

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036770.D
 Acq On : 02 Aug 2023 15:05
 Operator : JC/MD
 Sample : PB154568TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154568TB

Quant Time: Aug 03 07:28:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

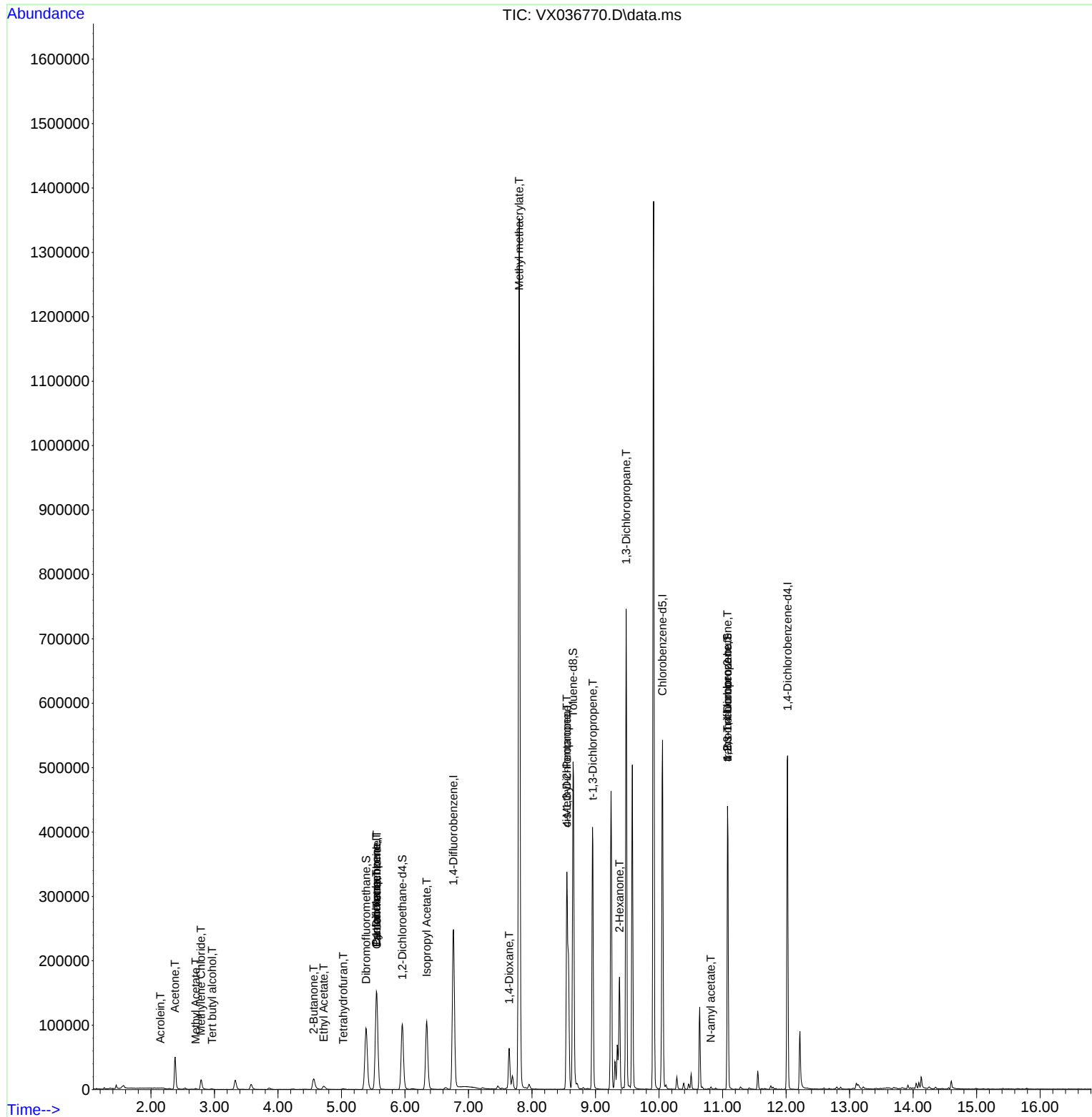
Internal Standards						
1) Pentafluorobenzene	5.550	168	141390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96868	46.302	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.600%
35) Dibromofluoromethane	5.385	113	82129	46.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.640%
50) Toluene-d8	8.647	98	306492	49.274	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	115520	49.225	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	1011	2.041	ug/l #	78
13) Acrolein	2.148	56	68	0.241	ug/l #	1
16) Acetone	2.380	43	54624	62.921	ug/l	92
18) Methyl Acetate	2.703	43	1822	0.499	ug/l	96
20) Methylene Chloride	2.788	84	7856	4.069	ug/l	92
25) 2-Butanone	4.562	43	30217	21.453	ug/l #	90
29) Tetrahydrofuran	5.025	42	928	1.022	ug/l #	89
31) Cyclohexane	5.550	56	3133	1.082	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11734	4.488	ug/l #	51
37) Ethyl Acetate	4.721	43	9644	3.259	ug/l	98
38) Carbon Tetrachloride	5.556	117	15033	5.409	ug/l #	14
43) Isopropyl Acetate	6.342	43	145826	28.629	ug/l	96
48) Methyl methacrylate	7.799	41	114242	48.227	ug/l #	48
49) 1,4-Dioxane	7.641	88	23	0.481	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	118078	41.889	ug/l #	37
53) t-1,3-Dichloropropene	8.958	75	928	0.281	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	54232	15.586	ug/l #	54
57) 1,3-Dichloropropane	9.482	76	6448	1.932	ug/l #	42
59) 2-Hexanone	9.378	43	128371	61.362	ug/l #	26
74) N-amyl acetate	10.817	43	968	0.236	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	59750	23.851	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59750	54.060	ug/l #	5

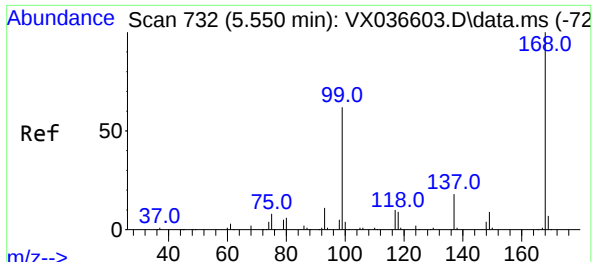
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX036770.D
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB154568TB

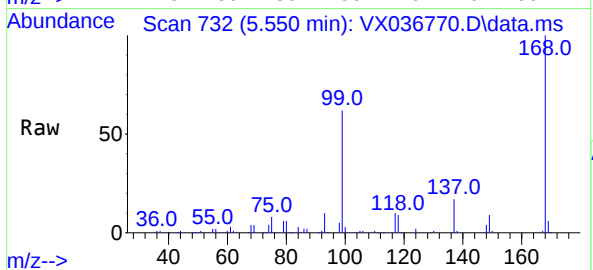
Quant Time: Aug 03 07:28:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
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QLast Update : Fri Jul 21 12:14:12 2023
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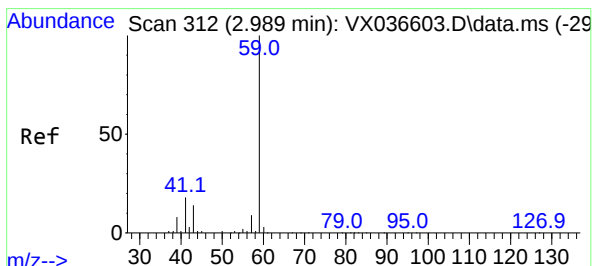
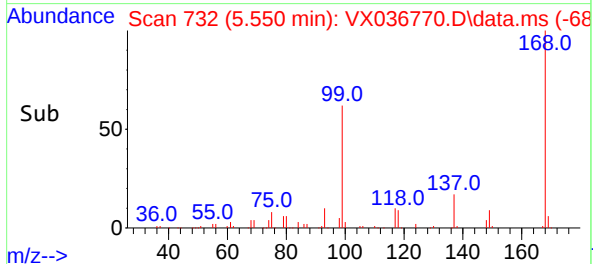
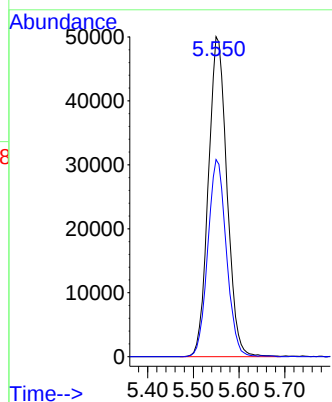


