

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036970.D
 Acq On : 14 Aug 2023 17:24
 Operator : JC/MD
 Sample : PB154784TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154784TB

Quant Time: Aug 15 01:30:23 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)

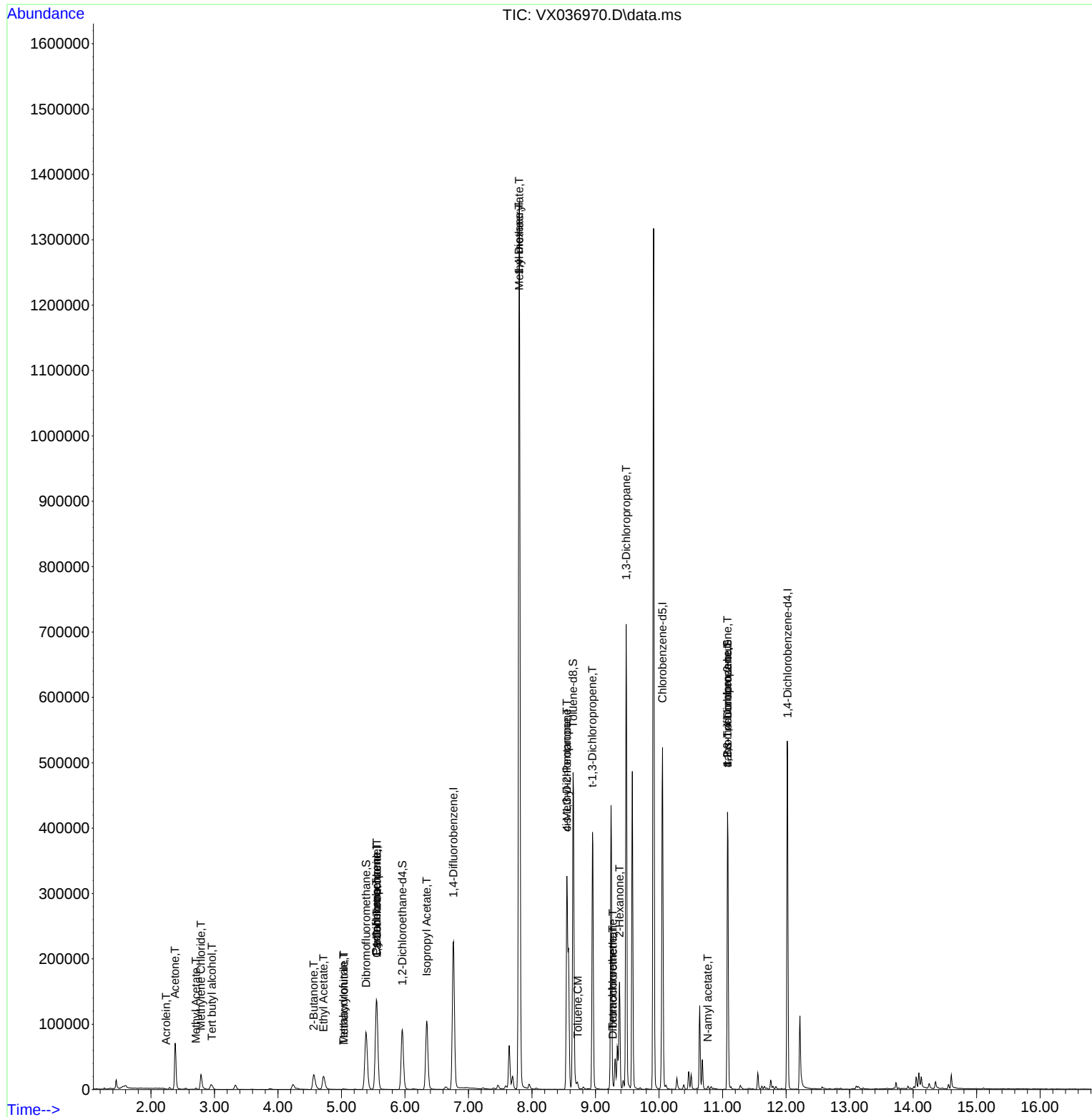
Internal Standards						
1) Pentafluorobenzene	5.550	168	126548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91722	48.985	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.960%		
35) Dibromofluoromethane	5.385	113	77294	47.840	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.680%		
50) Toluene-d8	8.647	98	287028	50.096	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.200%		
62) 4-Bromofluorobenzene	11.079	95	115559	53.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.920%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	7816	17.632	ug/l	97
13) Acrolein	2.239	56	58	0.229	ug/l #	14
16) Acetone	2.379	43	77011	99.113	ug/l	91
18) Methyl Acetate	2.709	43	2464	0.754	ug/l	98
20) Methylene Chloride	2.788	84	12380	7.164	ug/l	87
25) 2-Butanone	4.562	43	37481	29.732	ug/l	91
29) Tetrahydrofuran	5.031	42	436	0.536	ug/l #	83
31) Cyclohexane	5.550	56	2674	1.031	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10526	4.371	ug/l #	50
37) Ethyl Acetate	4.714	43	35391	12.984	ug/l #	94
38) Carbon Tetrachloride	5.556	117	13799	5.390	ug/l #	16
41) Methacrylonitrile	5.038	41	468	0.321	ug/l #	50
43) Isopropyl Acetate	6.342	43	142712	30.417	ug/l #	94
48) Methyl methacrylate	7.799	41	115587	52.973	ug/l #	48
49) 1,4-Dioxane	7.793	88	241	5.467	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	108694	41.862	ug/l #	37
52) Toluene	8.720	92	1196	0.272	ug/l	99
53) t-1,3-Dichloropropene	8.951	75	915	0.301	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	53004	16.537	ug/l #	54
57) 1,3-Dichloropropane	9.482	76	6444	2.096	ug/l #	42
59) 2-Hexanone	9.378	43	118366	61.425	ug/l #	26
60) Dibromochloromethane	9.275	129	659	0.325	ug/l #	11
64) Tetrachloroethene	9.268	164	642	0.373	ug/l	85
74) N-amyl acetate	10.768	43	2444	0.583	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	60593	23.704	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	60593	53.727	ug/l #	5

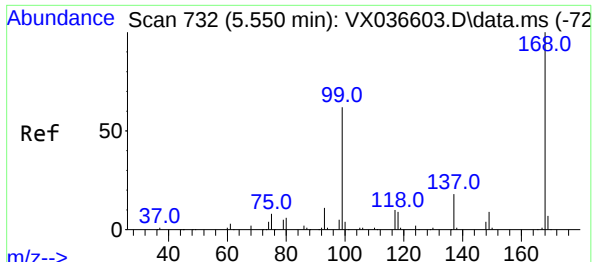
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
Data File : VX036970.D
Acq On : 14 Aug 2023 17:24
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

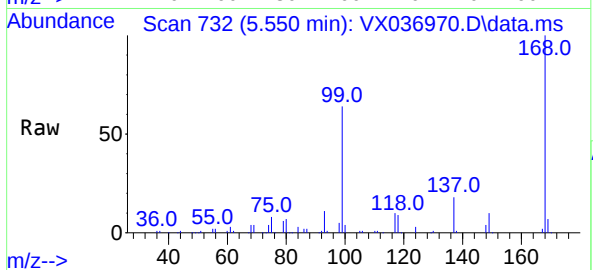
Quant Time: Aug 15 01:30:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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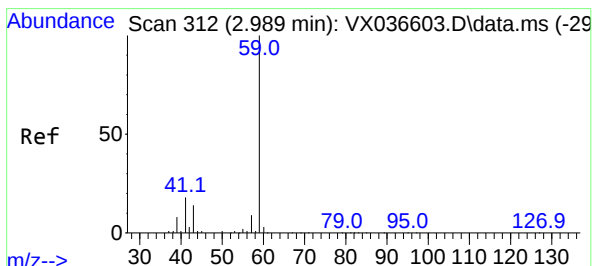
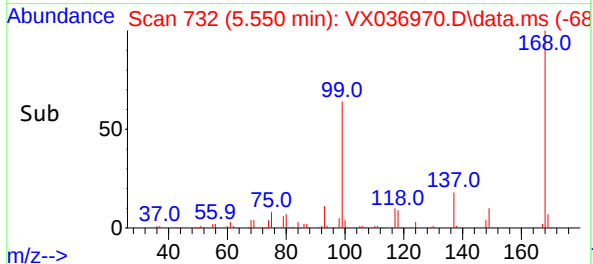
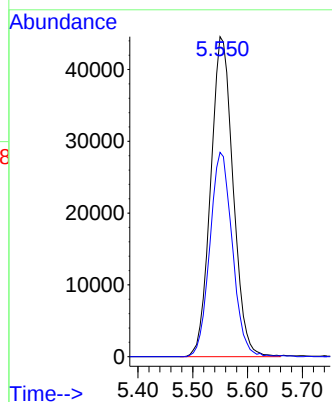


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

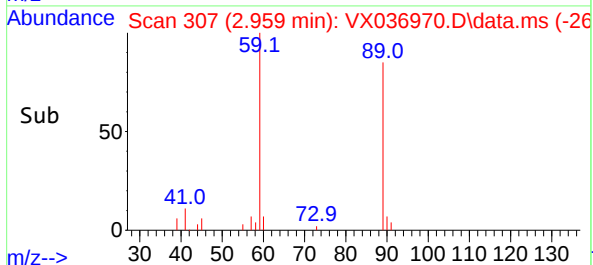
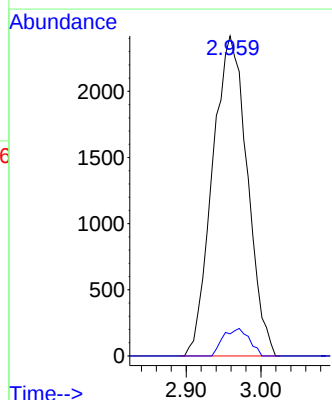
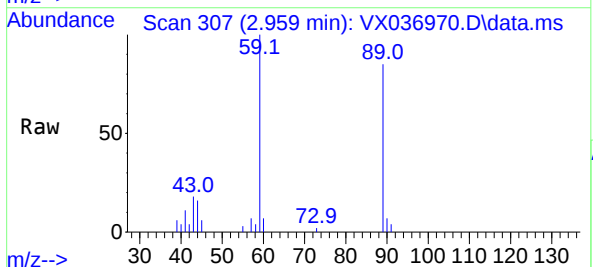


