

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039573.D
 Acq On : 02 Jan 2024 15:46
 Operator : JC/MD
 Sample : P1002-08 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:14:23 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)

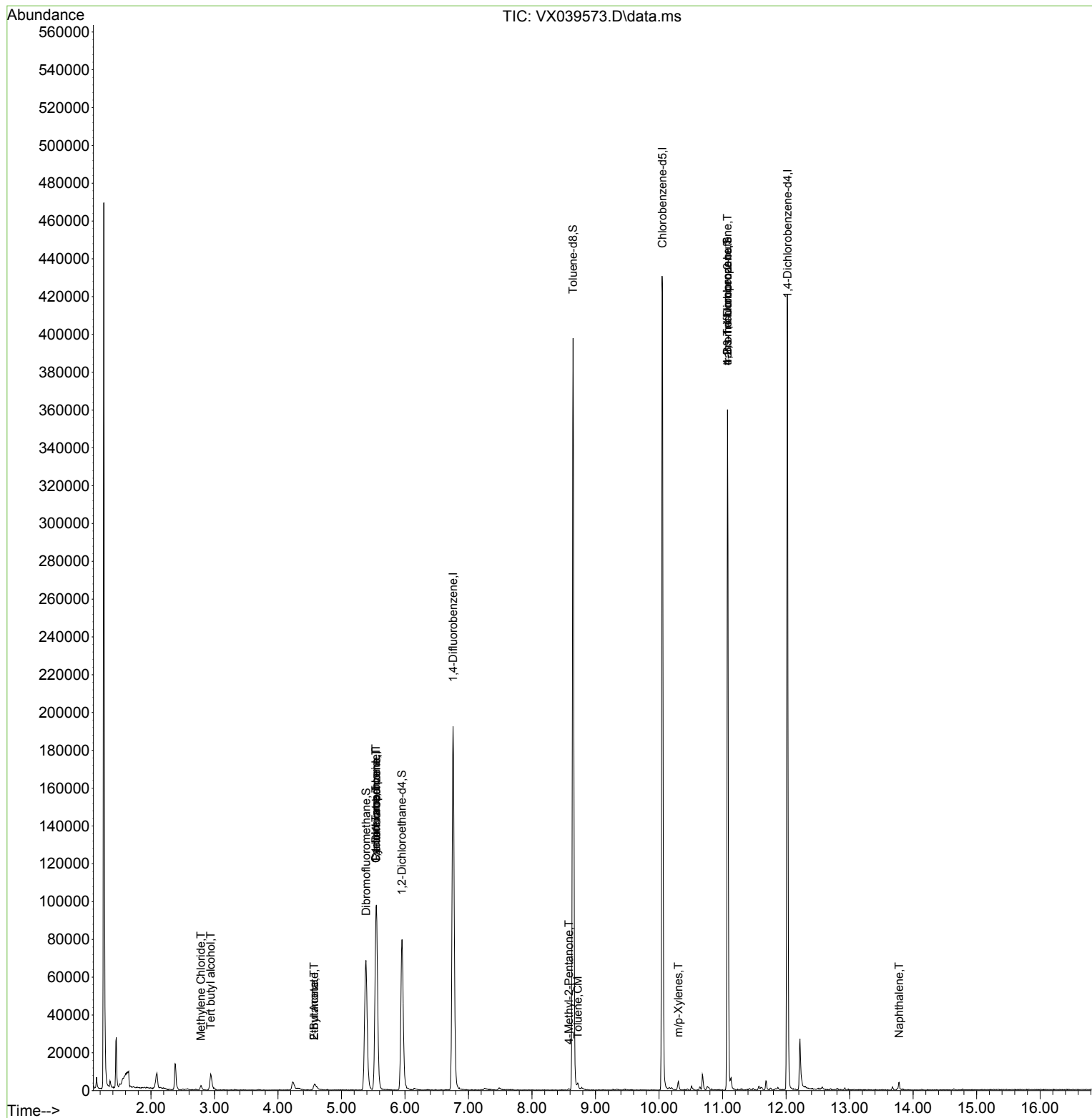
Internal Standards						
1) Pentafluorobenzene	5.550	168	86991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75955	47.662	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.320%
35) Dibromofluoromethane	5.385	113	60546	46.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.400%
50) Toluene-d8	8.647	98	232288	48.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	98258	49.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	6374	15.928	ug/l #	78
16) Acetone	2.380	43	15646	Below Cal		96
20) Methylene Chloride	2.788	84	1139	0.857	ug/l	95
25) 2-Butanone	4.568	43	5912	4.299	ug/l	100
31) Cyclohexane	5.544	56	2593	1.260	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	8490	4.150	ug/l #	51
37) Ethyl Acetate	4.568	43	5912	2.339	ug/l #	69
38) Carbon Tetrachloride	5.544	117	9953	5.098	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	754	0.288	ug/l	90
52) Toluene	8.720	92	998	0.286	ug/l	95
68) m/p-Xylenes	10.305	106	1135	0.413	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	53912	25.942	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53912	73.181	ug/l #	5
95) Naphthalene	13.780	128	2839	0.483	ug/l	96

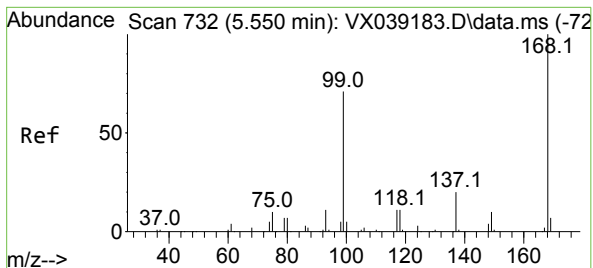
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

