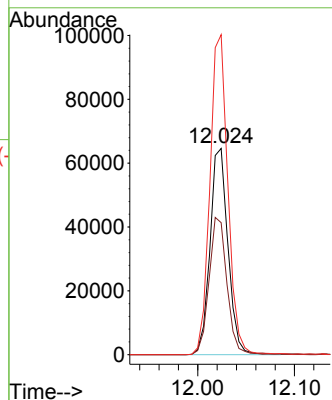
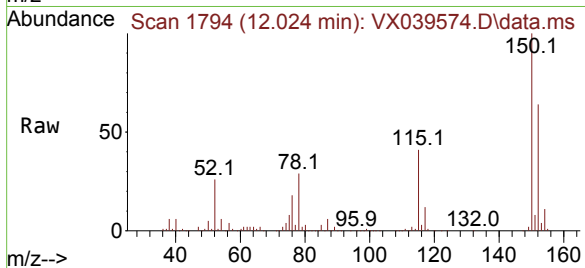
Tgt Ion:152 Resp: 83620

Ion Ratio Lower Upper

152 100

115 66.4 43.3 129.9

150 155.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.337 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039574.D

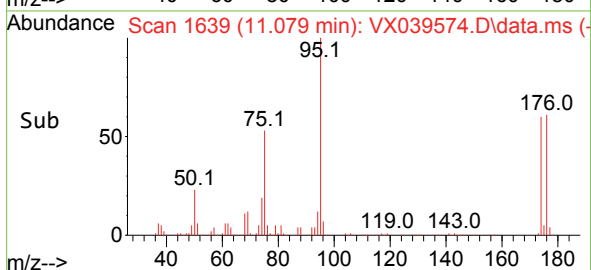
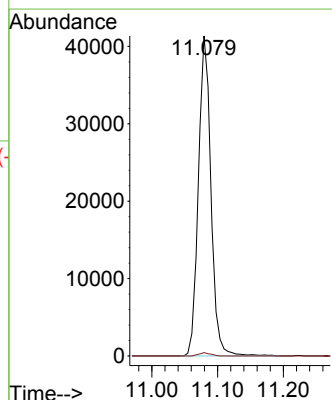
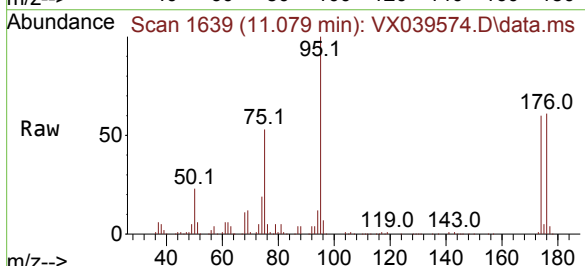
Acq: 02 Jan 2024 16:09

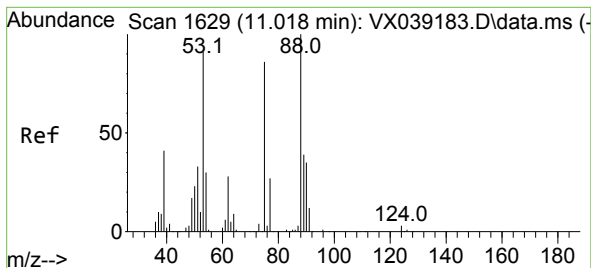
Tgt Ion: 75 Resp: 54813

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

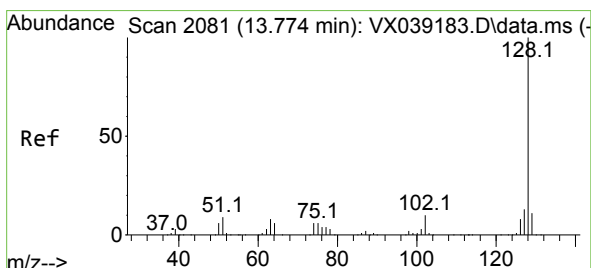
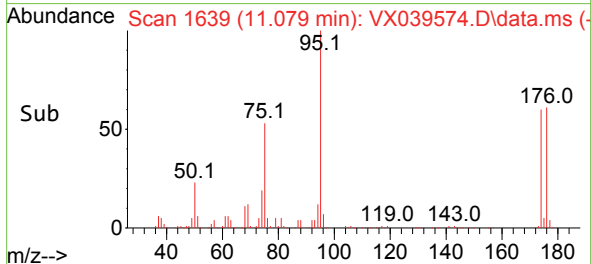
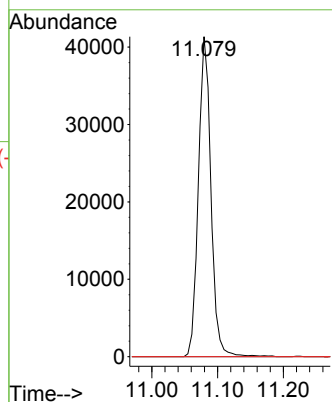
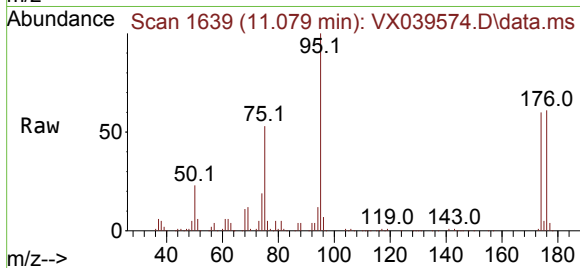




#81
trans-1,4-Dichloro-2-butene
Concen: 71.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 54813
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.208 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039574.D
Acq: 02 Jan 2024 16:09

Tgt Ion: 128 Resp: 1275
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 7.1 8.8 13.2#

