

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037894.D
 Acq On : 25 Sep 2023 14:06
 Operator : JC/MD
 Sample : PB155756TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB155756TB

Quant Time: Sep 26 06:58:00 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

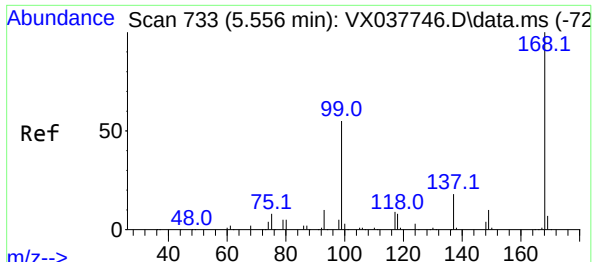
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	224951	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	387130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142949	48.367	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.740%		
35) Dibromofluoromethane	5.391	113	121355	46.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	8.653	98	482797	50.163	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.320%		
62) 4-Bromofluorobenzene	11.079	95	180981	51.747	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.500%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.940	59	2299	3.624	ug/l	# 78
13) Acrolein	2.239	56	161	0.257	ug/l	# 1
16) Acetone	2.380	43	40052	28.170	ug/l	92
18) Methyl Acetate	2.709	43	1493	0.291	ug/l	# 85
20) Methylene Chloride	2.794	84	12498	4.732	ug/l	# 82
25) 2-Butanone	4.580	43	6926	3.452	ug/l	99
29) Tetrahydrofuran	5.050	42	883	0.708	ug/l	# 64
31) Cyclohexane	5.556	56	4833	1.274	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	17562	4.922	ug/l	# 51
37) Ethyl Acetate	4.739	43	3416	0.871	ug/l	98
38) Carbon Tetrachloride	5.556	117	22949	6.147	ug/l	# 16
43) Isopropyl Acetate	6.342	43	145487	23.194	ug/l	96
48) Methyl methacrylate	7.799	41	137207	45.758	ug/l	# 48
49) 1,4-Dioxane	7.805	88	236	3.002	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	120363	30.244	ug/l	# 54
53) t-1,3-Dichloropropene	8.951	75	1097	0.278	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	58865	13.474	ug/l	# 55
57) 1,3-Dichloropropane	9.482	76	7488	1.552	ug/l	# 43
59) 2-Hexanone	9.482	43	101329	32.701	ug/l	# 56
74) N-amyl acetate	10.640	43	33957	5.899	ug/l	# 54
76) 1,2,3-Trichloropropane	11.079	75	90807	20.265	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	90807	64.917	ug/l	# 5

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

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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

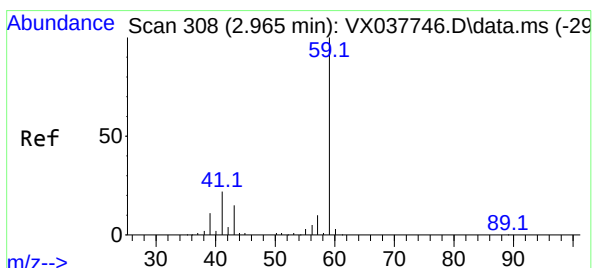
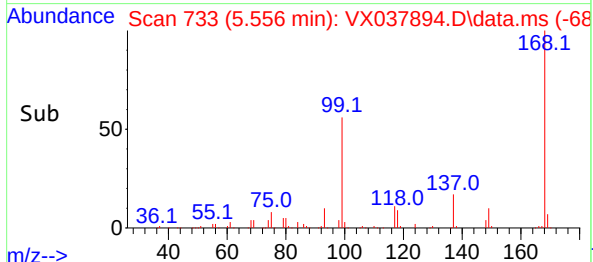
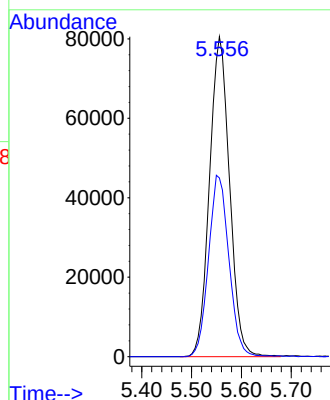
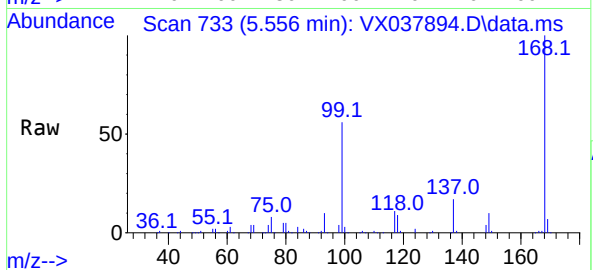




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

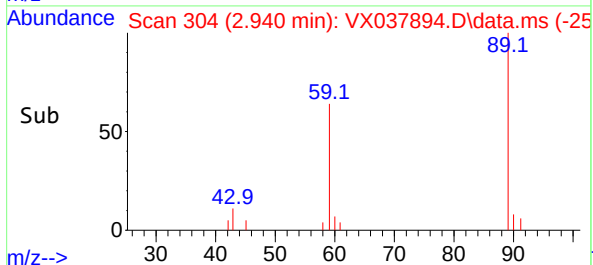
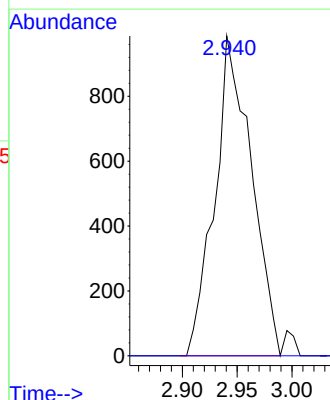
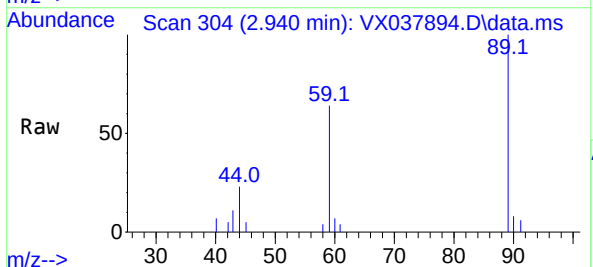
Instrument :
MSVOA_X
ClientSampleId :
PB155756TB

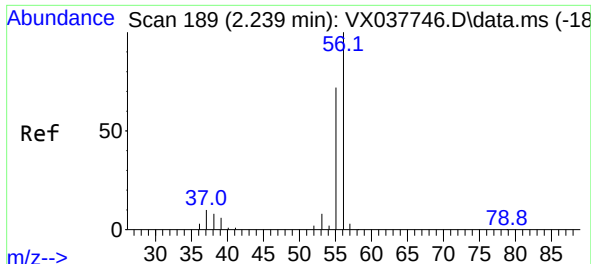
Tgt Ion:168 Resp: 224951
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#11
Tert butyl alcohol
Concen: 3.624 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 59 Resp: 2299
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.257 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037894.D

Acq: 25 Sep 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

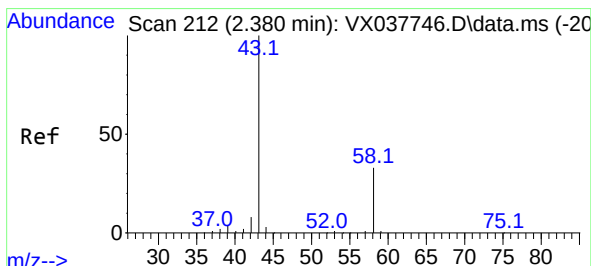
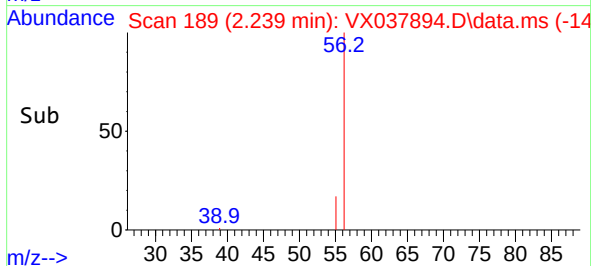
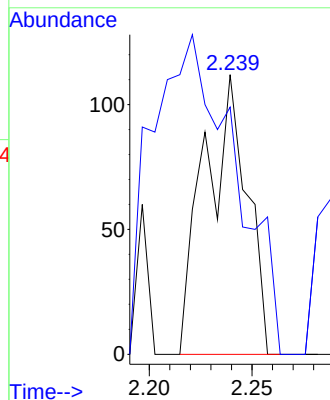
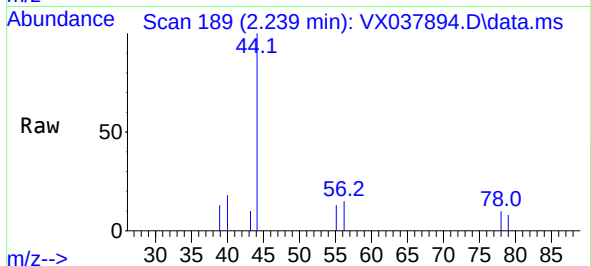
PB155756TB

