

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038537.D
 Acq On : 26 Oct 2023 22:44
 Operator : JC/MD
 Sample : 05097-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:25:19 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)

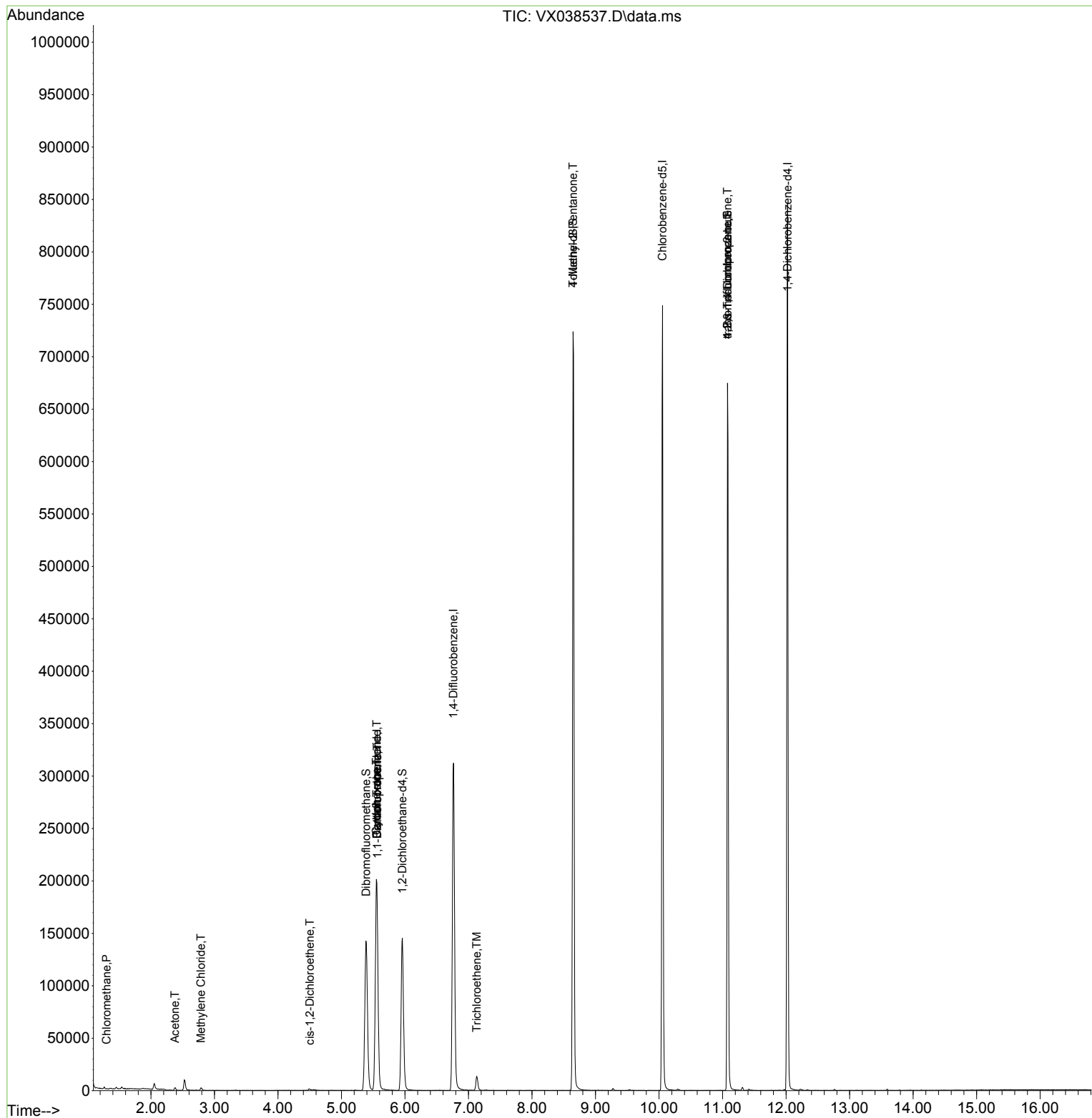
Internal Standards						
1) Pentafluorobenzene	5.556	168	205245	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	344076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137694	41.710	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.420%
35) Dibromofluoromethane	5.385	113	124549	50.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.480%
50) Toluene-d8	8.647	98	453797	47.899	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.800%
62) 4-Bromofluorobenzene	11.079	95	179019	49.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	561	0.278	ug/l	89
5) Bromomethane	1.410	94	21	Below Cal	#	3
6) Chloroethane	1.673	64	91	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	112	Below Cal	#	78
16) Acetone	2.380	43	2558	1.857	ug/l	# 84
20) Methylene Chloride	2.788	84	1265	0.488	ug/l	# 74
27) cis-1,2-Dichloroethene	4.501	96	805	0.291	ug/l	# 14
31) Cyclohexane	5.550	56	3747	1.048	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	14530	4.250	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	20222	6.013	ug/l	# 15
44) Trichloroethene	7.129	130	5500	2.199	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1735	0.415	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	91019	21.175	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	91019	60.876	ug/l	# 5

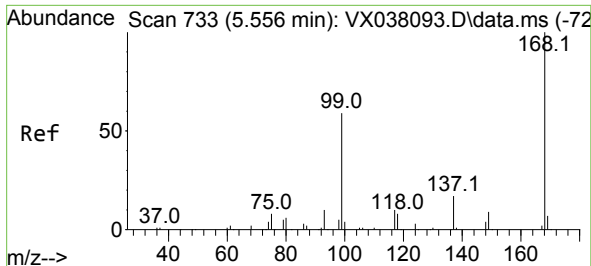
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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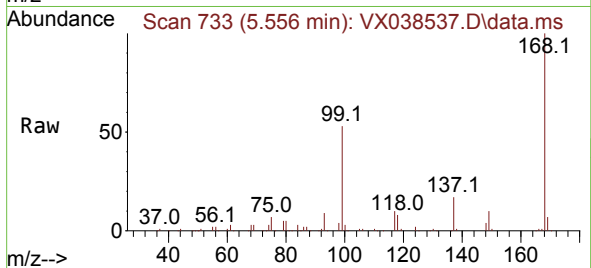
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



