

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038240.D
 Acq On : 11 Oct 2023 19:24
 Operator : JC/MD
 Sample : 04788-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:50:05 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	100781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96203	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74998	46.267	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.540%
35) Dibromofluoromethane	5.391	113	60270	46.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.647	98	229827	46.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	86837	45.880	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.760%

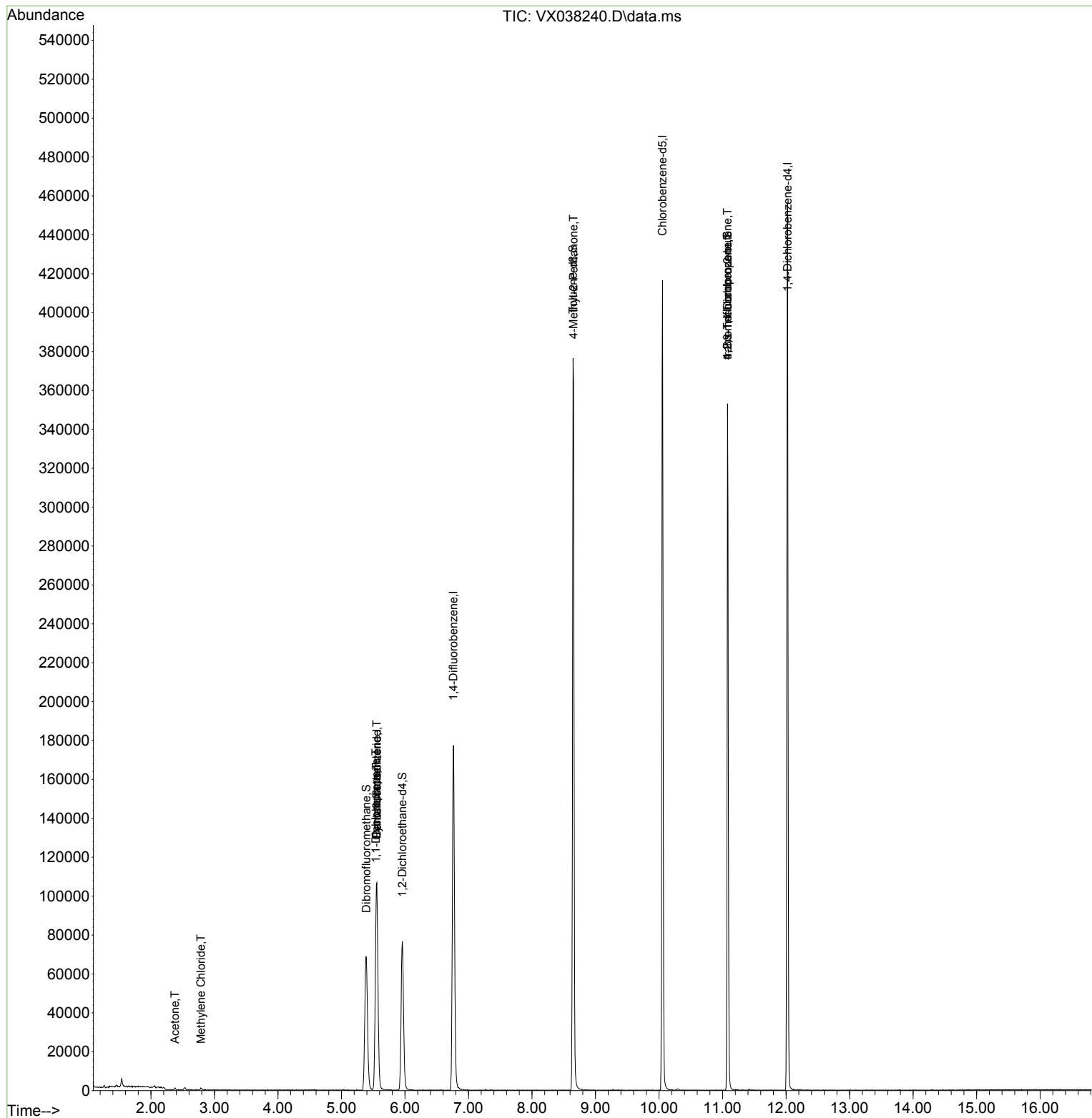
Target Compounds					Qvalue	
5) Bromomethane	1.538	94	60	Below Cal	#	3
6) Chloroethane	1.691	64	56	Below Cal	#	43
16) Acetone	2.380	43	818	1.209	ug/l #	84
20) Methylene Chloride	2.788	84	471	0.370	ug/l #	70
31) Cyclohexane	5.550	56	2418	1.377	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	8731	4.846	ug/l #	51
38) Carbon Tetrachloride	5.556	117	9999	5.642	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1000	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48246	22.060	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	48246	63.251	ug/l #	5

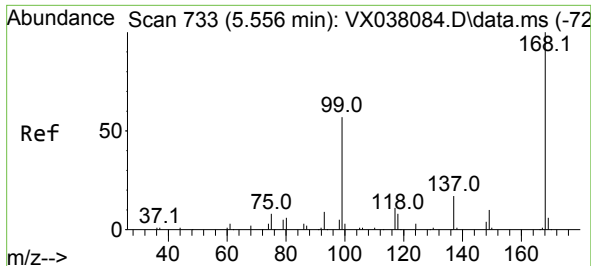
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
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Instrument :
MSVOA_X
ClientSampleId :

