

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037854.D
 Acq On : 21 Sep 2023 14:50
 Operator : JC/MD
 Sample : PB155679TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 04:44:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

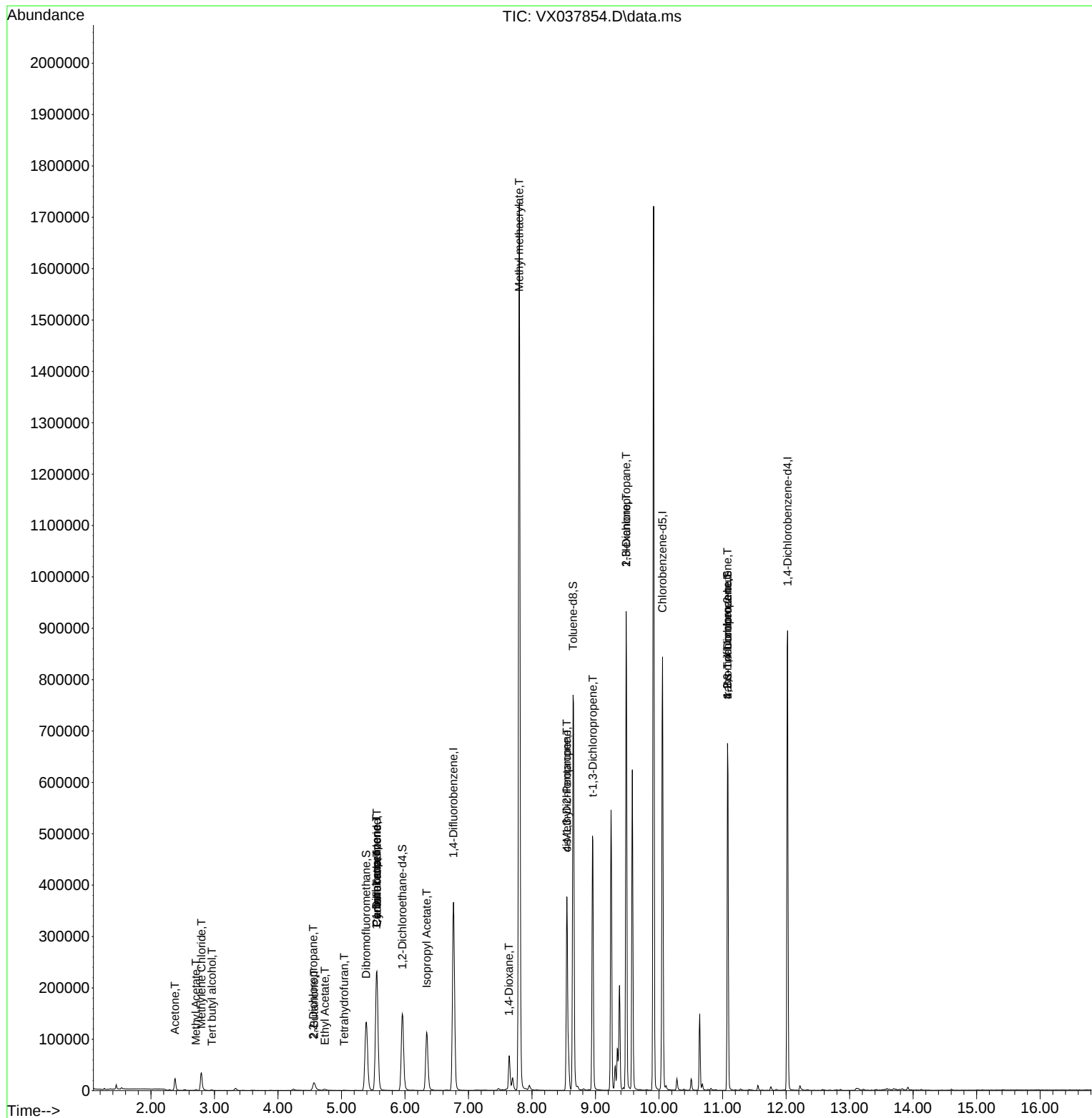
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	224032	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	384883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143559	48.773	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.540%		
35) Dibromofluoromethane	5.385	113	119922	46.567	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.140%		
50) Toluene-d8	8.647	98	470995	49.222	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.440%		
62) 4-Bromofluorobenzene	11.079	95	173847	49.998	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.000%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	1137	1.800	ug/l	# 78
16) Acetone	2.380	43	24957	17.625	ug/l	# 89
18) Methyl Acetate	2.709	43	1511	0.296	ug/l	# 88
20) Methylene Chloride	2.794	84	18254	6.951	ug/l	# 89
25) 2-Butanone	4.568	43	15193	7.603	ug/l	# 98
26) 2,2-Dichloropropane	4.556	77	740	0.202	ug/l	# 54
29) Tetrahydrofuran	5.044	42	457	0.368	ug/l	# 52
31) Cyclohexane	5.556	56	4923	1.303	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	17127	4.828	ug/l	# 51
37) Ethyl Acetate	4.739	43	3612	0.926	ug/l	# 89
38) Carbon Tetrachloride	5.556	117	23123	6.230	ug/l	# 14
43) Isopropyl Acetate	6.342	43	153182	24.563	ug/l	# 95
48) Methyl methacrylate	7.799	41	144506	48.473	ug/l	# 48
49) 1,4-Dioxane	7.635	88	19	0.243	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	146397	37.001	ug/l	# 37
53) t-1,3-Dichloropropene	8.958	75	1314	0.335	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	59483	13.695	ug/l	# 58
57) 1,3-Dichloropropane	9.482	76	8575	1.788	ug/l	# 42
59) 2-Hexanone	9.482	43	100653	32.673	ug/l	# 56
76) 1,2,3-Trichloropropane	11.079	75	88463	20.202	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	88463	64.713	ug/l	# 5

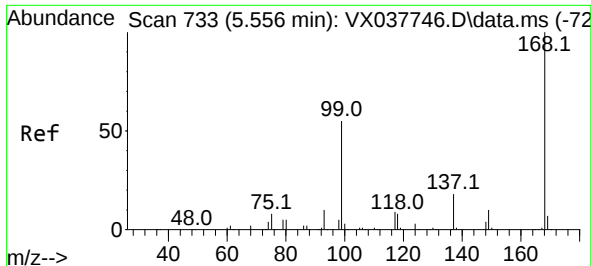
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX037854.D

Acq: 21 Sep 2023 14:50

Instrument :

MSVOA_X

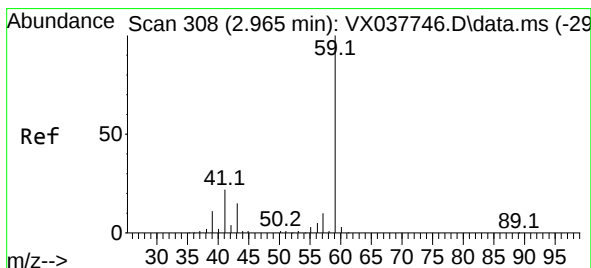
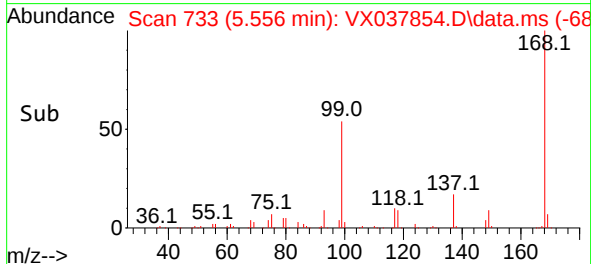
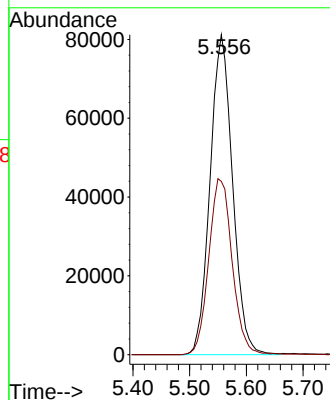
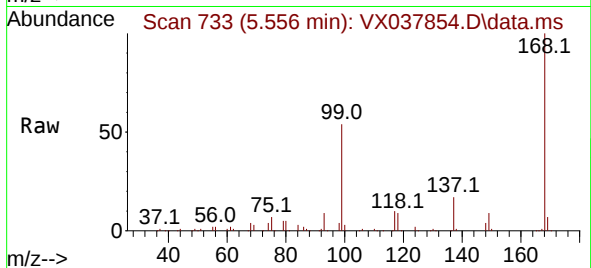
ClientSampleId :