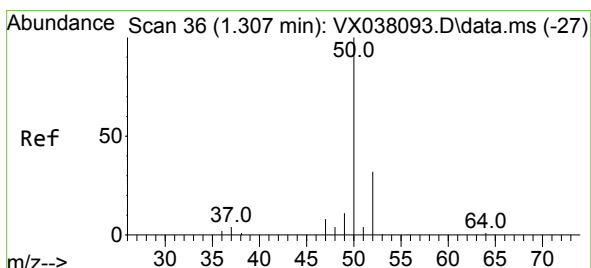
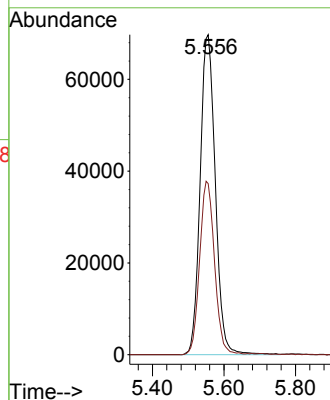
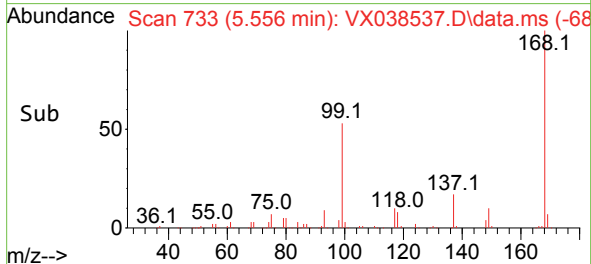


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

Instrument :
MSVOA_X
ClientSampleId :

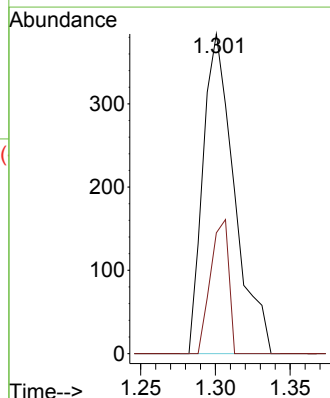
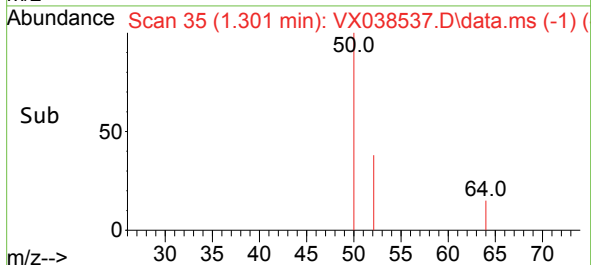
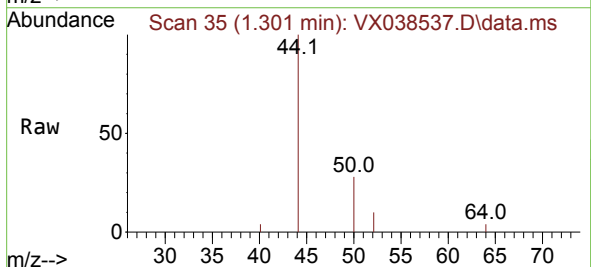


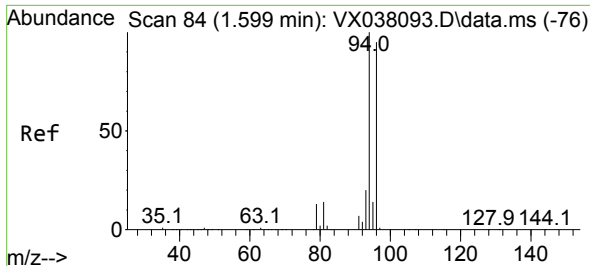
Tgt Ion:168 Resp: 205245
Ion Ratio Lower Upper
168 100
99 53.5 56.6 85.0#



#3
Chloromethane
Concen: 0.278 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

Tgt Ion: 50 Resp: 561
Ion Ratio Lower Upper
50 100
52 37.8 25.5 38.3

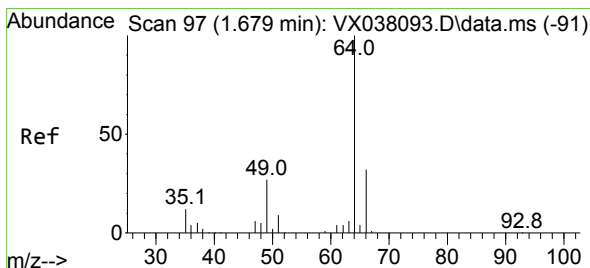
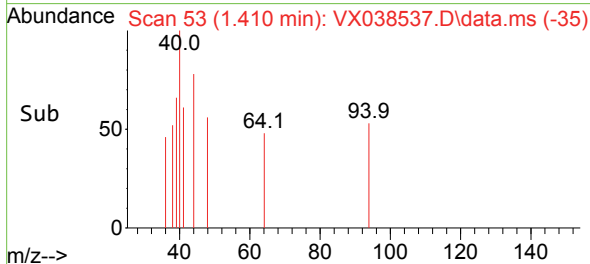
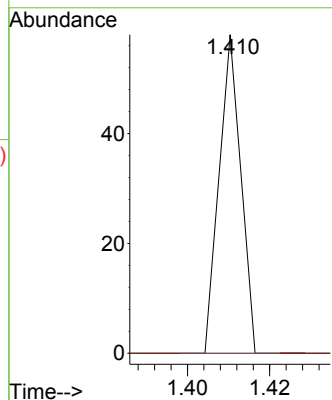
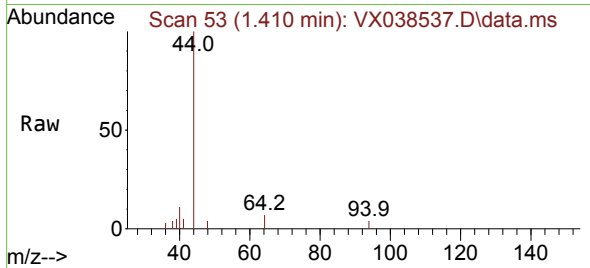




#5
Bromomethane
Concen: Below Cal
RT: 1.410 min Scan# 51
Delta R.T. -0.189 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

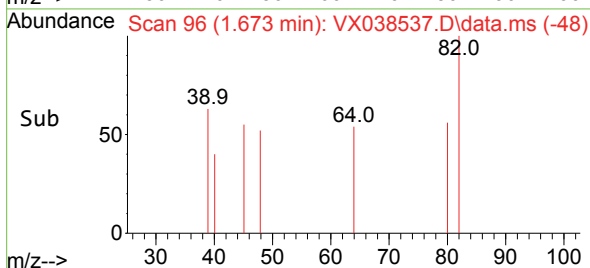
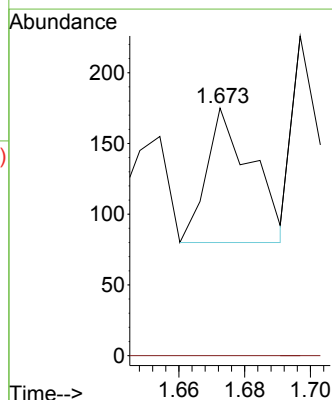
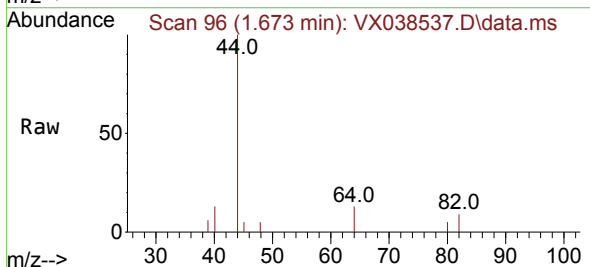
Instrument :
MSVOA_X
ClientSampleId :

