

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038360.D
 Acq On : 18 Oct 2023 14:16
 Operator : JC/MD
 Sample : 04940-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:40:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

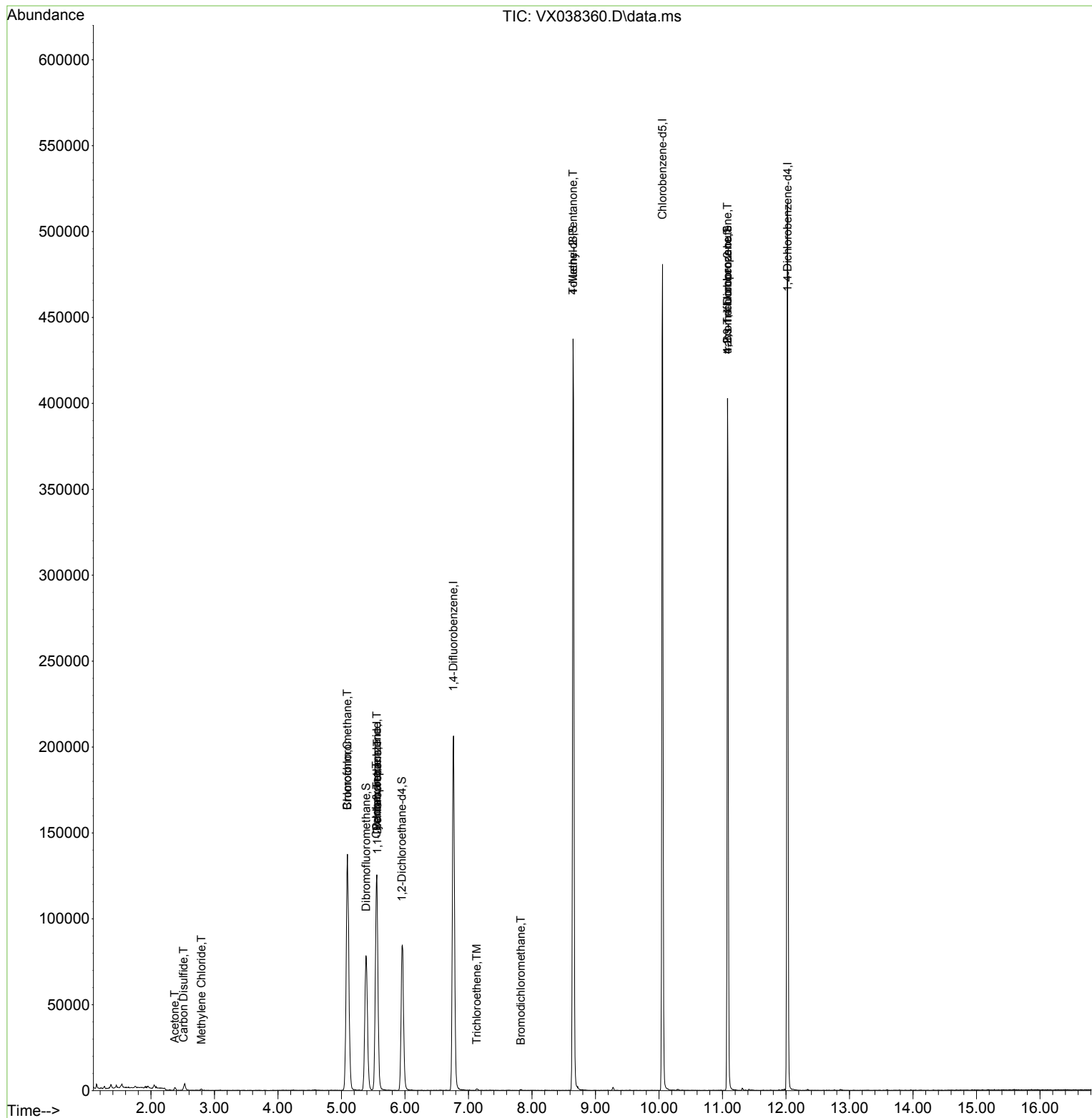
Internal Standards						
1) Pentafluorobenzene	5.556	168	117219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83037	44.042	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.080%
35) Dibromofluoromethane	5.385	113	68195	44.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.980%
50) Toluene-d8	8.647	98	262146	45.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.520%#
62) 4-Bromofluorobenzene	11.079	95	100894	45.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.900%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	71	Below Cal		89
6) Chloroethane	1.721	64	296	Below Cal	#	43
16) Acetone	2.374	43	1628	2.069	ug/l #	85
17) Carbon Disulfide	2.514	76	912	0.295	ug/l #	76
20) Methylene Chloride	2.794	84	320	0.216	ug/l #	71
28) Bromochloromethane	5.093	49	12429	11.284	ug/l #	16
30) Chloroform	5.093	83	151738	56.872	ug/l	99
31) Cyclohexane	5.550	56	2767	1.355	ug/l #	26
36) 1,1-Dichloropropene	5.562	75	9777	4.678	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12248	5.957	ug/l #	16
44) Trichloroethene	7.129	130	397	0.260	ug/l	68
47) Bromodichloromethane	7.824	83	447	0.214	ug/l #	85
51) 4-Methyl-2-Pentanone	8.647	43	1234	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54492	21.717	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54492	62.331	ug/l #	5

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

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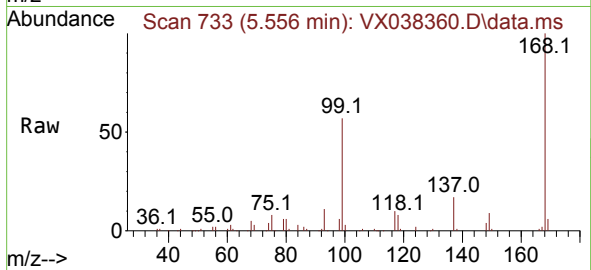
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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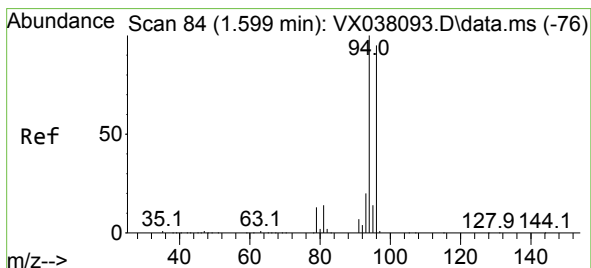
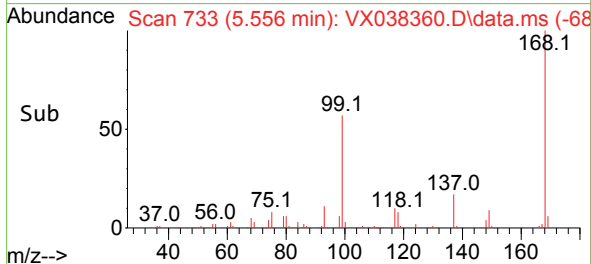
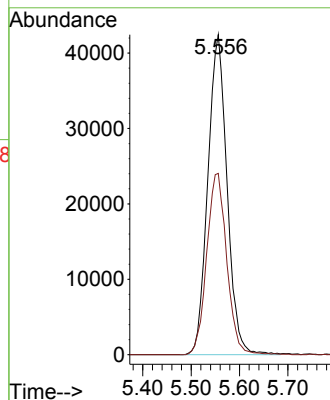


