

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038365.D
 Acq On : 18 Oct 2023 16:12
 Operator : JC/MD
 Sample : 04940-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:42:07 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)

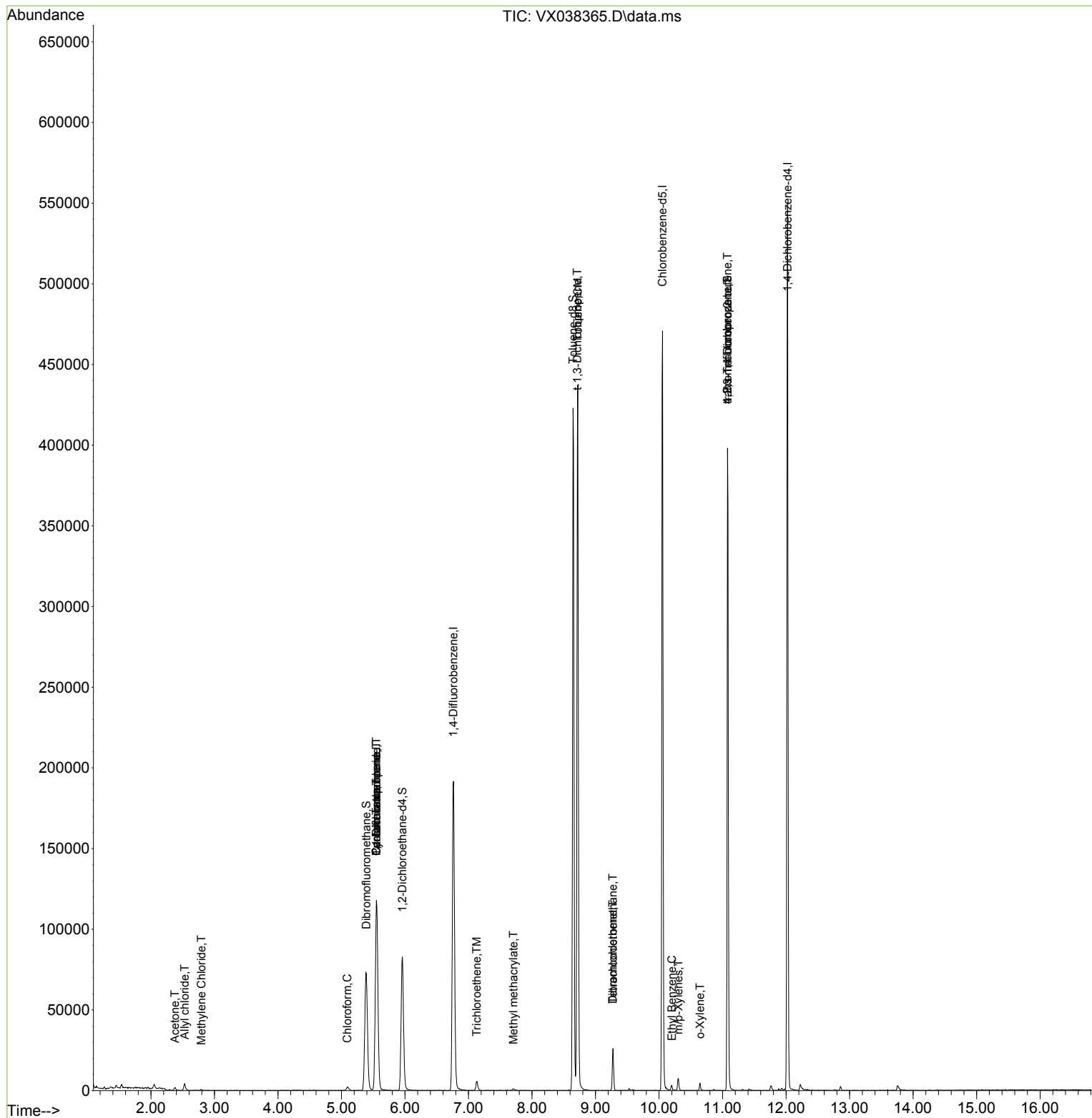
Internal Standards						
1) Pentafluorobenzene	5.550	168	110626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80252	45.102	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.200%
35) Dibromofluoromethane	5.391	113	63700	43.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.960%
50) Toluene-d8	8.647	98	255244	46.115	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.220%
62) 4-Bromofluorobenzene	11.079	95	98805	47.087	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.180%
Target Compounds						
					Qvalue	
5) Bromomethane	1.544	94	67	Below Cal	#	3
6) Chloroethane	1.648	64	62	Below Cal	#	43
14) Allyl chloride	2.532	41	430	0.238	ug/l #	33
16) Acetone	2.380	43	1958	2.637	ug/l	100
20) Methylene Chloride	2.794	84	302	0.216	ug/l #	65
30) Chloroform	5.093	83	2471	0.981	ug/l	96
31) Cyclohexane	5.550	56	2545	1.320	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	8990	4.501	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11620	5.914	ug/l #	16
44) Trichloroethene	7.129	130	2210	1.512	ug/l	87
48) Methyl methacrylate	7.708	41	686	0.406	ug/l #	85
52) Toluene	8.720	92	162393	44.623	ug/l	93
53) t-1,3-Dichloropropene	8.714	75	2083	0.973	ug/l #	1
60) Dibromochloromethane	9.275	129	4136	2.715	ug/l #	11
64) Tetrachloroethene	9.275	164	4682	3.432	ug/l #	87
67) Ethyl Benzene	10.201	91	2232	0.284	ug/l	91
68) m/p-Xylenes	10.305	106	1861	0.611	ug/l	95
69) o-Xylene	10.646	106	1014	0.341	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	55157	21.816	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55157	62.597	ug/l #	5

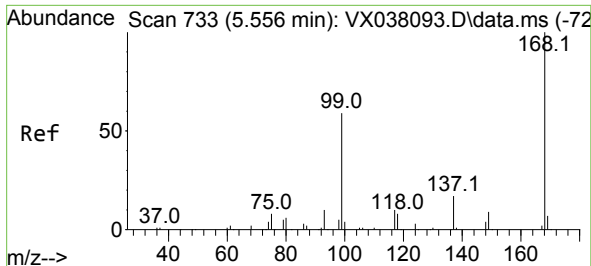
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

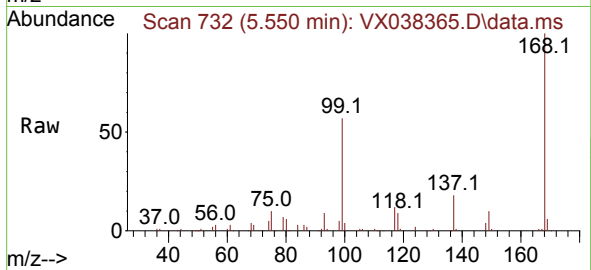
Quant Time: Oct 19 01:42:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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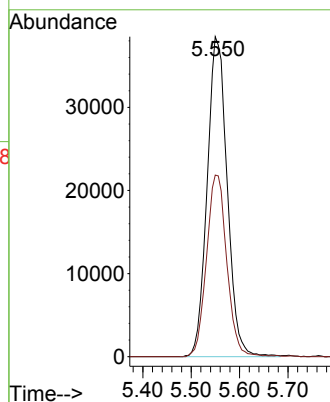
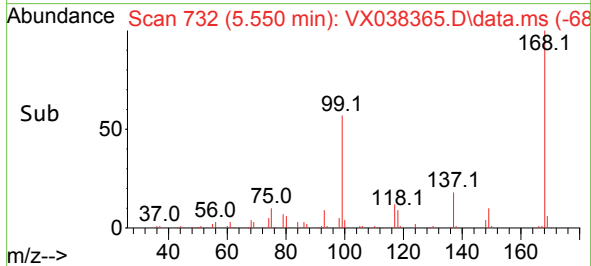