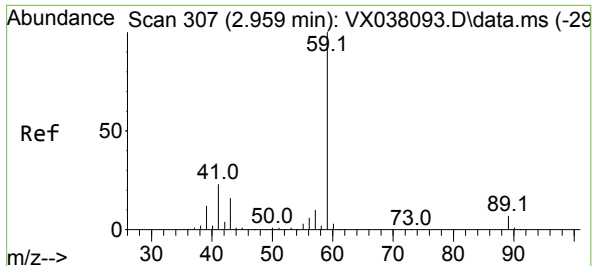
Tgt Ion: 94 Resp: 21
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

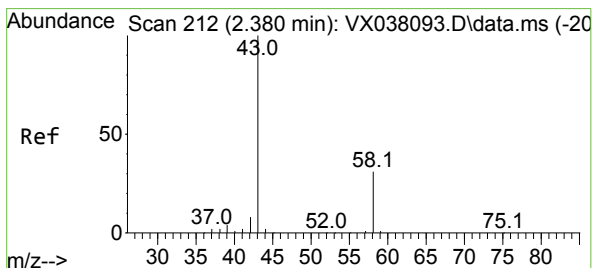
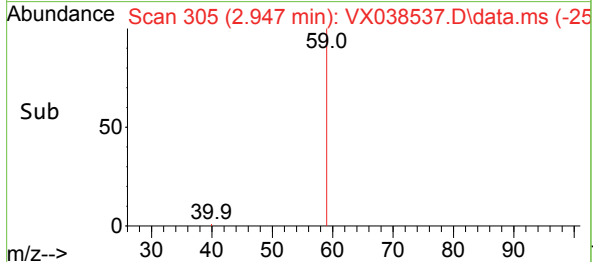
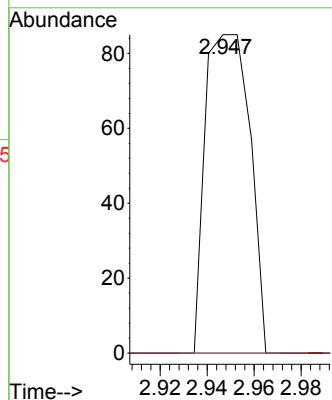
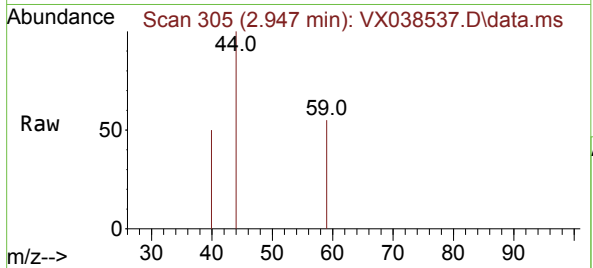




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

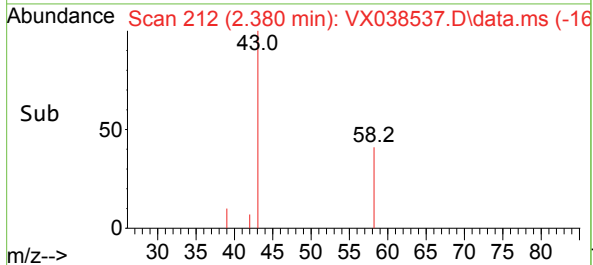
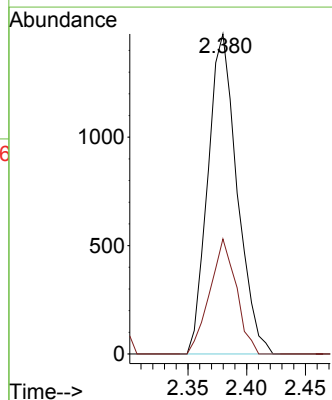
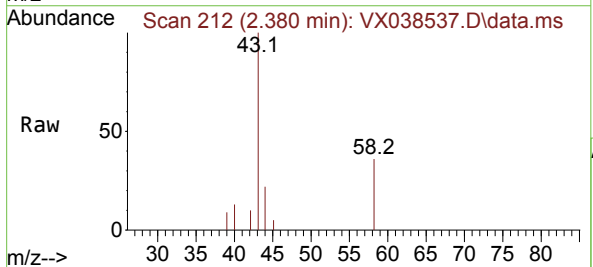
Instrument :
MSVOA_X
ClientSampleId :

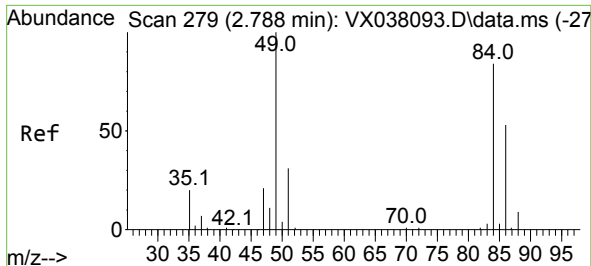
Tgt Ion: 59 Resp: 112
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.857 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

Tgt Ion: 43 Resp: 2558
Ion Ratio Lower Upper
43 100
58 36.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.488 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

