

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038509.D
 Acq On : 26 Oct 2023 09:26
 Operator : JC/MD
 Sample : 05065-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 13:38:46 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)

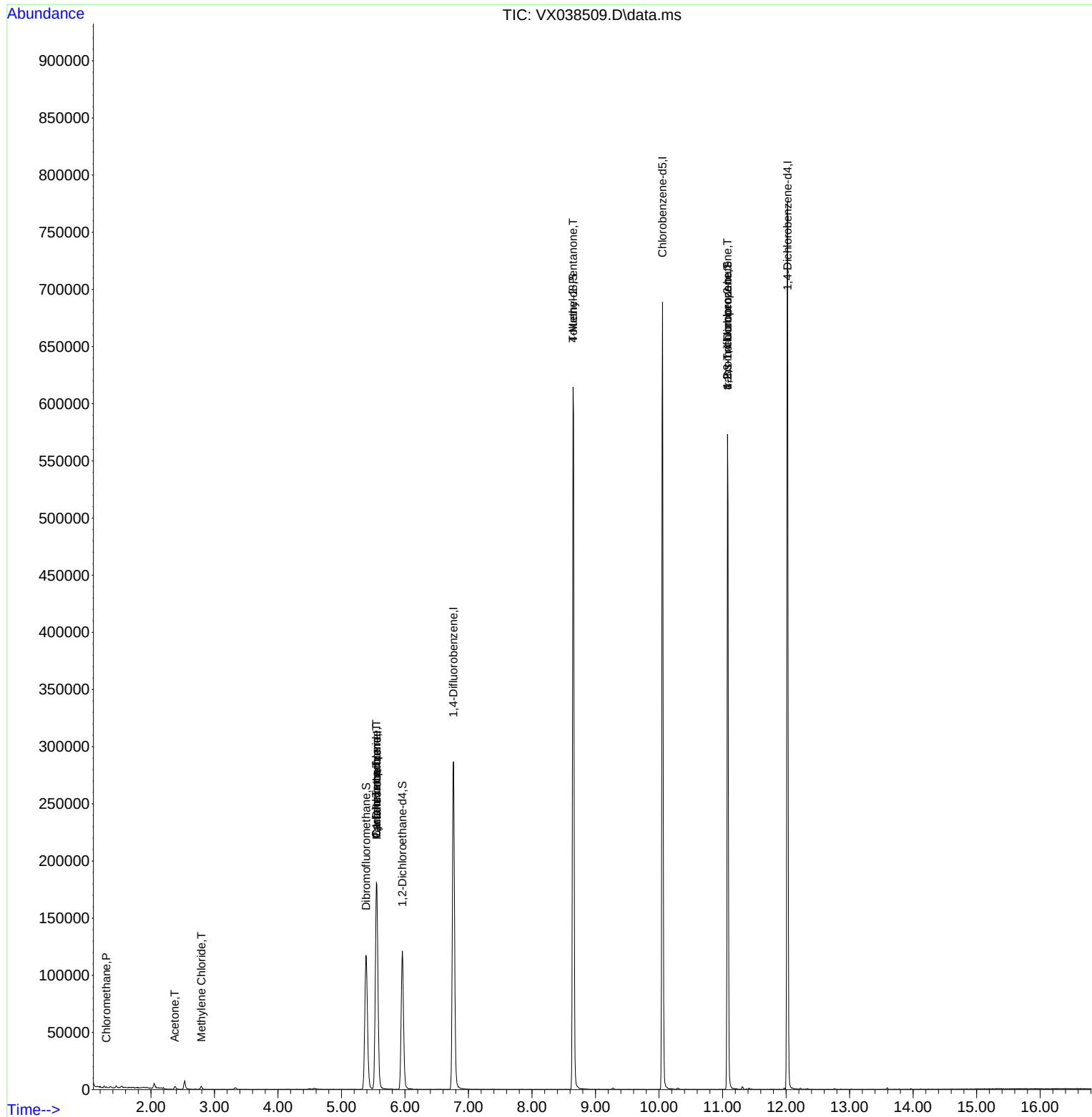
Internal Standards						
1) Pentafluorobenzene	5.556	168	178502	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	308187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113117	39.399	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.800%
35) Dibromofluoromethane	5.385	113	103672	46.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.647	98	377575	44.495	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.000%#
62) 4-Bromofluorobenzene	11.079	95	147341	45.800	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	688	0.392	ug/l	# 52
5) Bromomethane	1.624	94	24	Below Cal	#	3
6) Chloroethane	1.691	64	66	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	21	Below Cal	#	78
16) Acetone	2.374	43	2759	2.303	ug/l	99
20) Methylene Chloride	2.794	84	1239	0.550	ug/l	# 74
31) Cyclohexane	5.550	56	3418	1.099	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	13062	4.265	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	17754	5.893	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.647	43	1400	0.374	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	76074	19.340	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	76074	55.949	ug/l	# 5

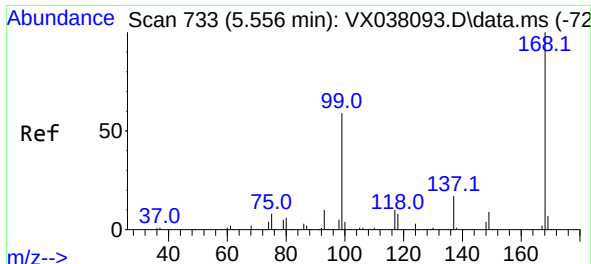
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 26 13:38:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