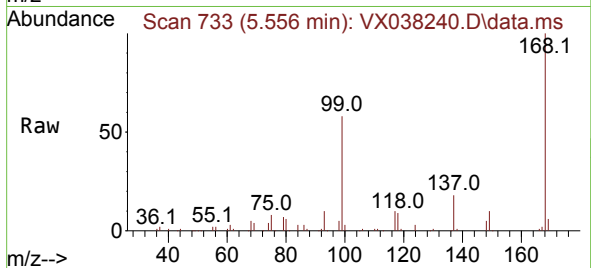
Quant Time: Oct 12 02:50:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



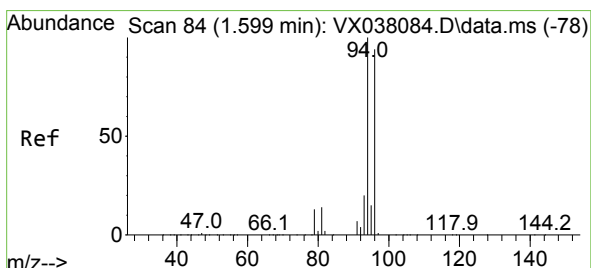
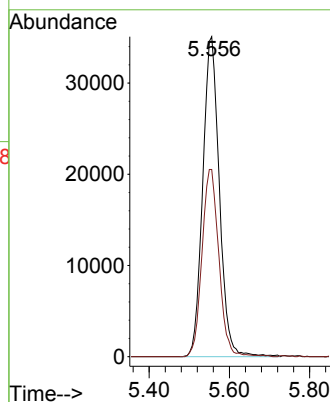
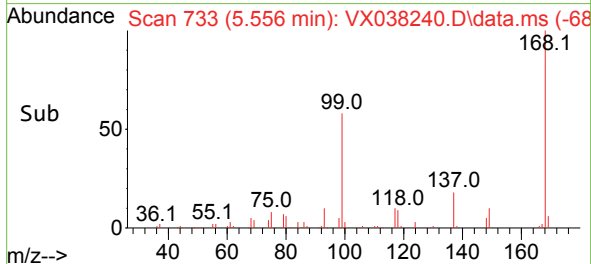


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

Instrument :
MSVOA_X
ClientSampleId :

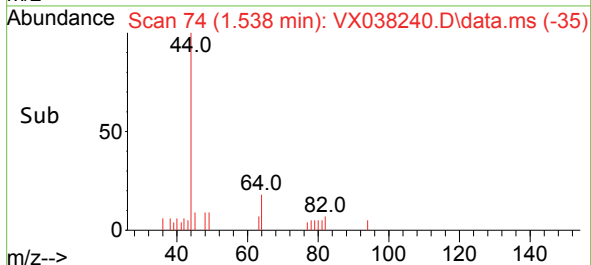
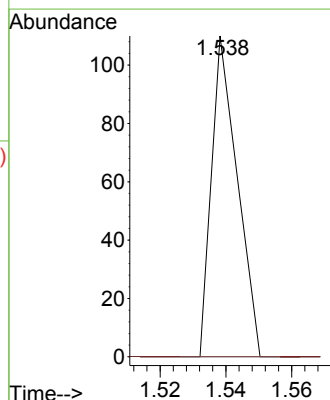
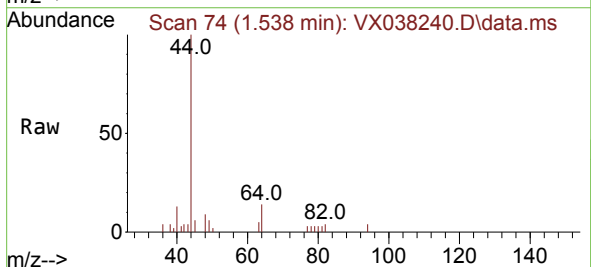


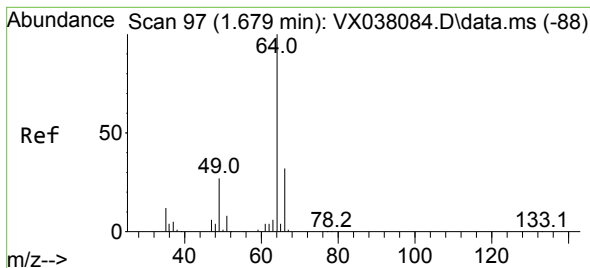
Tgt Ion:168 Resp: 100781
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

Tgt Ion: 94 Resp: 60
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 91

Delta R.T. 0.012 min

Lab File: VX038240.D

Acq: 11 Oct 2023 19:24

Instrument :