Tgt Ion:168 Resp: 224032

Ion Ratio Lower Upper

168 100

99 54.2 56.6 85.0#



#11

Tert butyl alcohol

Concen: 1.800 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX037854.D

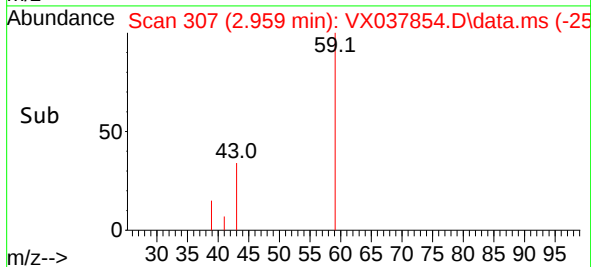
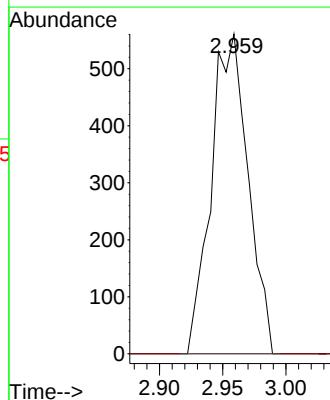
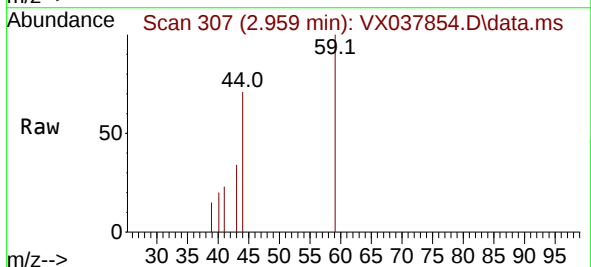
Acq: 21 Sep 2023 14:50

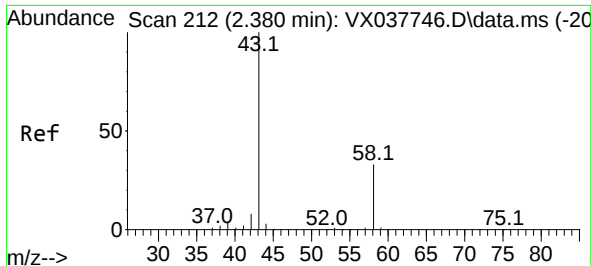
Tgt Ion: 59 Resp: 1137

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

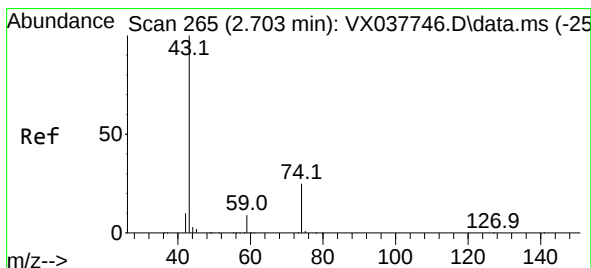
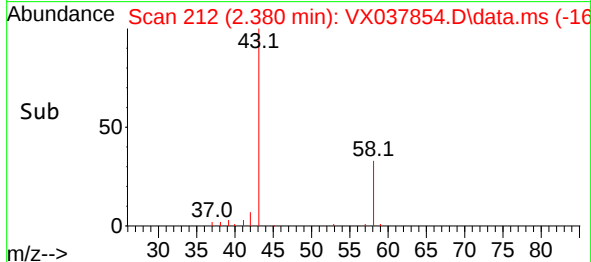
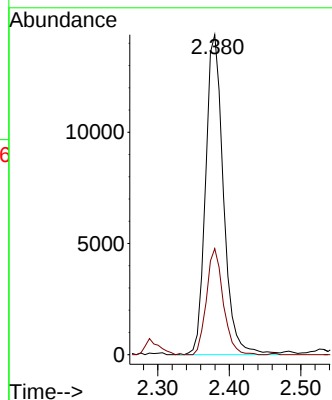
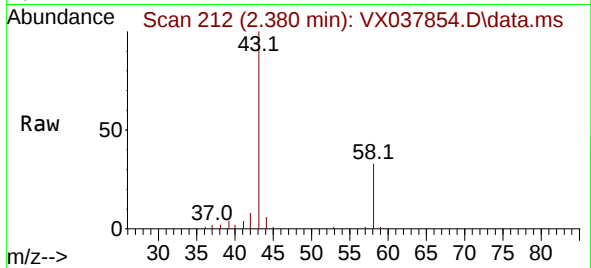




#16
Acetone
Concen: 17.625 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

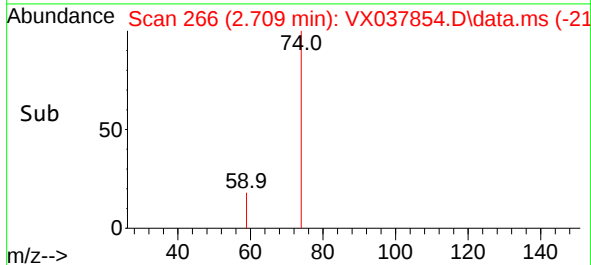
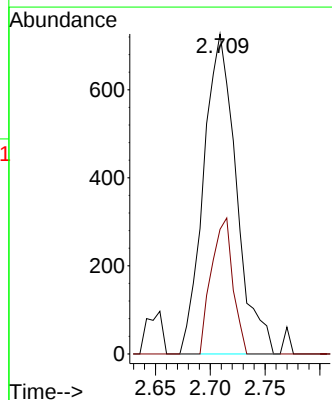
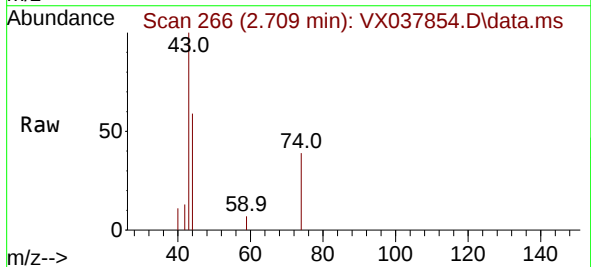
Instrument :
MSVOA_X
ClientSampleId :

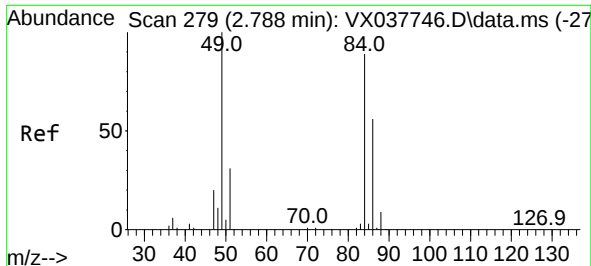
Tgt Ion: 43 Resp: 24957
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9#



#18
Methyl Acetate
Concen: 0.296 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
74 27.9 17.8 26.8#





#20

Methylene Chloride

Concen: 6.951 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

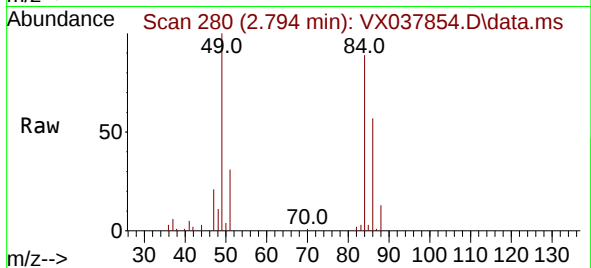
Lab File: VX037854.D

Acq: 21 Sep 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 18254

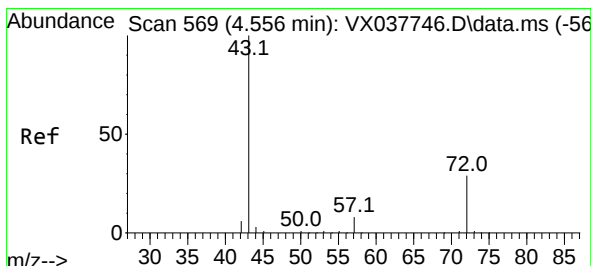
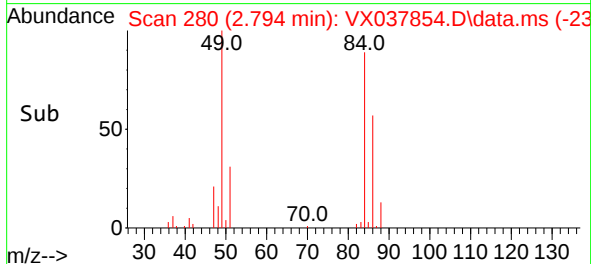
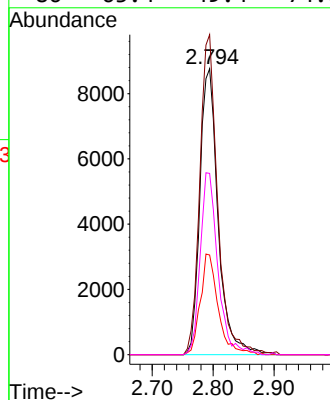
Ion Ratio Lower Upper

