

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038217.D
 Acq On : 11 Oct 2023 10:27
 Operator : JC/MD
 Sample : VX1011WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:39:27 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)

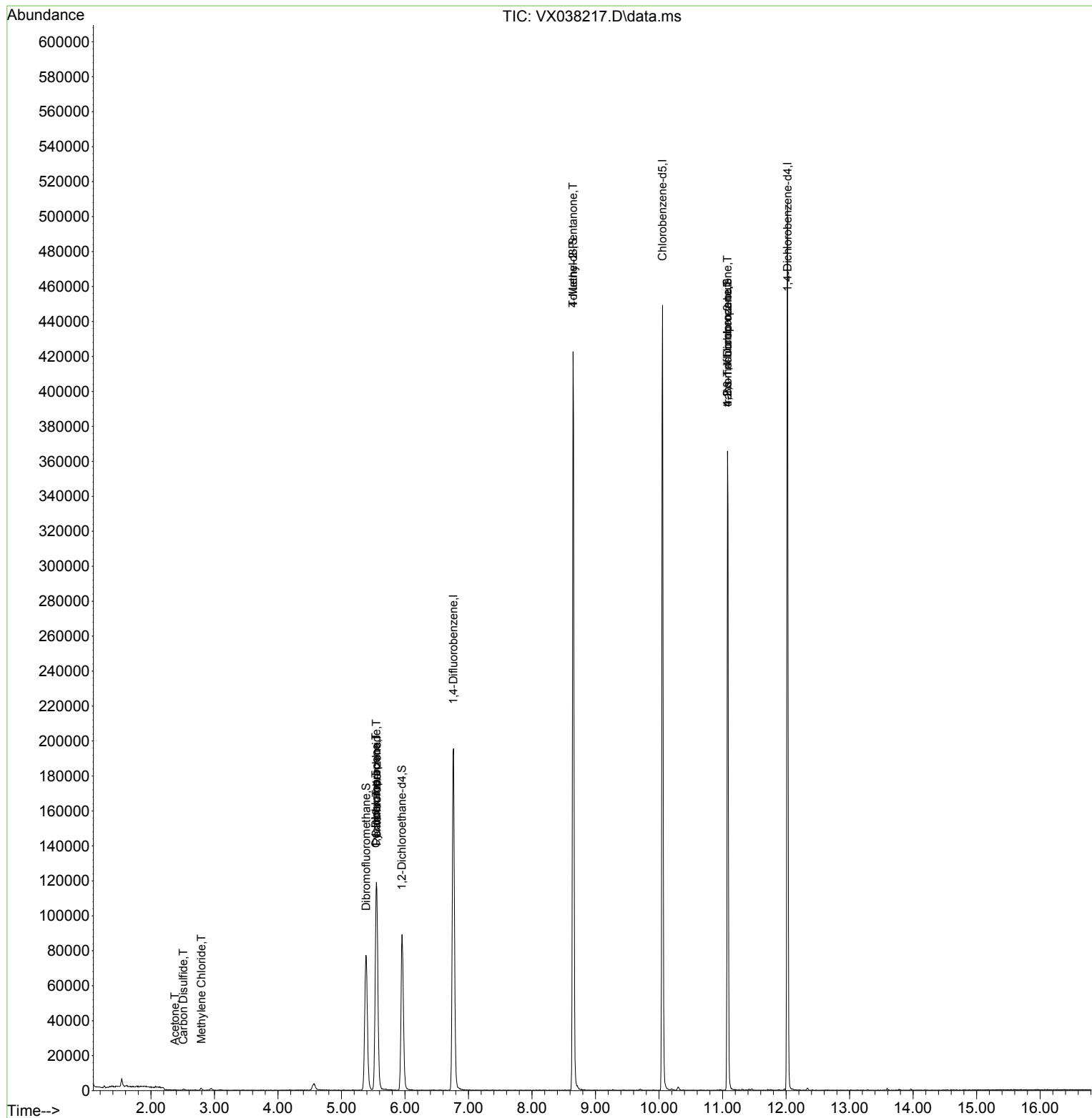
Internal Standards						
1) Pentafluorobenzene	5.556	168	112050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203270	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84367	46.812	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.620%
35) Dibromofluoromethane	5.385	113	66811	45.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.220%
50) Toluene-d8	8.647	98	248523	44.403	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.800%#
62) 4-Bromofluorobenzene	11.079	95	94083	44.340	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	67	Below Cal	#	3
6) Chloroethane	1.691	64	94	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	691	Below Cal	#	78
16) Acetone	2.380	43	376	0.500	ug/l #	47
17) Carbon Disulfide	2.508	76	701	0.237	ug/l #	76
20) Methylene Chloride	2.794	84	497	0.351	ug/l #	95
31) Cyclohexane	5.544	56	3043	1.558	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	9906	4.904	ug/l #	46
38) Carbon Tetrachloride	5.550	117	11506	5.791	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1193	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51681	21.942	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51681	62.935	ug/l #	5

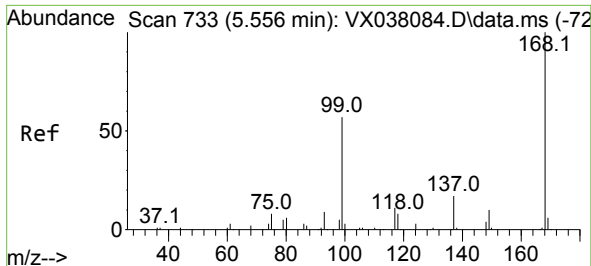
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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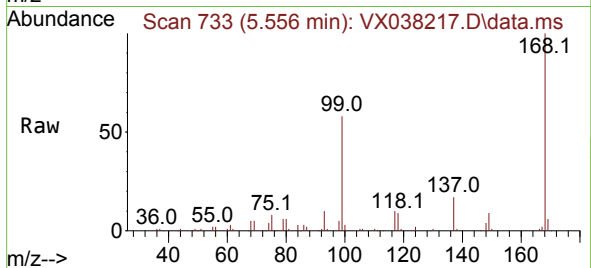
Quant Time: Oct 12 02:39:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