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

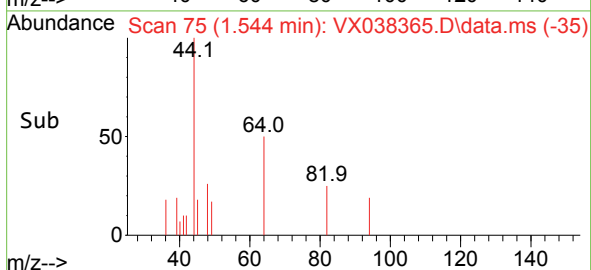
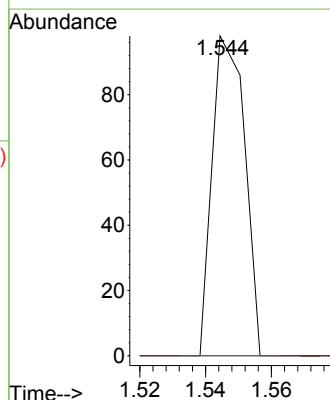
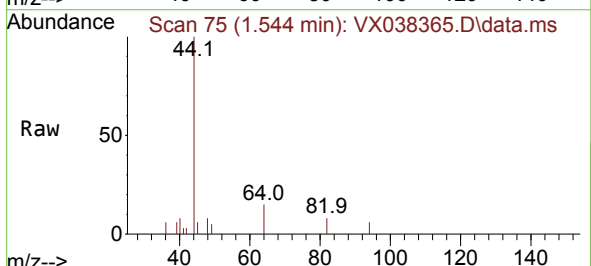


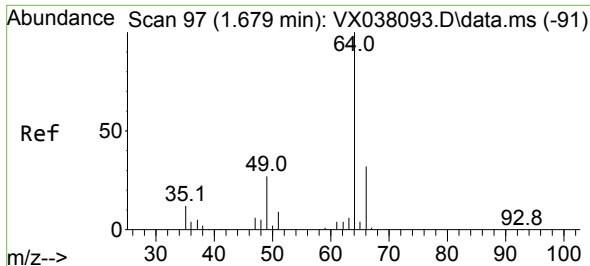
Tgt Ion:168 Resp: 110626
Ion Ratio Lower Upper
168 100
99 56.8 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.544 min Scan# 75
Delta R.T. -0.055 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

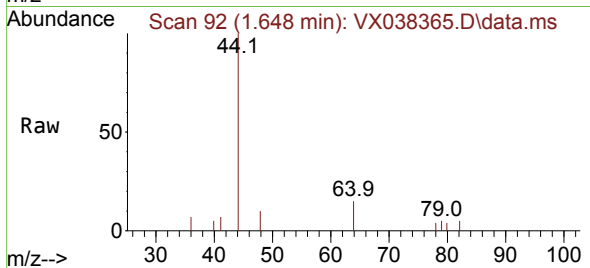
Tgt Ion: 94 Resp: 67
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



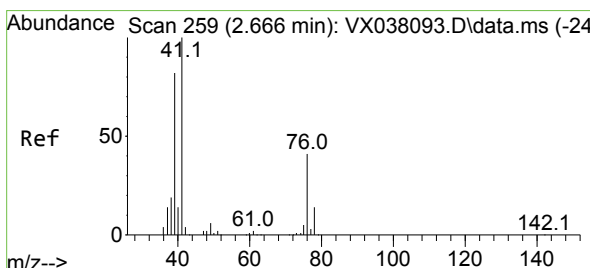
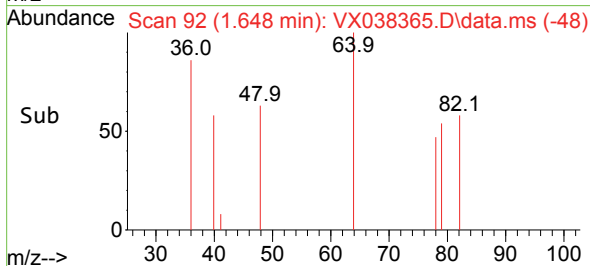
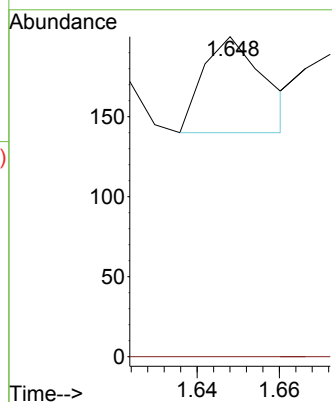


#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.031 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

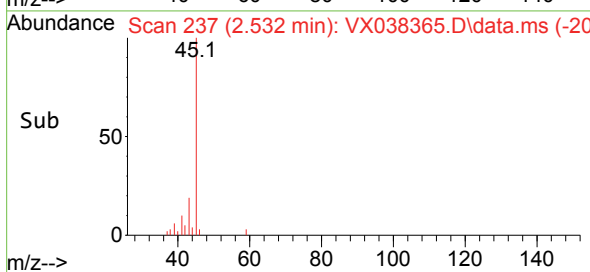
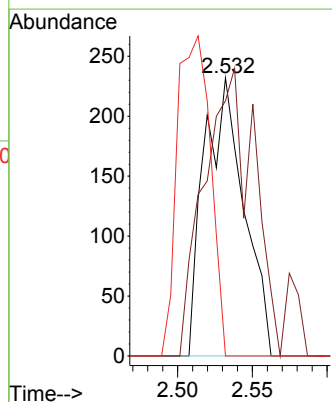
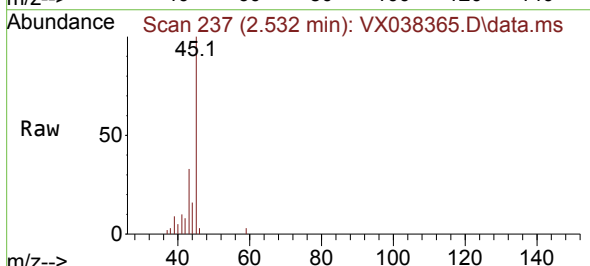


Tgt Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#14
Allyl chloride
Concen: 0.238 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.128 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

Tgt Ion: 41 Resp: 430
Ion Ratio Lower Upper
41 100
39 128.1 55.8 83.6#
76 0.0 24.3 36.5#





#16

Acetone

Concen: 2.637 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038365.D

Acq: 18 Oct 2023 16:12

Instrument :

MSVOA_X

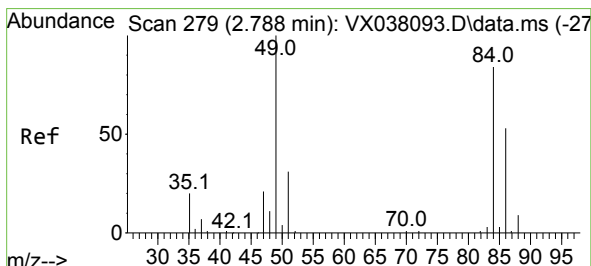
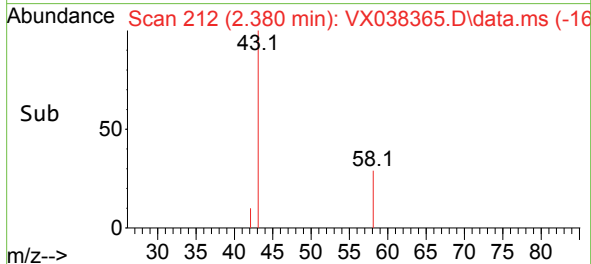
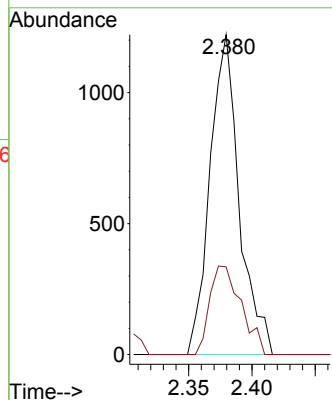
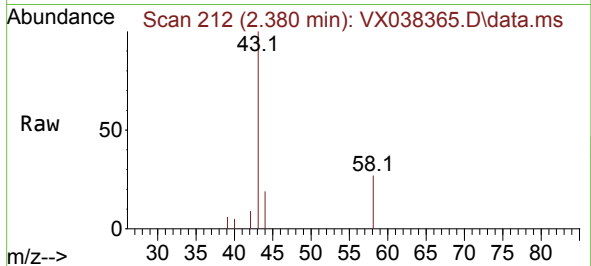
ClientSampleId :