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

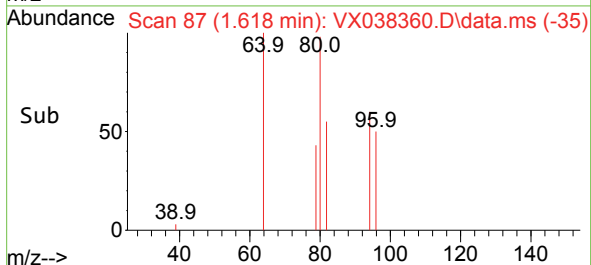
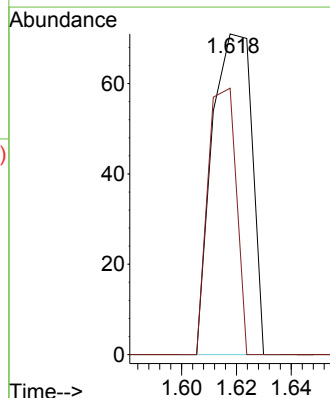
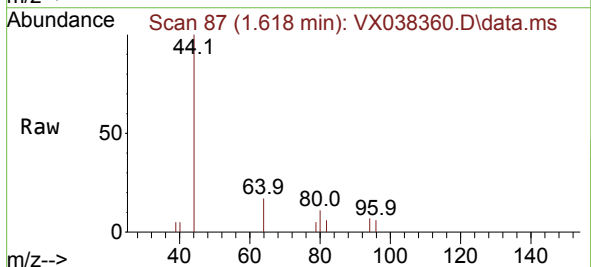


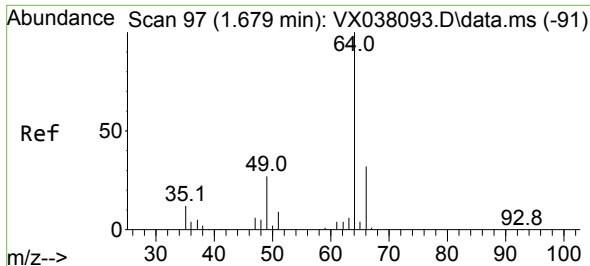
Tgt Ion:168 Resp: 117219
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

Tgt Ion: 94 Resp: 71
Ion Ratio Lower Upper
94 100
96 83.1 74.6 111.8

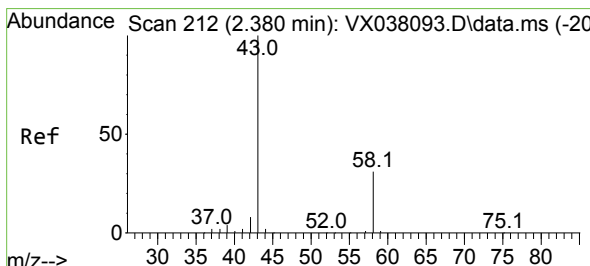
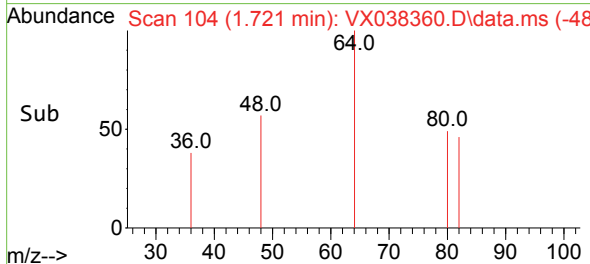
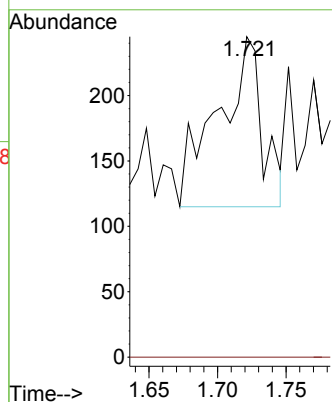
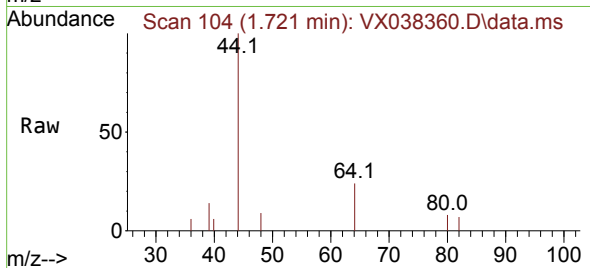




#6
Chloroethane
Concen: Below Cal
RT: 1.721 min Scan# 104
Delta R.T. 0.042 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

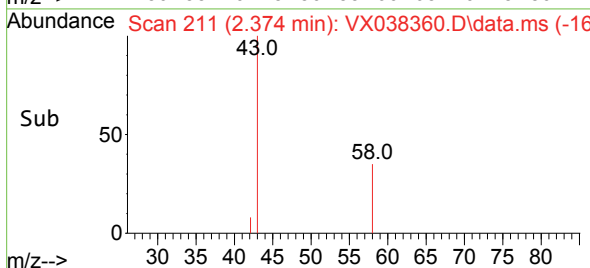
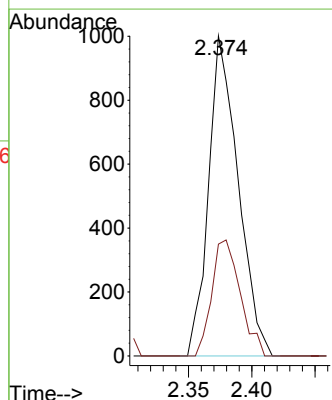
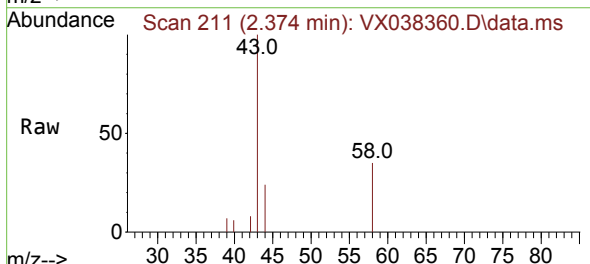
Instrument :
MSVOA_X
ClientSampleId :

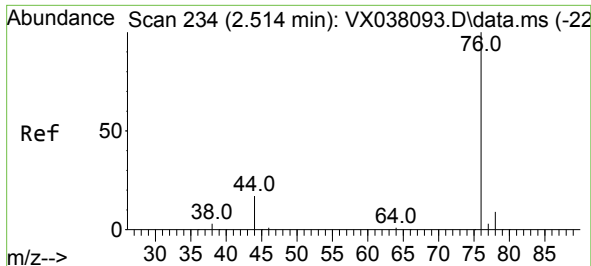
Tgt Ion: 64 Resp: 296
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 2.069 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