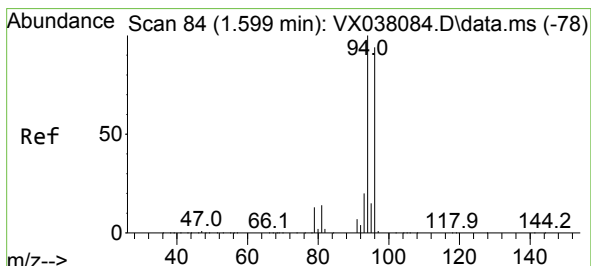
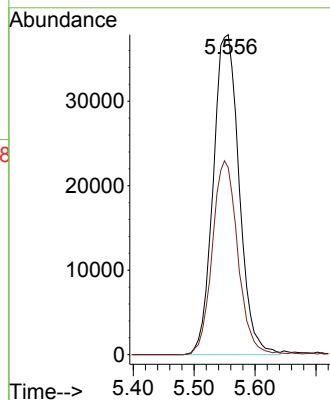
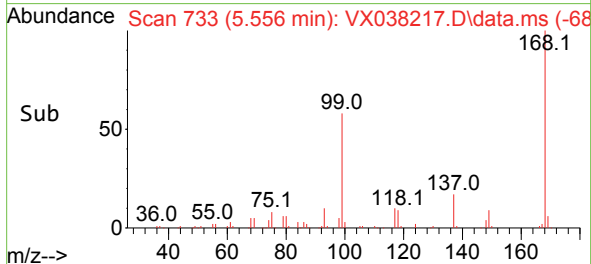


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :

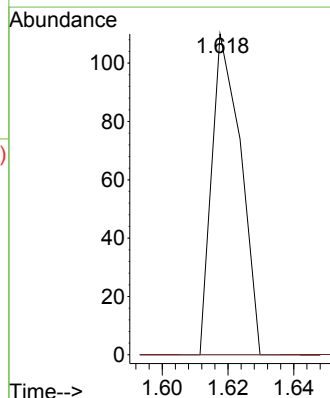
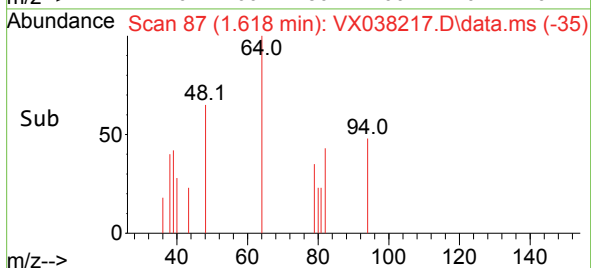
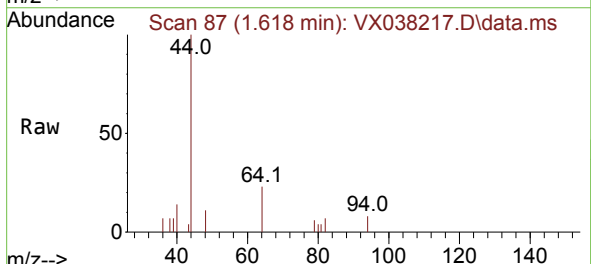


Tgt Ion:168 Resp: 112050
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

Tgt Ion: 94 Resp: 67
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

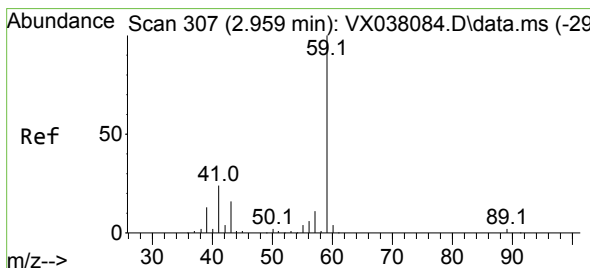
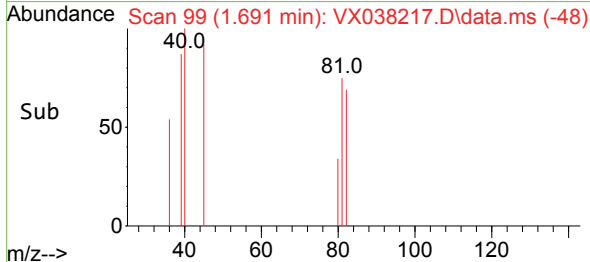
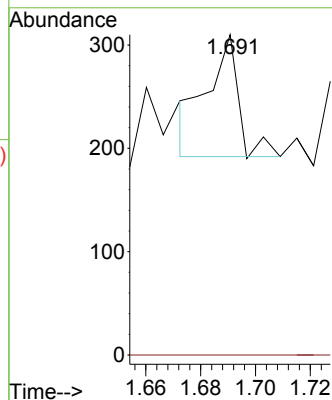
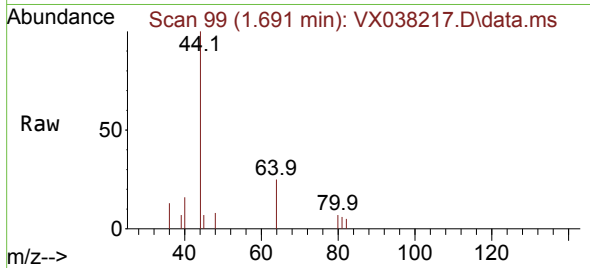




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 94
Delta R.T. 0.012 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

