

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038879.D
 Acq On : 17 Nov 2023 14:43
 Operator : JC/MD
 Sample : 05403-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 22:50:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

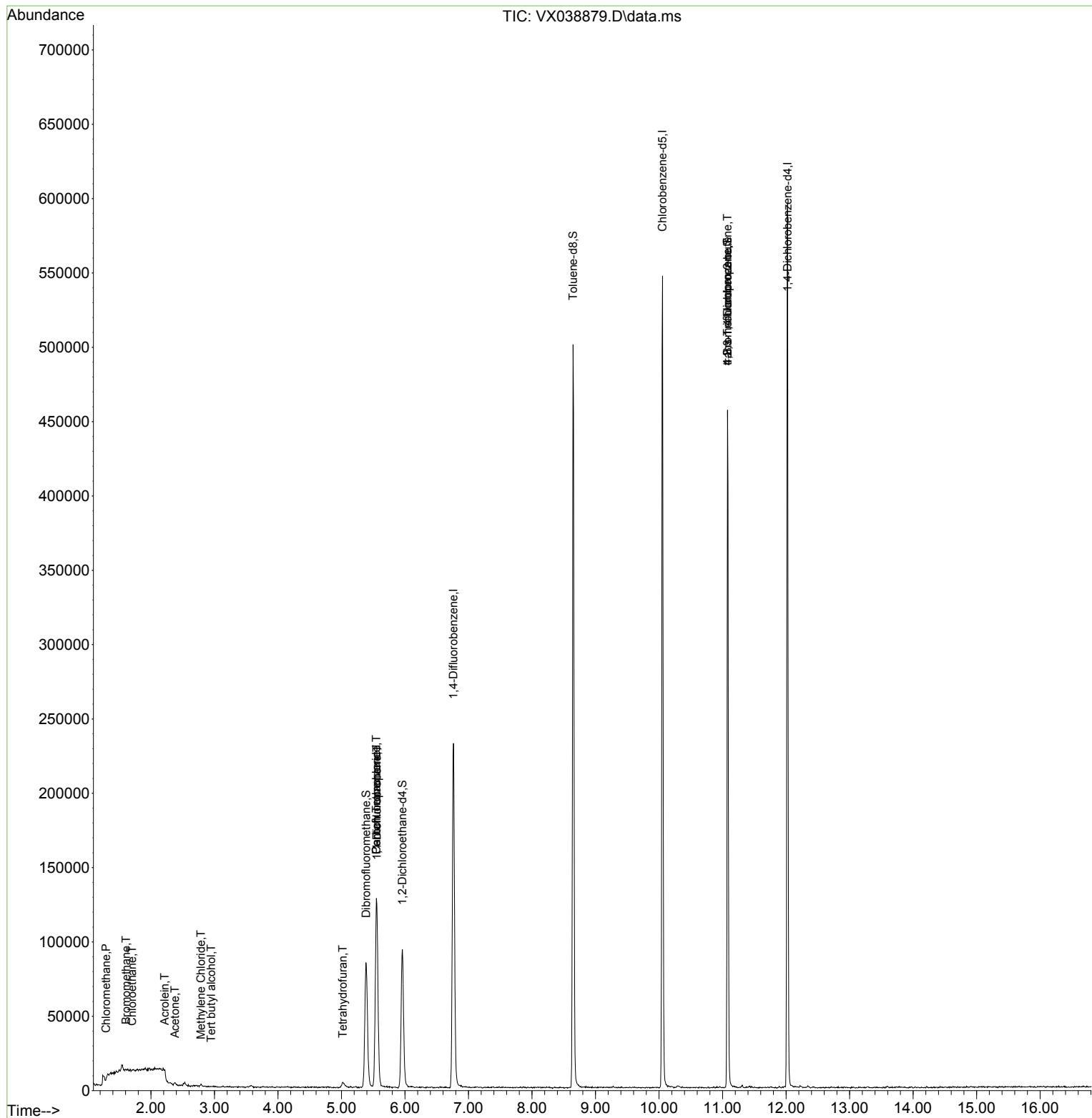
Internal Standards						
1) Pentafluorobenzene	5.550	168	116632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88393	47.034	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.060%
35) Dibromofluoromethane	5.385	113	75027	43.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.300%
50) Toluene-d8	8.647	98	299010	45.470	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.940%#
62) 4-Bromofluorobenzene	11.079	95	130193	49.458	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	386	0.217	ug/l	100
5) Bromomethane	1.605	94	195	0.276	ug/l #	50
6) Chloroethane	1.703	64	625	0.640	ug/l #	43
11) Tert butyl alcohol	2.946	59	197	0.377	ug/l #	78
13) Acrolein	2.215	56	249	0.900	ug/l #	1
16) Acetone	2.380	43	1669	1.668	ug/l #	72
20) Methylene Chloride	2.788	84	753	0.418	ug/l #	73
29) Tetrahydrofuran	5.019	42	3864	3.751	ug/l #	88
36) 1,1-Dichloropropene	5.556	75	10422	4.231	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12500	5.490	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	66878	21.900	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	66878	48.577	ug/l #	5

