

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038302.D
 Acq On : 16 Oct 2023 14:34
 Operator : JC/MD
 Sample : 04899-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:22:44 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)

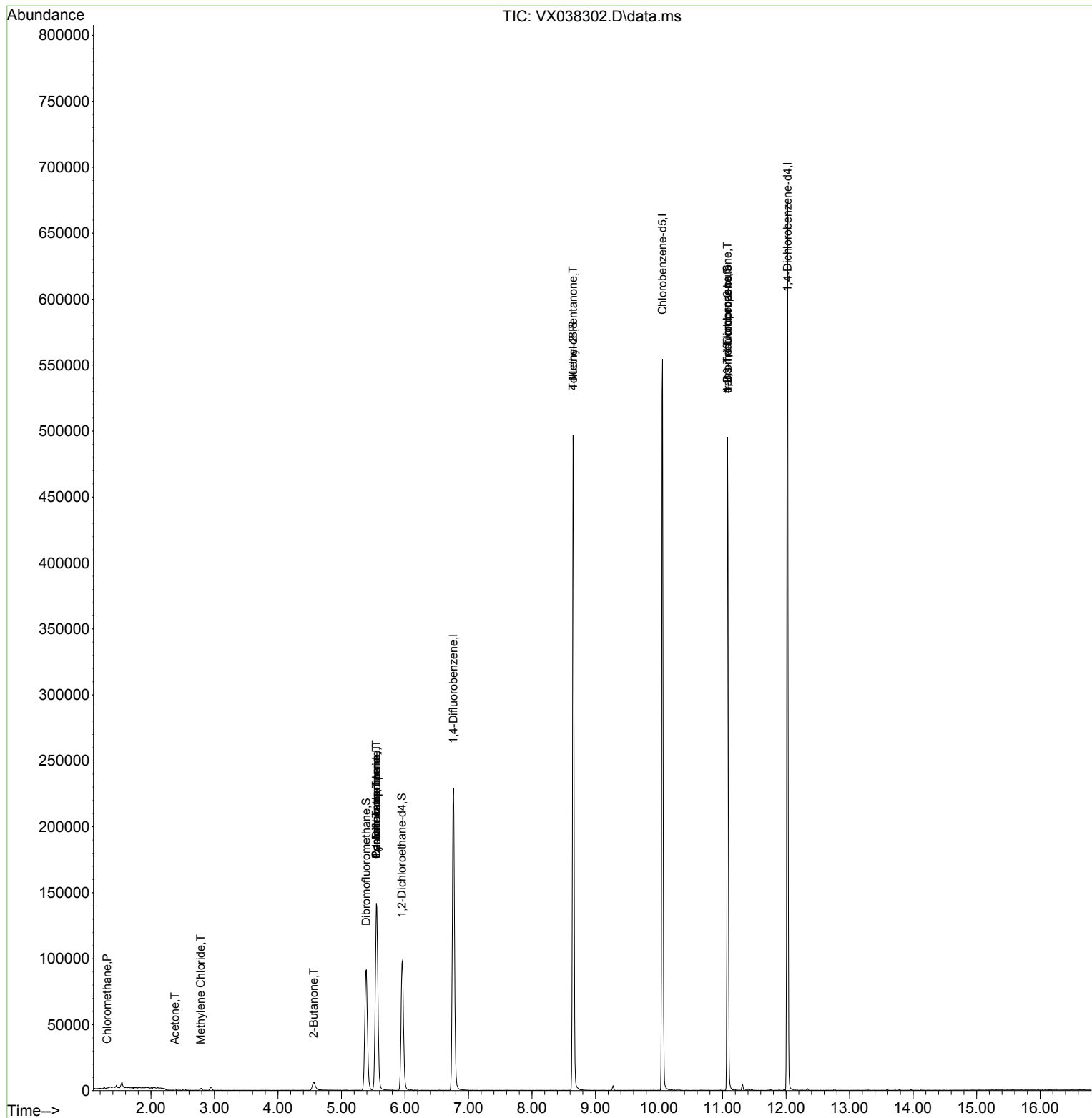
Internal Standards						
1) Pentafluorobenzene	5.550	168	132841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96942	45.371	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.740%
35) Dibromofluoromethane	5.385	113	79088	46.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.647	98	299387	45.649	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.300%#
62) 4-Bromofluorobenzene	11.079	95	126701	50.958	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	318	0.243	ug/l #	43
5) Bromomethane	1.532	94	63	Below Cal	#	3
6) Chloroethane	1.679	64	71	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	1551	Below Cal	#	78
16) Acetone	2.380	43	1154	1.294	ug/l	95
20) Methylene Chloride	2.782	84	802	0.478	ug/l #	82
25) 2-Butanone	4.562	43	330	0.229	ug/l #	51
31) Cyclohexane	5.550	56	3071	1.327	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	11514	4.865	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13424	5.766	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1236	0.427	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	69059	21.931	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	69059	62.904	ug/l #	5

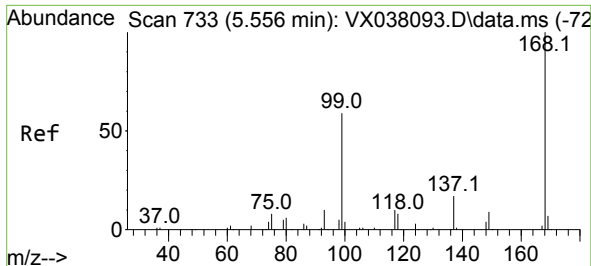
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
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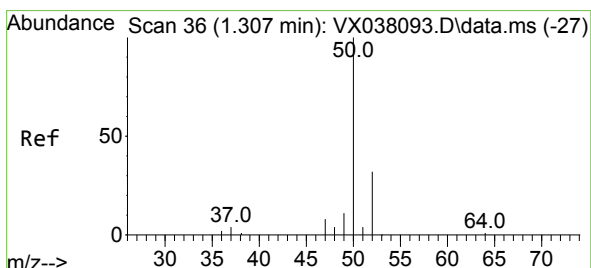
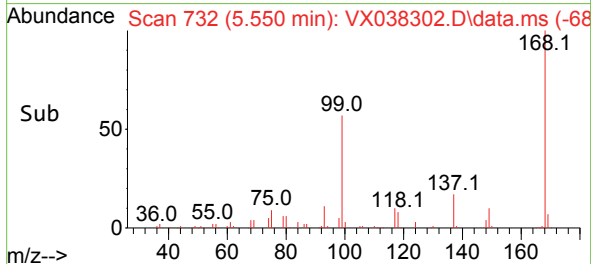
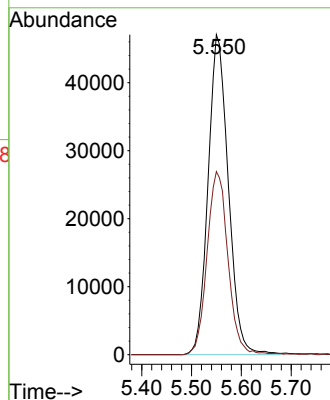
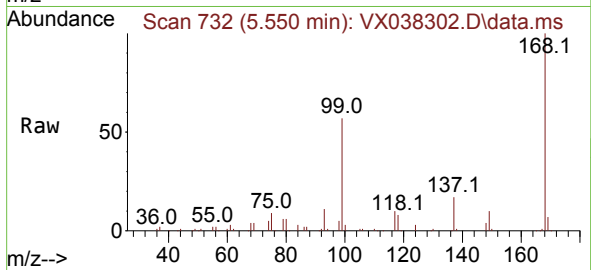