Tgt Ion: 43 Resp: 1958

Ion Ratio Lower Upper

43 100

58 27.4 21.9 32.9



#20

Methylene Chloride

Concen: 0.216 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038365.D

Acq: 18 Oct 2023 16:12

Tgt Ion: 84 Resp: 302

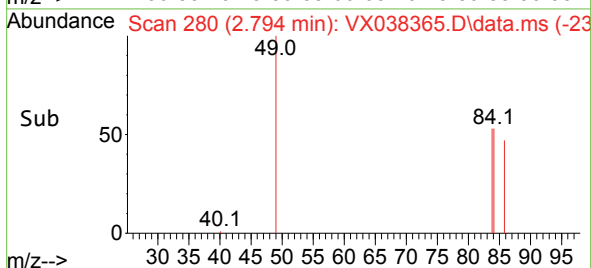
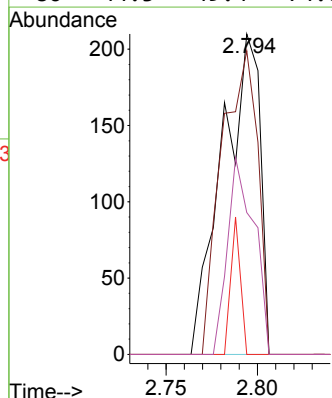
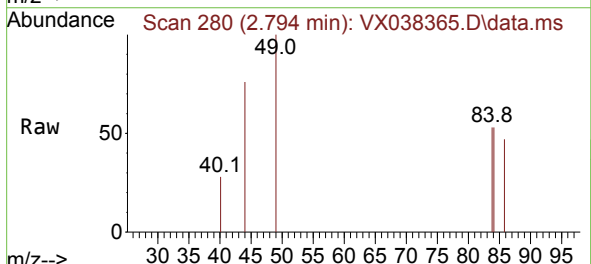
Ion Ratio Lower Upper

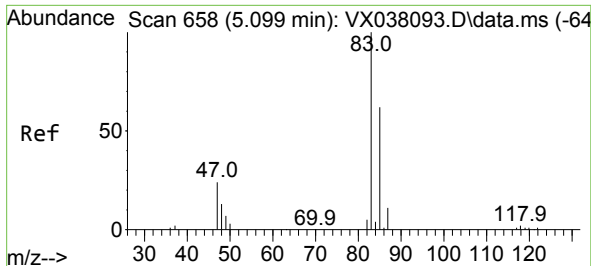
84 100

49 94.8 103.6 155.4#

51 0.0 33.8 50.6#

86 44.3 49.4 74.0#





#30

Chloroform

Concen: 0.981 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX038365.D

Acq: 18 Oct 2023 16:12

Instrument :

MSVOA_X

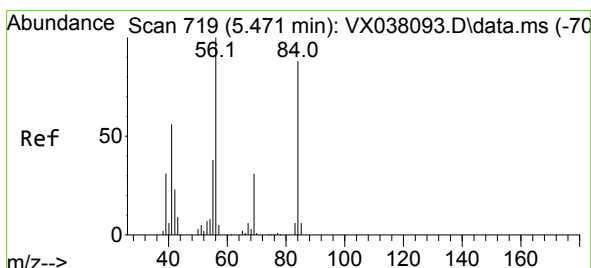
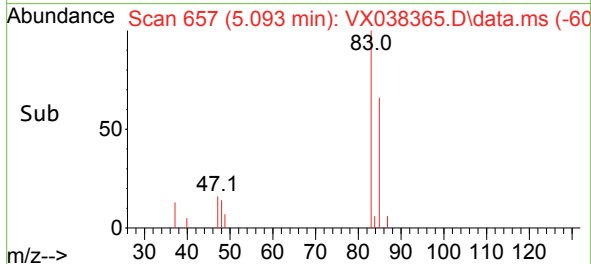
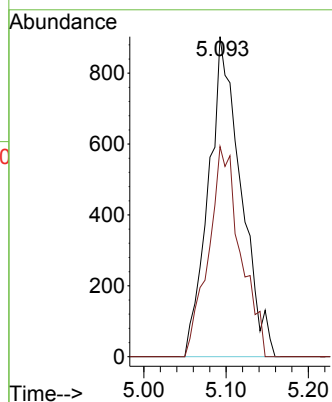
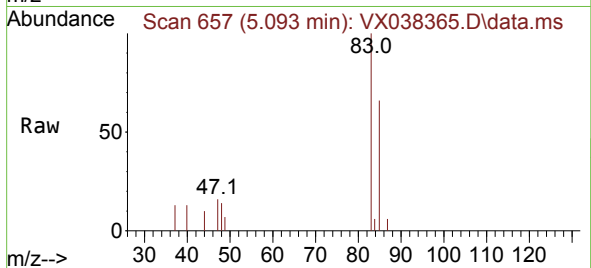
ClientSampleId :

Tgt Ion: 83 Resp: 2471

Ion Ratio Lower Upper

83 100

85 65.7 50.3 75.5



#31

Cyclohexane

Concen: 1.320 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038365.D

Acq: 18 Oct 2023 16:12

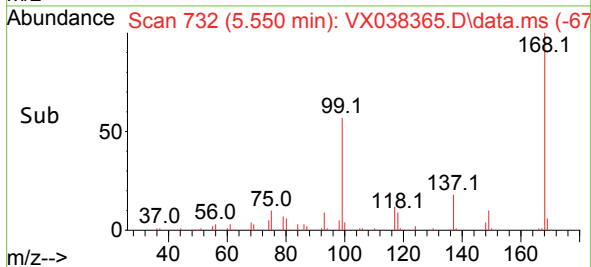
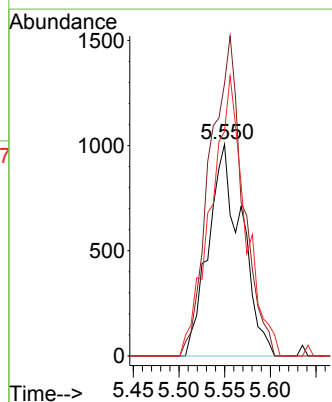
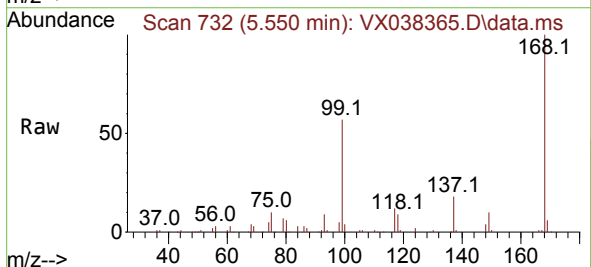
Tgt Ion: 56 Resp: 2545

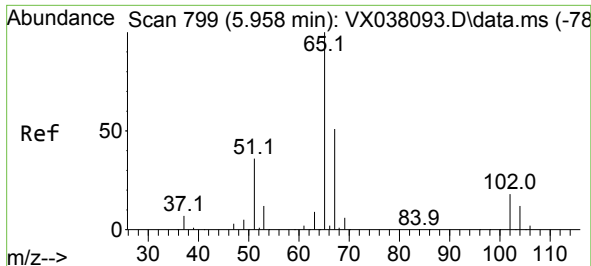
Ion Ratio Lower Upper

56 100

69 128.6 23.4 35.2#

84 106.1 65.9 98.9#

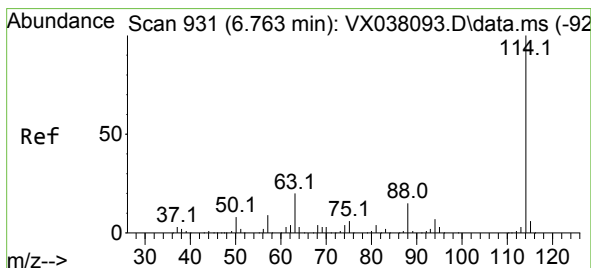
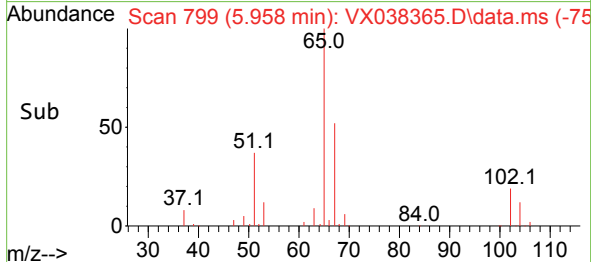
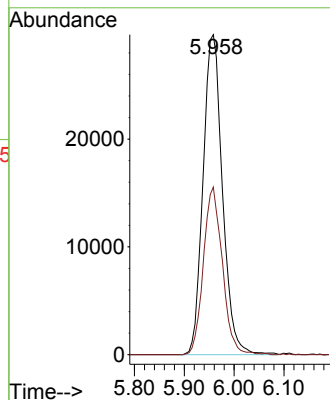
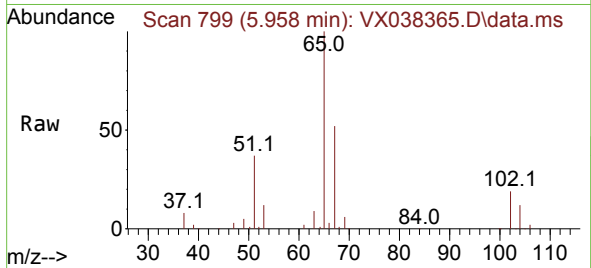