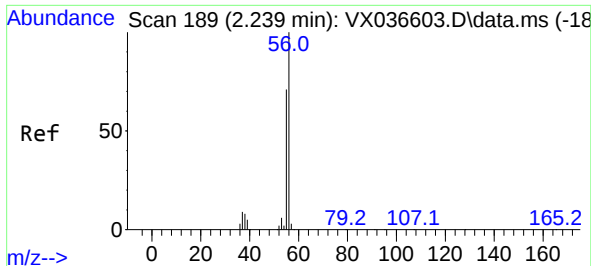
Tgt Ion:168 Resp: 126548
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 17.632 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion: 59 Resp: 7816
Ion Ratio Lower Upper
59 100
57 6.4 6.0 9.0

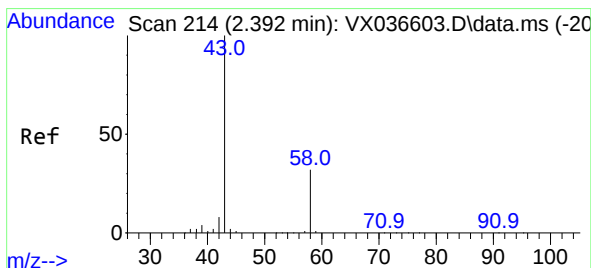
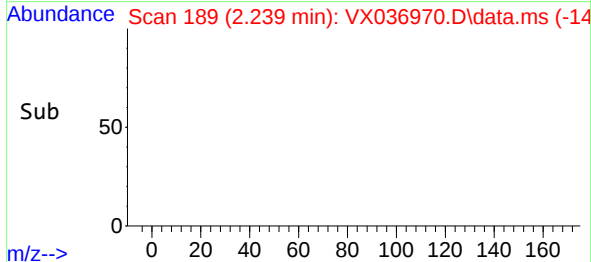
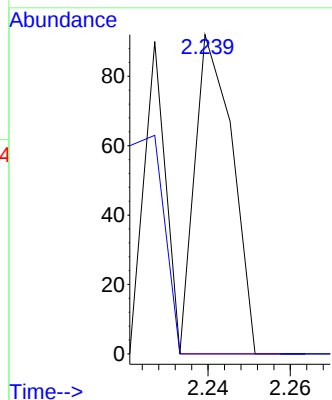
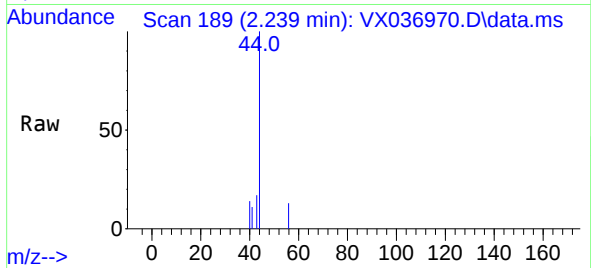




#13
Acrolein
Concen: 0.229 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

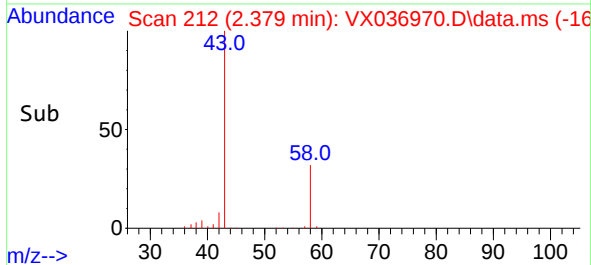
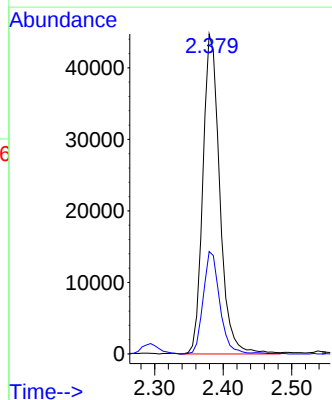
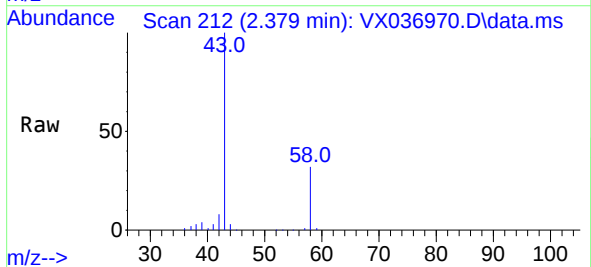
Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

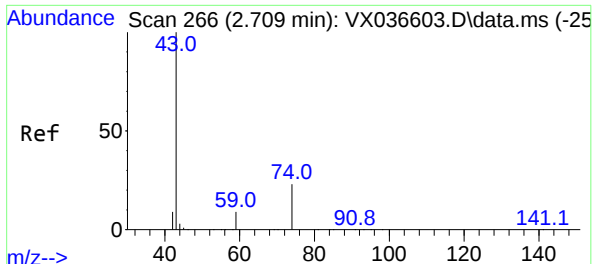
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 99.113 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion: 43 Resp: 77011
Ion Ratio Lower Upper
43 100
58 32.0 21.9 32.9

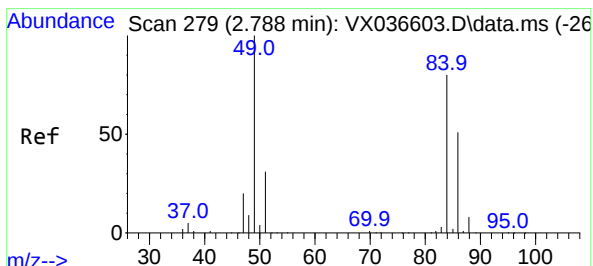
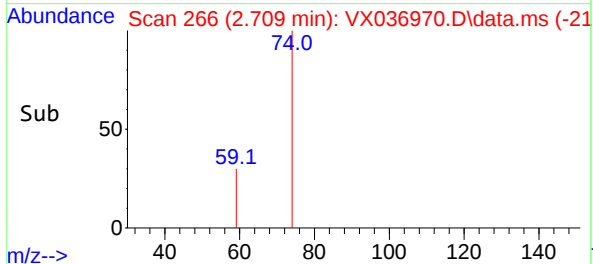
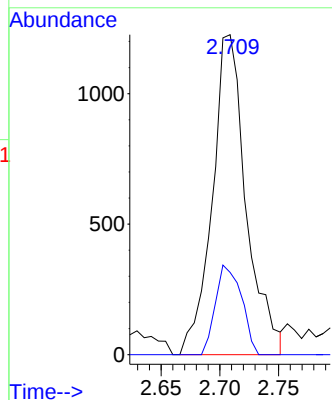
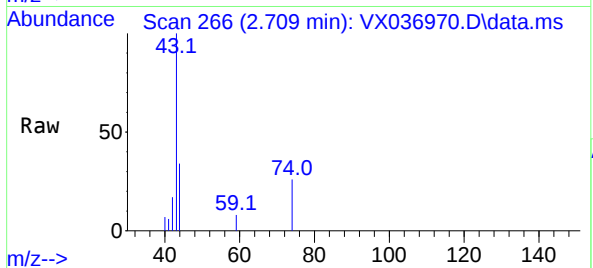




#18
Methyl Acetate
Concen: 0.754 ug/l
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

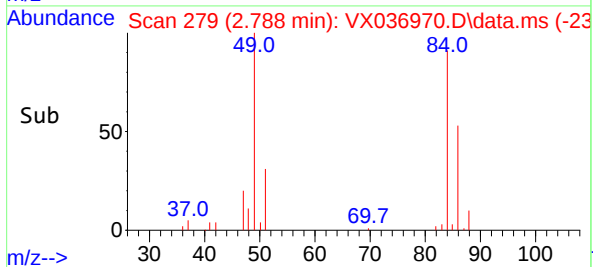
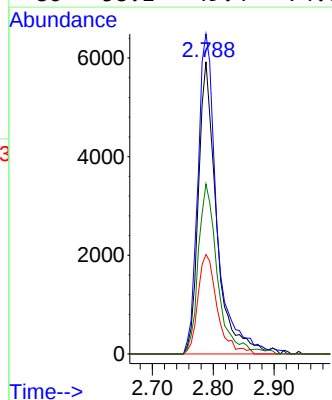
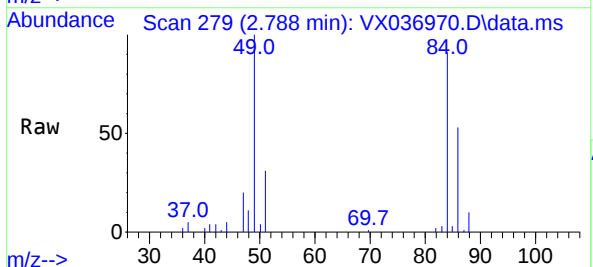
Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

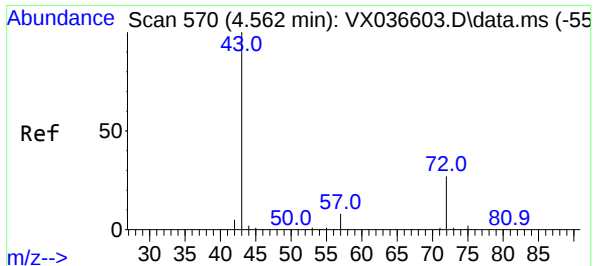
Tgt Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 7.164 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion: 84 Resp: 12380
Ion Ratio Lower Upper
84 100
49 109.5 103.6 155.4
51 34.0 33.8 50.6
86 58.1 49.4 74.0