84 100

49 111.9 103.6 155.4

51 34.8 33.8 50.6

86 63.4 49.4 74.0



#25

2-Butanone

Concen: 7.603 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX037854.D

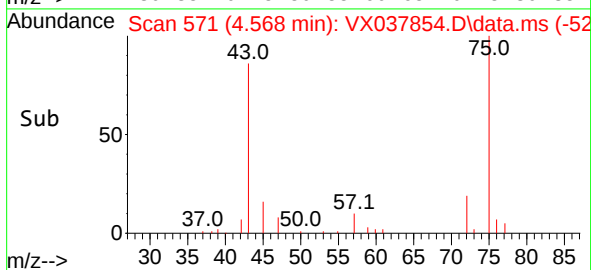
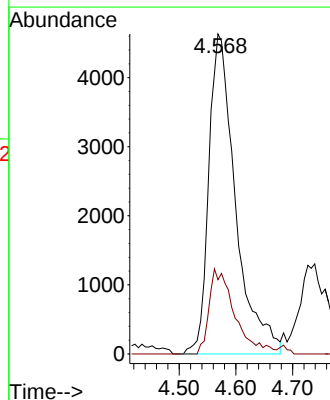
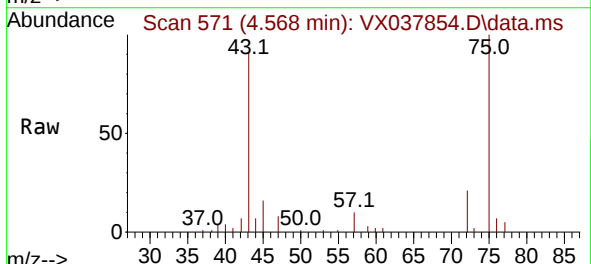
Acq: 21 Sep 2023 14:50

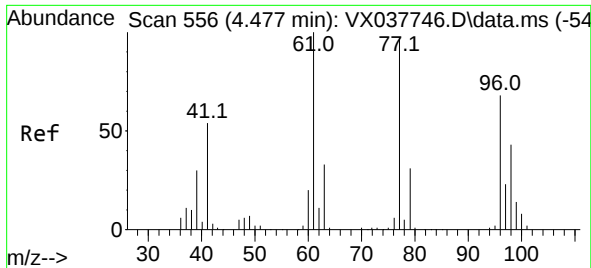
Tgt Ion: 43 Resp: 15193

Ion Ratio Lower Upper

43 100

72 23.2 19.4 29.2





#26

2,2-Dichloropropane

Concen: 0.202 ug/l

RT: 4.556 min Scan# 50

Delta R.T. 0.079 min

Lab File: VX037854.D

Acq: 21 Sep 2023 14:50

Instrument :

MSVOA_X

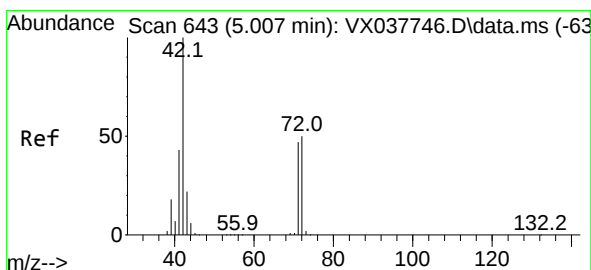
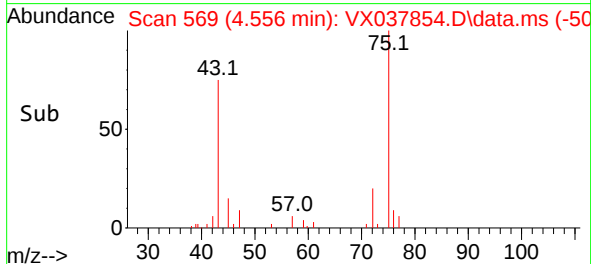
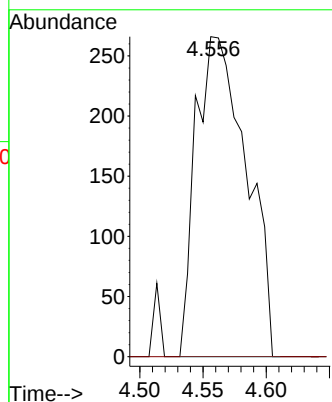
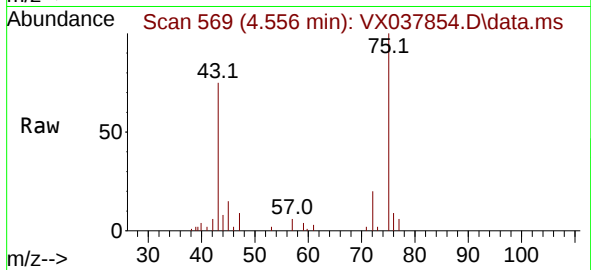
ClientSampleId :

Tgt Ion: 77 Resp: 740

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#29

Tetrahydrofuran

Concen: 0.368 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.030 min

Lab File: VX037854.D

Acq: 21 Sep 2023 14:50

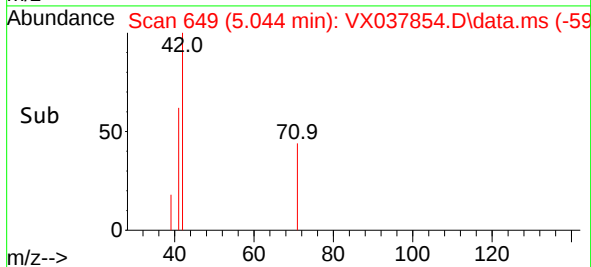
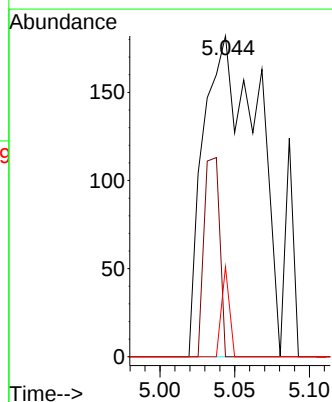
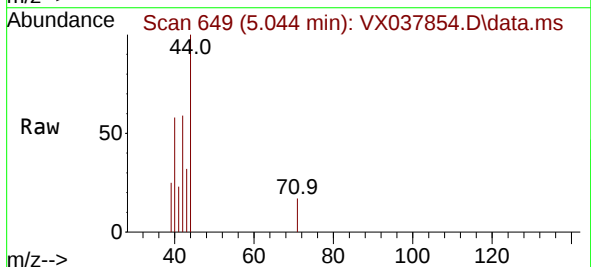
Tgt Ion: 42 Resp: 457

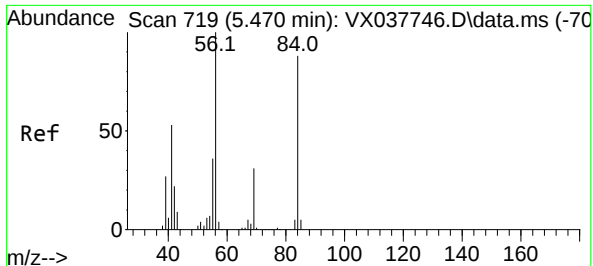
Ion Ratio Lower Upper

42 100

72 17.9 34.2 51.4#

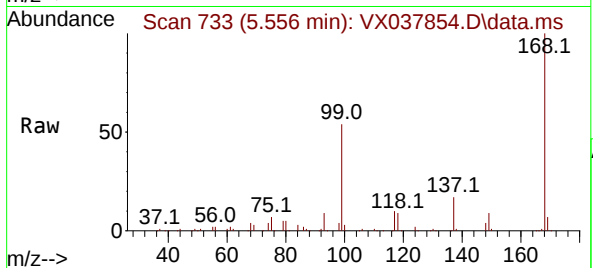
71 4.2 32.2 48.2#



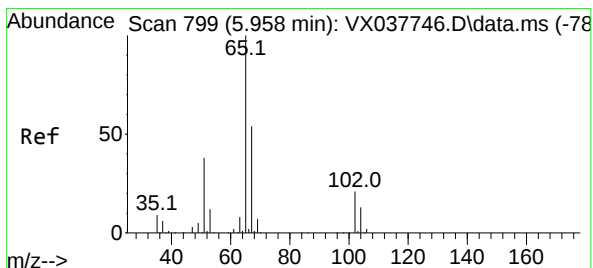
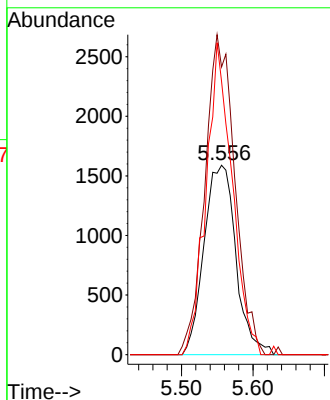
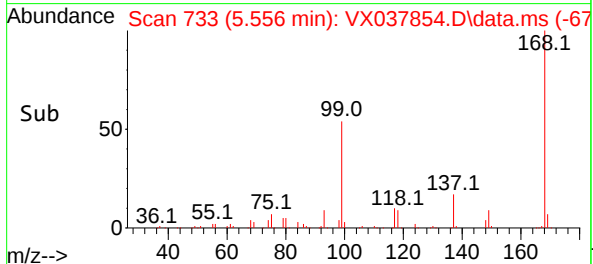


