

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038198.D
 Acq On : 10 Oct 2023 14:00
 Operator : JC/MD
 Sample : 04782-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 01:37:42 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)

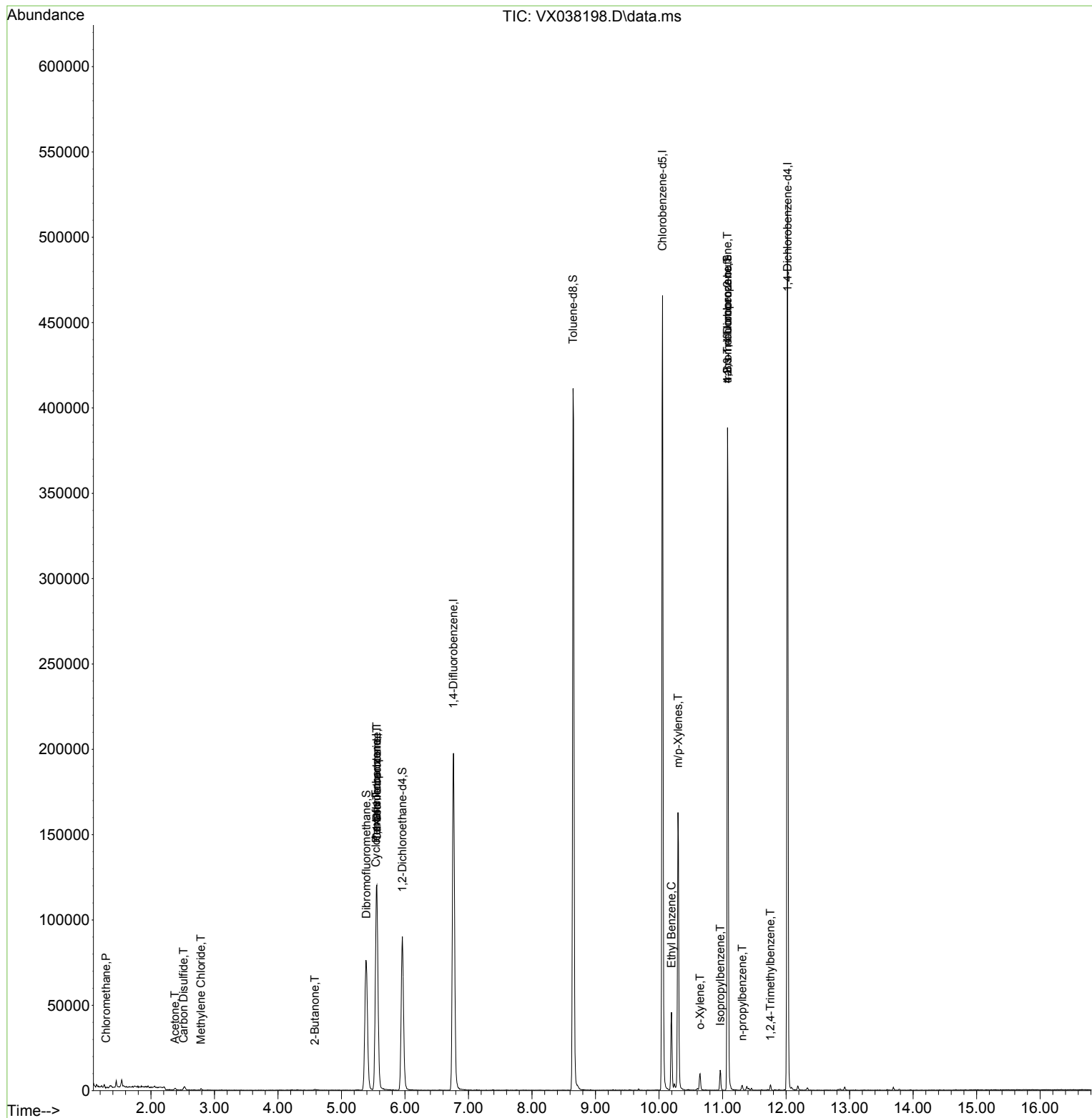
Internal Standards						
1) Pentafluorobenzene	5.550	168	113644	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	200500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84677	46.325	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.640%
35) Dibromofluoromethane	5.391	113	66369	45.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.880%
50) Toluene-d8	8.647	98	251740	45.600	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.200%#
62) 4-Bromofluorobenzene	11.079	95	97100	46.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.780%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	264	0.236	ug/l	# 43
5) Bromomethane	1.581	94	56	Below Cal	#	3
6) Chloroethane	1.697	64	300	Below Cal	#	43
16) Acetone	2.380	43	1255	1.645	ug/l	99
17) Carbon Disulfide	2.514	76	1115	0.372	ug/l	96
20) Methylene Chloride	2.788	84	290	0.202	ug/l	# 74
25) 2-Butanone	4.580	43	1007	0.818	ug/l	# 87
31) Cyclohexane	5.544	56	2826	1.427	ug/l	# 37
36) 1,1-Dichloropropene	5.556	75	9502	4.769	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	11998	6.122	ug/l	# 13
67) Ethyl Benzene	10.195	91	26813	3.556	ug/l	97
68) m/p-Xylenes	10.299	106	37831	12.976	ug/l	100
69) o-Xylene	10.646	106	2599	0.913	ug/l	91
73) Isopropylbenzene	10.963	105	6048	0.866	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	53028	22.390	ug/l	# 38
78) n-propylbenzene	11.311	91	2278	0.267	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	53028	64.136	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	1558	0.259	ug/l	92

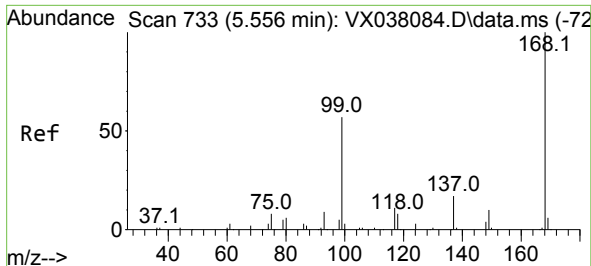
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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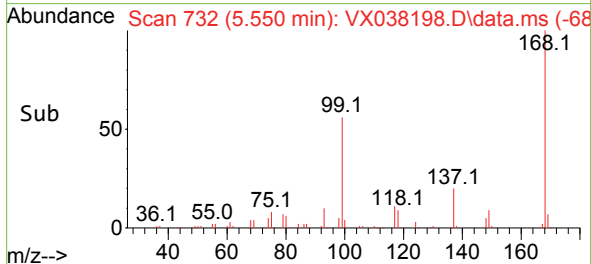
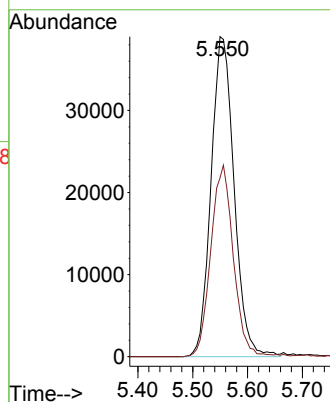
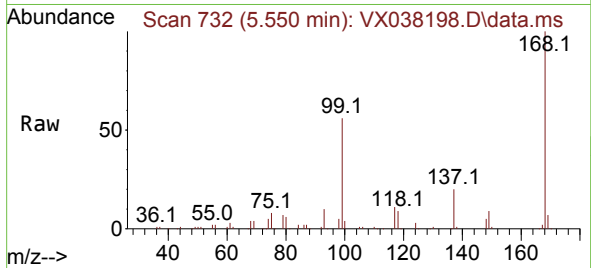