Tgt Ion: 43 Resp: 1628
Ion Ratio Lower Upper
43 100
58 35.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.295 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

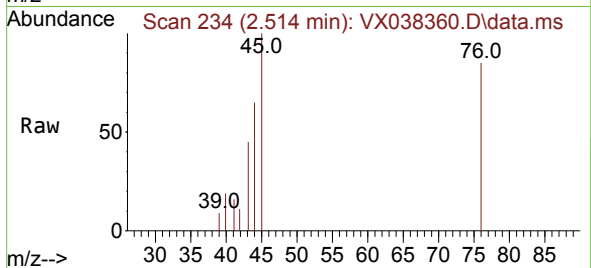
Lab File: VX038360.D

Acq: 18 Oct 2023 14:16

Instrument :

MSVOA_X

ClientSampleId :

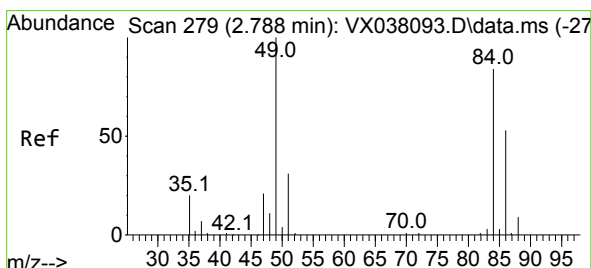
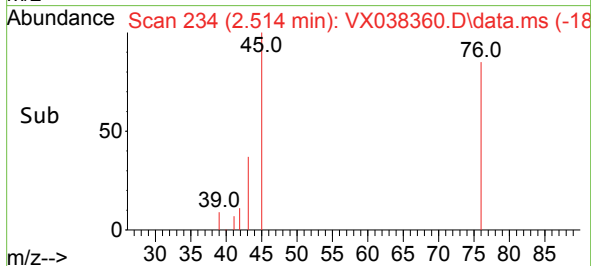
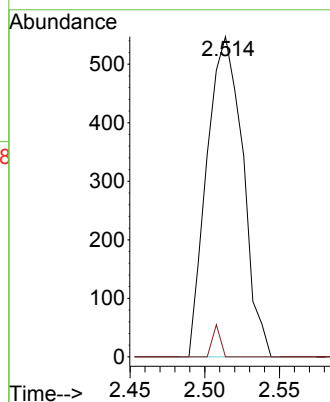


Tgt Ion: 76 Resp: 912

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.216 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038360.D

Acq: 18 Oct 2023 14:16

Tgt Ion: 84 Resp: 320

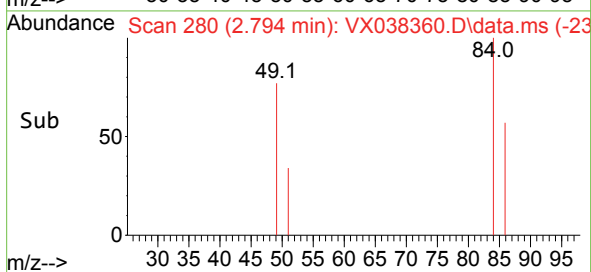
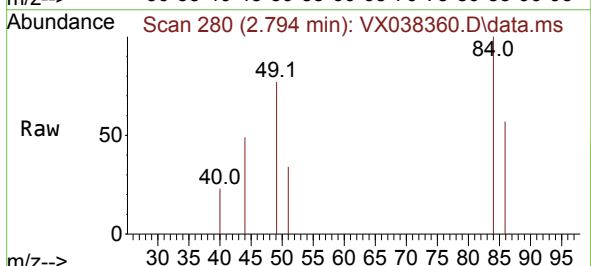
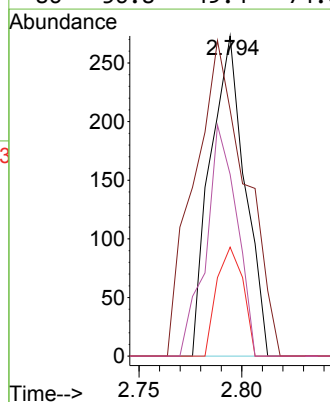
Ion Ratio Lower Upper

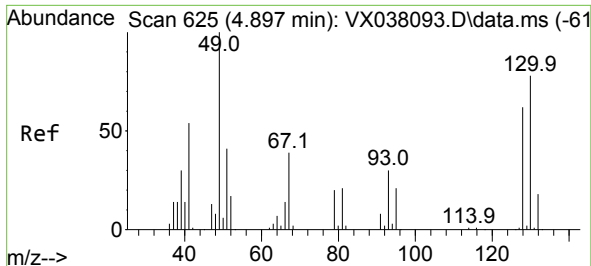
84 100

49 76.9 103.6 155.4#

51 34.1 33.8 50.6

86 56.8 49.4 74.0

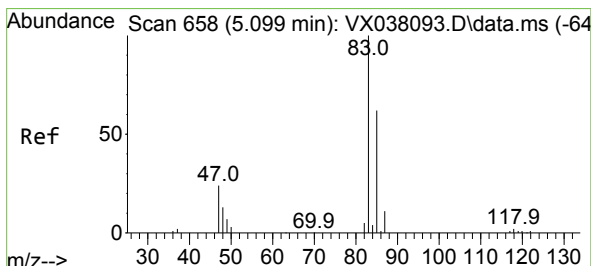
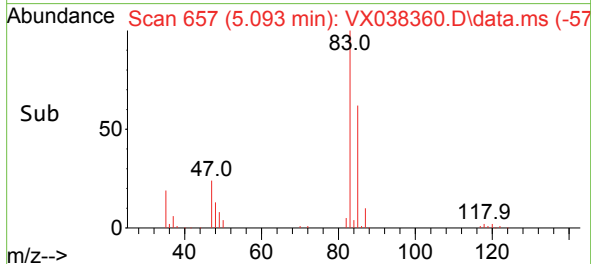
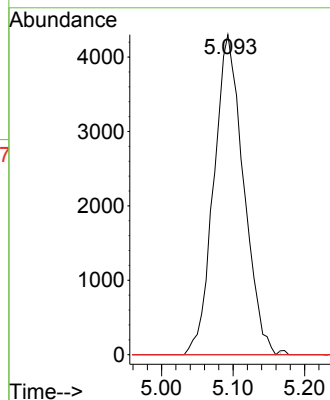
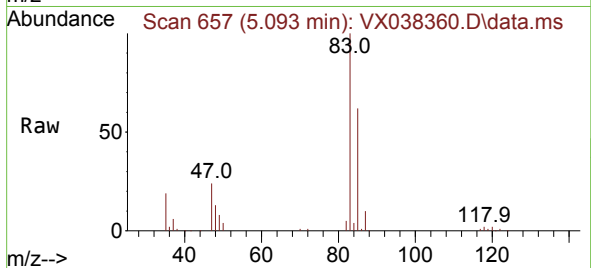