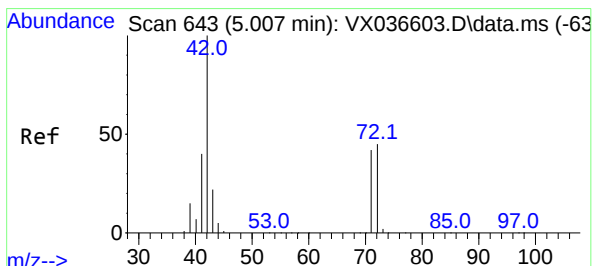
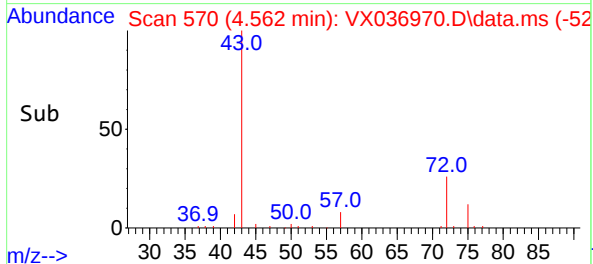
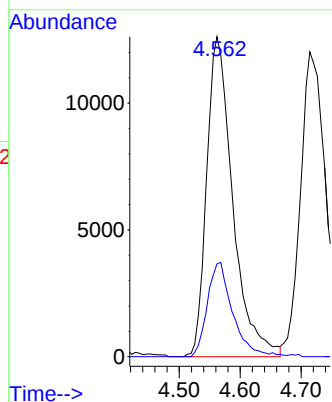
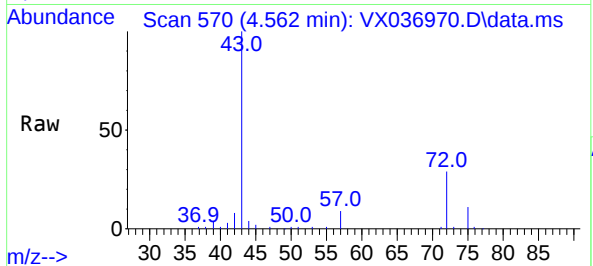




#25
2-Butanone
Concen: 29.732 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

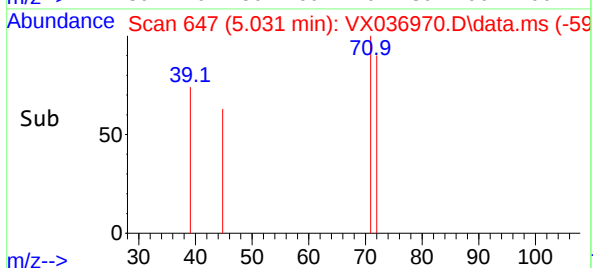
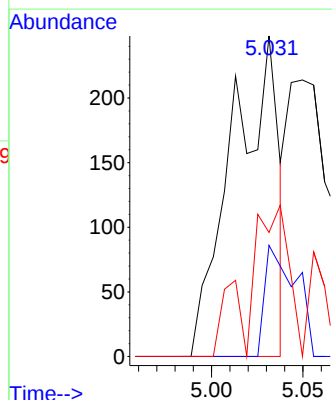
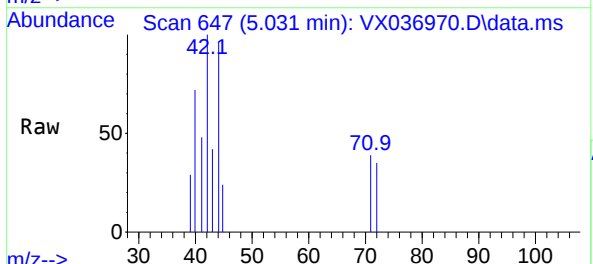
Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

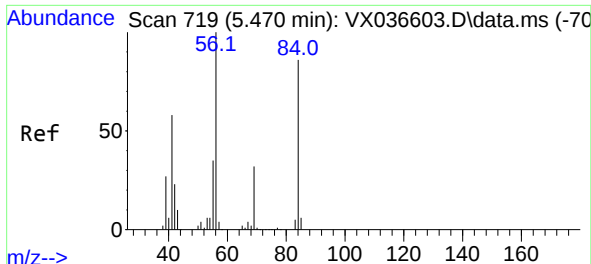
Tgt Ion: 43 Resp: 37481
Ion Ratio Lower Upper
43 100
72 29.0 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.536 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.024 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

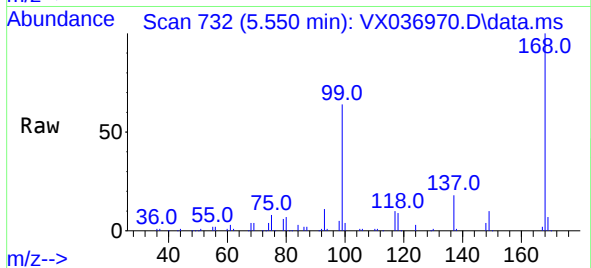
Tgt Ion: 42 Resp: 436
Ion Ratio Lower Upper
42 100
72 23.2 34.2 51.4#
71 41.5 32.2 48.2



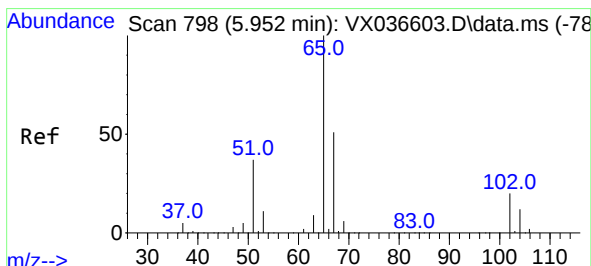
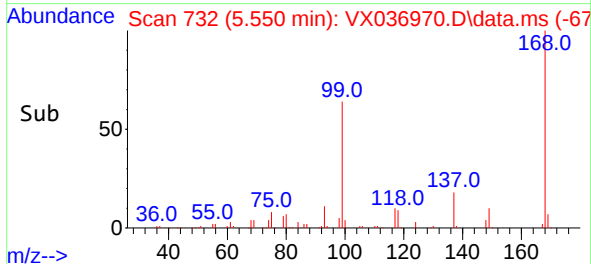
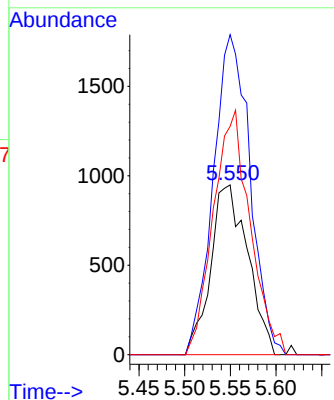


#31
Cyclohexane
Concen: 1.031 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
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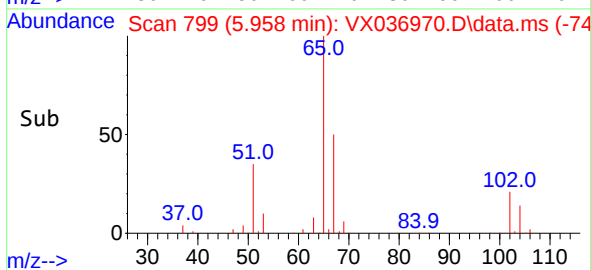
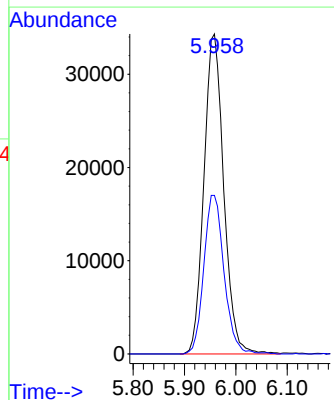
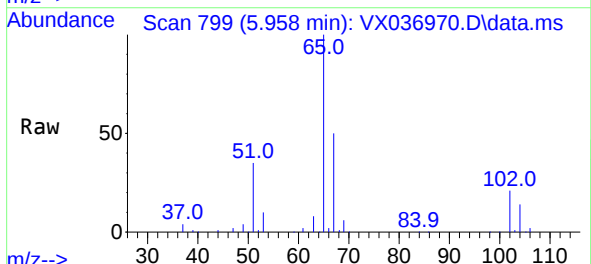


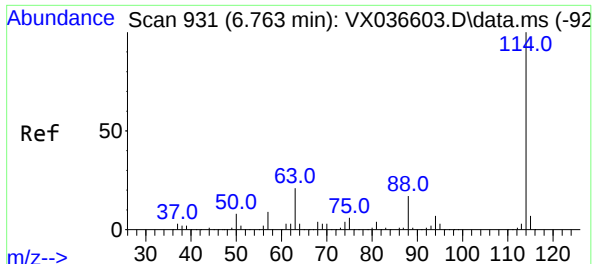
Tgt Ion: 56 Resp: 2674
Ion Ratio Lower Upper
56 100
69 188.5 23.4 35.2#
84 134.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.985 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion: 65 Resp: 91722
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

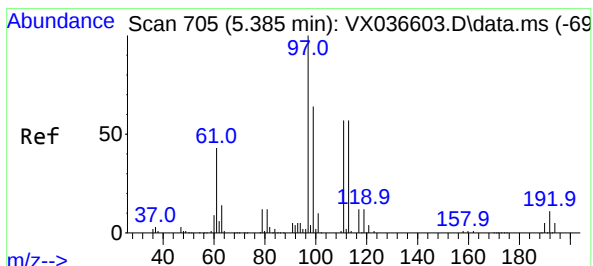
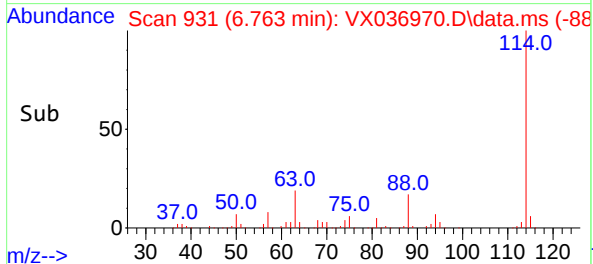
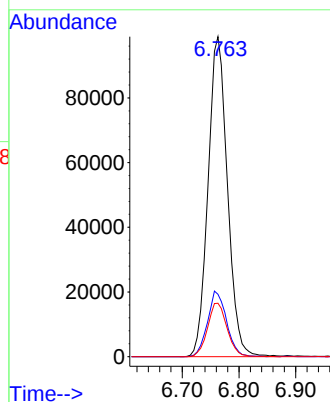
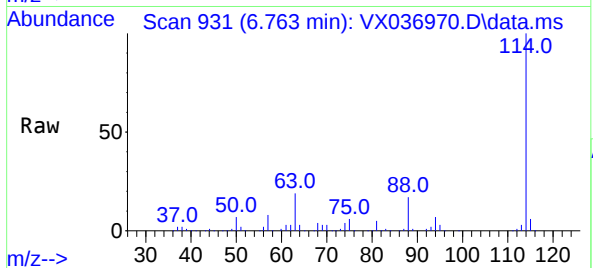