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

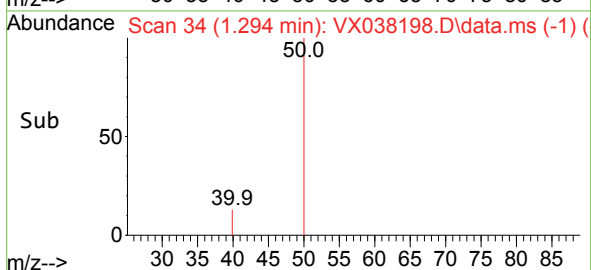
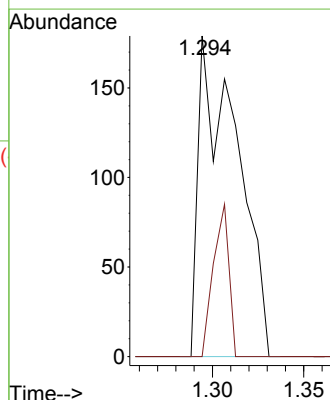
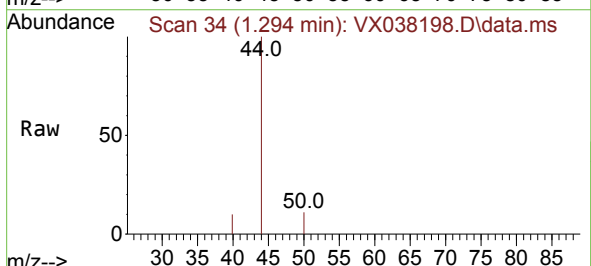
Instrument :
MSVOA_X
ClientSampleId :

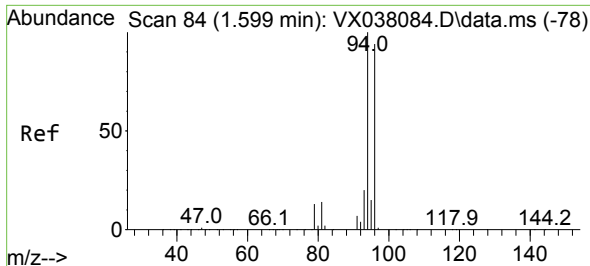
Tgt Ion:168 Resp: 113644
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#3
Chloromethane
Concen: 0.236 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion: 50 Resp: 264
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

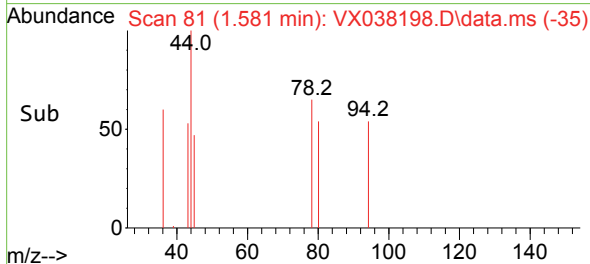
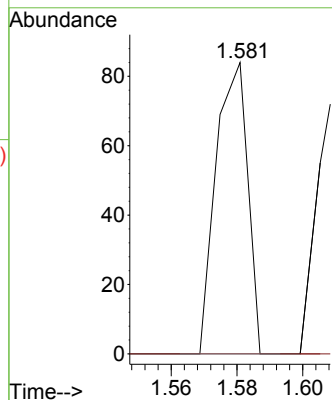
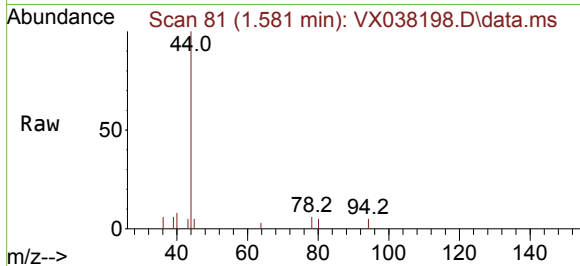




#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

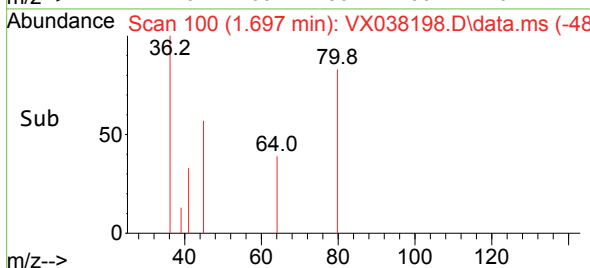
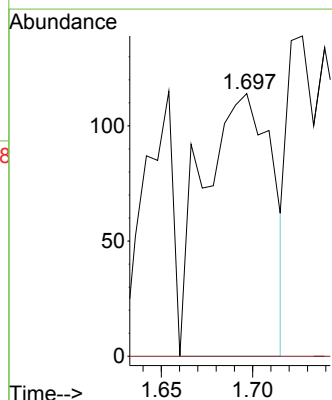
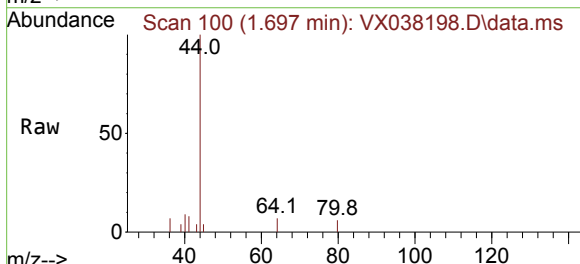
Instrument :
MSVOA_X
ClientSampleId :

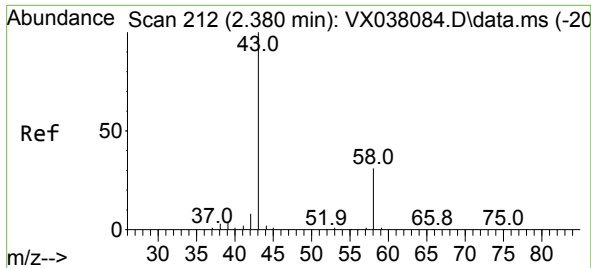
Tgt Ion: 94 Resp: 56
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion: 64 Resp: 300
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

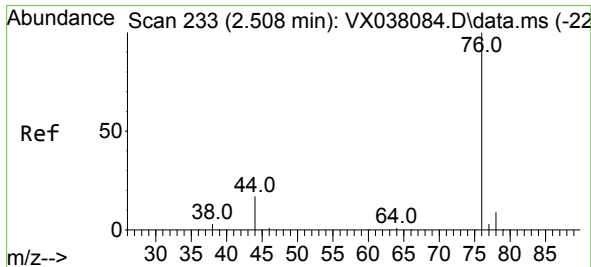
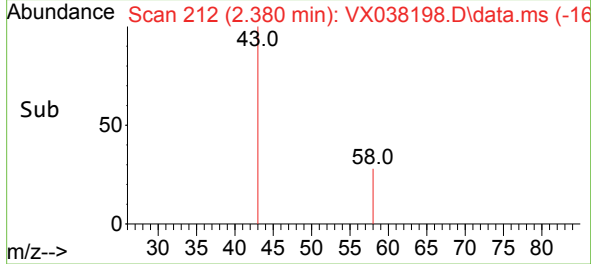
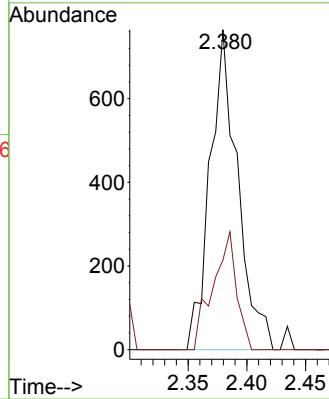
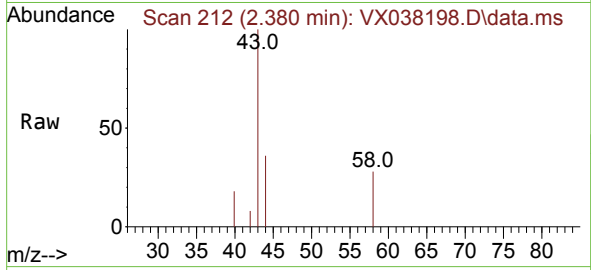