Tgt Ion: 56 Resp: 161

Ion Ratio Lower Upper

56 100

55 221.7 57.1 85.7#



#16

Acetone

Concen: 28.170 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037894.D

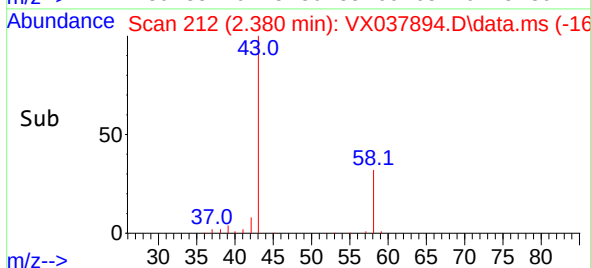
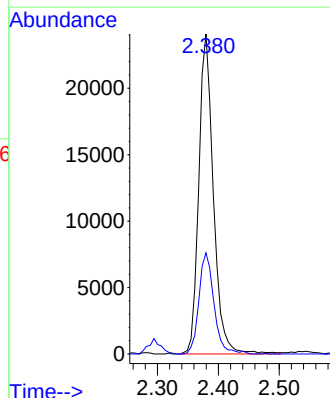
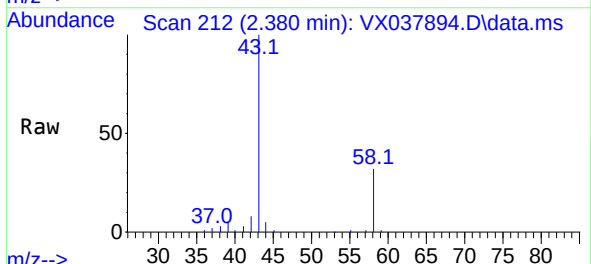
Acq: 25 Sep 2023 14:06

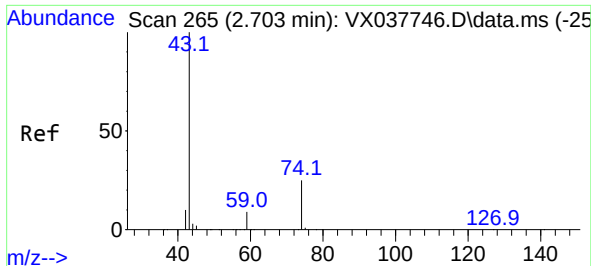
Tgt Ion: 43 Resp: 40052

Ion Ratio Lower Upper

43 100

58 31.6 21.9 32.9

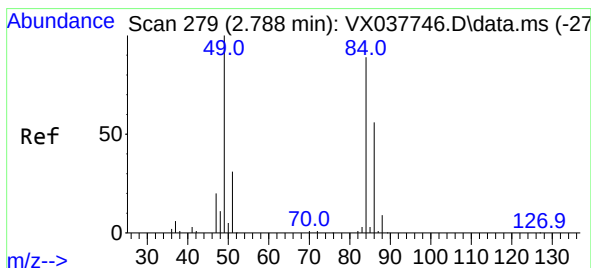
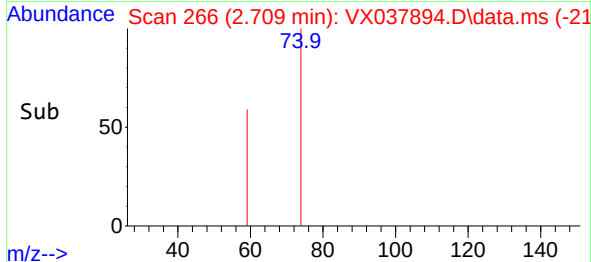
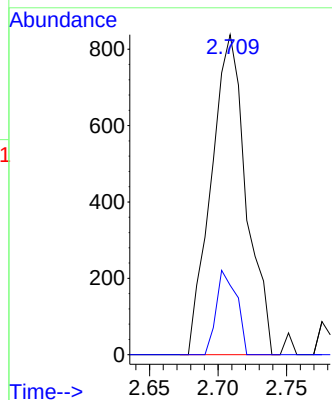
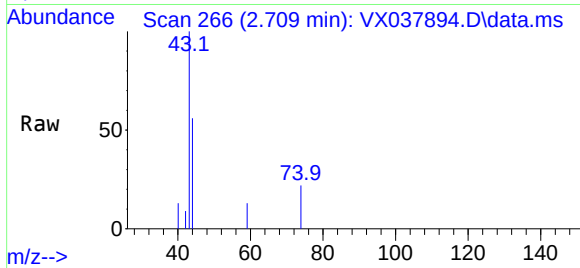




#18
Methyl Acetate
Concen: 0.291 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

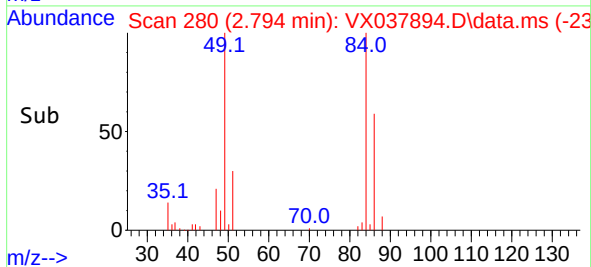
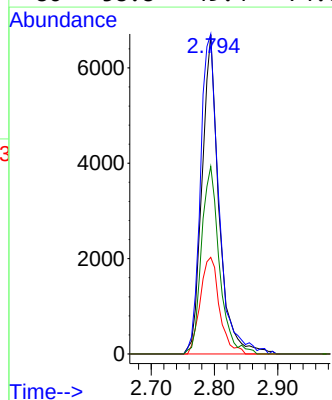
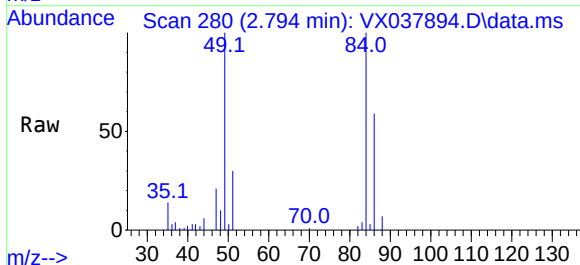
Instrument :
MSVOA_X
ClientSampleId :
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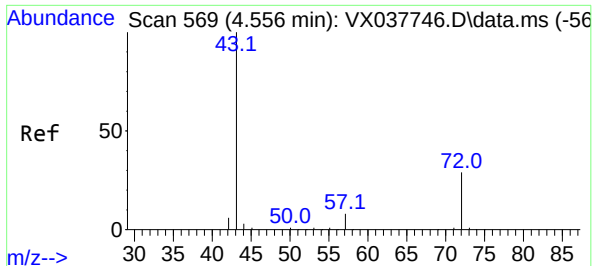
Tgt Ion: 43 Resp: 1493
Ion Ratio Lower Upper
43 100
74 15.3 17.8 26.8#



#20
Methylene Chloride
Concen: 4.732 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 84 Resp: 12498
Ion Ratio Lower Upper
84 100
49 100.3 103.6 155.4#
51 30.3 33.8 50.6#
86 58.8 49.4 74.0