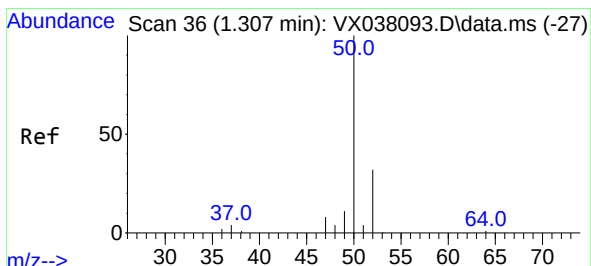
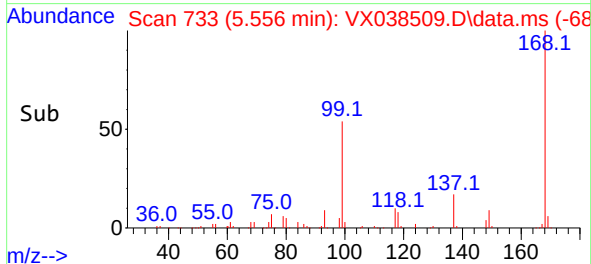
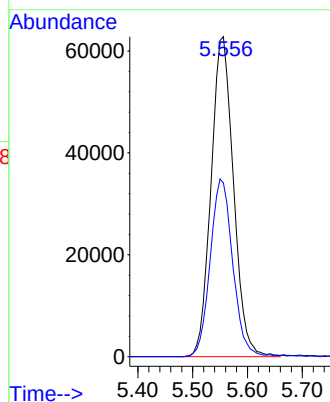
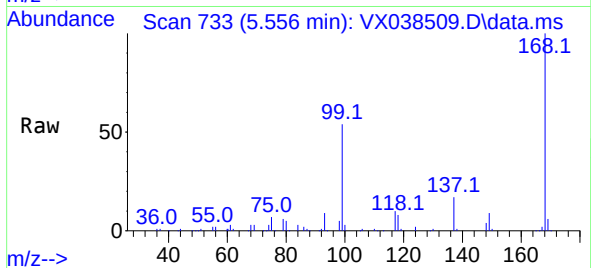




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

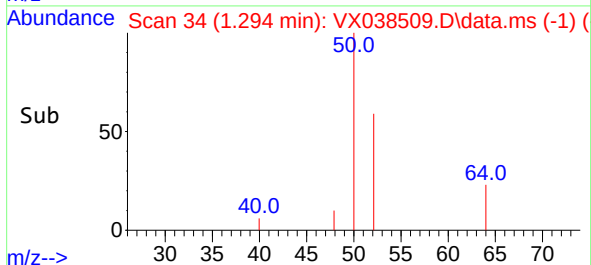
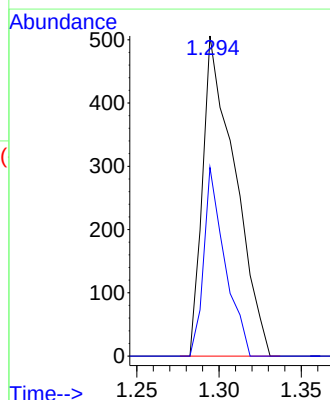
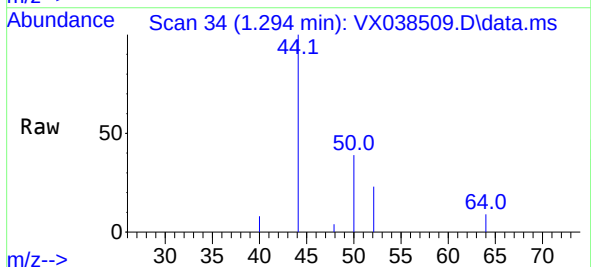
Instrument :
MSVOA_X
ClientSampleId :

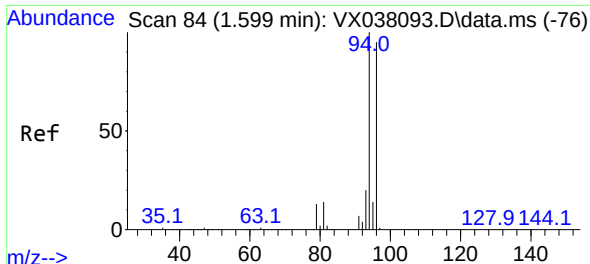
Tgt Ion:168 Resp: 178502
Ion Ratio Lower Upper
168 100
99 54.3 56.6 85.0#



#3
Chloromethane
Concen: 0.392 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

Tgt Ion: 50 Resp: 688
Ion Ratio Lower Upper
50 100
52 58.9 25.5 38.3#

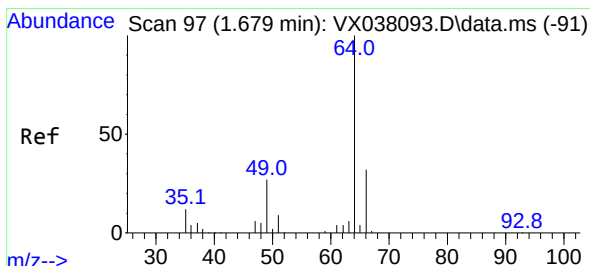
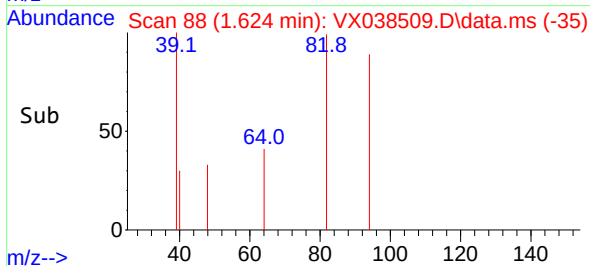
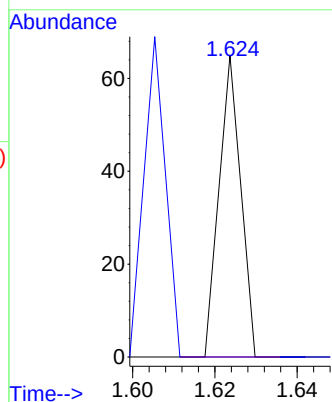
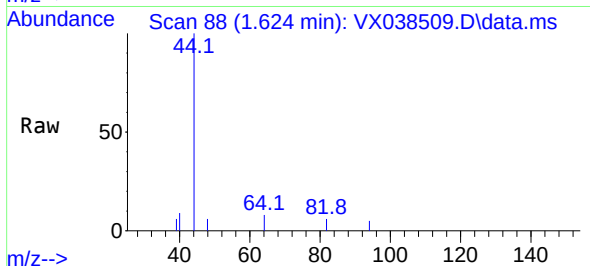