#16
Acetone
Concen: 1.645 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

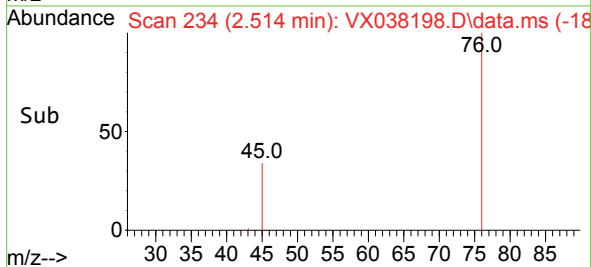
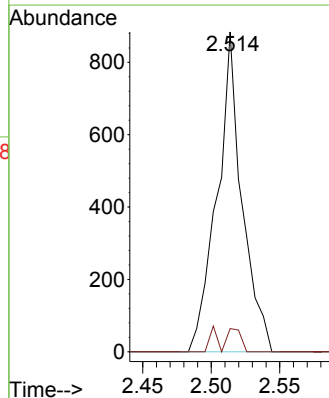
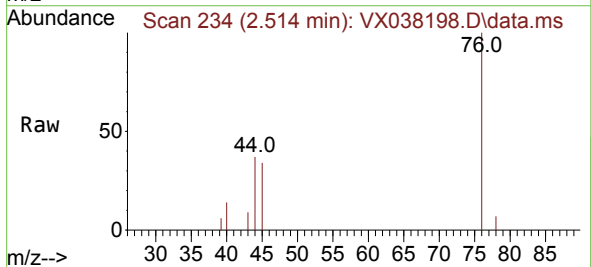
Instrument :
MSVOA_X
ClientSampleId :

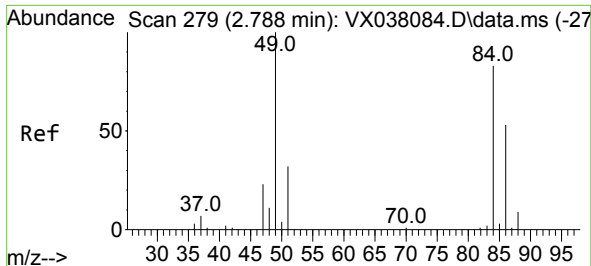
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
58 28.0 21.9 32.9



#17
Carbon Disulfide
Concen: 0.372 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion: 76 Resp: 1115
Ion Ratio Lower Upper
76 100
78 7.2 7.0 10.6





#20

Methylene Chloride

Concen: 0.202 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

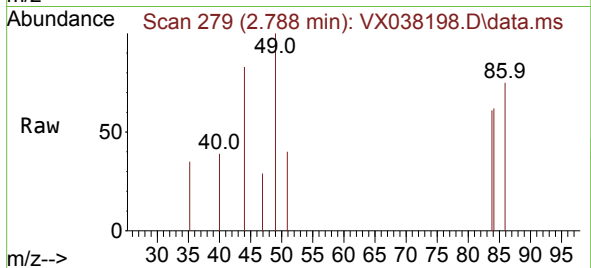
Lab File: VX038198.D

Acq: 10 Oct 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 290

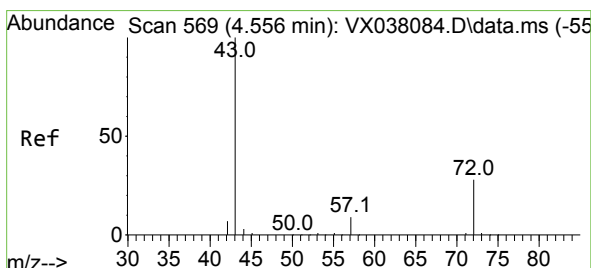
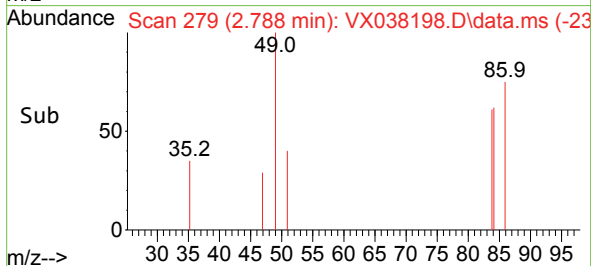
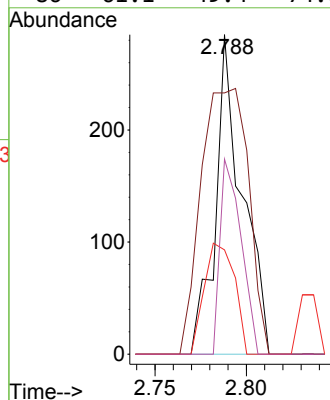
Ion Ratio Lower Upper

84 100

49 81.8 103.6 155.4#

51 32.6 33.8 50.6#

86 61.1 49.4 74.0



#25

2-Butanone

Concen: 0.818 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.024 min

Lab File: VX038198.D

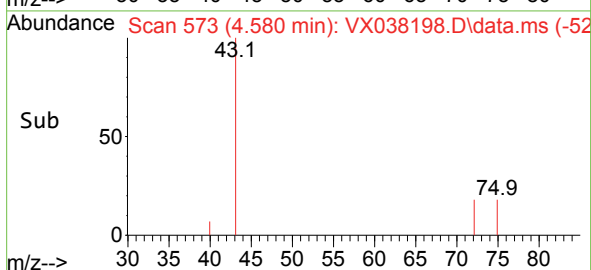
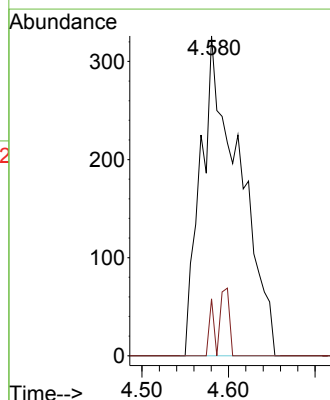
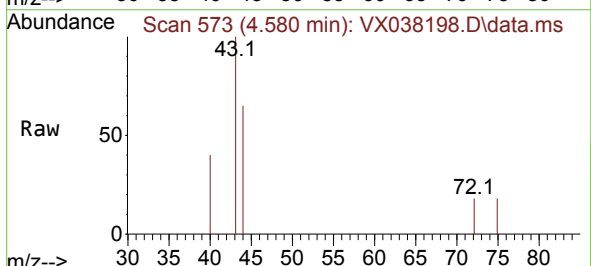
Acq: 10 Oct 2023 14:00