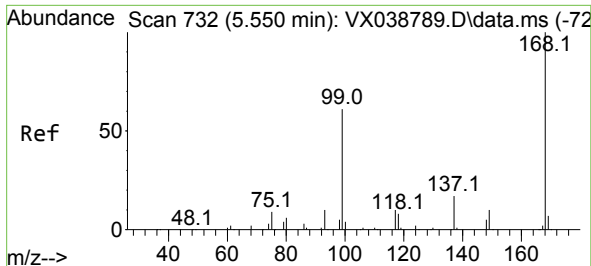
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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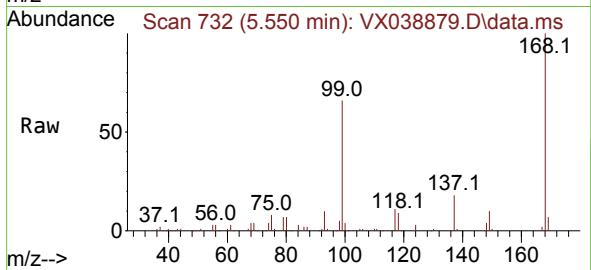
Quant Time: Nov 17 22:50:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
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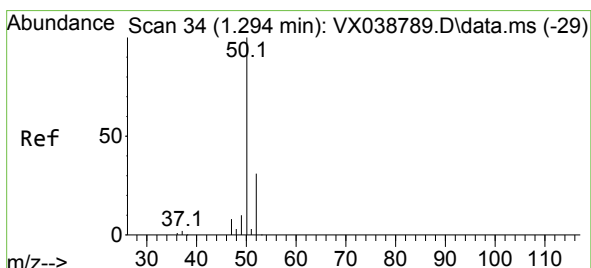
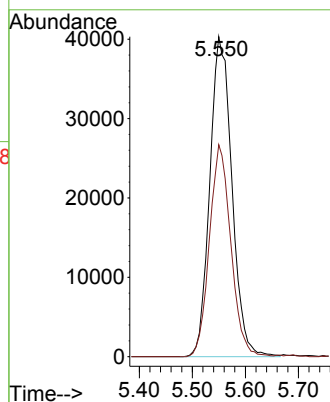
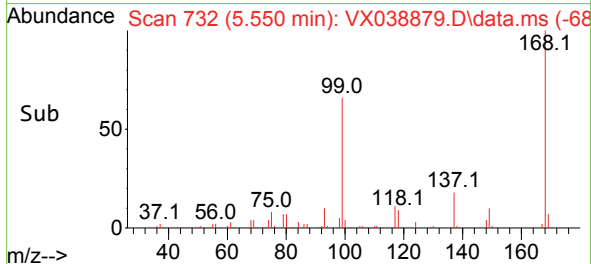


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :

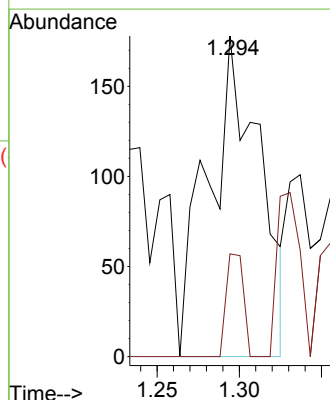
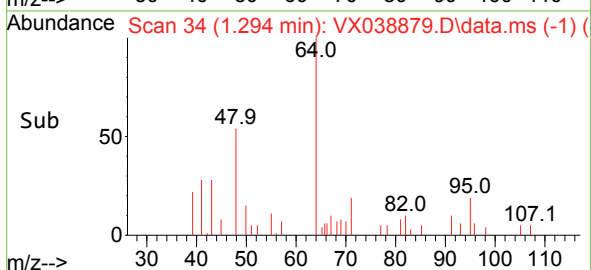
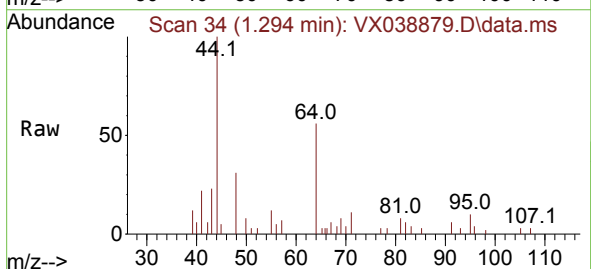


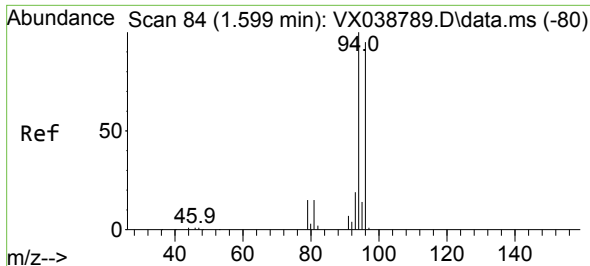
Tgt Ion:168 Resp: 116632
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

Tgt Ion: 50 Resp: 386
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

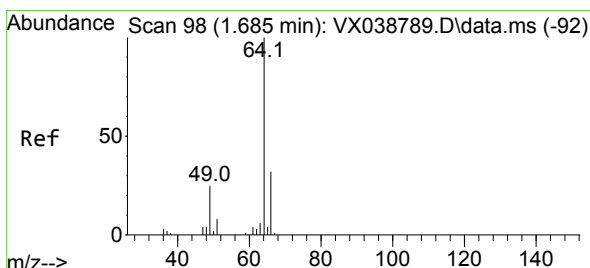
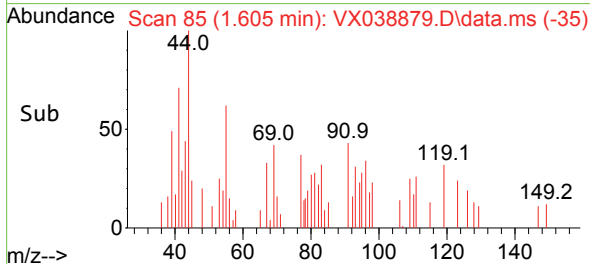
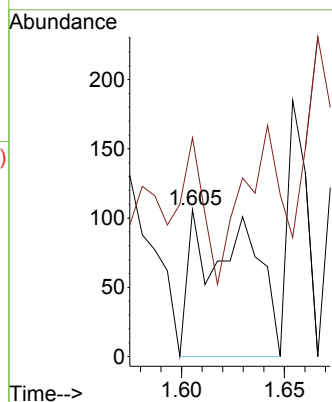
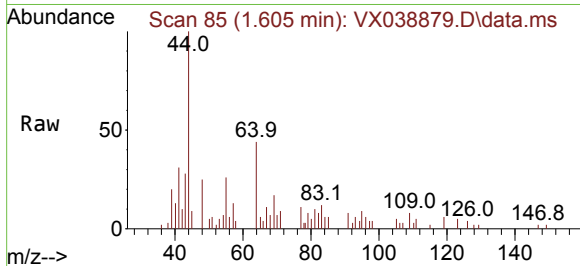