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

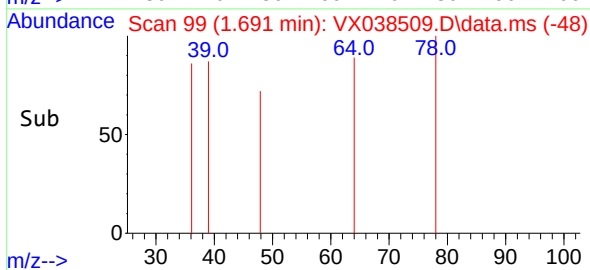
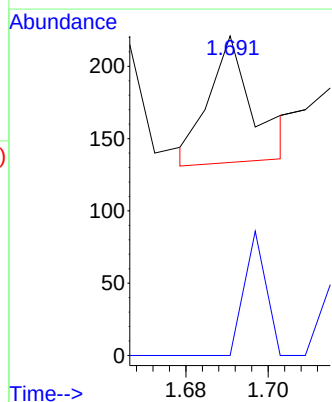
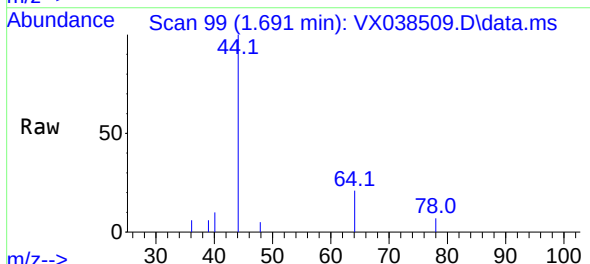
Instrument :
MSVOA_X
ClientSampleId :

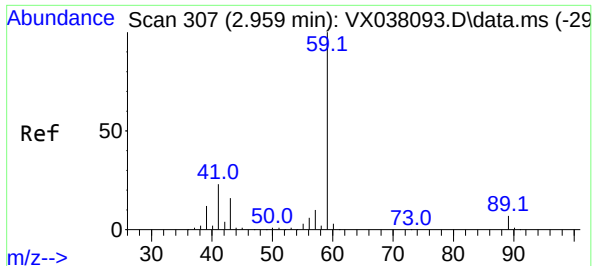
Tgt Ion: 94 Resp: 24
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

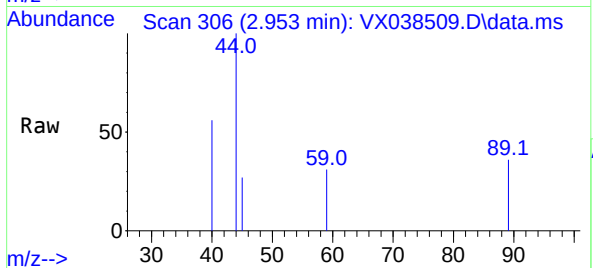
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



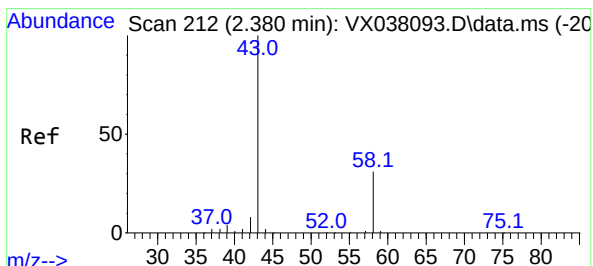
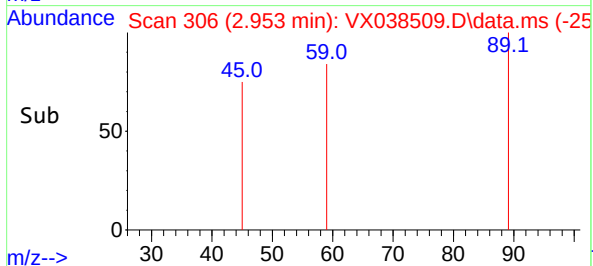
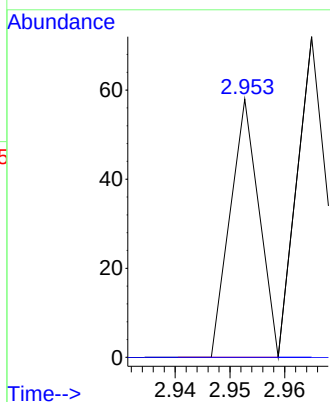


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :

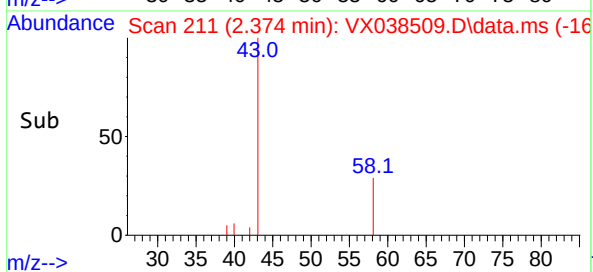
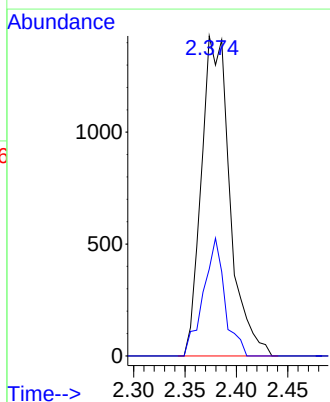
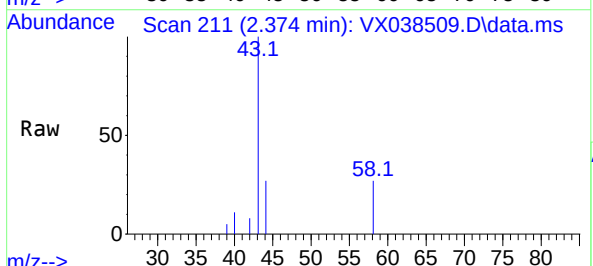