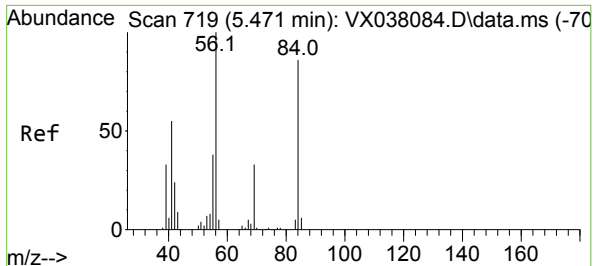
Tgt Ion: 43 Resp: 1007

Ion Ratio Lower Upper

43 100

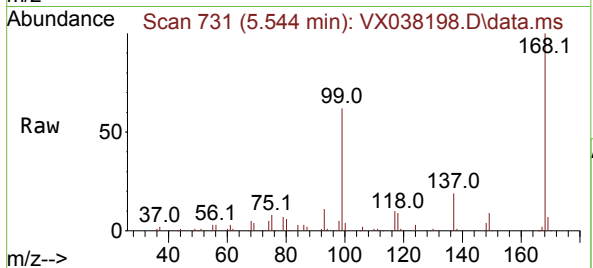
72 17.8 19.4 29.2#



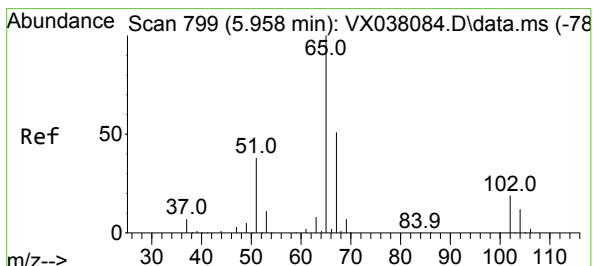
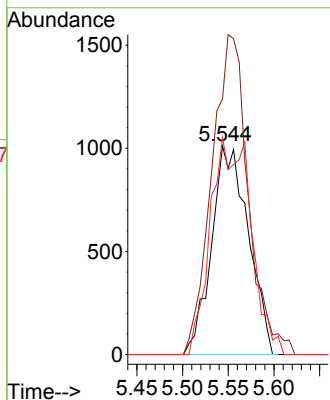
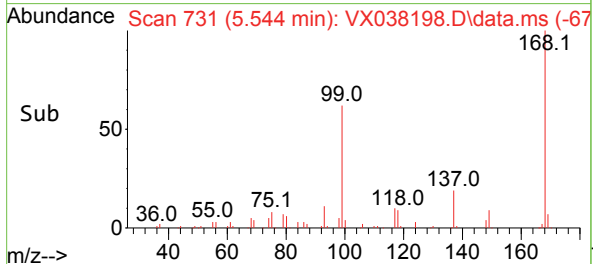


#31
Cyclohexane
Concen: 1.427 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :

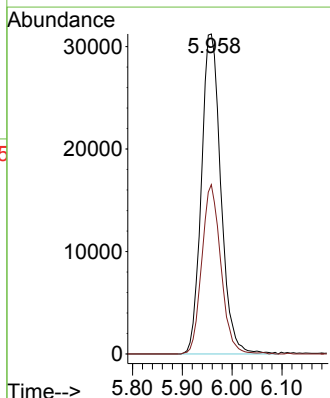
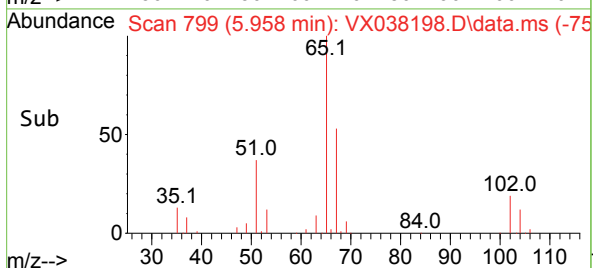
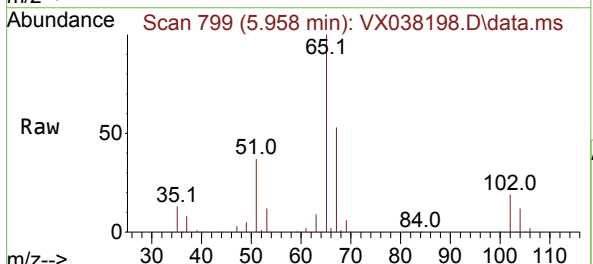


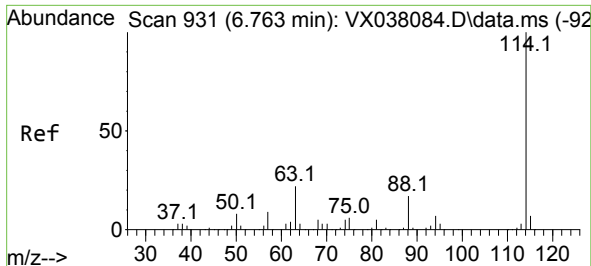
Tgt Ion: 56 Resp: 2826
Ion Ratio Lower Upper
56 100
69 122.7 23.4 35.2#
84 104.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.325 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion: 65 Resp: 84677
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

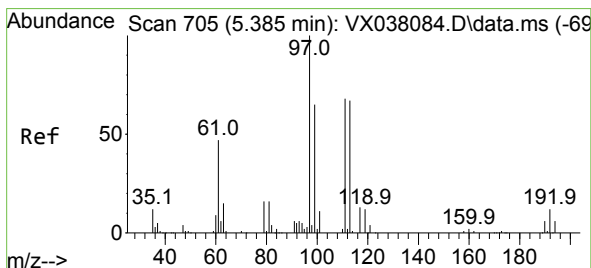
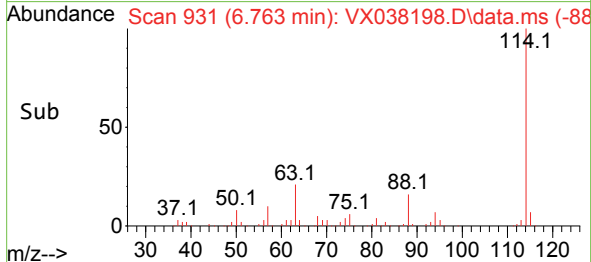
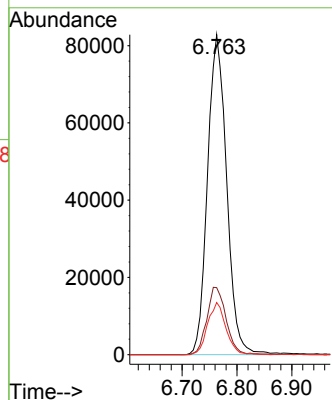
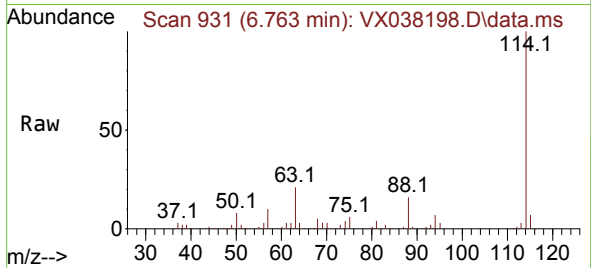




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

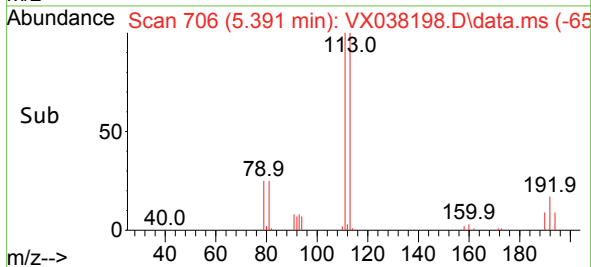
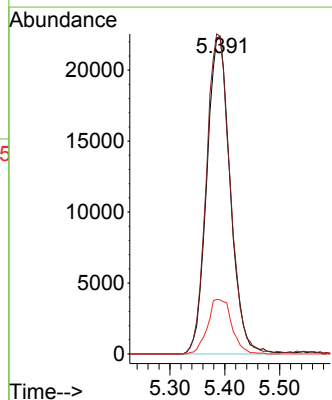
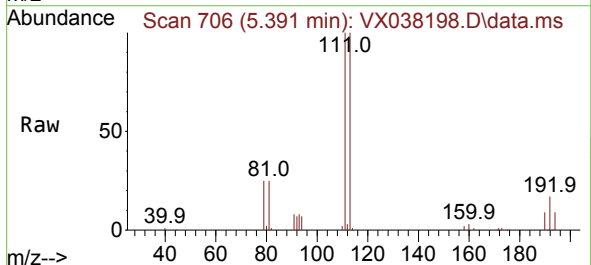
Instrument :
MSVOA_X
ClientSampleId :

