

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038306.D
 Acq On : 16 Oct 2023 16:09
 Operator : JC/MD
 Sample : 04899-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:24:20 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)

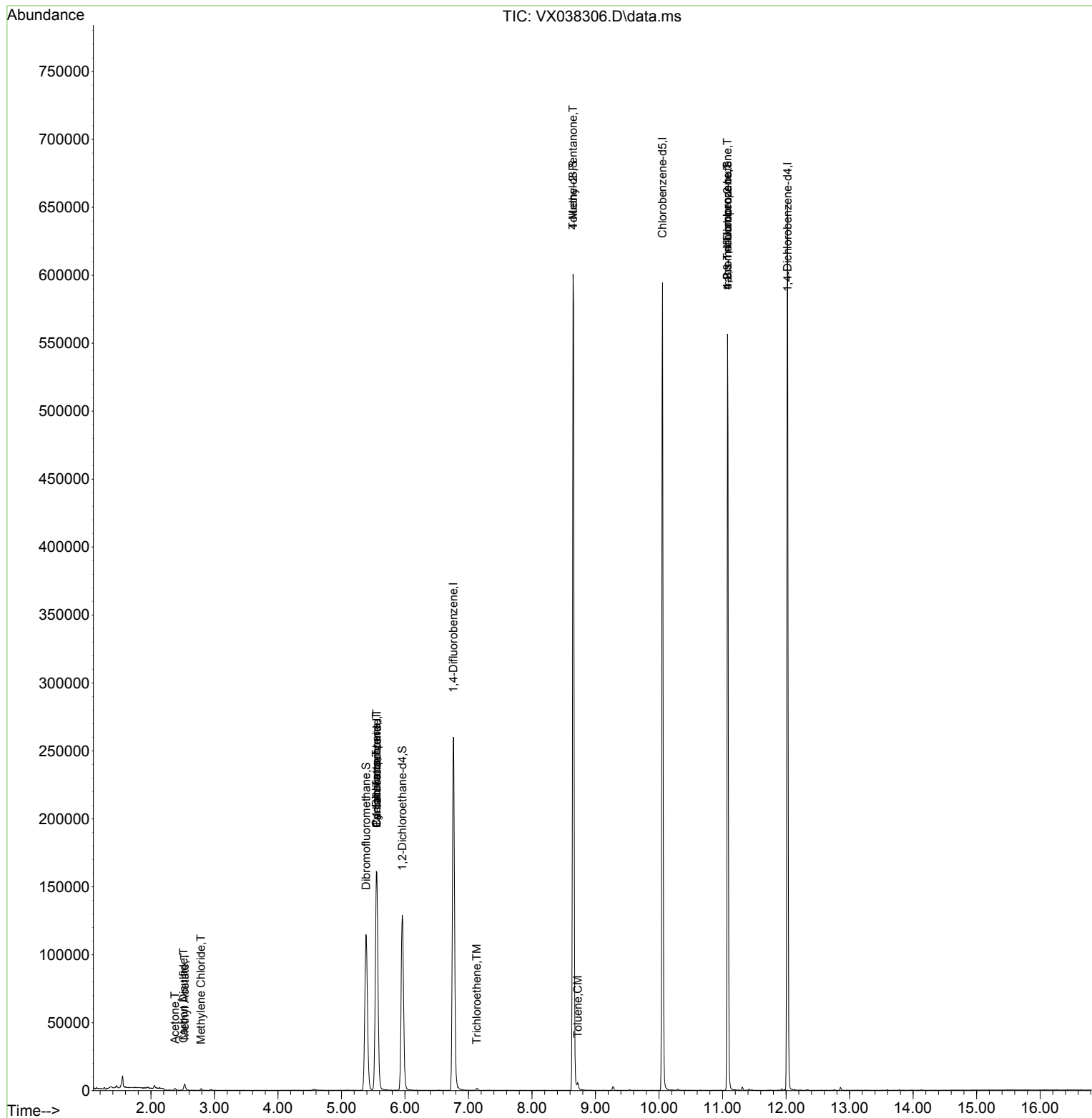
Internal Standards						
1) Pentafluorobenzene	5.556	168	152626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127302	51.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.720%	
35) Dibromofluoromethane	5.385	113	98217	51.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.600%	
50) Toluene-d8	8.646	98	364552	49.834	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.660%	
62) 4-Bromofluorobenzene	11.079	95	141061	50.864	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	22	Below Cal		98
6) Chloroethane	1.678	64	143	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	466	Below Cal	#	78
16) Acetone	2.379	43	1495	1.459	ug/l	92
17) Carbon Disulfide	2.513	76	1073	0.267	ug/l	96
18) Methyl Acetate	2.532	43	1447	0.329	ug/l	# 53
20) Methylene Chloride	2.788	84	503	0.261	ug/l	# 77
31) Cyclohexane	5.549	56	3493	1.313	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	12828	4.859	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	16269	6.265	ug/l	# 15
44) Trichloroethene	7.128	130	539	0.279	ug/l	75
51) 4-Methyl-2-Pentanone	8.646	43	1649	0.511	ug/l	# 1
52) Toluene	8.720	92	1557	0.324	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	78100	25.554	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	78100	72.629	ug/l	# 5

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

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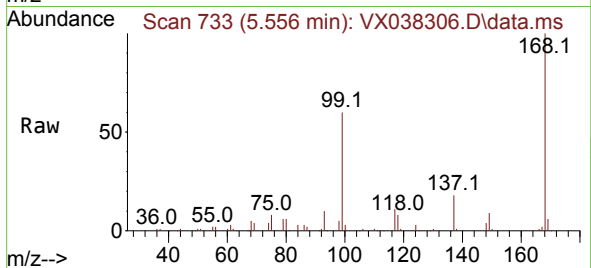
Quant Time: Oct 17 01:24:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



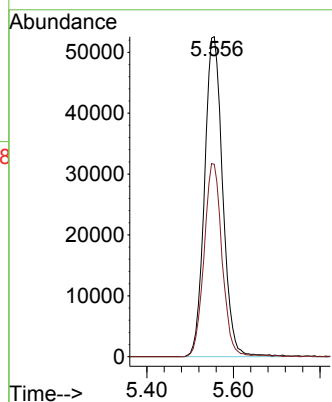
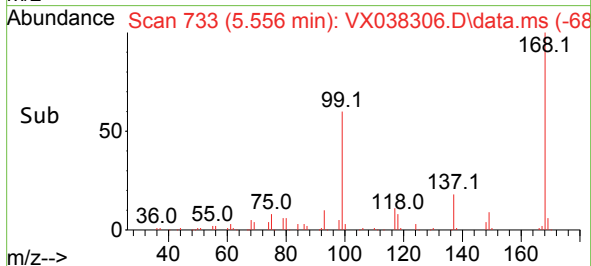