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
PB154568TB

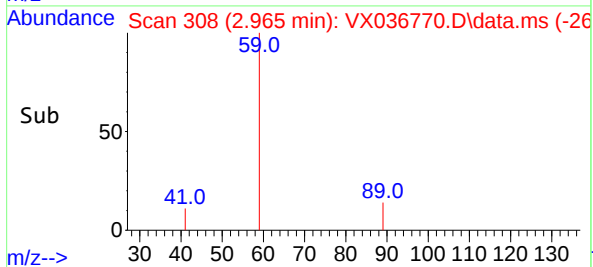
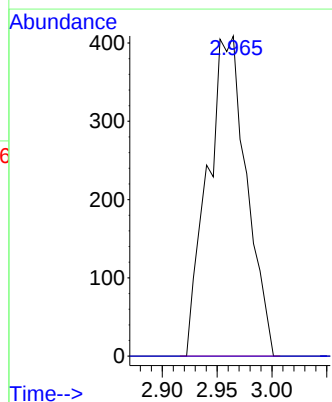
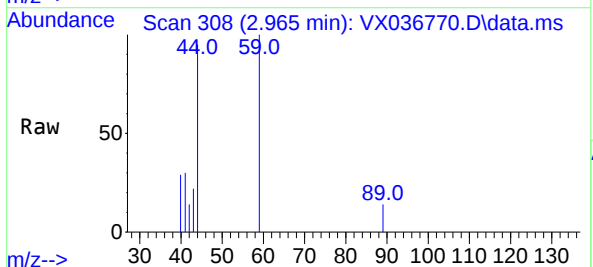


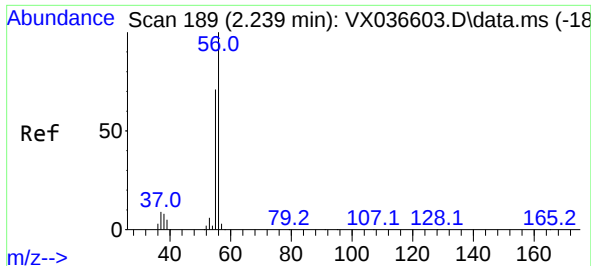
Tgt Ion:168 Resp: 141390
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.041 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 59 Resp: 1011
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

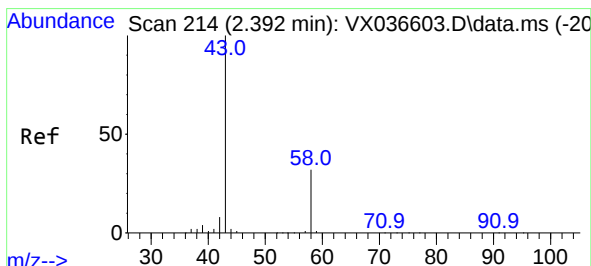
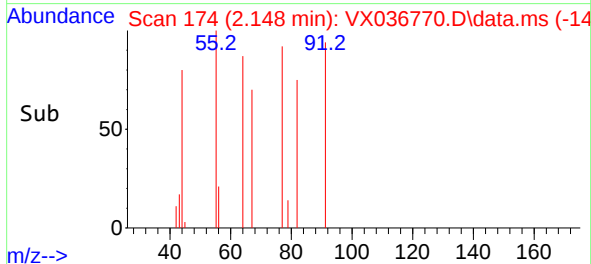
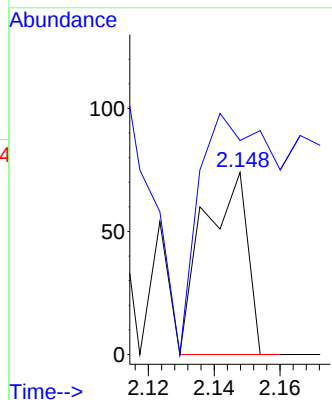
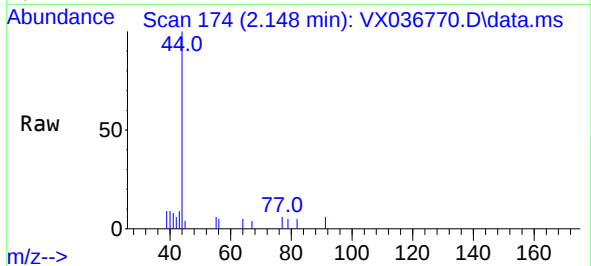




#13
Acrolein
Concen: 0.241 ug/l
RT: 2.148 min Scan# 11
Delta R.T. -0.091 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

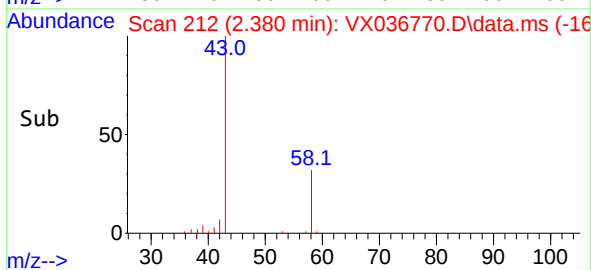
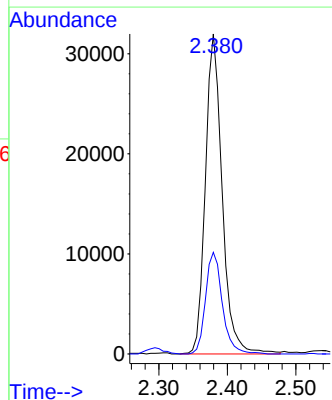
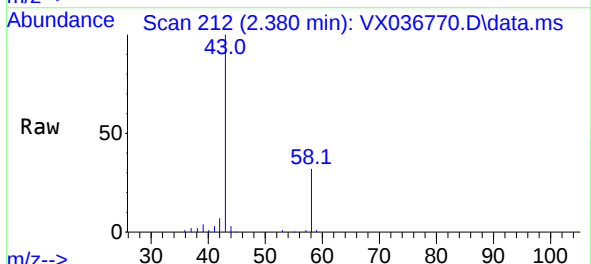
Instrument :
MSVOA_X
ClientSampleId :
PB154568TB

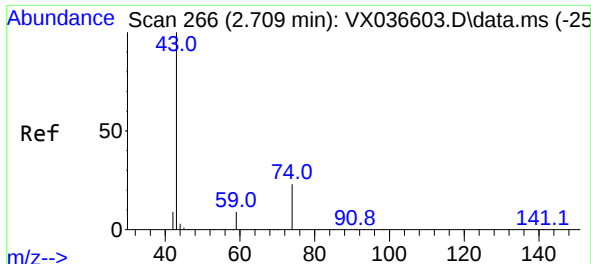
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 229.4 57.1 85.7#



#16
Acetone
Concen: 62.921 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 43 Resp: 54624
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9

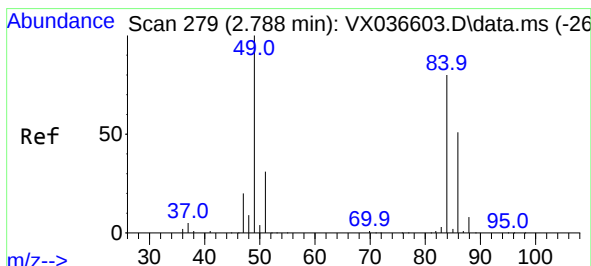
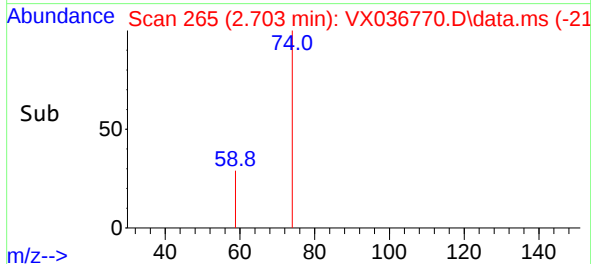
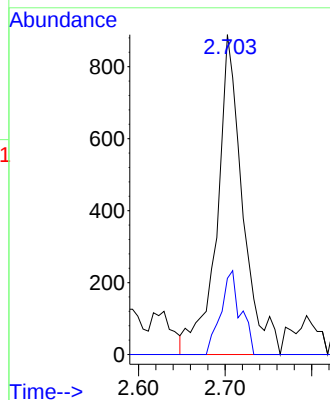
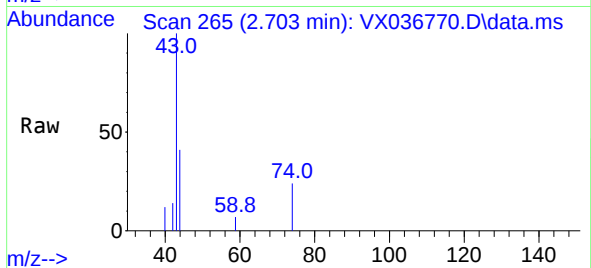