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

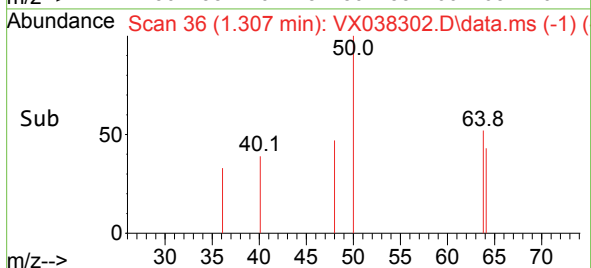
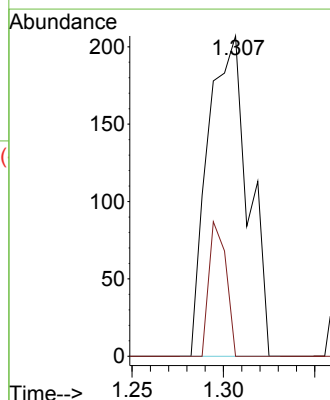
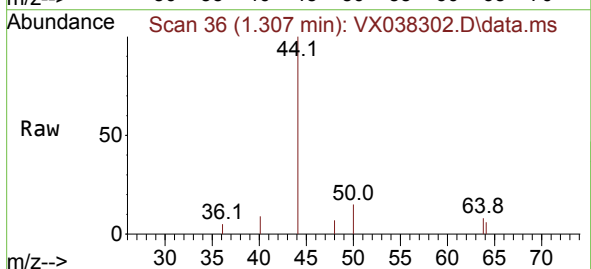
Instrument :
MSVOA_X
ClientSampleId :

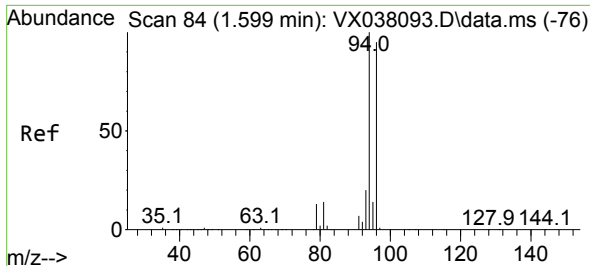
Tgt Ion:168 Resp: 132841
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

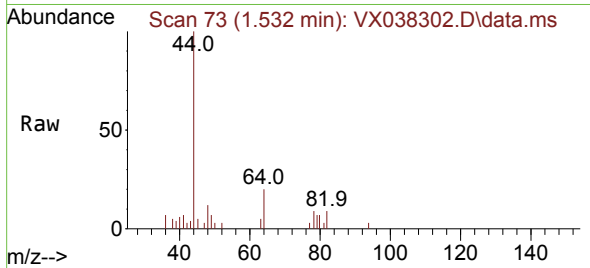
Tgt Ion: 50 Resp: 318
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



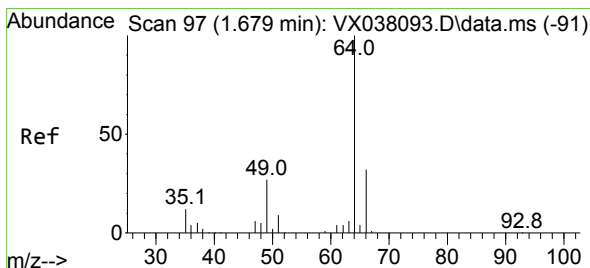
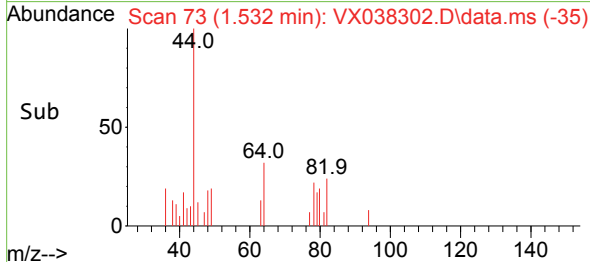
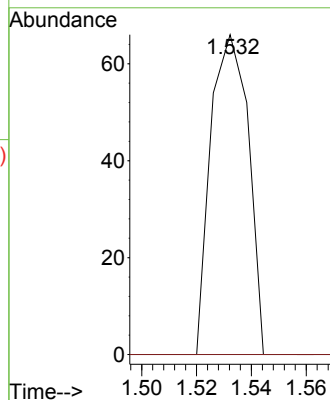


#5
Bromomethane
Concen: Below Cal
RT: 1.532 min Scan# 71
Delta R.T. -0.067 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

Instrument :
MSVOA_X
ClientSampleId :