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

Instrument :
MSVOA_X
ClientSampleId :

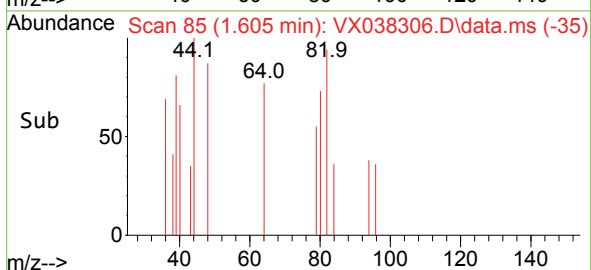
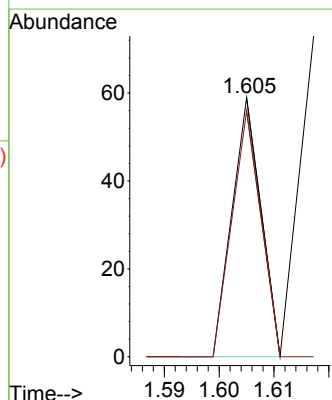
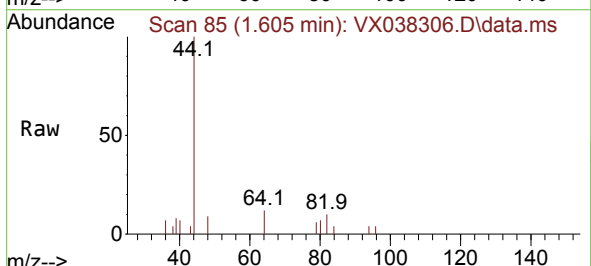


Tgt Ion:168 Resp: 152626
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

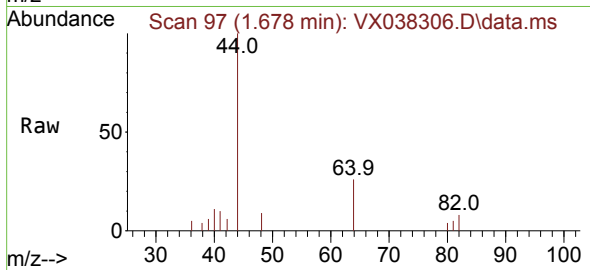
Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8



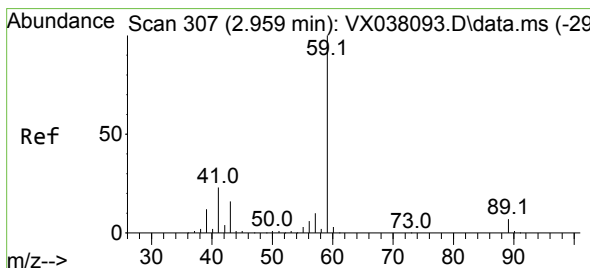
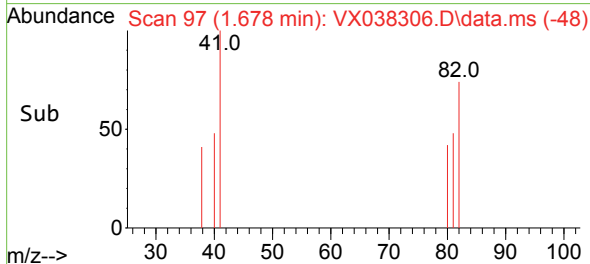
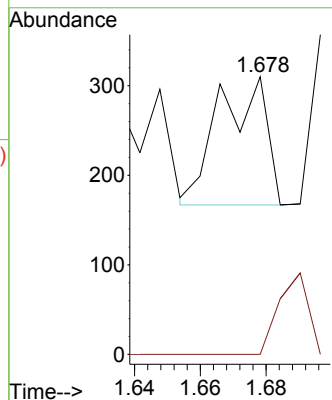


#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

Instrument :
MSVOA_X
ClientSampleId :

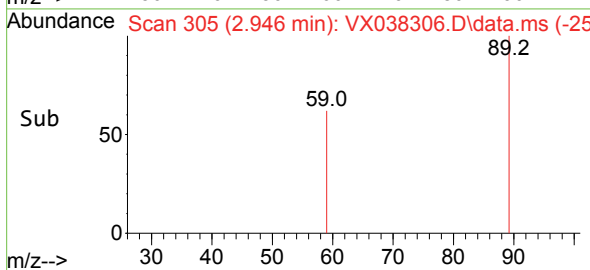
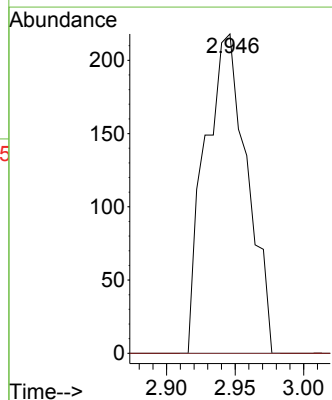
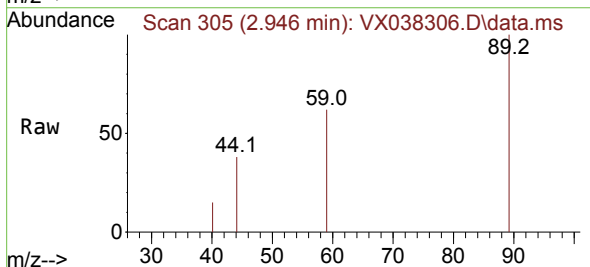


Tgt Ion: 64 Resp: 143
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

Tgt Ion: 59 Resp: 466
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

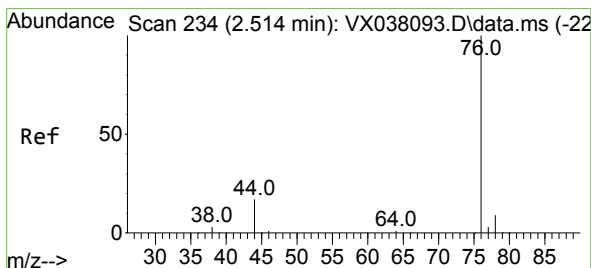
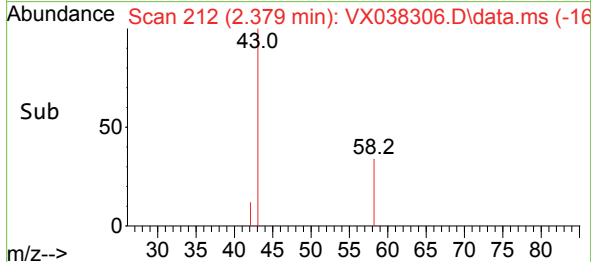
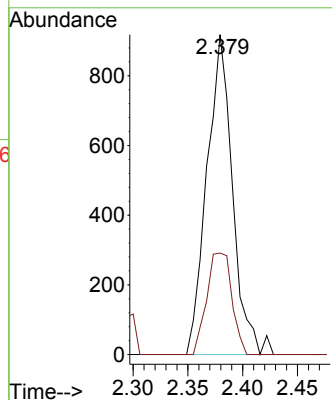
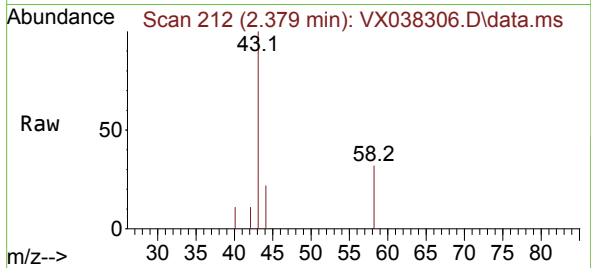