#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

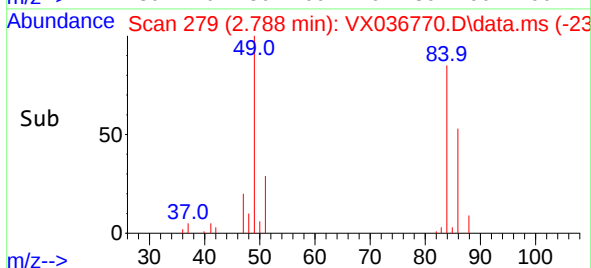
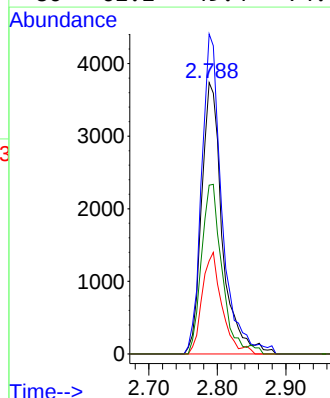
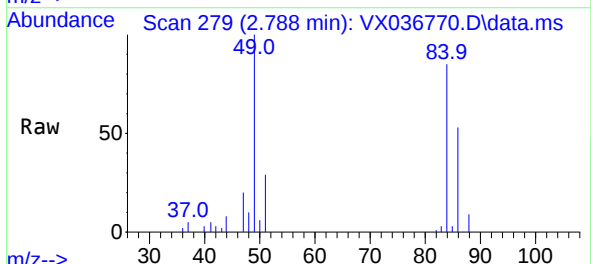
Instrument :
MSVOA_X
ClientSampleId :
PB154568TB

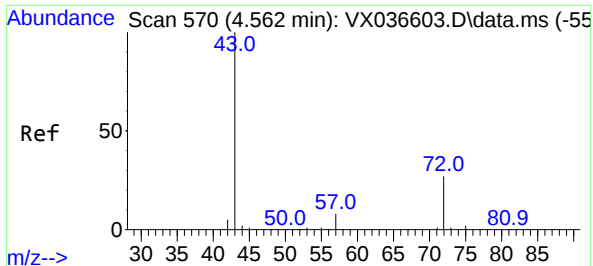
Tgt Ion: 43 Resp: 1822
Ion Ratio Lower Upper
43 100
74 20.4 17.8 26.8



#20
Methylene Chloride
Concen: 4.069 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 84 Resp: 7856
Ion Ratio Lower Upper
84 100
49 118.0 103.6 155.4
51 34.3 33.8 50.6
86 62.2 49.4 74.0

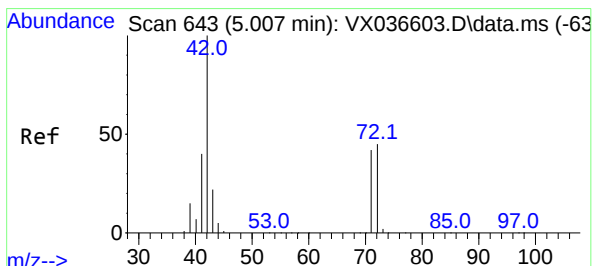
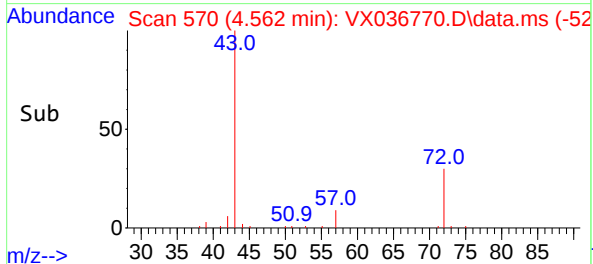
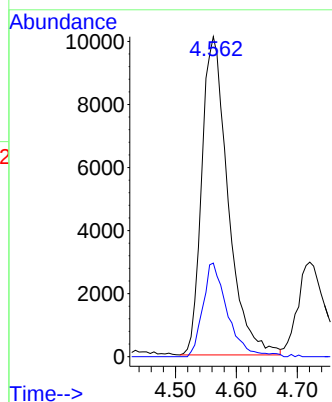
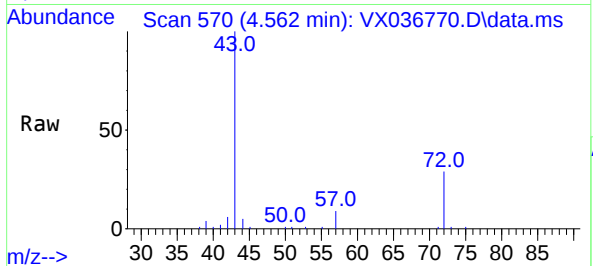




#25
2-Butanone
Concen: 21.453 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

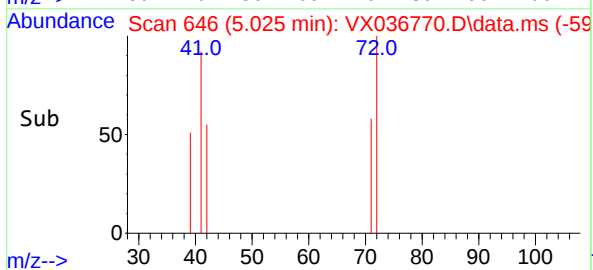
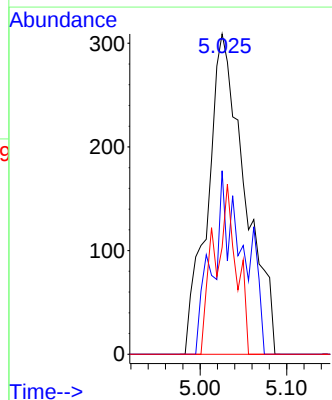
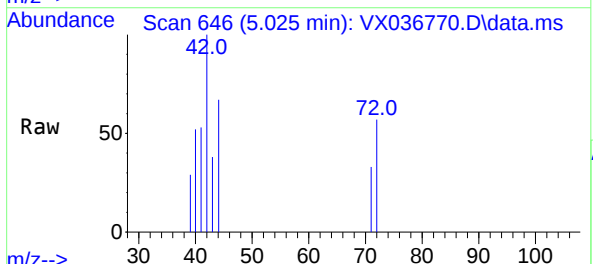
Instrument :
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ClientSampleId :
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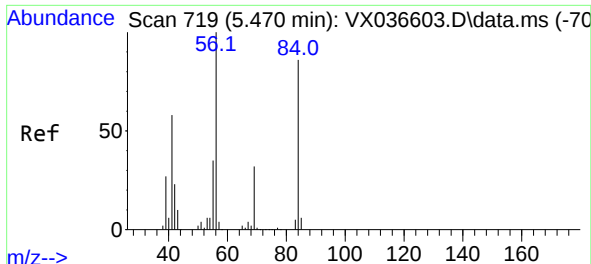
Tgt Ion: 43 Resp: 30217
Ion Ratio Lower Upper
43 100
72 29.4 19.4 29.2#



#29
Tetrahydrofuran
Concen: 1.022 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 42 Resp: 928
Ion Ratio Lower Upper
42 100
72 47.0 34.2 51.4
71 30.9 32.2 48.2#

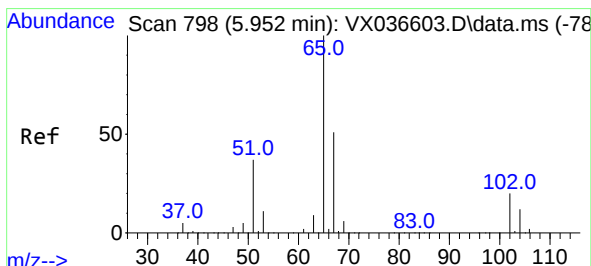
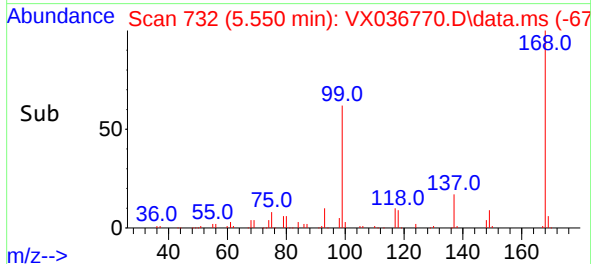
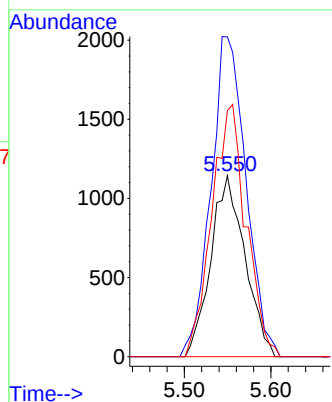
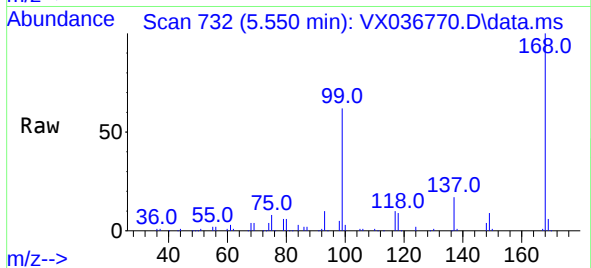




#31
Cyclohexane
Concen: 1.082 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