#33
 1,2-Dichloroethane-d4
 Concen: 45.102 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038365.D
 Acq: 18 Oct 2023 16:12

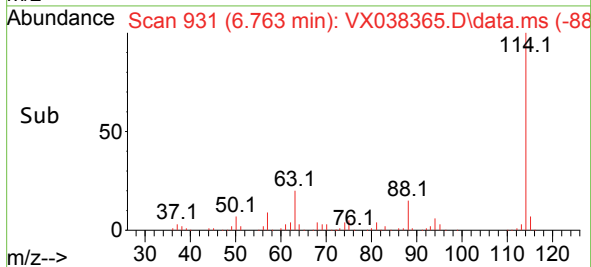
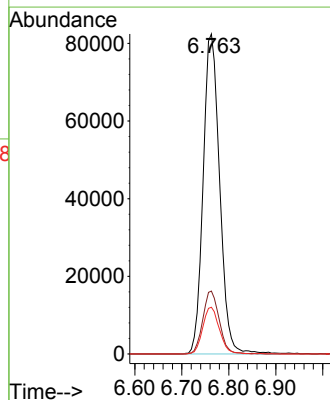
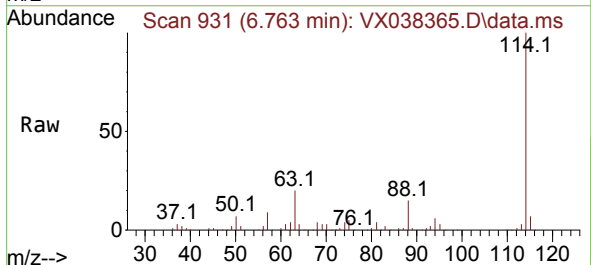
Instrument :
 MSVOA_X
 ClientSampleId :

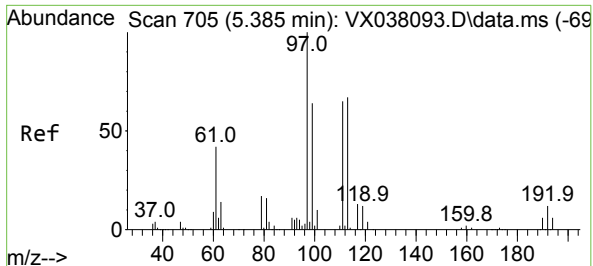
Tgt Ion: 65 Resp: 80252
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038365.D
 Acq: 18 Oct 2023 16:12

Tgt Ion:114 Resp: 201020
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.0
 88 14.6 0.0 36.6

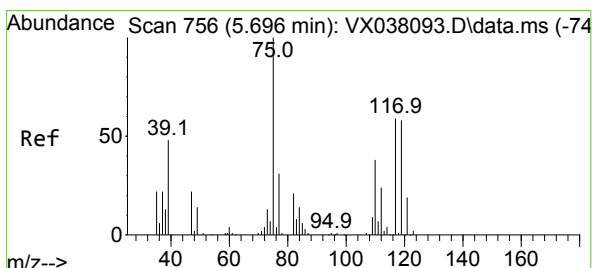
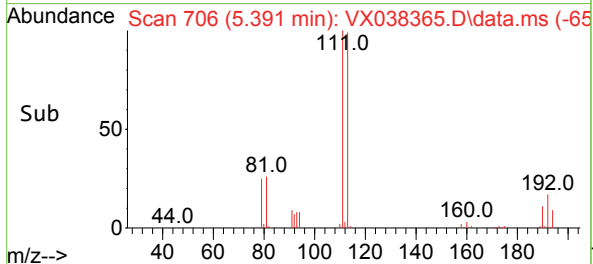
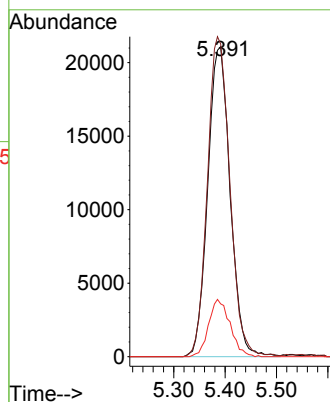
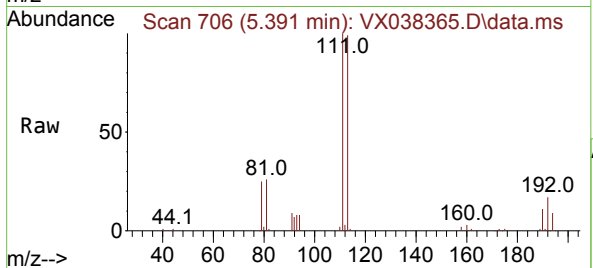




#35
Dibromofluoromethane
Concen: 43.977 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

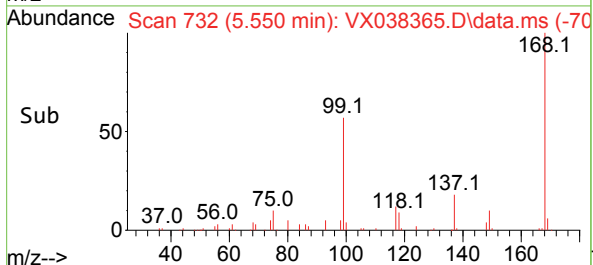
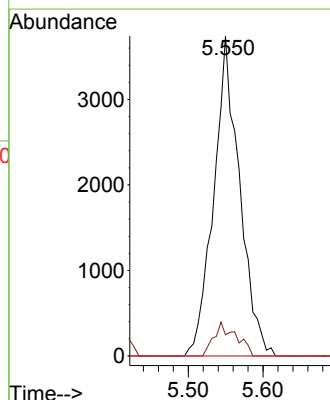
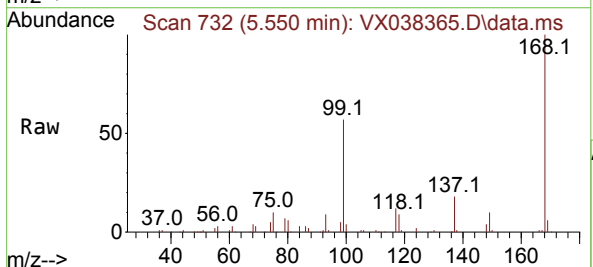
Instrument :
MSVOA_X
ClientSampleId :

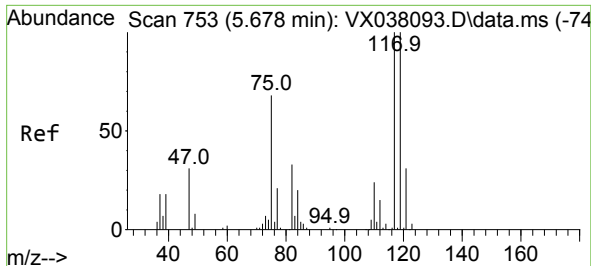
Tgt Ion:113 Resp: 63700
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.501 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

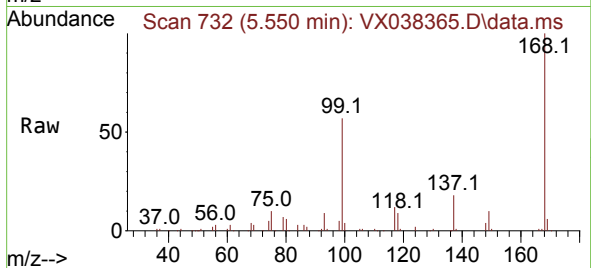
Tgt Ion: 75 Resp: 8990
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