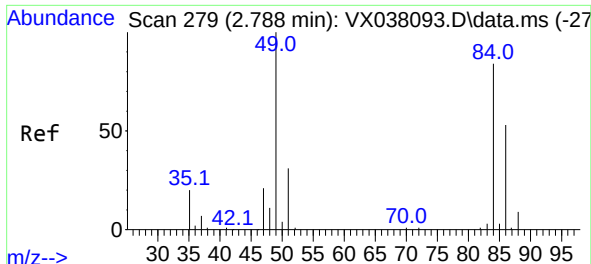
Tgt Ion: 59 Resp: 21
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 2.303 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

Tgt Ion: 43 Resp: 2759
Ion Ratio Lower Upper
43 100
58 27.1 21.9 32.9





#20

Methylene Chloride

Concen: 0.550 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038509.D

Acq: 26 Oct 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 1239

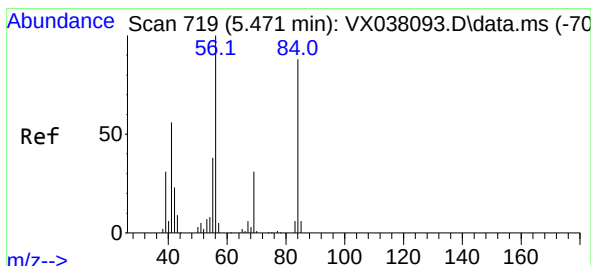
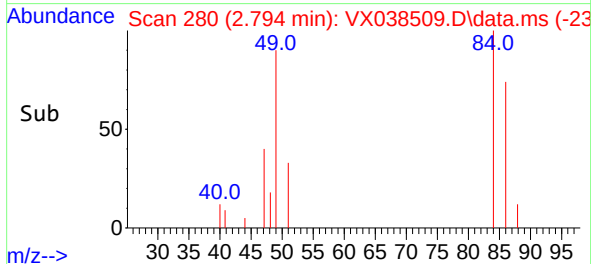
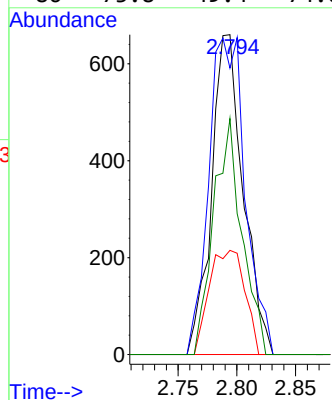
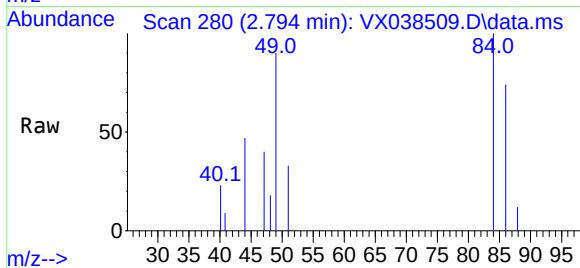
Ion Ratio Lower Upper

84 100

49 89.5 103.6 155.4#

51 32.6 33.8 50.6#

86 73.8 49.4 74.0



#31

Cyclohexane

Concen: 1.099 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038509.D

Acq: 26 Oct 2023 09:26

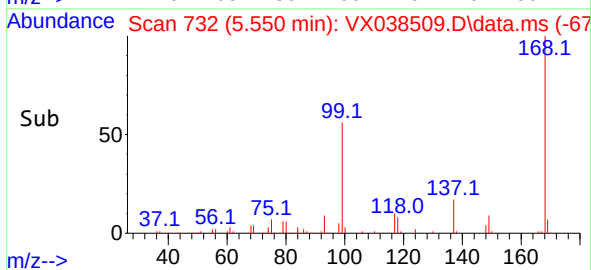
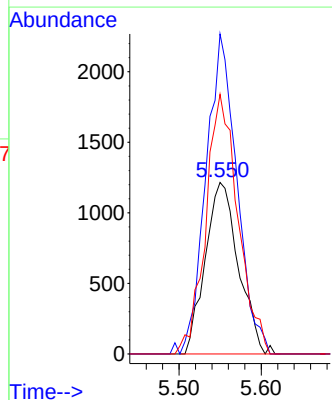
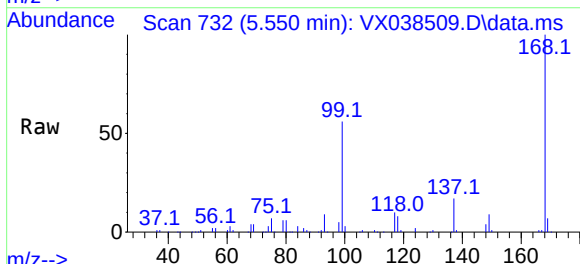
Tgt Ion: 56 Resp: 3418