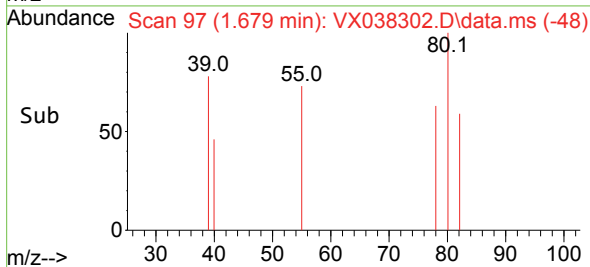
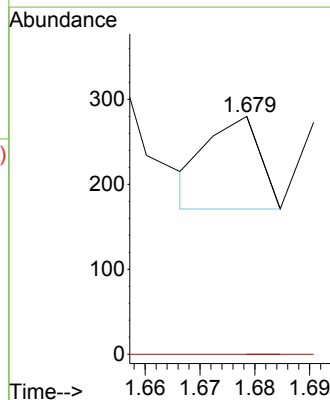
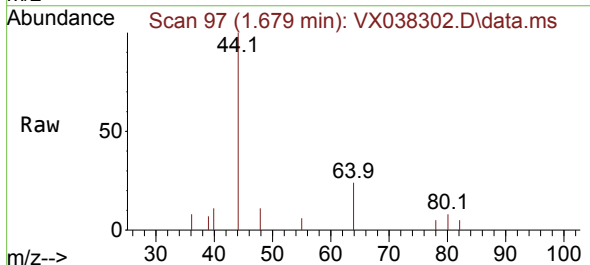


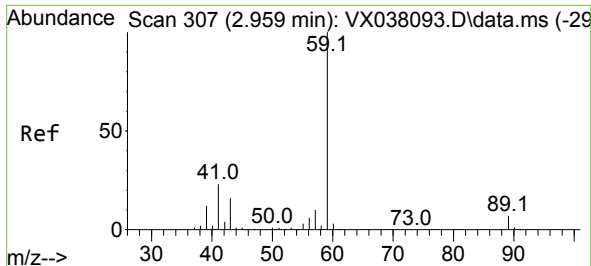
Tgt Ion: 94 Resp: 63
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

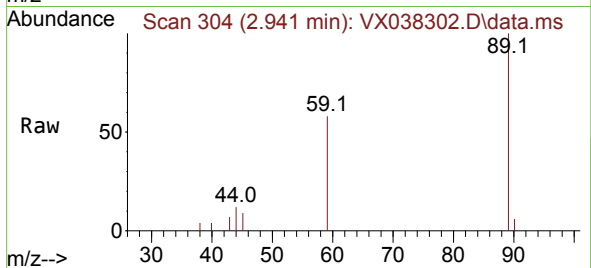
Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



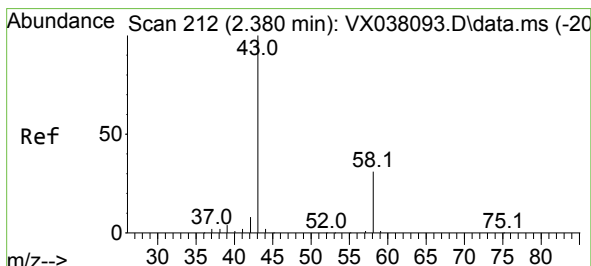
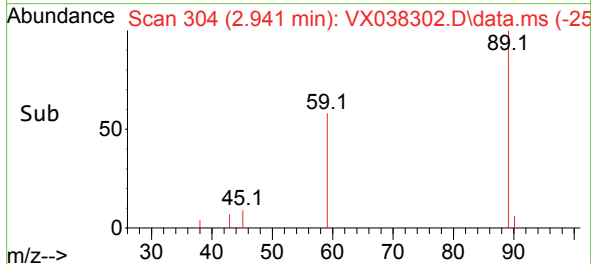
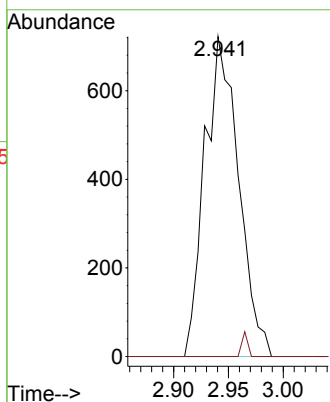


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

Instrument :
MSVOA_X
ClientSampleId :

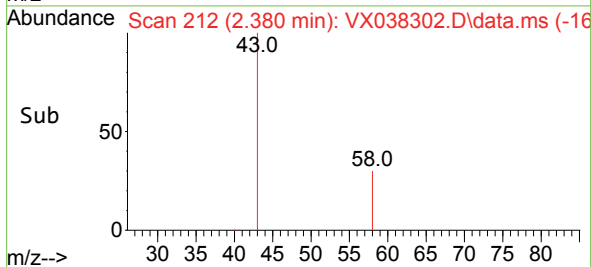
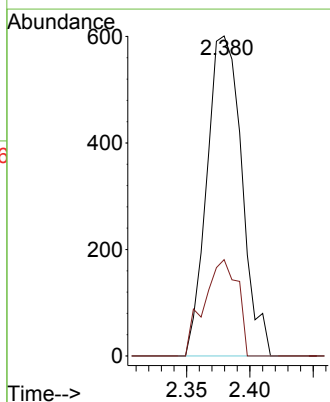
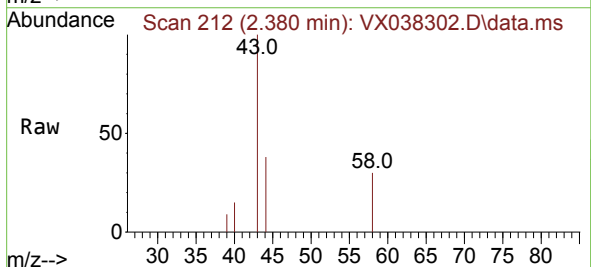


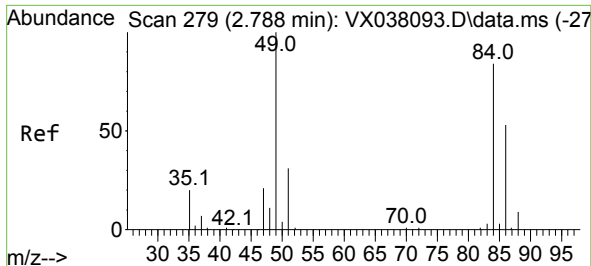
Tgt Ion: 59 Resp: 1551
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.294 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