#28
Bromochloromethane
Concen: 11.284 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.196 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

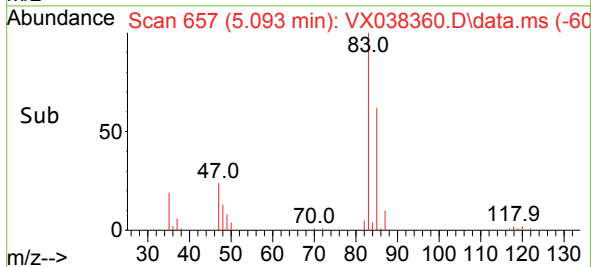
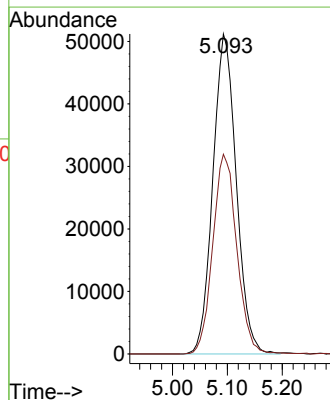
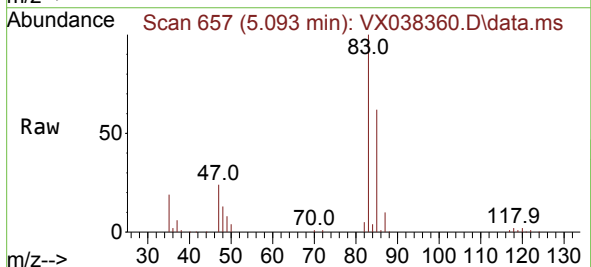
Instrument :
MSVOA_X
ClientSampleId :

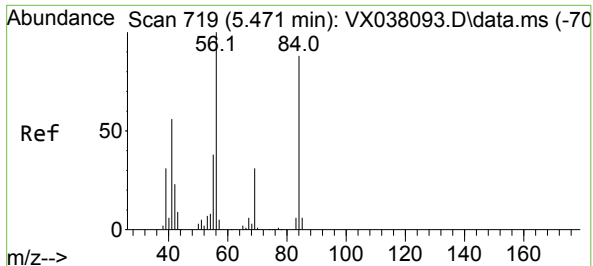
Tgt Ion: 49 Resp: 12429
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 56.872 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

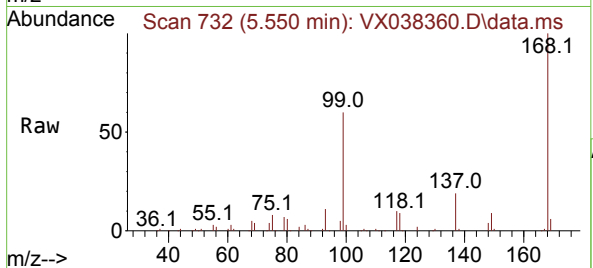
Tgt Ion: 83 Resp: 151738
Ion Ratio Lower Upper
83 100
85 62.4 50.3 75.5



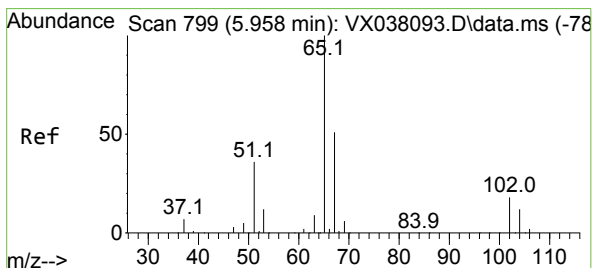
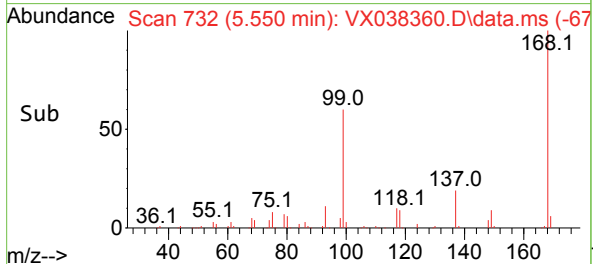
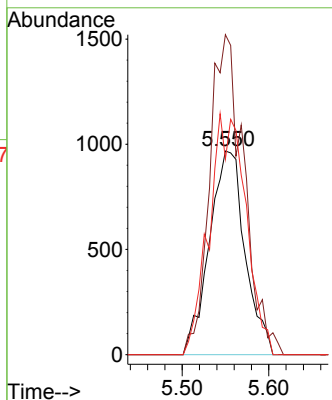


#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

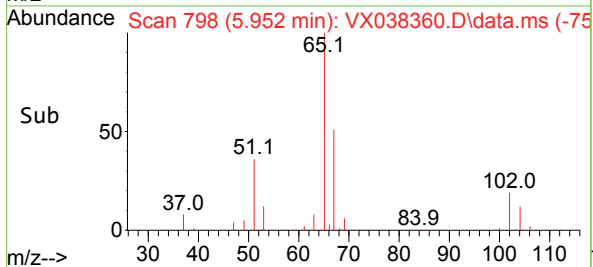
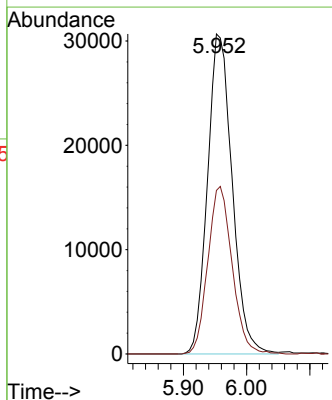
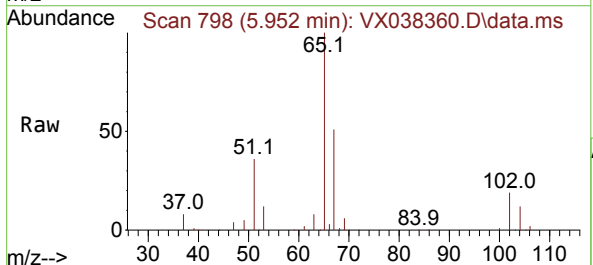


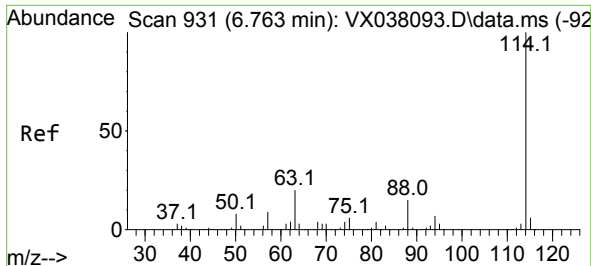
Tgt Ion: 56 Resp: 2767
Ion Ratio Lower Upper
56 100
69 157.1 23.4 35.2#
84 96.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 44.042 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