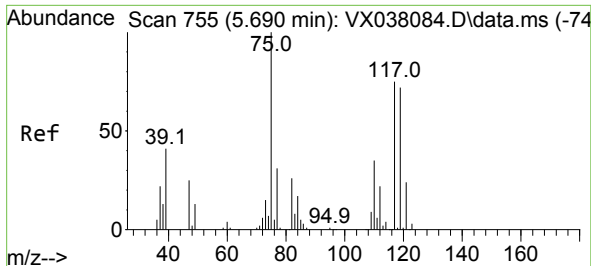
Tgt Ion:114 Resp: 200500
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.939 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion:113 Resp: 66369
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 17.8 13.3 19.9

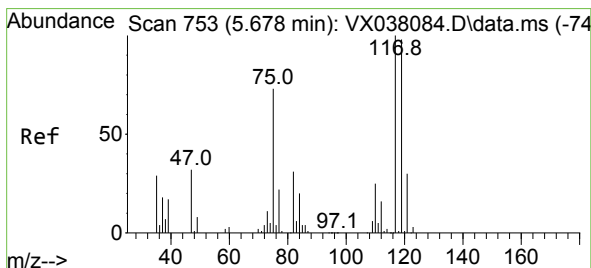
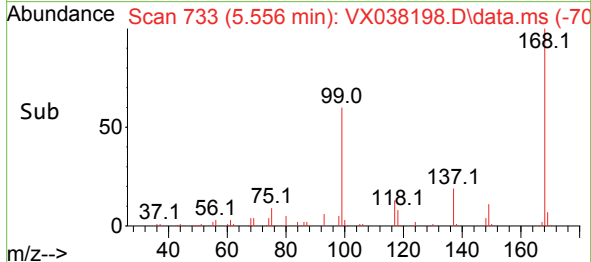
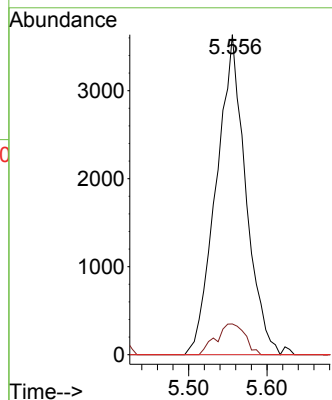
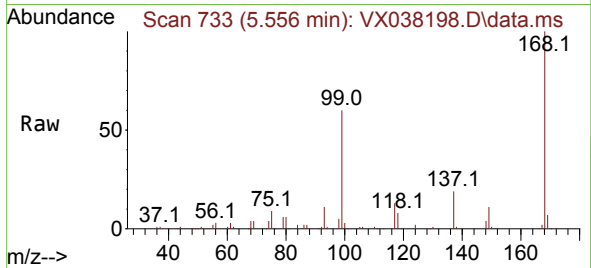




#36
1,1-Dichloropropene
Concen: 4.769 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

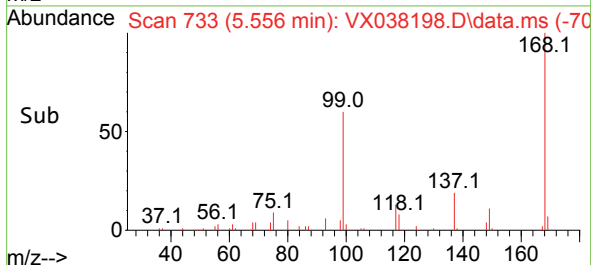
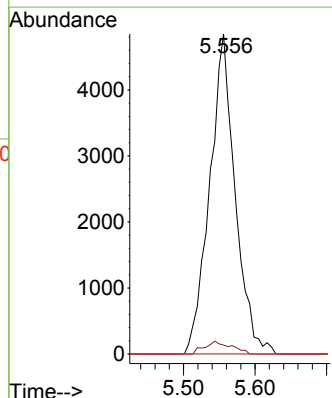
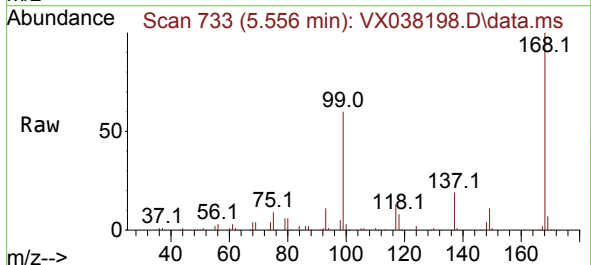
Instrument :
MSVOA_X
ClientSampleId :

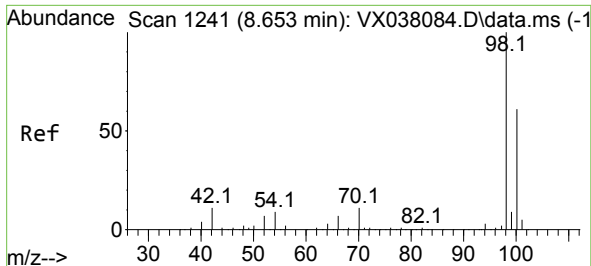
Tgt Ion: 75 Resp: 9502
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.122 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion: 117 Resp: 11998
Ion Ratio Lower Upper
117 100
119 2.8 78.2 117.2#
121 0.0 24.4 36.6#

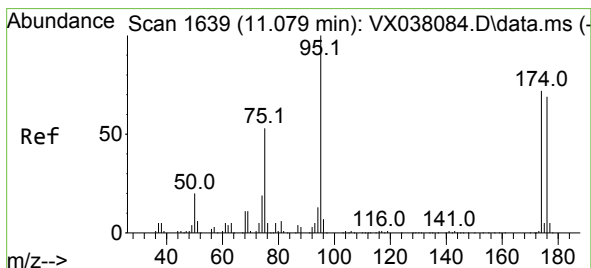
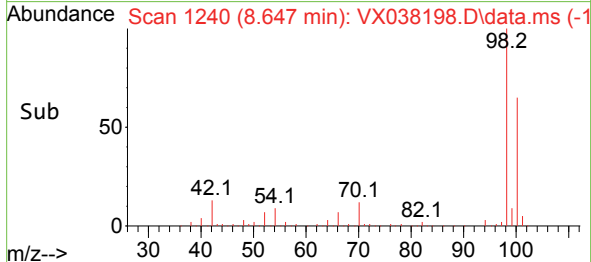
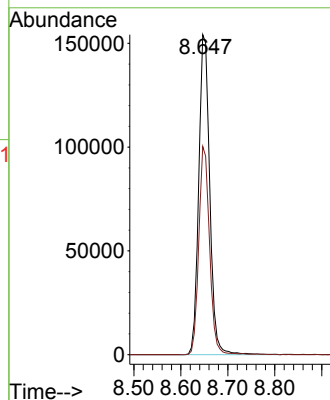
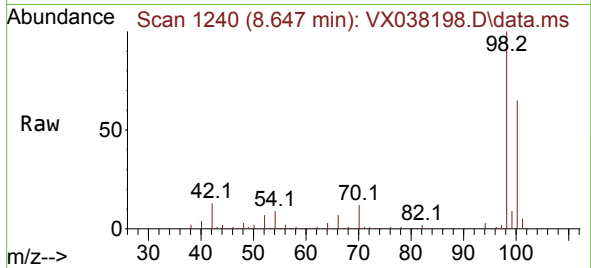