MSVOA_X

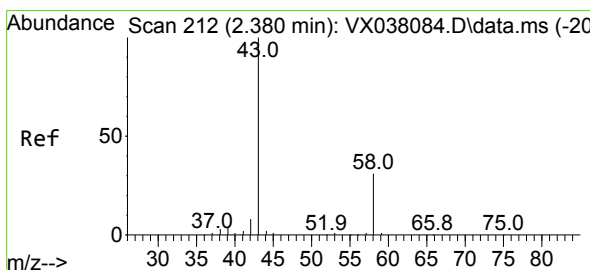
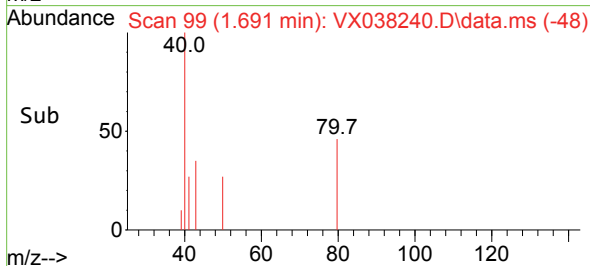
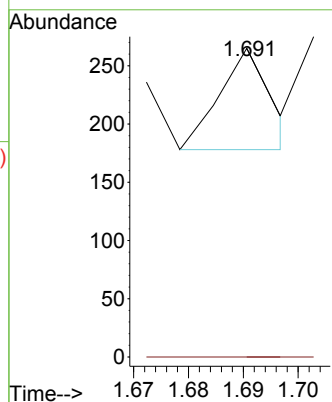
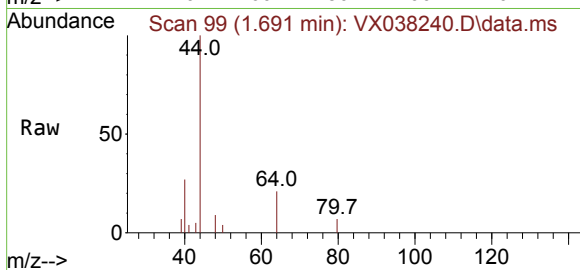
ClientSampleId :

Tgt Ion: 64 Resp: 56

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#16

Acetone

Concen: 1.209 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038240.D

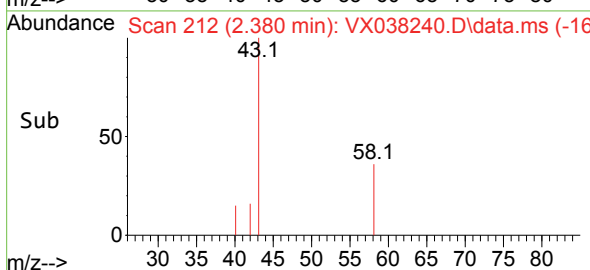
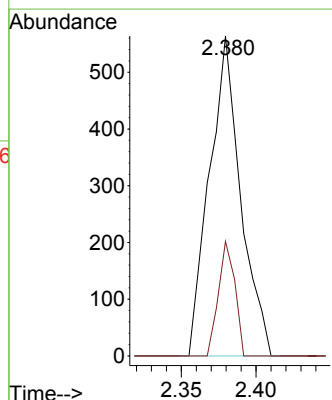
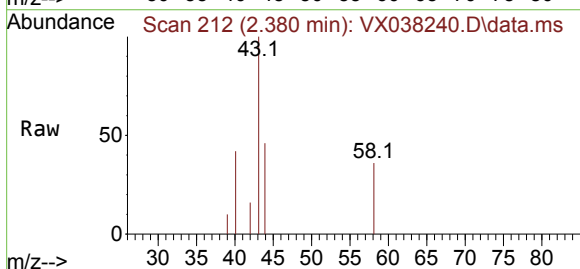
Acq: 11 Oct 2023 19:24

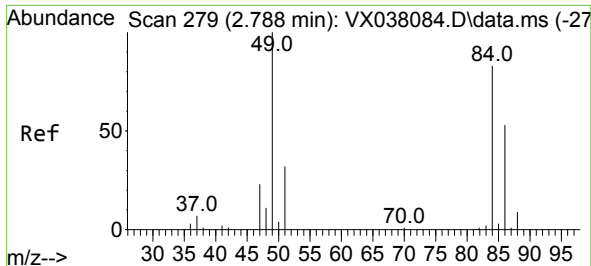
Tgt Ion: 43 Resp: 818

Ion Ratio Lower Upper

43 100

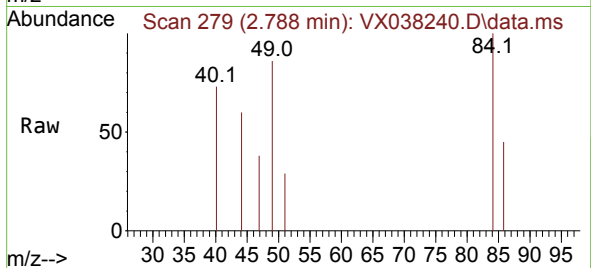
58 35.8 21.9 32.9#





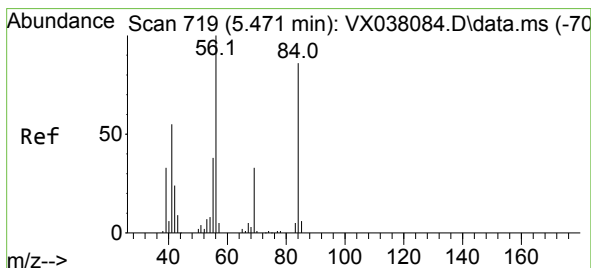
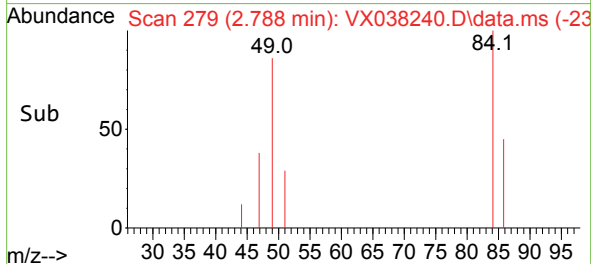
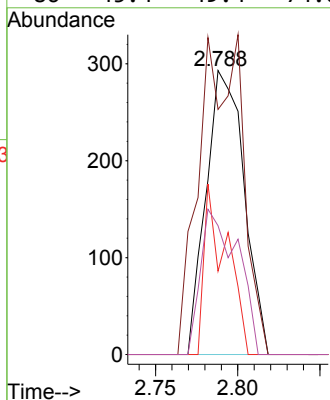
#20
Methylene Chloride
Concen: 0.370 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 471