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

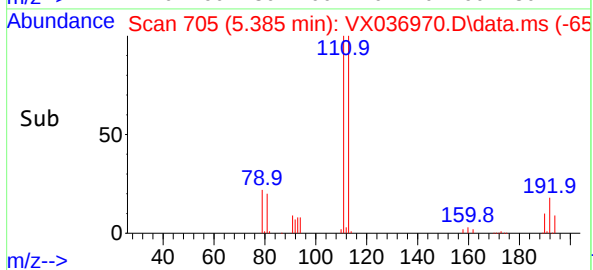
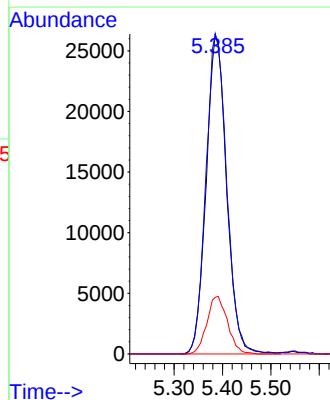
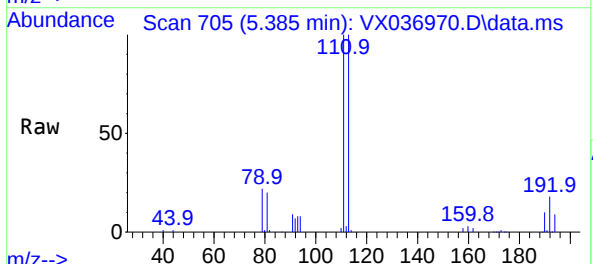
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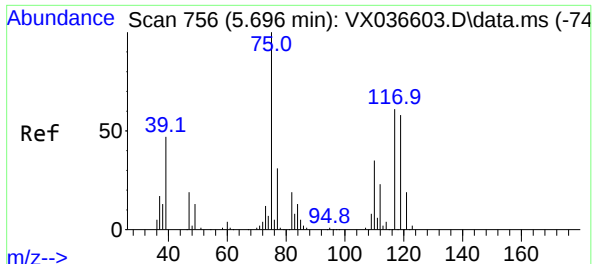
Tgt Ion:114 Resp: 235063
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.840 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion:113 Resp: 77294
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.2 13.3 19.9

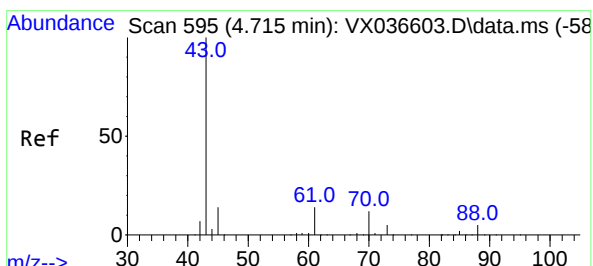
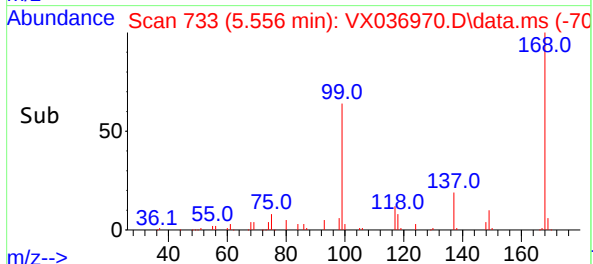
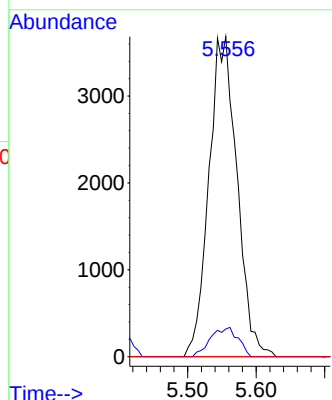
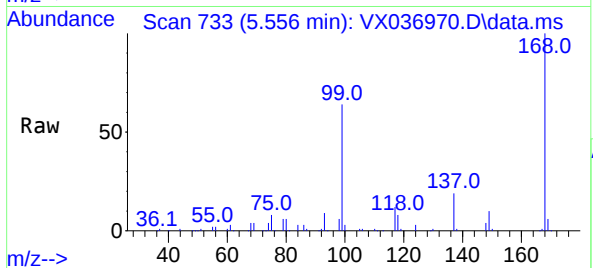




#36
1,1-Dichloropropene
Concen: 4.371 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

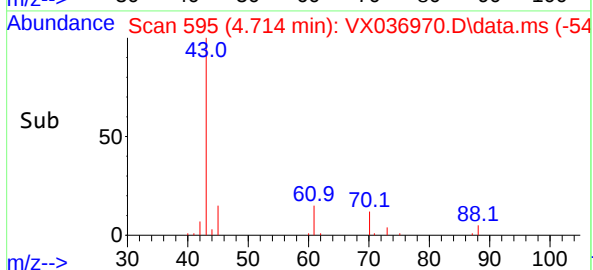
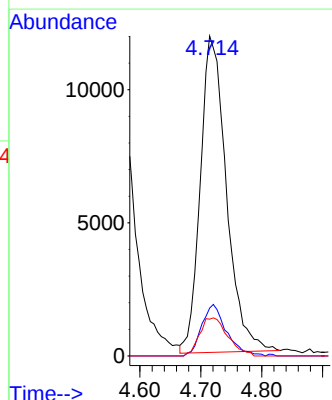
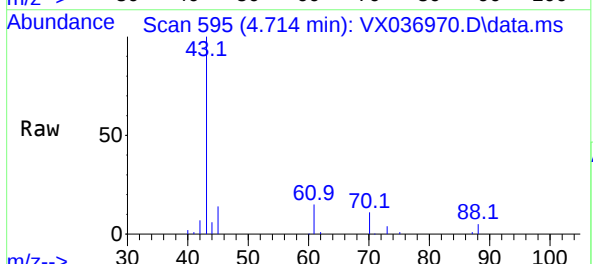
Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

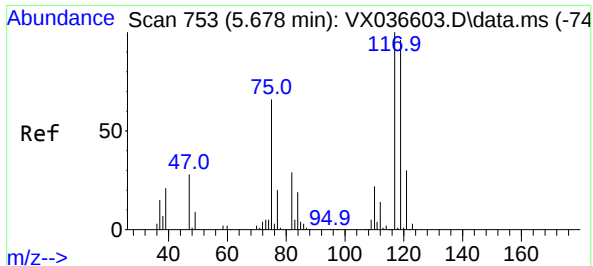
Tgt Ion: 75 Resp: 10526
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 12.984 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

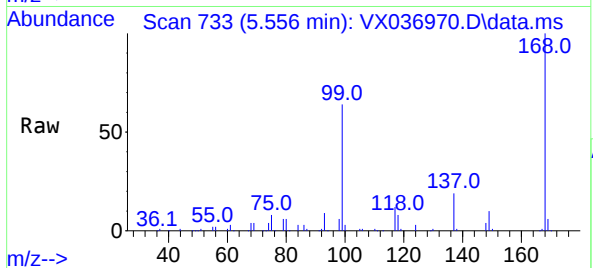
Tgt Ion: 43 Resp: 35391
Ion Ratio Lower Upper
43 100
61 15.5 10.6 16.0
70 13.0 8.3 12.5#



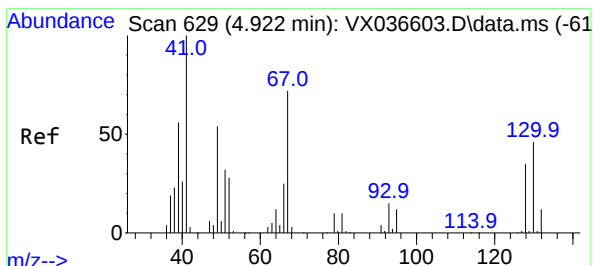
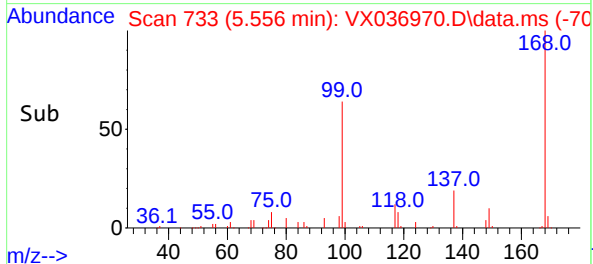
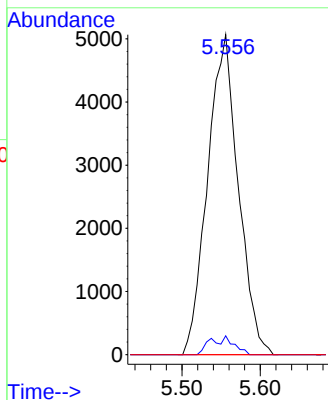