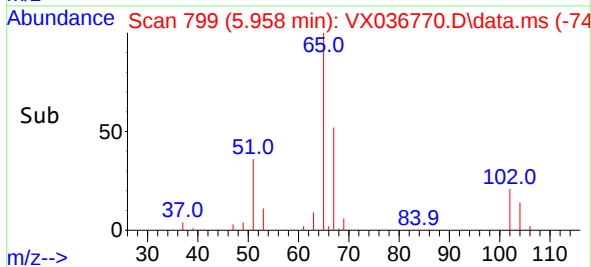
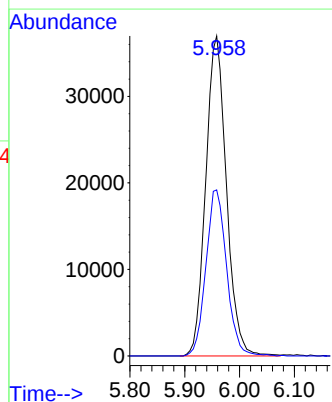
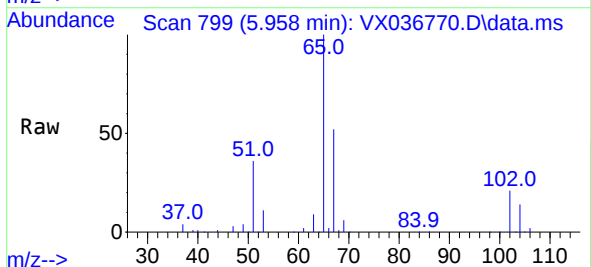
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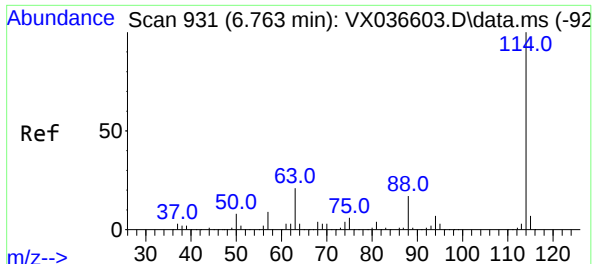
Tgt Ion: 56 Resp: 3133
Ion Ratio Lower Upper
56 100
69 176.8 23.4 35.2#
84 136.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.302 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 65 Resp: 96868
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

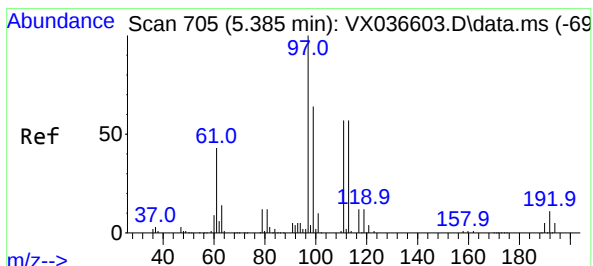
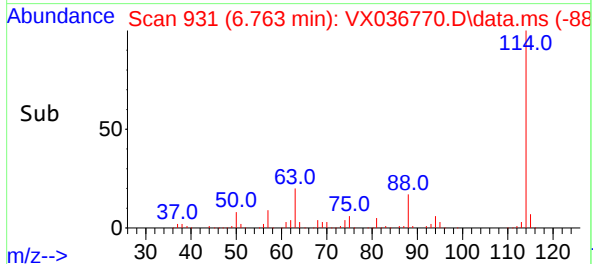
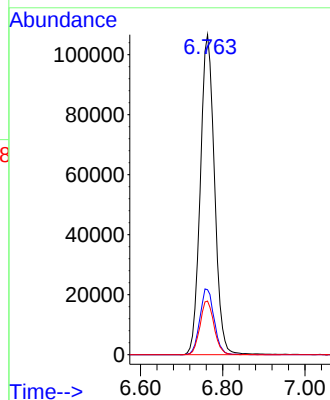
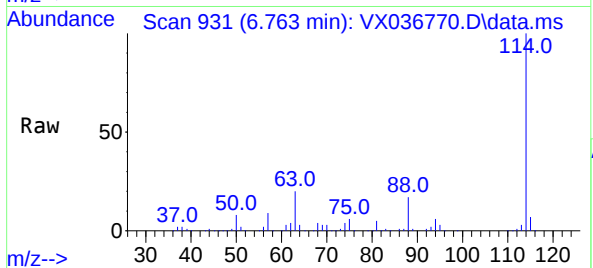




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

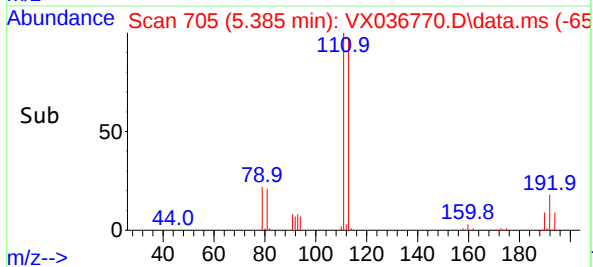
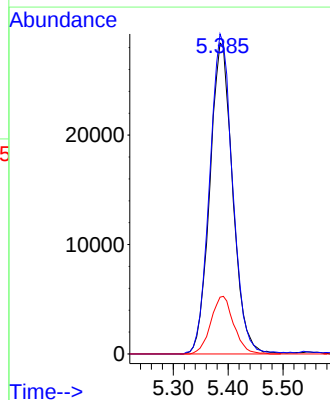
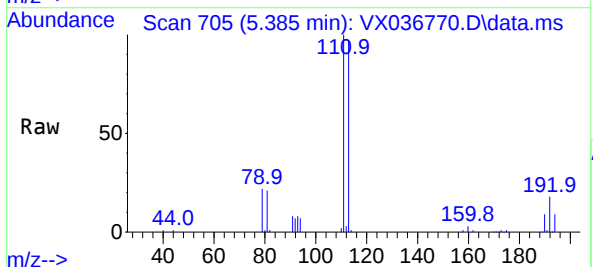
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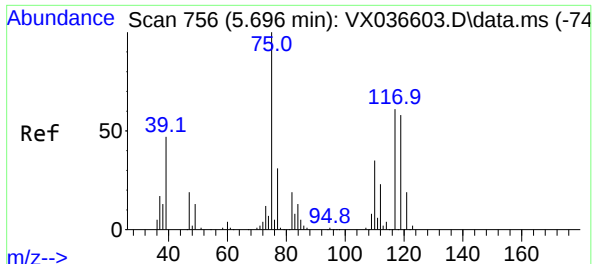
Tgt Ion:114 Resp: 255190
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion:113 Resp: 82129
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.6 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.488 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX036770.D

Acq: 02 Aug 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

PB154568TB

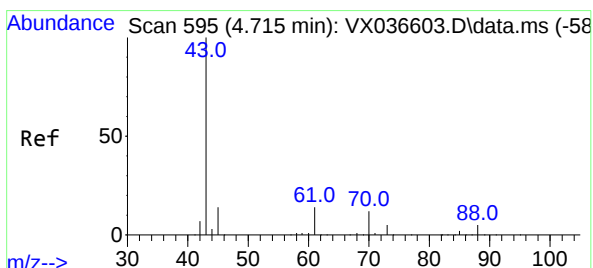
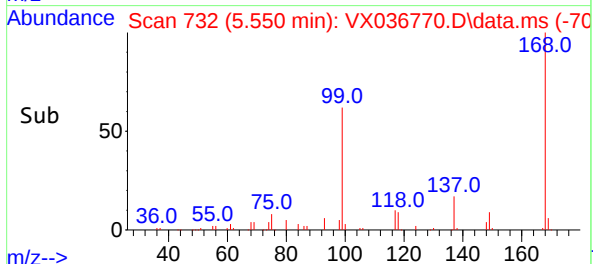
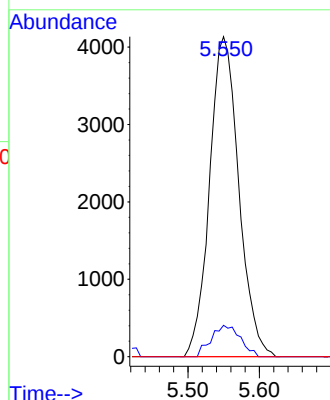
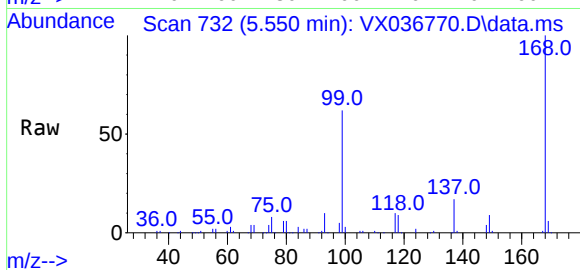
Tgt Ion: 75 Resp: 11734

Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 3.259 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036770.D