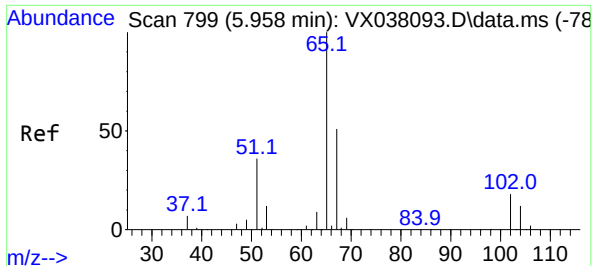
Ion Ratio Lower Upper

56 100

69 186.5 23.4 35.2#

84 151.4 65.9 98.9#

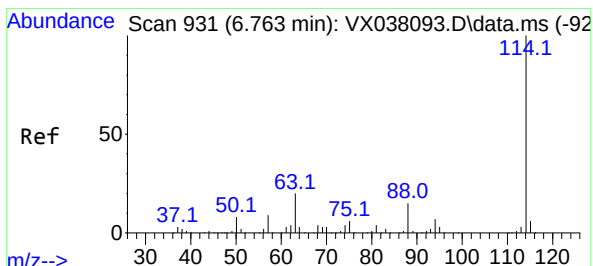
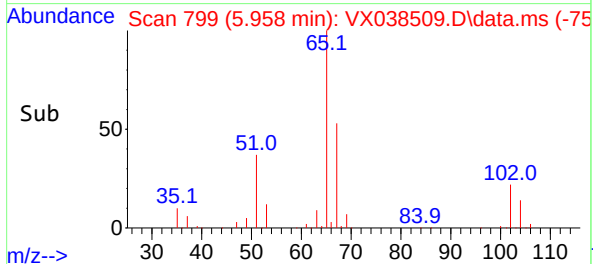
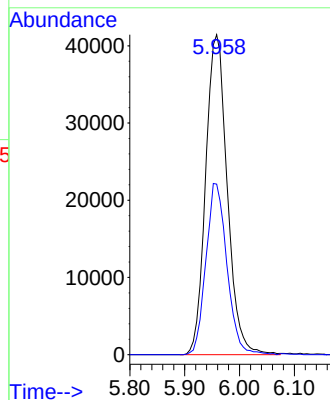
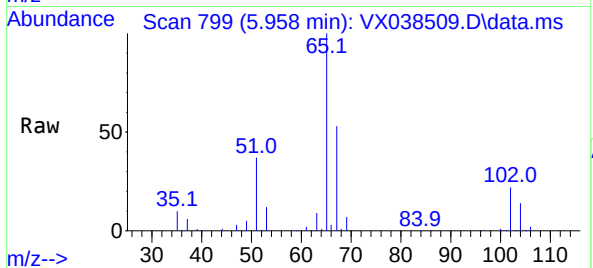




#33
 1,2-Dichloroethane-d4
 Concen: 39.399 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038509.D
 Acq: 26 Oct 2023 09:26

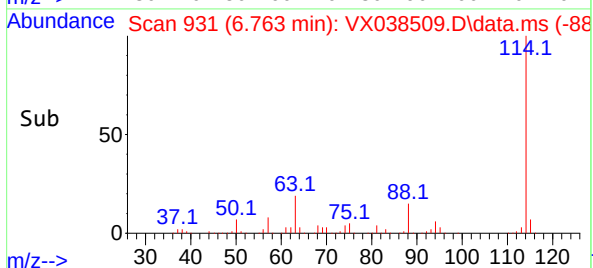
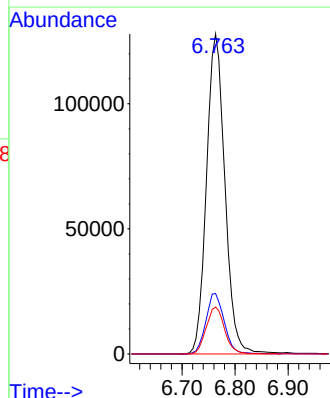
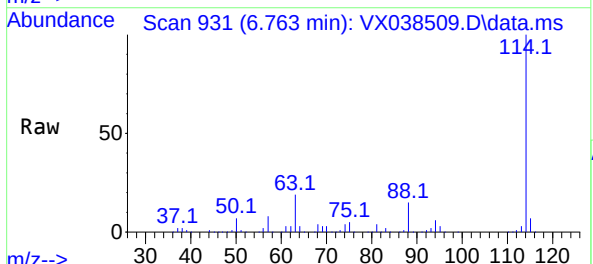
Instrument :
 MSVOA_X
 ClientSampleId :

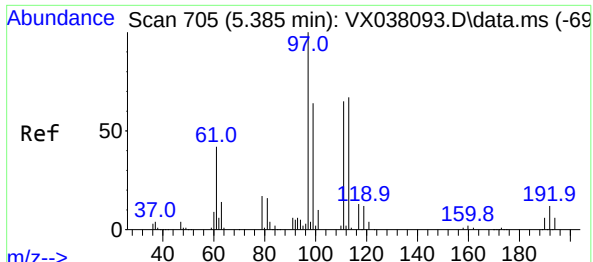
Tgt Ion: 65 Resp: 113117
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038509.D
 Acq: 26 Oct 2023 09:26

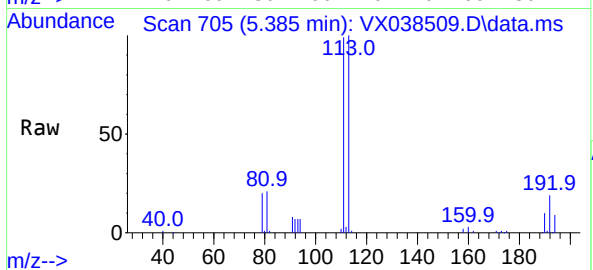
Tgt Ion: 114 Resp: 308187
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 45.0
 88 14.7 0.0 36.6



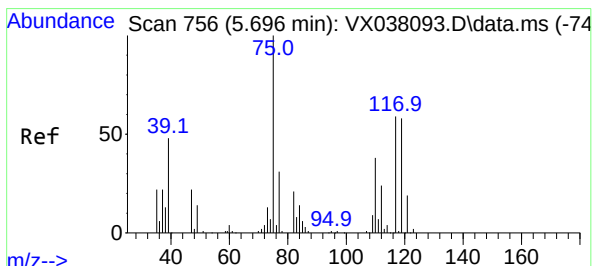
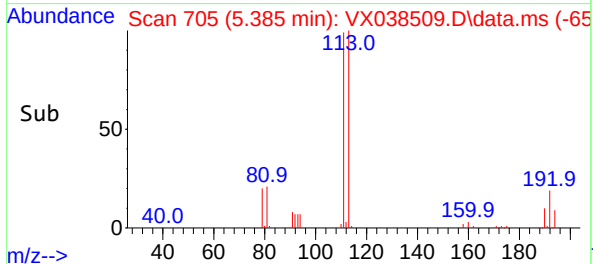
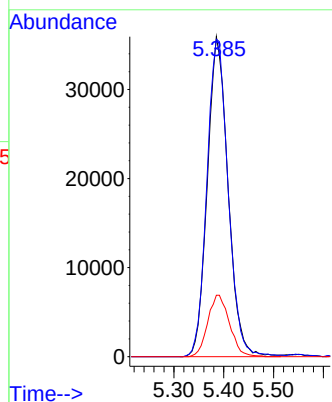


