

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038501.D
 Acq On : 26 Oct 2023 06:21
 Operator : JC/MD
 Sample : 05040-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 08:39:00 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)

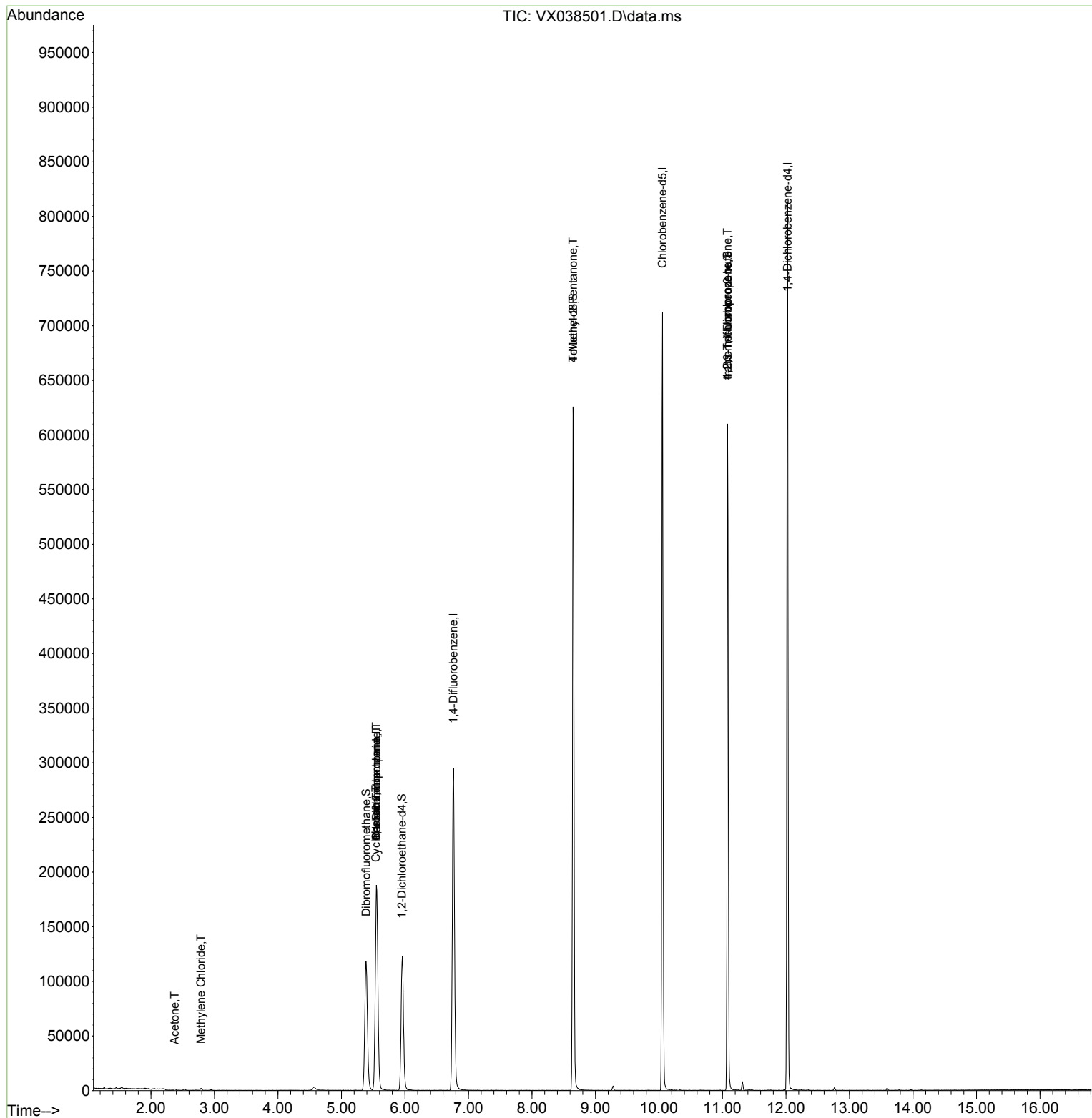
Internal Standards						
1) Pentafluorobenzene	5.550	168	185815	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	318600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115265	38.567	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	77.140%#
35) Dibromofluoromethane	5.385	113	103626	45.139	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.280%
50) Toluene-d8	8.647	98	386484	44.056	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.120%#
62) 4-Bromofluorobenzene	11.079	95	152618	45.890	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.780%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	45	Below Cal	#	3
6) Chloroethane	1.673	64	180	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	479	Below Cal	#	78
16) Acetone	2.374	43	1304	1.045	ug/l	93
20) Methylene Chloride	2.788	84	1003	0.427	ug/l	# 75
31) Cyclohexane	5.544	56	3631	1.121	ug/l	# 27
36) 1,1-Dichloropropene	5.550	75	13779	4.353	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	18615	5.977	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1407	0.363	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	78554	19.338	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	78554	55.945	ug/l	# 5