Acq: 02 Aug 2023 15:05

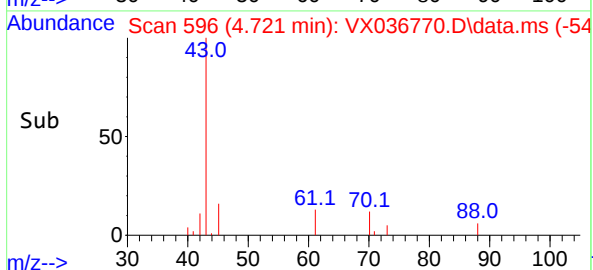
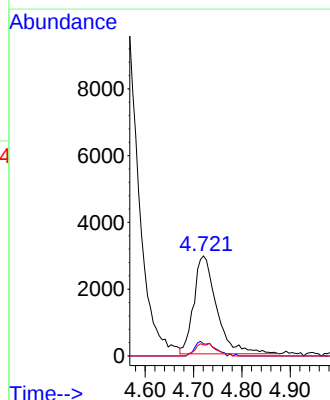
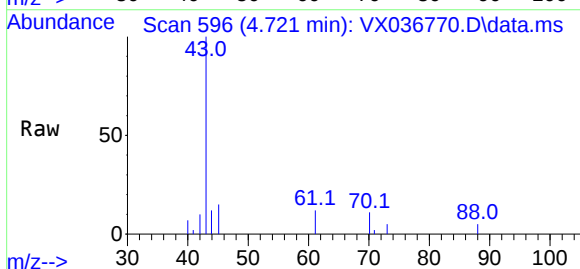
Tgt Ion: 43 Resp: 9644

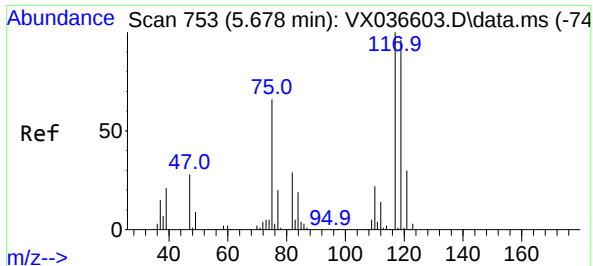
Ion Ratio Lower Upper

43 100

61 12.6 10.6 16.0

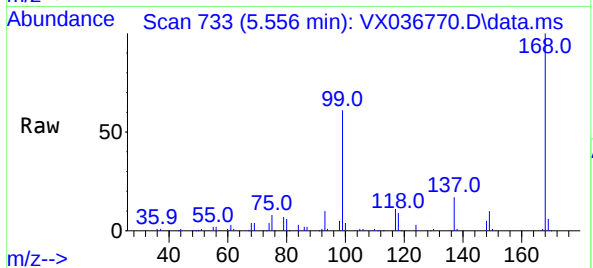
70 11.3 8.3 12.5



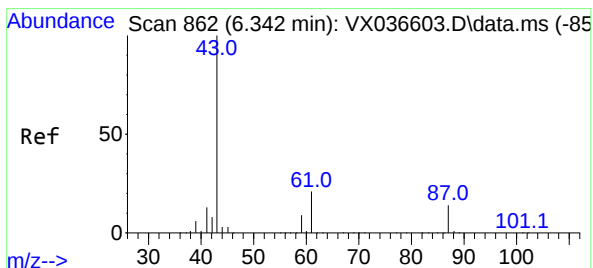
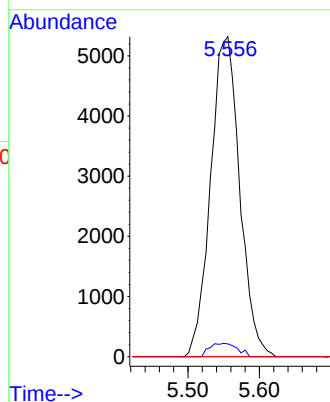
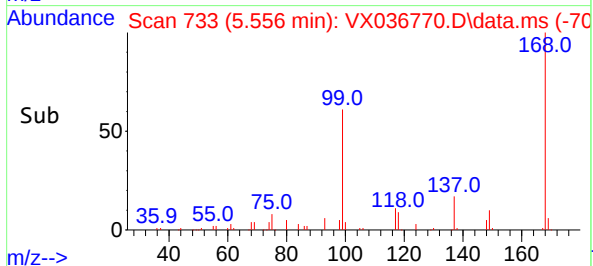


#38
Carbon Tetrachloride
Concen: 5.409 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
PB154568TB

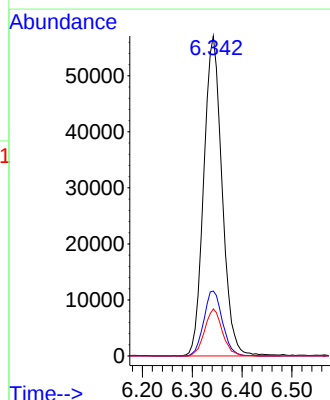
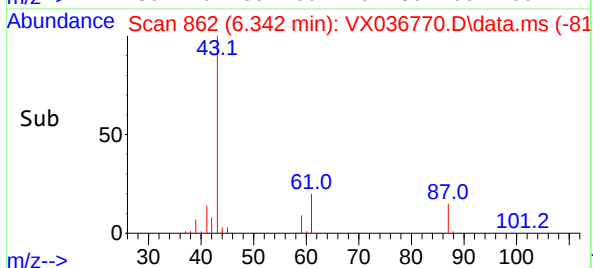
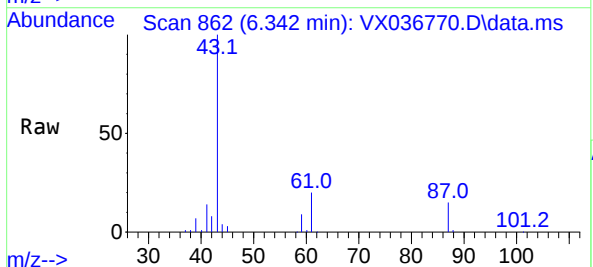


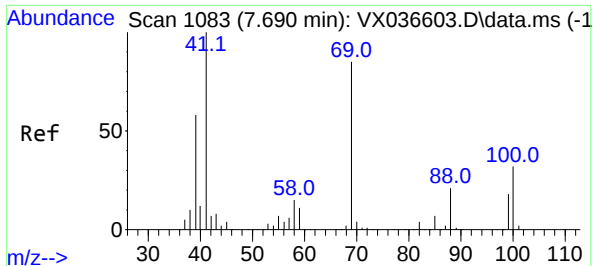
Tgt Ion:117 Resp: 15033
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 28.629 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 43 Resp: 145826
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 14.2 9.8 14.6





#48

Methyl methacrylate

Concen: 48.227 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.110 min

Lab File: VX036770.D

Acq: 02 Aug 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

PB154568TB

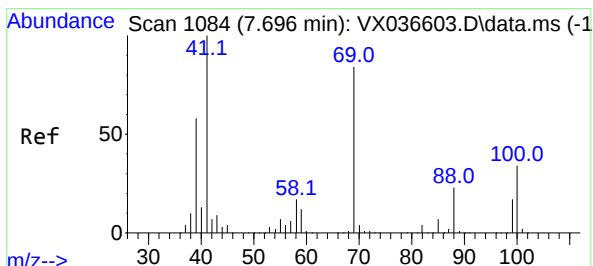
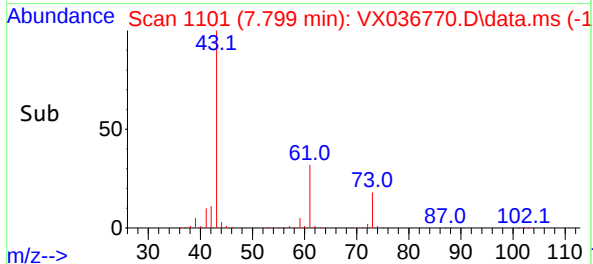
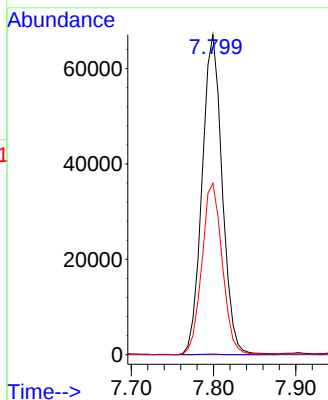
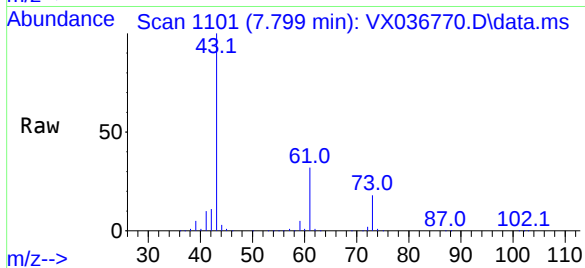
Tgt Ion: 41 Resp: 114242