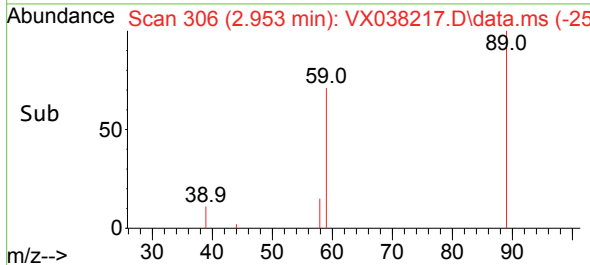
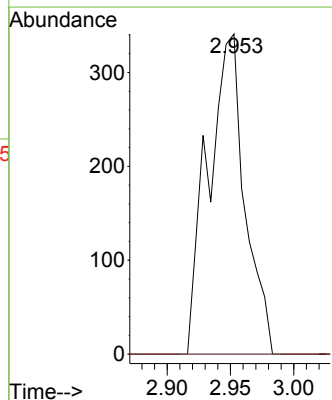
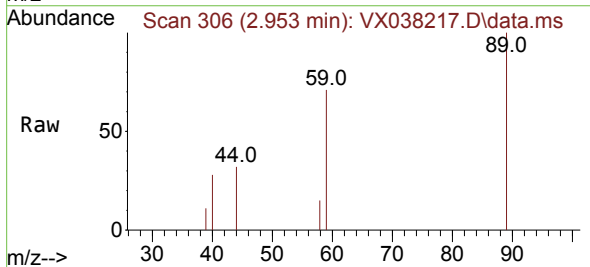
Instrument :
MSVOA_X
ClientSampleId :

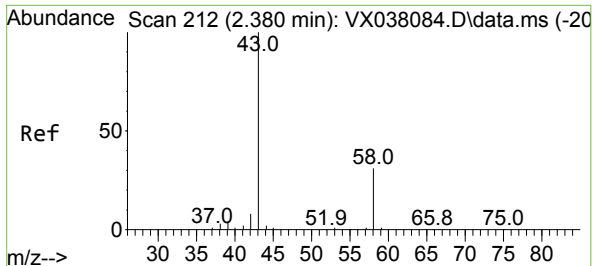
Tgt Ion: 64 Resp: 94
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

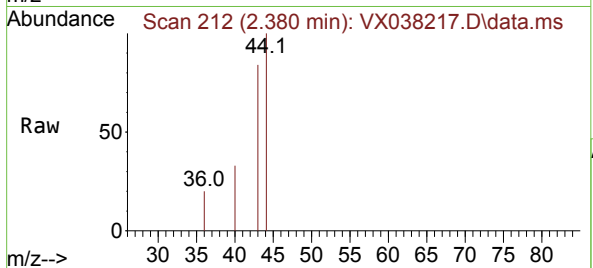
Tgt Ion: 59 Resp: 691
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



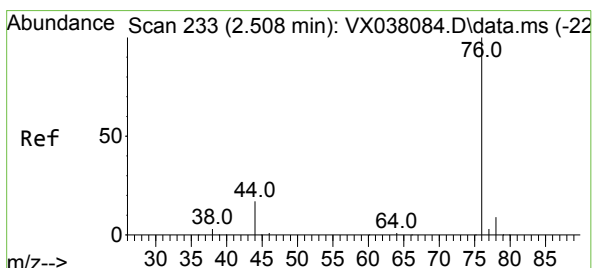
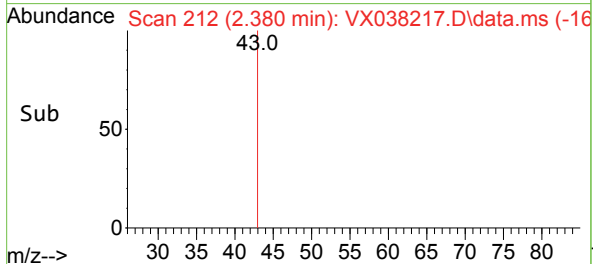
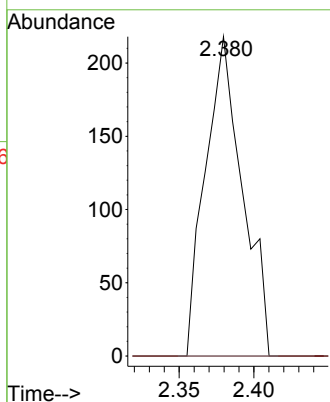


#16
Acetone
Concen: 0.500 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :

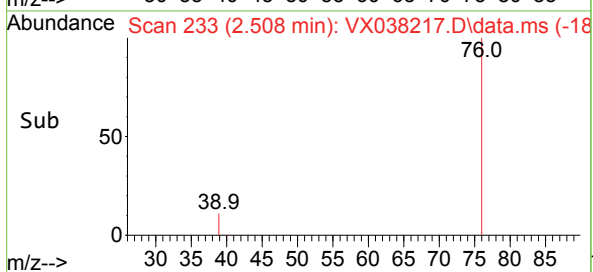
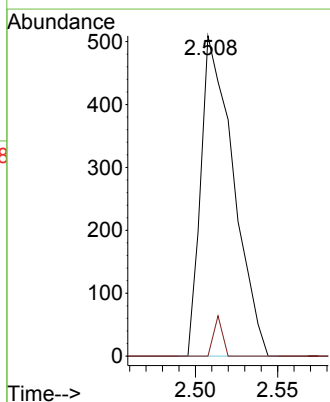
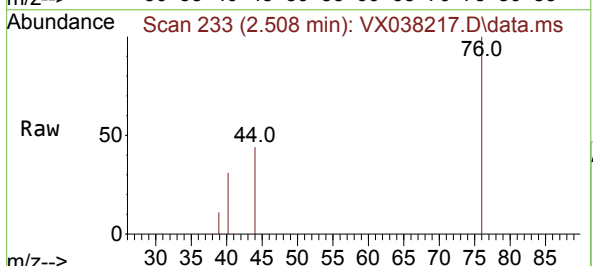


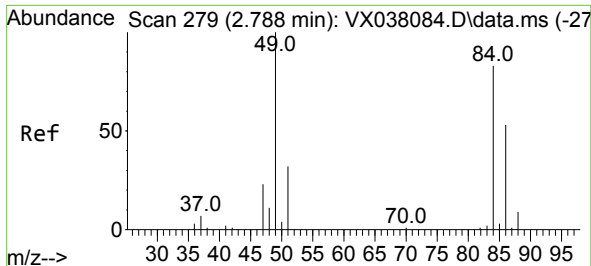
Tgt Ion: 43 Resp: 376
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.237 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