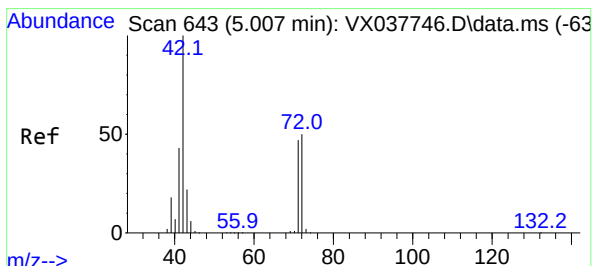
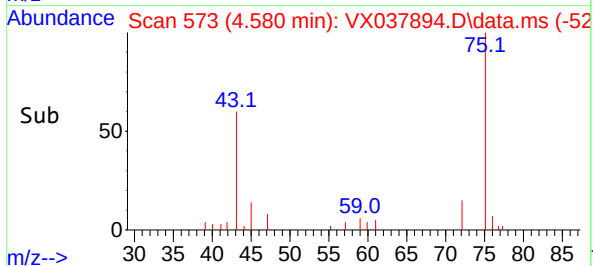
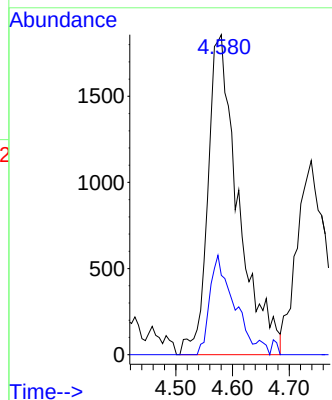
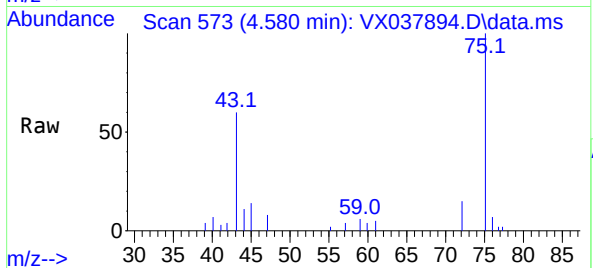




#25
2-Butanone
Concen: 3.452 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

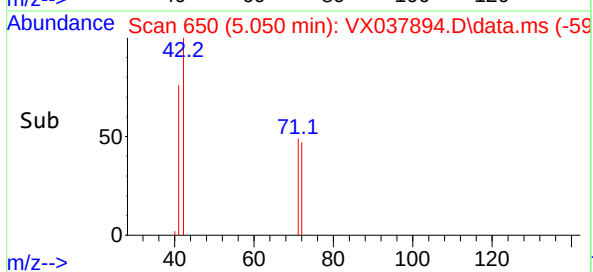
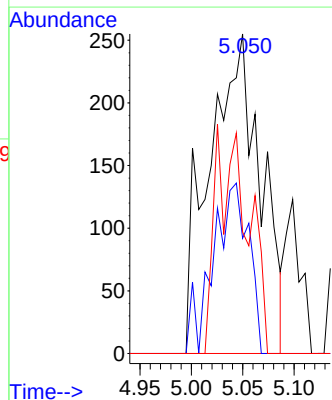
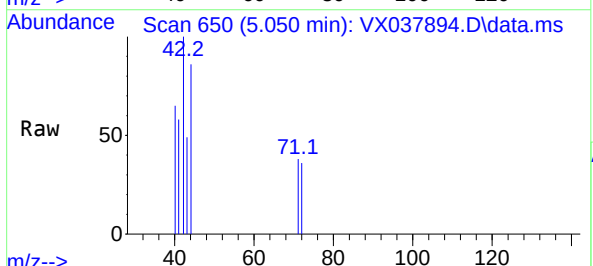
Instrument :
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ClientSampleId :
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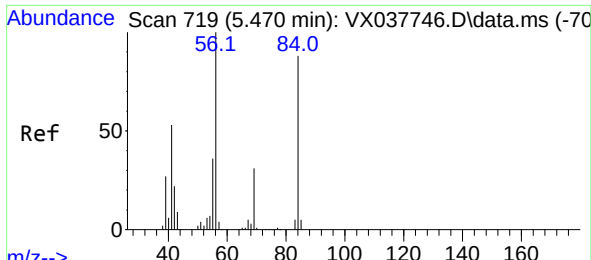
Tgt Ion: 43 Resp: 6926
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.708 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.036 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

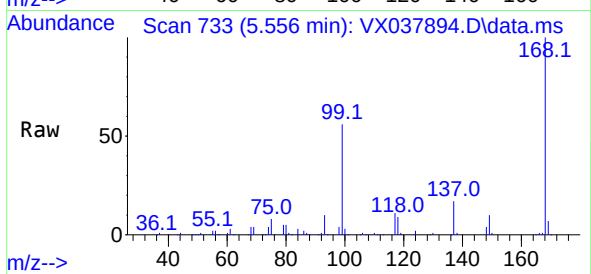
Tgt Ion: 42 Resp: 883
Ion Ratio Lower Upper
42 100
72 37.3 34.2 51.4
71 0.0 32.2 48.2#



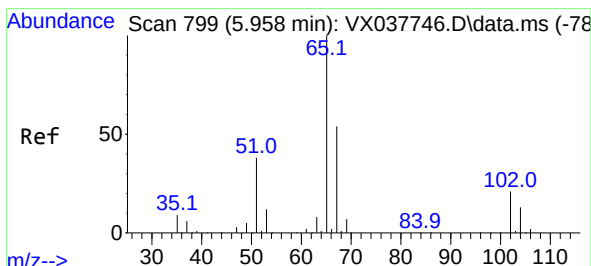
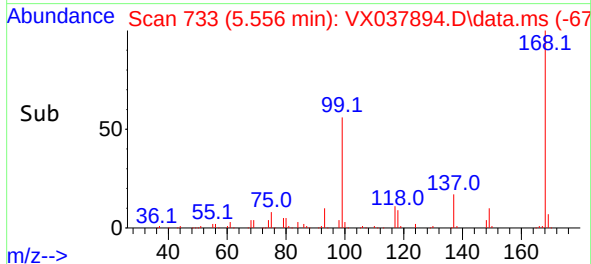
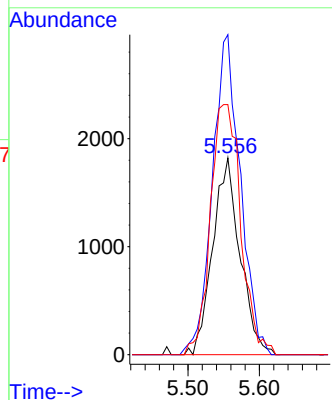


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Instrument :
MSVOA_X
ClientSampleId :
PB155756TB

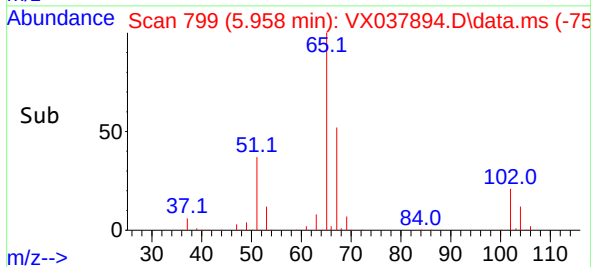
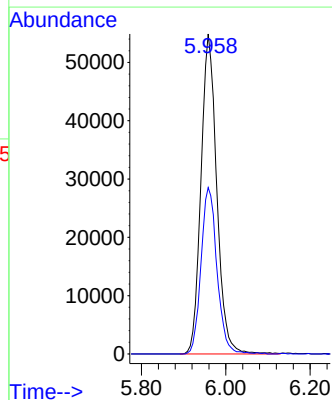
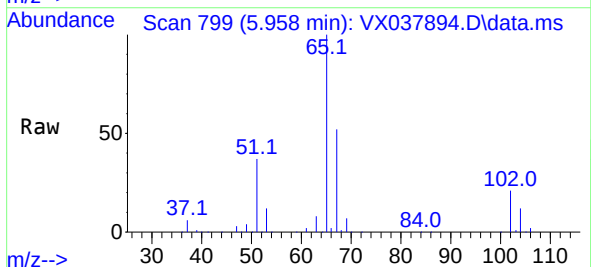


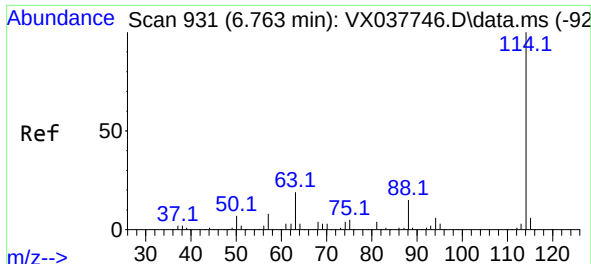
Tgt Ion: 56 Resp: 4833
Ion Ratio Lower Upper
56 100
69 162.7 23.4 35.2#
84 127.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.367 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 65 Resp: 142949
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