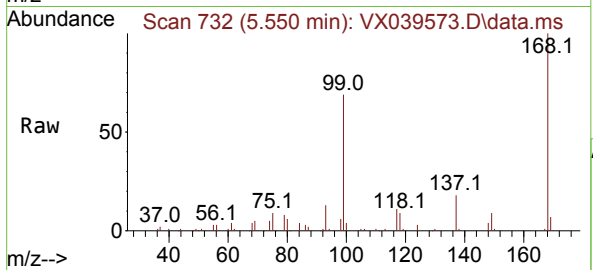
Lab File: VX039573.D

Acq: 02 Jan 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

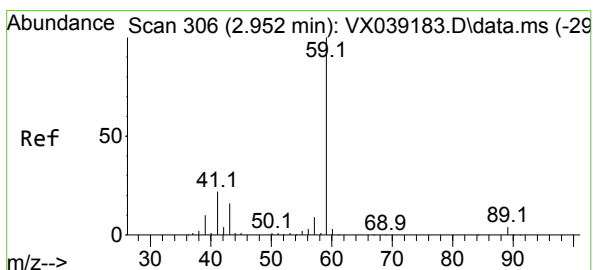
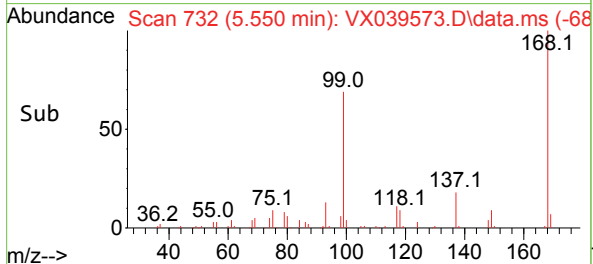
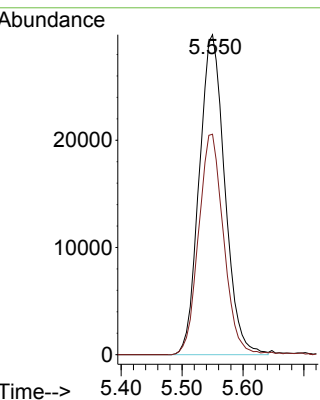


Tgt Ion:168 Resp: 86991

Ion Ratio Lower Upper

168 100

99 68.9 56.6 85.0



#11

Tert butyl alcohol

Concen: 15.928 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.012 min

Lab File: VX039573.D

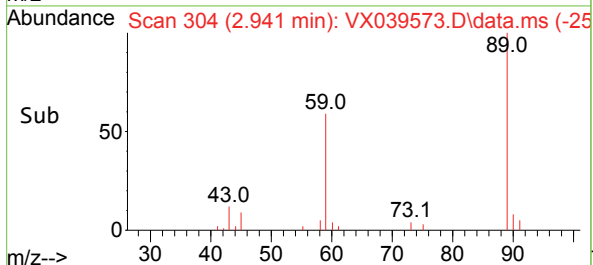
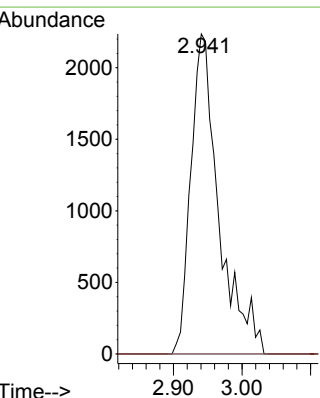
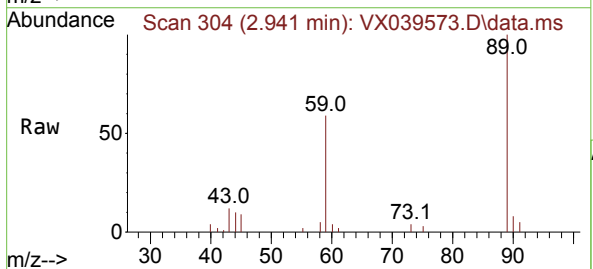
Acq: 02 Jan 2024 15:46

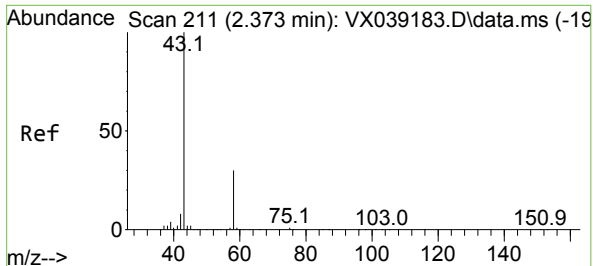
Tgt Ion: 59 Resp: 6374

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

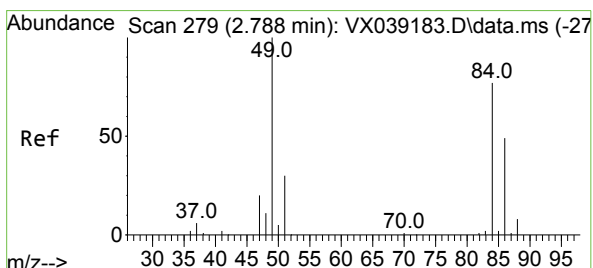
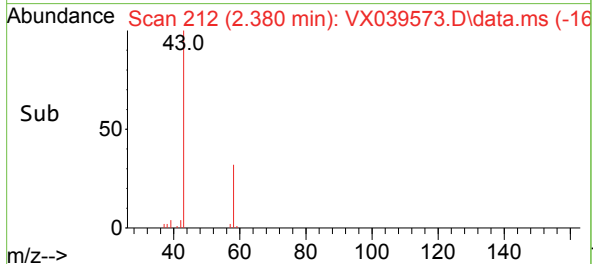
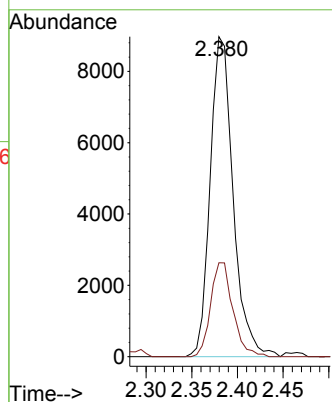
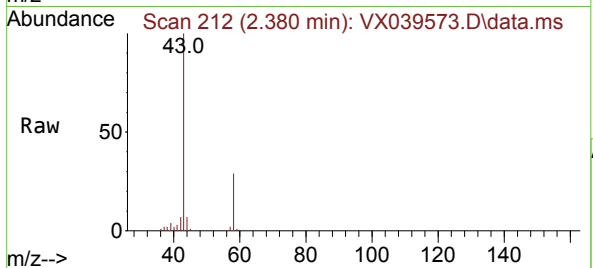




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

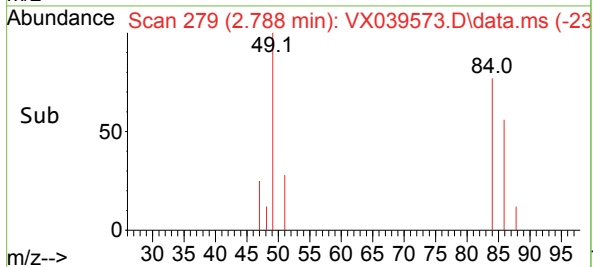
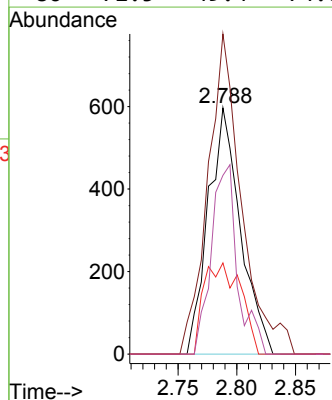
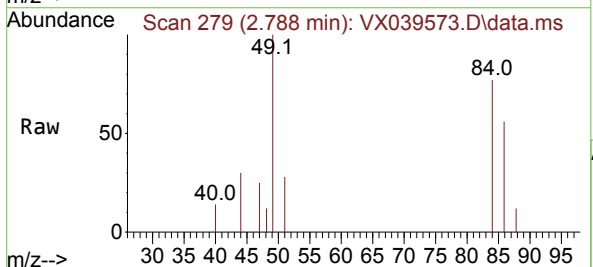
Instrument :
MSVOA_X
ClientSampleId :