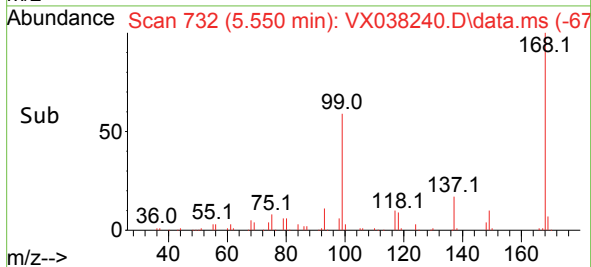
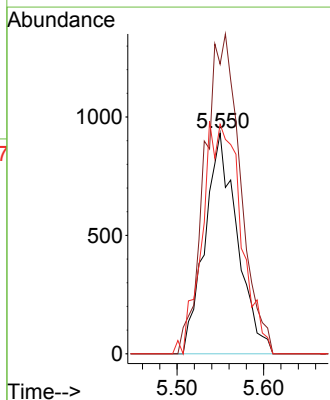
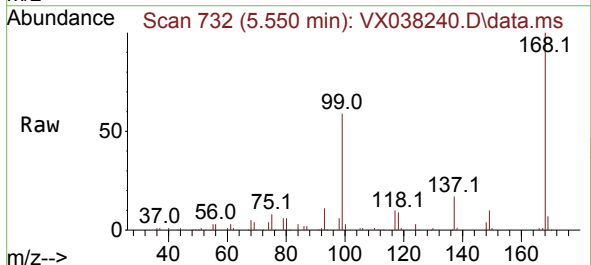
Ion	Ratio	Lower	Upper
84	100		
49	86.3	103.6	155.4#
51	29.4	33.8	50.6#
86	45.4	49.4	74.0#

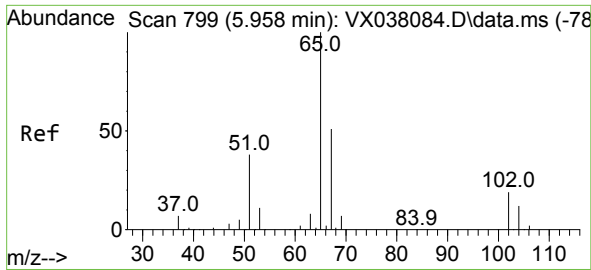


#31
Cyclohexane
Concen: 1.377 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

Tgt Ion: 56 Resp: 2418

Ion	Ratio	Lower	Upper
56	100		
69	131.1	23.4	35.2#
84	104.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.267 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038240.D

Acq: 11 Oct 2023 19:24

Instrument :

MSVOA_X

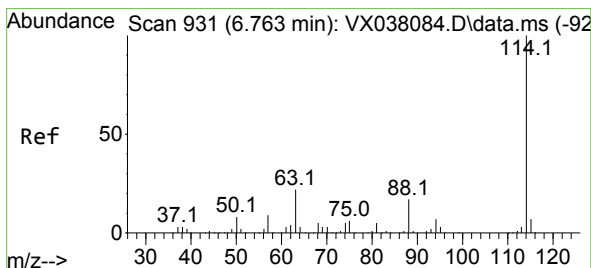
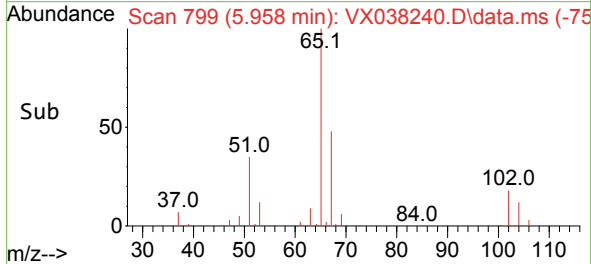
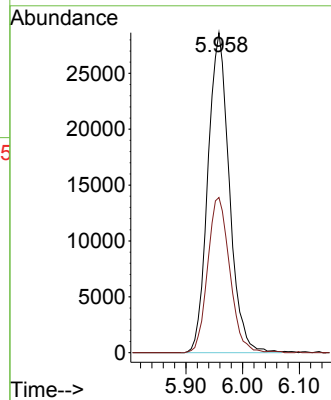
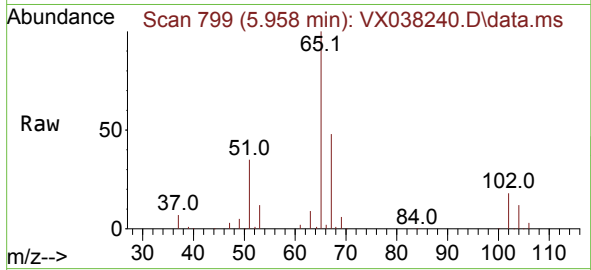
ClientSampleId :