#5
Bromomethane
Concen: 0.276 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

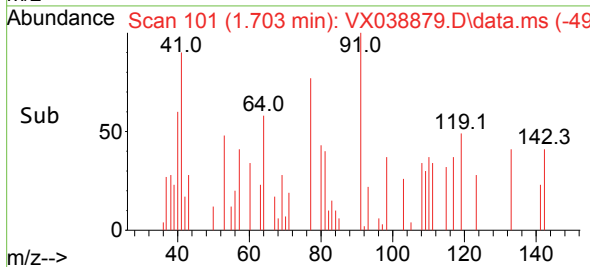
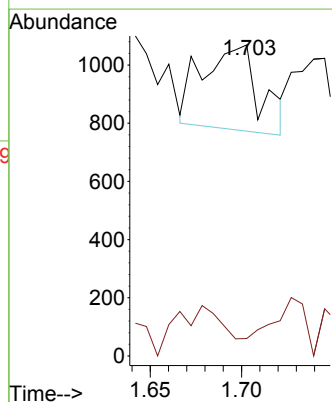
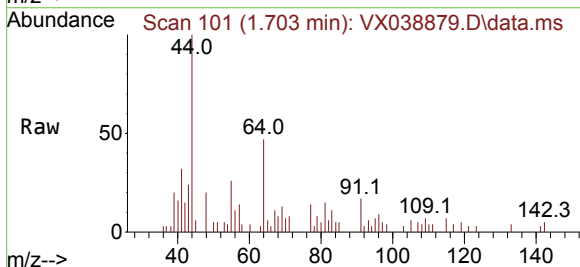
Instrument :
MSVOA_X
ClientSampleId :

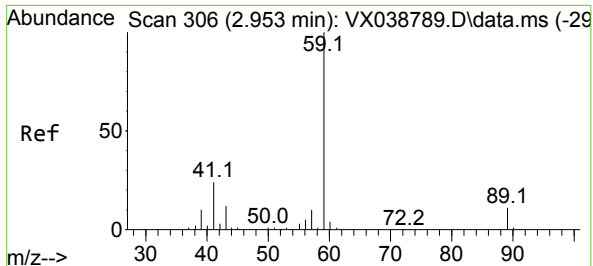
Tgt Ion: 94 Resp: 195
Ion Ratio Lower Upper
94 100
96 45.3 74.6 111.8#



#6
Chloroethane
Concen: 0.640 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

Tgt Ion: 64 Resp: 625
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.377 ug/l

RT: 2.946 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX038879.D

Acq: 17 Nov 2023 14:43

Instrument :

MSVOA_X

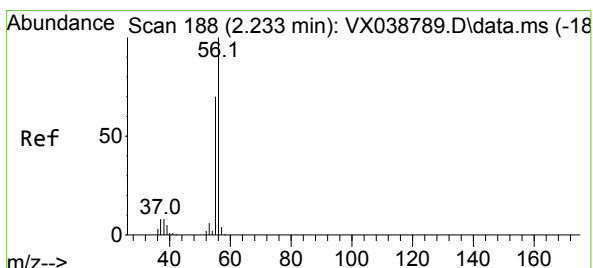
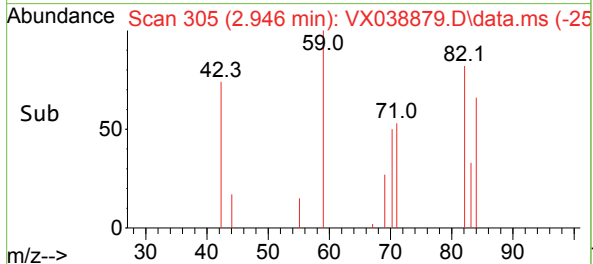
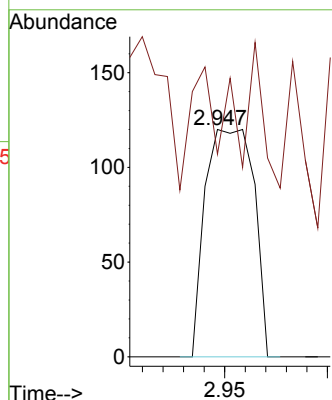
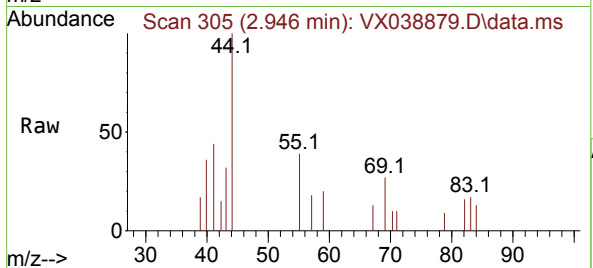
ClientSampleId :

Tgt Ion: 59 Resp: 197

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.900 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX038879.D

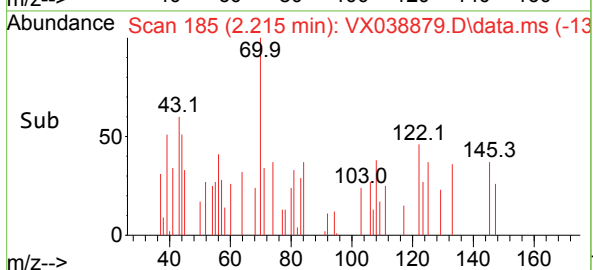
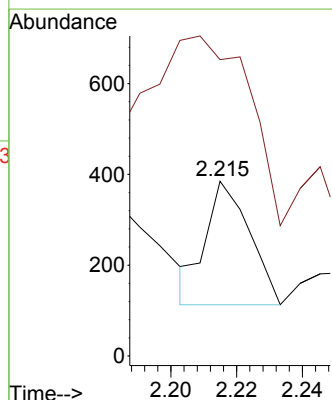
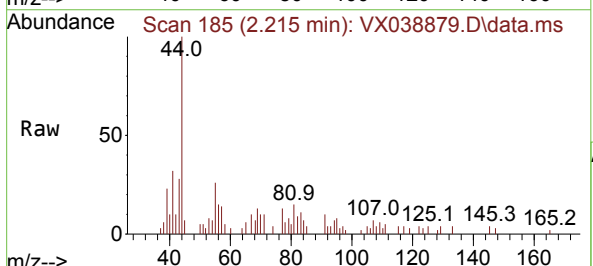
Acq: 17 Nov 2023 14:43