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

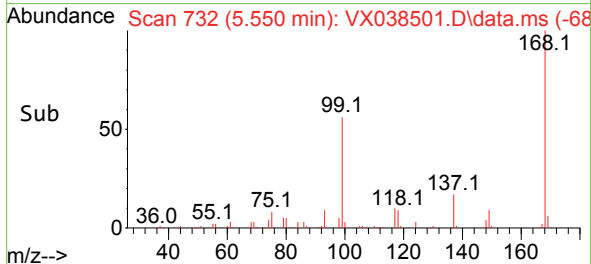
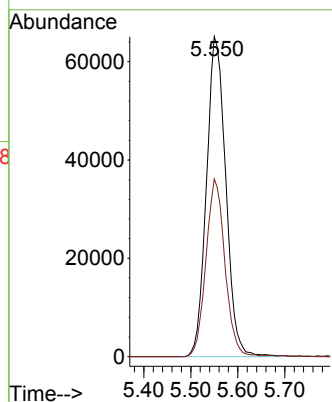
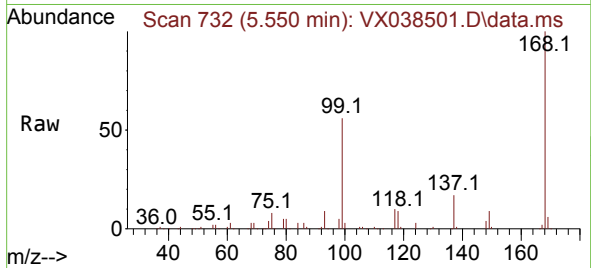




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

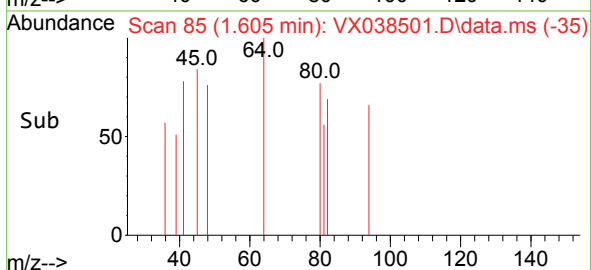
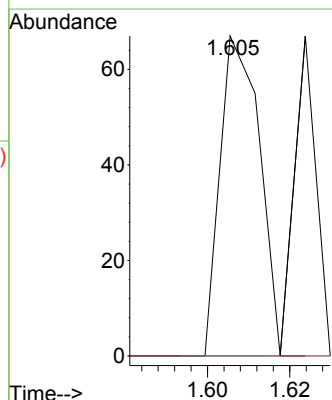
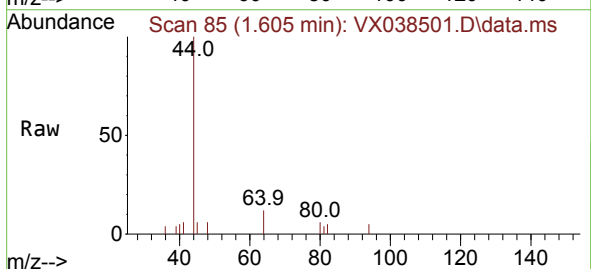
Instrument :
MSVOA_X
ClientSampleId :

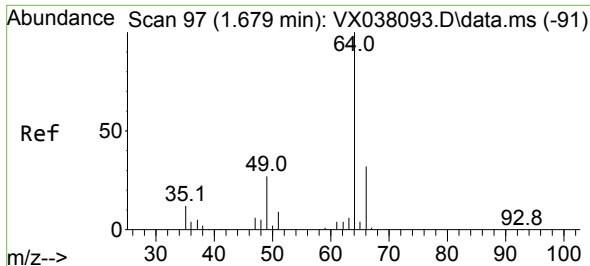
Tgt Ion:168 Resp: 185815
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

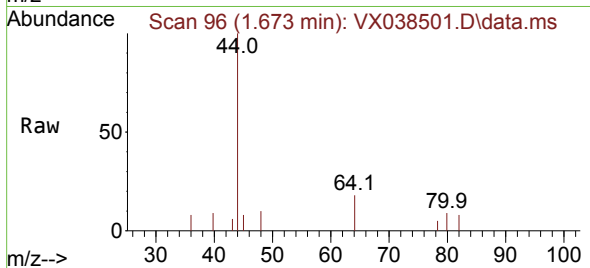
Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



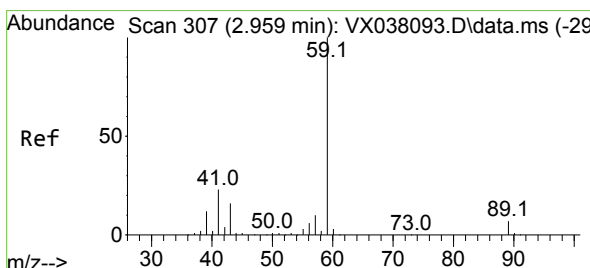
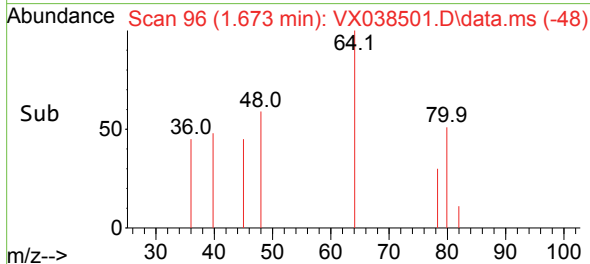
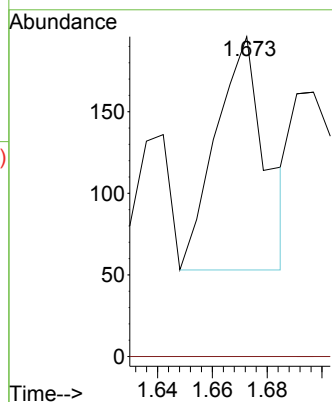


#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

Instrument :
MSVOA_X
ClientSampleId :