#31
Cyclohexane
Concen: 1.303 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :

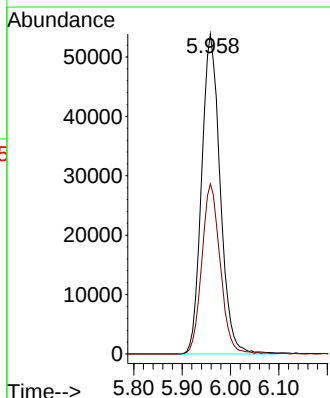
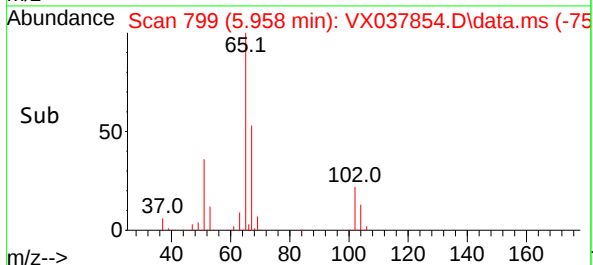
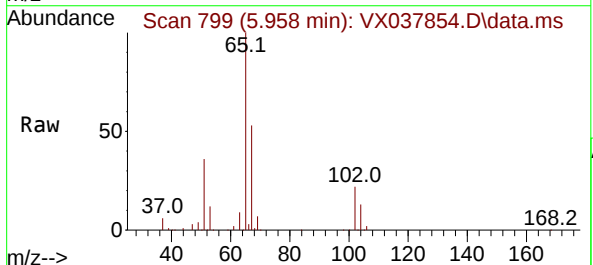


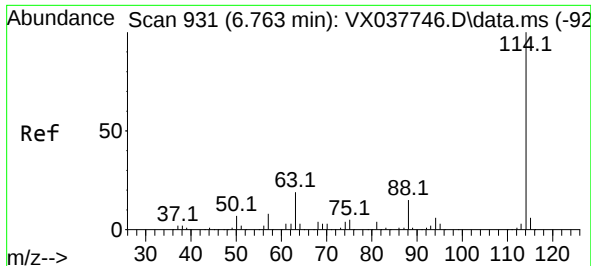
Tgt Ion: 56 Resp: 4923
Ion Ratio Lower Upper
56 100
69 151.8 23.4 35.2#
84 144.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.773 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Tgt Ion: 65 Resp: 143559
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

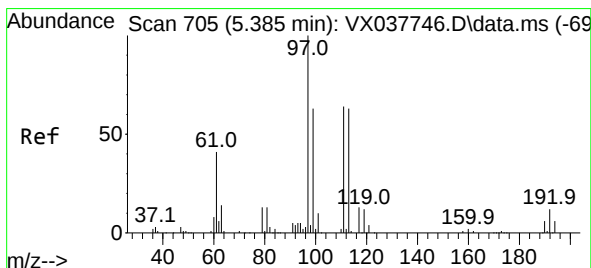
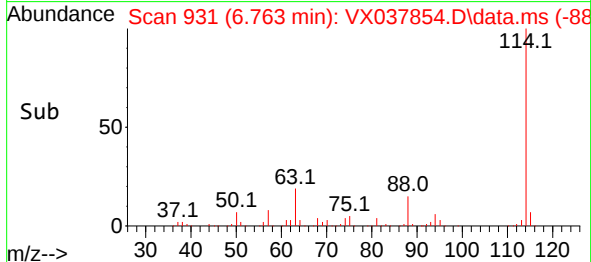
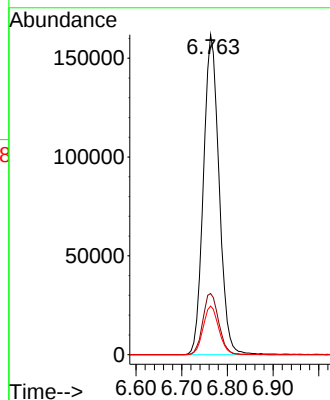
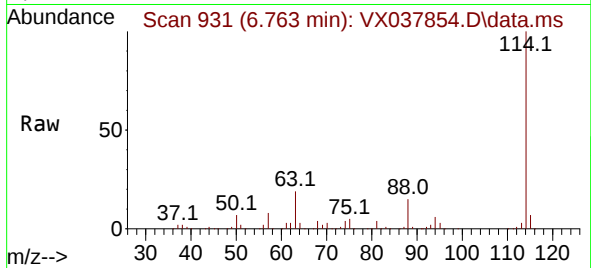




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

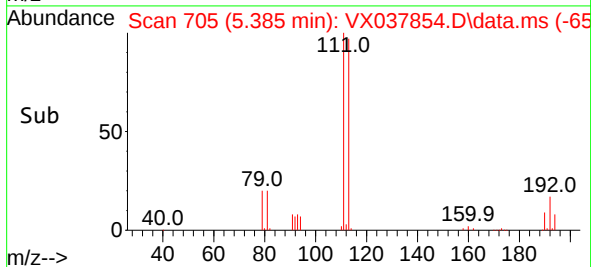
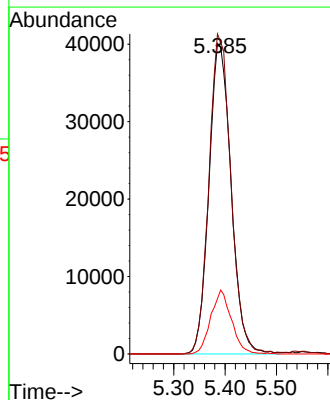
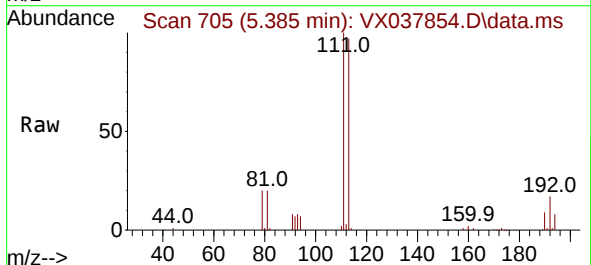
Instrument :
MSVOA_X
ClientSampleId :

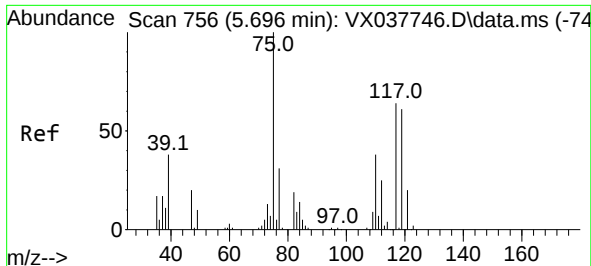
Tgt Ion:114 Resp: 384883
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.567 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Tgt Ion:113 Resp: 119922
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.2 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.828 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

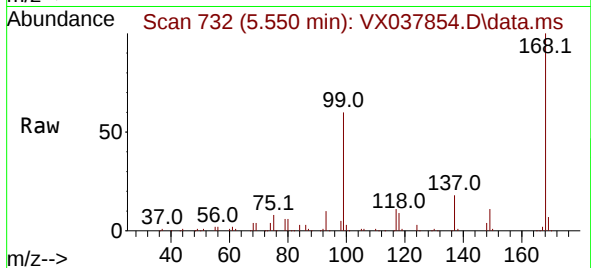
Lab File: VX037854.D

Acq: 21 Sep 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :



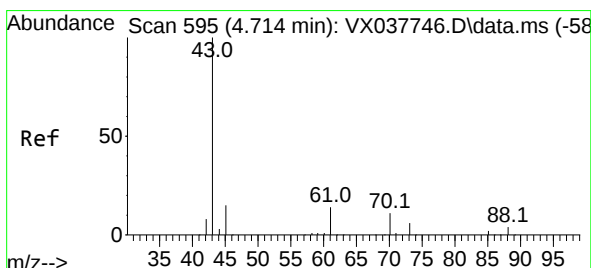
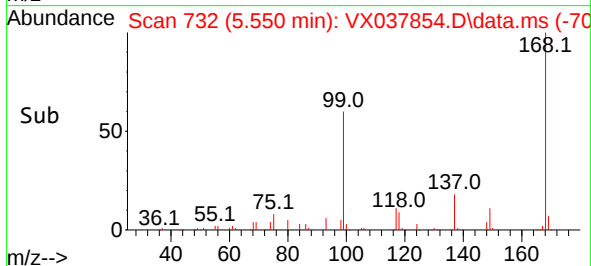
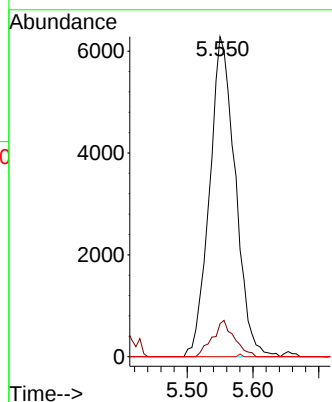
Tgt Ion: 75 Resp: 17127