#20

Methylene Chloride

Concen: 0.478 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

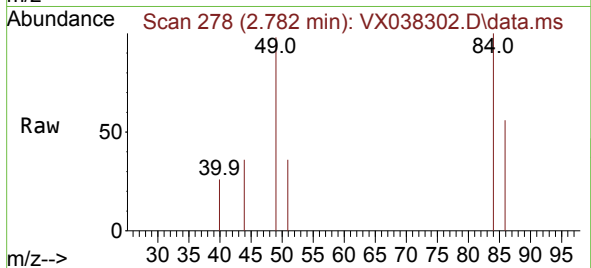
Lab File: VX038302.D

Acq: 16 Oct 2023 14:34

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 802

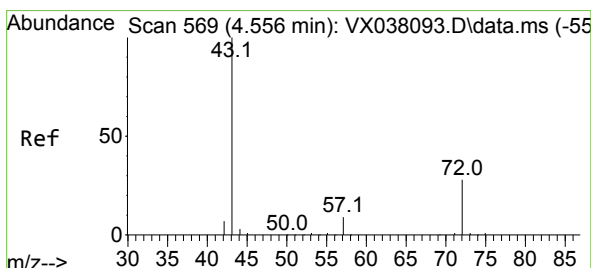
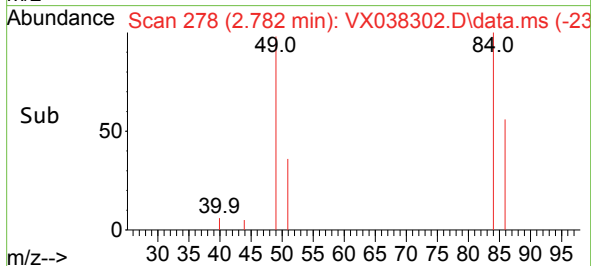
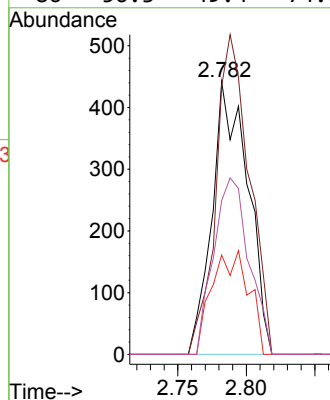
Ion Ratio Lower Upper

84 100

49 98.4 103.6 155.4#

51 36.4 33.8 50.6

86 56.3 49.4 74.0



#25

2-Butanone

Concen: 0.229 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX038302.D

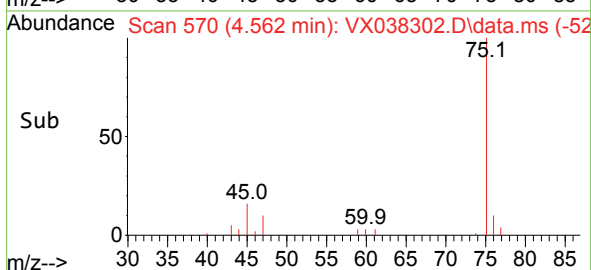
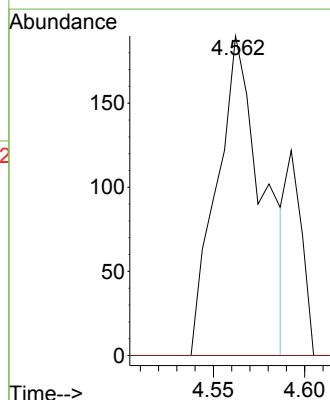
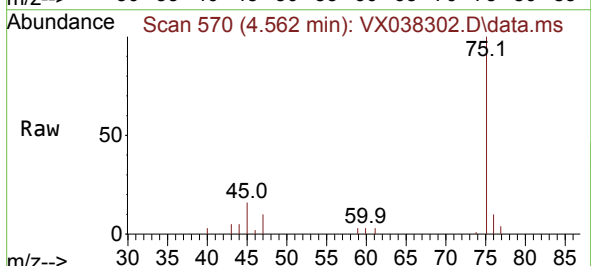
Acq: 16 Oct 2023 14:34

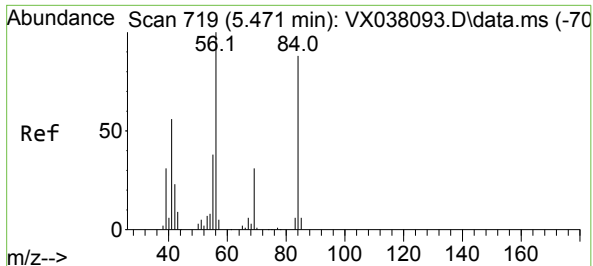
Tgt Ion: 43 Resp: 330

Ion Ratio Lower Upper

43 100

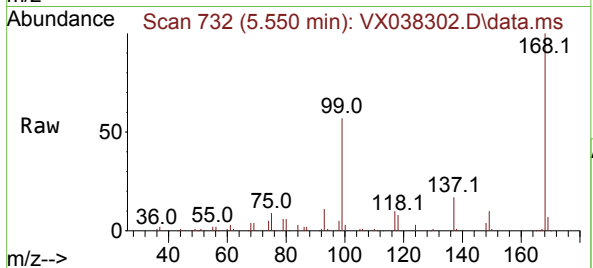
72 0.0 19.4 29.2#



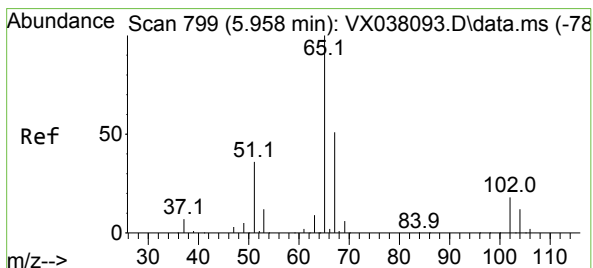
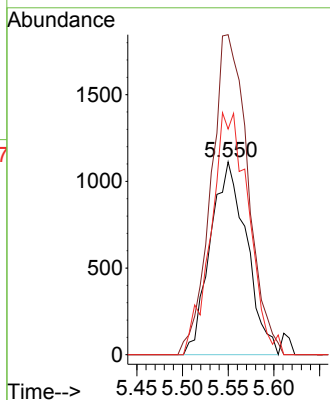
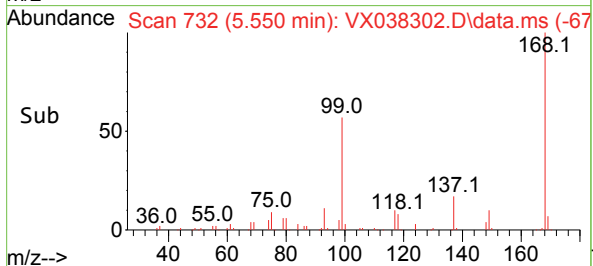