#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

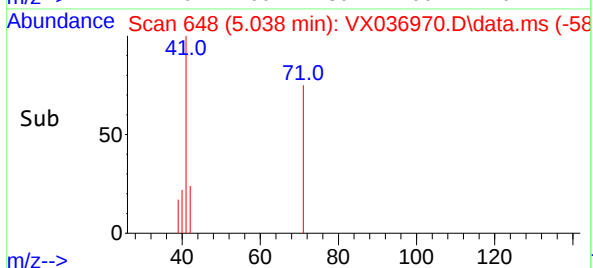
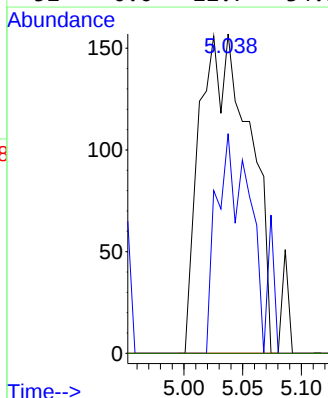
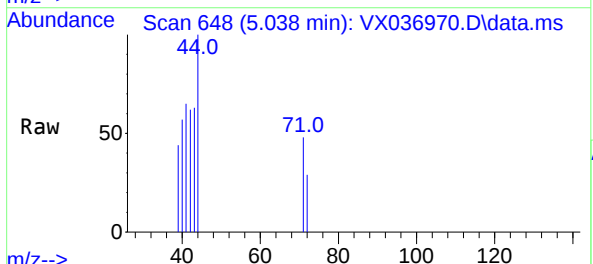


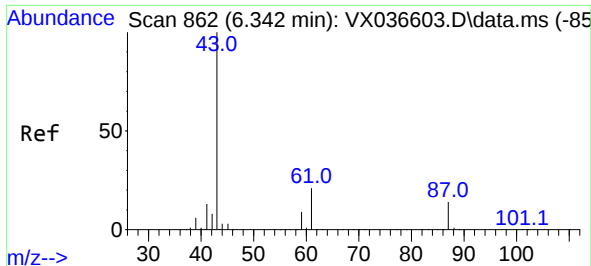
Tgt Ion:117 Resp: 13799
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.321 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.116 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion: 41 Resp: 468
Ion Ratio Lower Upper
41 100
39 48.9 45.2 67.8
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

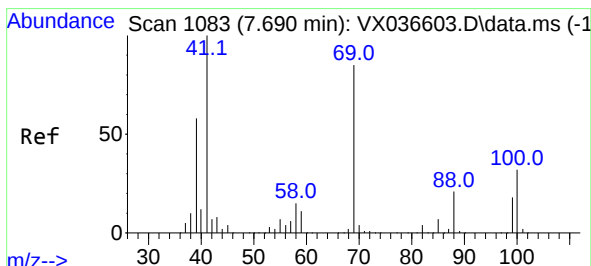
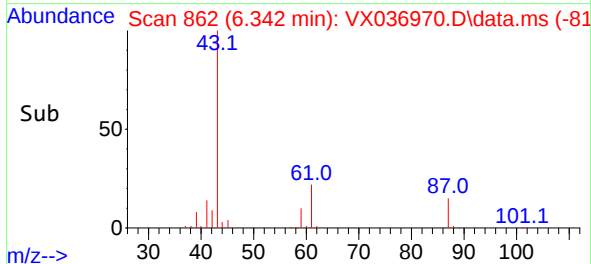
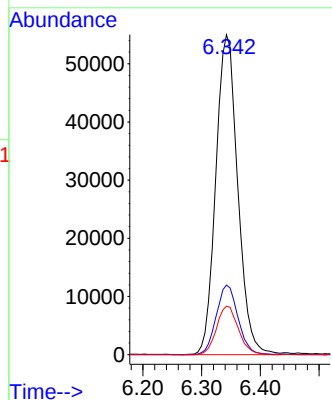
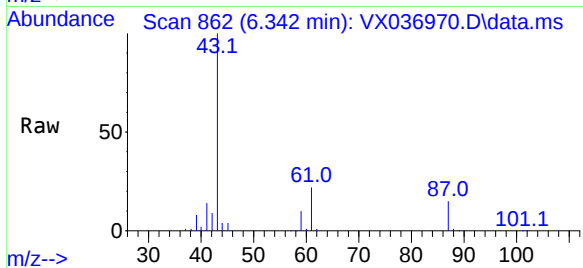




#43
Isopropyl Acetate
Concen: 30.417 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

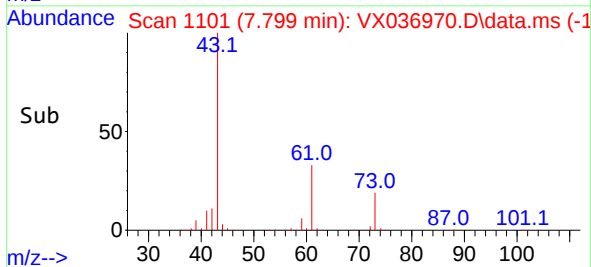
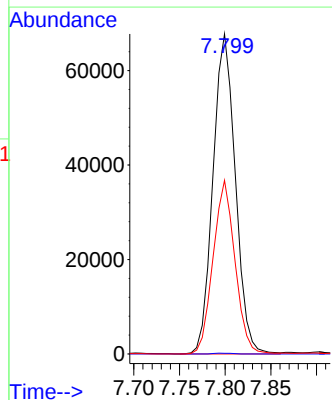
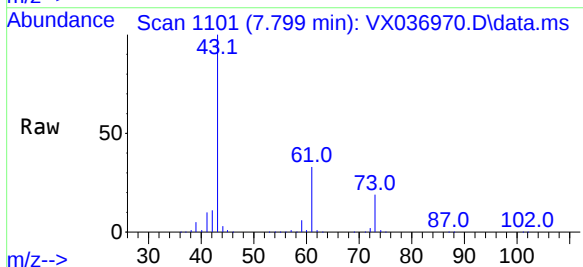
Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

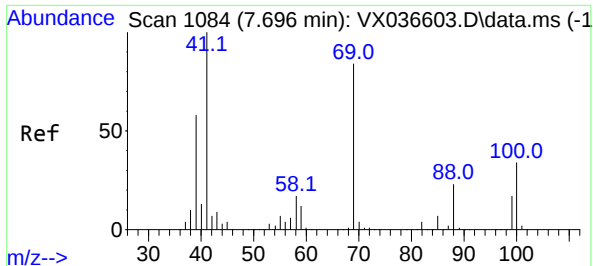
Tgt Ion: 43 Resp: 142712
Ion Ratio Lower Upper
43 100
61 21.6 15.2 22.8
87 15.1 9.8 14.6#



#48
Methyl methacrylate
Concen: 52.973 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion: 41 Resp: 115587
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 53.2 47.7 71.5





#49

1,4-Dioxane

Concen: 5.467 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.097 min

Lab File: VX036970.D

Acq: 14 Aug 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

PB154784TB

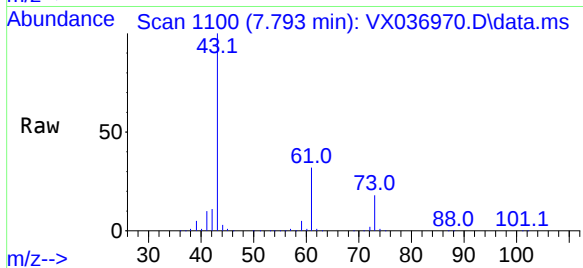
Tgt Ion: 88 Resp: 241

Ion Ratio Lower Upper

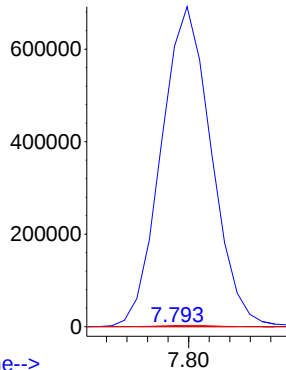
88 100

43 490194.6 0.0 0.0#

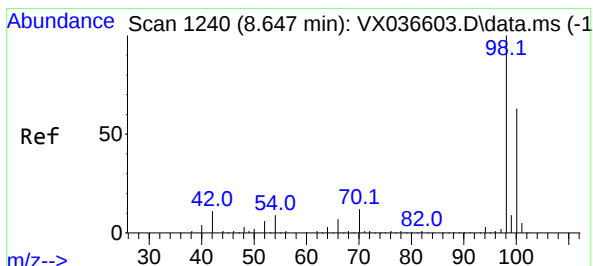
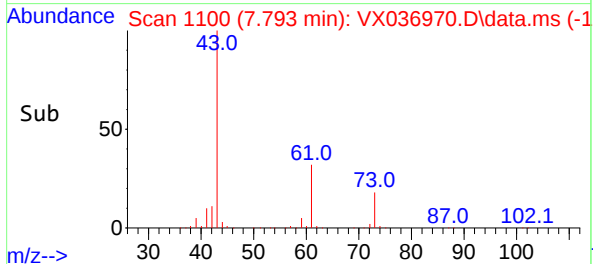
58 2089.2 60.1 90.1#