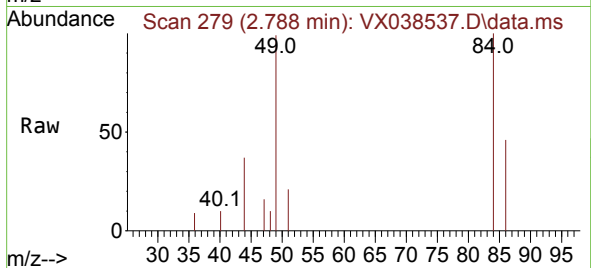
Lab File: VX038537.D

Acq: 26 Oct 2023 22:44

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1265

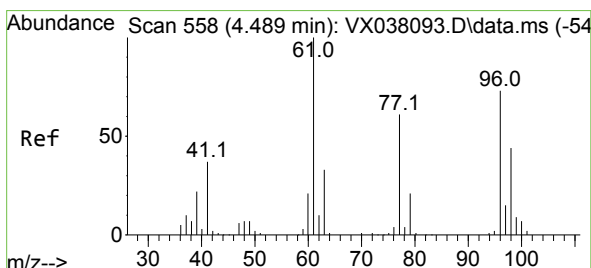
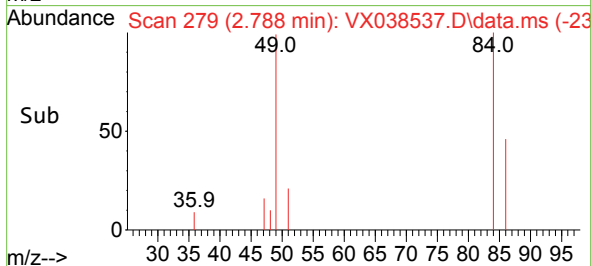
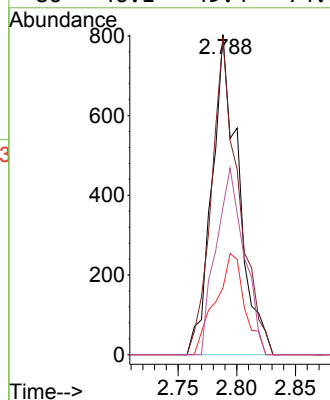
Ion Ratio Lower Upper

84 100

49 99.1 103.6 155.4#

51 20.8 33.8 50.6#

86 46.1 49.4 74.0#



#27

cis-1,2-Dichloroethene

Concen: 0.291 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX038537.D

Acq: 26 Oct 2023 22:44

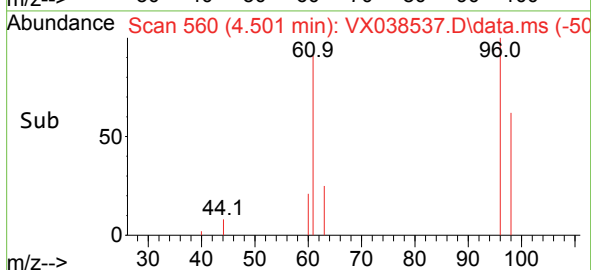
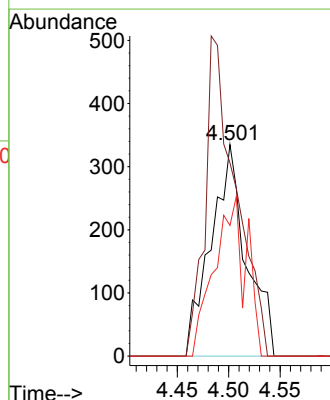
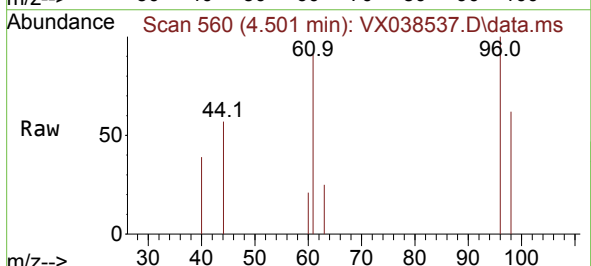
Tgt Ion: 96 Resp: 805

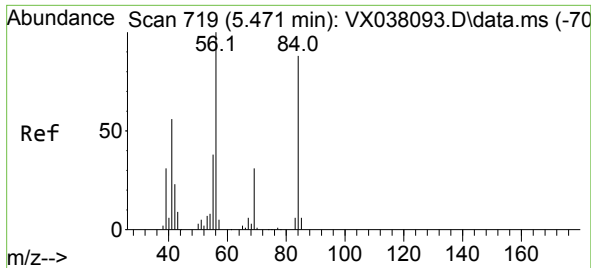
Ion Ratio Lower Upper

96 100

61 0.0 0.0 312.2

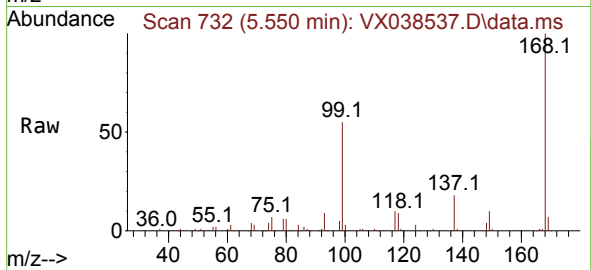
98 67.8 0.0 129.0



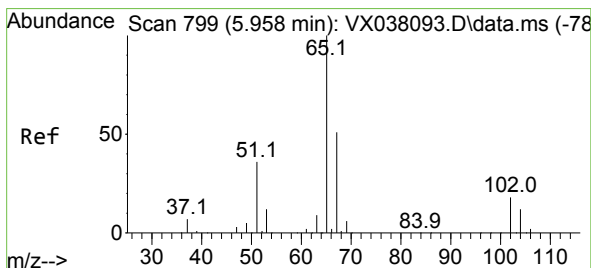
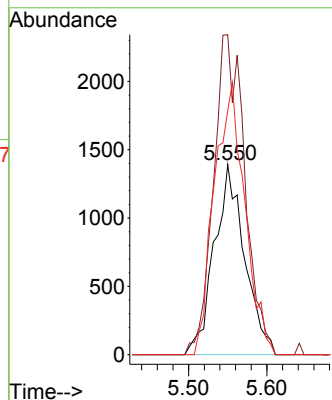
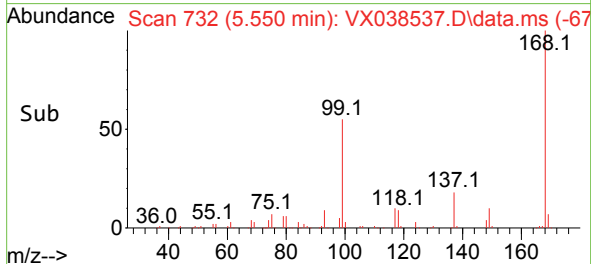


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

Instrument :
MSVOA_X
ClientSampleId :