Ion Ratio Lower Upper

75 100

110 9.6 17.0 50.9#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.926 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.006 min

Lab File: VX037854.D

Acq: 21 Sep 2023 14:50

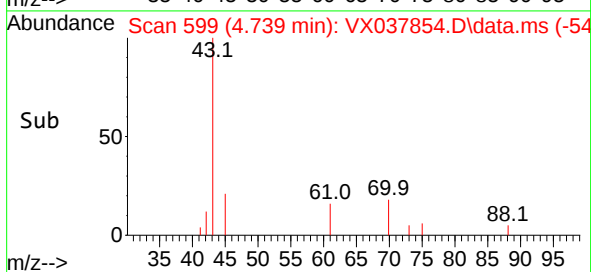
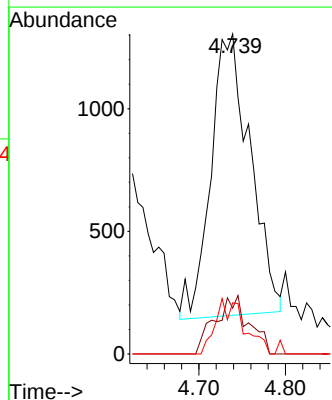
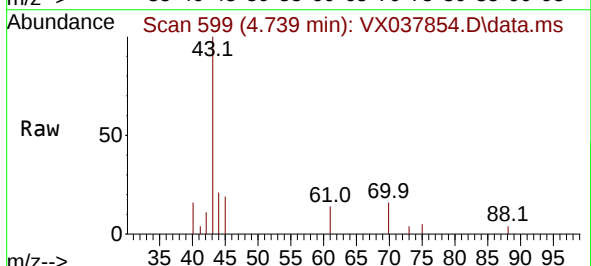
Tgt Ion: 43 Resp: 3612

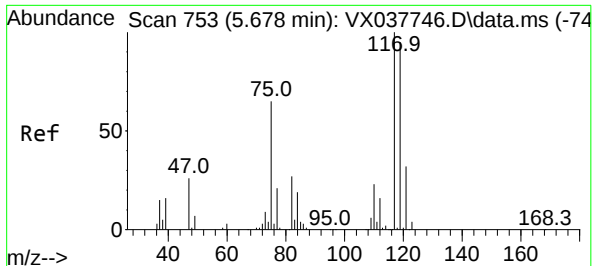
Ion Ratio Lower Upper

43 100

61 18.0 10.6 16.0#

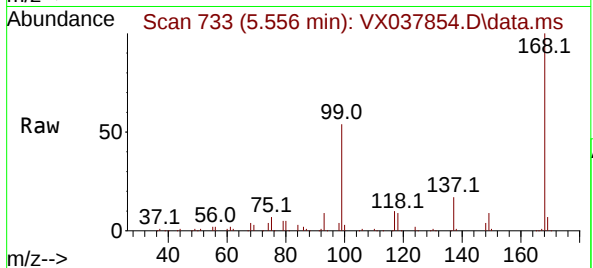
70 6.5 8.3 12.5#



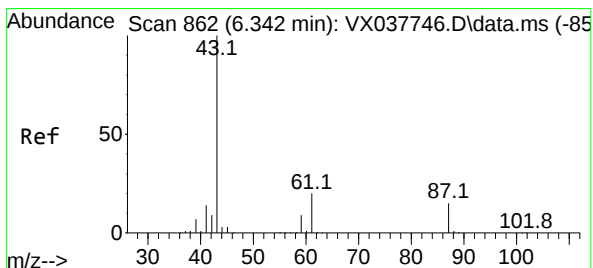
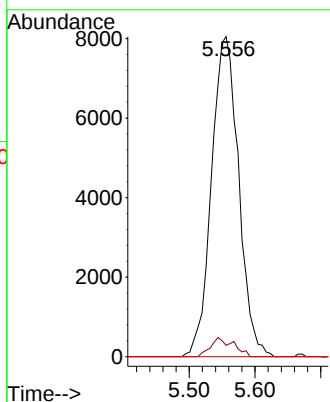
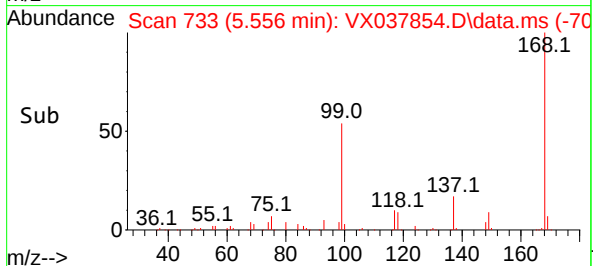


#38
Carbon Tetrachloride
Concen: 6.230 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :

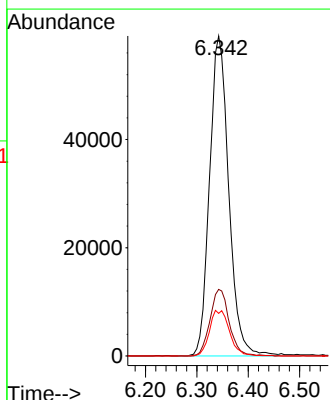
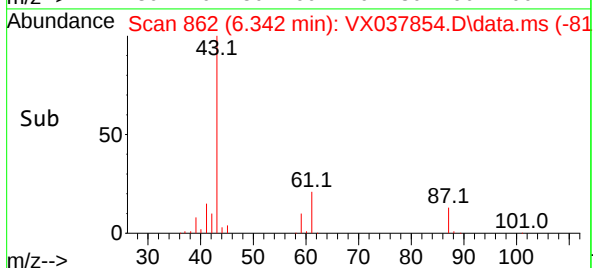
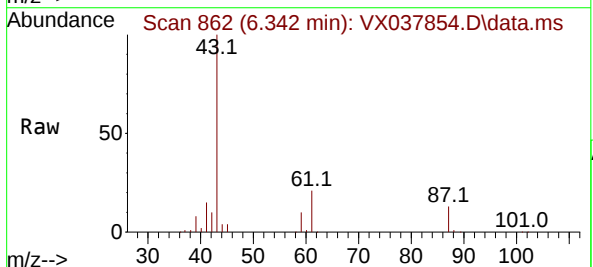


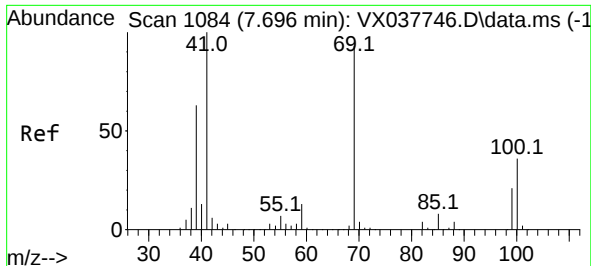
Tgt Ion:117 Resp: 23123
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 24.563 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Tgt Ion: 43 Resp: 153182
Ion Ratio Lower Upper
43 100
61 20.9 15.2 22.8
87 14.8 9.8 14.6#

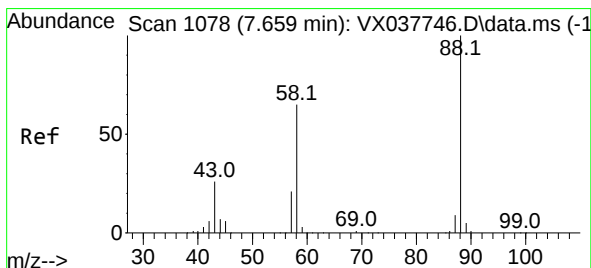
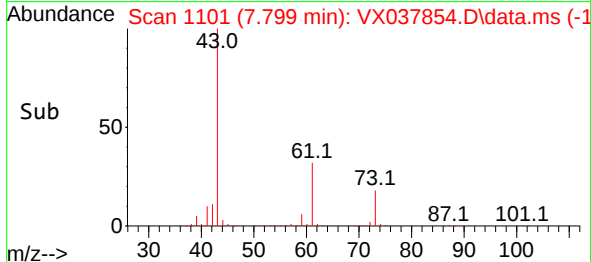
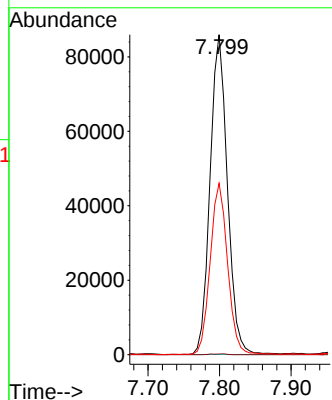
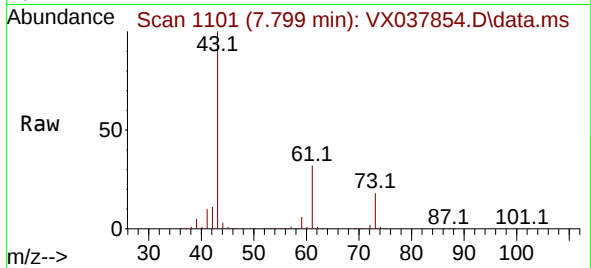