#16
Acetone
Concen: 1.459 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

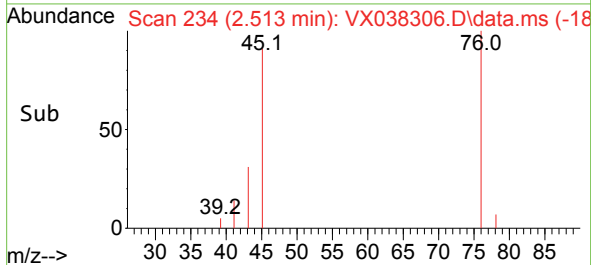
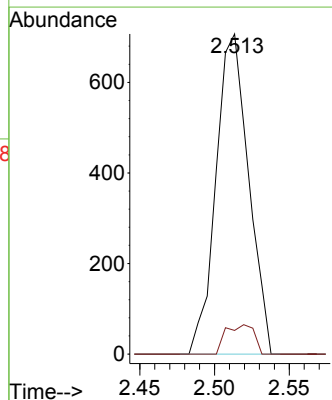
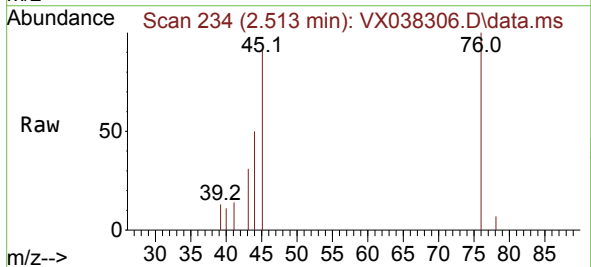
Instrument :
MSVOA_X
ClientSampleId :

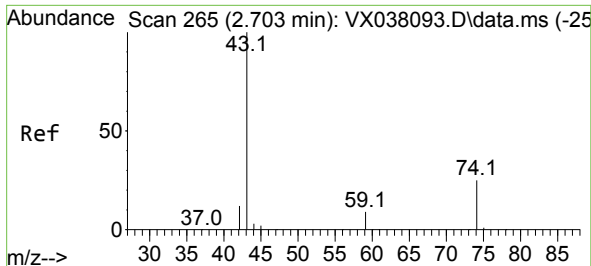
Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.267 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.005 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

Tgt Ion: 76 Resp: 1073
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.6

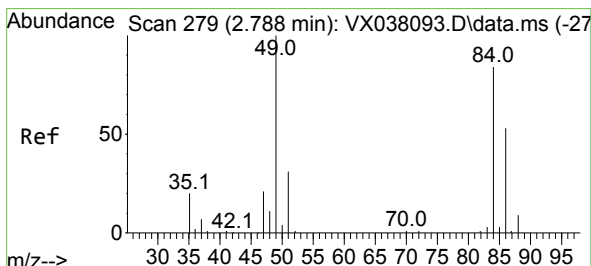
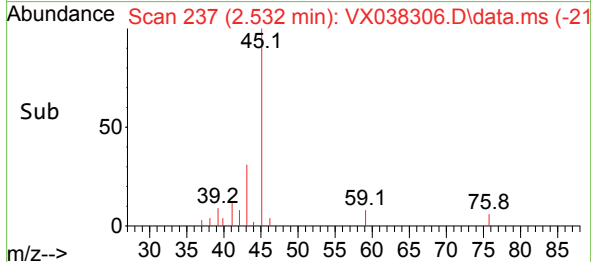
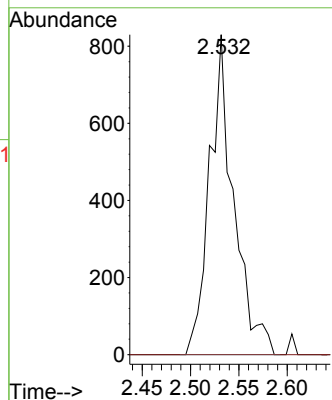
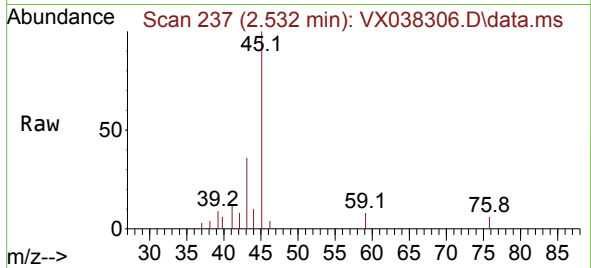




#18
Methyl Acetate
Concen: 0.329 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.171 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

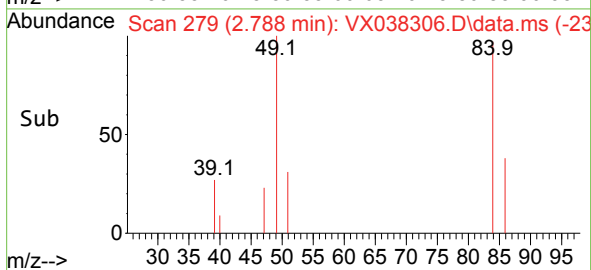
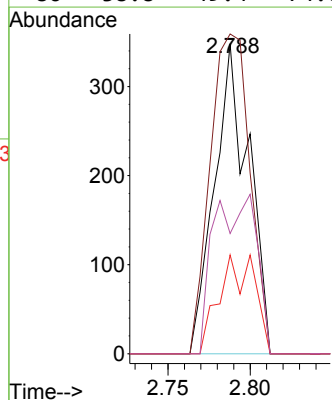
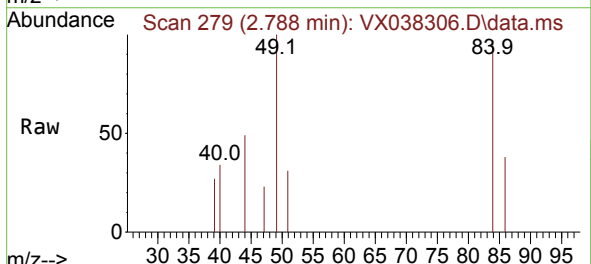
Instrument :
MSVOA_X
ClientSampleId :