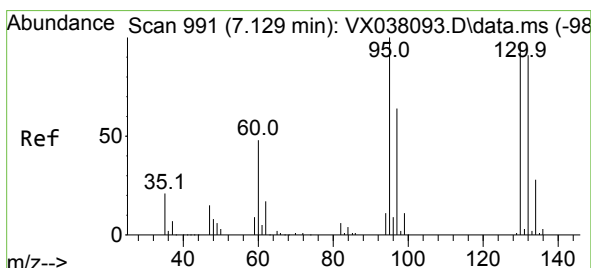
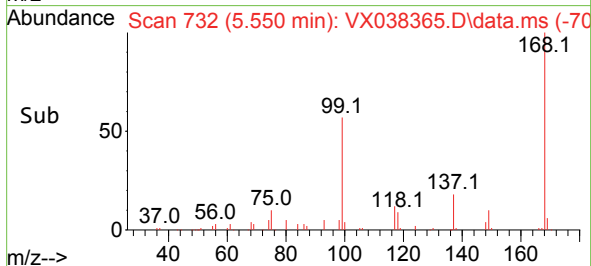
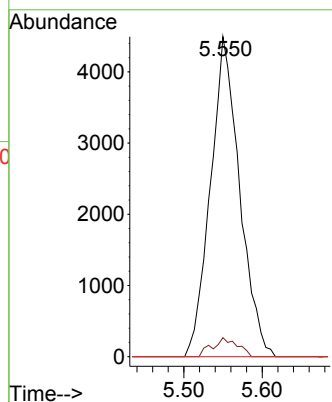


#38
Carbon Tetrachloride
Concen: 5.914 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

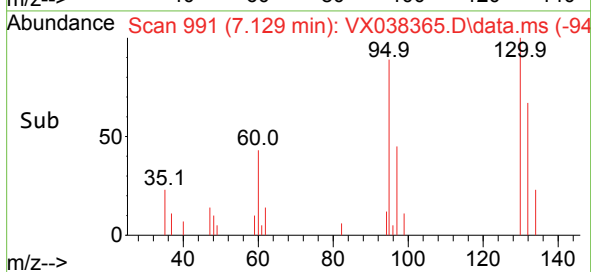
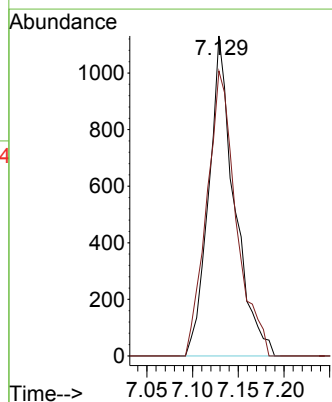
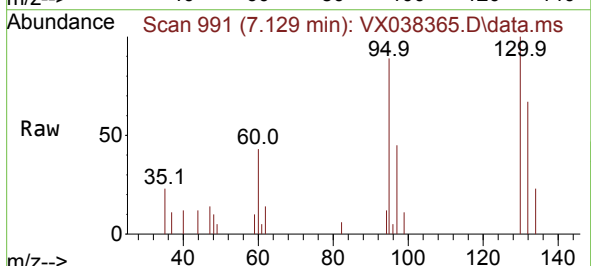


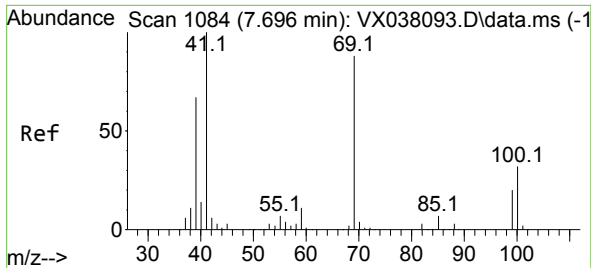
Tgt Ion:117 Resp: 11620
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.512 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

Tgt Ion:130 Resp: 2210
Ion Ratio Lower Upper
130 100
95 89.0 0.0 204.4

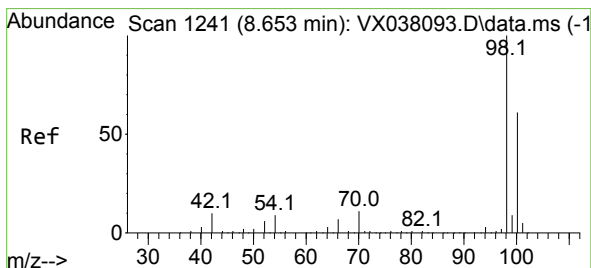
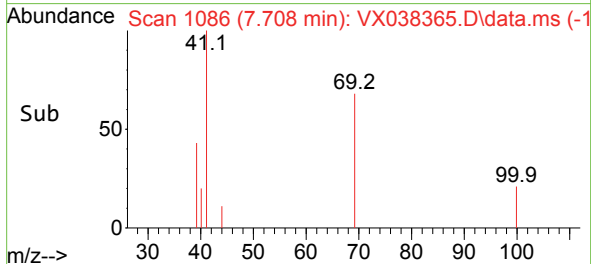
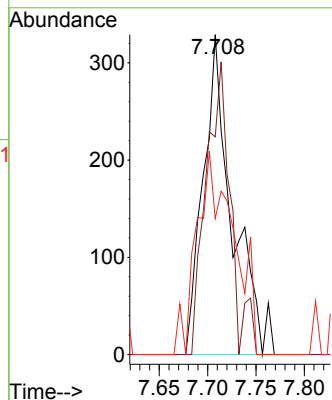
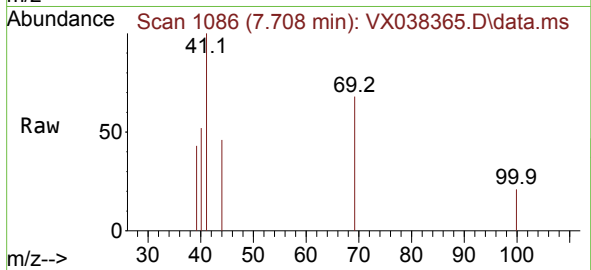




#48
Methyl methacrylate
Concen: 0.406 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

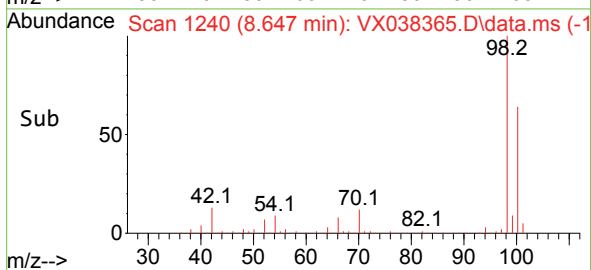
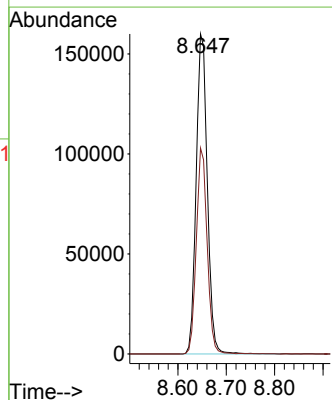
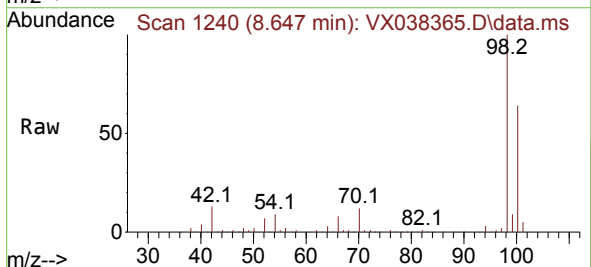
Instrument :
MSVOA_X
ClientSampleId :

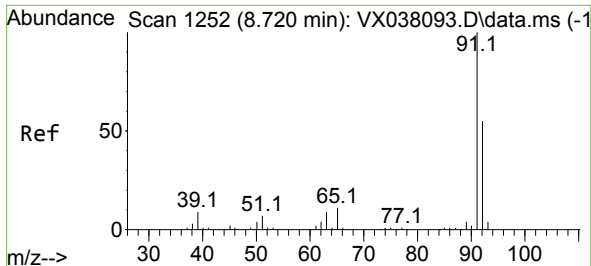
Tgt Ion: 41 Resp: 686
Ion Ratio Lower Upper
41 100
69 77.3 59.2 88.8
39 81.2 47.7 71.5#



#50
Toluene-d8
Concen: 46.115 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