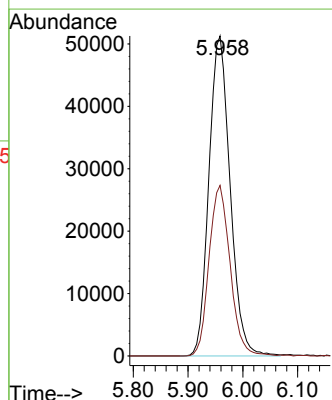
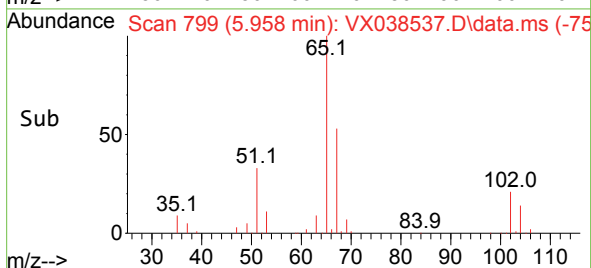
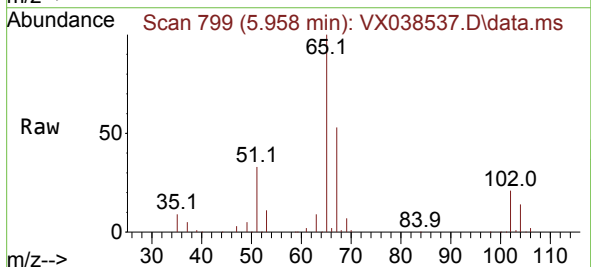


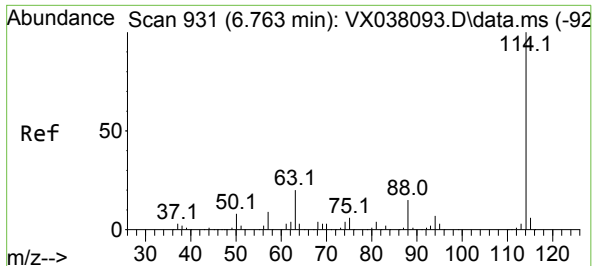
Tgt Ion: 56 Resp: 3747
Ion Ratio Lower Upper
56 100
69 168.4 23.4 35.2#
84 128.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.710 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

Tgt Ion: 65 Resp: 137694
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

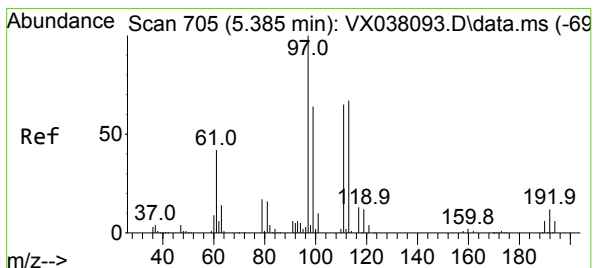
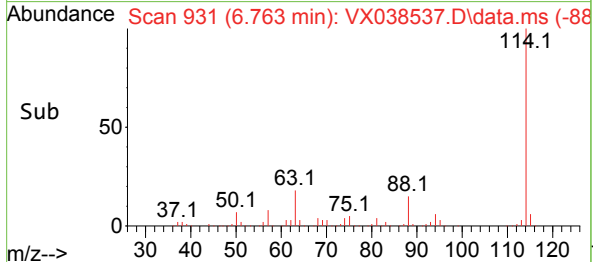
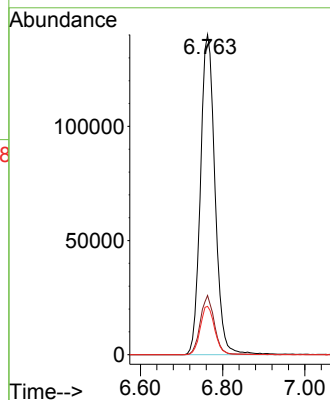
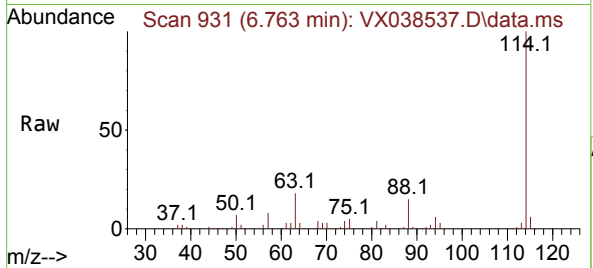




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

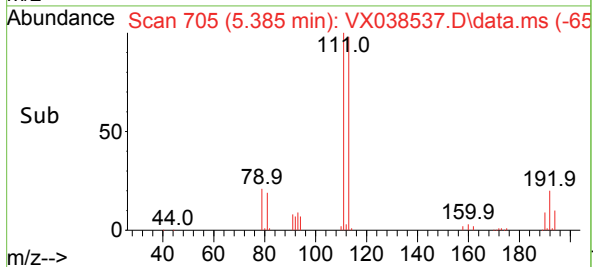
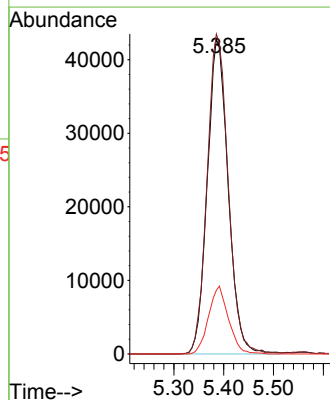
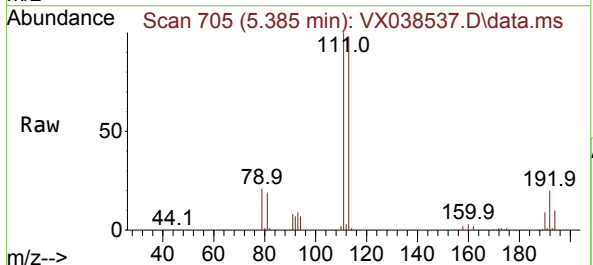
Instrument :
MSVOA_X
ClientSampleId :

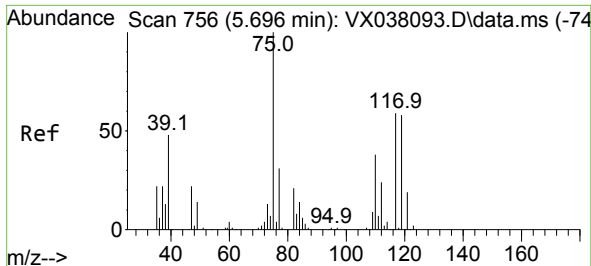
Tgt Ion:114 Resp: 344076
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.236 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

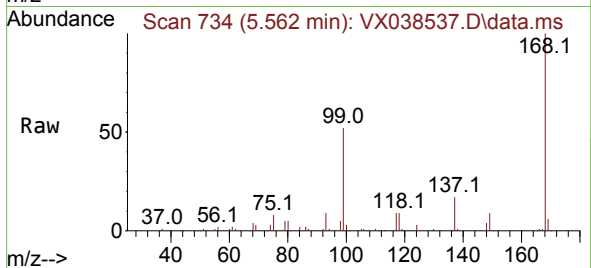
Tgt Ion:113 Resp: 124549
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 20.5 13.3 19.9#