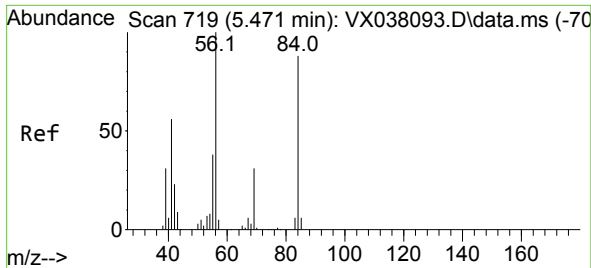
Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

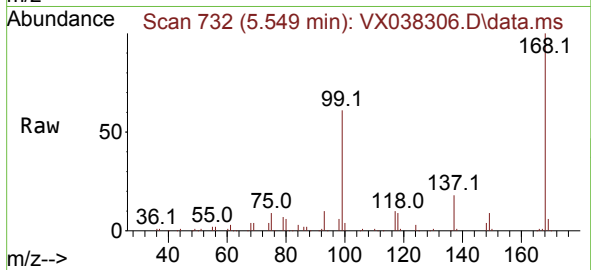
Tgt Ion: 84 Resp: 503
Ion Ratio Lower Upper
84 100
49 103.2 103.6 155.4#
51 31.9 33.8 50.6#
86 38.8 49.4 74.0#



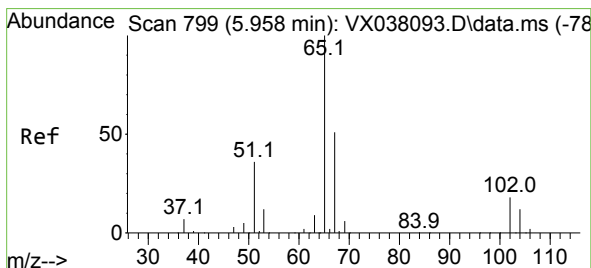
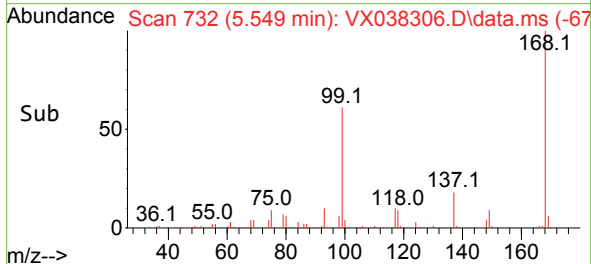
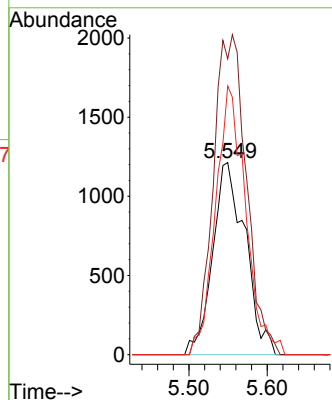


#31
Cyclohexane
Concen: 1.313 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

Instrument :
MSVOA_X
ClientSampleId :

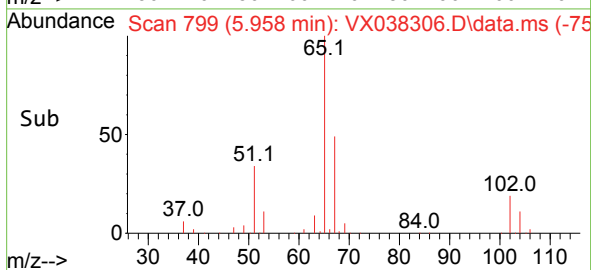
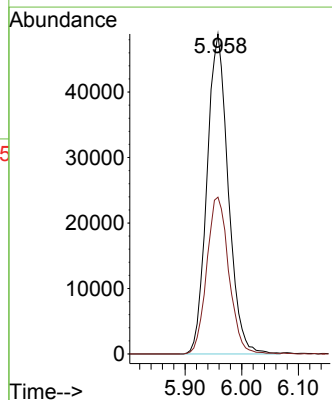
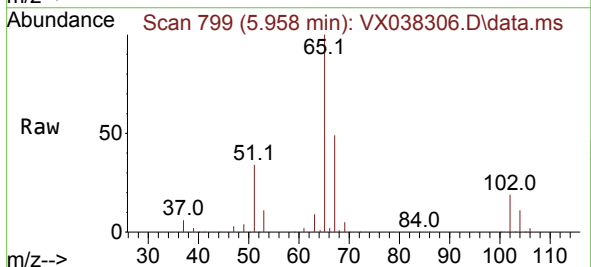


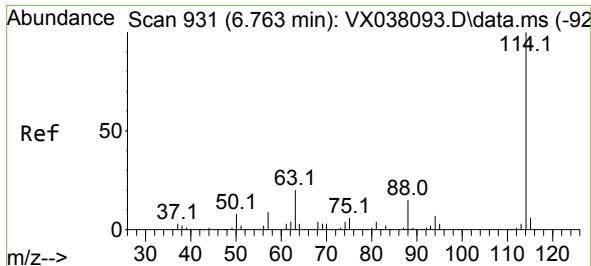
Tgt Ion: 56 Resp: 3493
Ion Ratio Lower Upper
56 100
69 154.0 23.4 35.2#
84 139.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.856 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

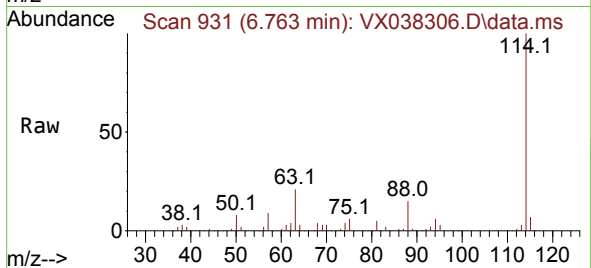
Tgt Ion: 65 Resp: 127302
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2