Tgt Ion: 65 Resp: 74998

Ion Ratio Lower Upper

65 100

67 50.0 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: VX038240.D

Acq: 11 Oct 2023 19:24

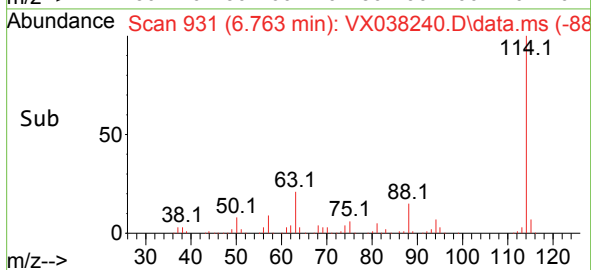
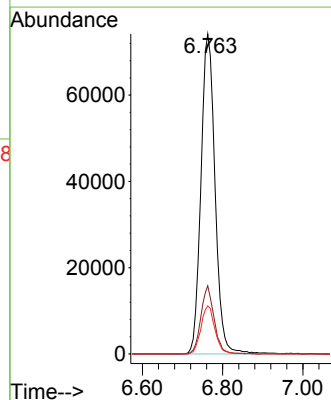
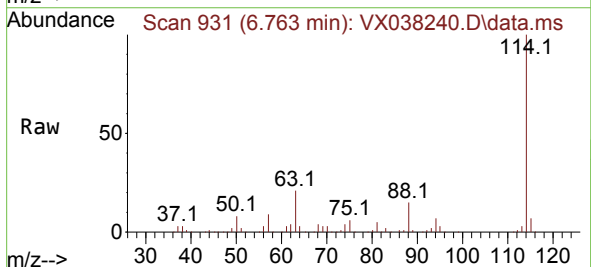
Tgt Ion: 114 Resp: 181317

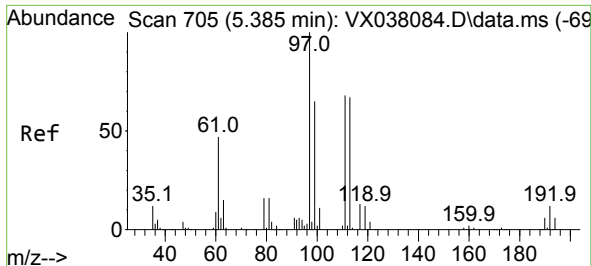
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

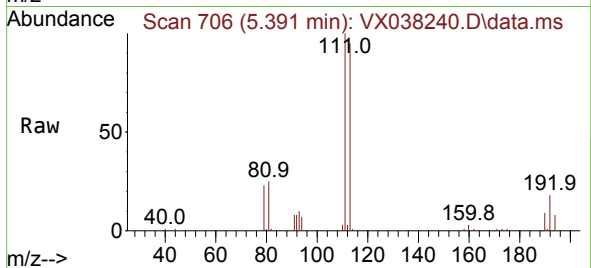
88 15.0 0.0 36.6



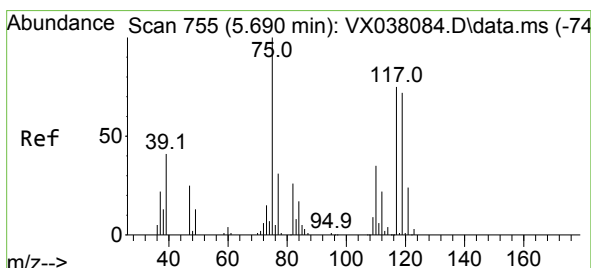
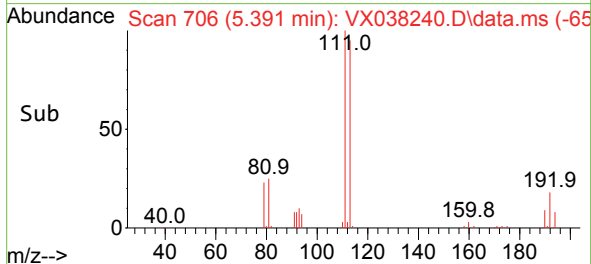
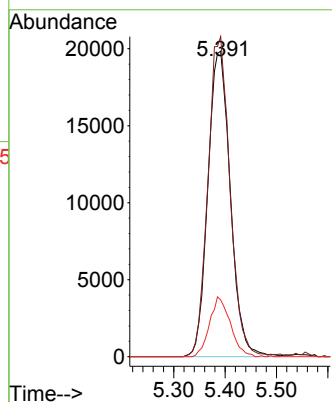


#35
Dibromofluoromethane
Concen: 46.131 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

Instrument :
MSVOA_X
ClientSampleId :

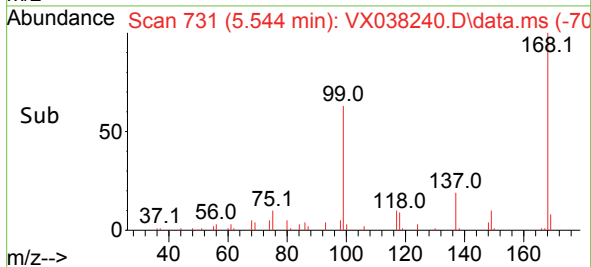
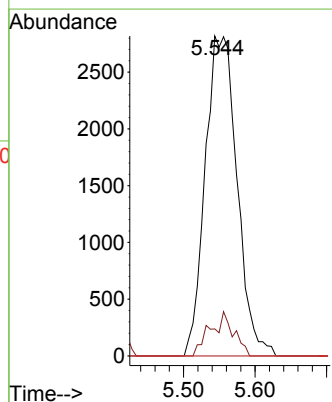
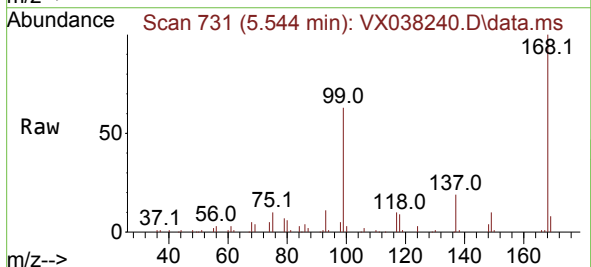