Tgt Ion: 98 Resp: 255244
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7

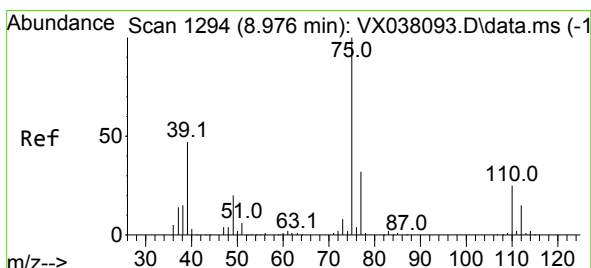
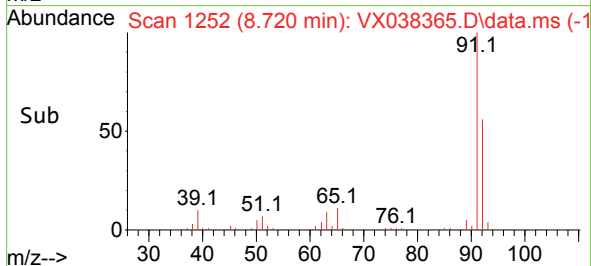
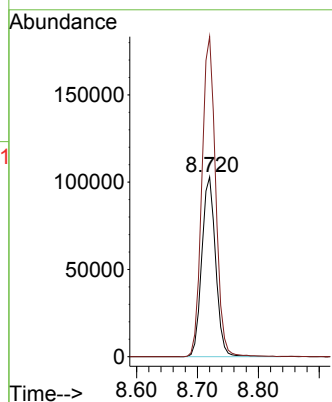
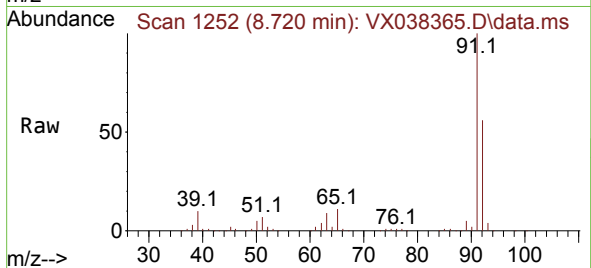




#52
Toluene
Concen: 44.623 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

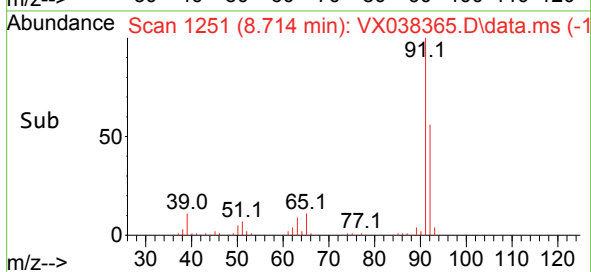
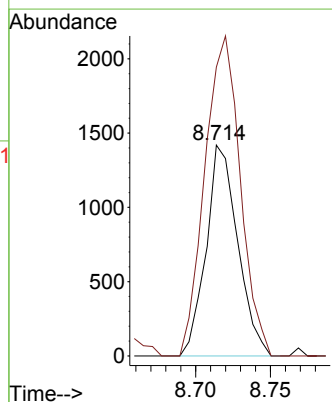
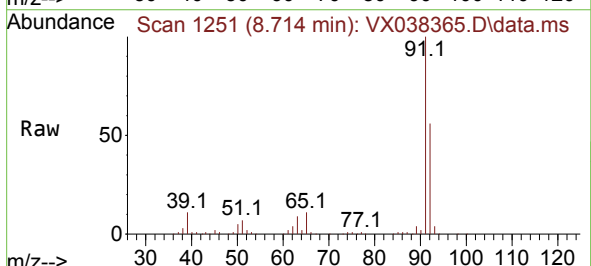
Instrument :
MSVOA_X
ClientSampleId :

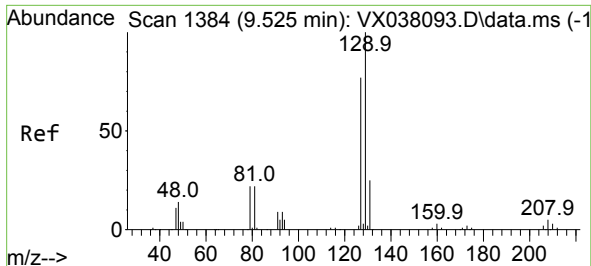
Tgt Ion: 92 Resp: 162393
Ion Ratio Lower Upper
92 100
91 177.3 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.973 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.262 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

Tgt Ion: 75 Resp: 2083
Ion Ratio Lower Upper
75 100
77 137.0 25.7 38.5#

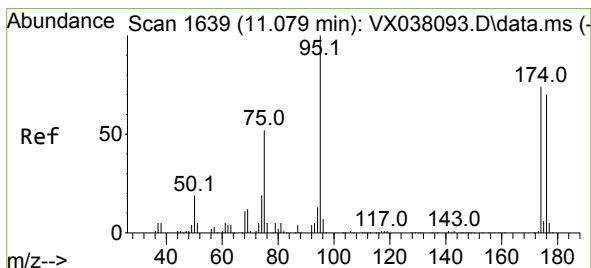
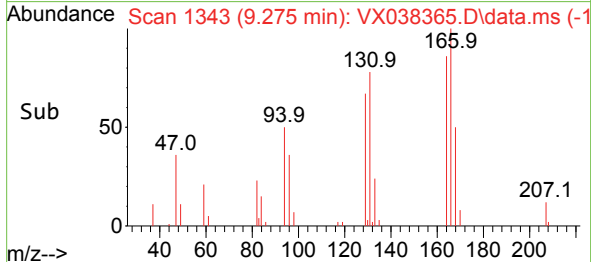
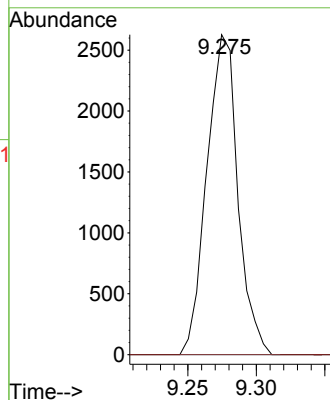
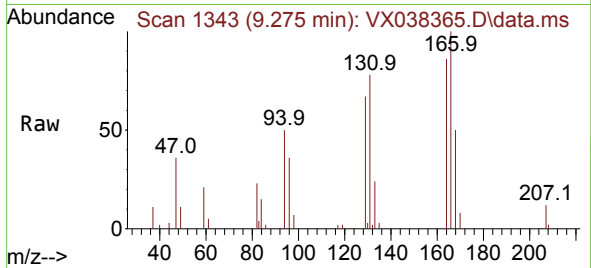




#60
Dibromochloromethane
Concen: 2.715 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

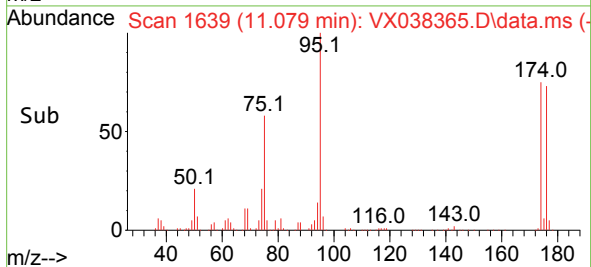
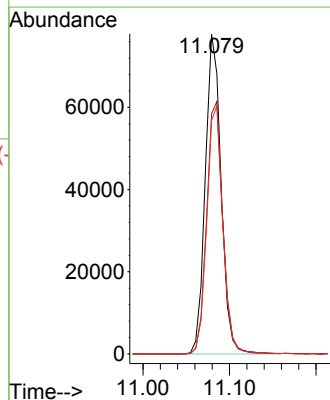
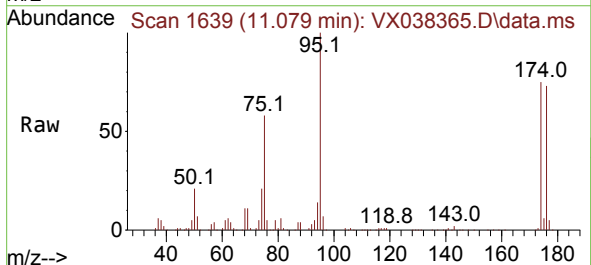
Instrument :
MSVOA_X
ClientSampleId :