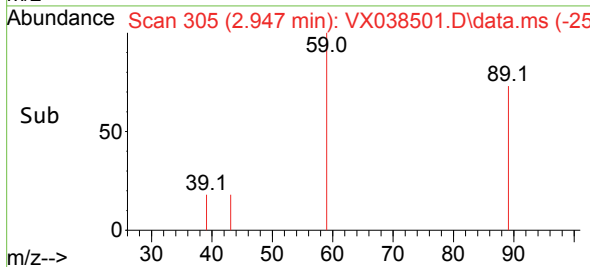
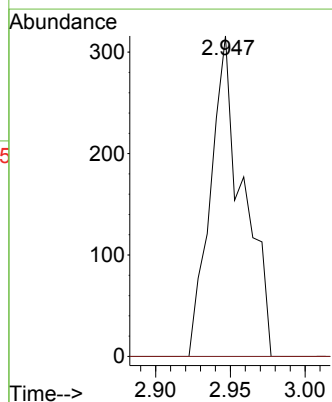
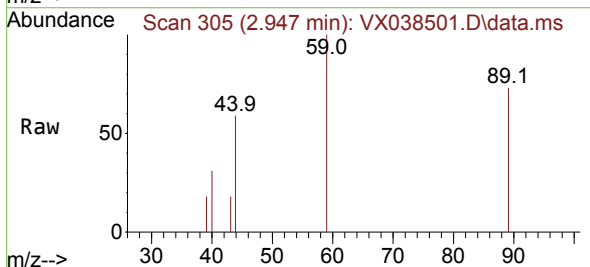


Tgt Ion: 64 Resp: 180
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

Tgt Ion: 59 Resp: 479
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

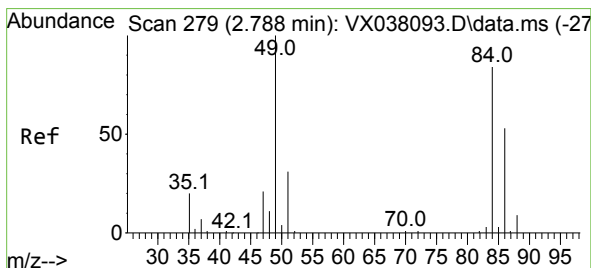
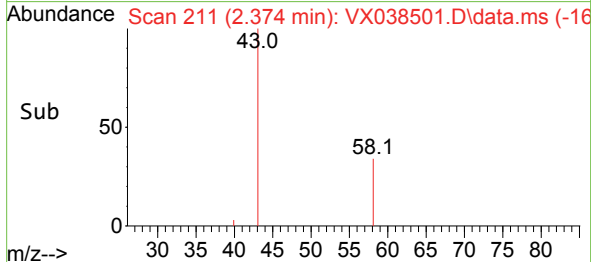
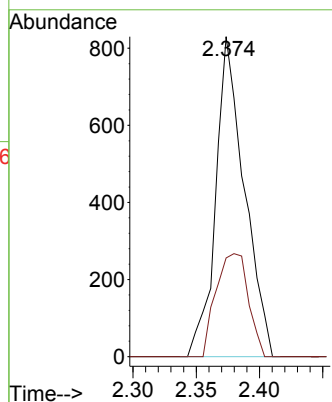
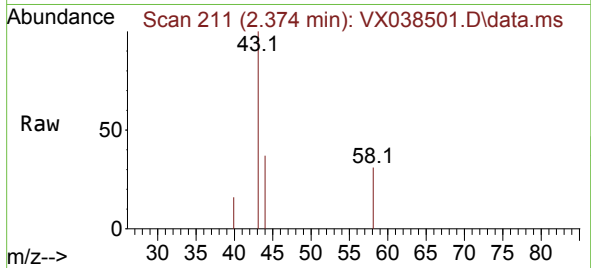




#16
Acetone
Concen: 1.045 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

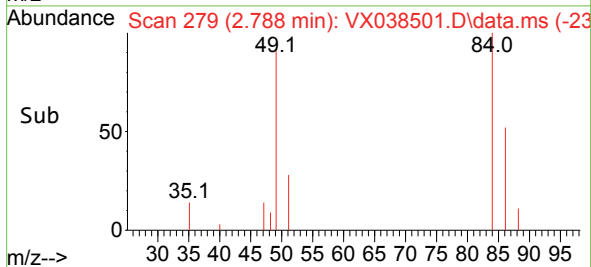
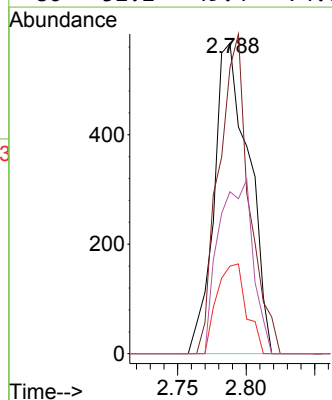
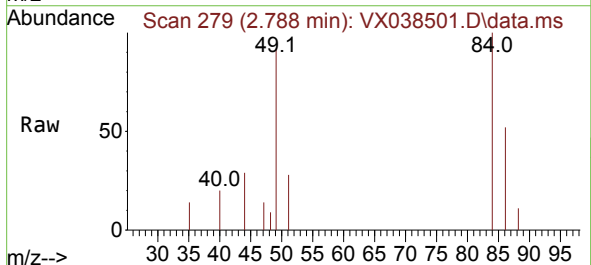
Instrument :
MSVOA_X
ClientSampleId :

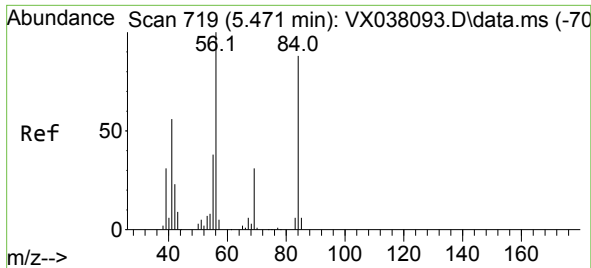
Tgt Ion: 43 Resp: 1304
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.427 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