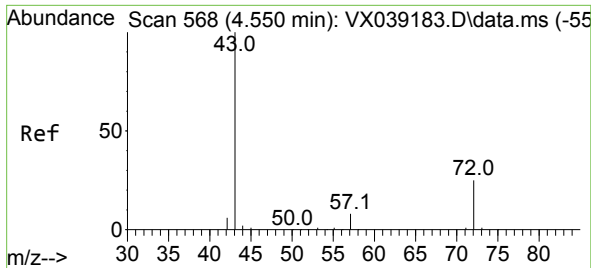
Tgt Ion: 43 Resp: 15646
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.857 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Tgt Ion: 84 Resp: 1139
Ion Ratio Lower Upper
84 100
49 130.0 103.6 155.4
51 37.0 33.8 50.6
86 72.5 49.4 74.0

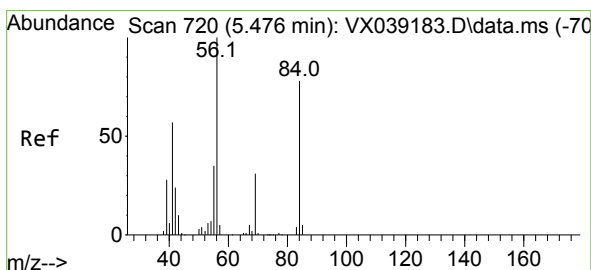
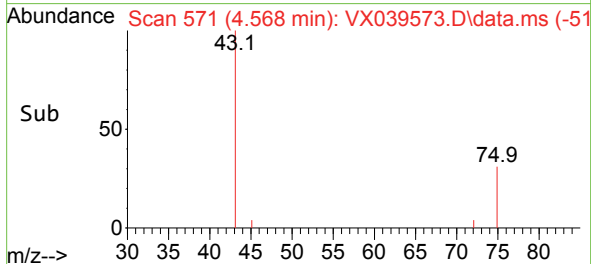
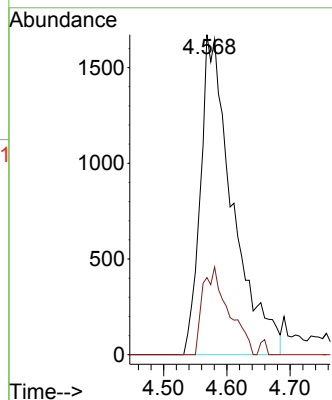
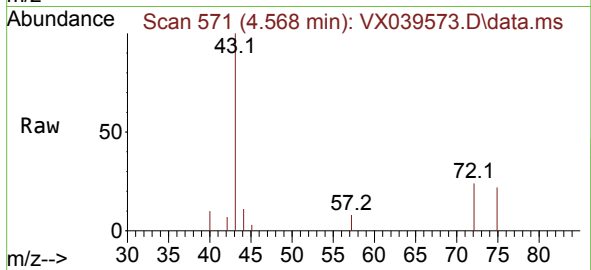




#25
2-Butanone
Concen: 4.299 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

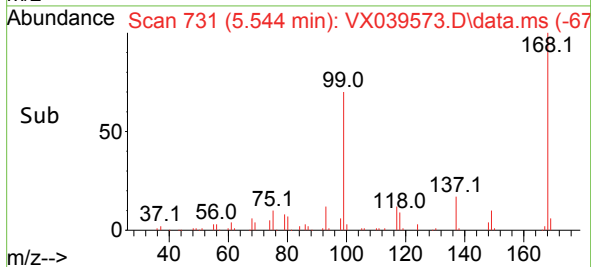
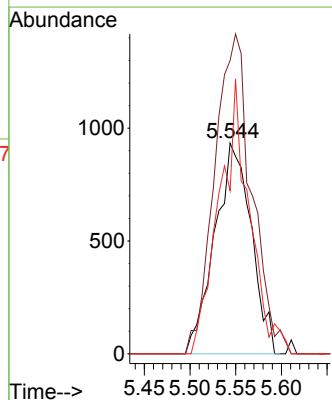
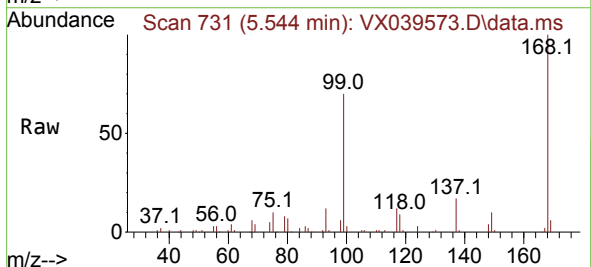
Instrument :
MSVOA_X
ClientSampleId :

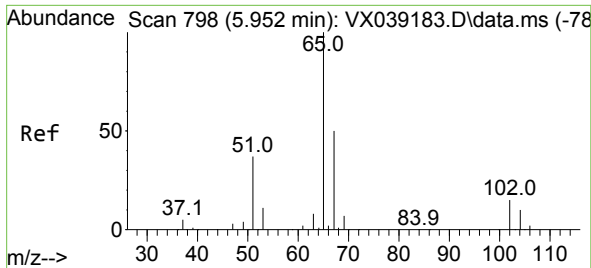
Tgt Ion: 43 Resp: 5912
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Tgt Ion: 56 Resp: 2593
Ion Ratio Lower Upper
56 100
69 139.3 23.4 35.2#
84 77.5 65.9 98.9