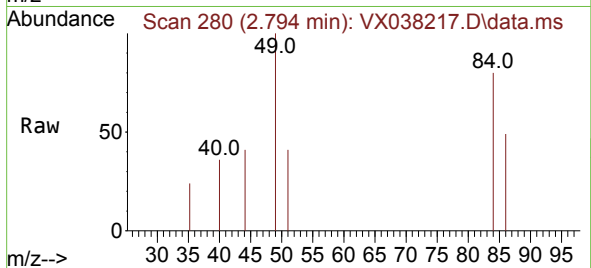
Tgt Ion: 76 Resp: 701
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





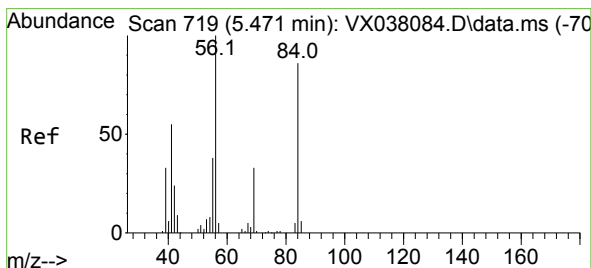
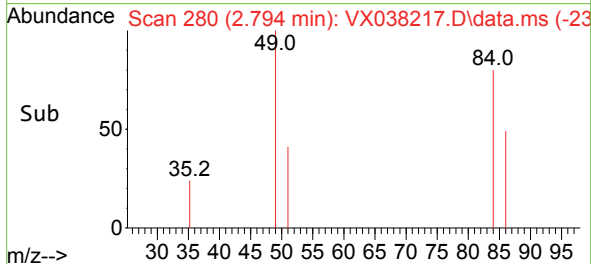
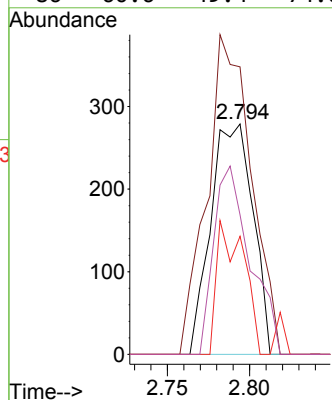
#20
Methylene Chloride
Concen: 0.351 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 497

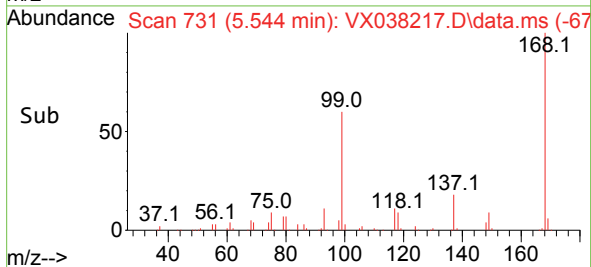
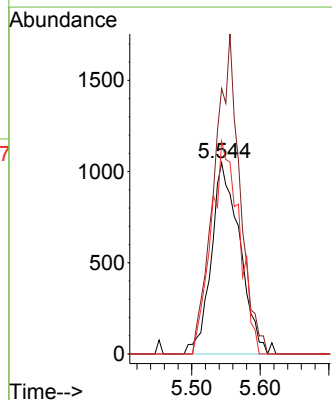
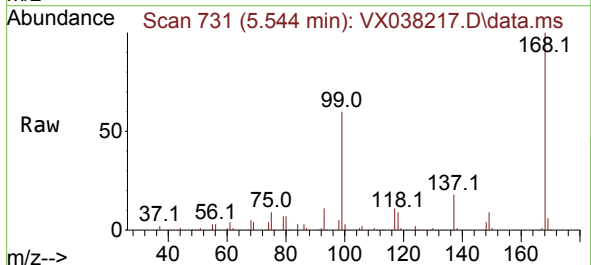
Ion	Ratio	Lower	Upper
84	100		
49	124.7	103.6	155.4
51	51.3	33.8	50.6#
86	60.6	49.4	74.0

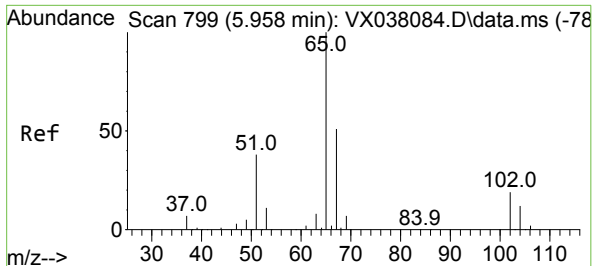


#31
Cyclohexane
Concen: 1.558 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

Tgt Ion: 56 Resp: 3043

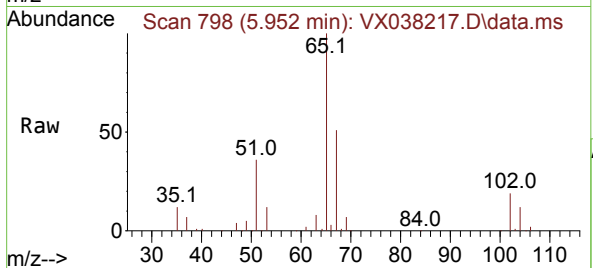
Ion	Ratio	Lower	Upper
56	100		
69	138.8	23.4	35.2#
84	111.2	65.9	98.9#