Tgt Ion: 65 Resp: 83037
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

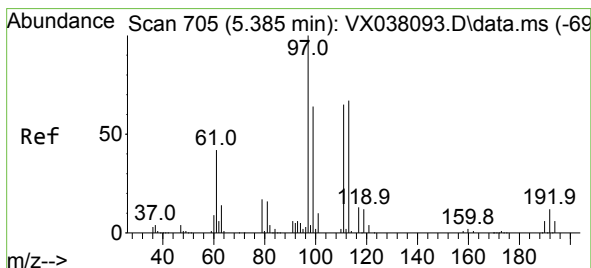
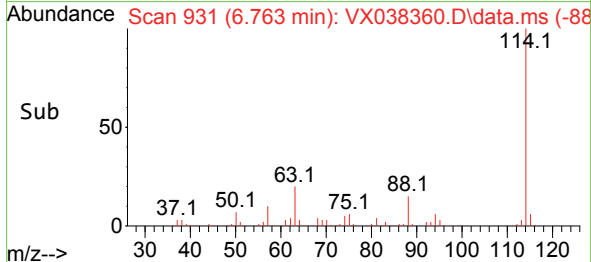
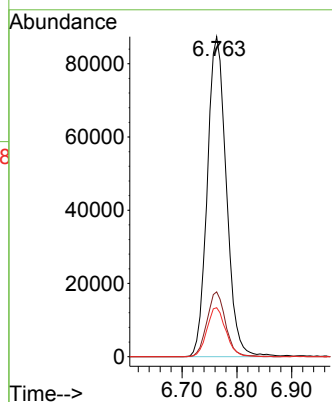
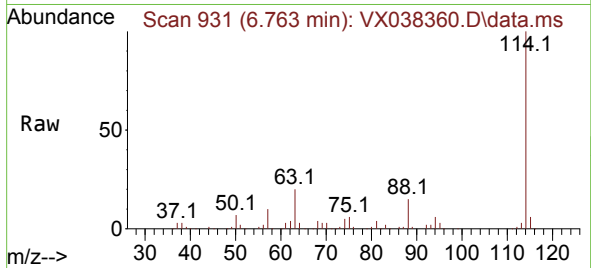




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

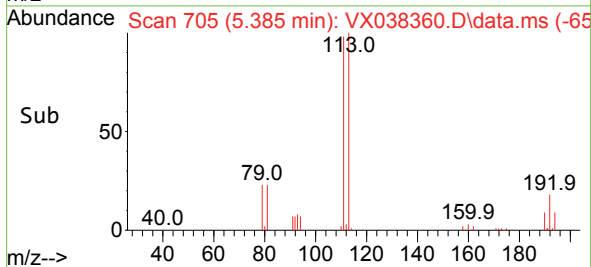
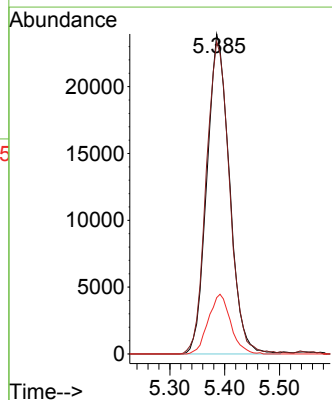
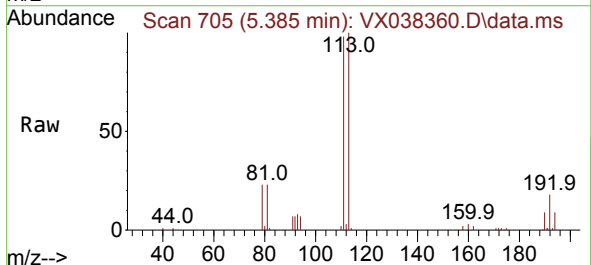
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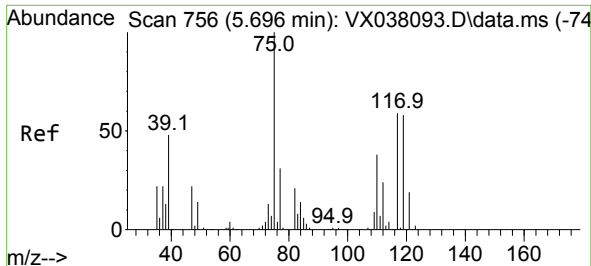
Tgt Ion:114 Resp: 210340
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.994 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

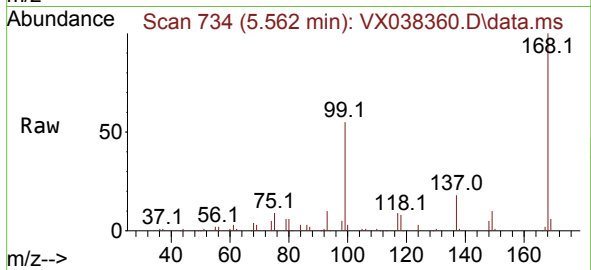
Tgt Ion:113 Resp: 68195
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.5 13.3 19.9



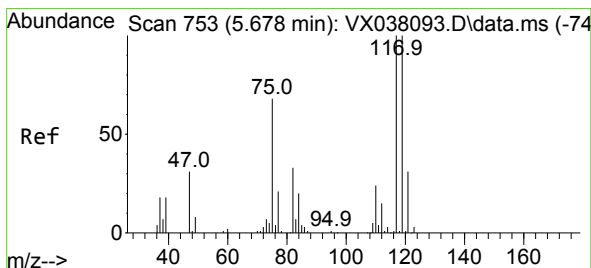
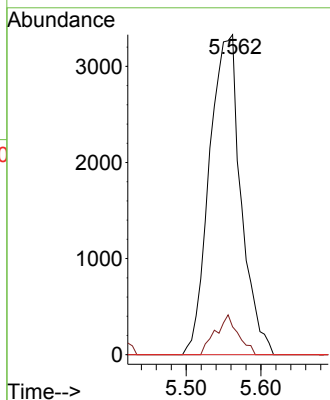
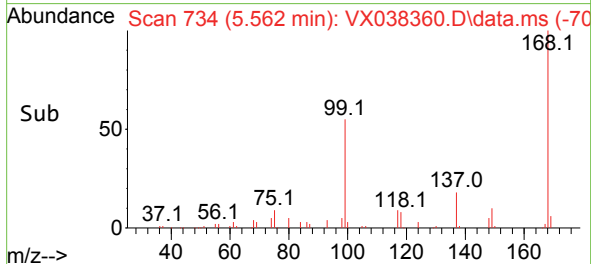


#36
1,1-Dichloropropene
Concen: 4.678 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