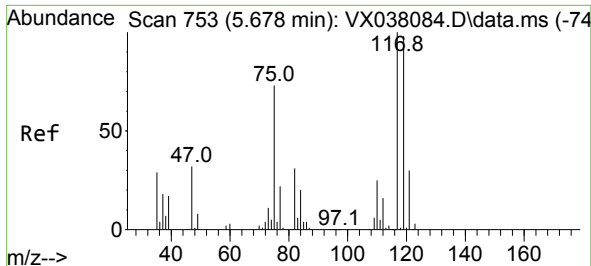
Tgt Ion:113 Resp: 60270
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.846 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

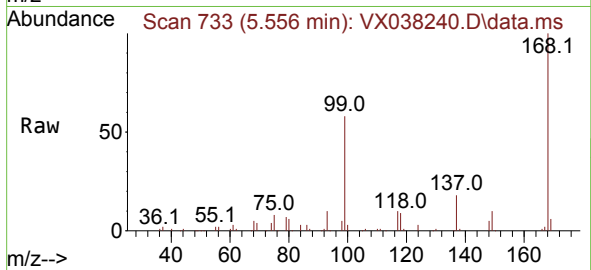
Tgt Ion: 75 Resp: 8731
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



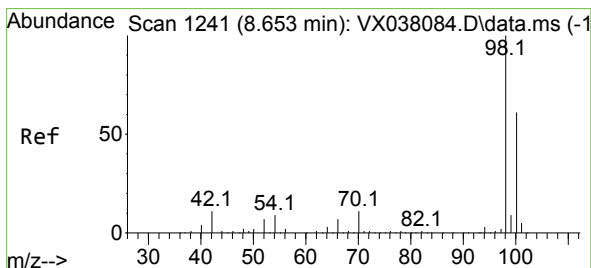
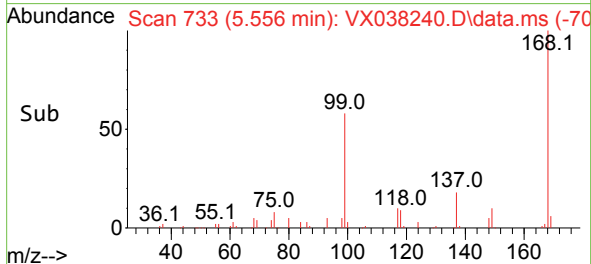
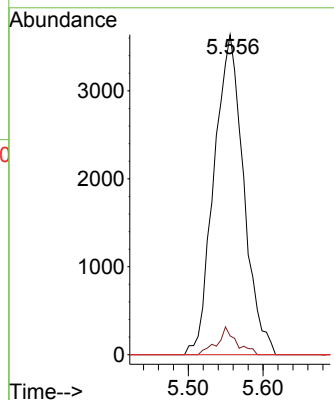


#38
Carbon Tetrachloride
Concen: 5.642 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

Instrument :
MSVOA_X
ClientSampleId :

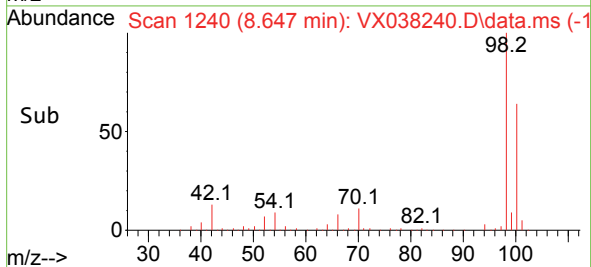
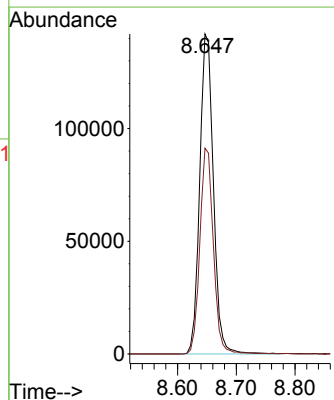
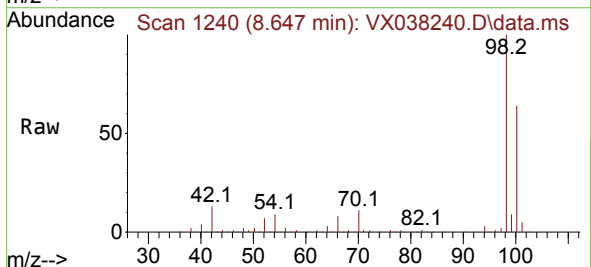


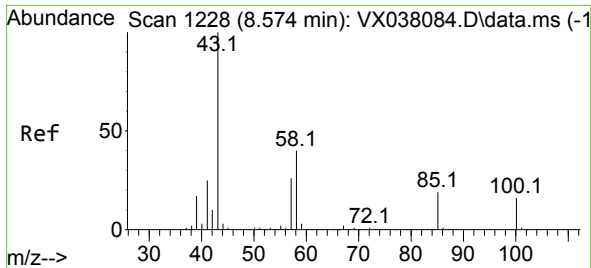
Tgt Ion:117 Resp: 9999
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.035 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