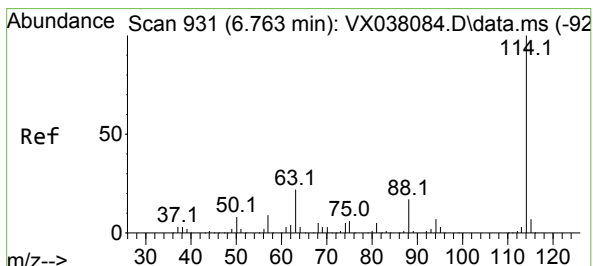
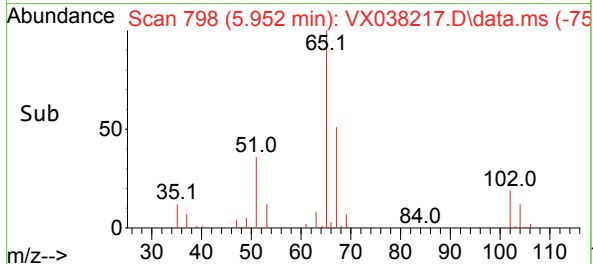
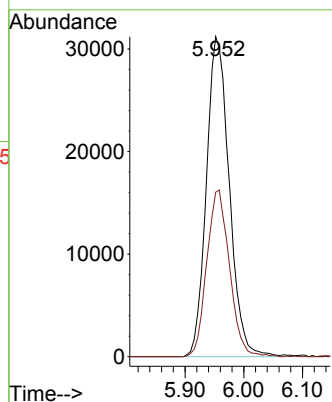


#33
 1,2-Dichloroethane-d4
 Concen: 46.812 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038217.D
 Acq: 11 Oct 2023 10:27

Instrument :
 MSVOA_X
 ClientSampleId :

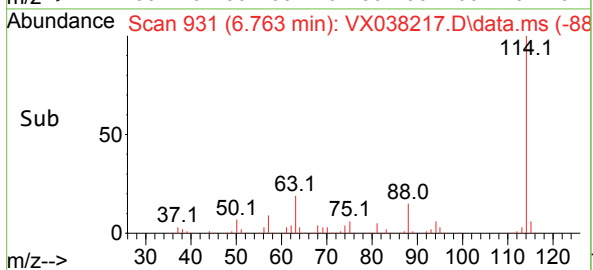
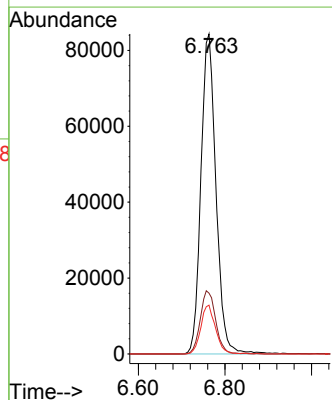
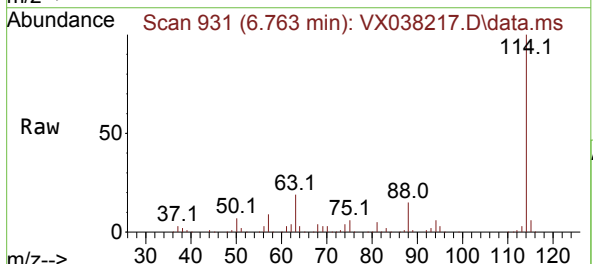


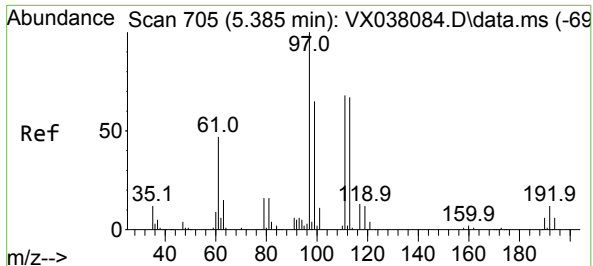
Tgt Ion: 65 Resp: 84367
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038217.D
 Acq: 11 Oct 2023 10:27

Tgt Ion: 114 Resp: 203270
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 45.0
 88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.615 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

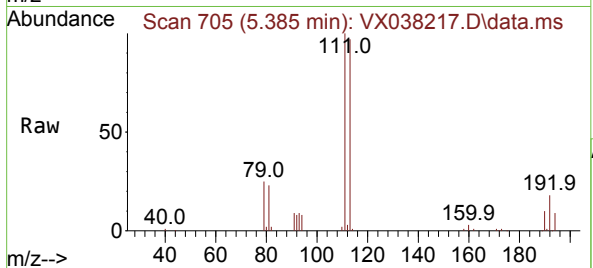
Lab File: VX038217.D

Acq: 11 Oct 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :



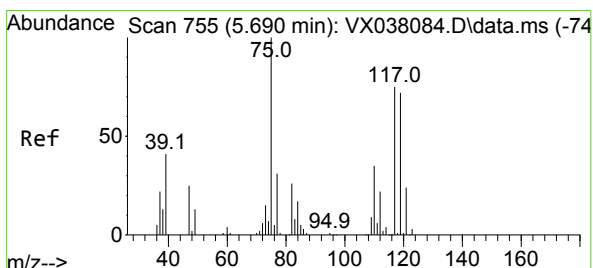
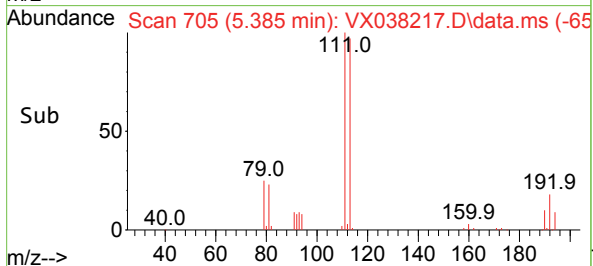
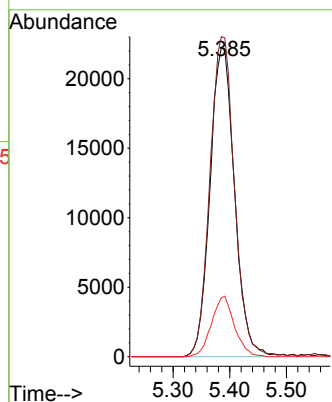
Tgt Ion:113 Resp: 66811

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 18.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.904 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX038217.D