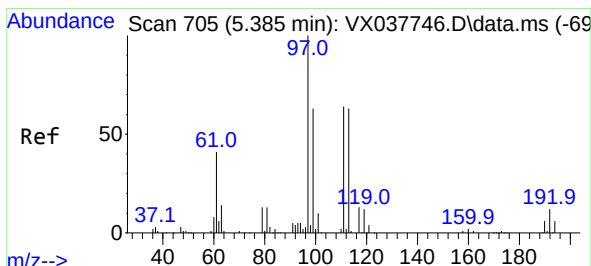
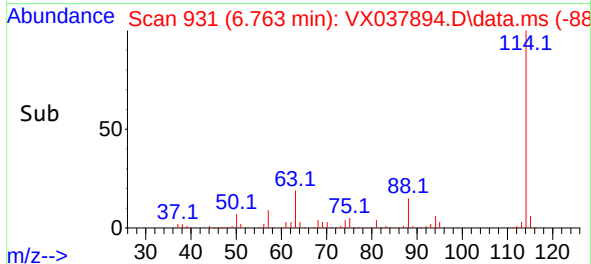
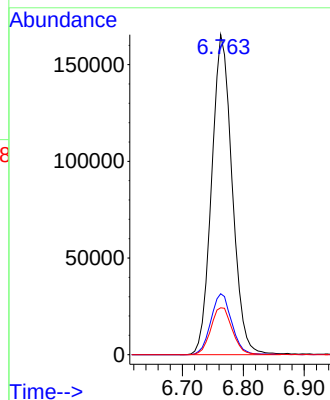
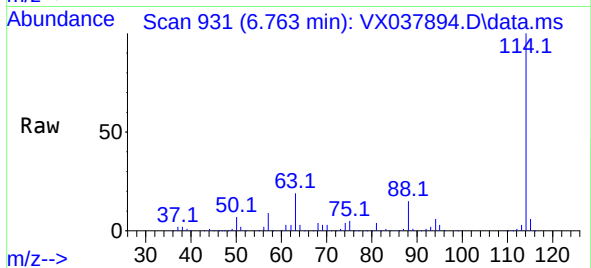




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

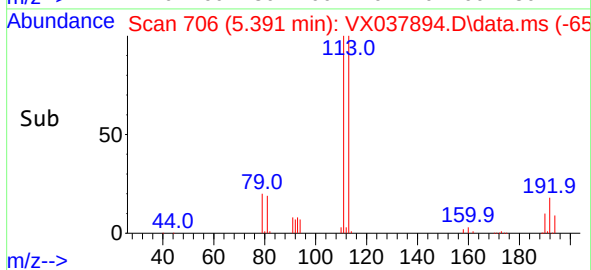
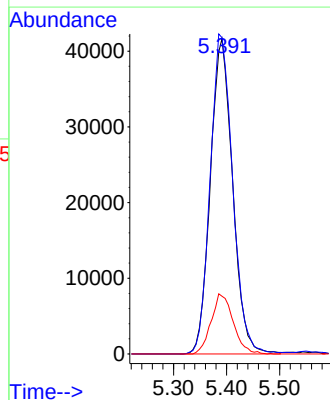
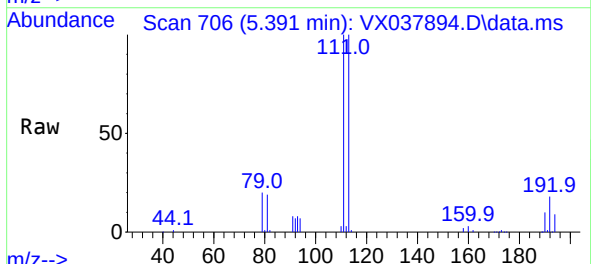
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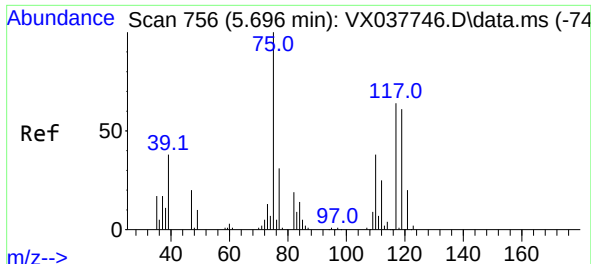
Tgt Ion:114 Resp: 387130
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.850 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion:113 Resp: 121355
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.9 13.3 19.9

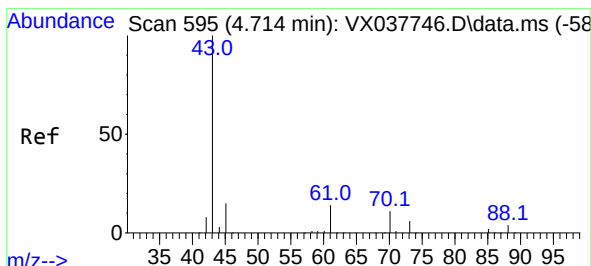
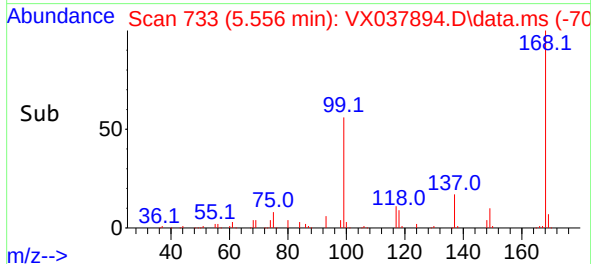
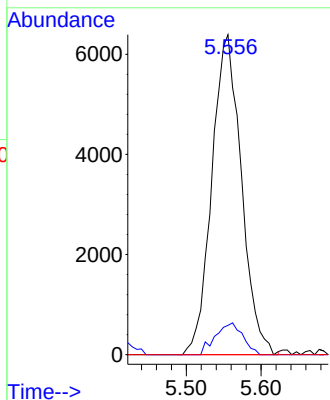
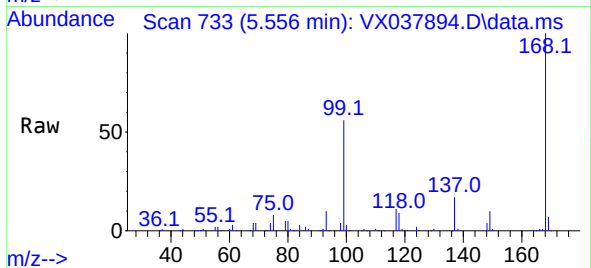




#36
1,1-Dichloropropene
Concen: 4.922 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

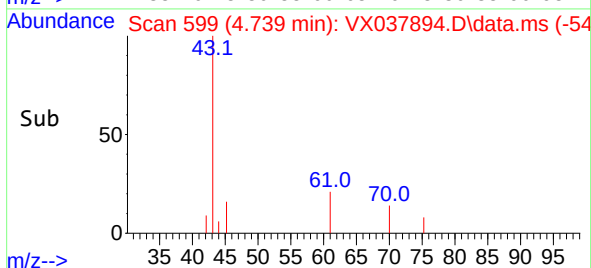
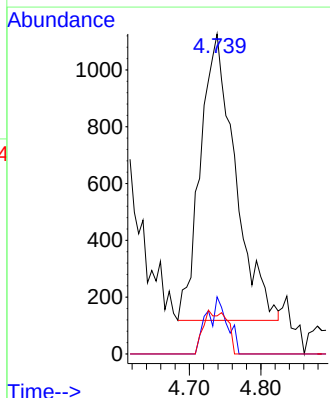
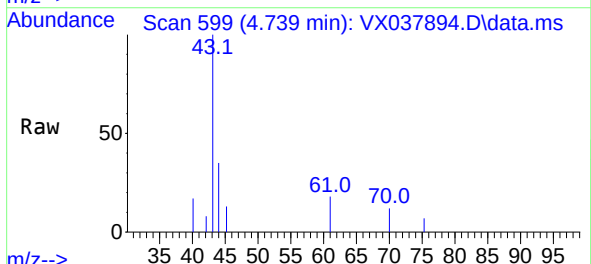
Instrument :
MSVOA_X
ClientSampleId :
PB155756TB

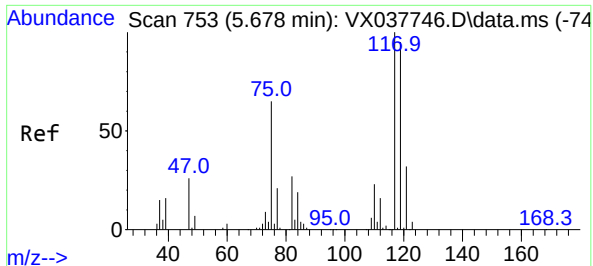
Tgt Ion: 75 Resp: 17562
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.871 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.006 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