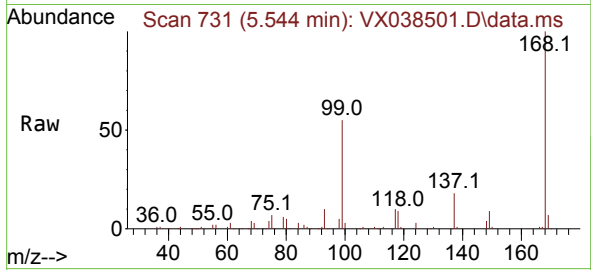
Tgt Ion: 84 Resp: 1003
Ion Ratio Lower Upper
84 100
49 92.1 103.6 155.4#
51 28.2 33.8 50.6#
86 52.2 49.4 74.0



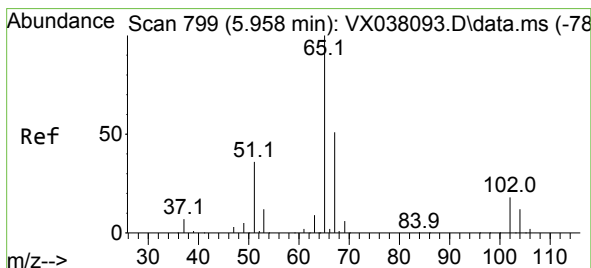
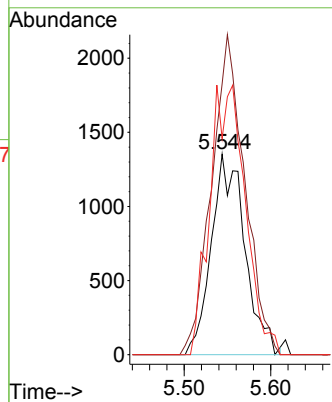
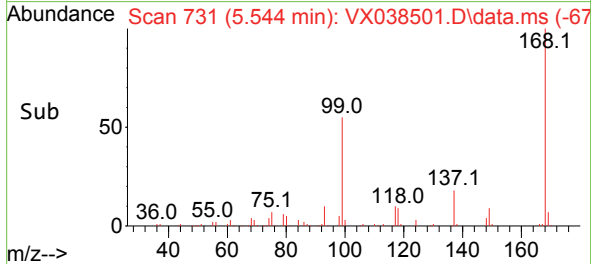


#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

Instrument :
MSVOA_X
ClientSampleId :

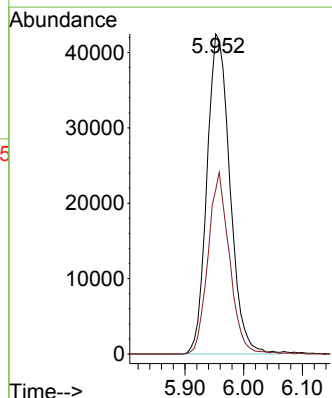
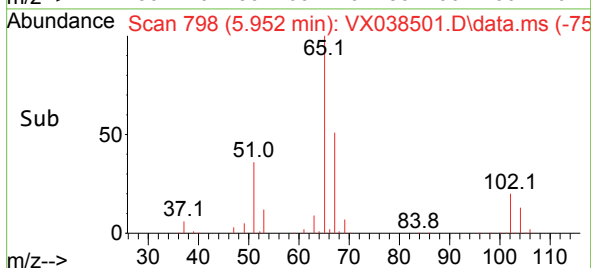
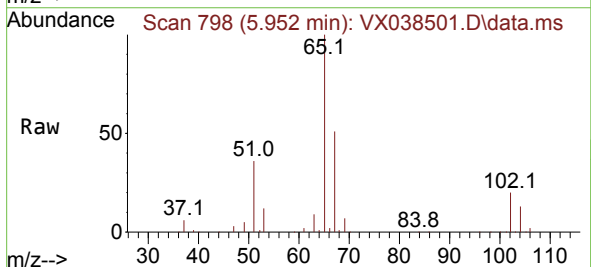


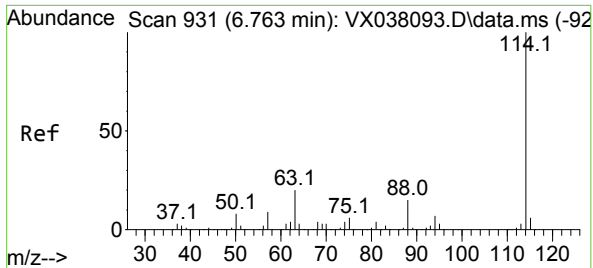
Tgt Ion: 56 Resp: 3631
Ion Ratio Lower Upper
56 100
69 135.0 23.4 35.2#
84 107.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 38.567 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