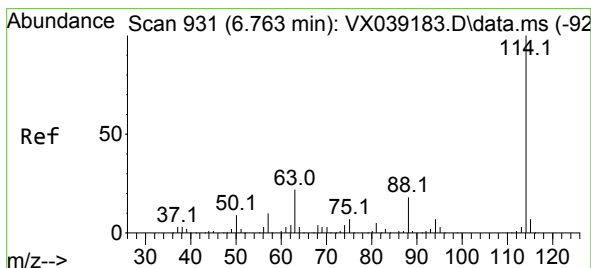
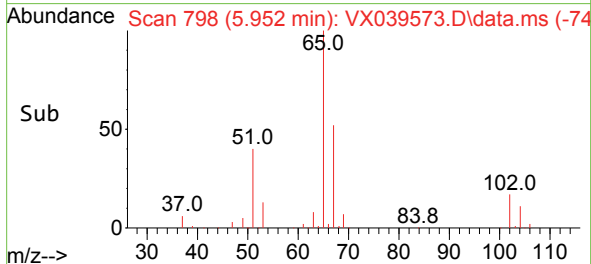
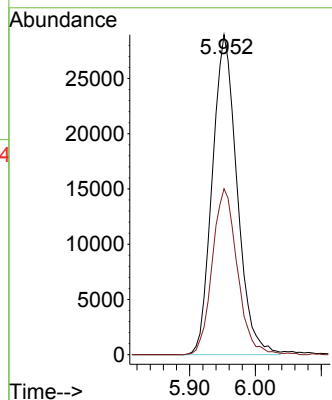
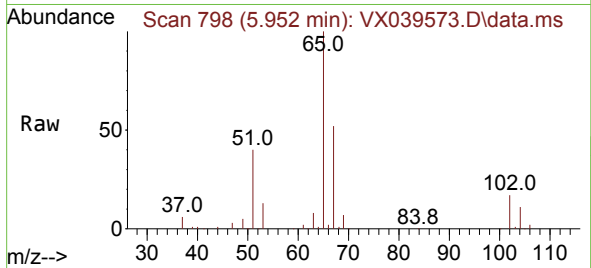




#33
 1,2-Dichloroethane-d4
 Concen: 47.662 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039573.D
 Acq: 02 Jan 2024 15:46

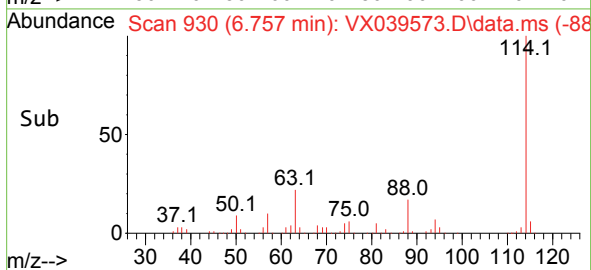
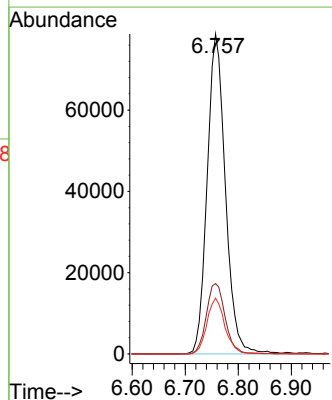
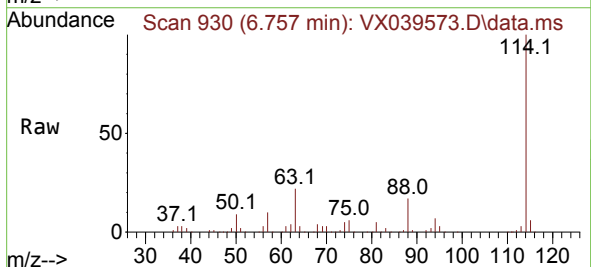
Instrument :
 MSVOA_X
 ClientSampleId :

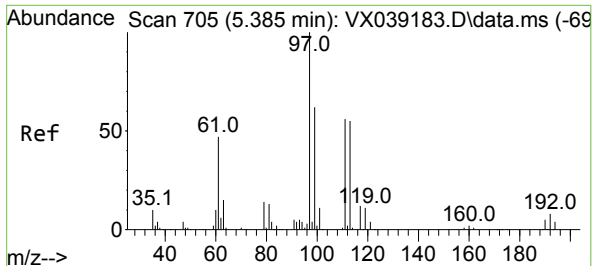
Tgt Ion: 65 Resp: 75955
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039573.D
 Acq: 02 Jan 2024 15:46

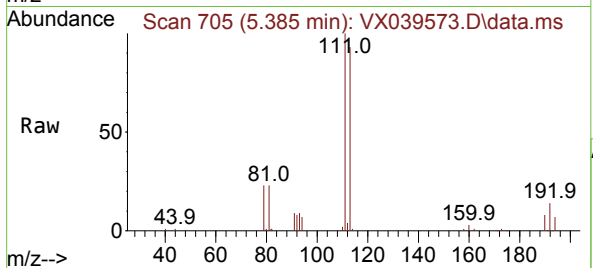
Tgt Ion: 114 Resp: 187669
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.0
 88 17.5 0.0 36.6



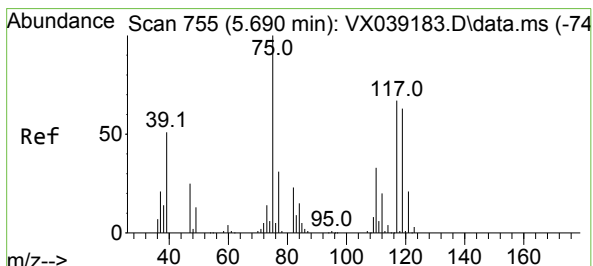
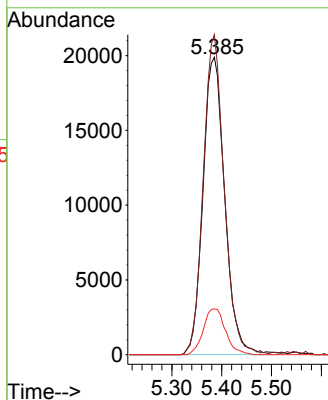
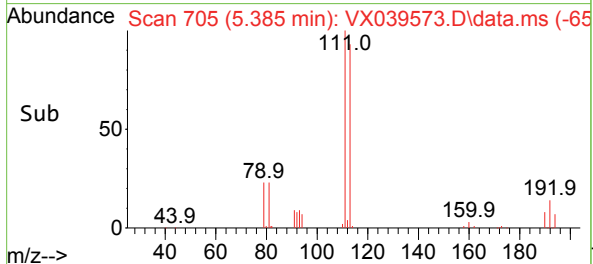


#35
Dibromofluoromethane
Concen: 46.699 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :