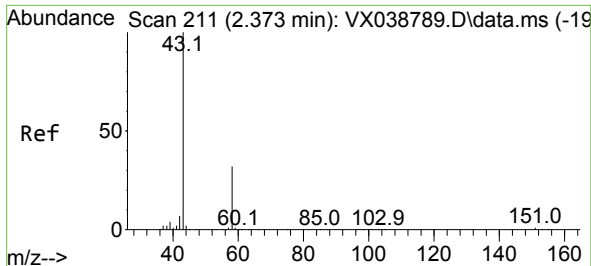
Tgt Ion: 56 Resp: 249

Ion Ratio Lower Upper

56 100

55 224.9 57.1 85.7#

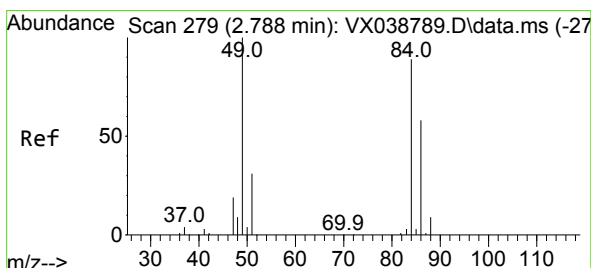
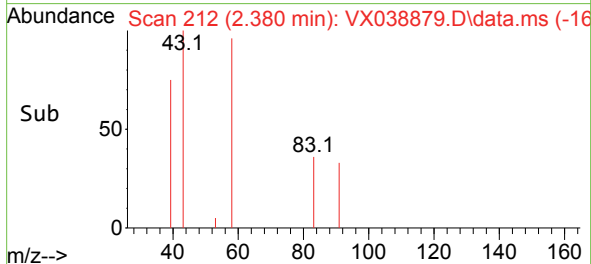
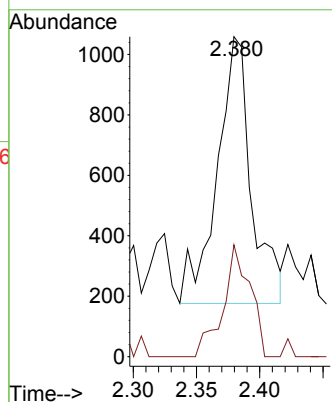
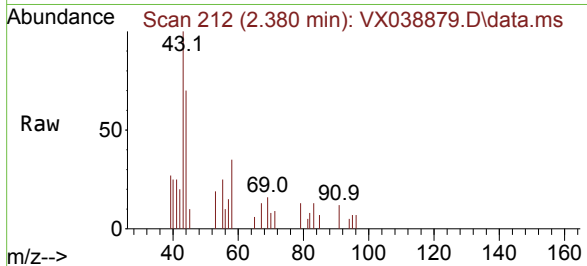




#16
Acetone
Concen: 1.668 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

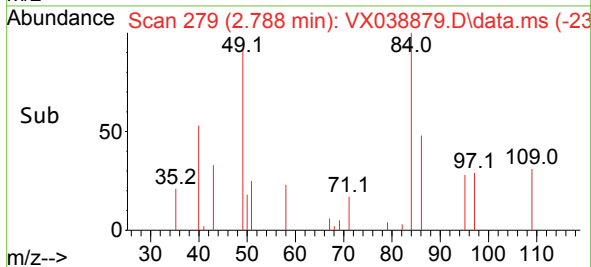
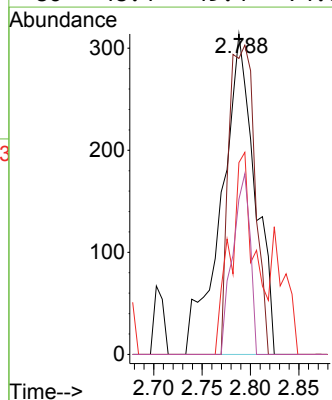
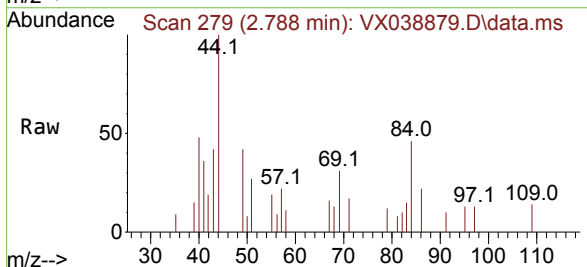
Instrument :
MSVOA_X
ClientSampleId :

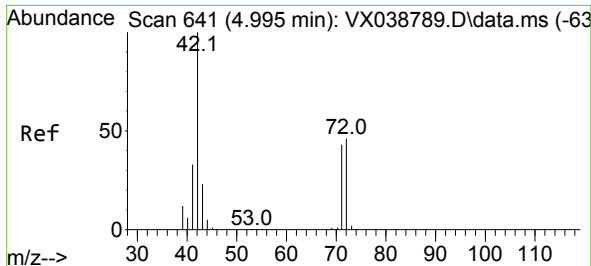
Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 41.9 21.9 32.9#



#20
Methylene Chloride
Concen: 0.418 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

Tgt Ion: 84 Resp: 753
Ion Ratio Lower Upper
84 100
49 92.4 103.6 155.4#
51 59.9 33.8 50.6#
86 48.4 49.4 74.0#