Tgt Ion: 65 Resp: 115265
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

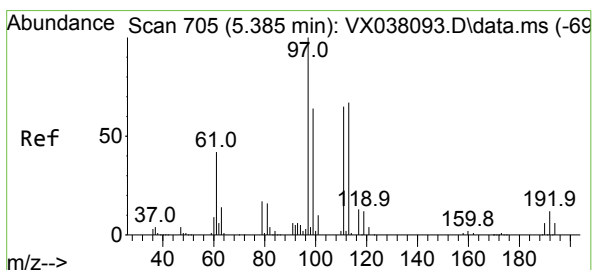
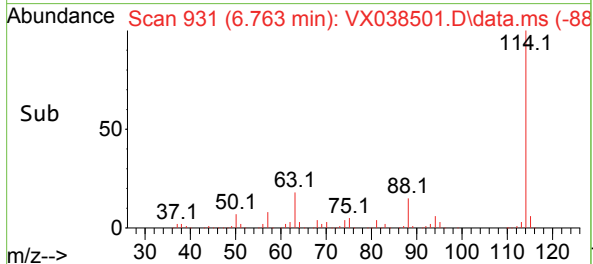
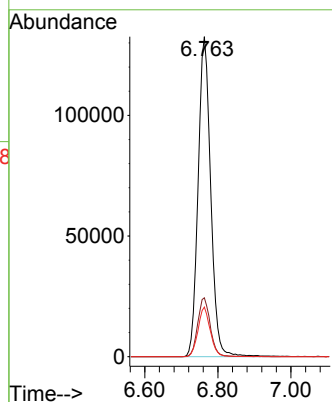
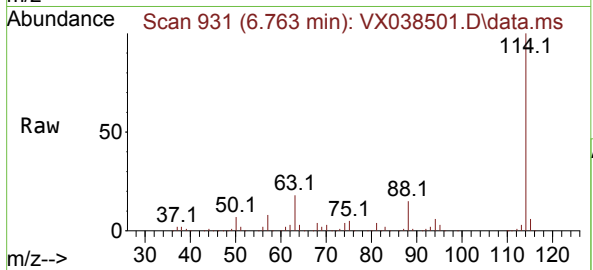




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

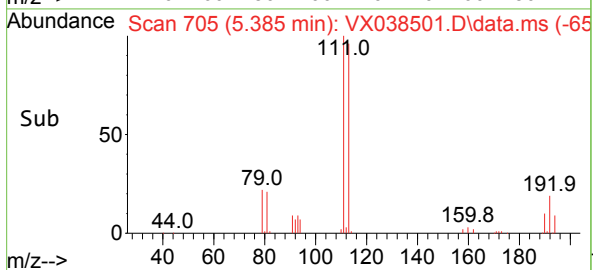
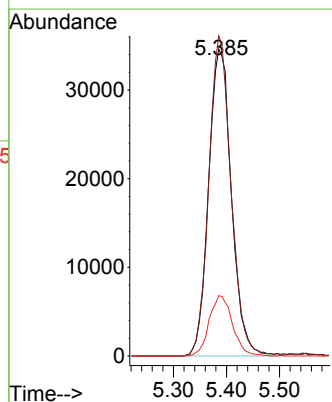
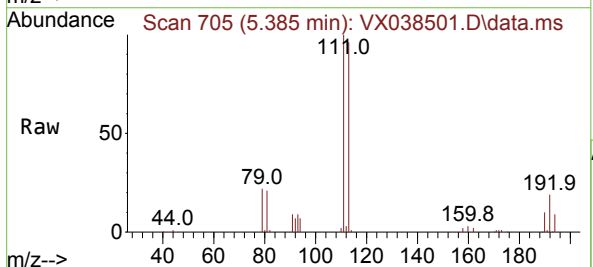
Instrument :
MSVOA_X
ClientSampleId :

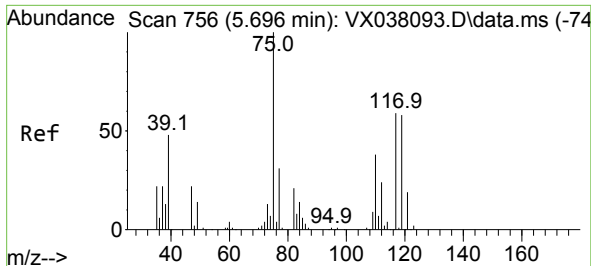
Tgt Ion:114 Resp: 318600
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.139 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

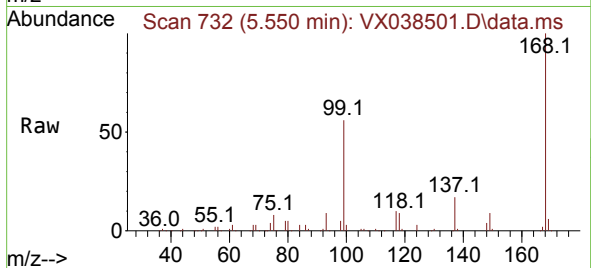
Tgt Ion:113 Resp: 103626
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 20.0 13.3 19.9#



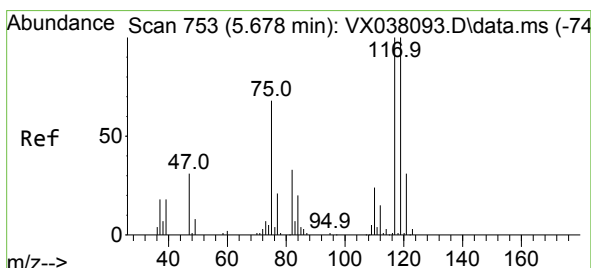
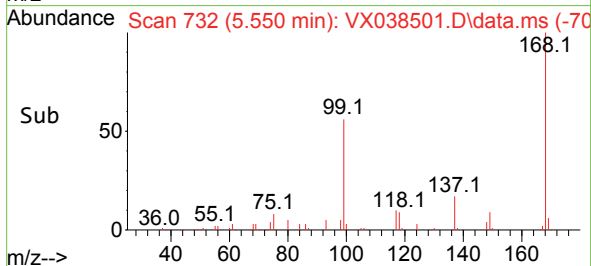
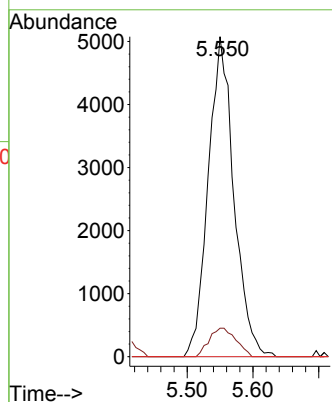