Abundance



Time-->



#50

Toluene-d8

Concen: 50.096 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036970.D

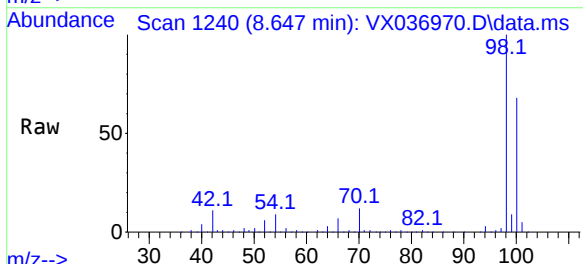
Acq: 14 Aug 2023 17:24

Tgt Ion: 98 Resp: 287028

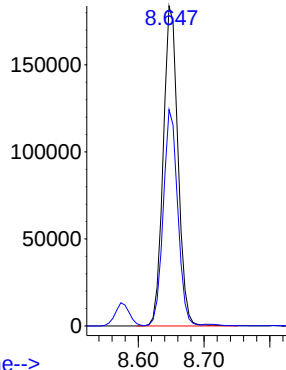
Ion Ratio Lower Upper

98 100

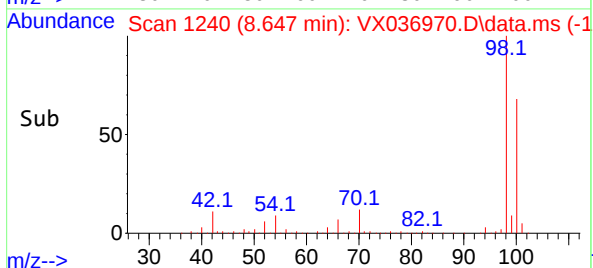
100 65.9 53.1 79.7

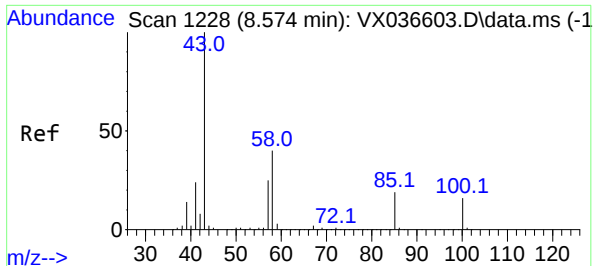


Abundance



Time-->

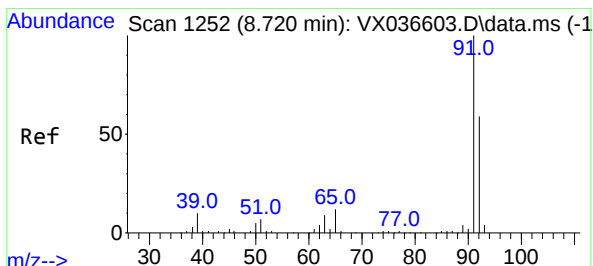
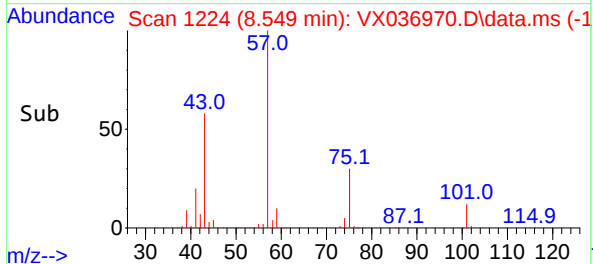
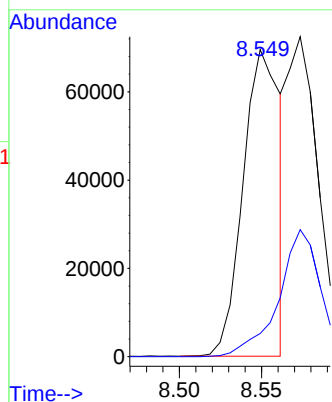
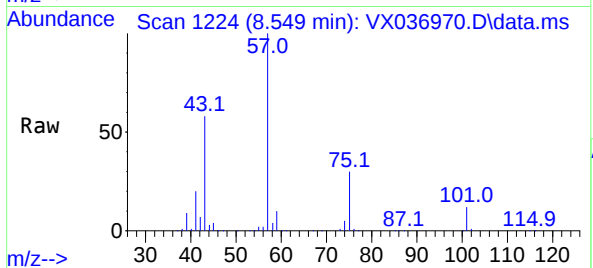




#51
4-Methyl-2-Pentanone
Concen: 41.862 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

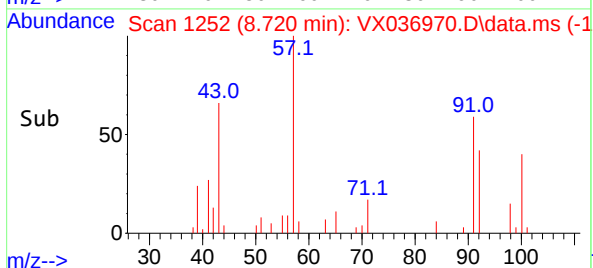
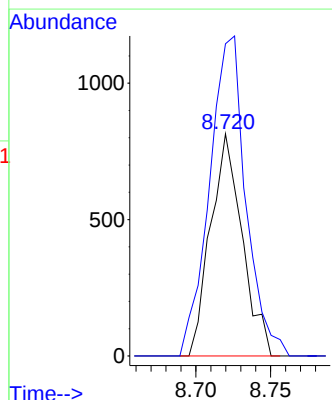
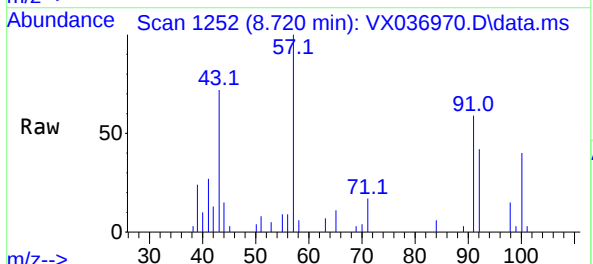
Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

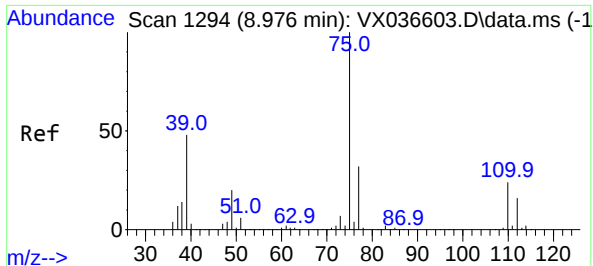
Tgt Ion: 43 Resp: 108694
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#52
Toluene
Concen: 0.272 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion: 92 Resp: 1196
Ion Ratio Lower Upper
92 100
91 166.4 134.2 201.2

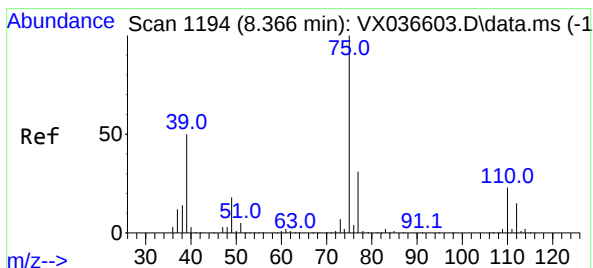
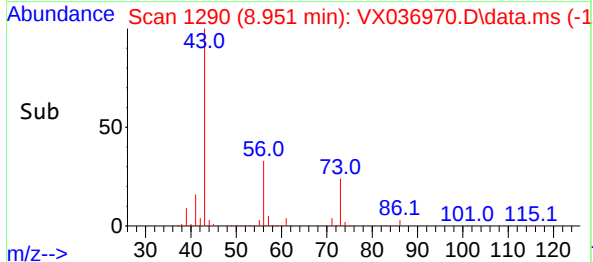
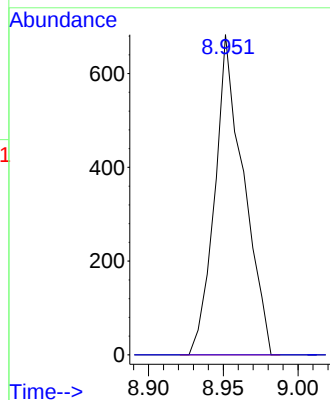
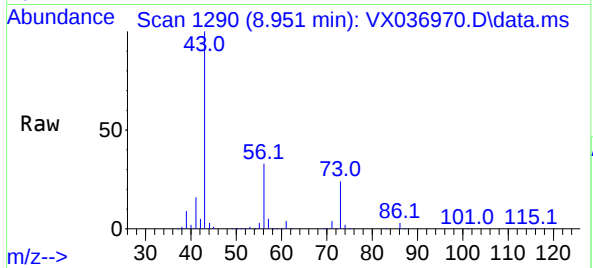




#53
t-1,3-Dichloropropene
Concen: 0.301 ug/l
RT: 8.951 min Scan# 1124
Delta R.T. -0.024 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

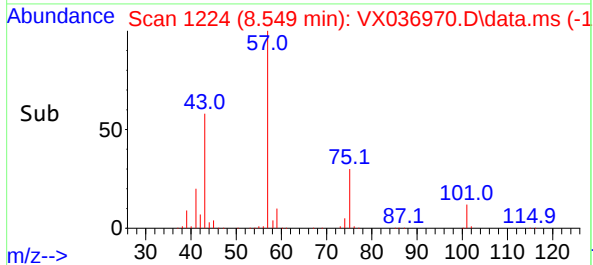
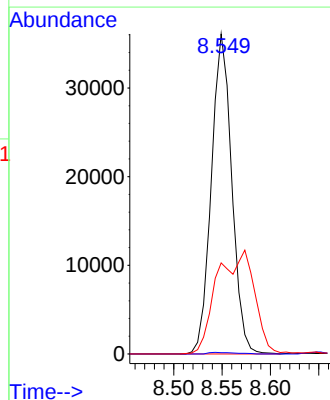
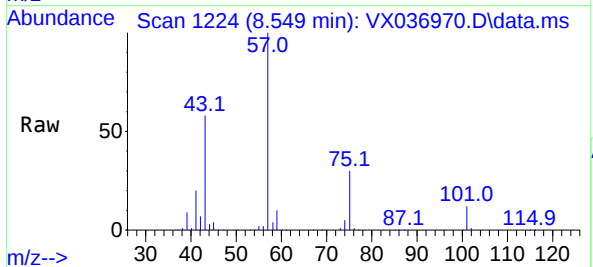
Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

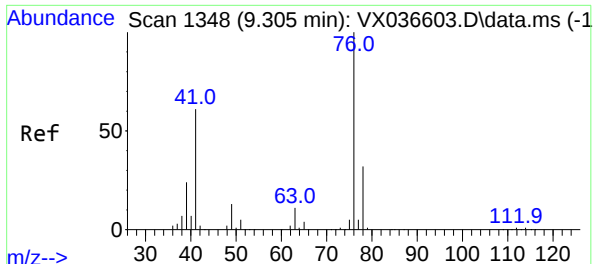
Tgt Ion: 75 Resp: 915
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 16.537 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion: 75 Resp: 53004
Ion Ratio Lower Upper
75 100
77 0.4 25.3 37.9#
39 28.5 46.7 70.1#