#29

Tetrahydrofuran

Concen: 3.751 ug/l

RT: 5.019 min Scan# 641

Delta R.T. 0.024 min

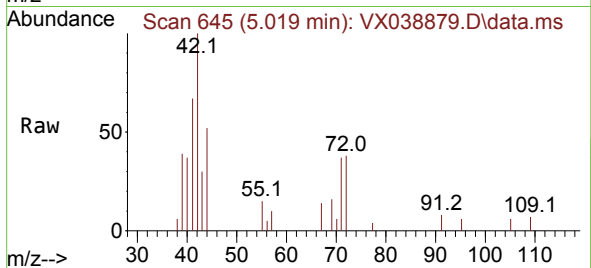
Lab File: VX038879.D

Acq: 17 Nov 2023 14:43

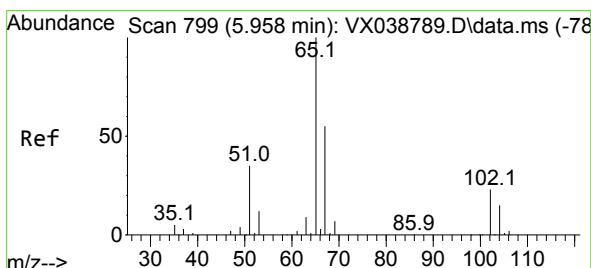
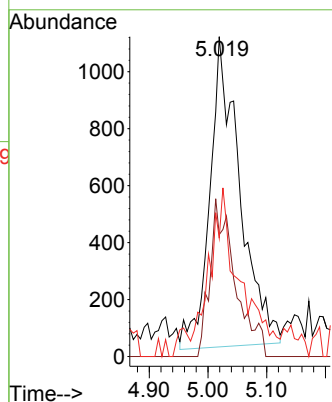
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	3864
Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.4
71	55.2	32.2	48.2#



#33

1,2-Dichloroethane-d4

Concen: 47.034 ug/l

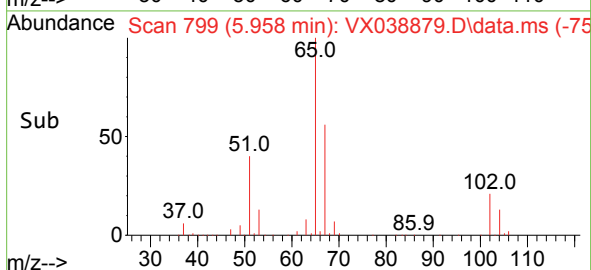
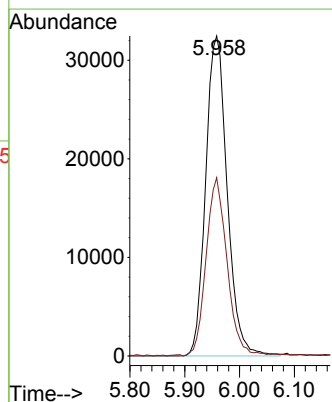
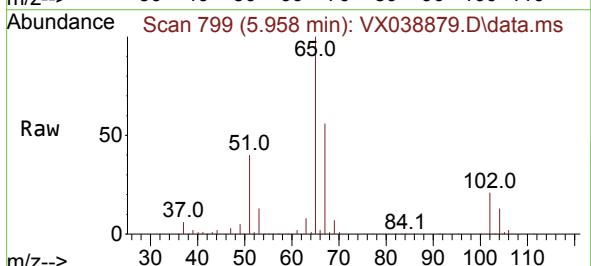
RT: 5.958 min Scan# 799

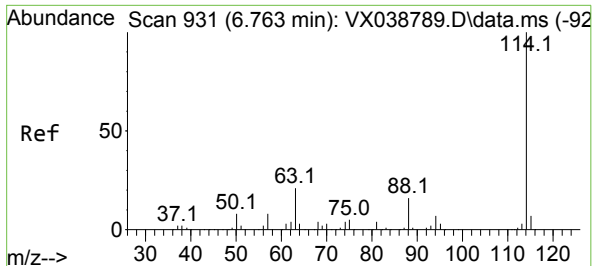
Delta R.T. -0.000 min

Lab File: VX038879.D

Acq: 17 Nov 2023 14:43

Tgt Ion:	65	Resp:	88393
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	100.2

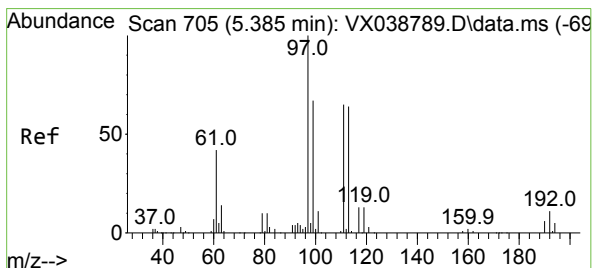
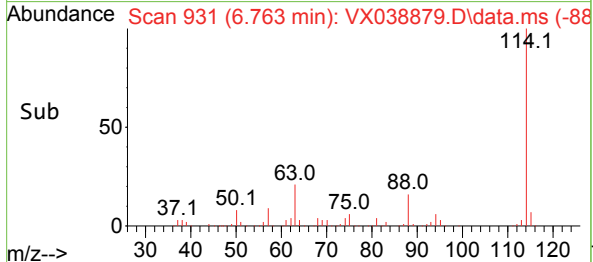
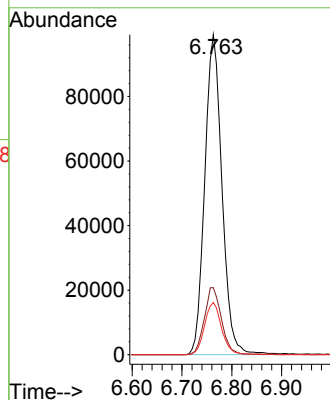
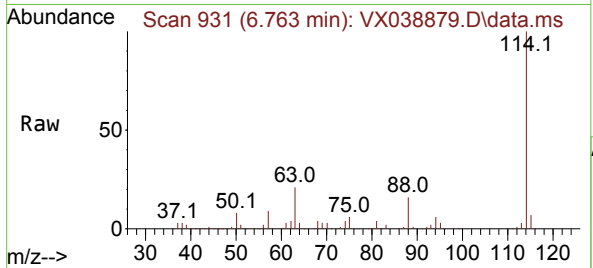