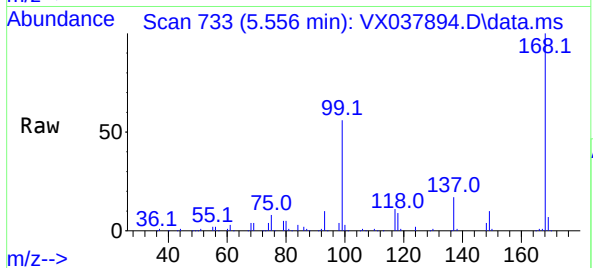
Tgt Ion: 43 Resp: 3416
Ion Ratio Lower Upper
43 100
61 11.7 10.6 16.0
70 10.3 8.3 12.5



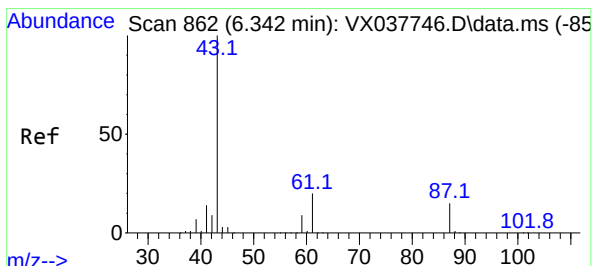
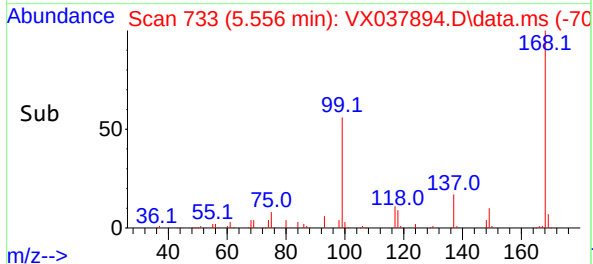
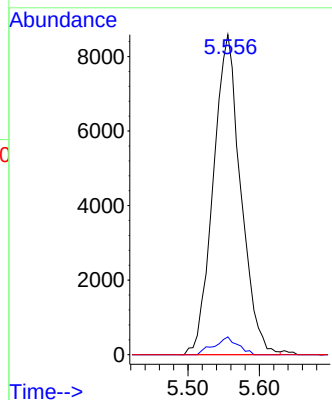


#38
Carbon Tetrachloride
Concen: 6.147 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Instrument :
MSVOA_X
ClientSampleId :
PB155756TB

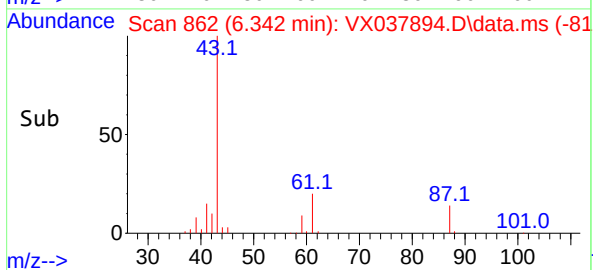
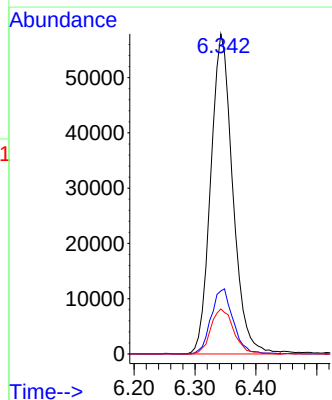
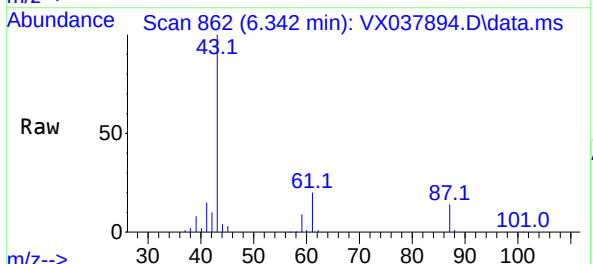


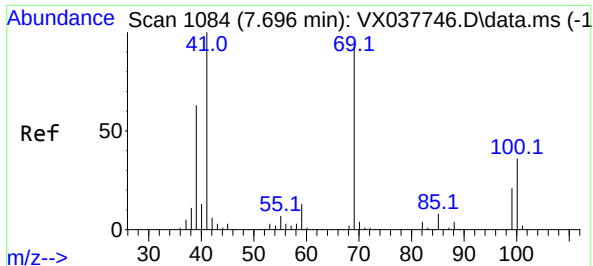
Tgt Ion:117 Resp: 22949
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 23.194 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 43 Resp: 145487
Ion Ratio Lower Upper
43 100
61 20.4 15.2 22.8
87 14.6 9.8 14.6

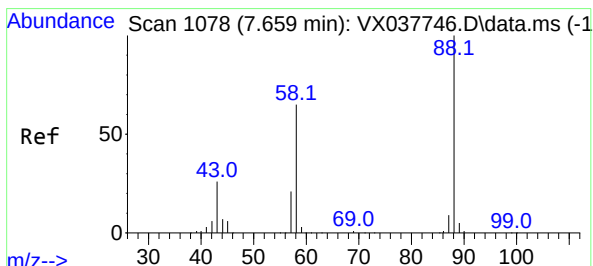
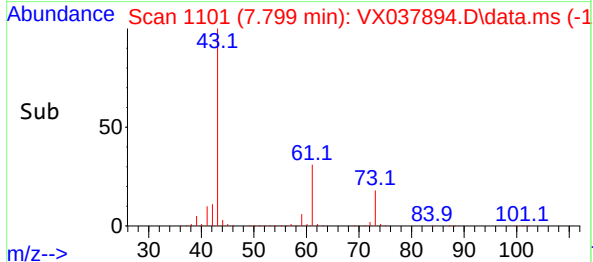
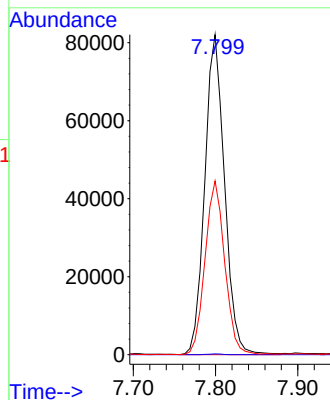
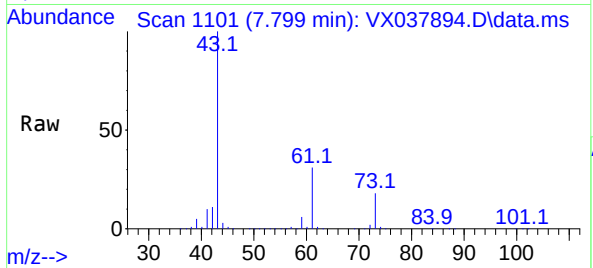




#48
Methyl methacrylate
Concen: 45.758 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.097 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

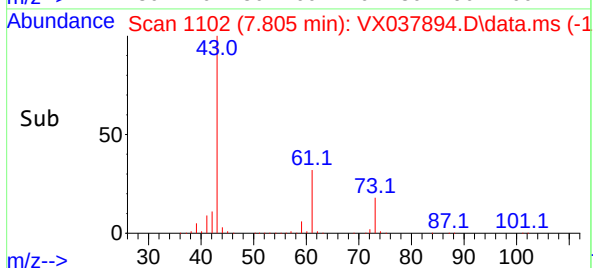
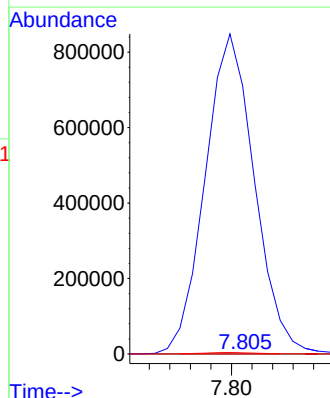
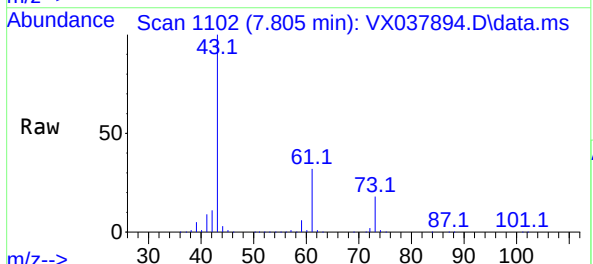
Instrument :
MSVOA_X
ClientSampleId :
PB155756TB

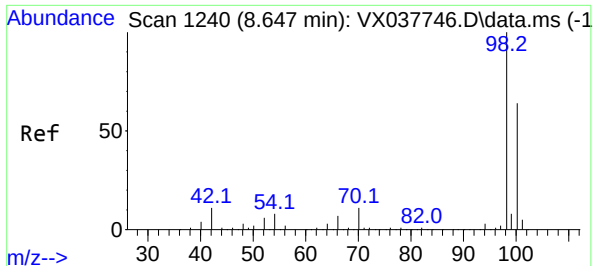
Tgt Ion: 41 Resp: 137207
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 53.9 47.7 71.5