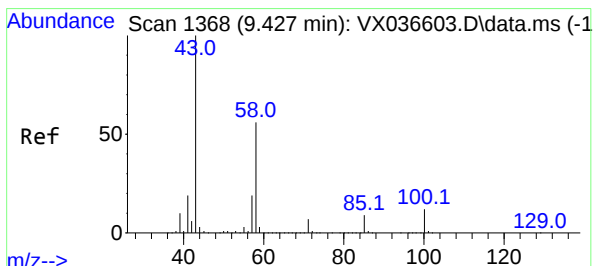
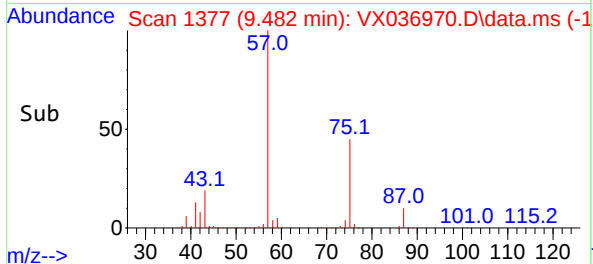
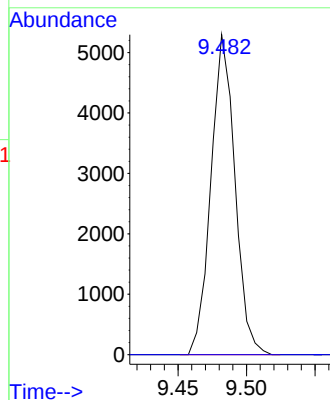
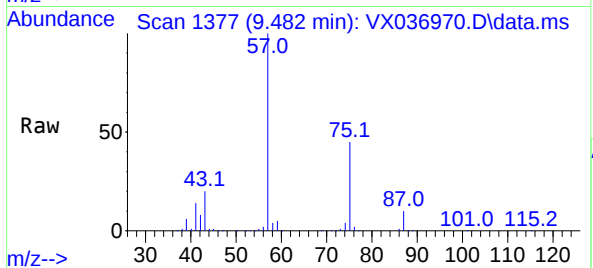




#57
1,3-Dichloropropane
Concen: 2.096 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

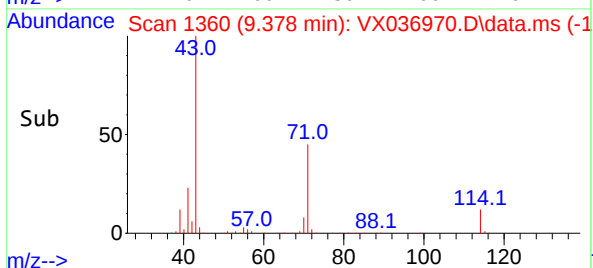
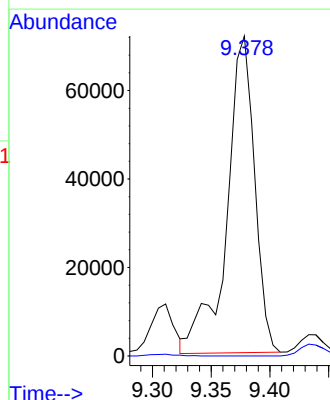
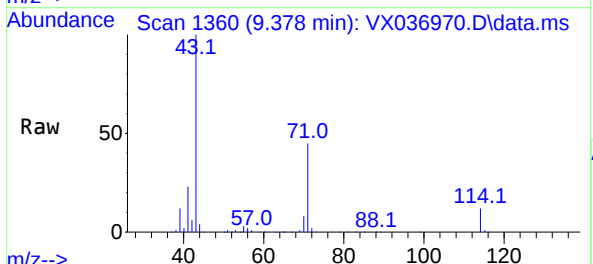
Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

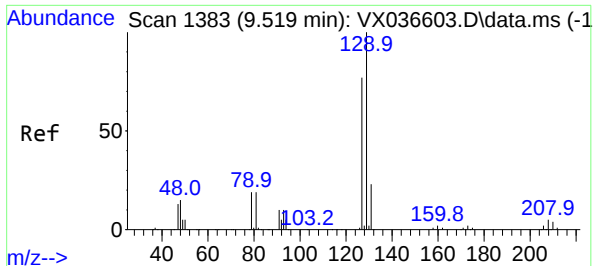
Tgt Ion: 76 Resp: 6444
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 61.425 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion: 43 Resp: 118366
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#





#60

Dibromochloromethane

Concen: 0.325 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX036970.D

Acq: 14 Aug 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

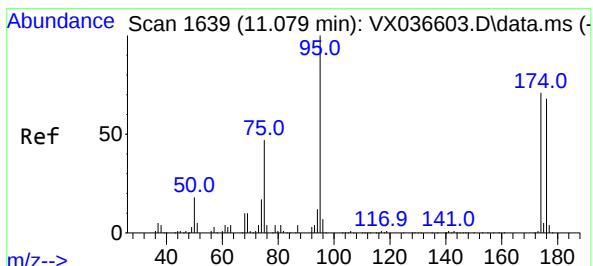
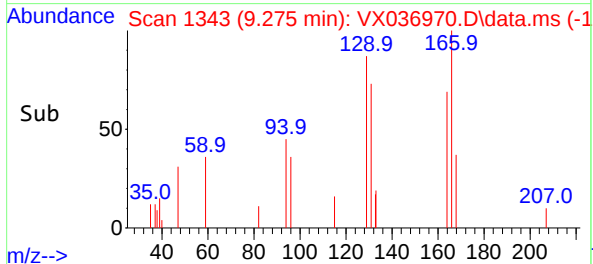
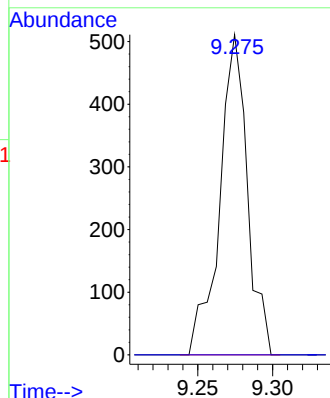
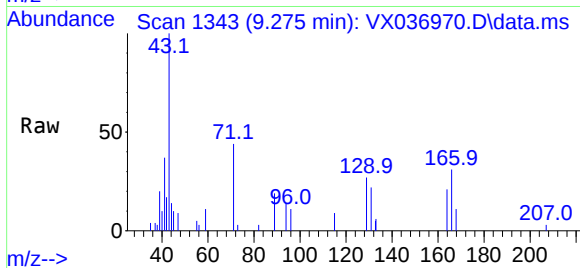
PB154784TB

Tgt Ion:129 Resp: 659

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#



#62

4-Bromofluorobenzene

Concen: 53.458 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036970.D

Acq: 14 Aug 2023 17:24

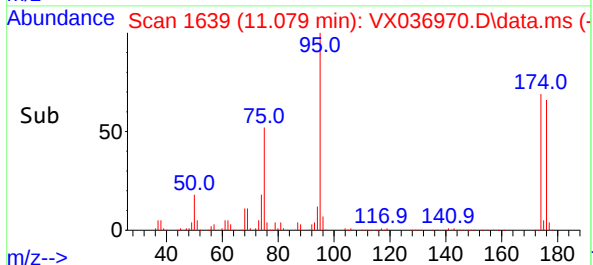
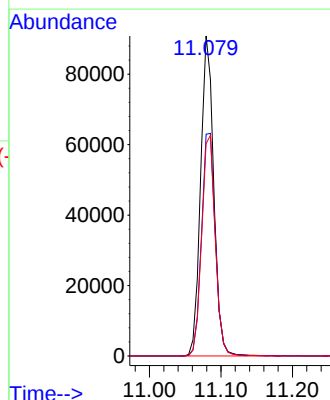
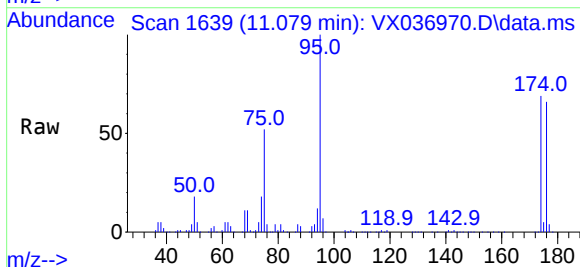
Tgt Ion: 95 Resp: 115559

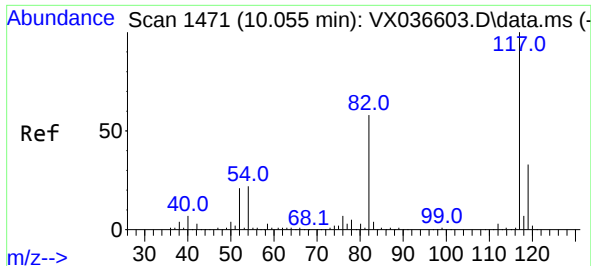
Ion Ratio Lower Upper

95 100

174 73.3 0.0 135.6

176 71.2 0.0 131.0

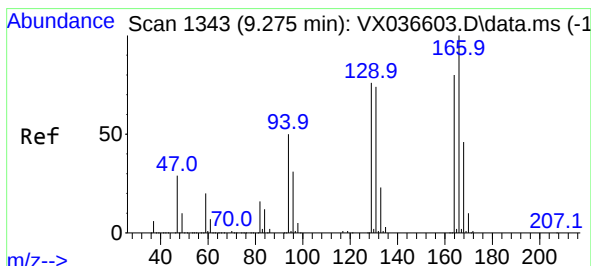
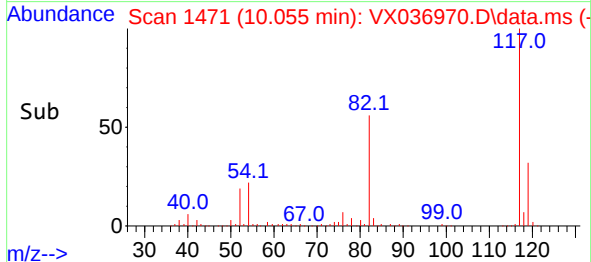
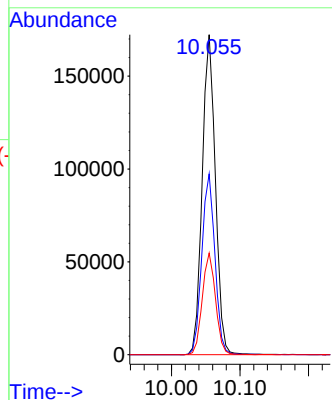
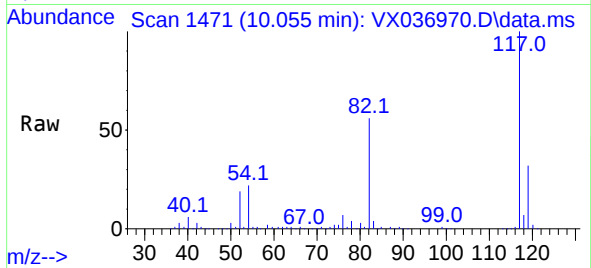