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

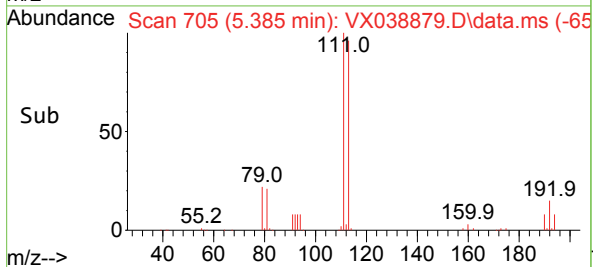
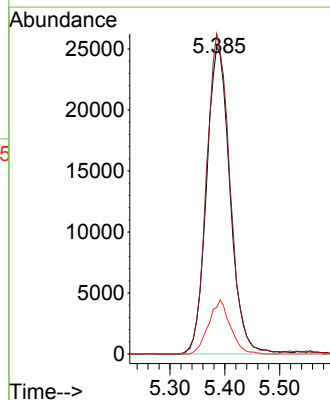
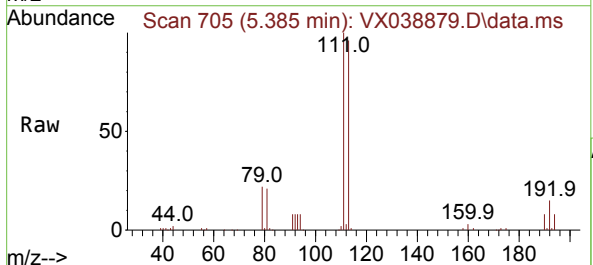
Instrument :
MSVOA_X
ClientSampleId :

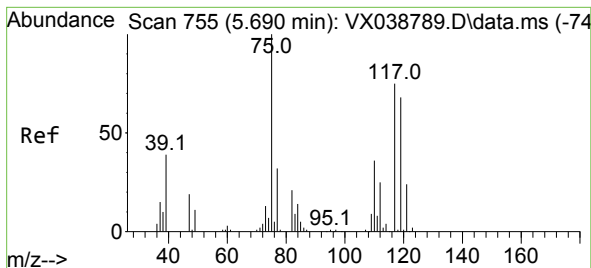
Tgt Ion:114 Resp: 237978
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.652 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

Tgt Ion:113 Resp: 75027
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.2 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.231 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX038879.D

Acq: 17 Nov 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

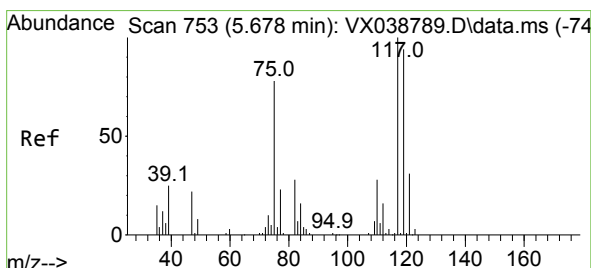
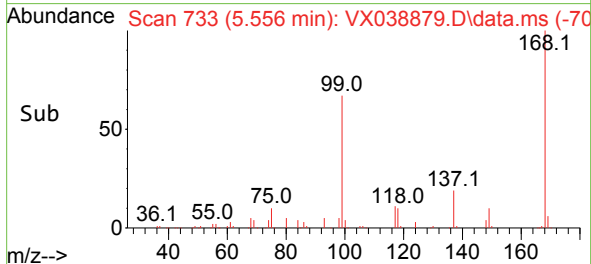
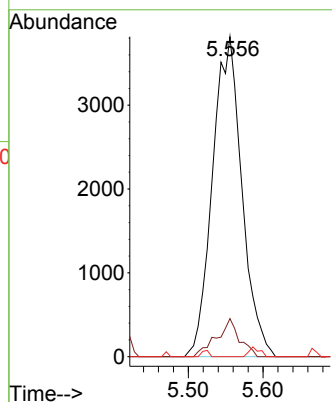
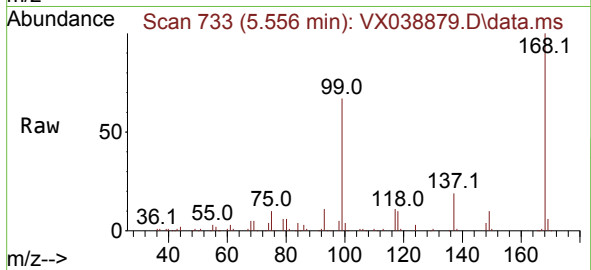
Tgt Ion: 75 Resp: 10422

Ion Ratio Lower Upper

75 100

110 9.3 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.490 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX038879.D

Acq: 17 Nov 2023 14:43

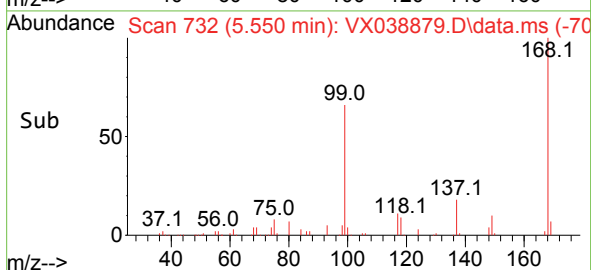
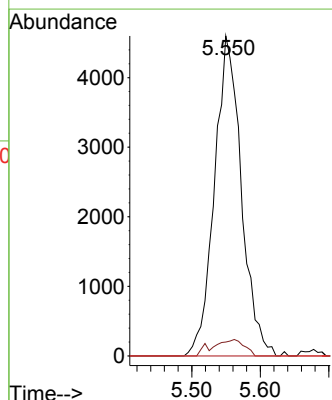
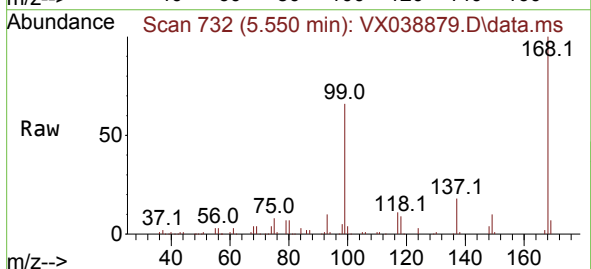
Tgt Ion: 117 Resp: 12500