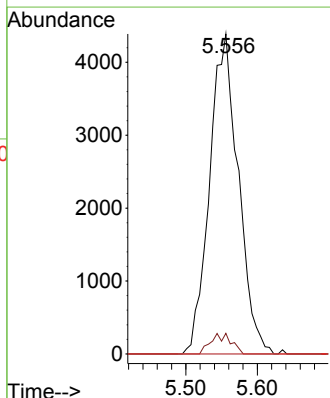
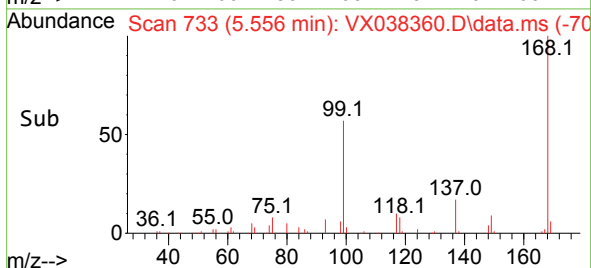
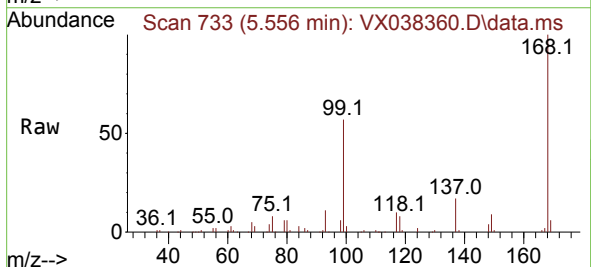


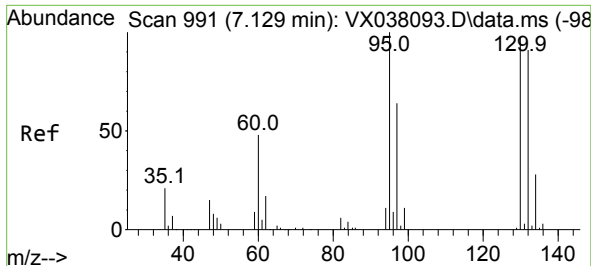
Tgt Ion: 75 Resp: 9777
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

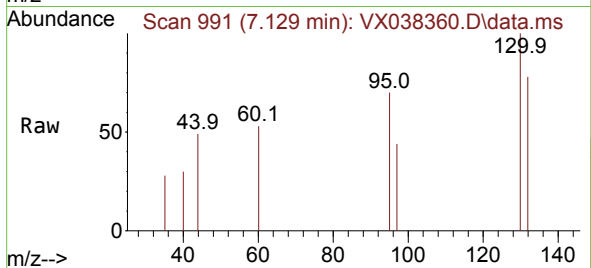
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Ion Ratio Lower Upper
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119 6.4 78.2 117.2#
121 0.0 24.4 36.6#



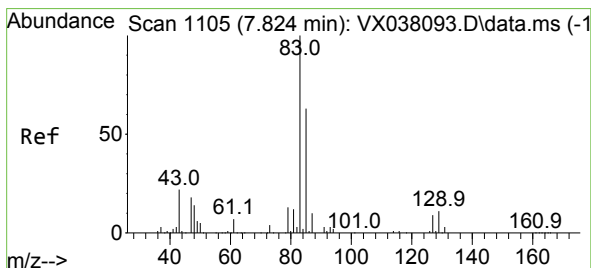
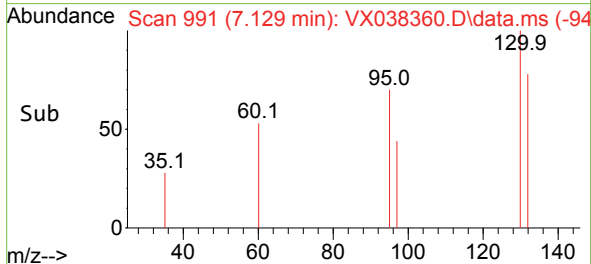
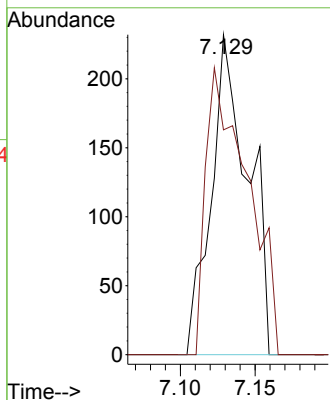


#44
Trichloroethene
Concen: 0.260 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

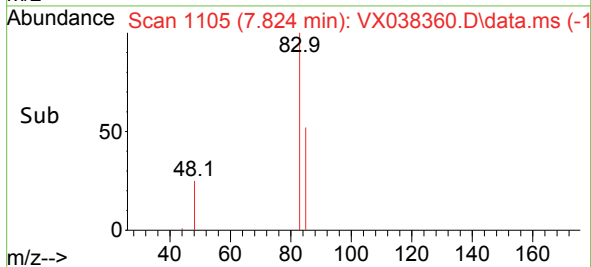
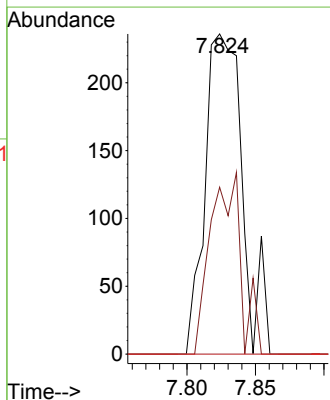
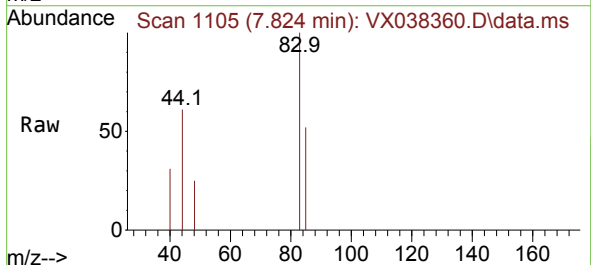


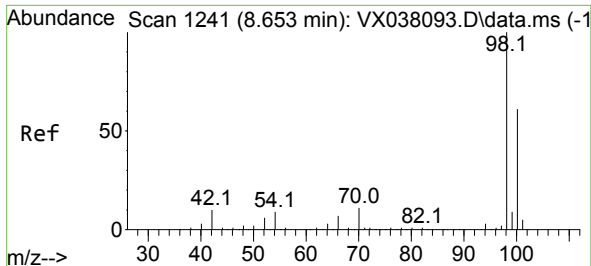
Tgt Ion:130 Resp: 397
Ion Ratio Lower Upper
130 100
95 70.3 0.0 204.4



#47
Bromodichloromethane
Concen: 0.214 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

Tgt Ion: 83 Resp: 447
Ion Ratio Lower Upper
83 100
85 52.1 49.8 74.6
127 0.0 7.1 10.7#