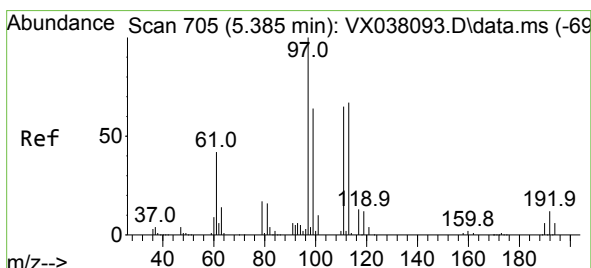
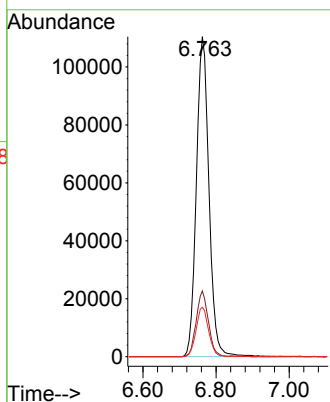
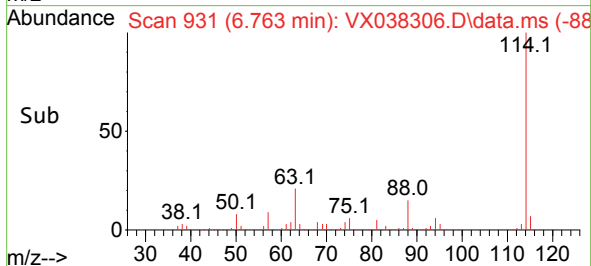


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

Instrument :
MSVOA_X
ClientSampleId :

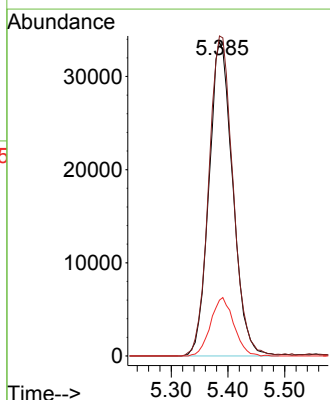
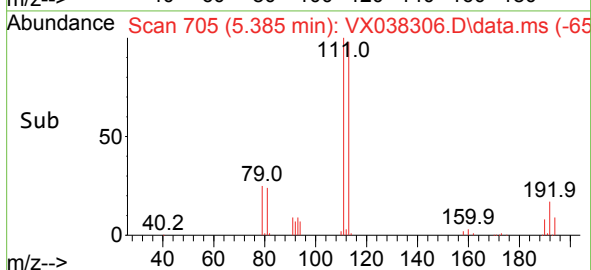
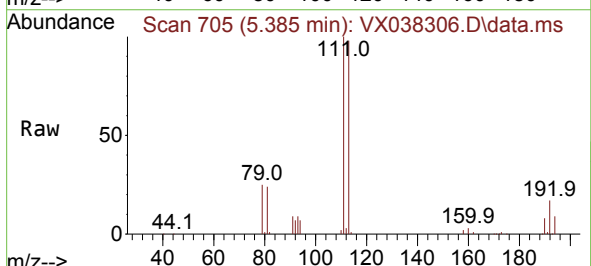


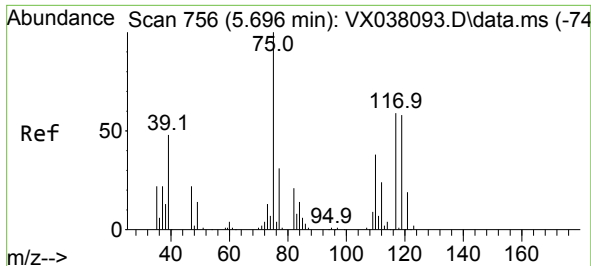
Tgt Ion:114 Resp: 265678
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.305 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

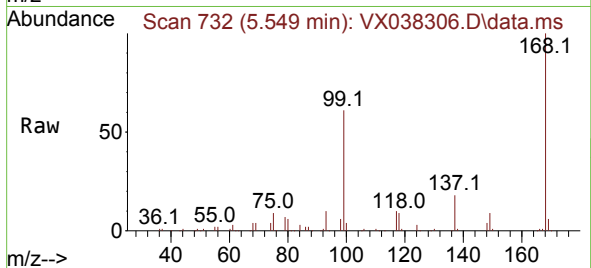
Tgt Ion:113 Resp: 98217
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.2 13.3 19.9



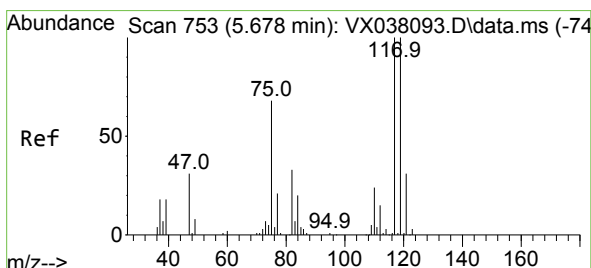
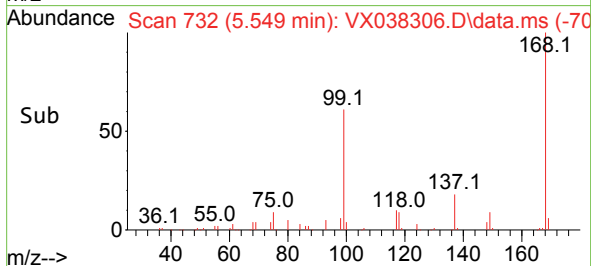
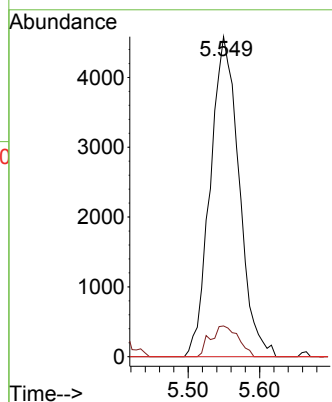


#36
 1,1-Dichloropropene
 Concen: 4.859 ug/l
 RT: 5.549 min Scan# 713
 Delta R.T. -0.141 min
 Lab File: VX038306.D
 Acq: 16 Oct 2023 16:09

Instrument :
 MSVOA_X
 ClientSampleId :

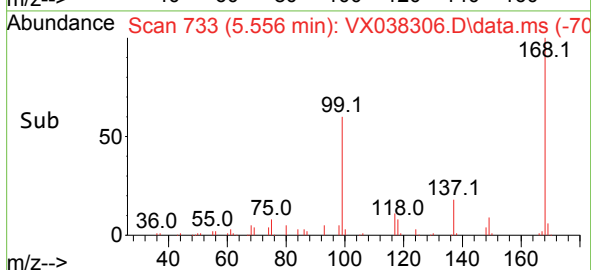
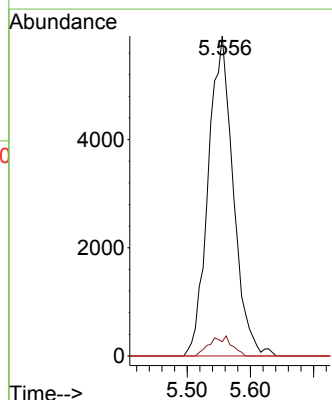
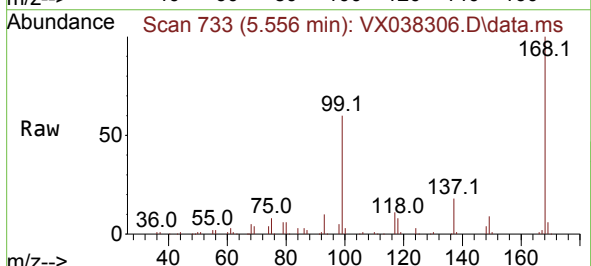