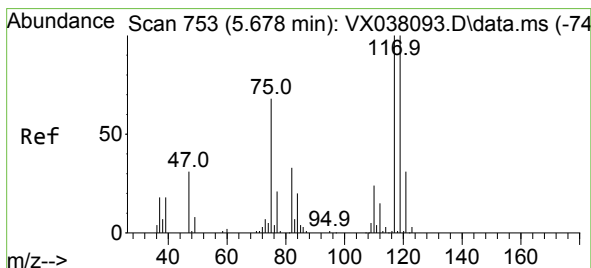
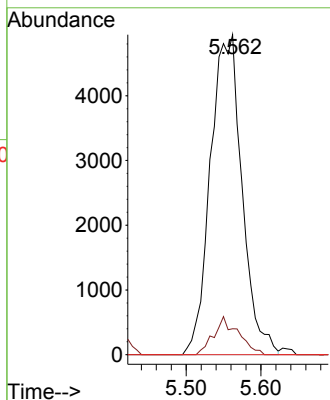
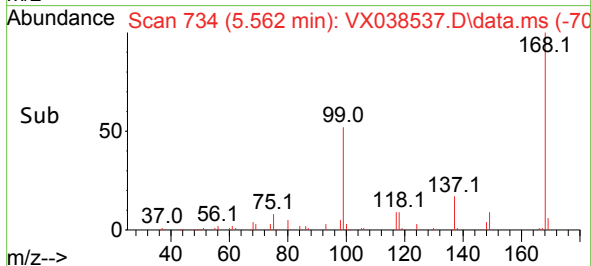


#36
1,1-Dichloropropene
Concen: 4.250 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

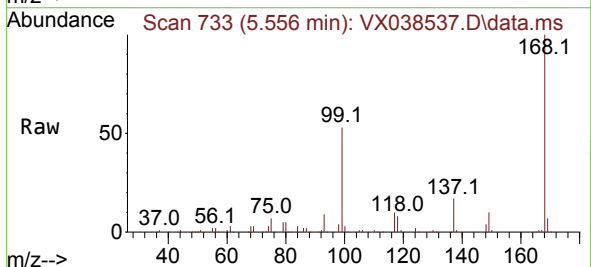
Instrument :
MSVOA_X
ClientSampleId :



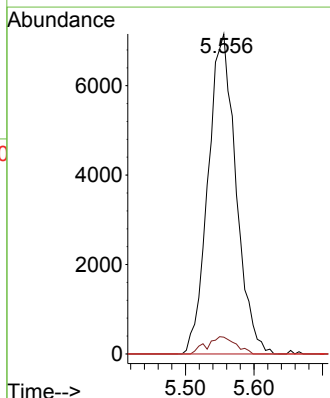
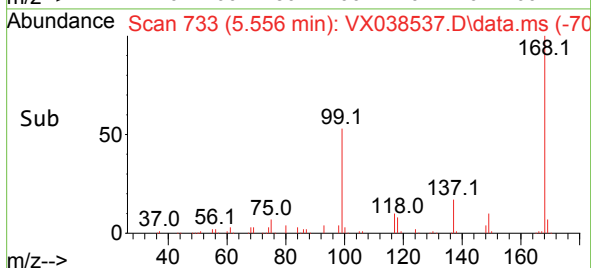
Tgt Ion: 75 Resp: 14530
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#

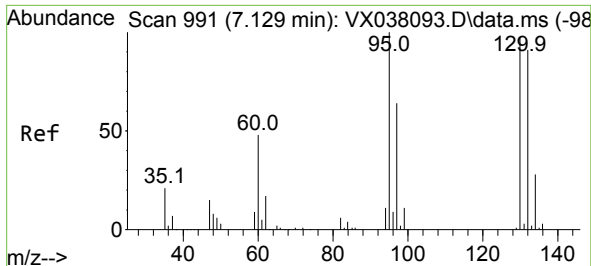


#38
Carbon Tetrachloride
Concen: 6.013 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44



Tgt Ion: 117 Resp: 20222
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

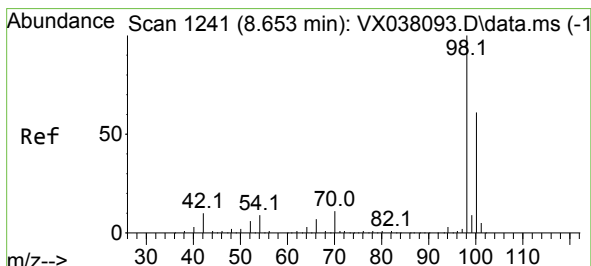
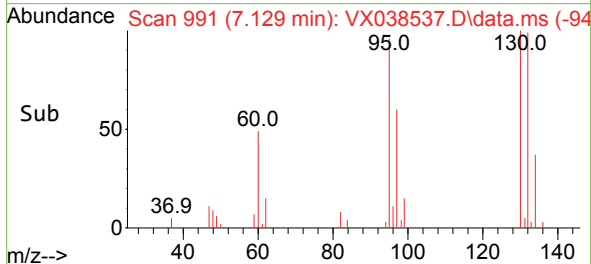
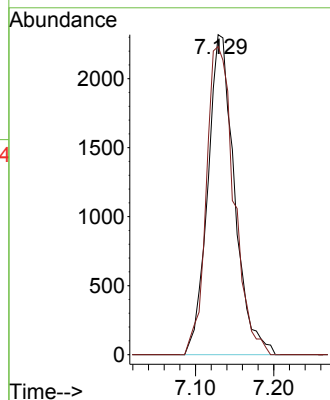
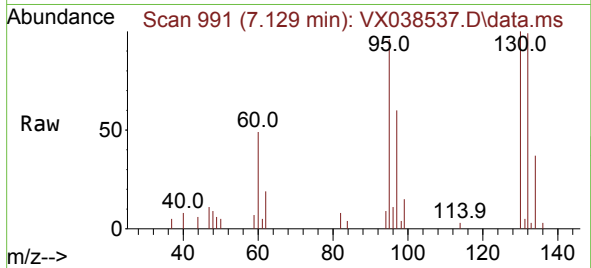




#44
Trichloroethene
Concen: 2.199 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