#36
1,1-Dichloropropene
Concen: 4.353 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

Instrument :
MSVOA_X
ClientSampleId :

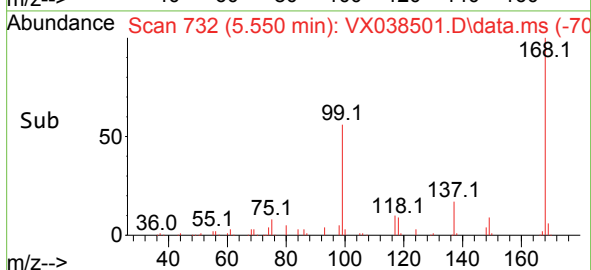
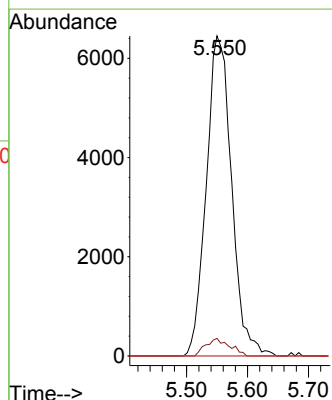
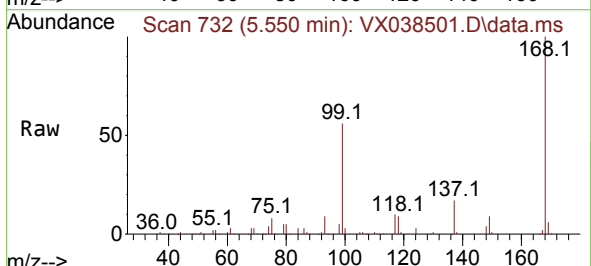


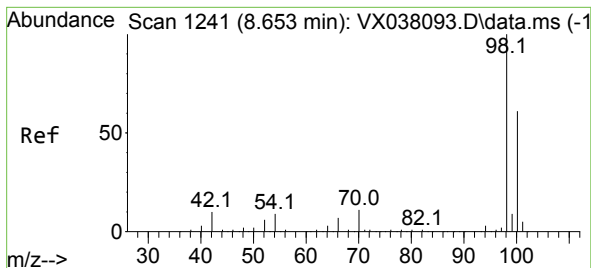
Tgt Ion: 75 Resp: 13779
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.977 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

Tgt Ion: 117 Resp: 18615
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 44.056 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038501.D

Acq: 26 Oct 2023 06:21

Instrument :

MSVOA_X

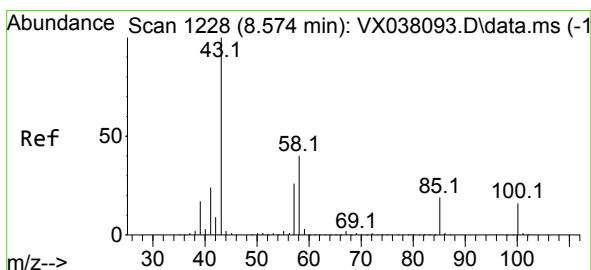
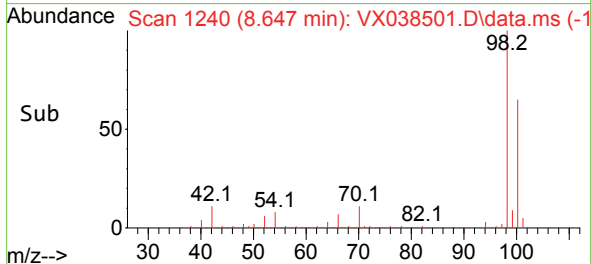
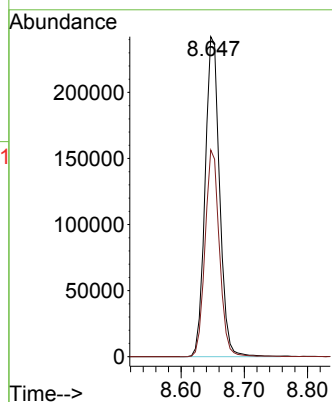
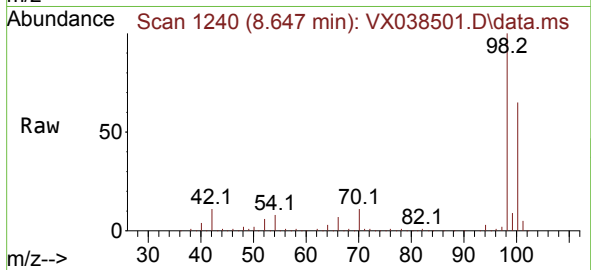
ClientSampleId :

Tgt Ion: 98 Resp: 386484

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.363 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX038501.D

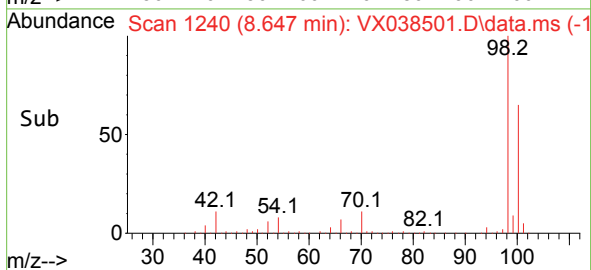
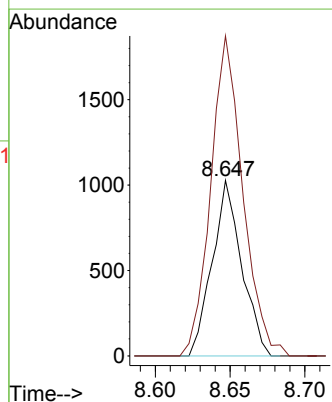
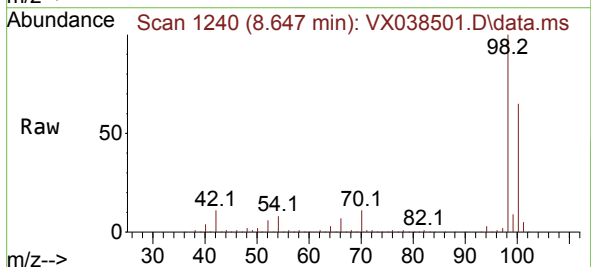
Acq: 26 Oct 2023 06:21