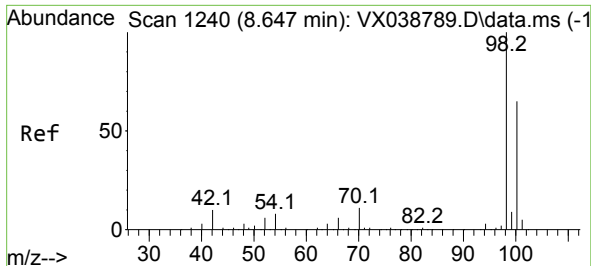
Ion Ratio Lower Upper

117 100

119 4.3 78.2 117.2#

121 0.0 24.4 36.6#

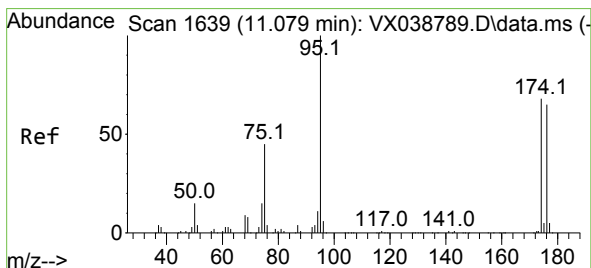
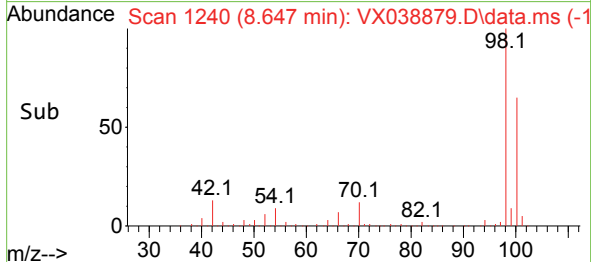
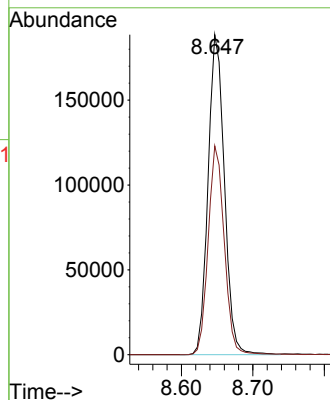
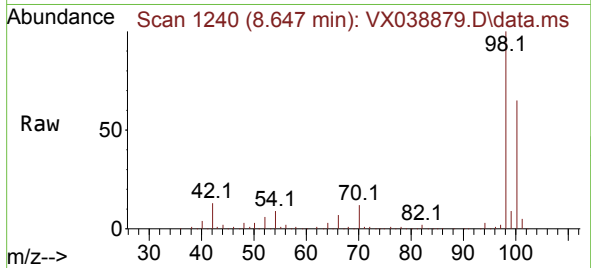




#50
Toluene-d8
Concen: 45.470 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

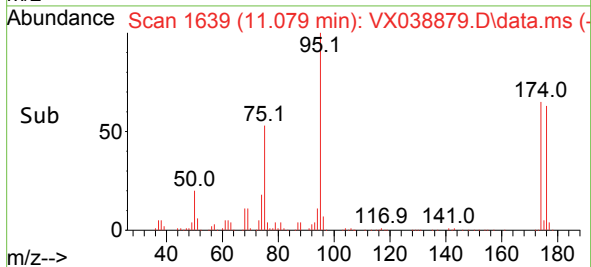
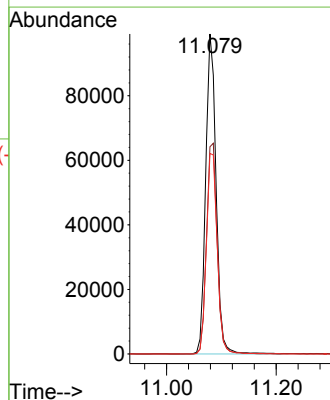
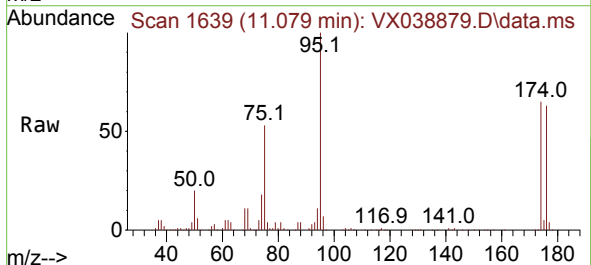
Instrument :
MSVOA_X
ClientSampleId :

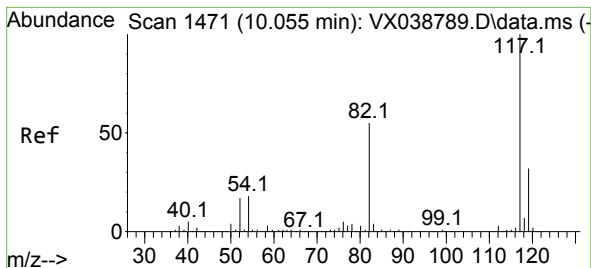
Tgt Ion: 98 Resp: 299010
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.458 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

Tgt Ion: 95 Resp: 130193
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 65.3 0.0 131.0