#49
1,4-Dioxane
Concen: 3.002 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.134 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 88 Resp: 236
Ion Ratio Lower Upper
88 100
43 603553.8 0.0 0.0#
58 2776.7 60.1 90.1#

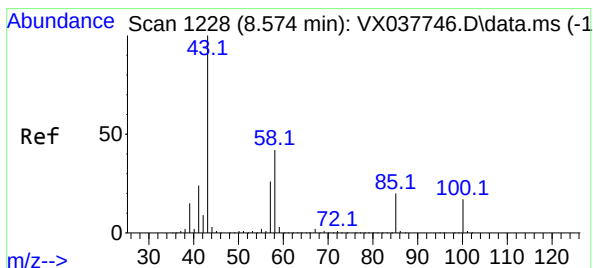
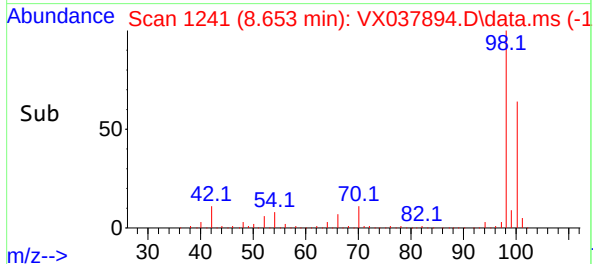
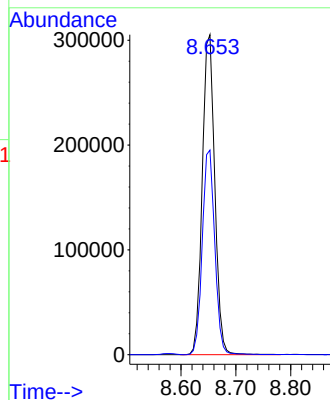
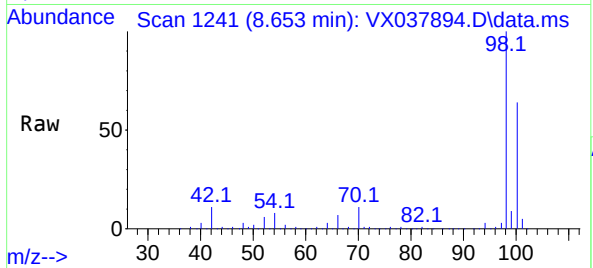




#50
Toluene-d8
Concen: 50.163 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

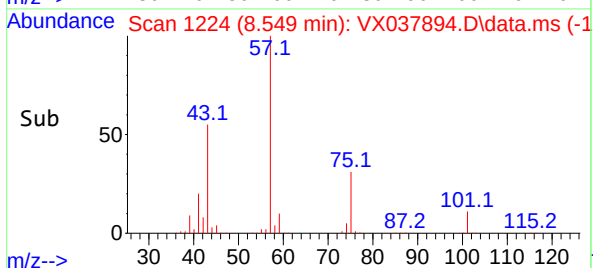
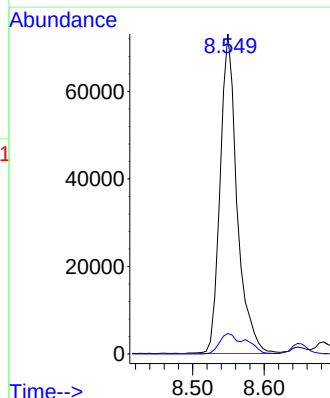
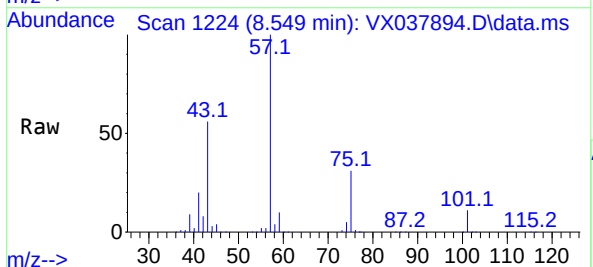
Instrument :
MSVOA_X
ClientSampleId :
PB155756TB

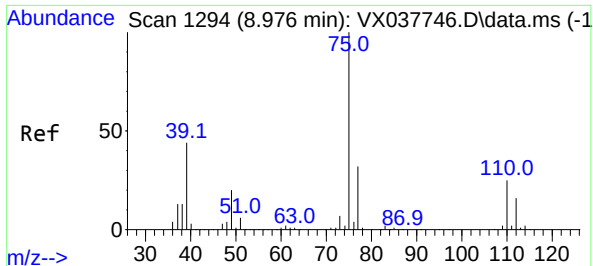
Tgt Ion: 98 Resp: 482797
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 30.244 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 43 Resp: 120363
Ion Ratio Lower Upper
43 100
58 10.0 30.4 45.6#

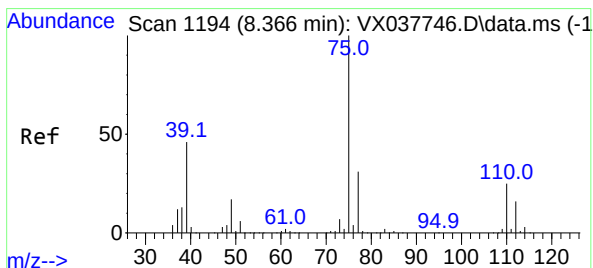
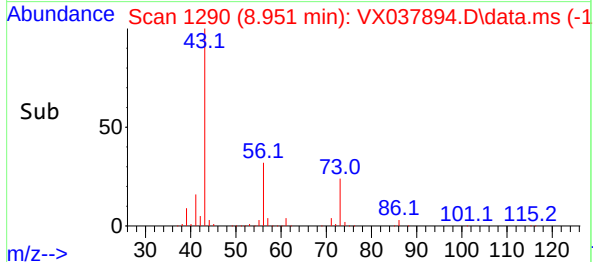
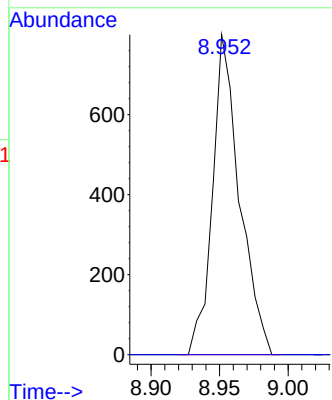
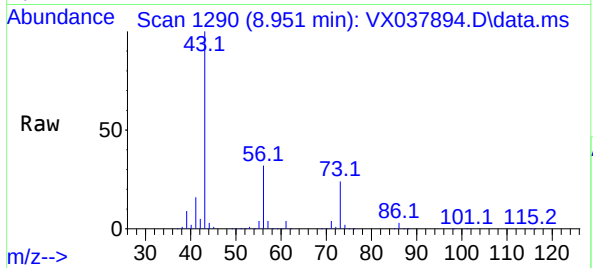




#53
 t-1,3-Dichloropropene
 Concen: 0.278 ug/l
 RT: 8.951 min Scan# 11
 Delta R.T. -0.037 min
 Lab File: VX037894.D
 Acq: 25 Sep 2023 14:06

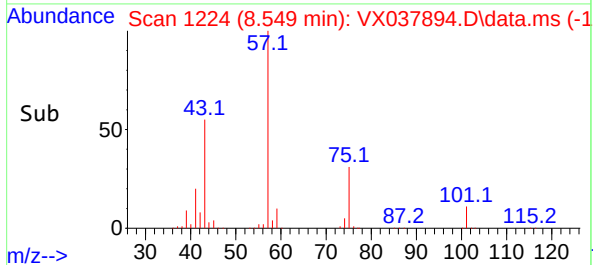
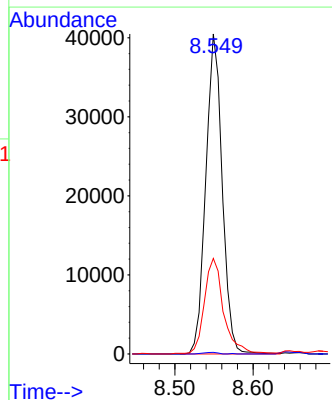
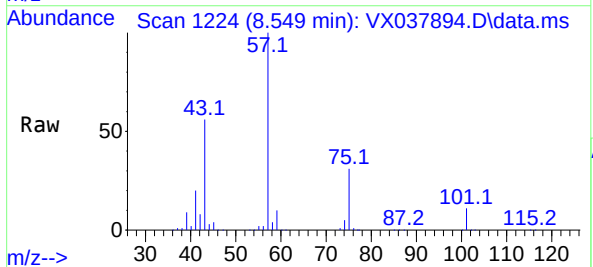
Instrument :
 MSVOA_X
 ClientSampleId :
 PB155756TB