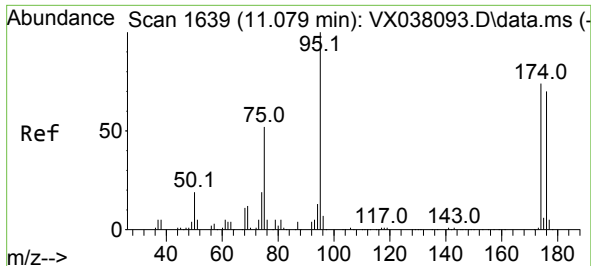
Tgt Ion: 43 Resp: 1407

Ion Ratio Lower Upper

43 100

58 198.6 30.4 45.6#

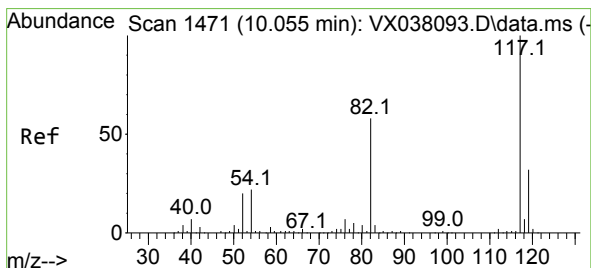
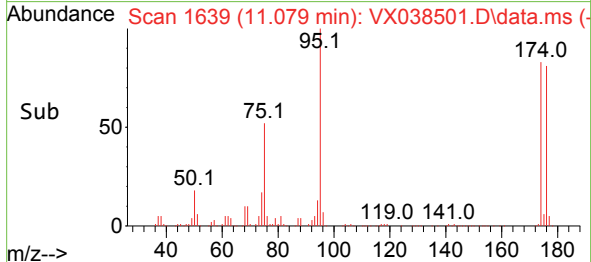
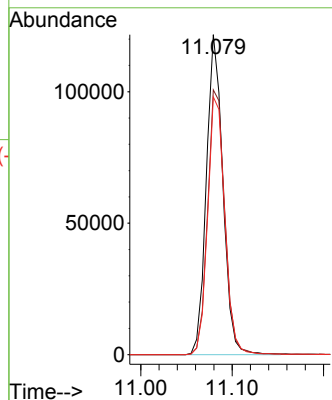
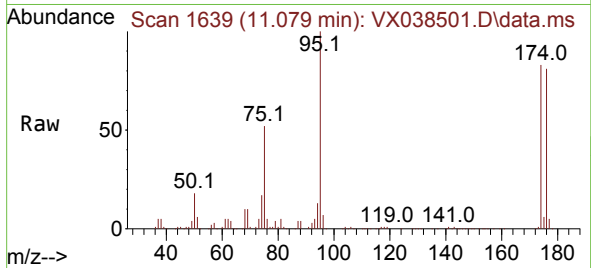




#62
4-Bromofluorobenzene
Concen: 45.890 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

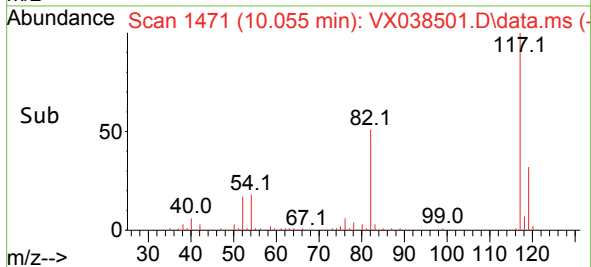
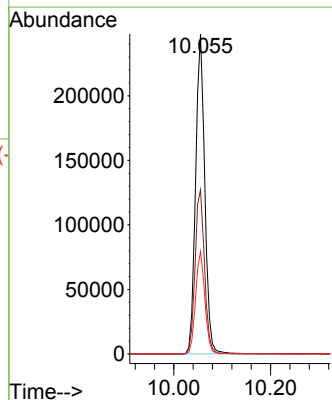
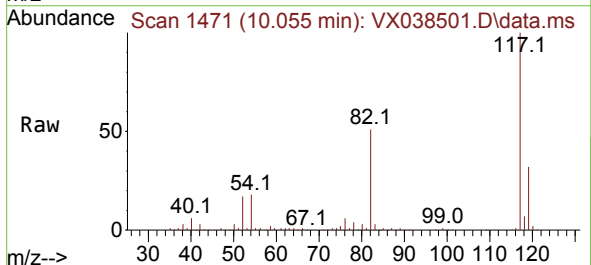
Instrument :
MSVOA_X
ClientSampleId :