#48
Methyl methacrylate
Concen: 48.473 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.097 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

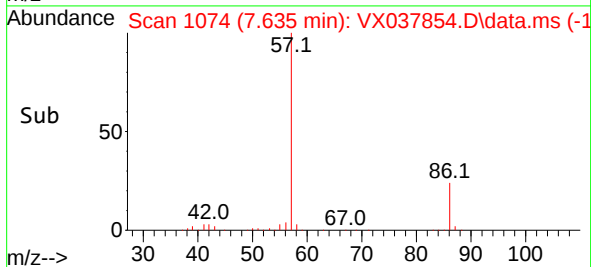
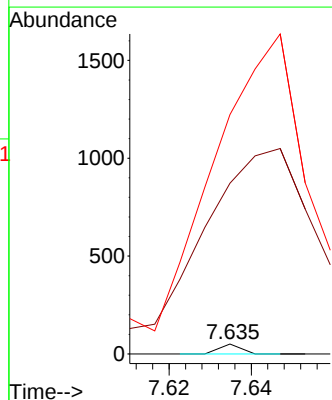
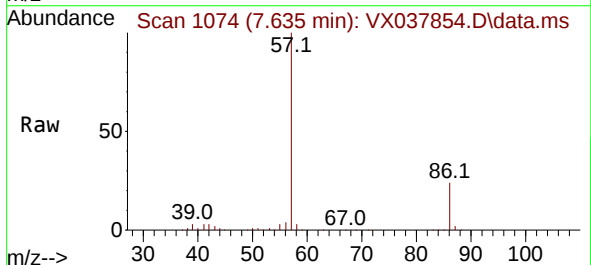
Instrument :
MSVOA_X
ClientSampleId :

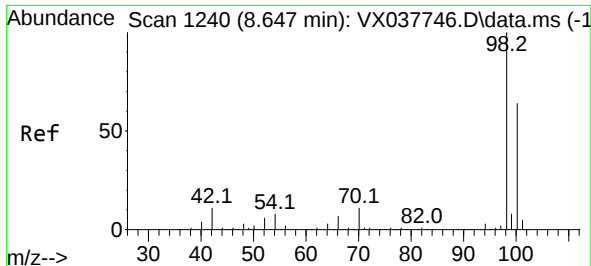
Tgt Ion: 41 Resp: 144506
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 54.1 47.7 71.5



#49
1,4-Dioxane
Concen: 0.243 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.037 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 15668.4 60.1 90.1#

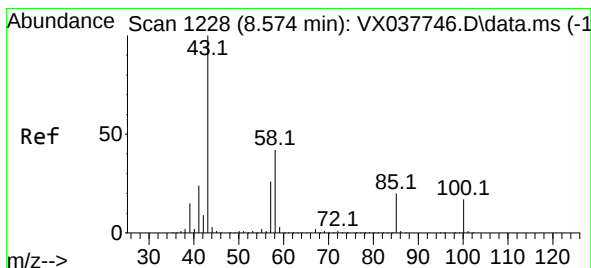
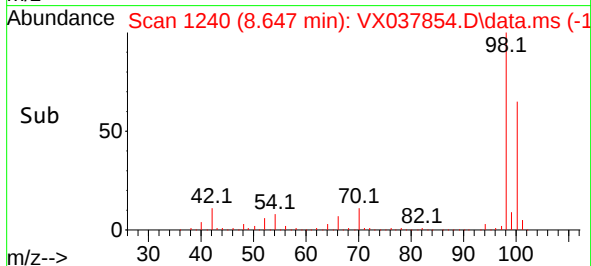
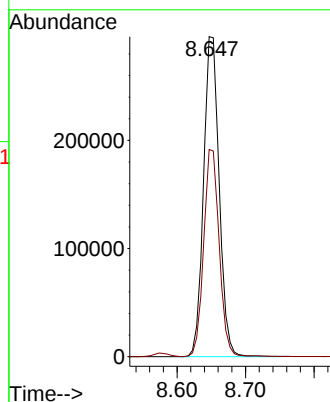
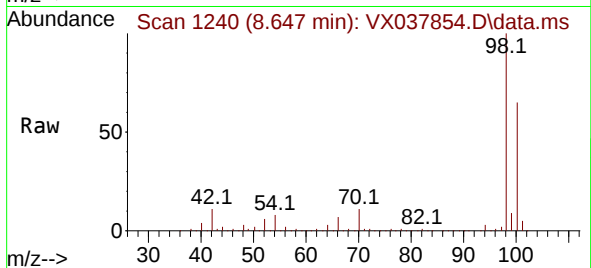




#50
Toluene-d8
Concen: 49.222 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

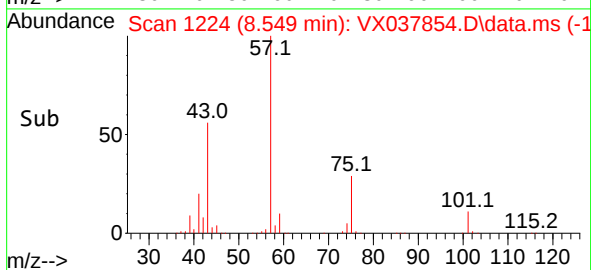
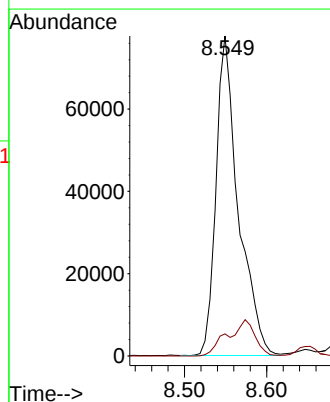
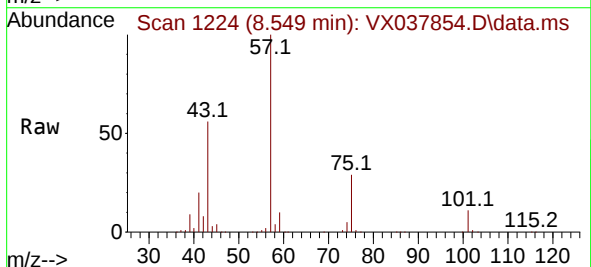
Instrument :
MSVOA_X
ClientSampleId :

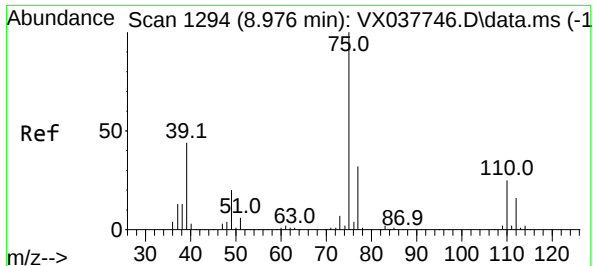
Tgt Ion: 98 Resp: 470995
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 37.001 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Tgt Ion: 43 Resp: 146397
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

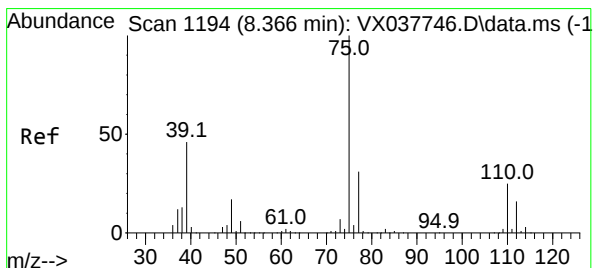
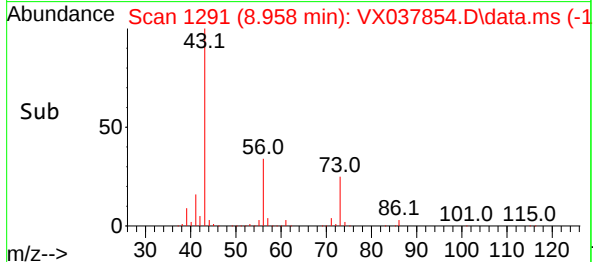
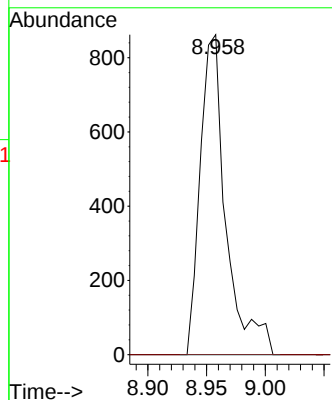
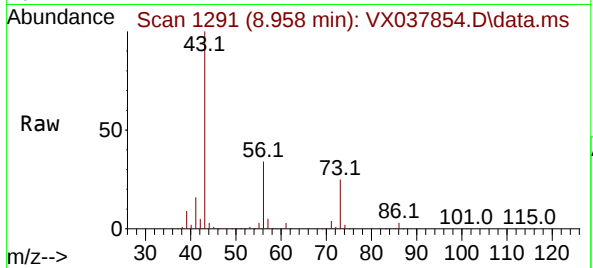