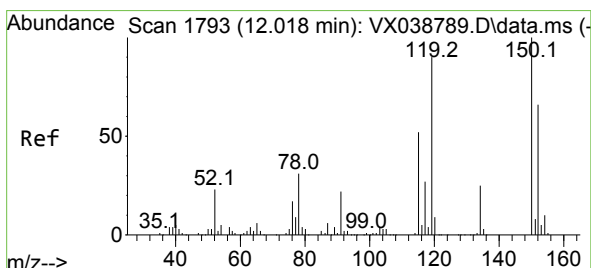
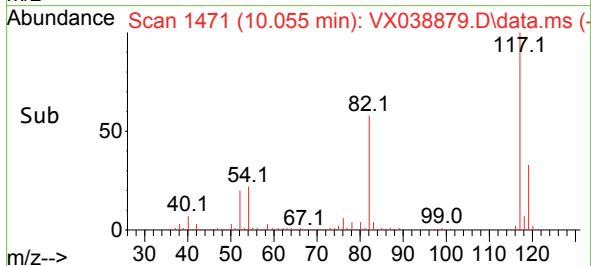
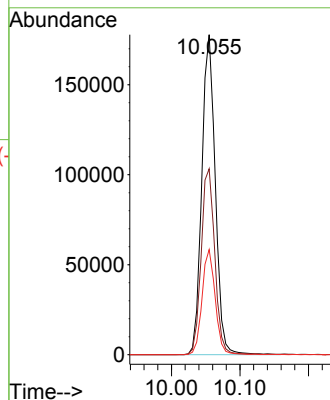
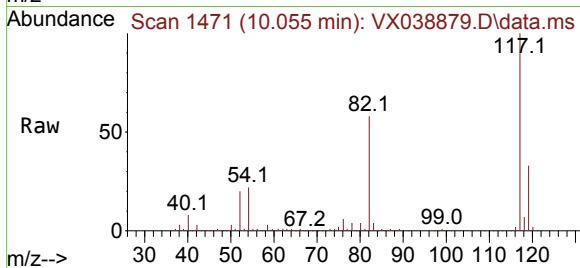




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

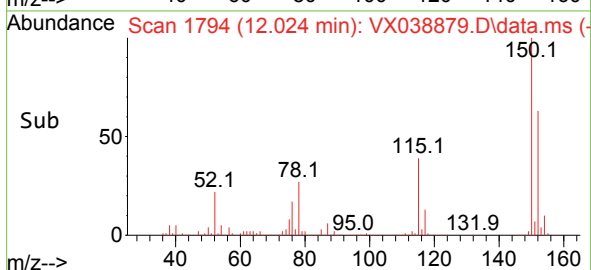
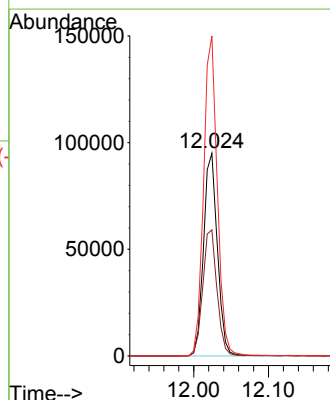
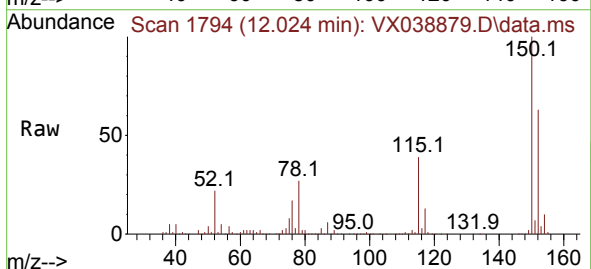
Instrument :
MSVOA_X
ClientSampleId :

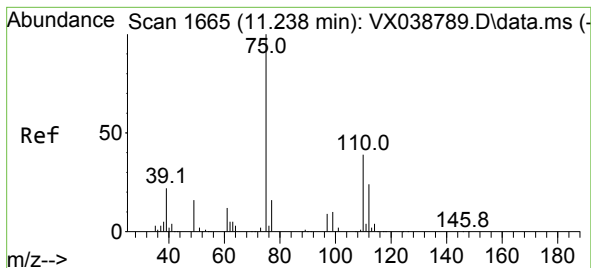
Tgt Ion:117 Resp: 244049
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038879.D
Acq: 17 Nov 2023 14:43

Tgt Ion:152 Resp: 122395
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.900 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

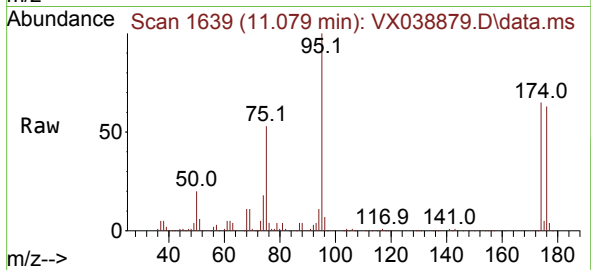
Lab File: VX038879.D

Acq: 17 Nov 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

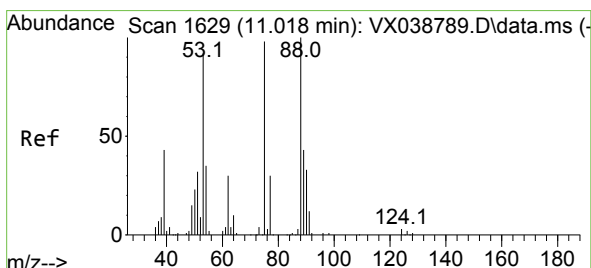
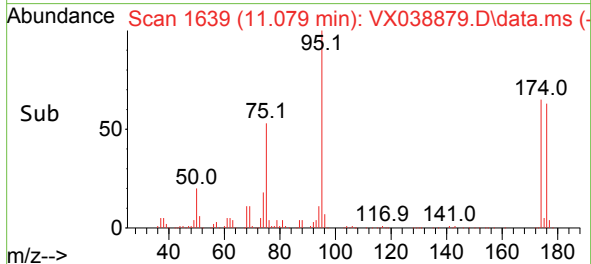
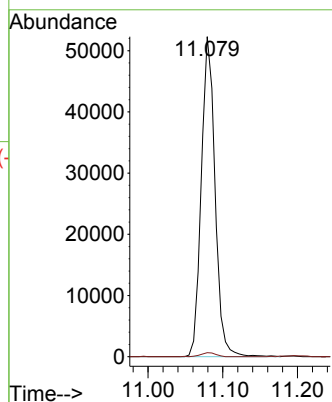


Tgt Ion: 75 Resp: 66878

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 48.577 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038879.D

Acq: 17 Nov 2023 14:43

Tgt Ion: 75 Resp: 66878

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