Ion Ratio Lower Upper

41 100

69 0.1 59.2 88.8#

39 54.3 47.7 71.5



#49

1,4-Dioxane

Concen: 0.481 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. -0.055 min

Lab File: VX036770.D

Acq: 02 Aug 2023 15:05

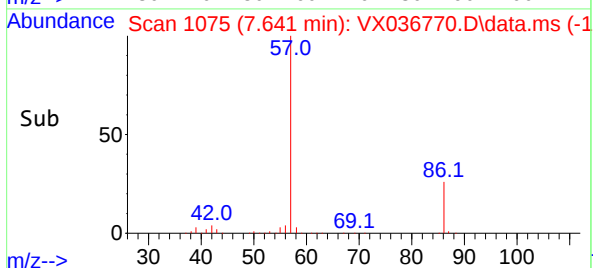
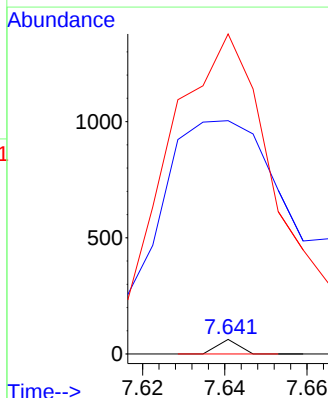
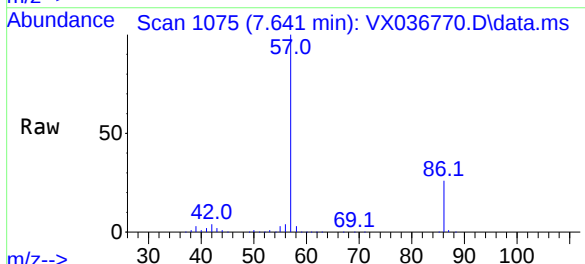
Tgt Ion: 88 Resp: 23

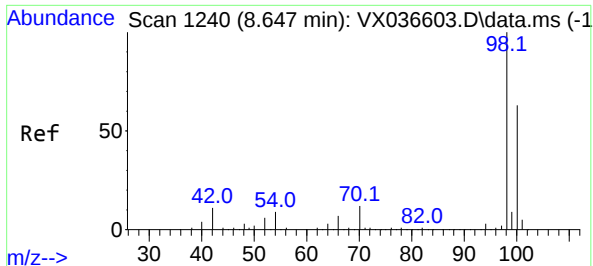
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 11578.3 60.1 90.1#

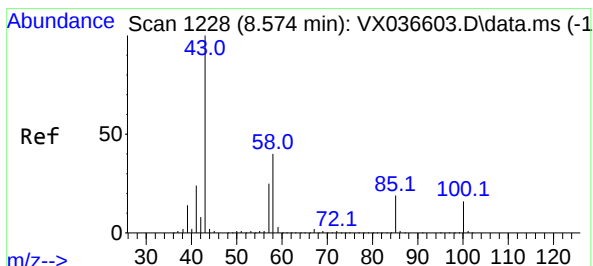
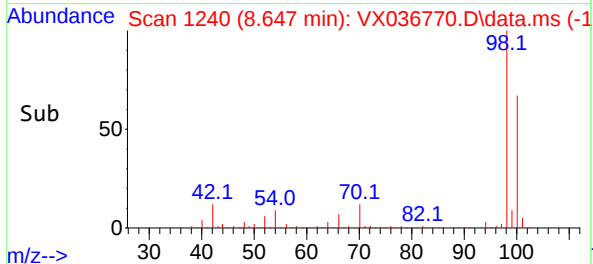
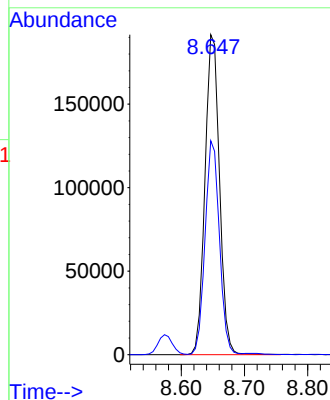
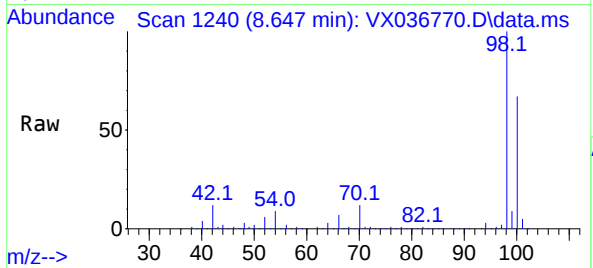




#50
Toluene-d8
Concen: 49.274 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

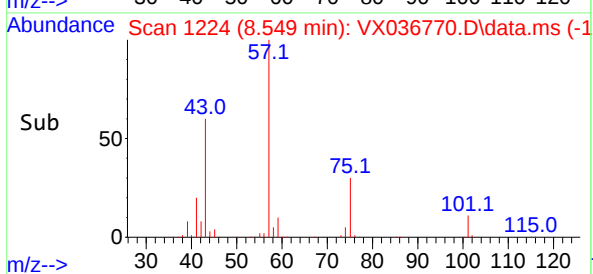
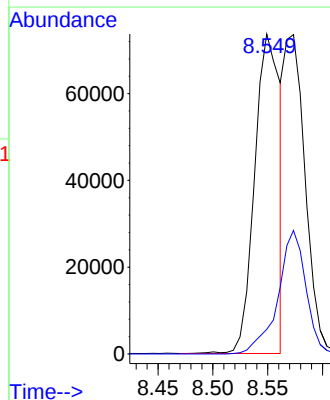
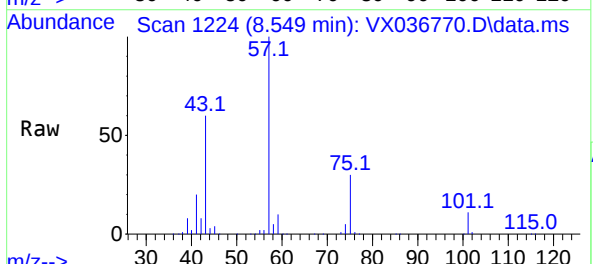
Instrument :
MSVOA_X
ClientSampleId :
PB154568TB

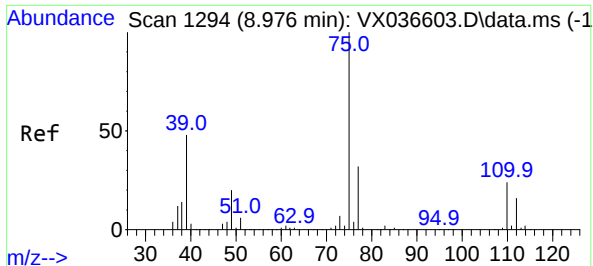
Tgt Ion: 98 Resp: 306492
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 41.889 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 43 Resp: 118078
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

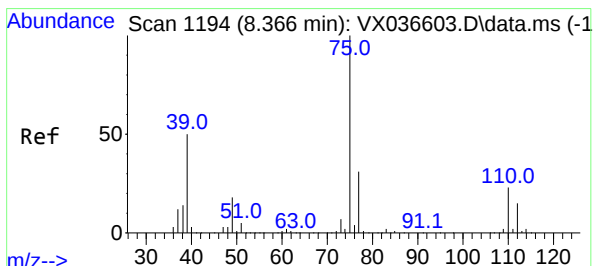
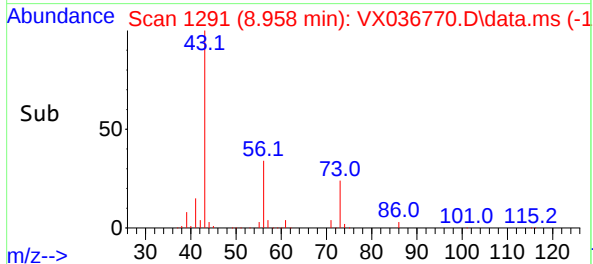
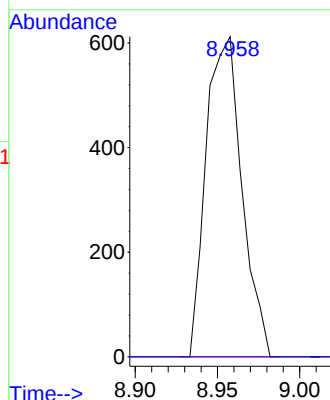
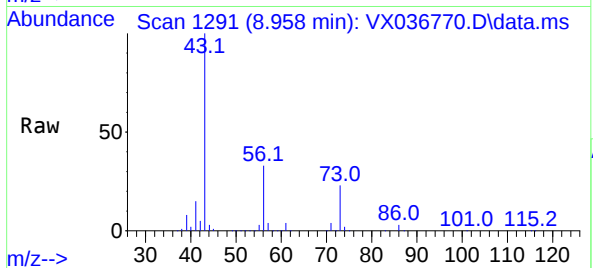




#53
t-1,3-Dichloropropene
Concen: 0.281 ug/l
RT: 8.958 min Scan# 1124
Delta R.T. -0.018 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