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

Instrument :
MSVOA_X
ClientSampleId :

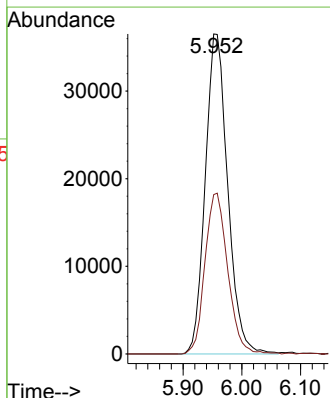
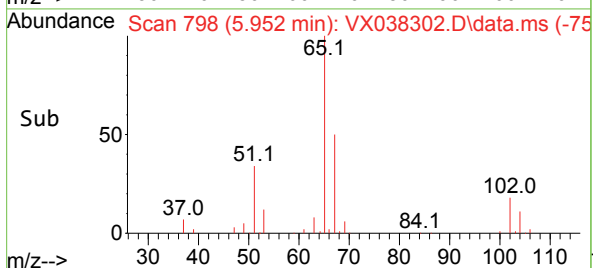
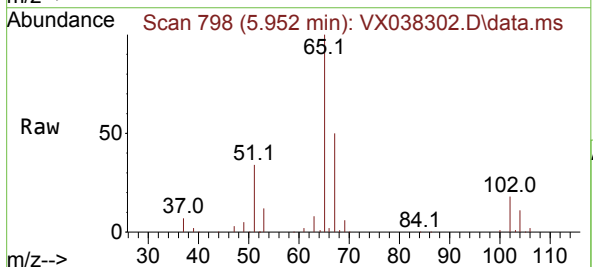


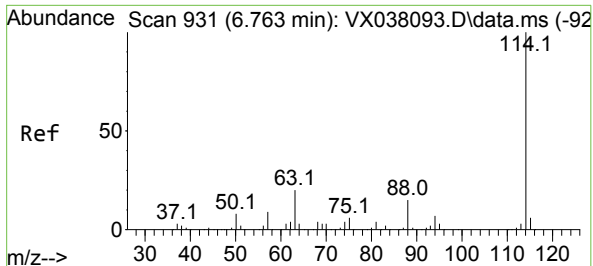
Tgt Ion: 56 Resp: 3071
Ion Ratio Lower Upper
56 100
69 166.0 23.4 35.2#
84 117.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.371 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

Tgt Ion: 65 Resp: 96942
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

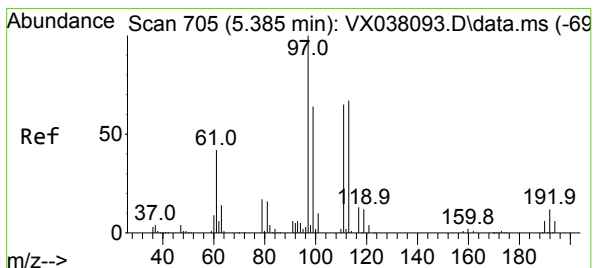
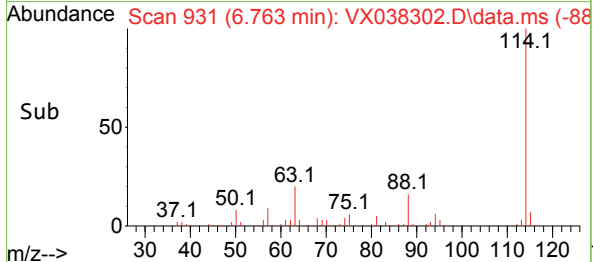
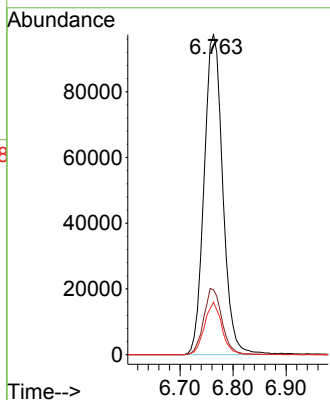
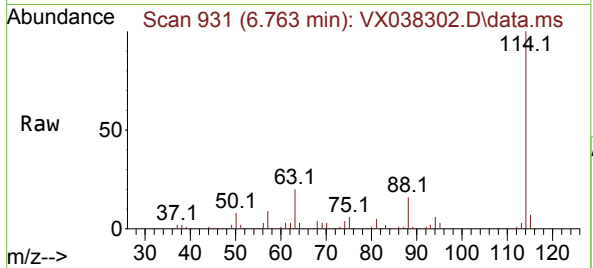




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

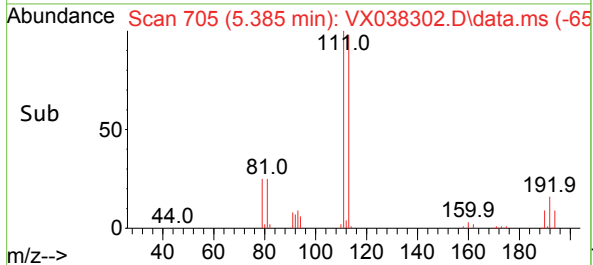
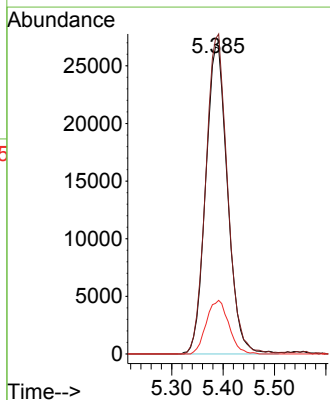
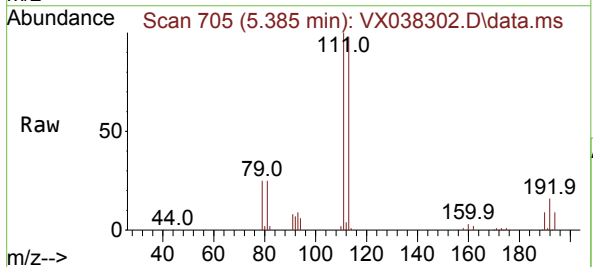
Instrument :
MSVOA_X
ClientSampleId :