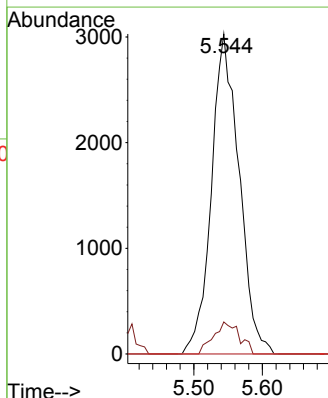
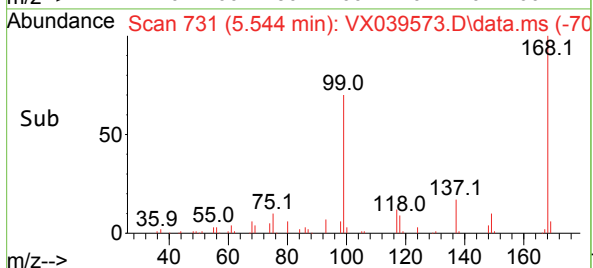
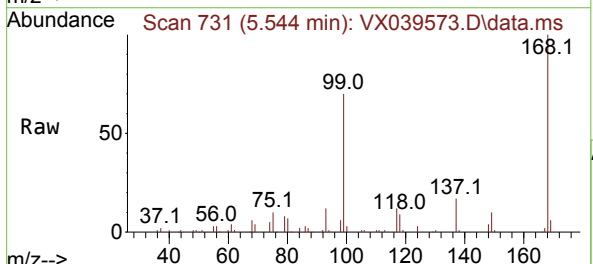


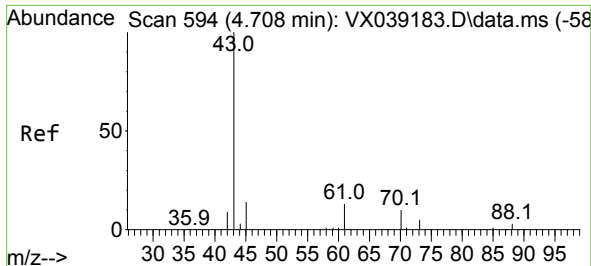
Tgt Ion:113 Resp: 60546
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 15.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.150 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Tgt Ion: 75 Resp: 8490
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.339 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.140 min

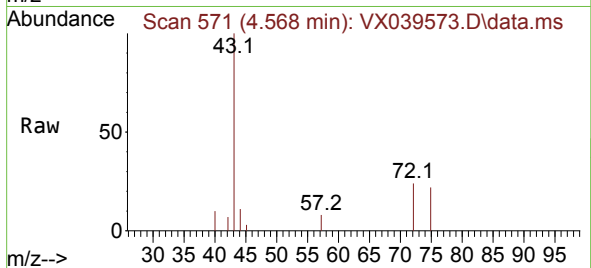
Lab File: VX039573.D

Acq: 02 Jan 2024 15:46

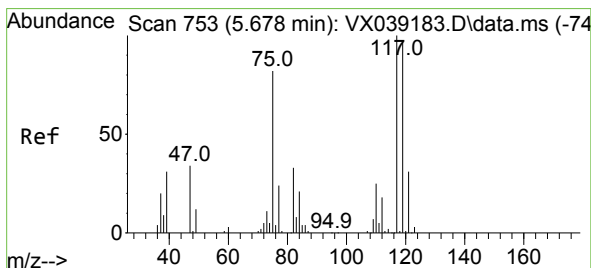
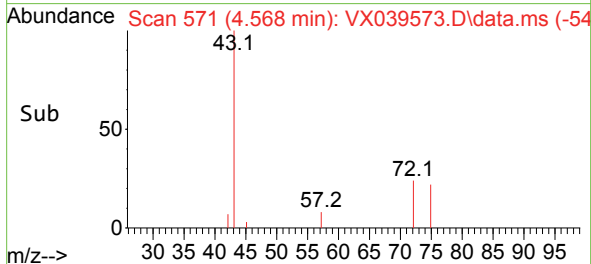
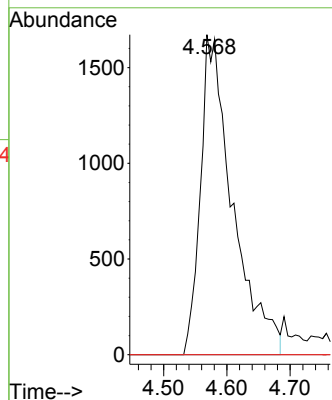
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	5912
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 5.098 ug/l

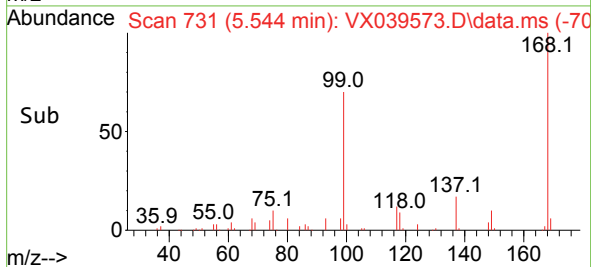
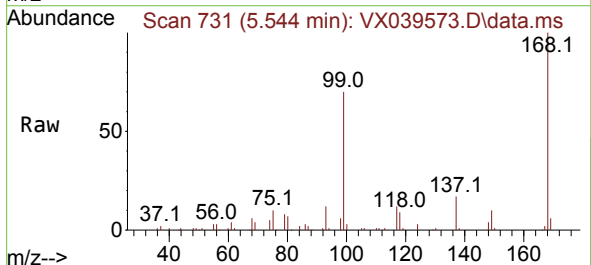
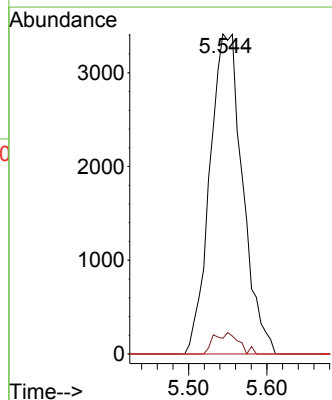
RT: 5.544 min Scan# 731

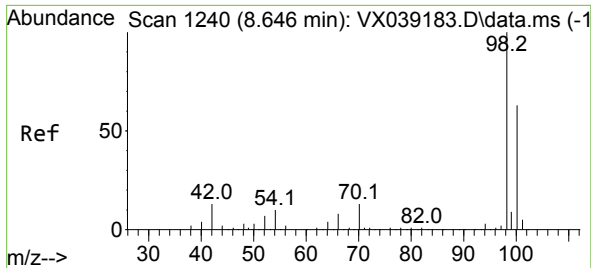
Delta R.T. -0.134 min

Lab File: VX039573.D

Acq: 02 Jan 2024 15:46

Tgt Ion:	117	Resp:	9953
Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.2	117.2#
121	0.0	24.4	36.6#