#50
Toluene-d8
Concen: 45.600 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

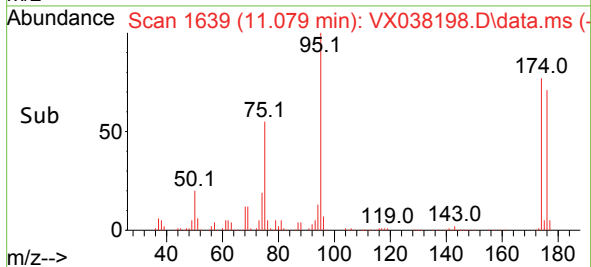
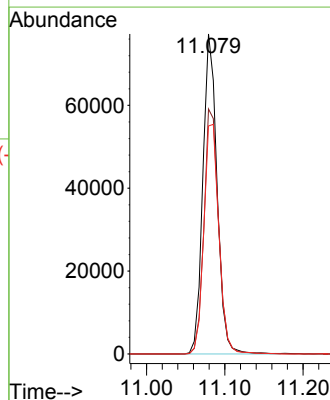
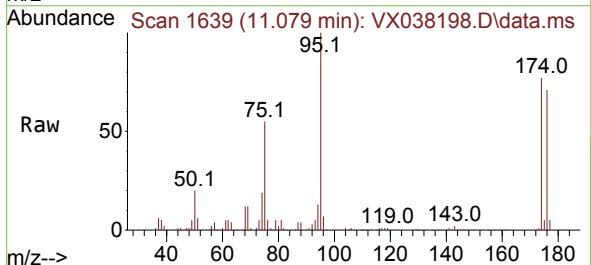
Instrument :
MSVOA_X
ClientSampleId :

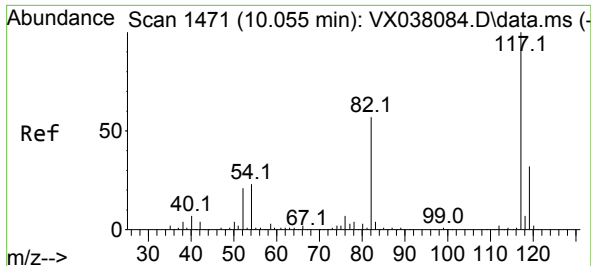
Tgt Ion: 98 Resp: 251740
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

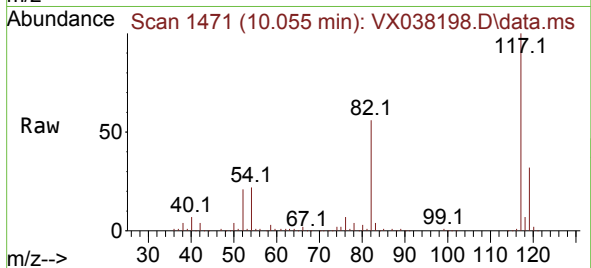
Tgt Ion: 95 Resp: 97100
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 76.5 0.0 131.0



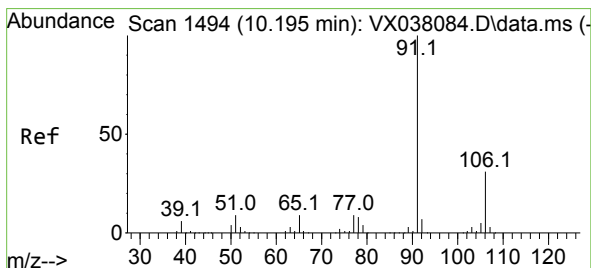
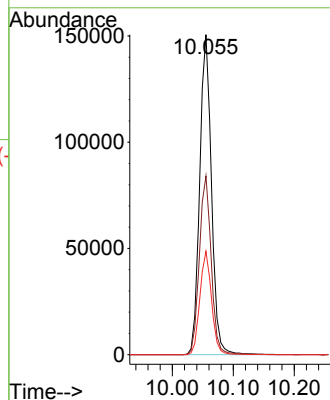
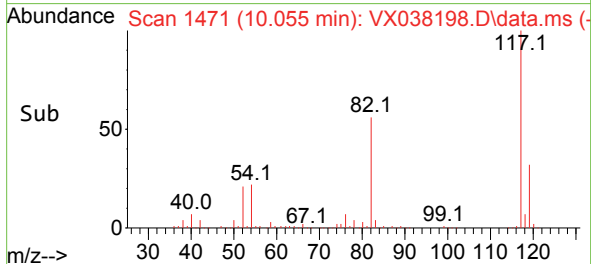


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :

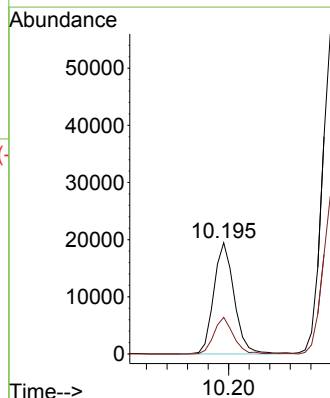
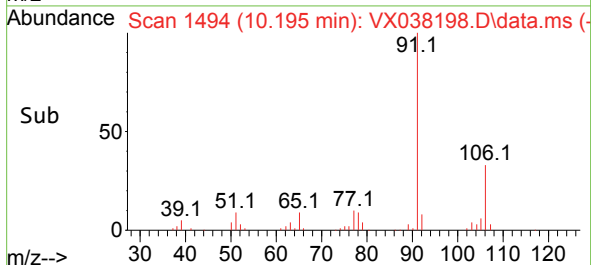
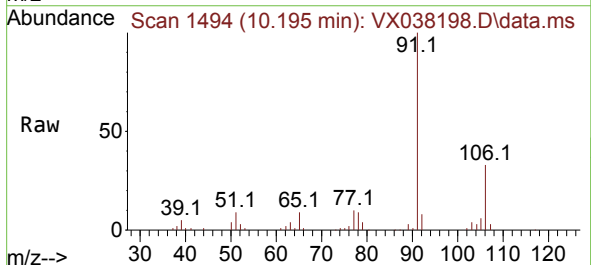


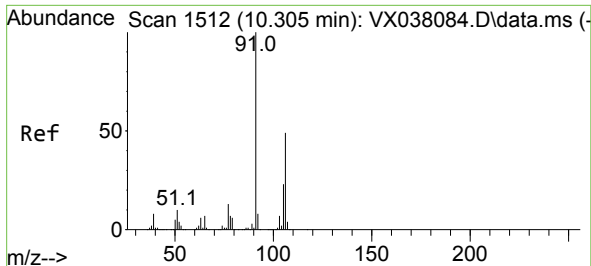
Tgt Ion:117 Resp: 201864
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 3.556 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion: 91 Resp: 26813
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3