Tgt Ion: 98 Resp: 229827
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

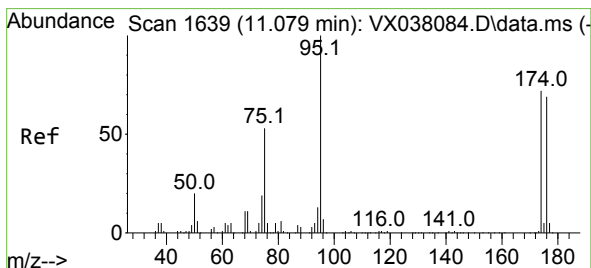
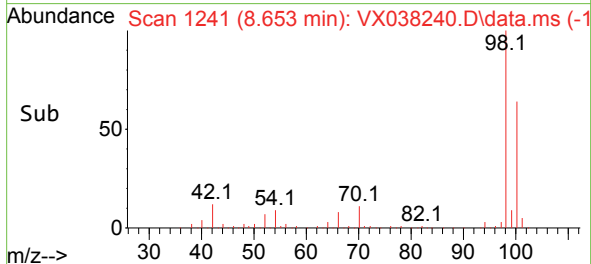
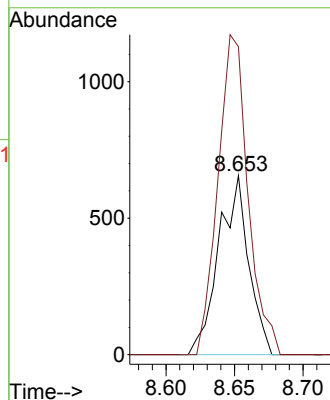
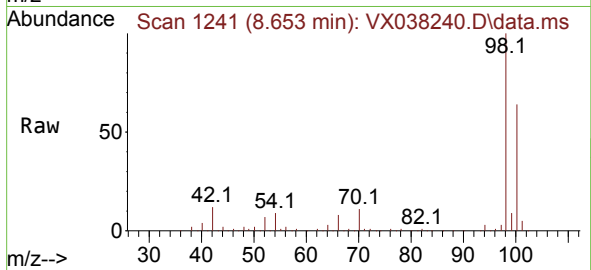




#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

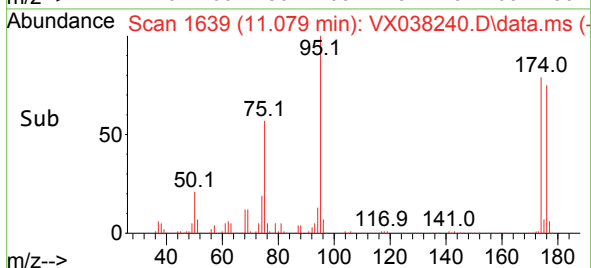
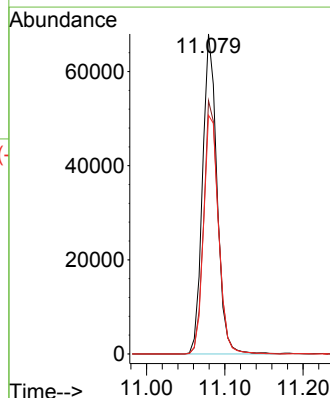
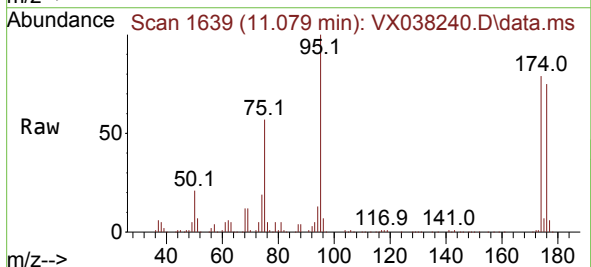
Instrument :
MSVOA_X
ClientSampleId :

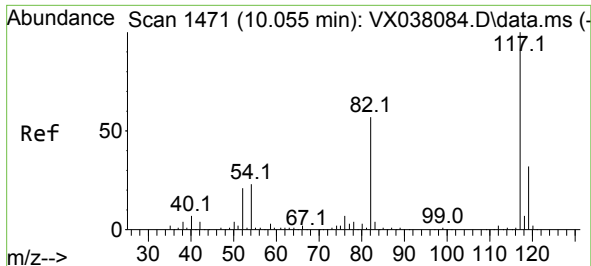
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 179.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

Tgt Ion: 95 Resp: 86837
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 77.6 0.0 131.0

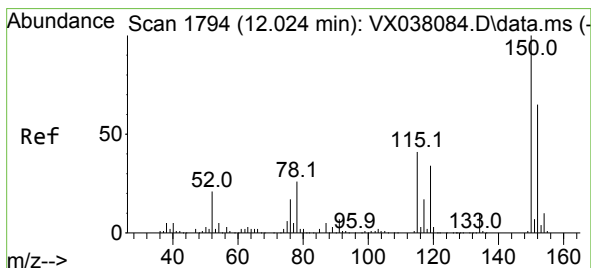
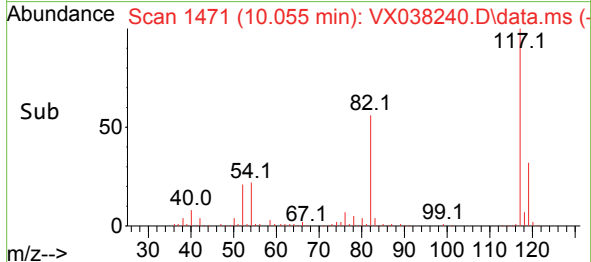
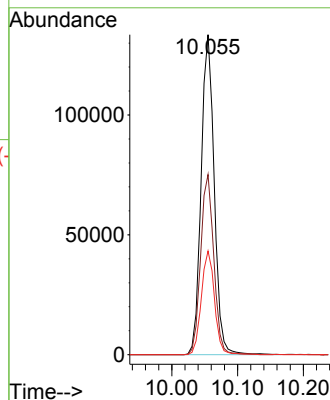
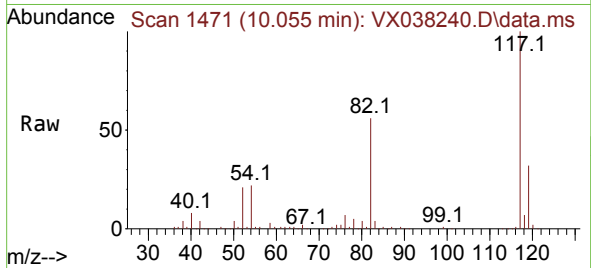