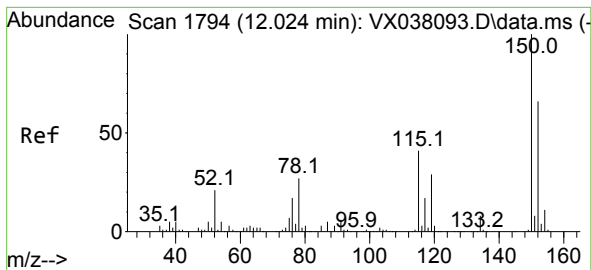
Tgt Ion: 95 Resp: 152618
Ion Ratio Lower Upper
95 100
174 86.9 0.0 135.6
176 84.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038501.D
Acq: 26 Oct 2023 06:21

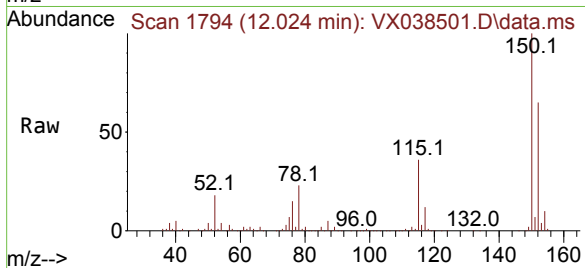
Tgt Ion: 117 Resp: 326308
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 32.0 25.5 38.3



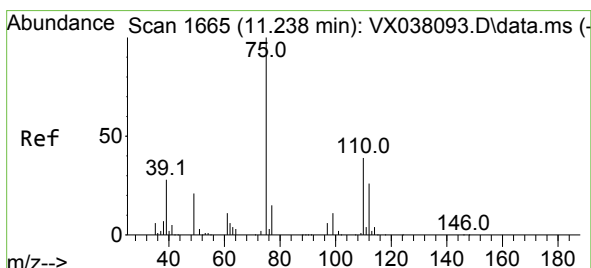
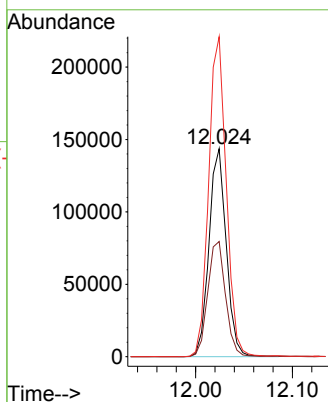
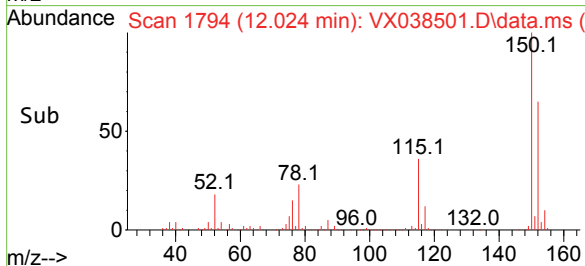


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038501.D
 Acq: 26 Oct 2023 06:21

Instrument :
 MSVOA_X
 ClientSampleId :

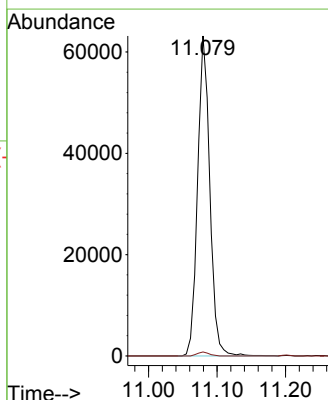
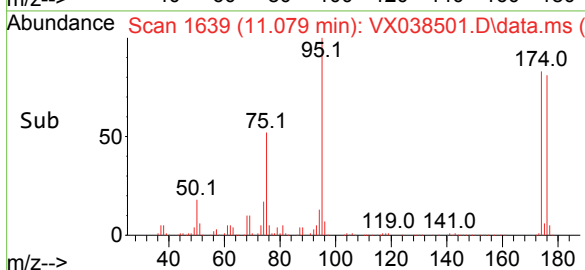
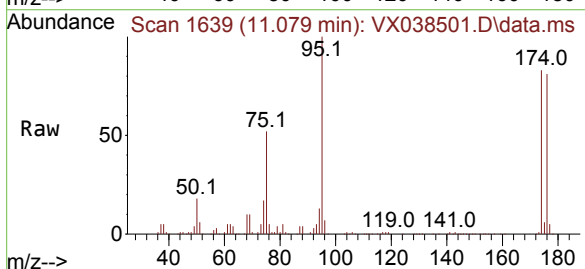


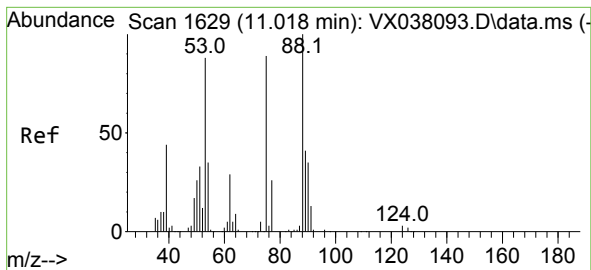
Tgt Ion:152 Resp: 178683
 Ion Ratio Lower Upper
 152 100
 115 57.3 43.3 129.9
 150 156.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.338 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038501.D
 Acq: 26 Oct 2023 06:21

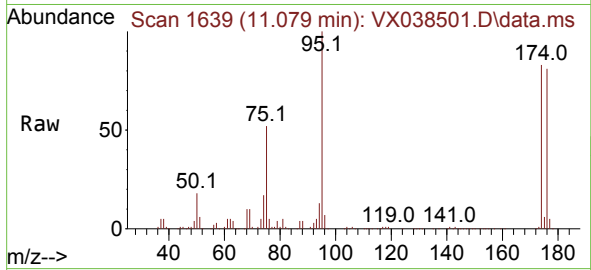
Tgt Ion: 75 Resp: 78554
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.945 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038501.D
 Acq: 26 Oct 2023 06:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 78554
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