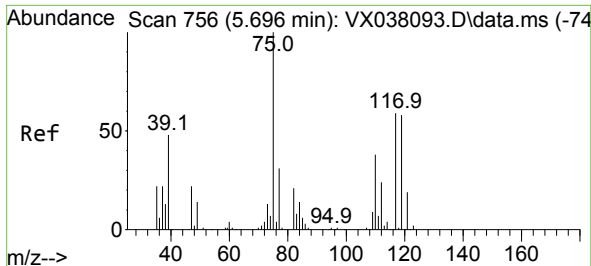
Tgt Ion:114 Resp: 238192
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.080 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

Tgt Ion:113 Resp: 79088
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 17.8 13.3 19.9

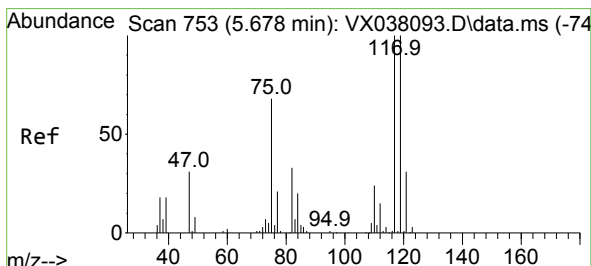
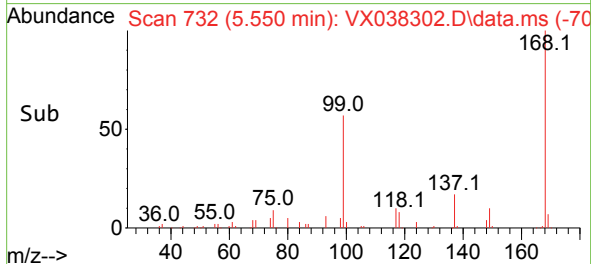
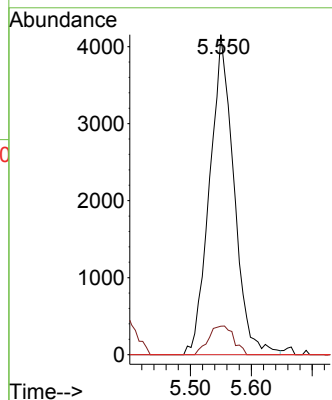
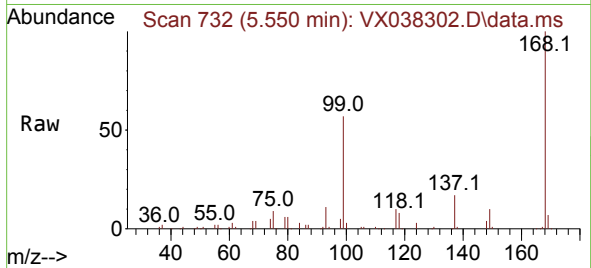




#36
1,1-Dichloropropene
Concen: 4.865 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

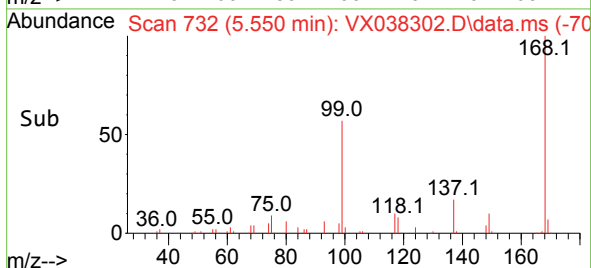
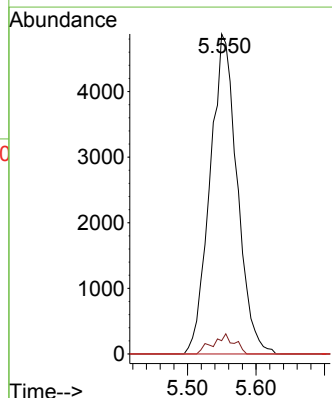
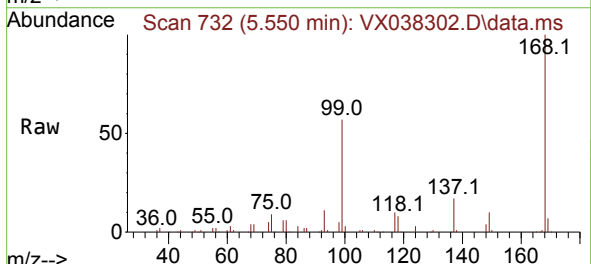
Instrument :
MSVOA_X
ClientSampleId :

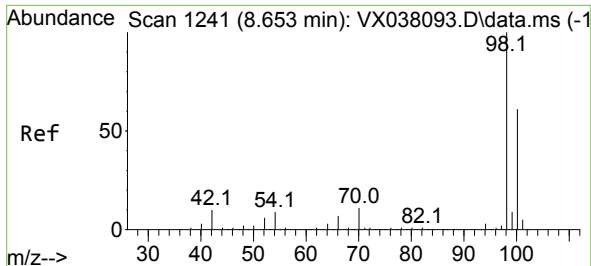
Tgt Ion: 75 Resp: 11514
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.766 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

Tgt Ion: 117 Resp: 13424
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

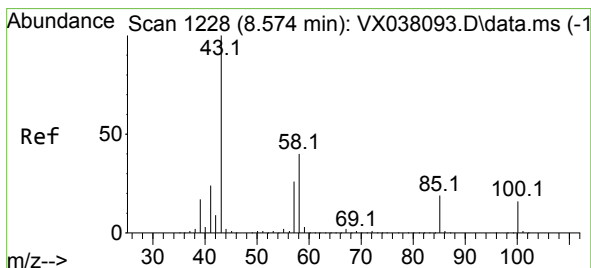
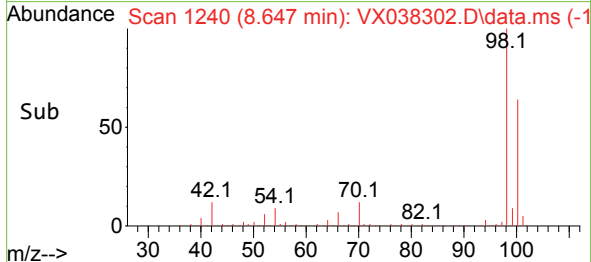
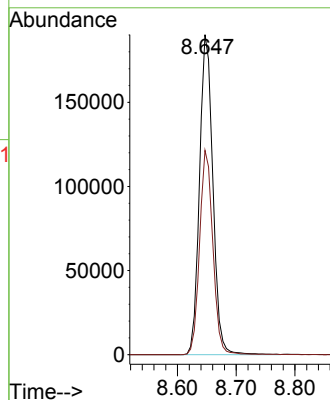
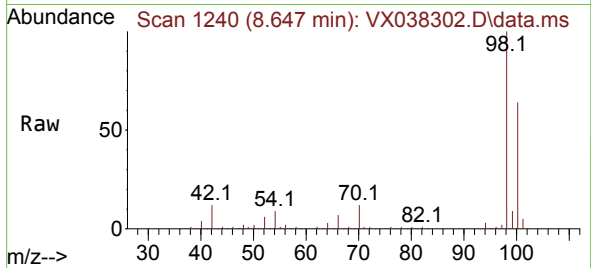