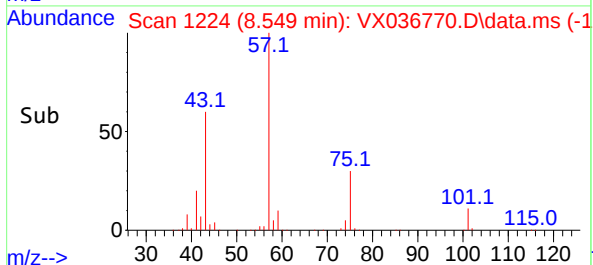
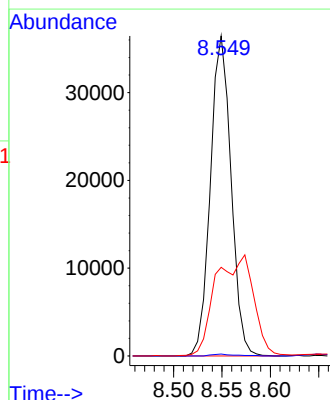
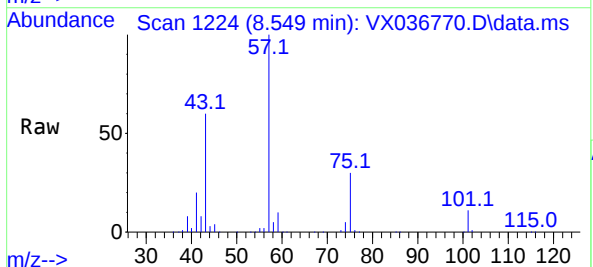
Instrument :
MSVOA_X
ClientSampleId :
PB154568TB

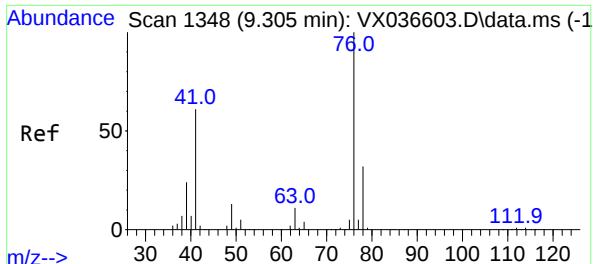
Tgt Ion: 75 Resp: 928
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 15.586 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 75 Resp: 54232
Ion Ratio Lower Upper
75 100
77 0.6 25.3 37.9#
39 27.6 46.7 70.1#

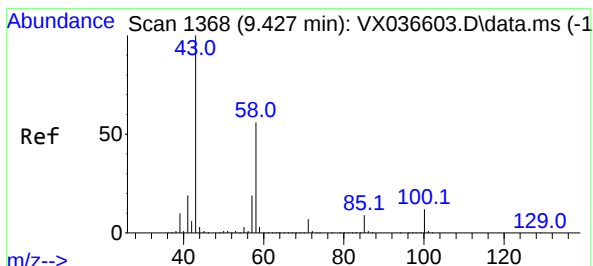
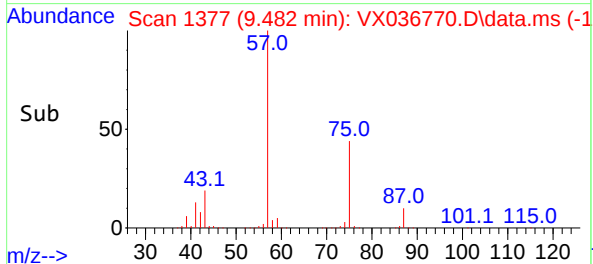
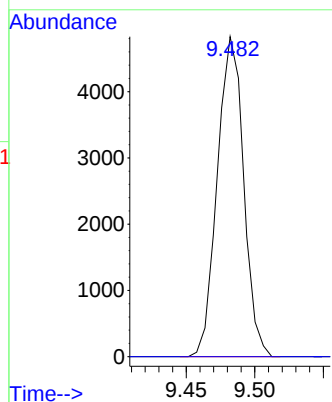
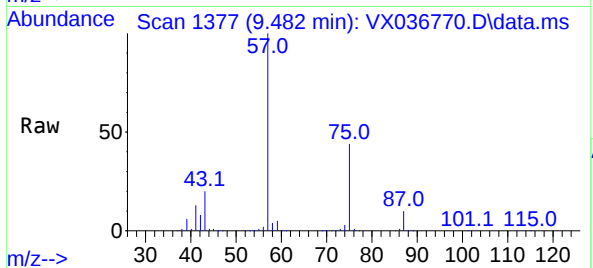




#57
1,3-Dichloropropane
Concen: 1.932 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

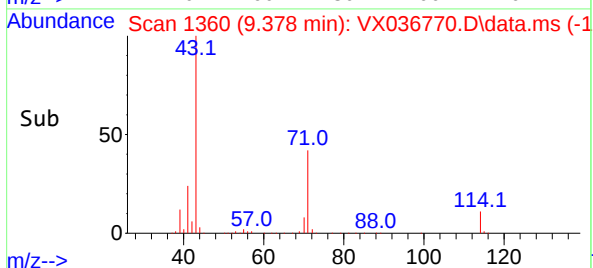
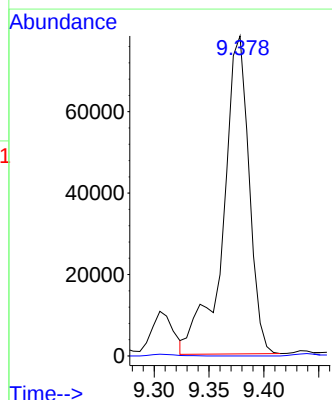
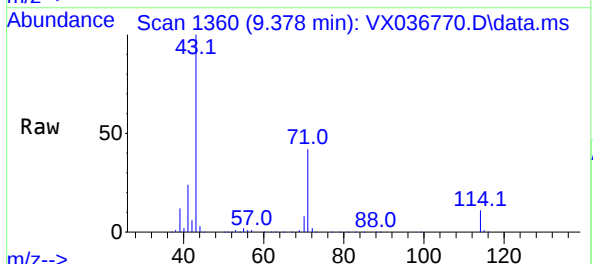
Instrument :
MSVOA_X
ClientSampleId :
PB154568TB

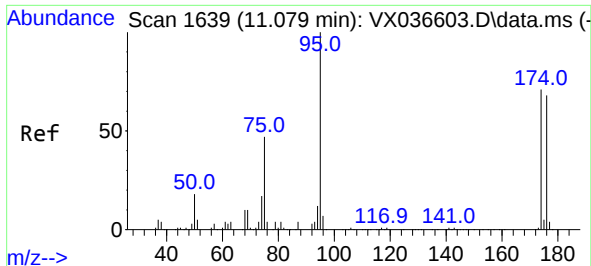
Tgt Ion: 76 Resp: 6448
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 61.362 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 43 Resp: 128371
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

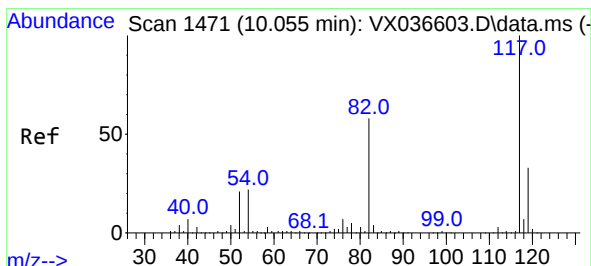
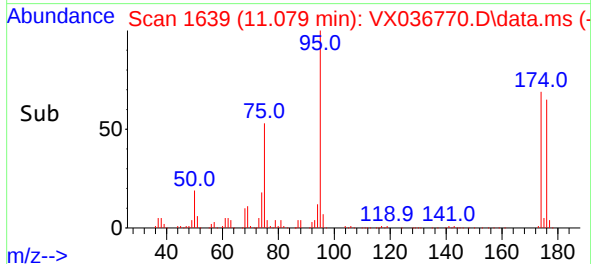
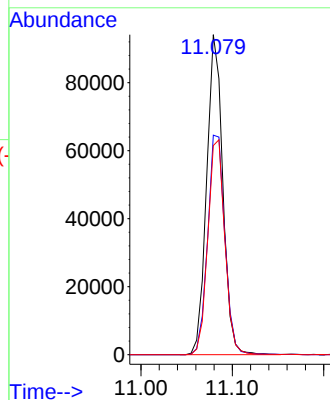
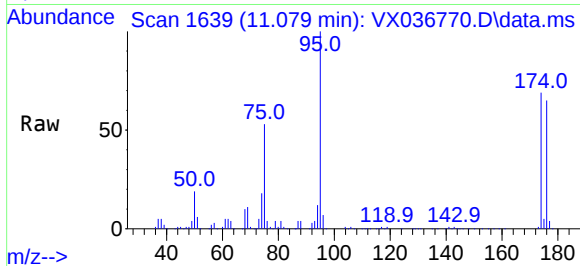




#62
4-Bromofluorobenzene
Concen: 49.225 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