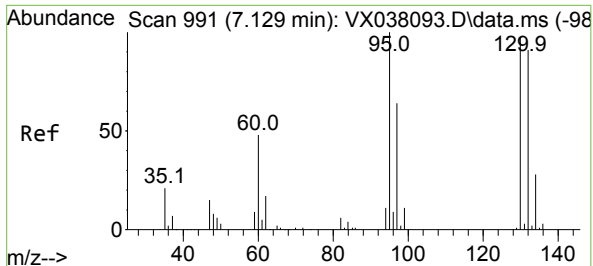
Tgt Ion: 75 Resp: 12828
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.265 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX038306.D
 Acq: 16 Oct 2023 16:09

Tgt Ion: 117 Resp: 16269
 Ion Ratio Lower Upper
 117 100
 119 4.4 78.2 117.2#
 121 0.0 24.4 36.6#

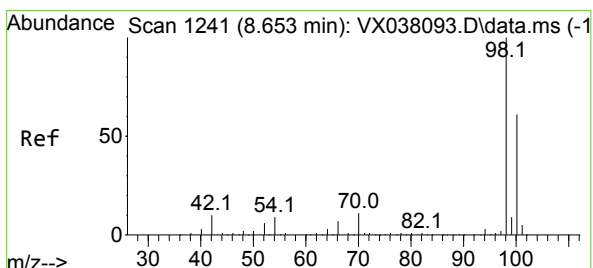
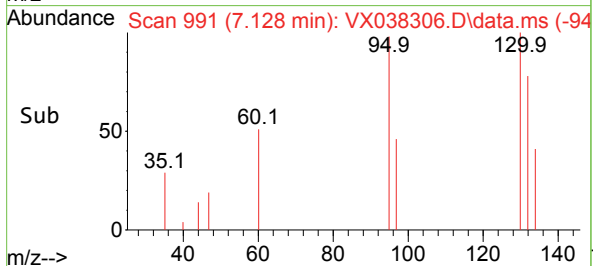
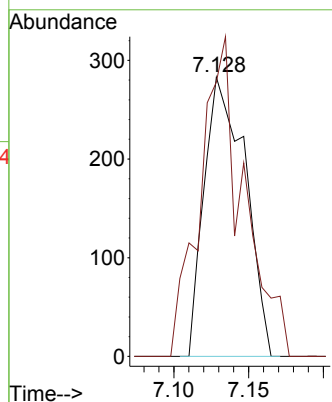
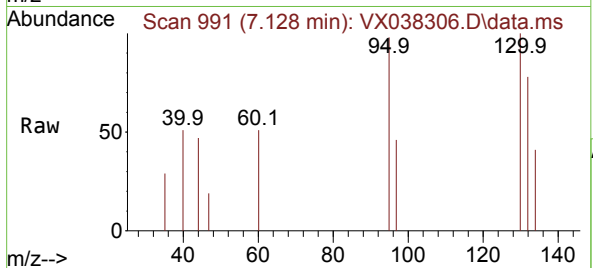




#44
Trichloroethene
Concen: 0.279 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

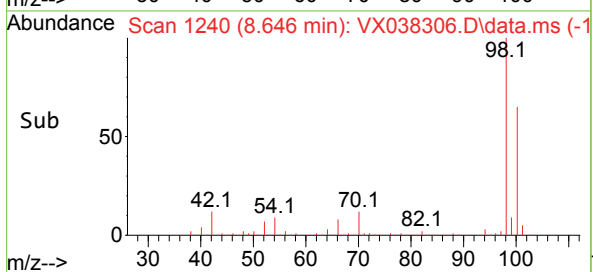
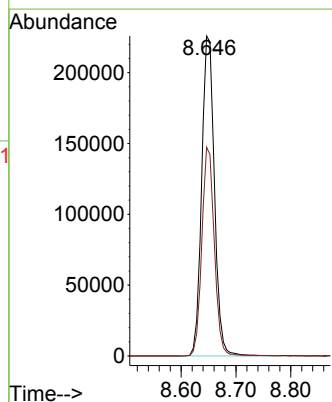
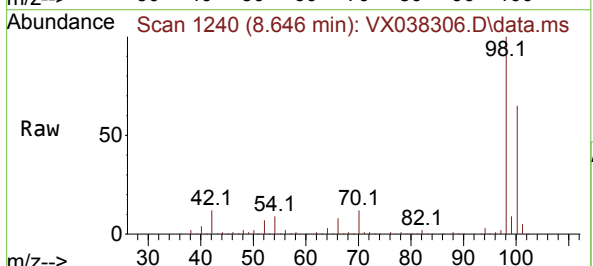
Instrument :
MSVOA_X
ClientSampleId :

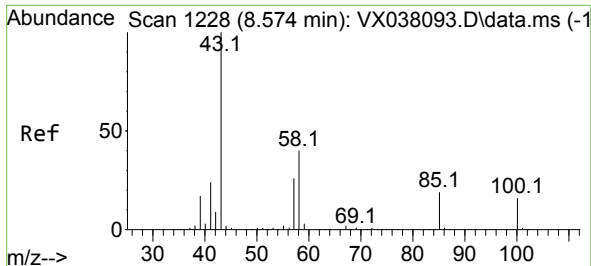
Tgt Ion:130 Resp: 539
Ion Ratio Lower Upper
130 100
95 76.7 0.0 204.4



#50
Toluene-d8
Concen: 49.834 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