#35
Dibromofluoromethane
Concen: 46.685 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :

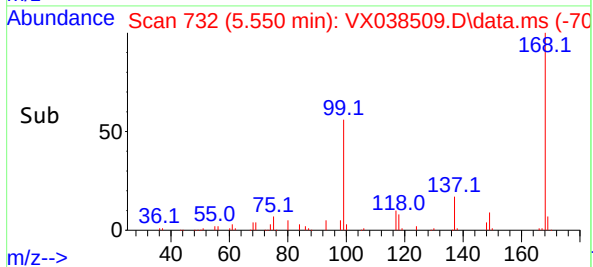
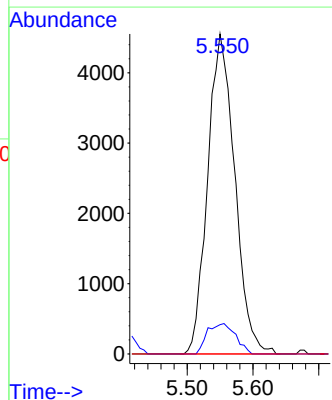
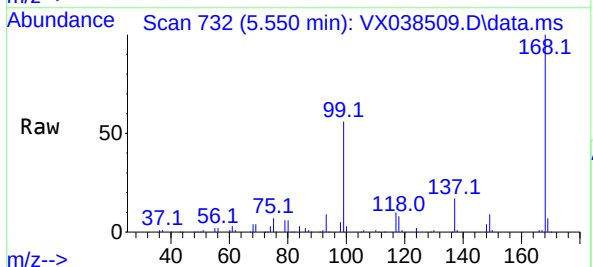


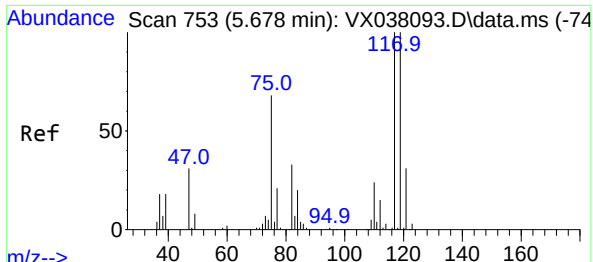
Tgt Ion:113 Resp: 103672
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 20.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.265 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

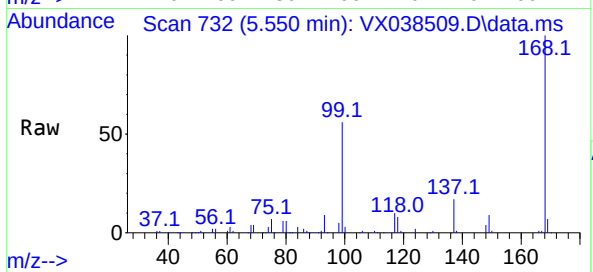
Tgt Ion: 75 Resp: 13062
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



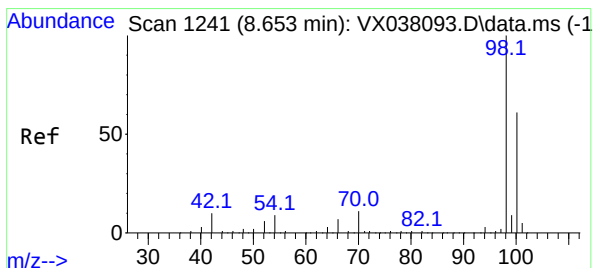
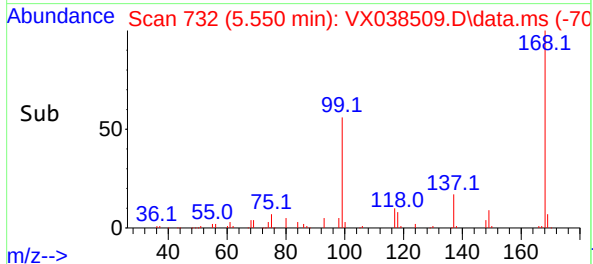
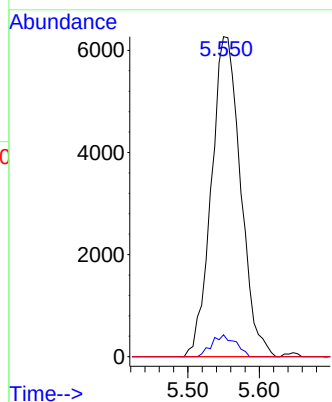


#38
Carbon Tetrachloride
Concen: 5.893 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :

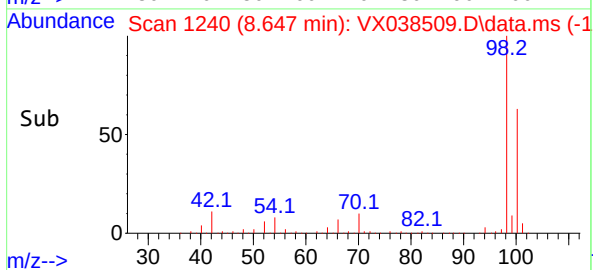
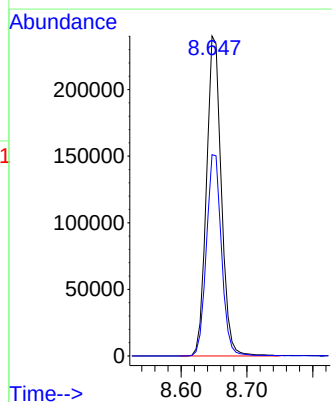
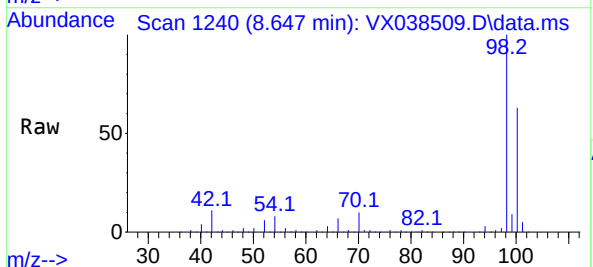