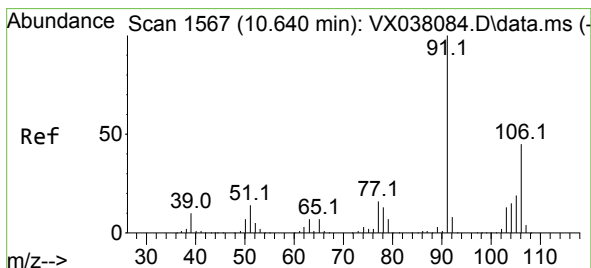
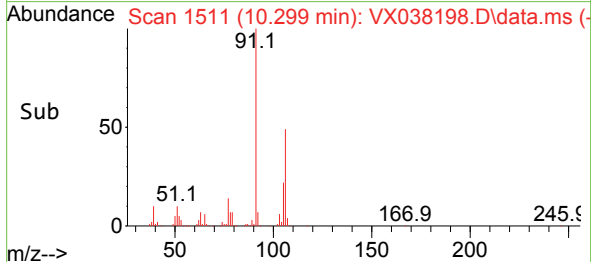
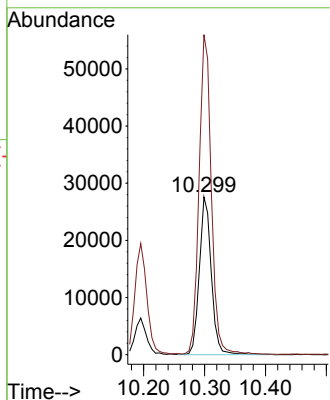
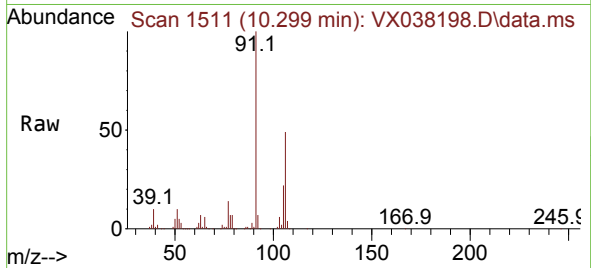




#68
m/p-Xylenes
Concen: 12.976 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

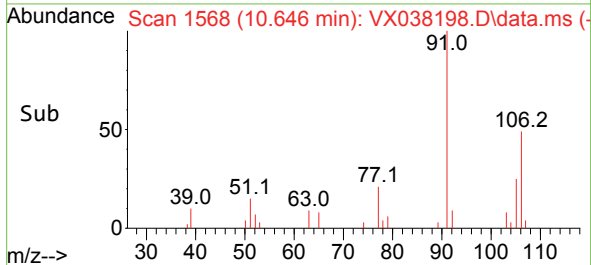
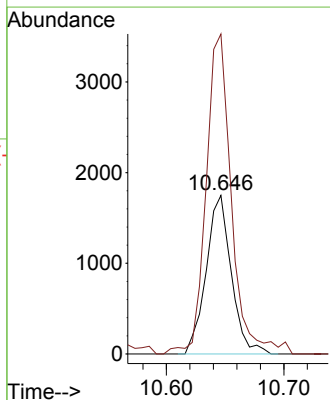
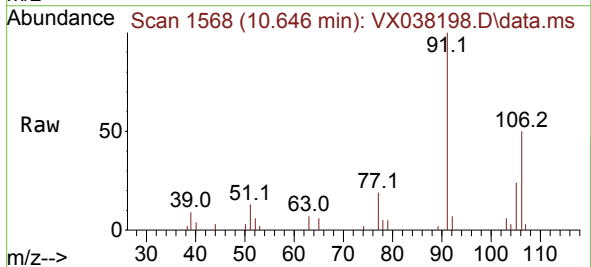
Instrument :
MSVOA_X
ClientSampleId :

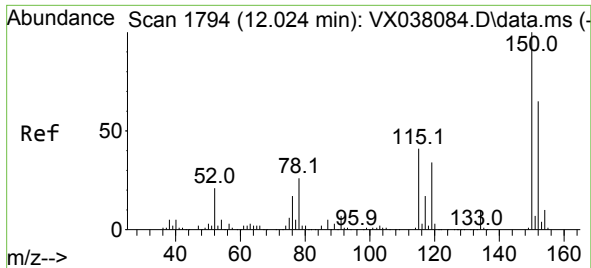
Tgt Ion:106 Resp: 37831
Ion Ratio Lower Upper
106 100
91 207.2 165.5 248.3



#69
o-Xylene
Concen: 0.913 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

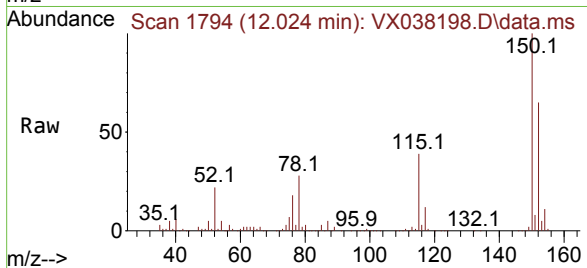
Tgt Ion:106 Resp: 2599
Ion Ratio Lower Upper
106 100
91 203.7 108.9 326.8



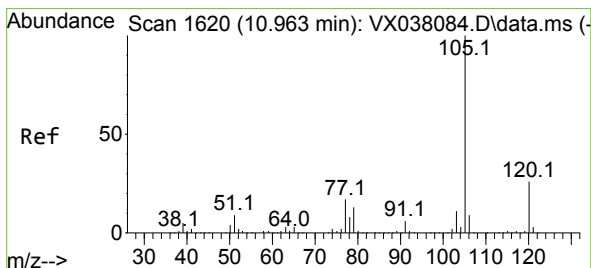
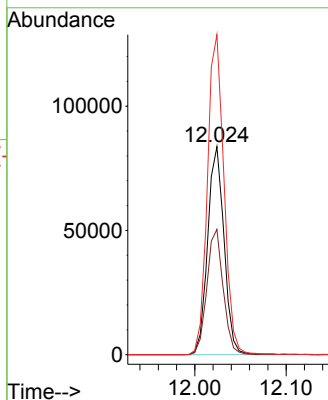
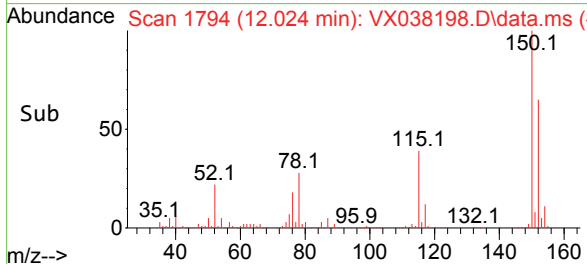


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038198.D
 Acq: 10 Oct 2023 14:00

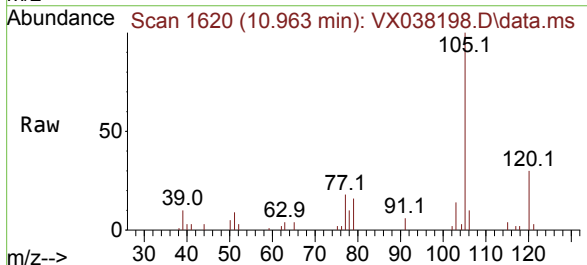
Instrument :
 MSVOA_X
 ClientSampleId :



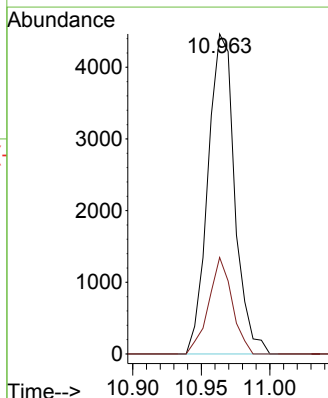
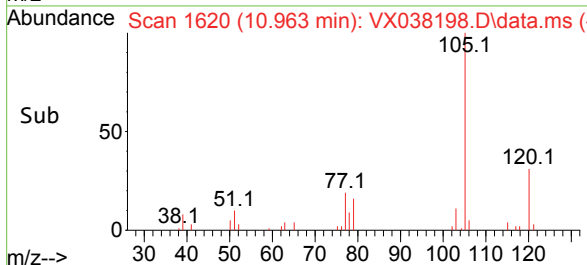
Tgt Ion:152 Resp: 104181
 Ion Ratio Lower Upper
 152 100
 115 59.9 43.3 129.9
 150 155.4 0.0 345.0