#53
 t-1,3-Dichloropropene
 Concen: 0.335 ug/l
 RT: 8.958 min Scan# 11
 Delta R.T. -0.031 min
 Lab File: VX037854.D
 Acq: 21 Sep 2023 14:50

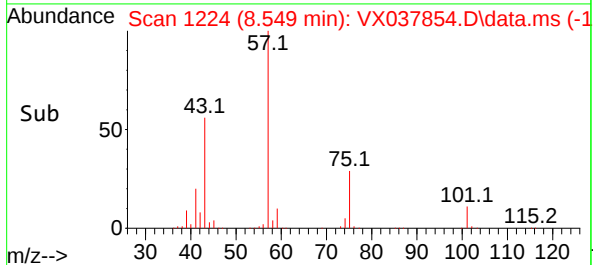
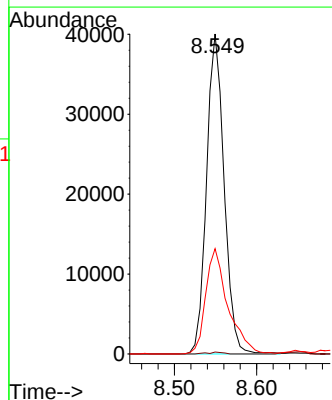
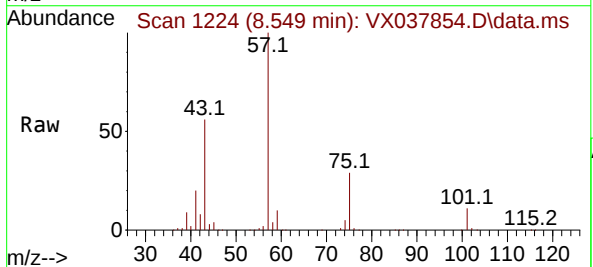
Instrument :
 MSVOA_X
 ClientSampleId :

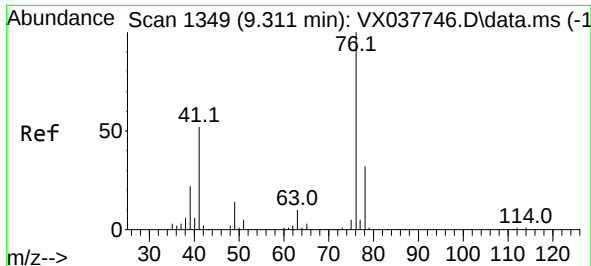
Tgt Ion: 75 Resp: 1314
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 13.695 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.177 min
 Lab File: VX037854.D
 Acq: 21 Sep 2023 14:50

Tgt Ion: 75 Resp: 59483
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.3 37.9#
 39 32.9 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 1.788 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX037854.D

Acq: 21 Sep 2023 14:50

Instrument :

MSVOA_X

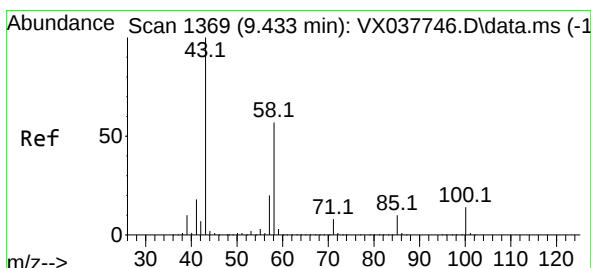
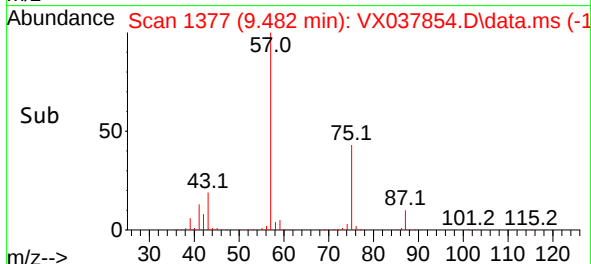
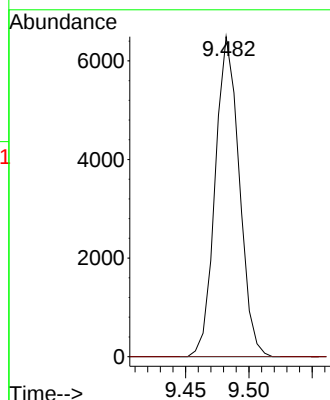
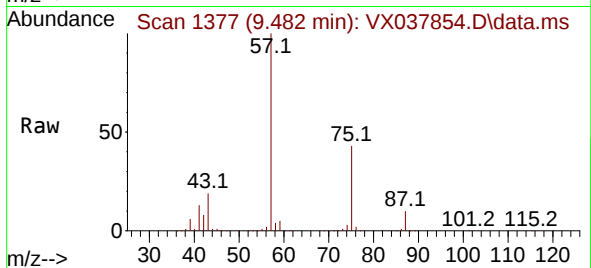
ClientSampleId :

Tgt Ion: 76 Resp: 8575

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 32.673 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX037854.D

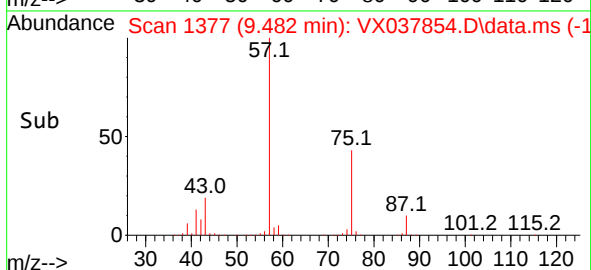
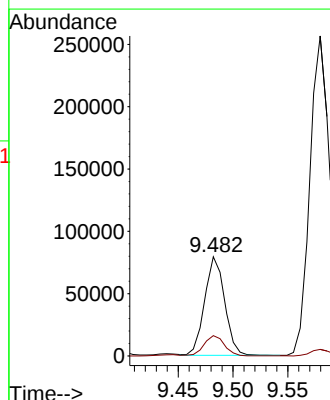
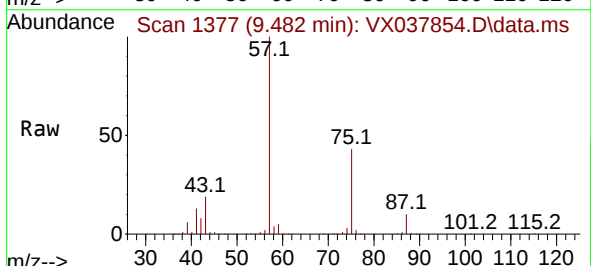
Acq: 21 Sep 2023 14:50

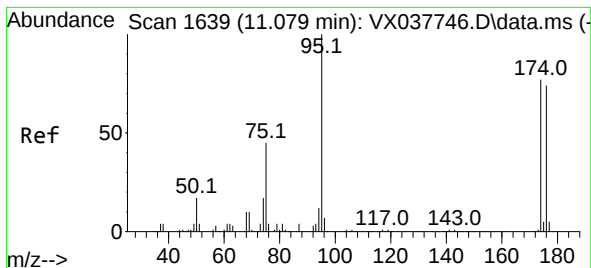
Tgt Ion: 43 Resp: 100653

Ion Ratio Lower Upper

43 100

58 21.2 26.2 78.5#

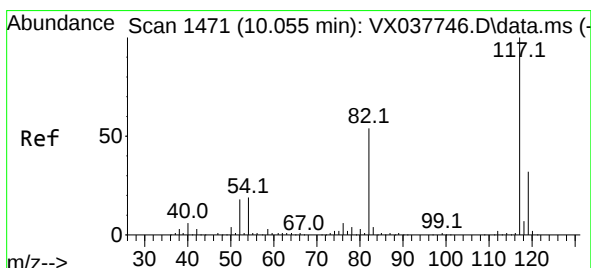
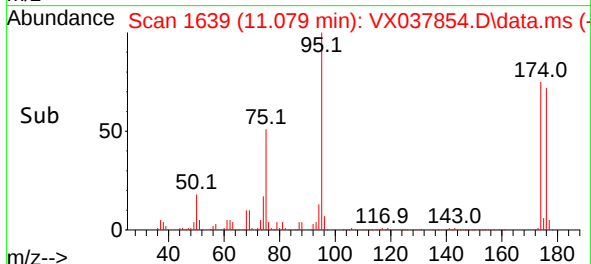
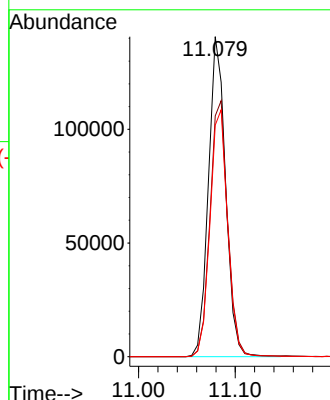
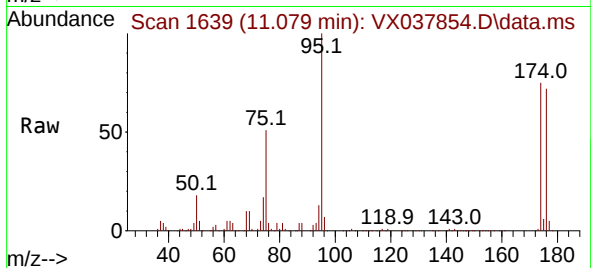