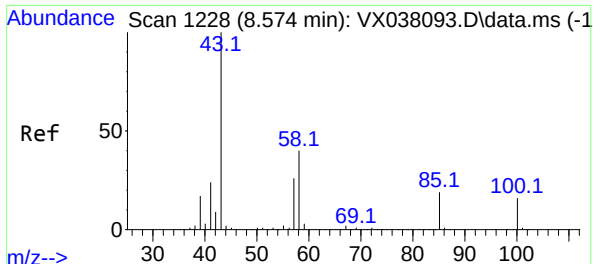
Tgt Ion:117 Resp: 17754
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.495 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

Tgt Ion: 98 Resp: 377575
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

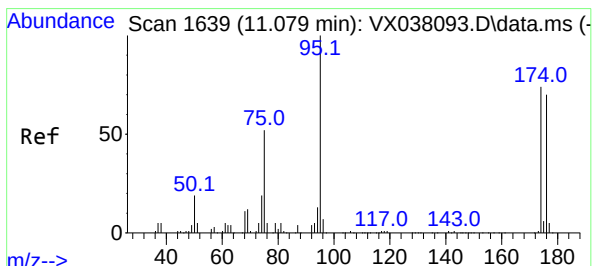
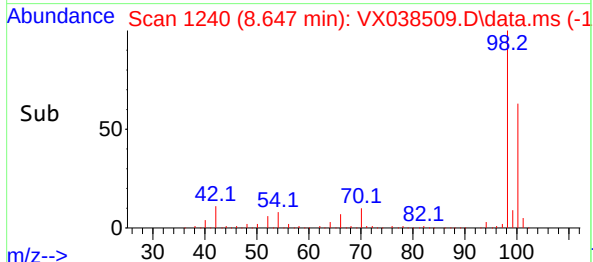
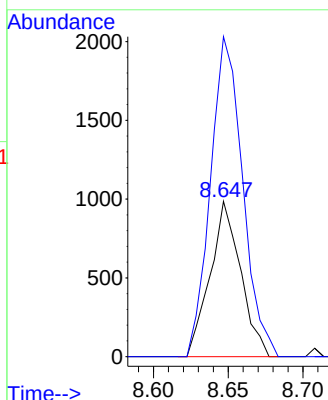
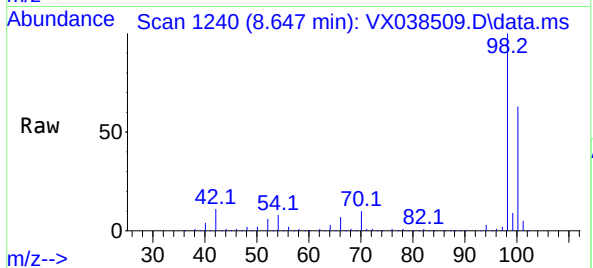




#51
4-Methyl-2-Pentanone
Concen: 0.374 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

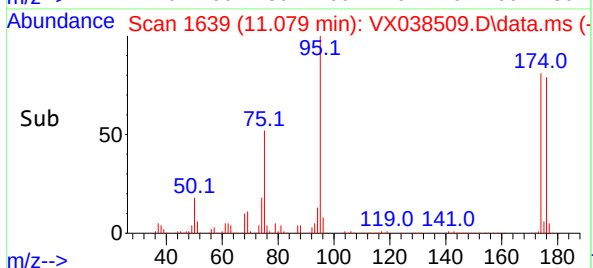
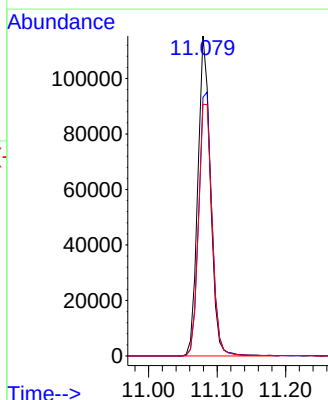
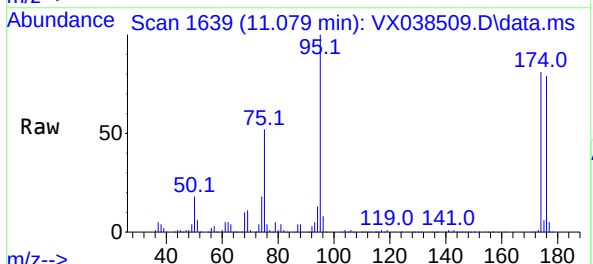
Instrument :
MSVOA_X
ClientSampleId :

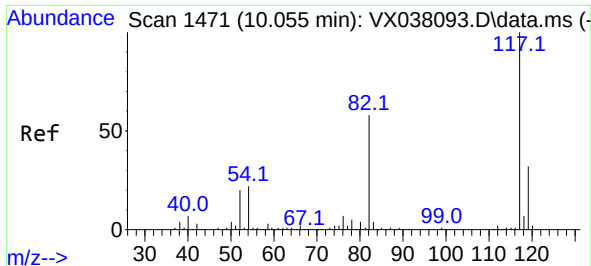
Tgt Ion: 43 Resp: 1400
Ion Ratio Lower Upper
43 100
58 217.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

Tgt Ion: 95 Resp: 147341
Ion Ratio Lower Upper
95 100
174 87.1 0.0 135.6
176 84.8 0.0 131.0