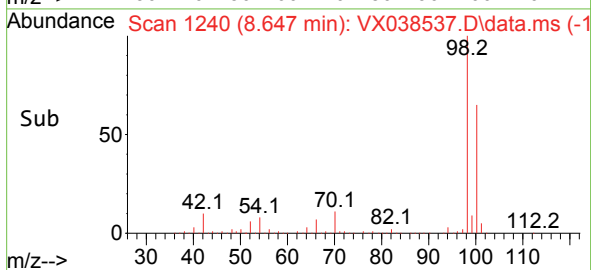
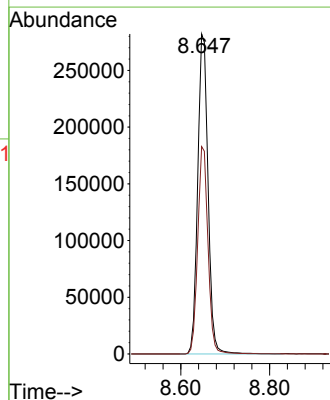
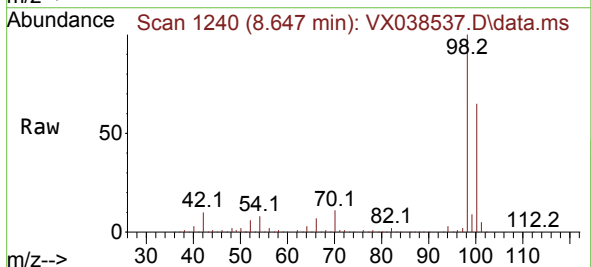
Instrument :
MSVOA_X
ClientSampleId :

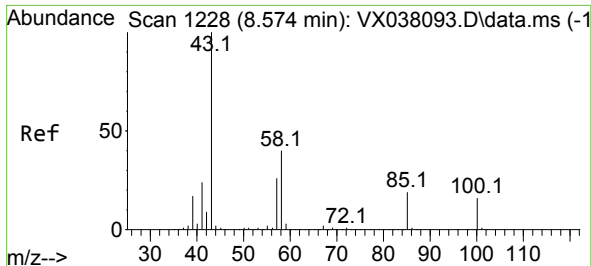
Tgt Ion:130 Resp: 5500
Ion Ratio Lower Upper
130 100
95 96.3 0.0 204.4



#50
Toluene-d8
Concen: 47.899 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

Tgt Ion: 98 Resp: 453797
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

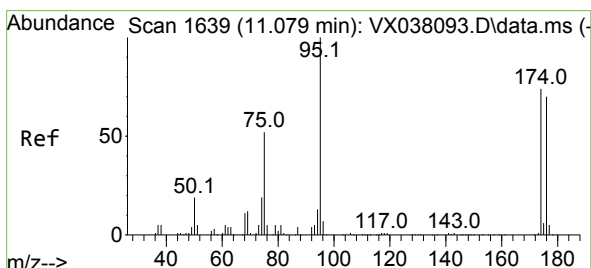
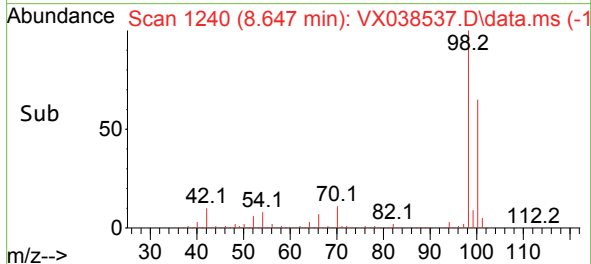
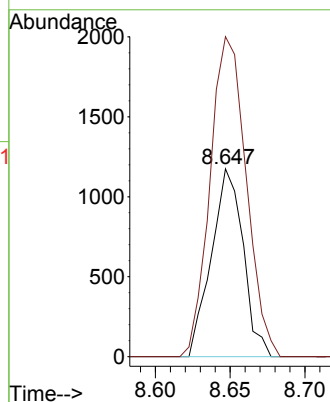
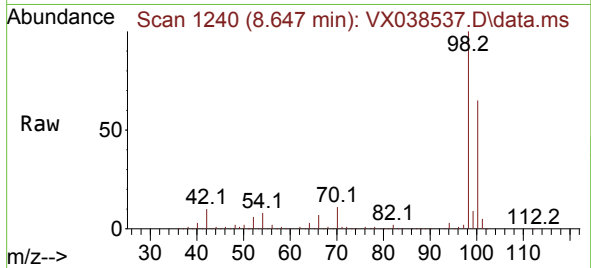




#51
4-Methyl-2-Pentanone
Concen: 0.415 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

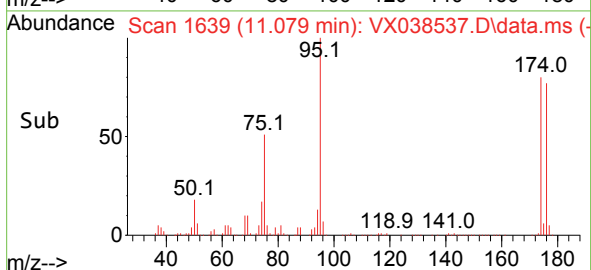
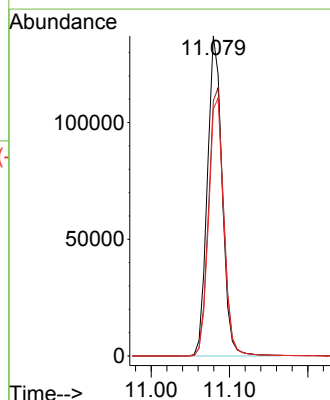
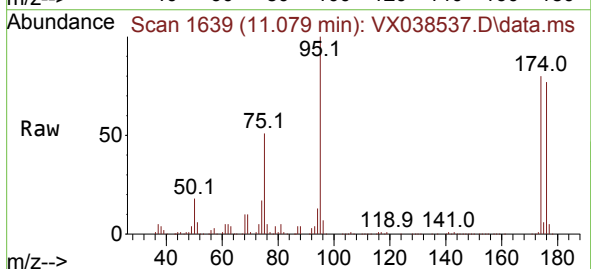
Instrument :
MSVOA_X
ClientSampleId :

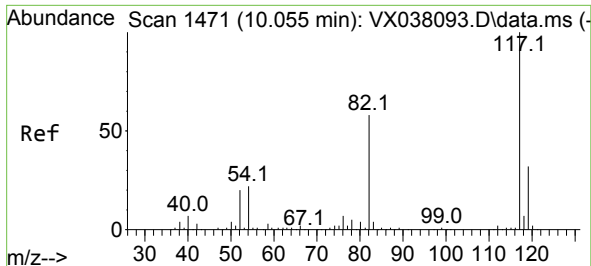
Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 193.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.843 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

Tgt Ion: 95 Resp: 179019
Ion Ratio Lower Upper
95 100
174 86.9 0.0 135.6
176 82.8 0.0 131.0