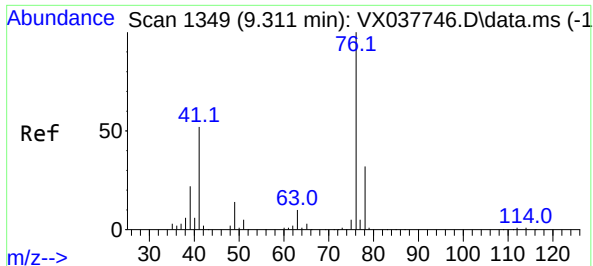
Tgt Ion: 75 Resp: 1097
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 13.474 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.177 min
 Lab File: VX037894.D
 Acq: 25 Sep 2023 14:06

Tgt Ion: 75 Resp: 58865
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 29.7 46.7 70.1#

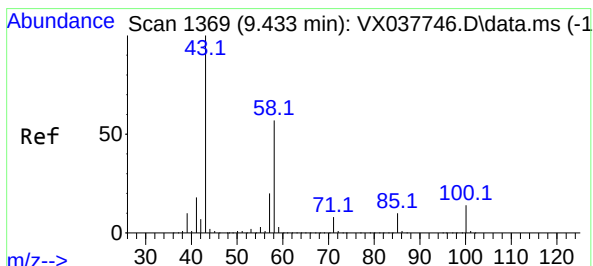
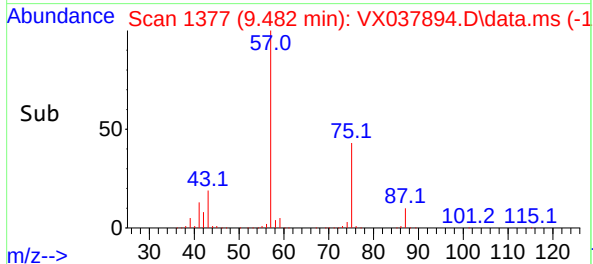
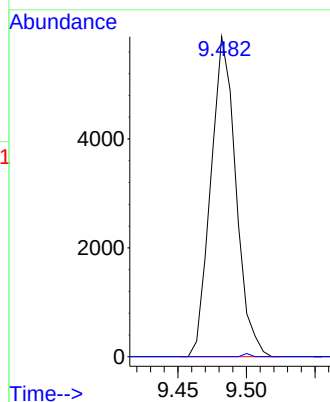
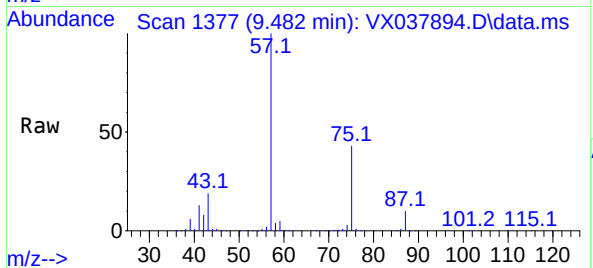




#57
1,3-Dichloropropane
Concen: 1.552 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

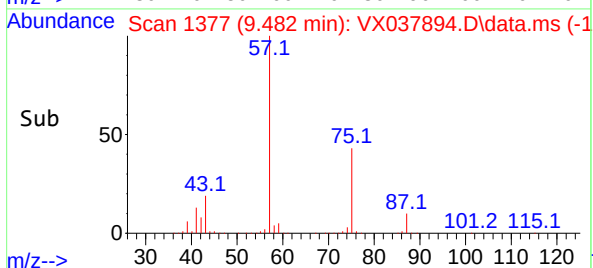
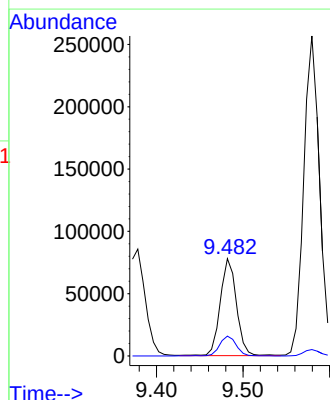
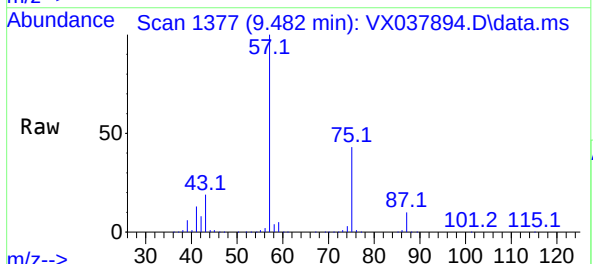
Instrument :
MSVOA_X
ClientSampleId :
PB155756TB

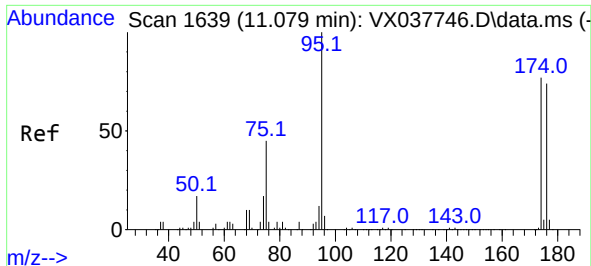
Tgt Ion: 76 Resp: 7488
Ion Ratio Lower Upper
76 100
78 0.3 26.1 39.1#



#59
2-Hexanone
Concen: 32.701 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 43 Resp: 101329
Ion Ratio Lower Upper
43 100
58 21.2 26.2 78.5#

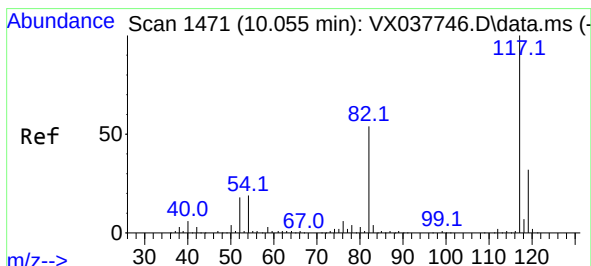
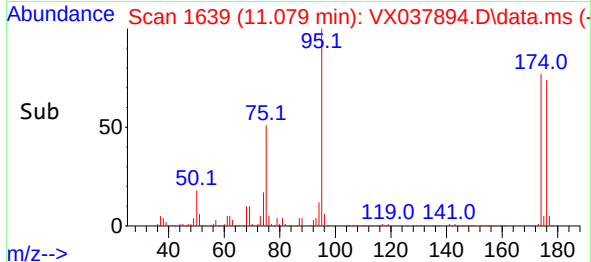
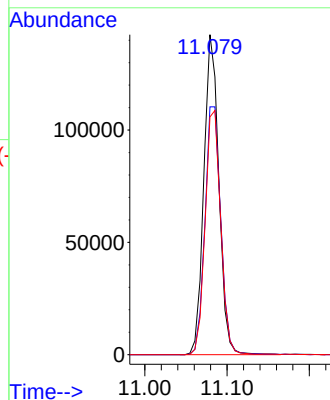
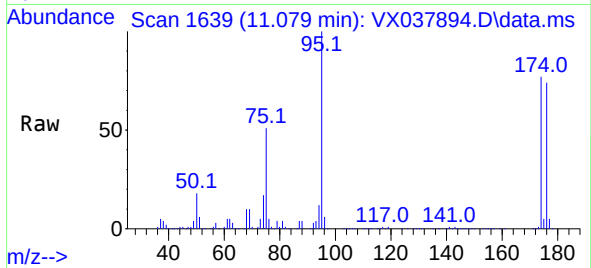




#62
4-Bromofluorobenzene
Concen: 51.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