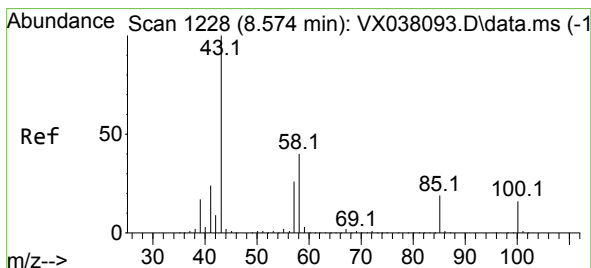
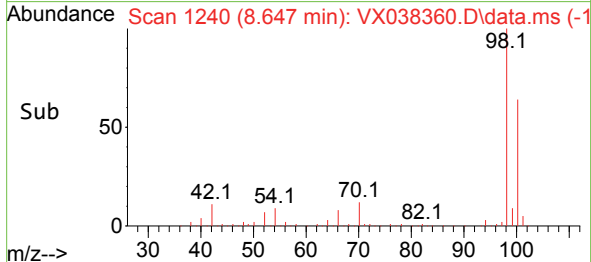
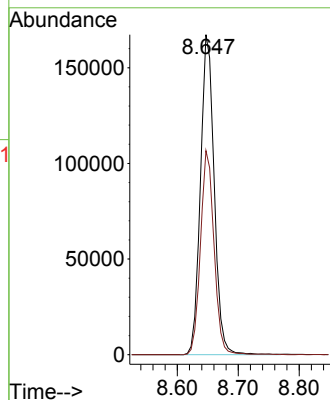
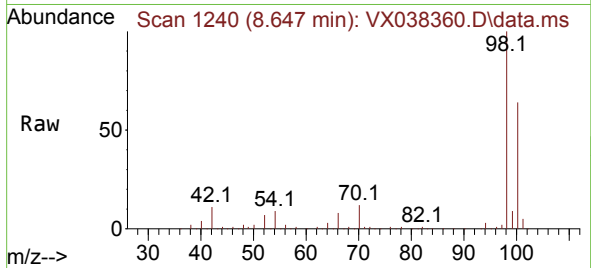




#50
Toluene-d8
Concen: 45.263 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

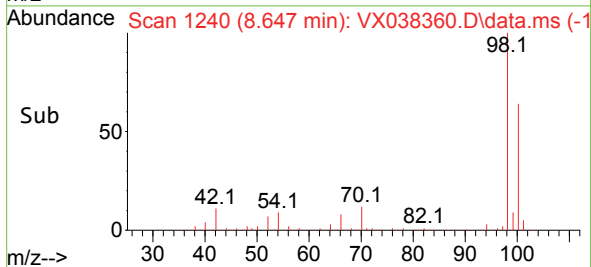
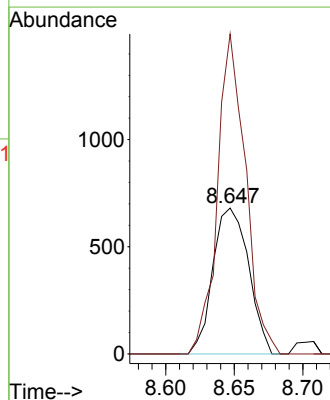
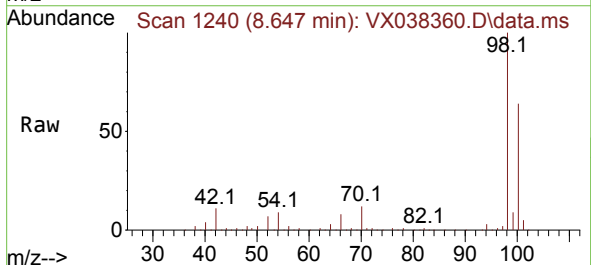
Instrument :
MSVOA_X
ClientSampleId :

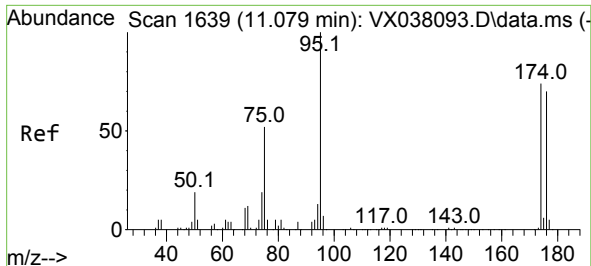
Tgt Ion: 98 Resp: 262146
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.483 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

Tgt Ion: 43 Resp: 1234
Ion Ratio Lower Upper
43 100
58 172.4 30.4 45.6#

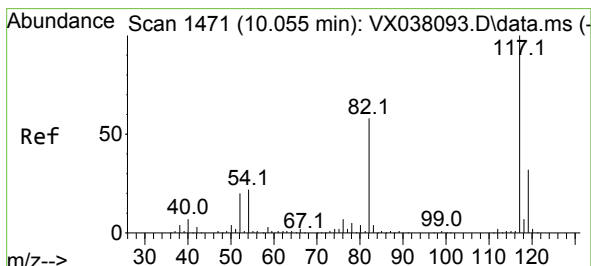
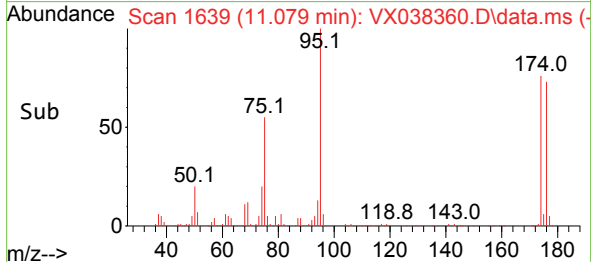
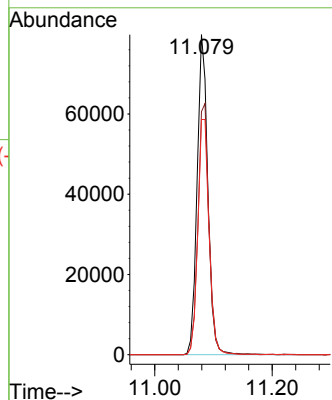
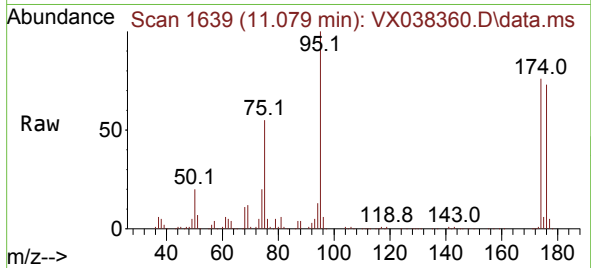




#62
4-Bromofluorobenzene
Concen: 45.952 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