Acq: 11 Oct 2023 10:27

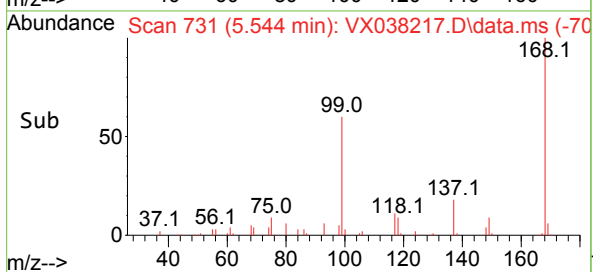
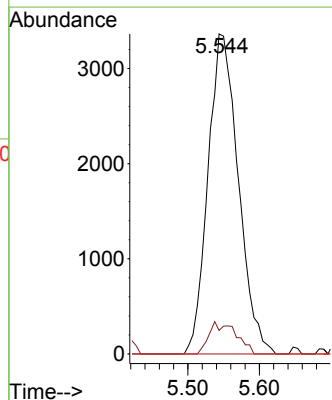
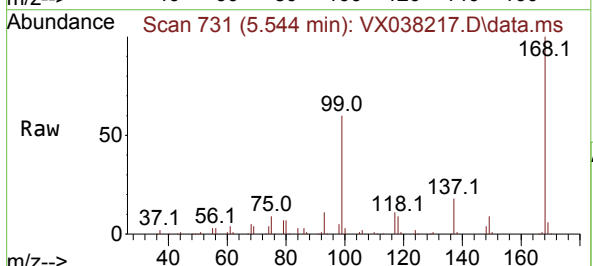
Tgt Ion: 75 Resp: 9906

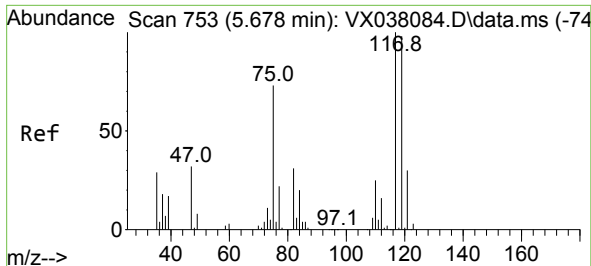
Ion Ratio Lower Upper

75 100

110 3.7 17.0 50.9#

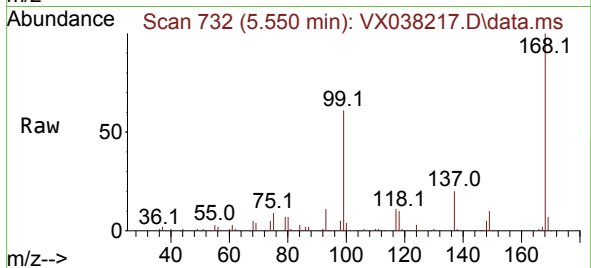
77 0.0 24.7 37.1#



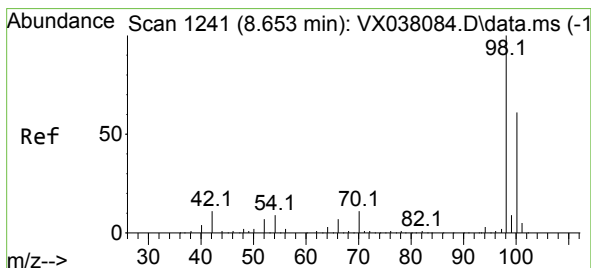
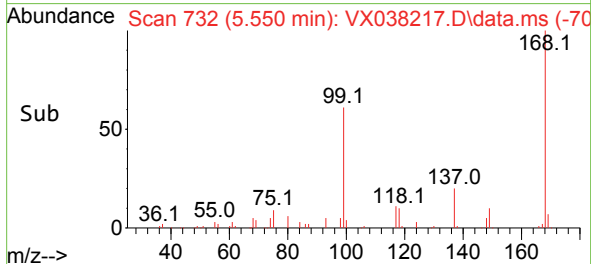
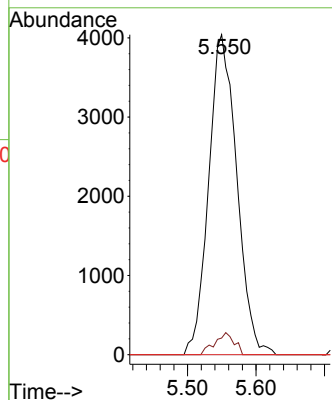


#38
Carbon Tetrachloride
Concen: 5.791 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :

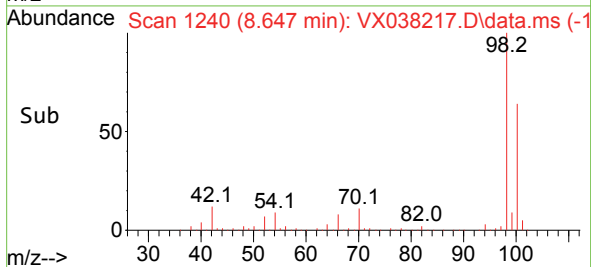
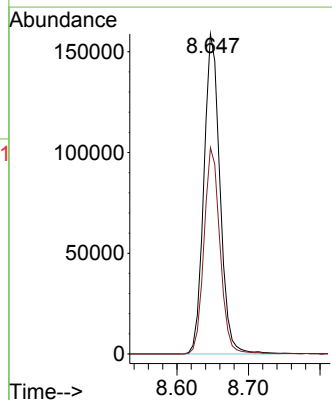
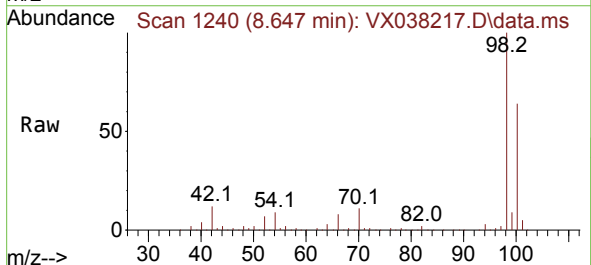