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

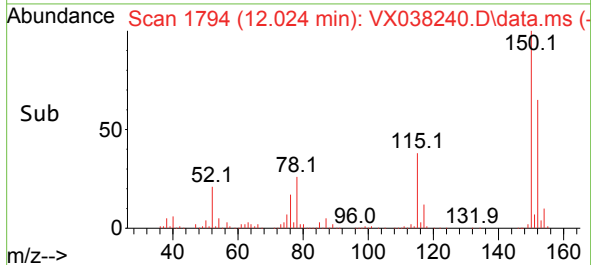
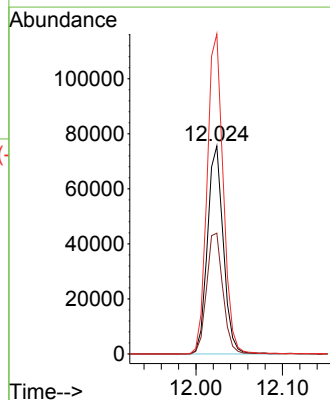
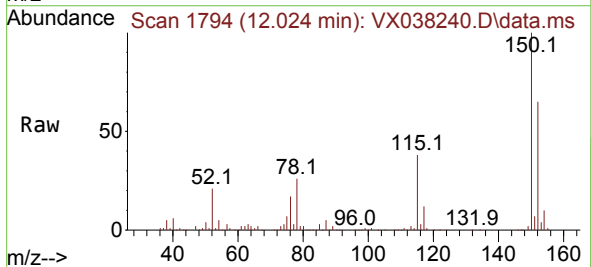
Instrument :
MSVOA_X
ClientSampleId :

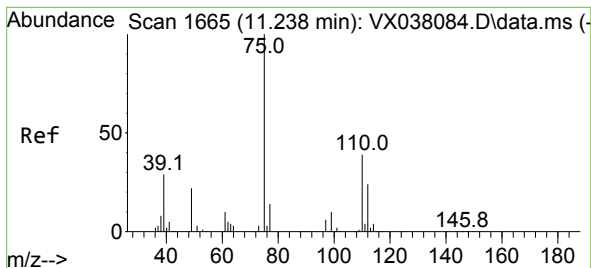
Tgt Ion:117 Resp: 184839
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038240.D
Acq: 11 Oct 2023 19:24

Tgt Ion:152 Resp: 96203
Ion Ratio Lower Upper
152 100
115 59.9 43.3 129.9
150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.060 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038240.D

Acq: 11 Oct 2023 19:24

Instrument :

MSVOA_X

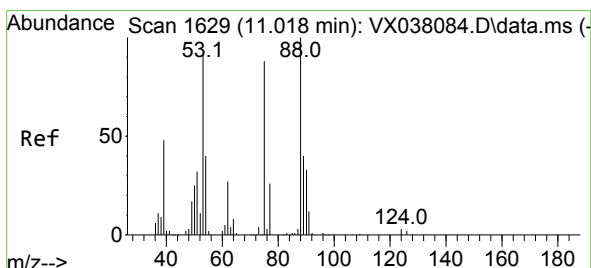
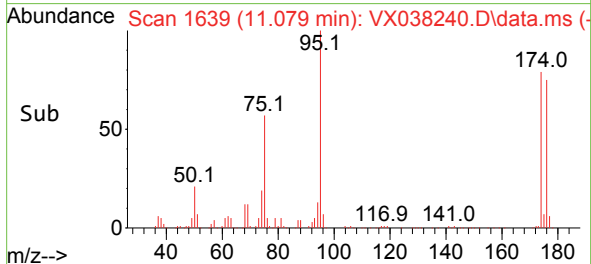
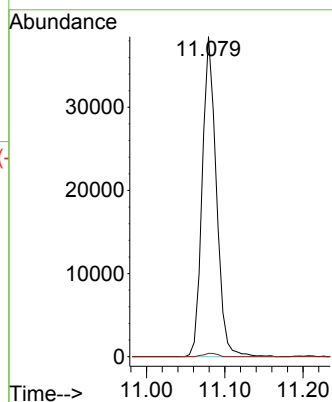
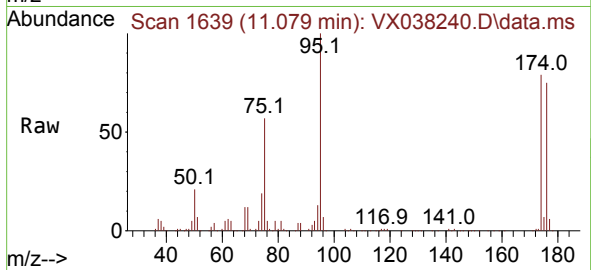
ClientSampleId :

Tgt Ion: 75 Resp: 48246

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.251 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038240.D

Acq: 11 Oct 2023 19:24

Tgt Ion: 75 Resp: 48246

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