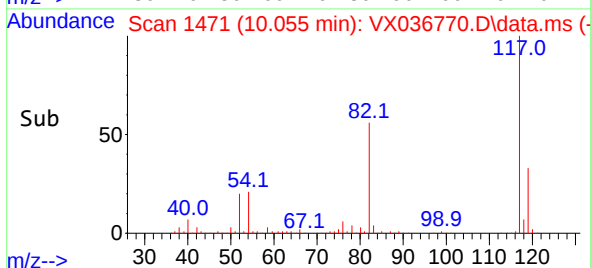
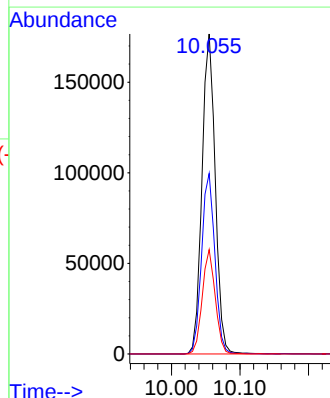
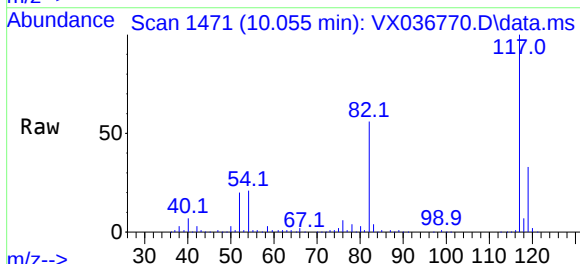
Instrument :
MSVOA_X
ClientSampleId :
PB154568TB

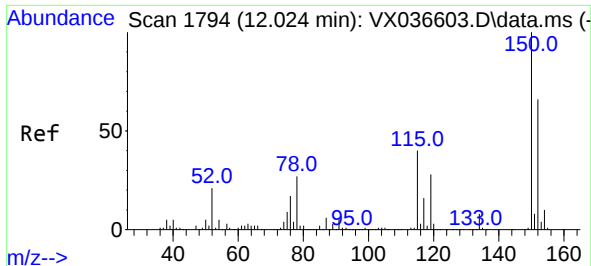
Tgt Ion: 95 Resp: 115520
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 117 Resp: 238092
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.6 25.5 38.3

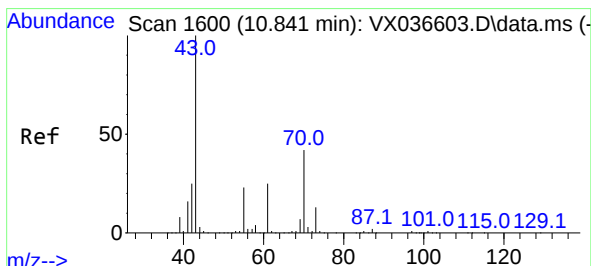
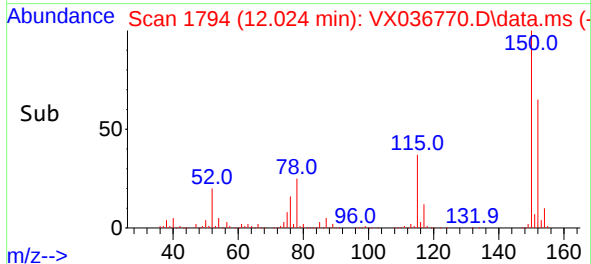
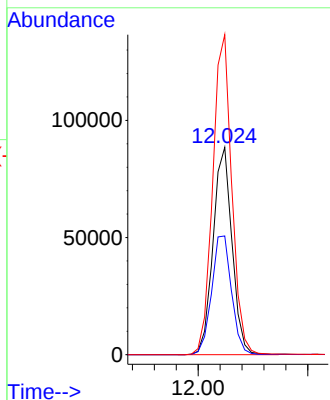
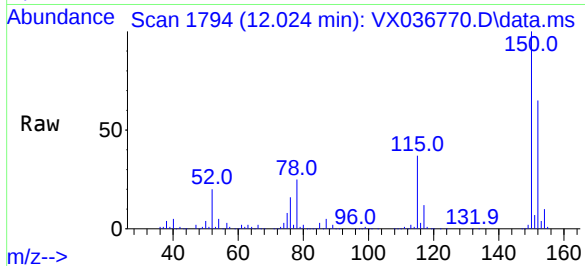




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

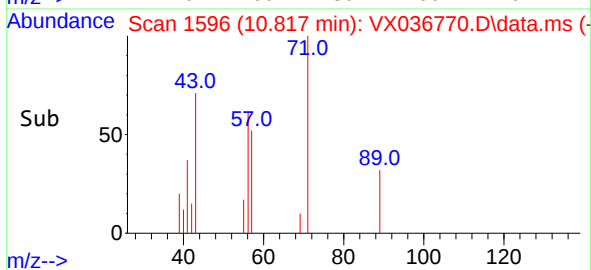
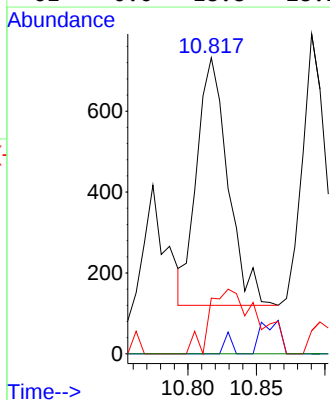
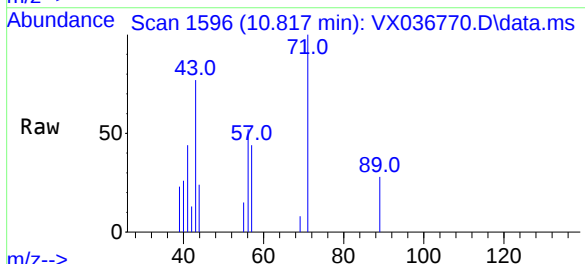
Instrument :
MSVOA_X
ClientSampleId :
PB154568TB

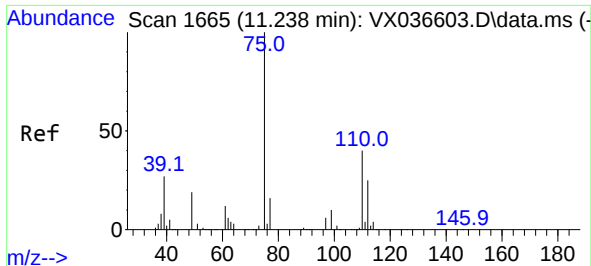
Tgt Ion:152 Resp: 106506
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 155.4 0.0 345.0



#74
N-ethyl acetate
Concen: 0.236 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 40.6 19.3 28.9#
61 0.0 18.8 28.2#

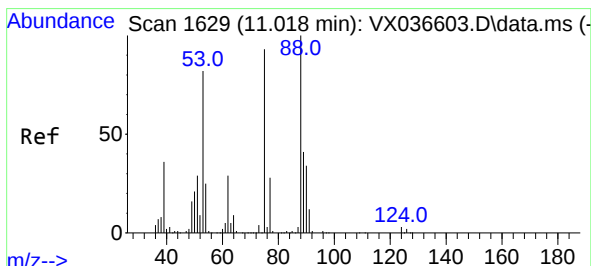
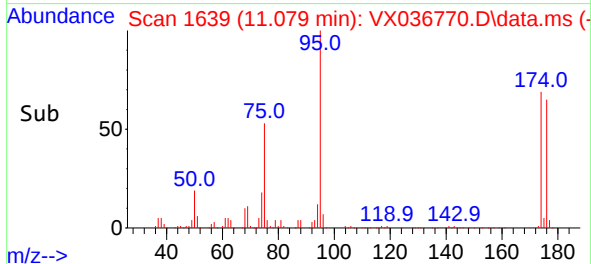
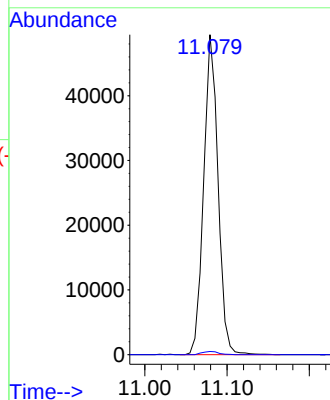
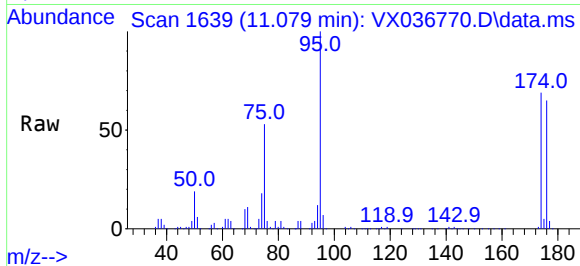




#76
1,2,3-Trichloropropane
Concen: 23.851 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
PB154568TB

Tgt Ion: 75 Resp: 59750
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036770.D
Acq: 02 Aug 2023 15:05

Tgt Ion: 75 Resp: 59750
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