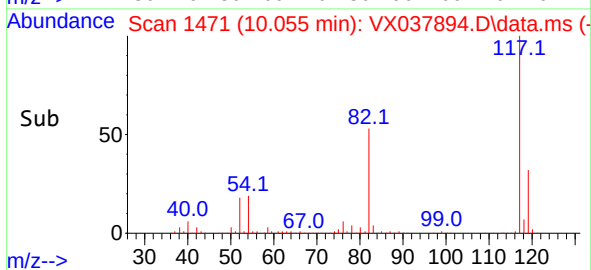
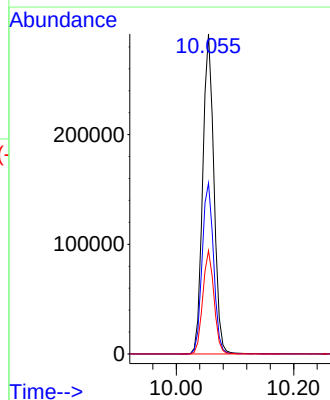
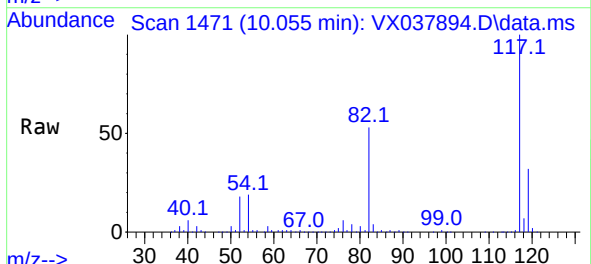
Instrument :
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ClientSampleId :
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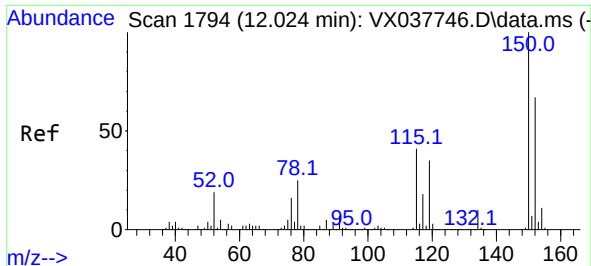
Tgt Ion: 95 Resp: 180981
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 79.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 117 Resp: 384922
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 32.3 25.5 38.3

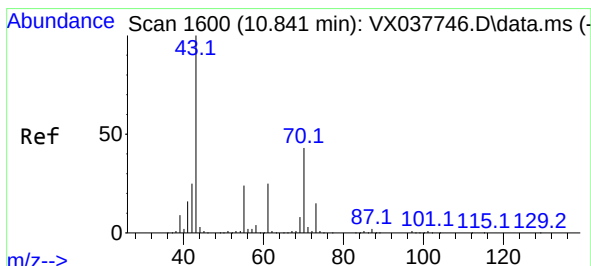
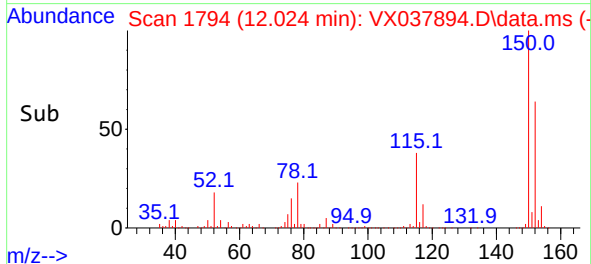
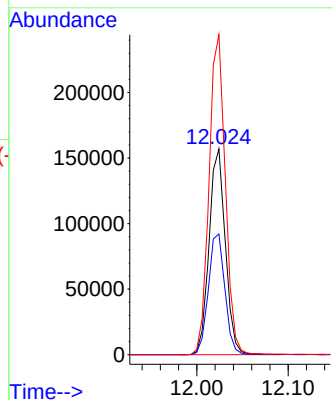
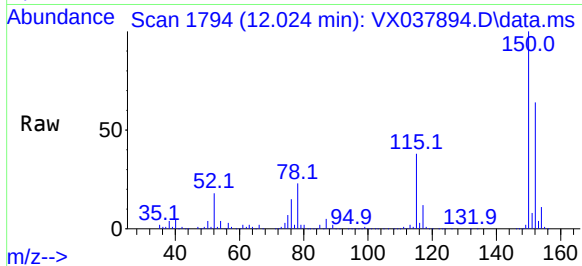




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

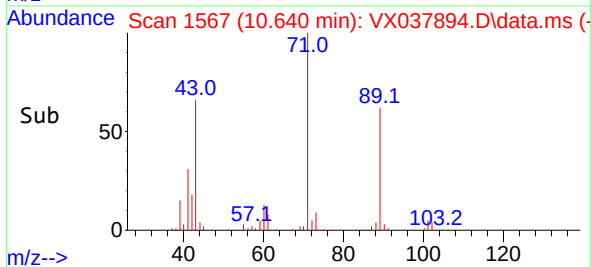
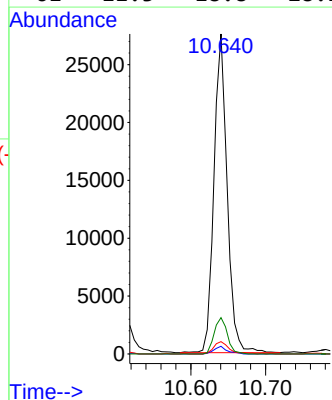
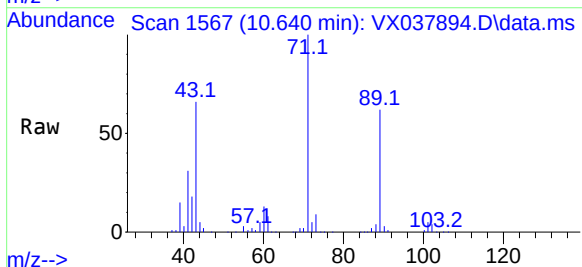
Instrument :
MSVOA_X
ClientSampleId :
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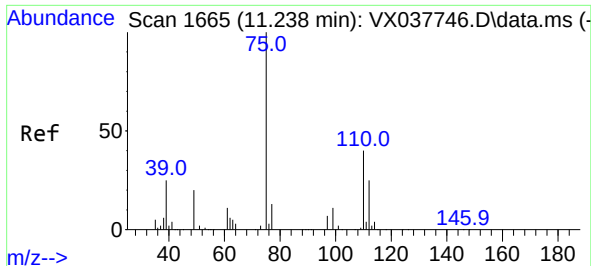
Tgt Ion:152 Resp: 193736
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 155.6 0.0 345.0



#74
N-ethyl acetate
Concen: 5.899 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.207 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 43 Resp: 33957
Ion Ratio Lower Upper
43 100
70 2.4 32.9 49.3#
55 4.5 19.3 28.9#
61 11.3 18.8 28.2#

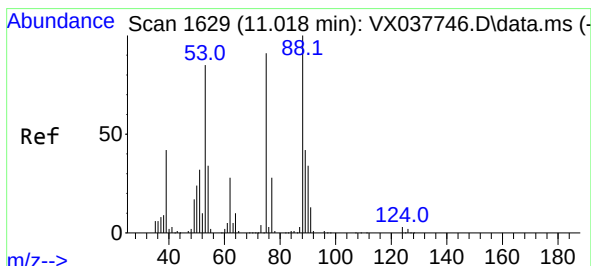
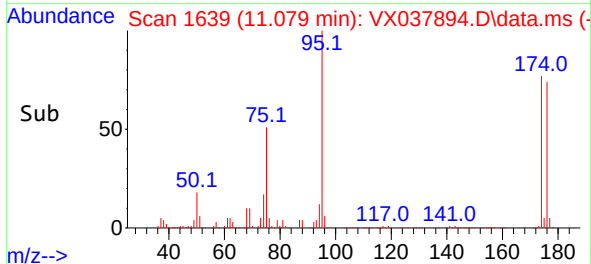
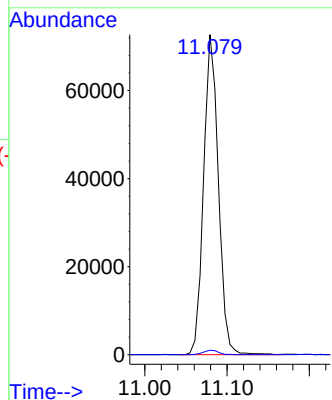
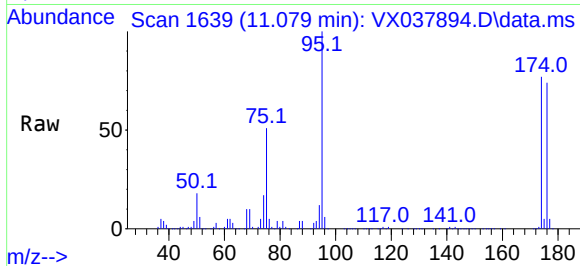




#76
1,2,3-Trichloropropane
Concen: 20.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Instrument :
MSVOA_X
ClientSampleId :
PB155756TB

Tgt Ion: 75 Resp: 90807
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 75 Resp: 90807
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