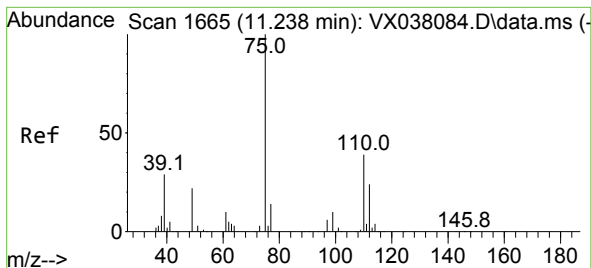


#73
 Isopropylbenzene
 Concen: 0.866 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX038198.D
 Acq: 10 Oct 2023 14:00



Tgt Ion:105 Resp: 6048
 Ion Ratio Lower Upper
 105 100
 120 26.5 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 22.390 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX038198.D

Acq: 10 Oct 2023 14:00

Instrument :

MSVOA_X

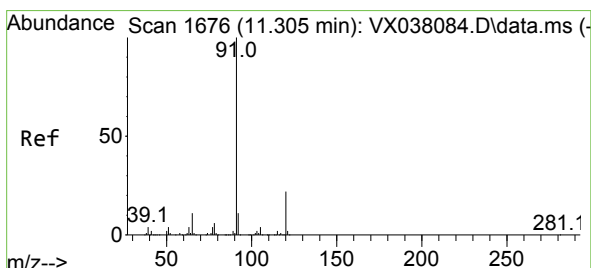
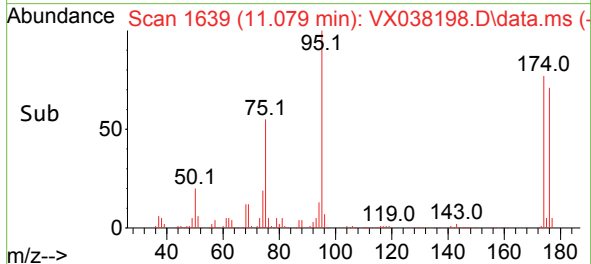
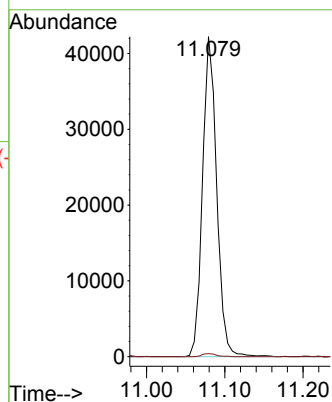
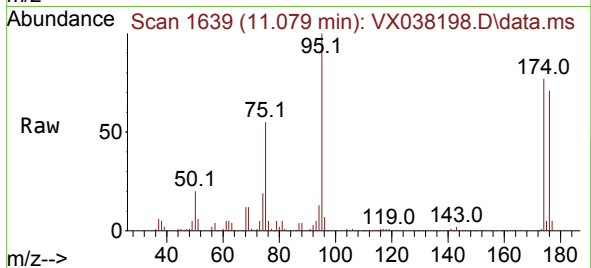
ClientSampleId :

Tgt Ion: 75 Resp: 53028

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#78

n-propylbenzene

Concen: 0.267 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX038198.D

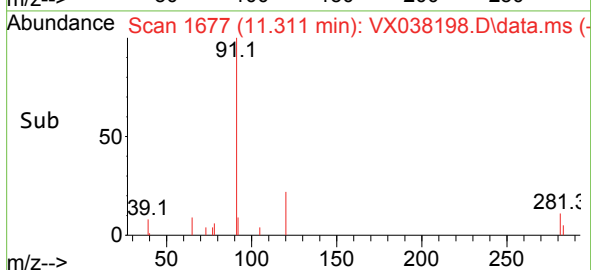
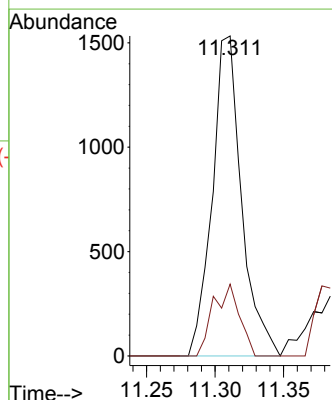
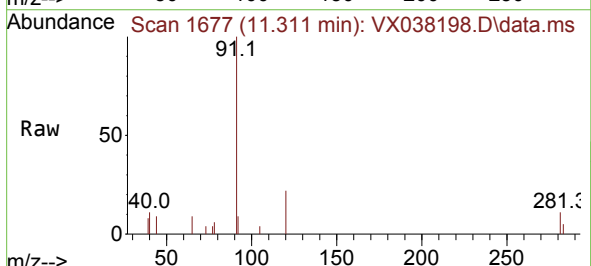
Acq: 10 Oct 2023 14:00

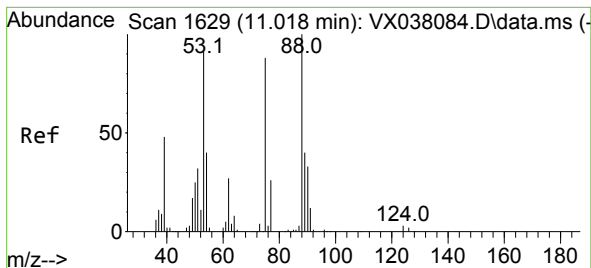
Tgt Ion: 91 Resp: 2278

Ion Ratio Lower Upper

91 100

120 20.1 11.5 34.4

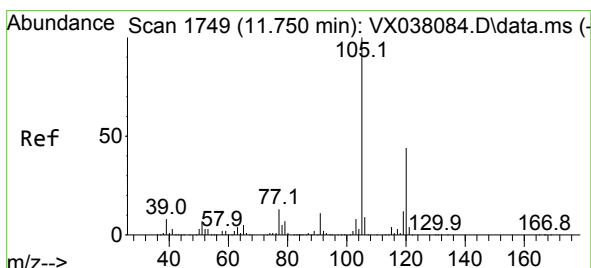
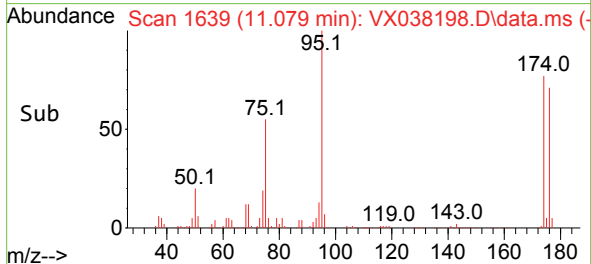
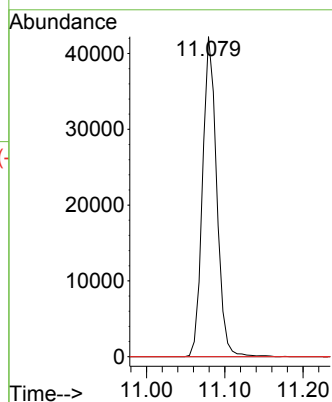
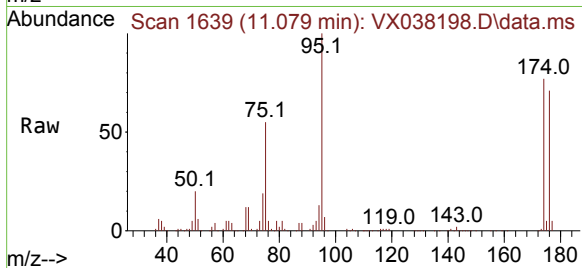




#81
trans-1,4-Dichloro-2-butene
Concen: 64.136 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53028
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.259 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion: 105 Resp: 1558
Ion Ratio Lower Upper
105 100
120 37.1 21.2 63.6