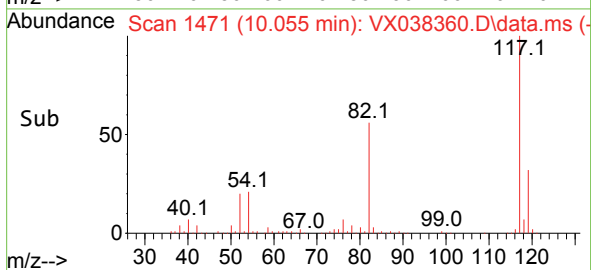
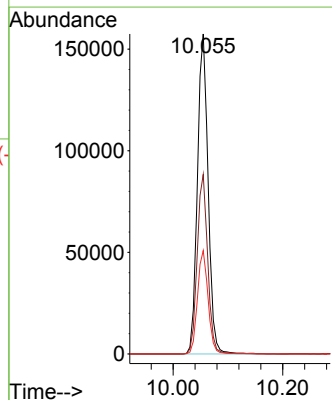
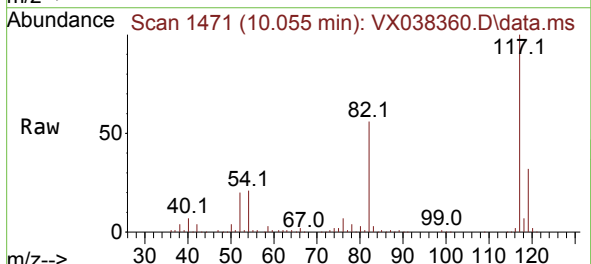
Instrument :
MSVOA_X
ClientSampleId :

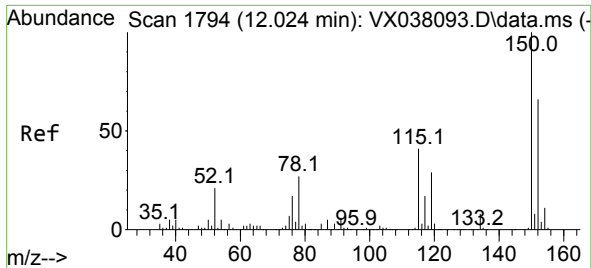
Tgt Ion: 95 Resp: 100894
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 77.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

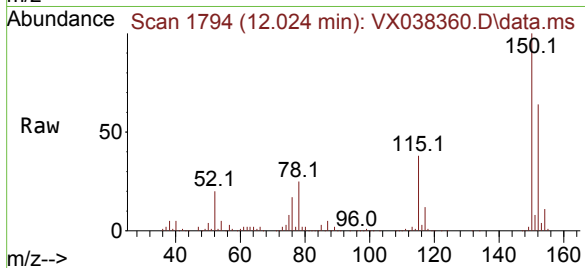
Tgt Ion: 117 Resp: 214697
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.3 25.5 38.3



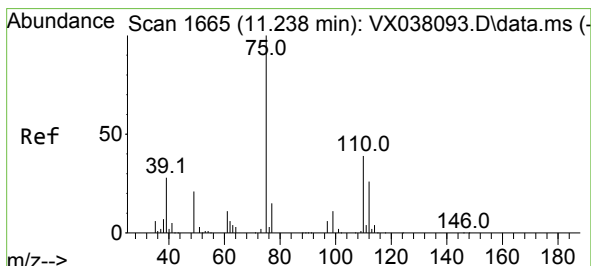
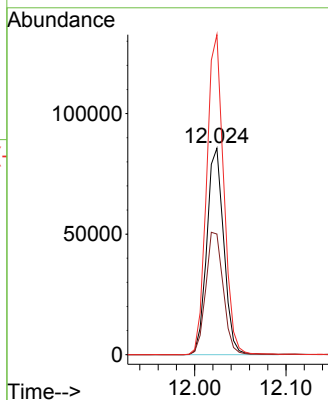
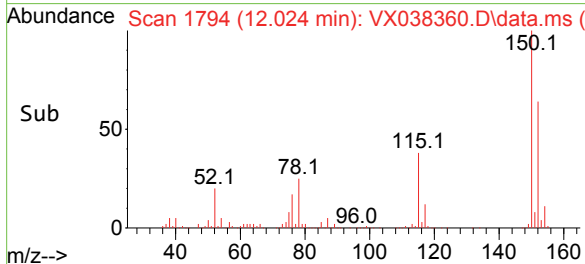


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038360.D
 Acq: 18 Oct 2023 14:16

Instrument :
 MSVOA_X
 ClientSampleId :

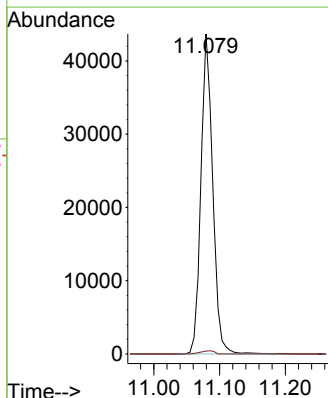
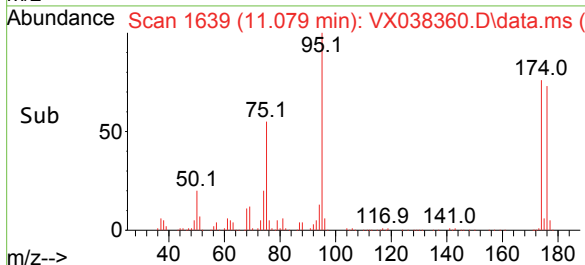
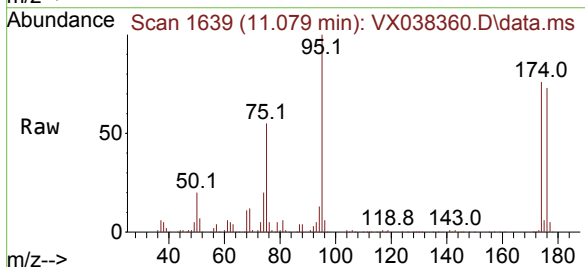


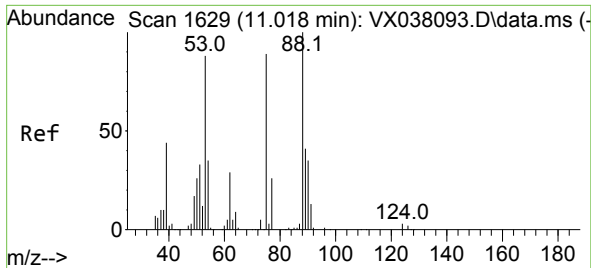
Tgt Ion:152 Resp: 110371
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.3 129.9
 150 155.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.717 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038360.D
 Acq: 18 Oct 2023 14:16

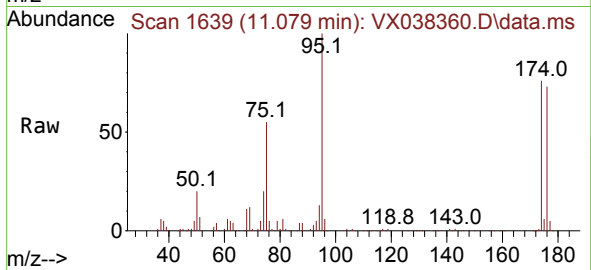
Tgt Ion: 75 Resp: 54492
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.331 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038360.D
Acq: 18 Oct 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 54492
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