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

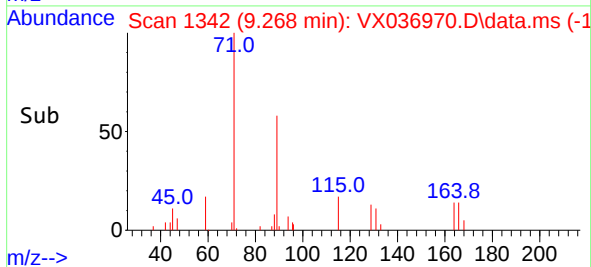
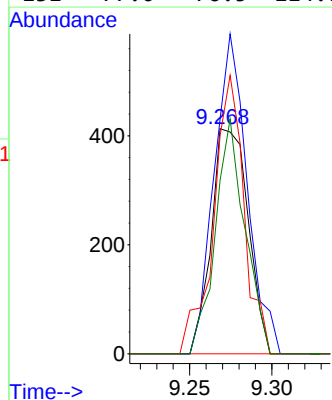
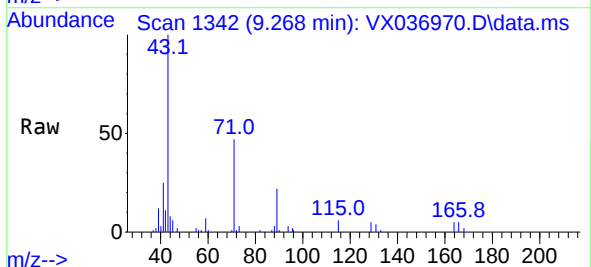
Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

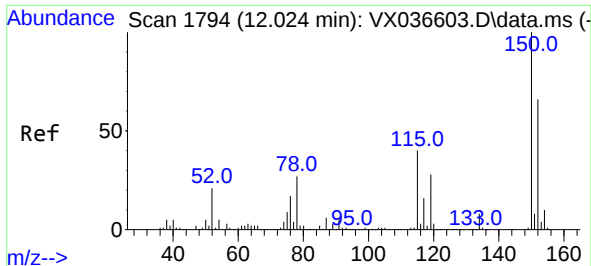
Tgt Ion:117 Resp: 231059
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.373 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion:164 Resp: 642
Ion Ratio Lower Upper
164 100
166 104.1 102.7 154.1
129 96.9 80.4 120.6
131 77.0 76.5 114.7

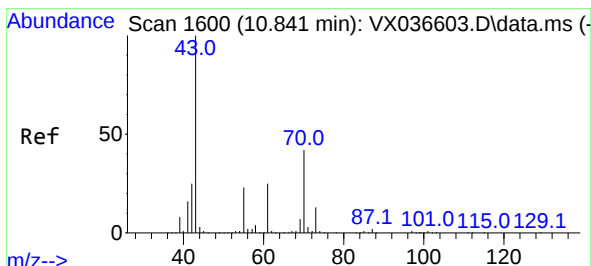
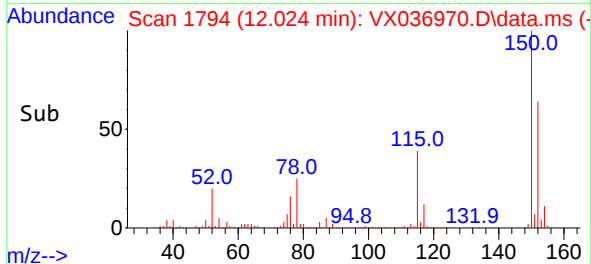
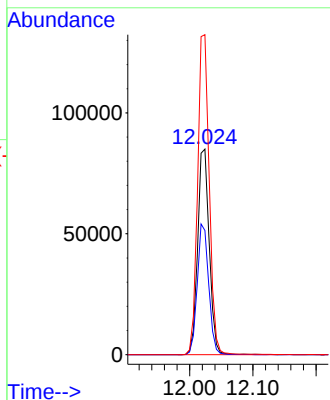
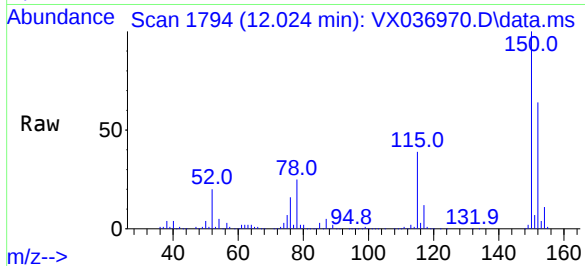




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

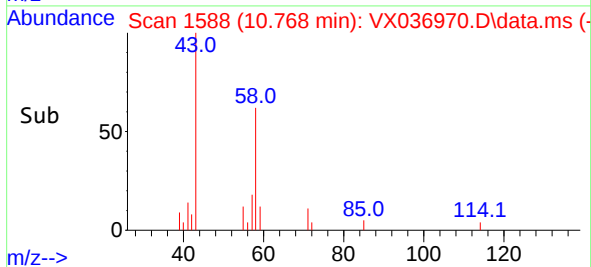
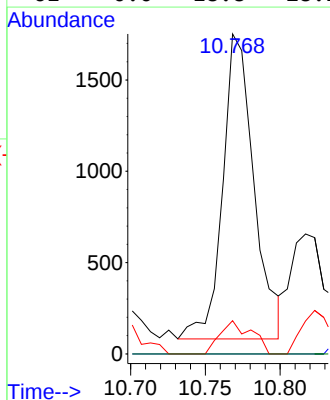
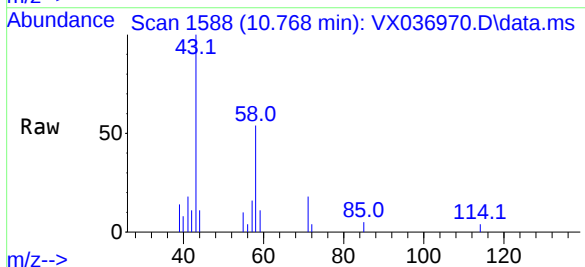
Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

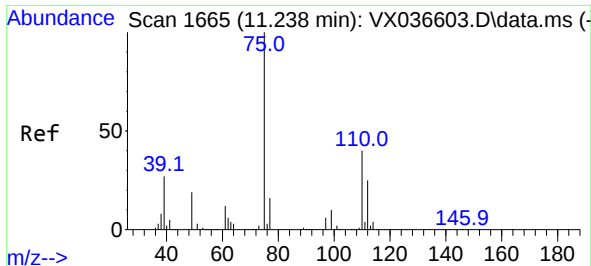
Tgt Ion:152 Resp: 108678
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 155.9 0.0 345.0



#74
N-ethyl acetate
Concen: 0.583 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.073 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion: 43 Resp: 2444
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 10.8 19.3 28.9#
61 0.0 18.8 28.2#

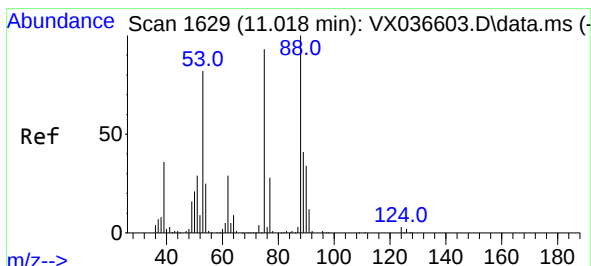
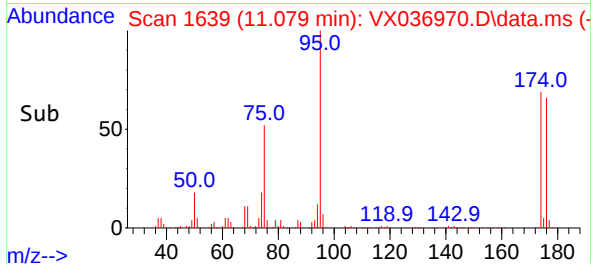
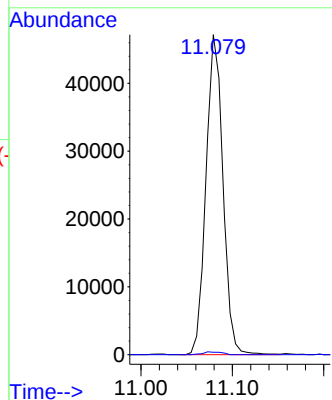
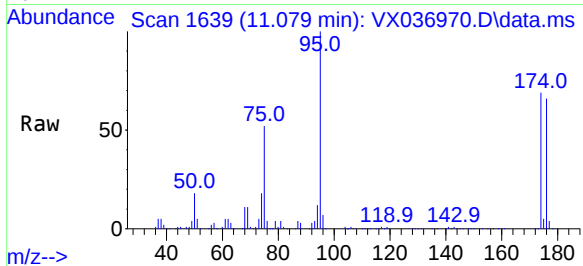




#76
1,2,3-Trichloropropane
Concen: 23.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
PB154784TB

Tgt Ion: 75 Resp: 60593
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.727 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036970.D
Acq: 14 Aug 2023 17:24

Tgt Ion: 75 Resp: 60593
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