#50
Toluene-d8
Concen: 45.649 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

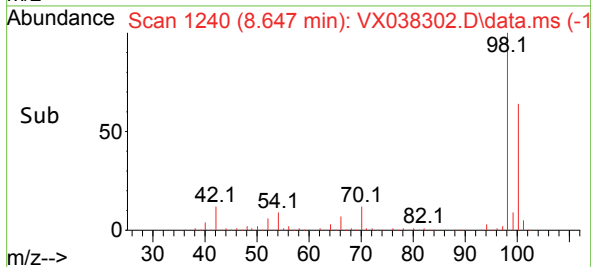
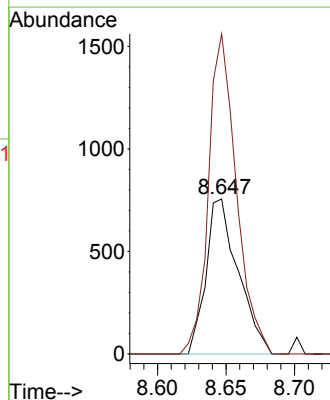
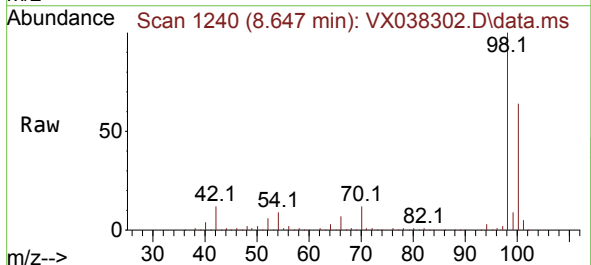
Instrument :
MSVOA_X
ClientSampleId :

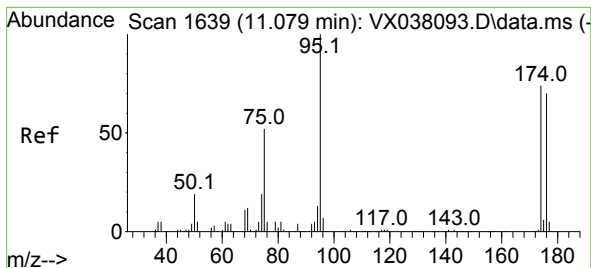
Tgt Ion: 98 Resp: 299387
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.427 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

Tgt Ion: 43 Resp: 1236
Ion Ratio Lower Upper
43 100
58 178.7 30.4 45.6#

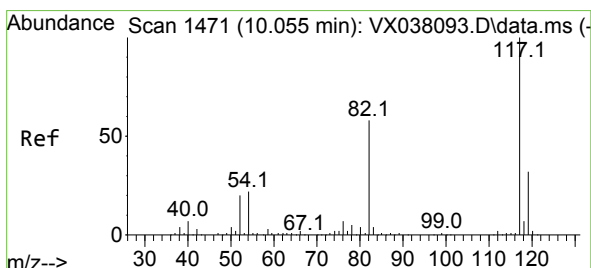
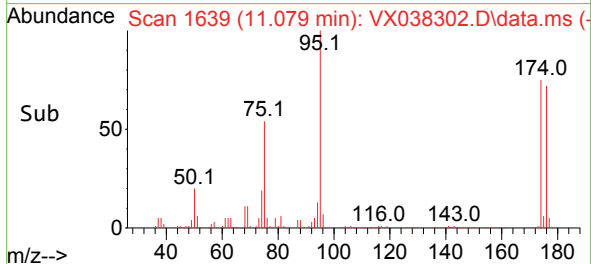
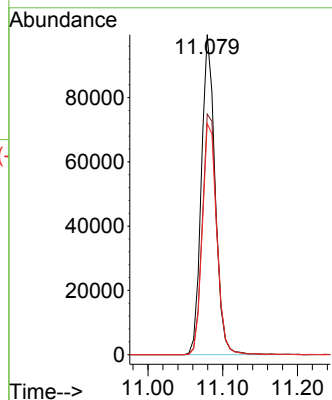
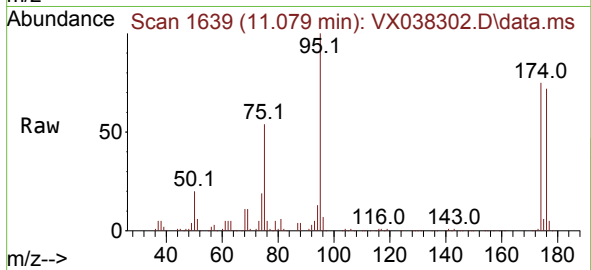




#62
4-Bromofluorobenzene
Concen: 50.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