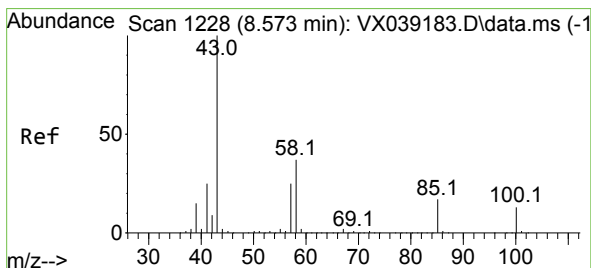
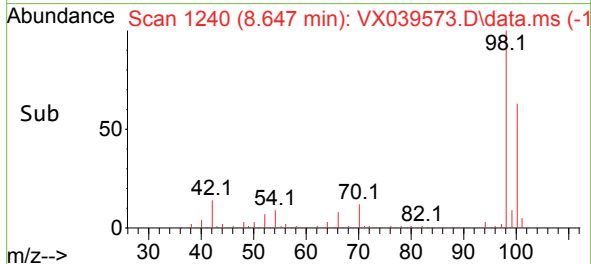
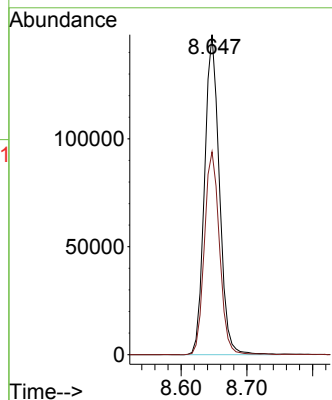
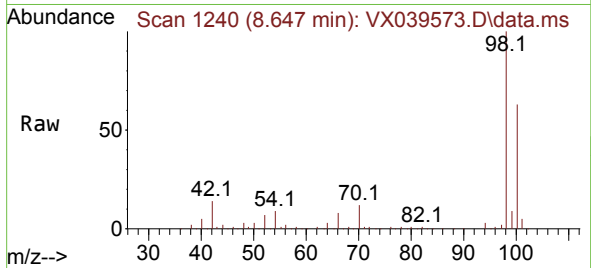




#50
Toluene-d8
Concen: 48.259 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

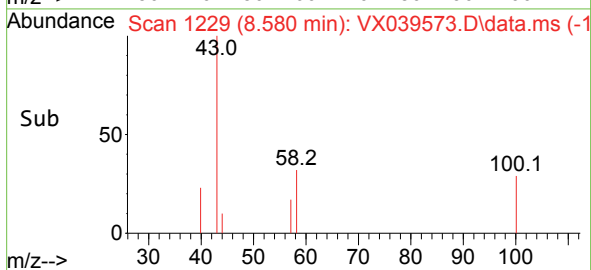
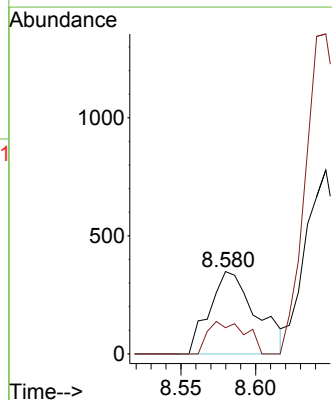
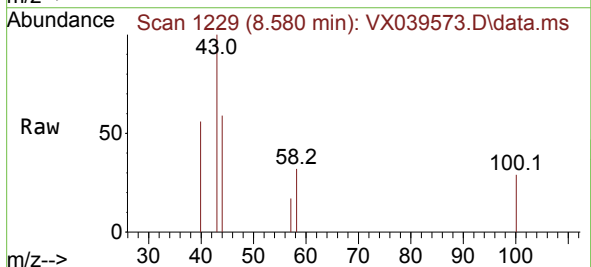
Instrument :
MSVOA_X
ClientSampleId :

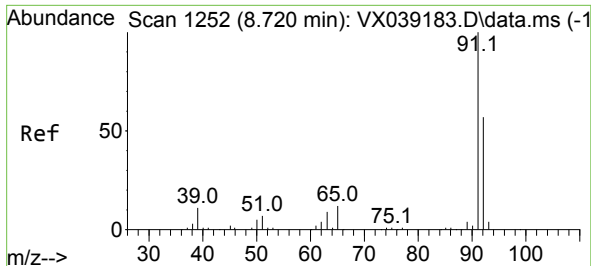
Tgt Ion: 98 Resp: 232288
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.288 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
58 31.8 30.4 45.6

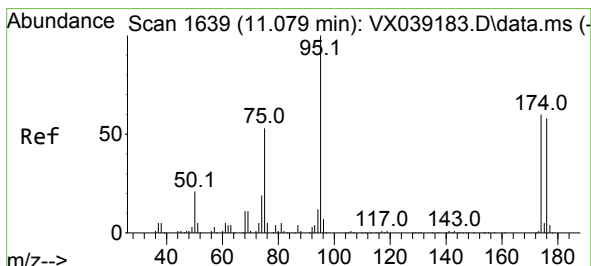
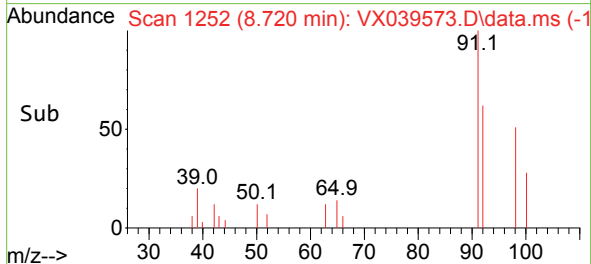
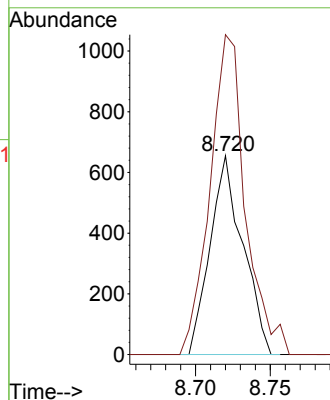
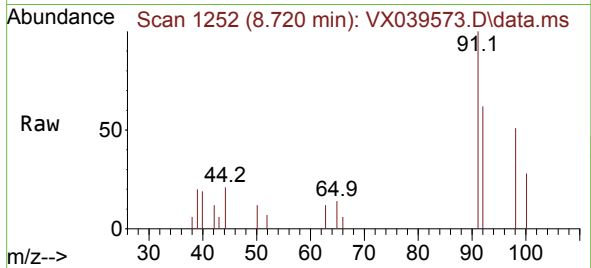