#62
4-Bromofluorobenzene
Concen: 49.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

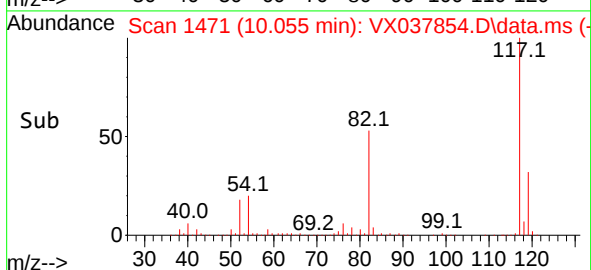
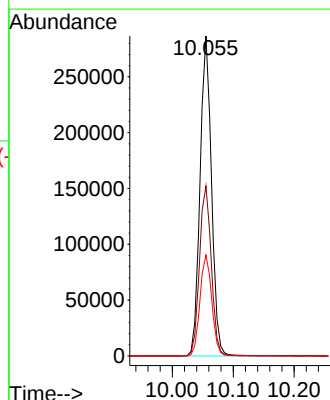
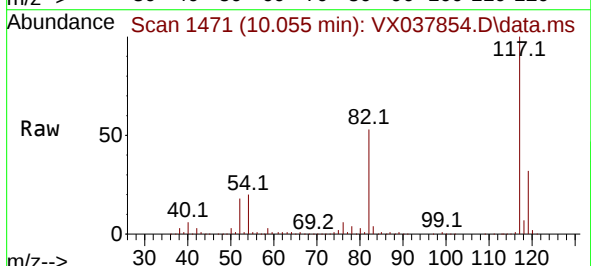
Instrument :
MSVOA_X
ClientSampleId :

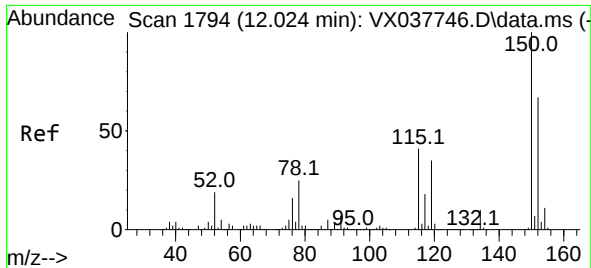
Tgt Ion: 95 Resp: 173847
Ion Ratio Lower Upper
95 100
174 82.9 0.0 135.6
176 79.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Tgt Ion: 117 Resp: 373266
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 31.5 25.5 38.3

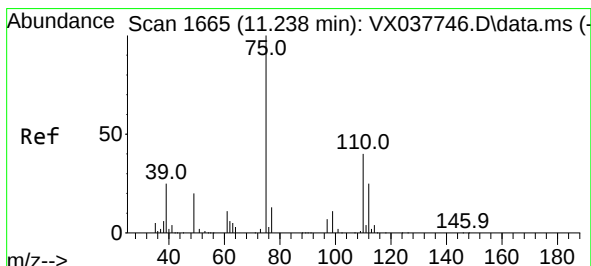
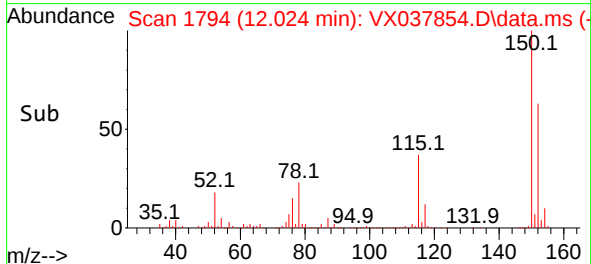
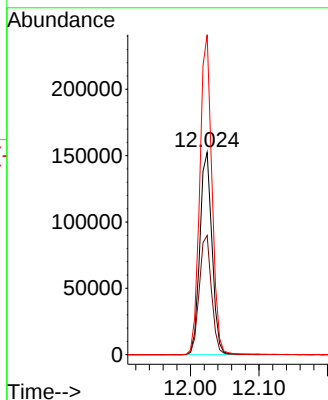
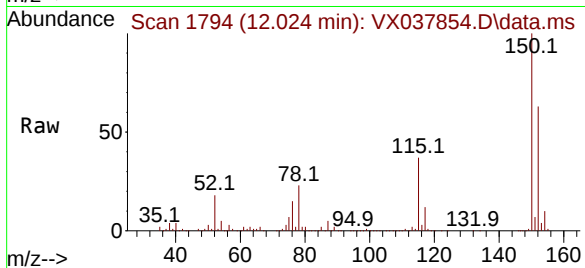




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037854.D
 Acq: 21 Sep 2023 14:50

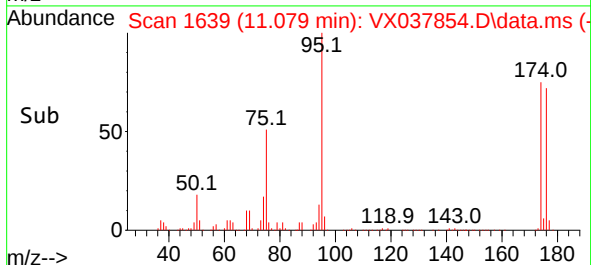
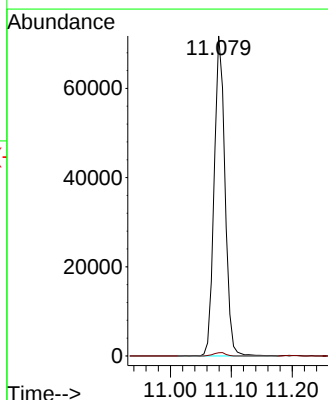
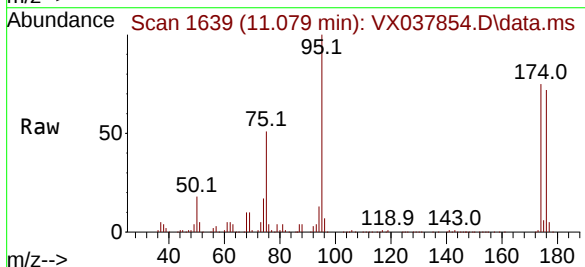
Instrument :
 MSVOA_X
 ClientSampleId :

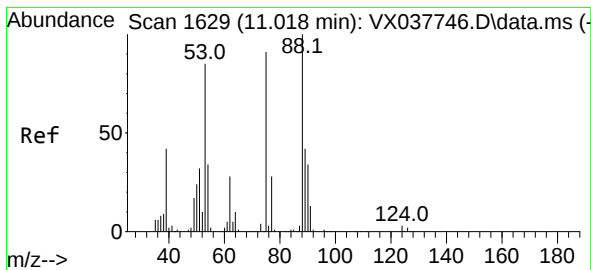
Tgt Ion:152 Resp: 189330
 Ion Ratio Lower Upper
 152 100
 115 59.4 43.3 129.9
 150 156.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.202 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037854.D
 Acq: 21 Sep 2023 14:50

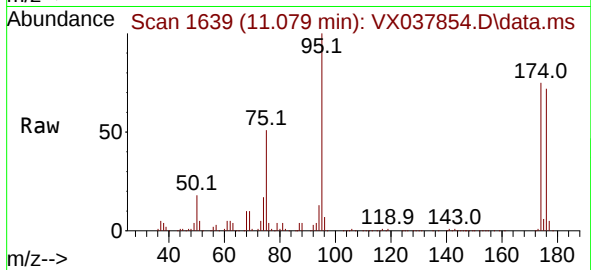
Tgt Ion: 75 Resp: 88463
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.713 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037854.D
 Acq: 21 Sep 2023 14:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 88463
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