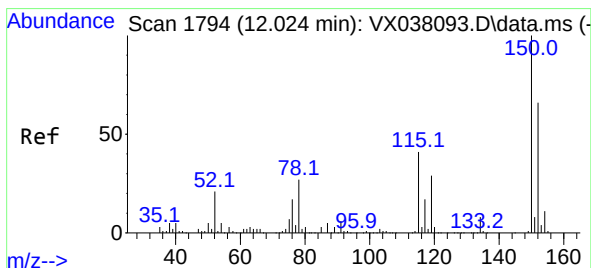
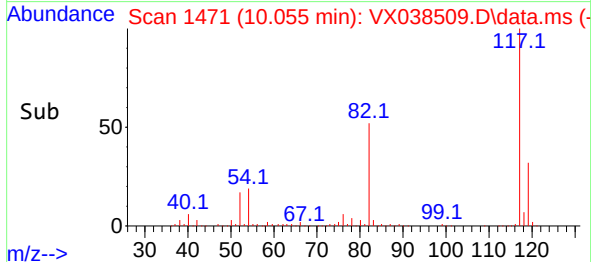
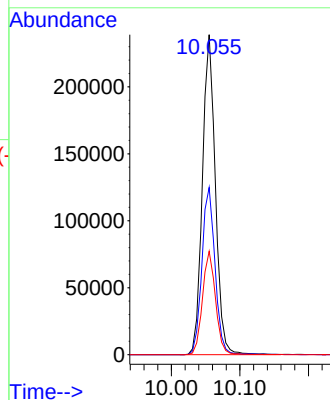
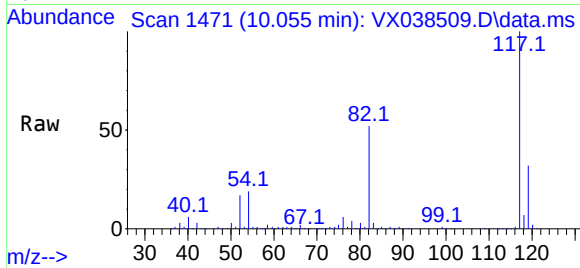




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

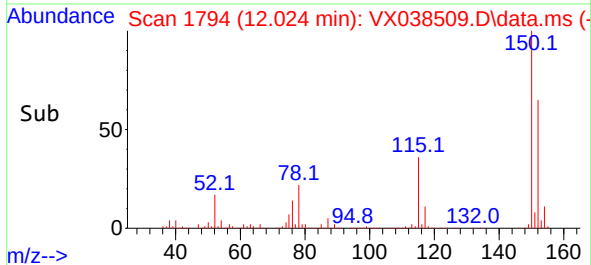
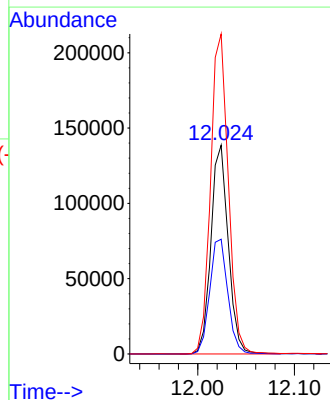
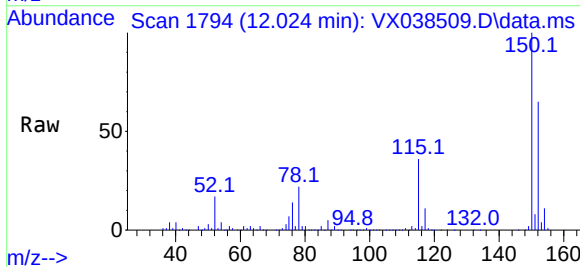
Instrument :
MSVOA_X
ClientSampleId :

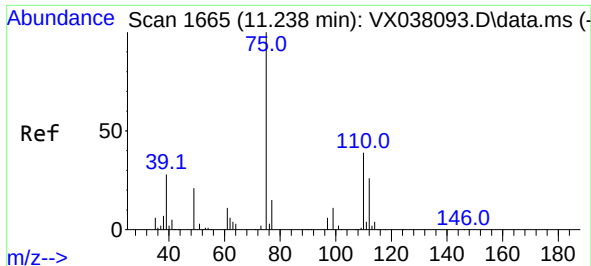
Tgt Ion:117 Resp: 315404
Ion Ratio Lower Upper
117 100
82 52.2 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

Tgt Ion:152 Resp: 173029
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.9
150 156.8 0.0 345.0

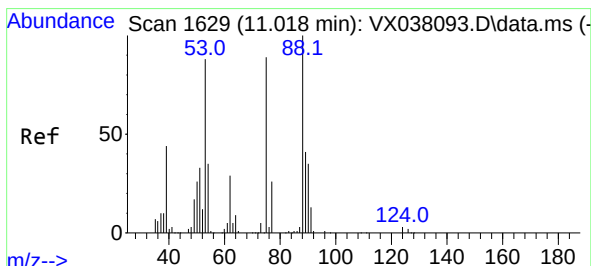
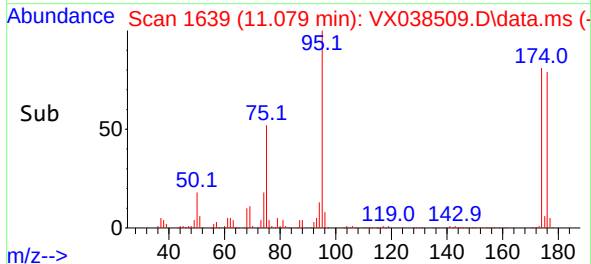
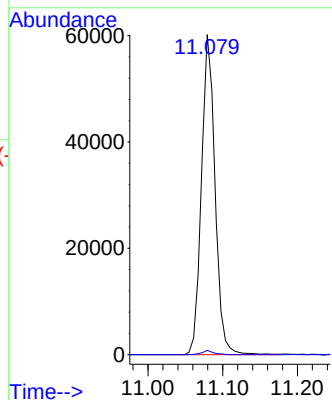
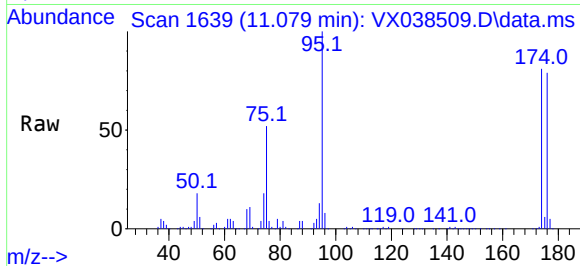




#76
1,2,3-Trichloropropane
Concen: 19.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 76074
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038509.D
Acq: 26 Oct 2023 09:26

Tgt Ion: 75 Resp: 76074
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