#52
Toluene
Concen: 0.286 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

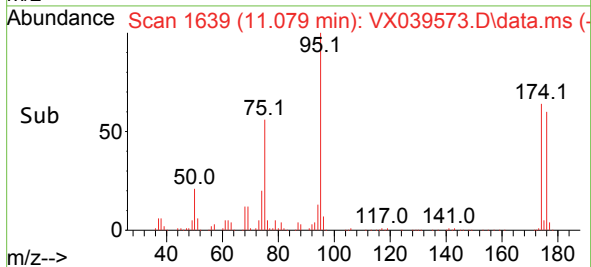
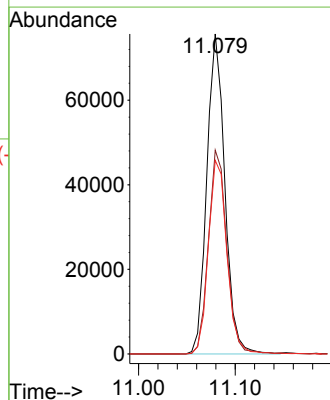
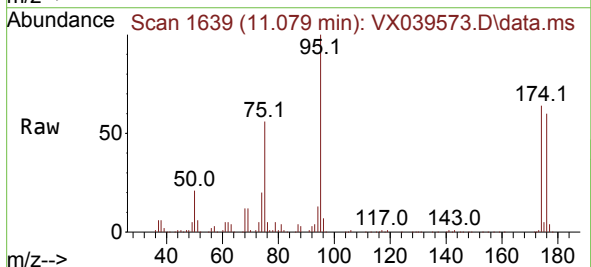
Instrument :
MSVOA_X
ClientSampleId :

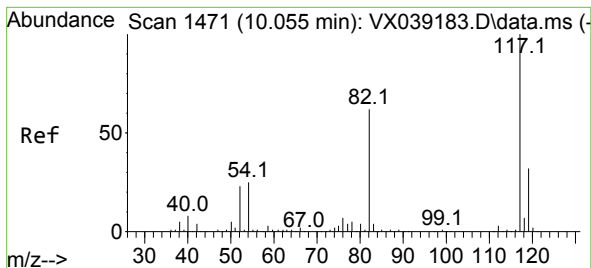
Tgt Ion: 92 Resp: 998
Ion Ratio Lower Upper
92 100
91 174.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.476 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Tgt Ion: 95 Resp: 98258
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.6
176 62.4 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: VX039573.D

Acq: 02 Jan 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

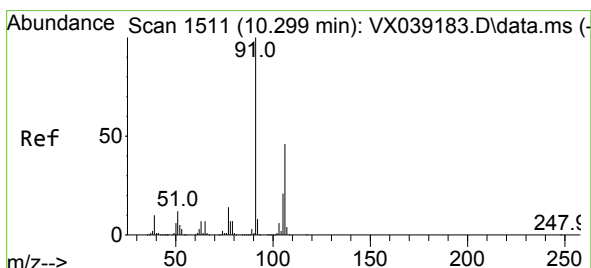
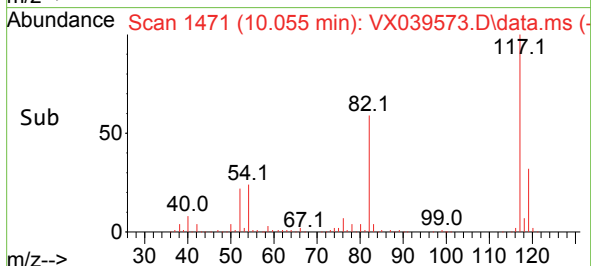
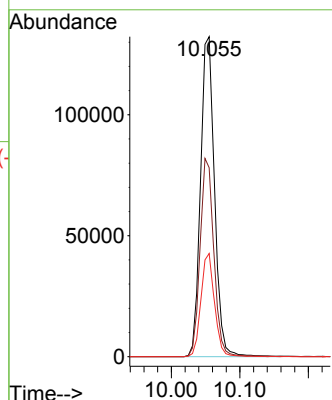
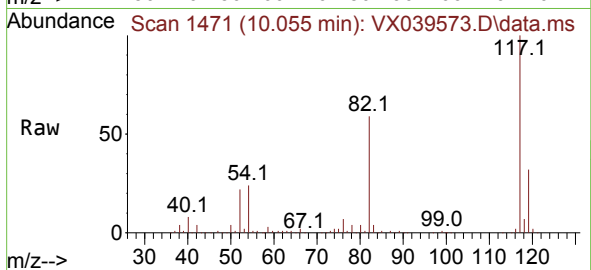
Tgt Ion:117 Resp: 188581

Ion Ratio Lower Upper

117 100

82 59.1 46.2 69.4

119 32.2 25.5 38.3



#68

m/p-Xylenes

Concen: 0.413 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX039573.D

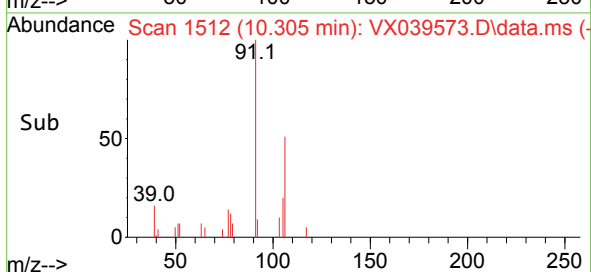
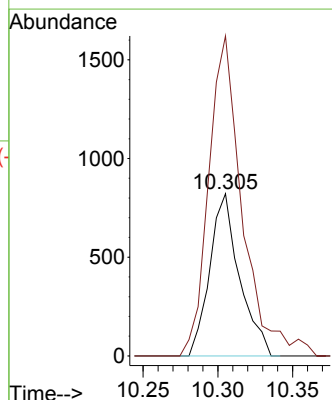
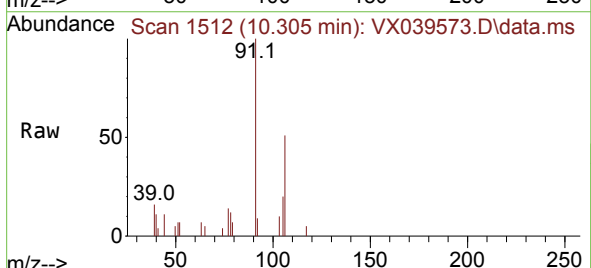
Acq: 02 Jan 2024 15:46