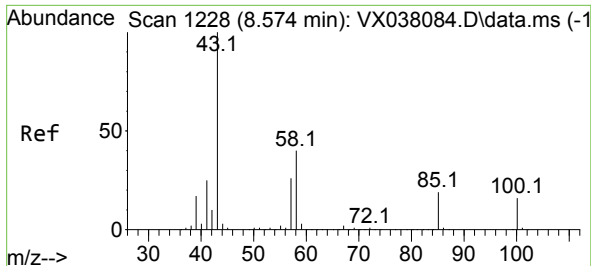
Tgt Ion:117 Resp: 11506
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.403 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

Tgt Ion: 98 Resp: 248523
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

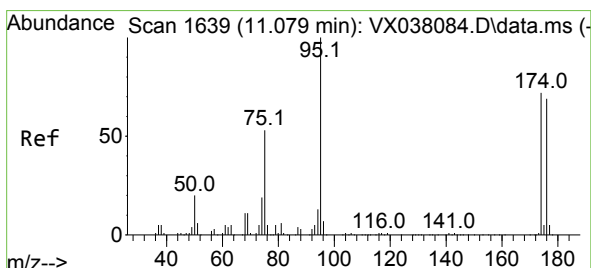
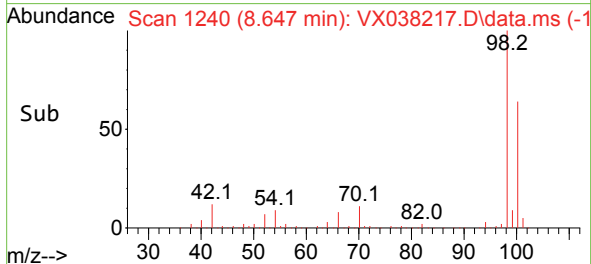
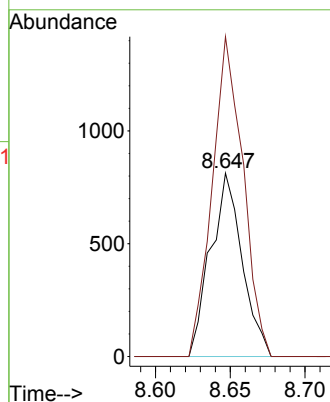
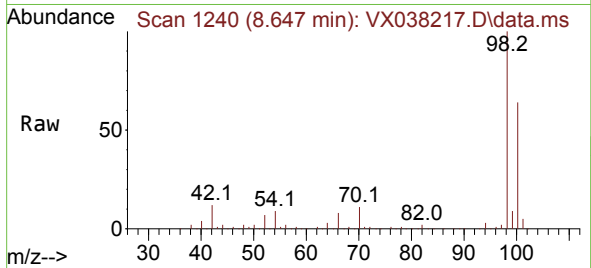




#51
4-Methyl-2-Pentanone
Concen: 0.483 ug/l
RT: 8.647 min Scan# 1193
Delta R.T. 0.073 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

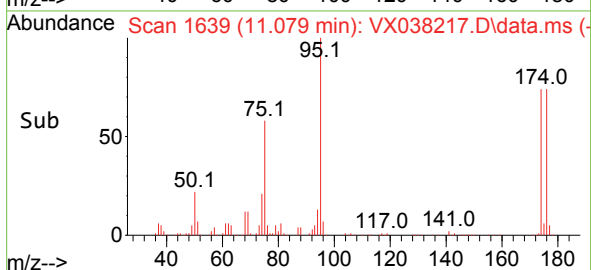
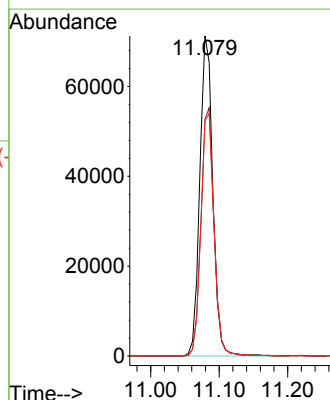
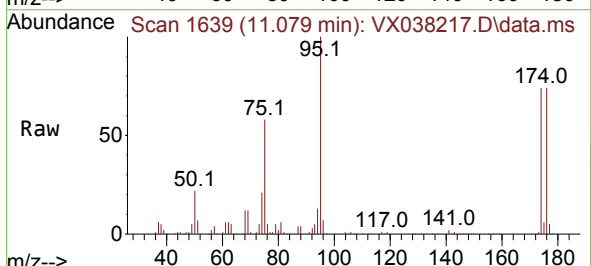
Instrument :
MSVOA_X
ClientSampleId :

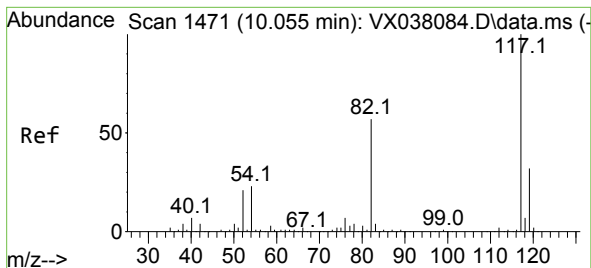
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 170.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

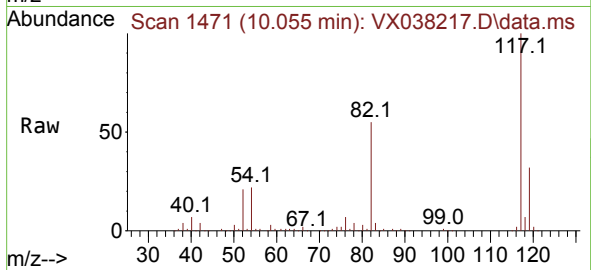
Tgt Ion: 95 Resp: 94083
Ion Ratio Lower Upper
95 100
174 78.3 0.0 135.6
176 76.2 0.0 131.0