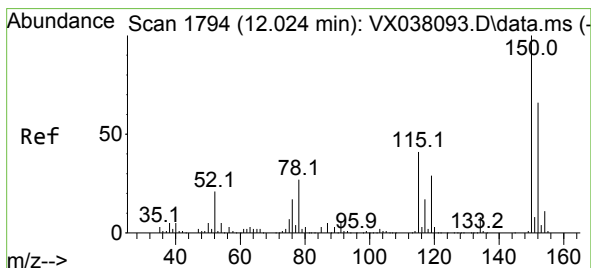
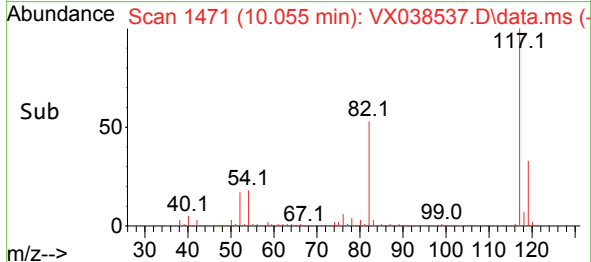
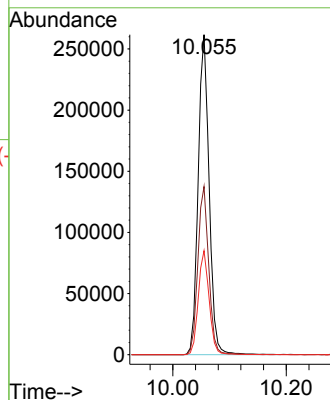
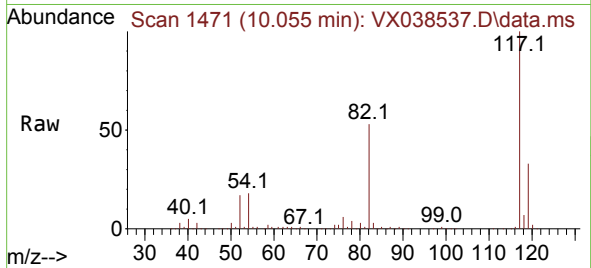




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

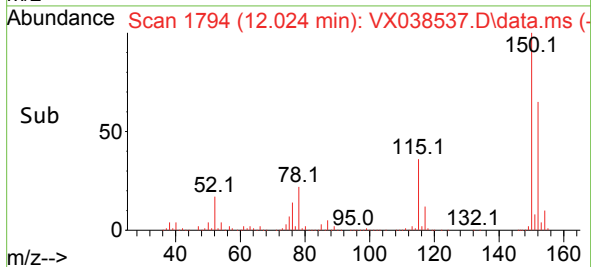
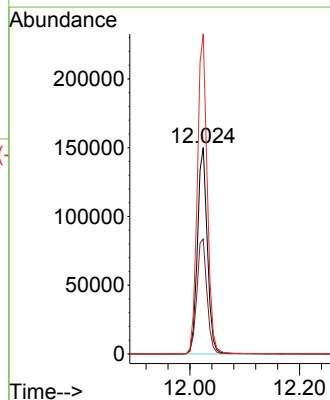
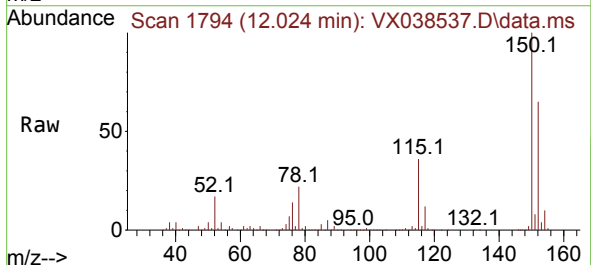
Instrument :
MSVOA_X
ClientSampleId :

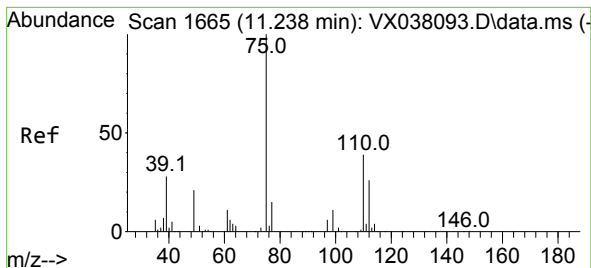
Tgt Ion:117 Resp: 350717
Ion Ratio Lower Upper
117 100
82 52.5 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038537.D
Acq: 26 Oct 2023 22:44

Tgt Ion:152 Resp: 189074
Ion Ratio Lower Upper
152 100
115 57.4 43.3 129.9
150 155.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.175 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038537.D

Acq: 26 Oct 2023 22:44

Instrument :

MSVOA_X

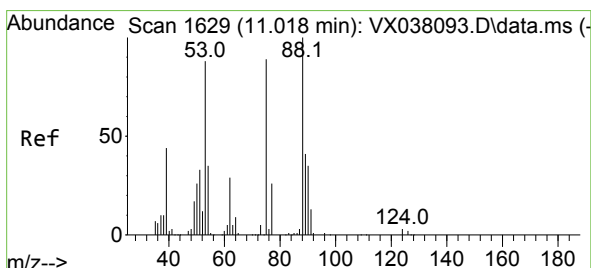
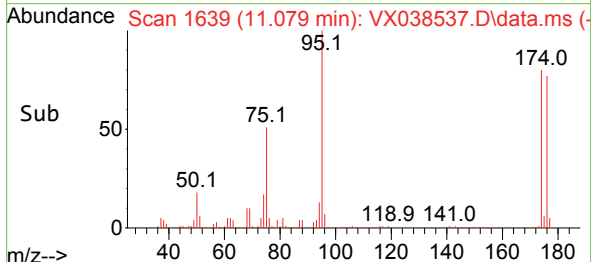
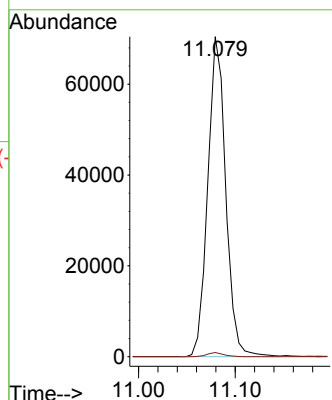
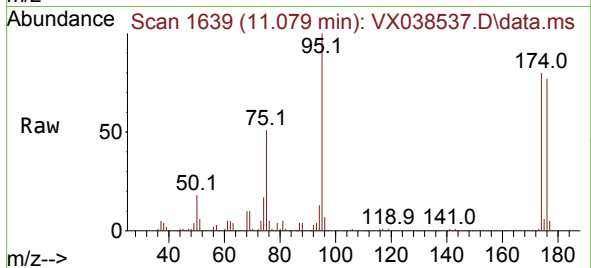
ClientSampleId :

Tgt Ion: 75 Resp: 91019

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.876 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038537.D

Acq: 26 Oct 2023 22:44

Tgt Ion: 75 Resp: 91019

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