Tgt Ion: 98 Resp: 364552
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

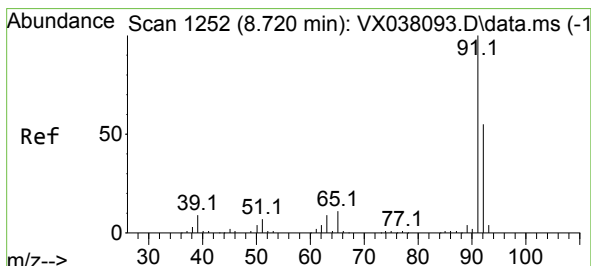
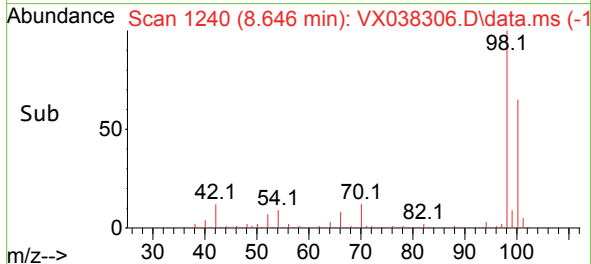
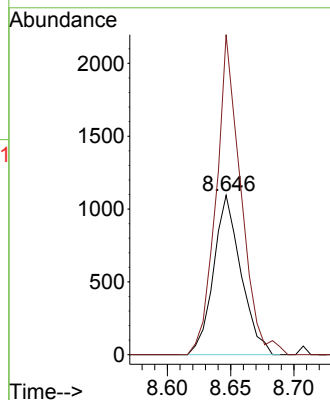
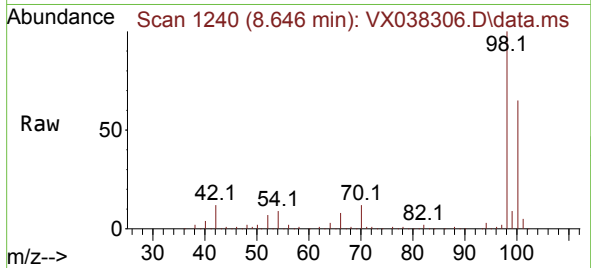




#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.072 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

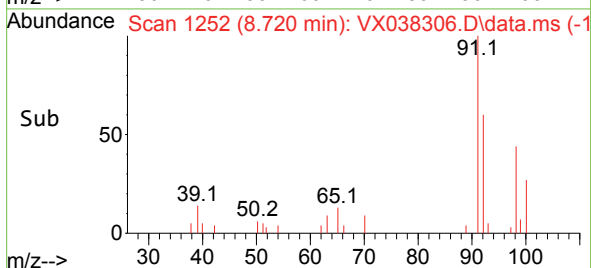
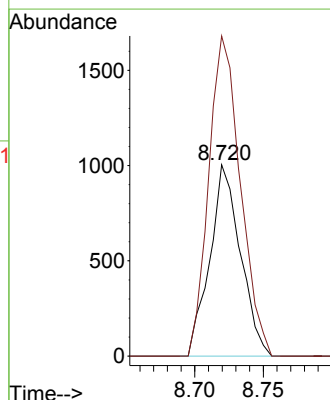
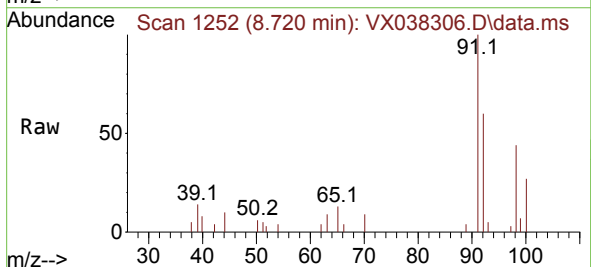
Instrument :
MSVOA_X
ClientSampleId :

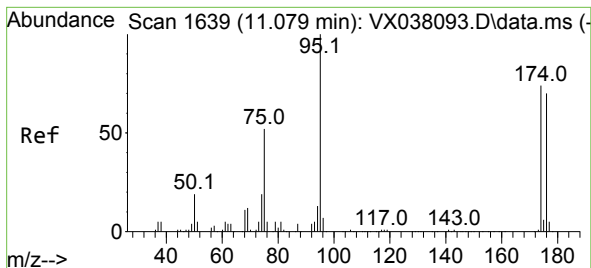
Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
58 180.8 30.4 45.6#



#52
Toluene
Concen: 0.324 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

Tgt Ion: 92 Resp: 1557
Ion Ratio Lower Upper
92 100
91 173.5 134.2 201.2

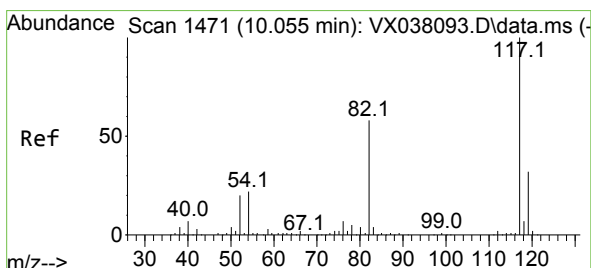
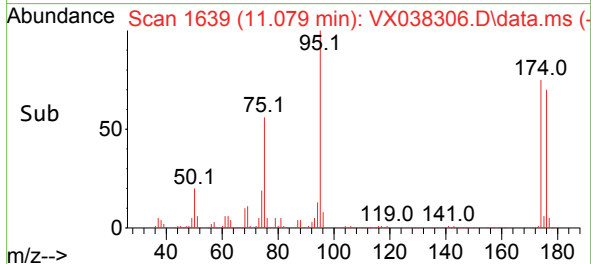
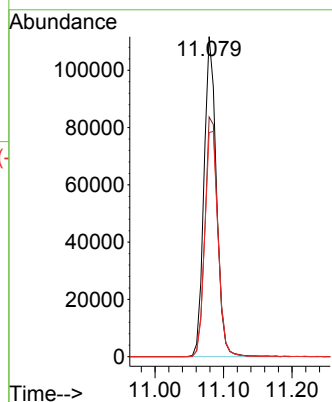
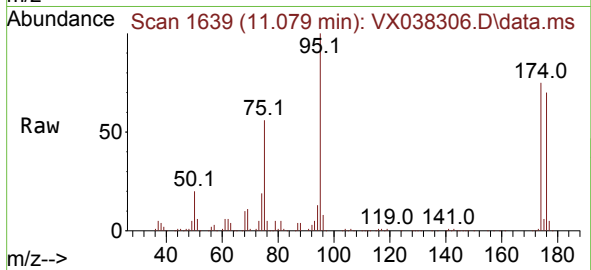




#62
4-Bromofluorobenzene
Concen: 50.864 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

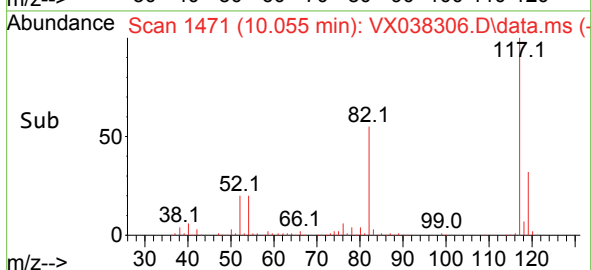
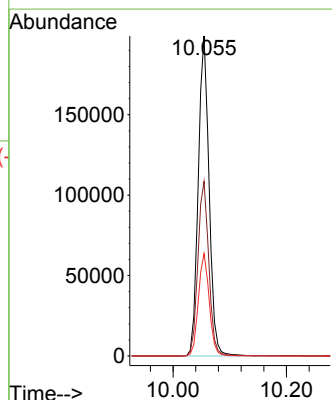
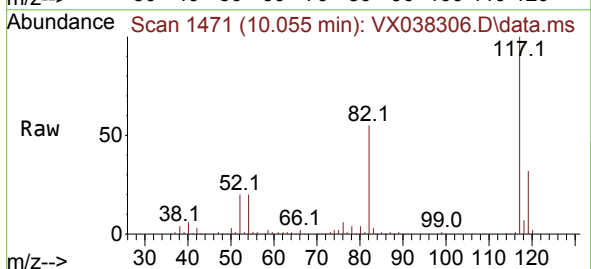
Instrument :
MSVOA_X
ClientSampleId :