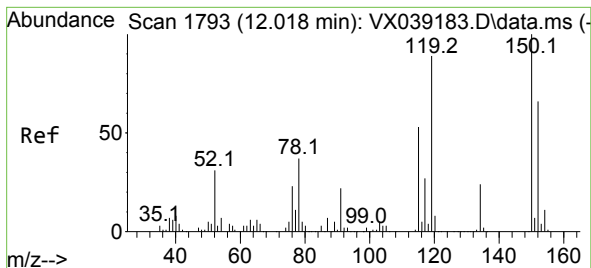
Tgt Ion:106 Resp: 1135

Ion Ratio Lower Upper

106 100

91 223.5 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039573.D

Acq: 02 Jan 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

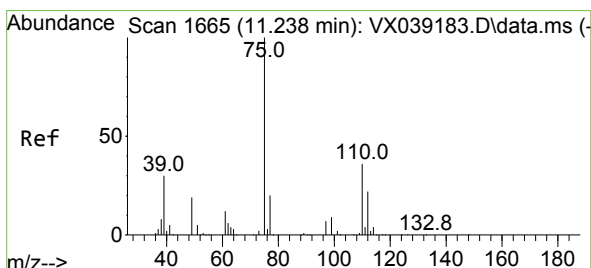
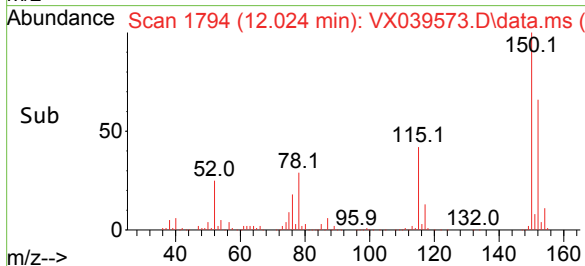
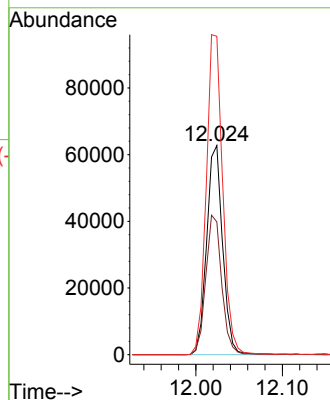
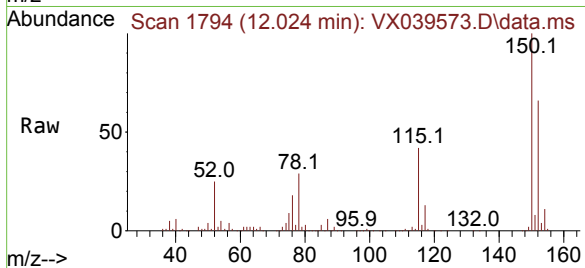
Tgt Ion:152 Resp: 80327

Ion Ratio Lower Upper

152 100

115 66.7 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.942 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039573.D

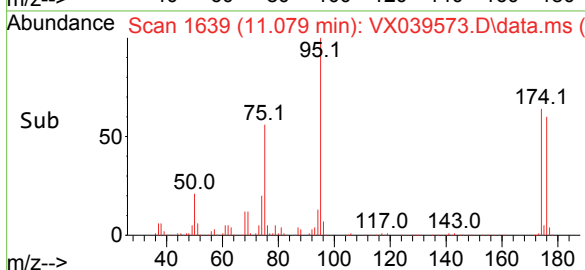
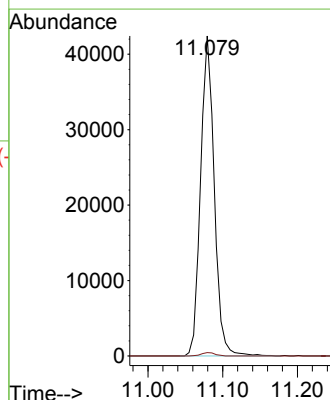
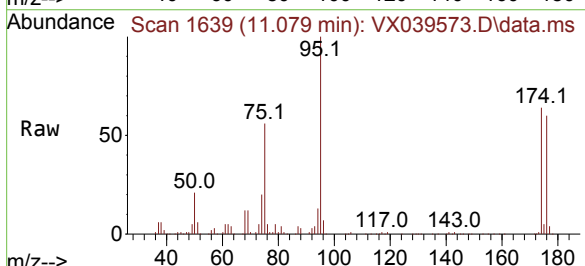
Acq: 02 Jan 2024 15:46

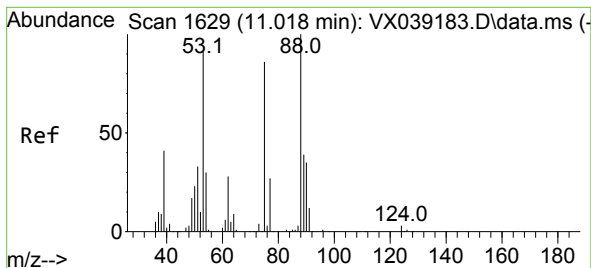
Tgt Ion: 75 Resp: 53912

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

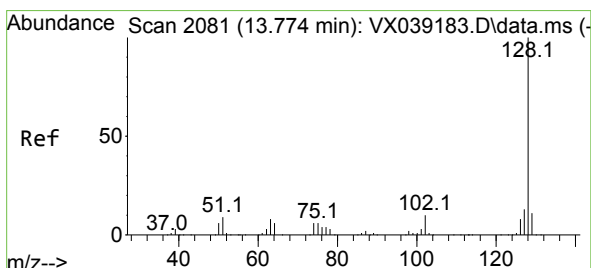
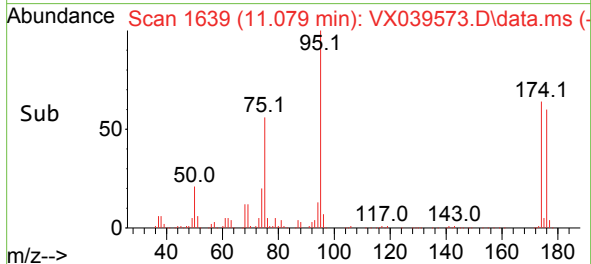
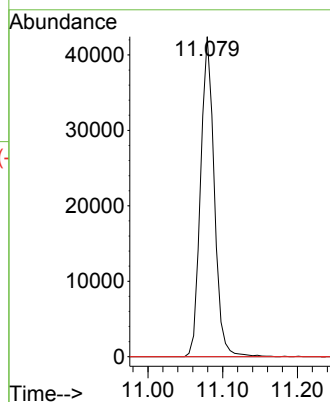
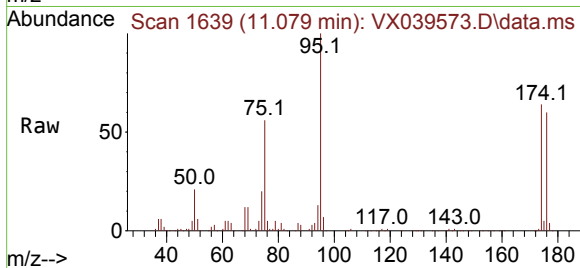




#81
trans-1,4-Dichloro-2-butene
Concen: 73.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53912
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.483 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Tgt Ion: 128 Resp: 2839
Ion Ratio Lower Upper
128 100
127 11.0 10.3 15.5
129 9.5 8.8 13.2