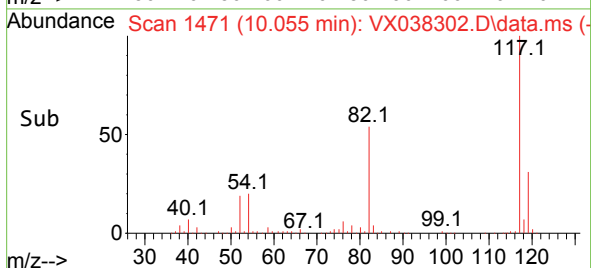
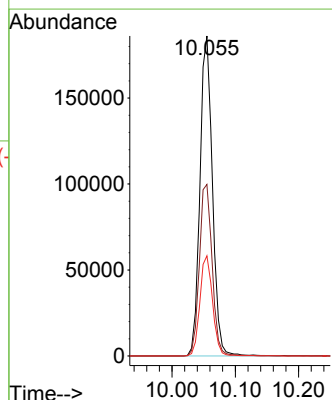
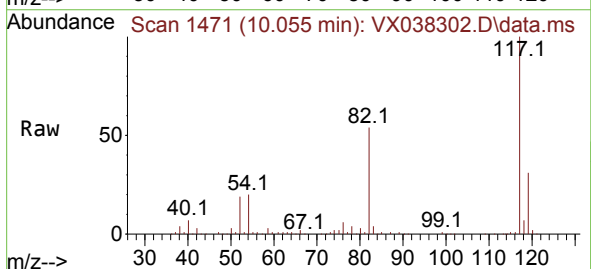
Instrument :
MSVOA_X
ClientSampleId :

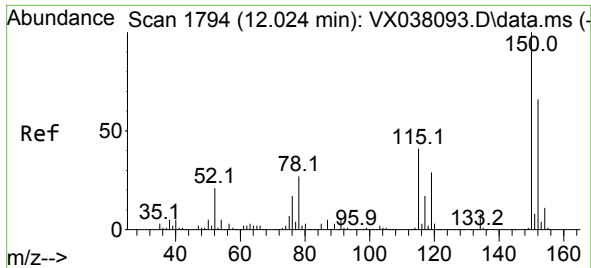
Tgt Ion: 95 Resp: 126701
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 76.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038302.D
Acq: 16 Oct 2023 14:34

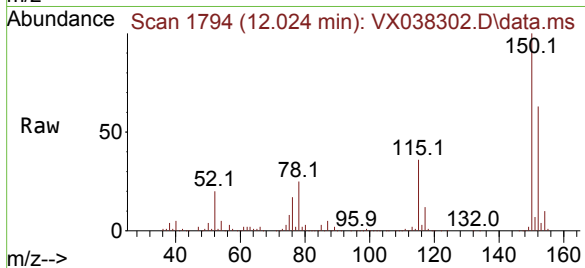
Tgt Ion: 117 Resp: 255519
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 31.3 25.5 38.3



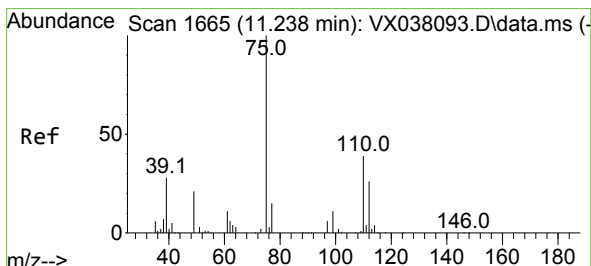
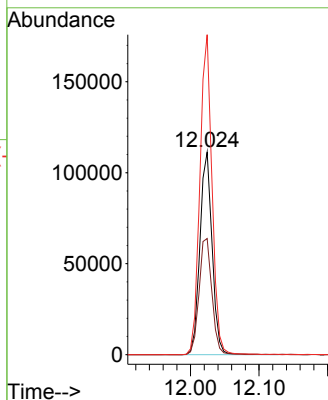
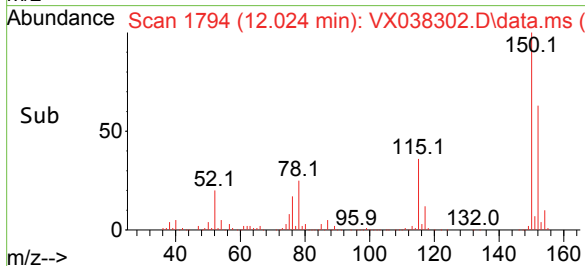


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX038302.D
 Acq: 16 Oct 2023 14:34

Instrument :
 MSVOA_X
 ClientSampleId :

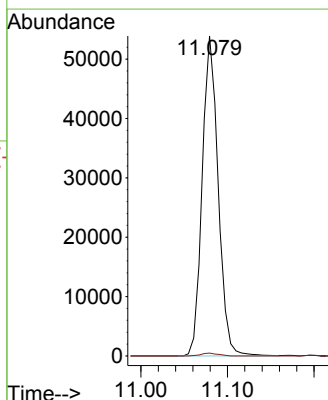
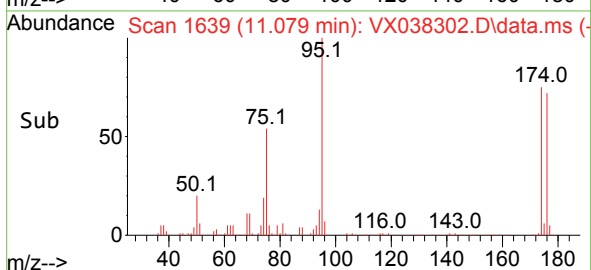
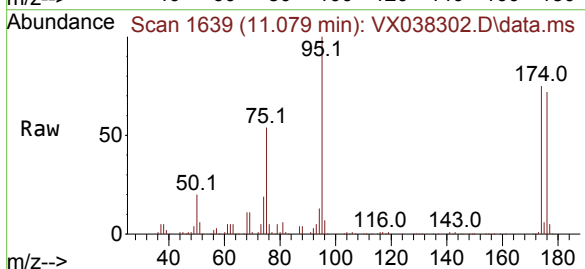


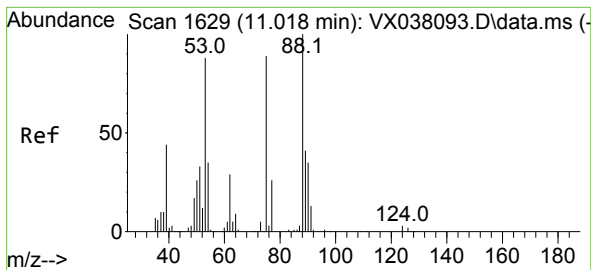
Tgt Ion:152 Resp: 138516
 Ion Ratio Lower Upper
 152 100
 115 60.3 43.3 129.9
 150 156.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.931 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038302.D
 Acq: 16 Oct 2023 14:34

Tgt Ion: 75 Resp: 69059
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.904 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038302.D
 Acq: 16 Oct 2023 14:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 69059
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