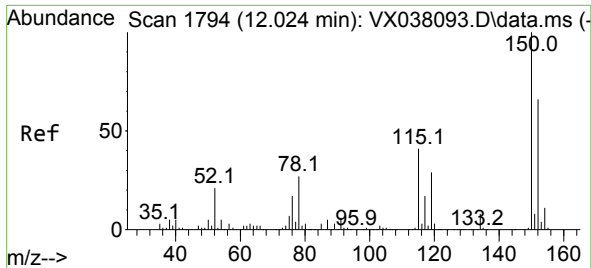
Tgt Ion: 95 Resp: 141061
Ion Ratio Lower Upper
95 100
174 78.6 0.0 135.6
176 75.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

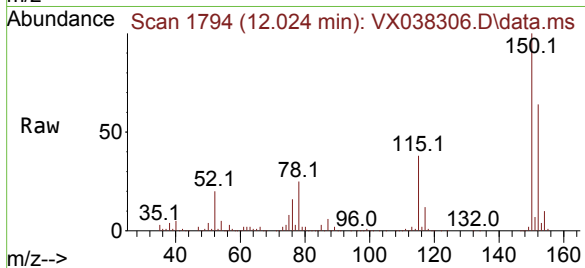
Tgt Ion: 117 Resp: 263441
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.0 25.5 38.3



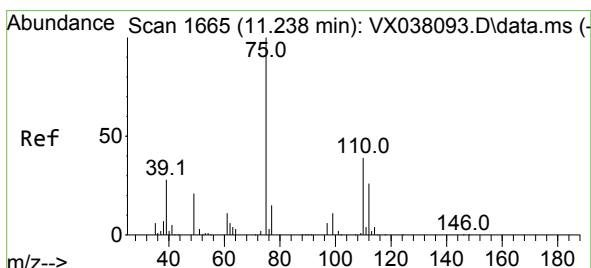
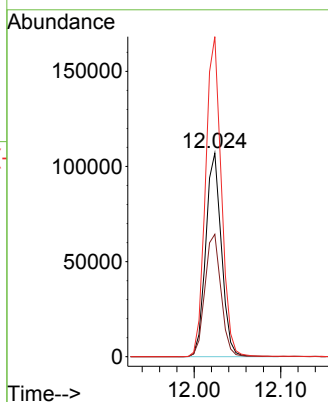
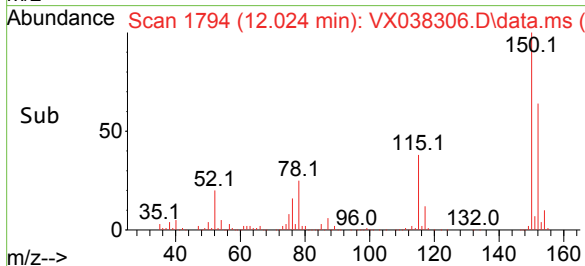


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX038306.D
 Acq: 16 Oct 2023 16:09

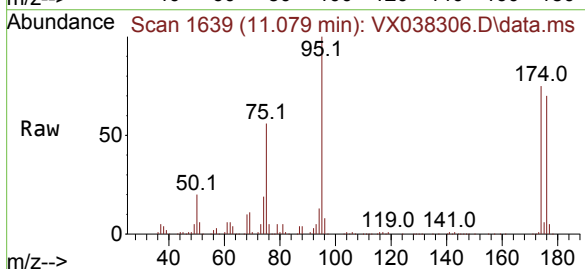
Instrument :
 MSVOA_X
 ClientSampleId :



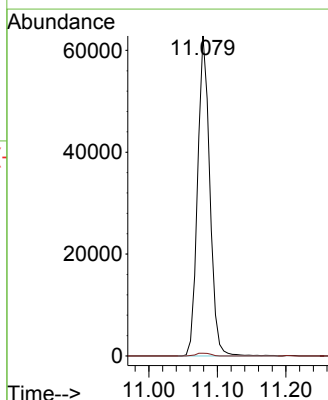
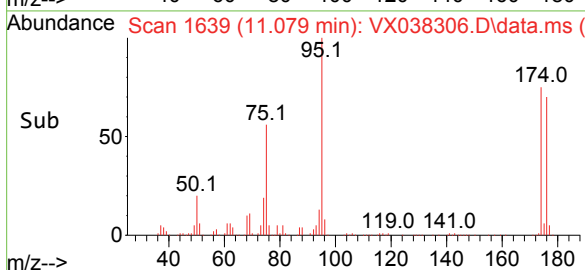
Tgt Ion:152 Resp: 134440
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.3 129.9
 150 159.1 0.0 345.0

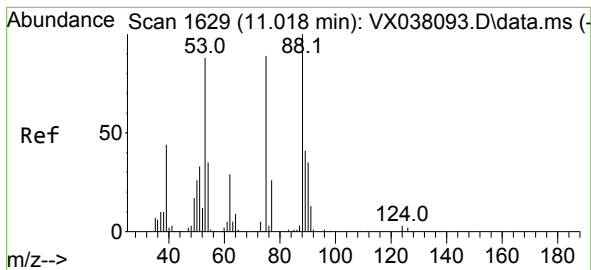


#76
 1,2,3-Trichloropropane
 Concen: 25.554 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038306.D
 Acq: 16 Oct 2023 16:09



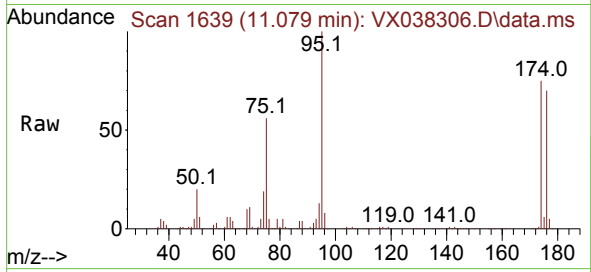
Tgt Ion: 75 Resp: 78100
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.629 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038306.D
 Acq: 16 Oct 2023 16:09

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 78100
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