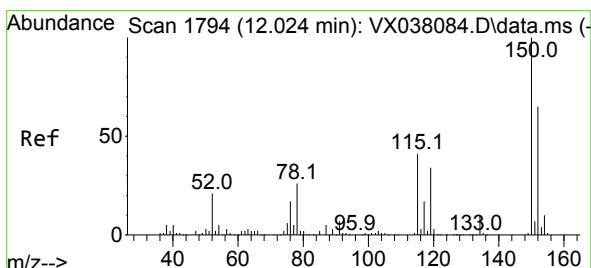
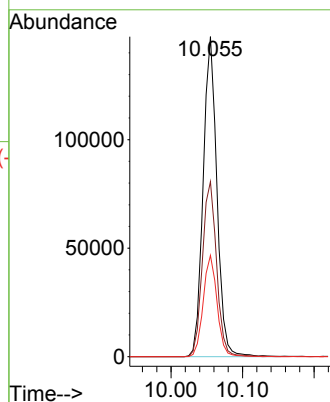
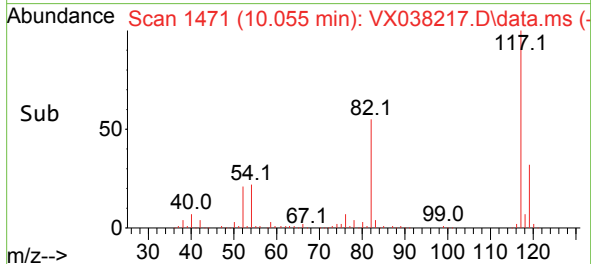


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27

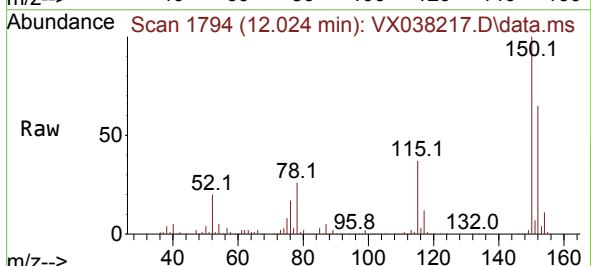
Instrument :
MSVOA_X
ClientSampleId :



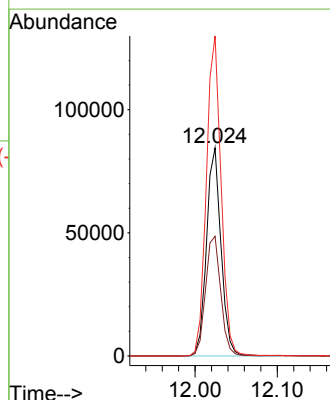
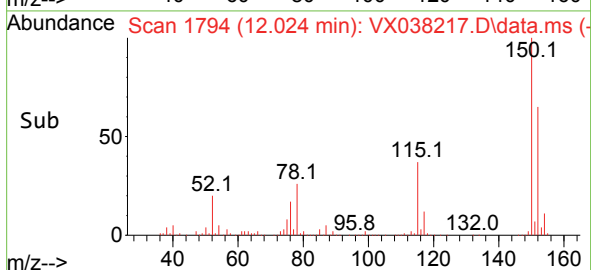
Tgt Ion:117 Resp: 197300
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.7 25.5 38.3

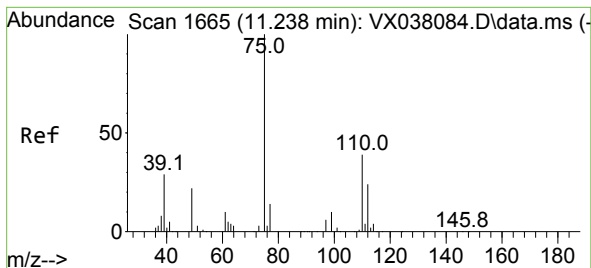


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038217.D
Acq: 11 Oct 2023 10:27



Tgt Ion:152 Resp: 103604
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.942 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038217.D

Acq: 11 Oct 2023 10:27

Instrument :

MSVOA_X

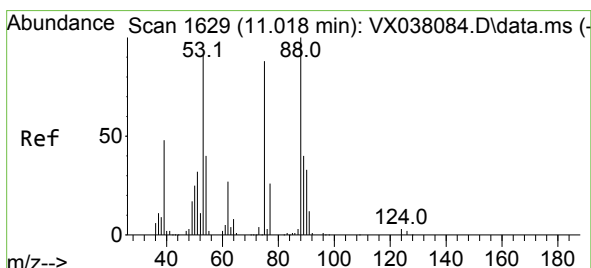
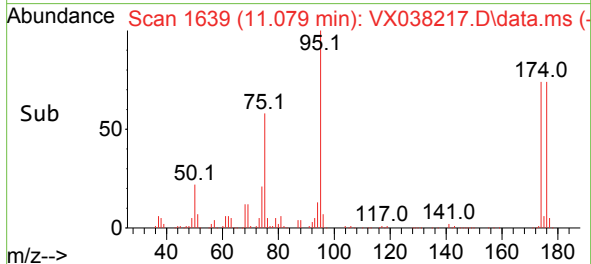
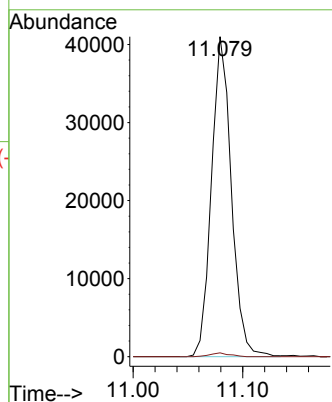
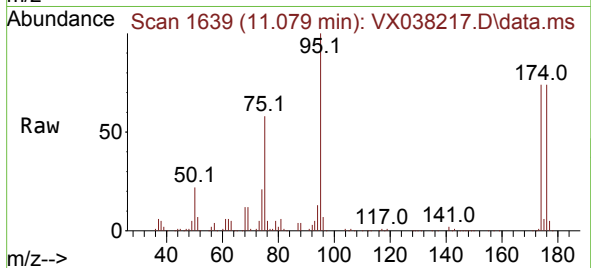
ClientSampleId :

Tgt Ion: 75 Resp: 51681

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.935 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038217.D

Acq: 11 Oct 2023 10:27

Tgt Ion: 75 Resp: 51681

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