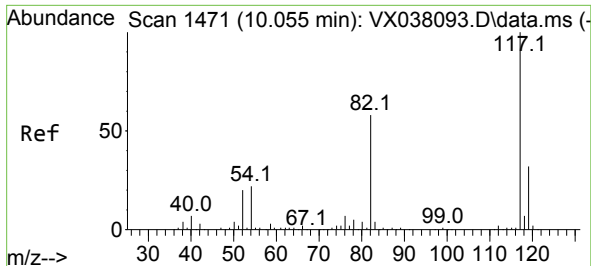
Tgt Ion:129 Resp: 4136
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 47.087 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

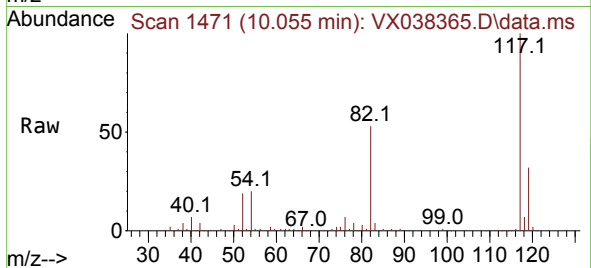
Tgt Ion: 95 Resp: 98805
Ion Ratio Lower Upper
95 100
174 80.9 0.0 135.6
176 78.4 0.0 131.0



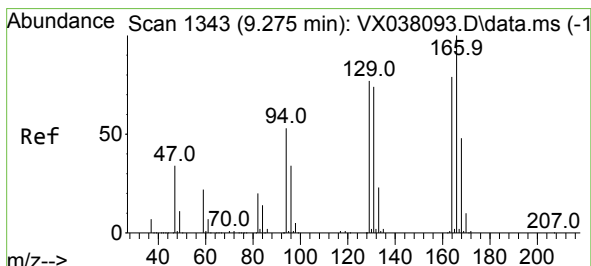
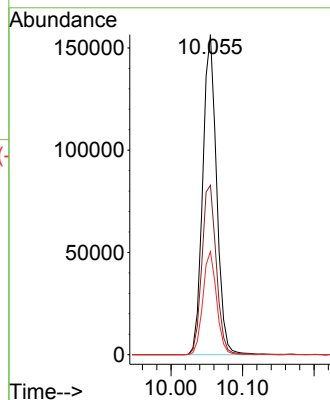
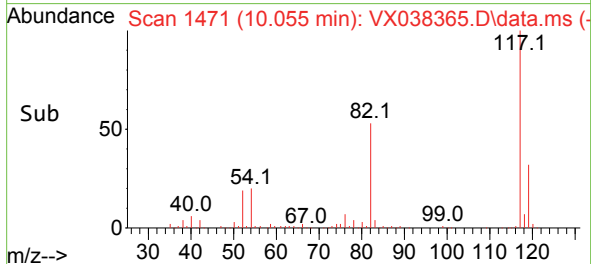


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

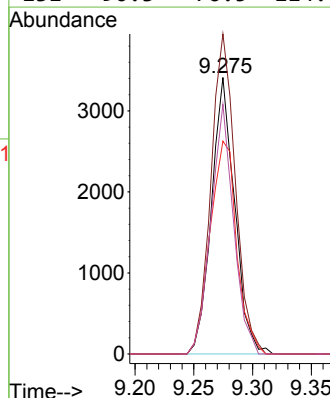
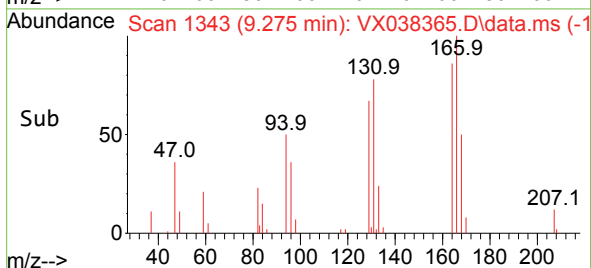
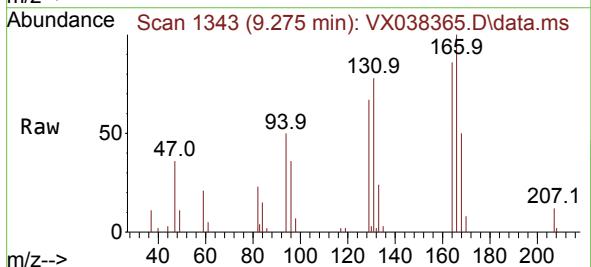


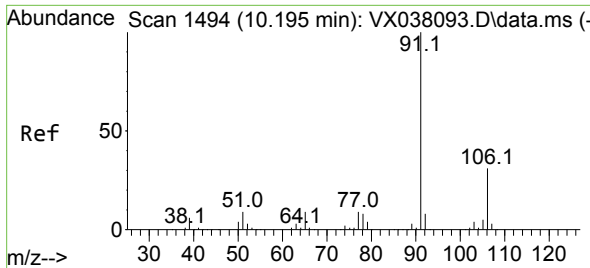
Tgt Ion:117 Resp: 210720
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 3.432 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

Tgt Ion:164 Resp: 4682
Ion Ratio Lower Upper
164 100
166 115.7 102.7 154.1
129 77.0 80.4 120.6#
131 90.3 76.5 114.7

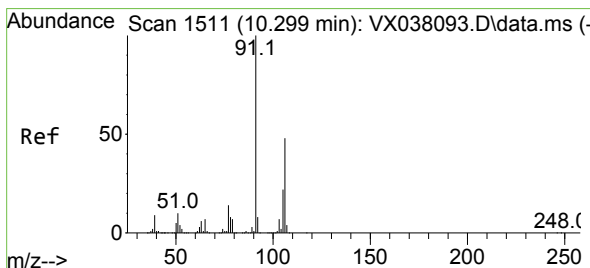
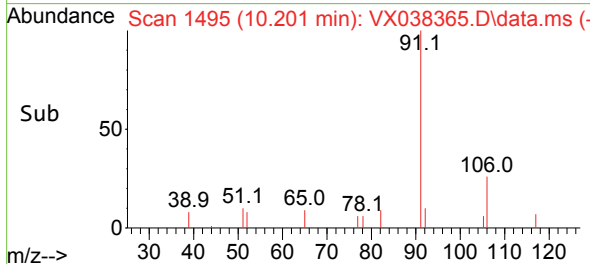
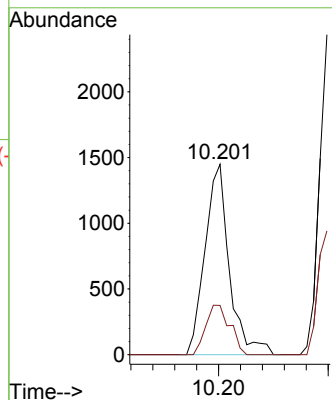
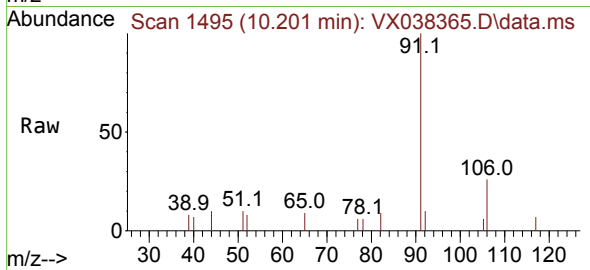




#67
Ethyl Benzene
Concen: 0.284 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

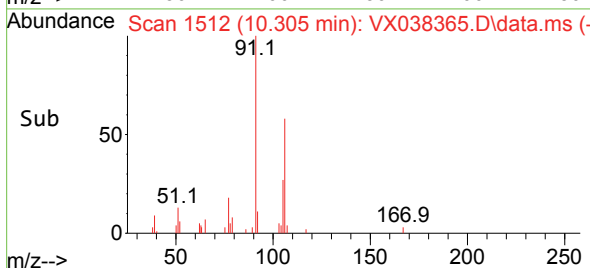
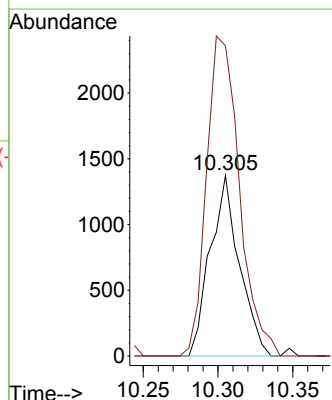
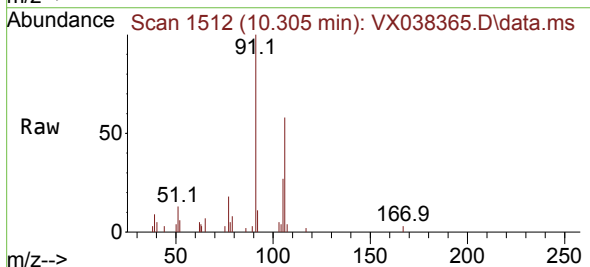
Instrument :
MSVOA_X
ClientSampleId :

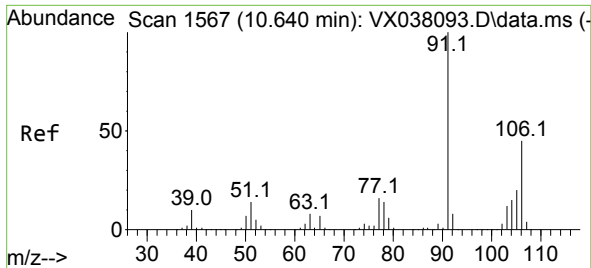
Tgt Ion: 91 Resp: 2232
Ion Ratio Lower Upper
91 100
106 25.9 24.9 37.3



#68
m/p-Xylenes
Concen: 0.611 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

Tgt Ion: 106 Resp: 1861
Ion Ratio Lower Upper
106 100
91 199.9 165.5 248.3

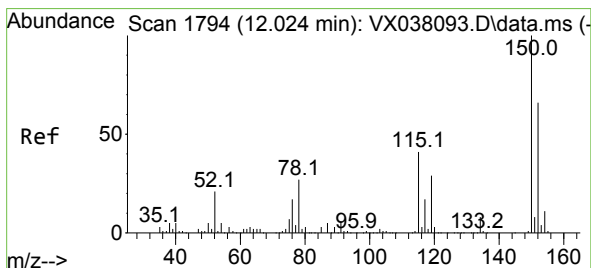
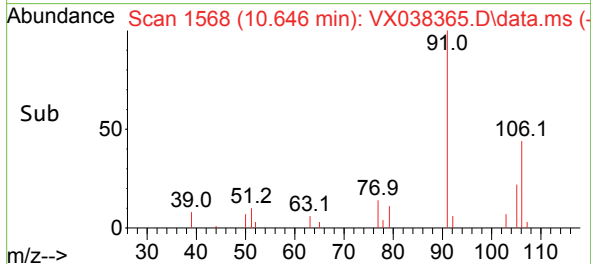
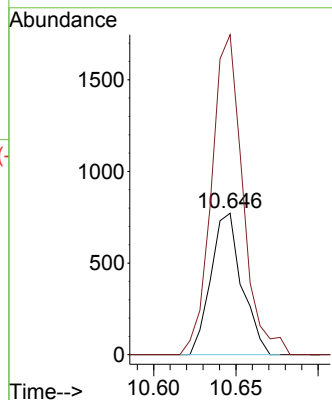
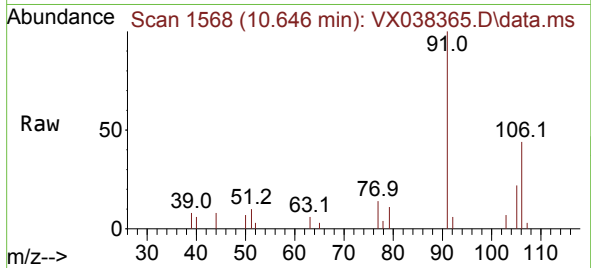




#69
o-Xylene
Concen: 0.341 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

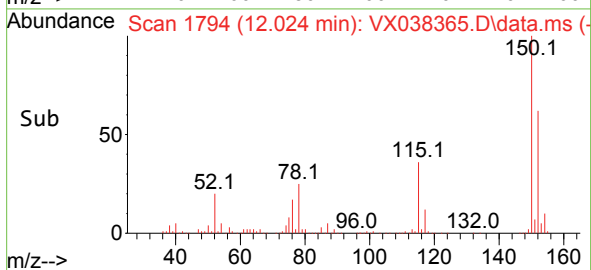
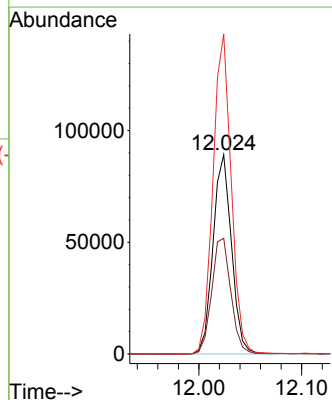
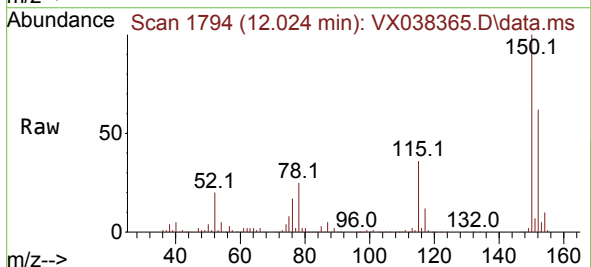
Instrument :
MSVOA_X
ClientSampleId :

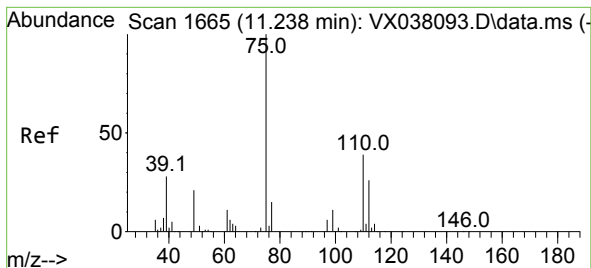
Tgt Ion:106 Resp: 1014
Ion Ratio Lower Upper
106 100
91 227.8 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038365.D
Acq: 18 Oct 2023 16:12

Tgt Ion:152 Resp: 111212
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 158.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.816 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038365.D

Acq: 18 Oct 2023 16:12

Instrument :

MSVOA_X

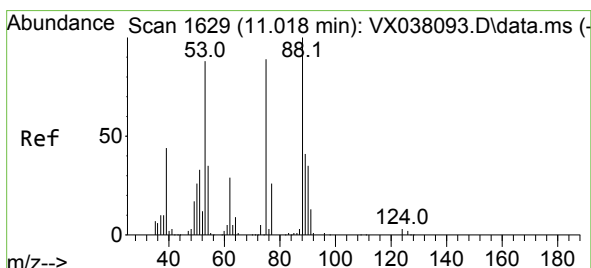
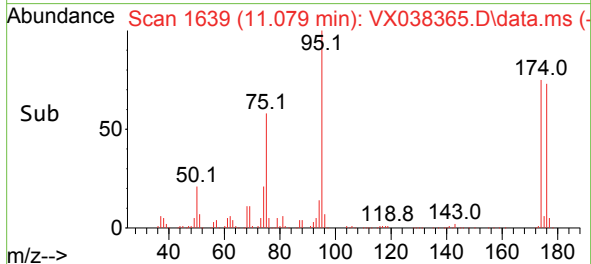
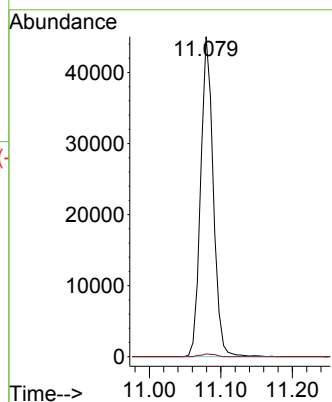
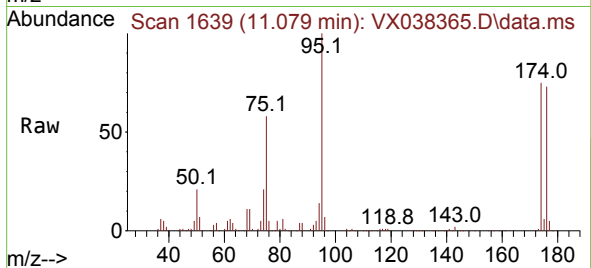
ClientSampleId :

Tgt Ion: 75 Resp: 55157

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.597 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038365.D

Acq: 18 Oct 2023 16:12

Tgt Ion: 75 Resp: 55157

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

