

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034935.D
 Acq On : 03 Apr 2023 16:20
 Operator : JC/MD
 Sample : PB151389TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151389TB

Quant Time: Apr 03 21:39:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	249423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	194356	50.951	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.900%			
35) Dibromofluoromethane	5.385	113	138481	47.927	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.860%			
50) Toluene-d8	8.647	98	532472	49.927	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.860%			
62) 4-Bromofluorobenzene	11.079	95	202370	49.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.060%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.258	50	1621	0.520	ug/l #	42
11) Tert butyl alcohol	2.953	59	624	0.932	ug/l #	73
16) Acetone	2.374	43	48608	31.368	ug/l	93
18) Methyl Acetate	2.697	43	2761	0.501	ug/l	98
20) Methylene Chloride	2.788	84	18399	6.017	ug/l	97
25) 2-Butanone	4.574	43	5514	2.446	ug/l	98
29) Tetrahydrofuran	5.026	42	1461	1.035	ug/l #	67
31) Cyclohexane	5.550	56	5916	1.274	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	21981	5.135	ug/l #	51
37) Ethyl Acetate	4.715	43	68300	15.259	ug/l	98
38) Carbon Tetrachloride	5.550	117	27885	6.909	ug/l #	15
43) Isopropyl Acetate	6.336	43	286072	38.201	ug/l	99
48) Methyl methacrylate	7.793	41	244390	66.453	ug/l #	46
49) 1,4-Dioxane	7.635	88	28	0.369	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	233343	52.650	ug/l #	49
53) t-1,3-Dichloropropene	8.952	75	1613	0.368	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	98618	20.583	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	11496	2.141	ug/l #	43
59) 2-Hexanone	9.482	43	177303	52.892	ug/l #	51
74) N-amyl acetate	10.640	43	64436	10.917	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	107303	29.715	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	107303	89.053	ug/l #	8

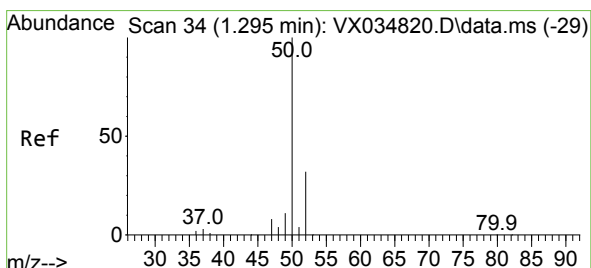
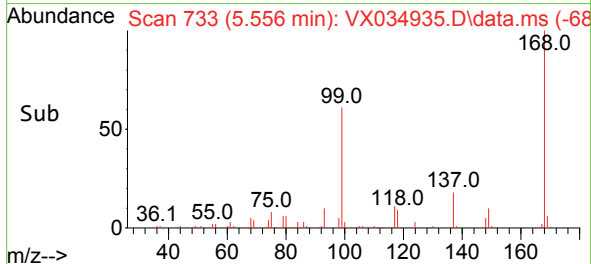
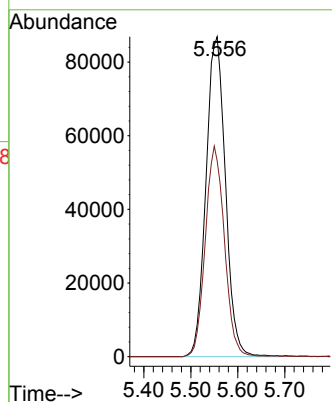
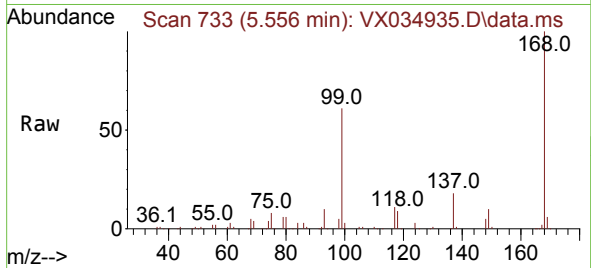
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

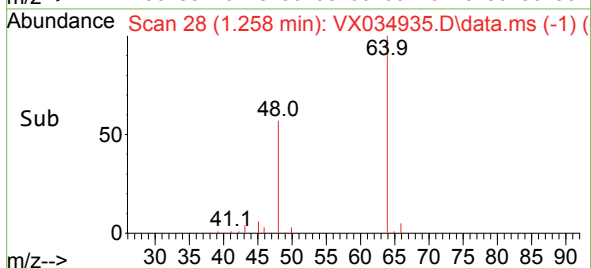
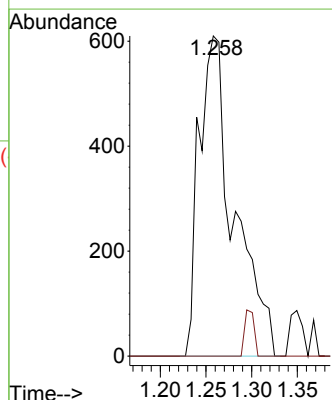
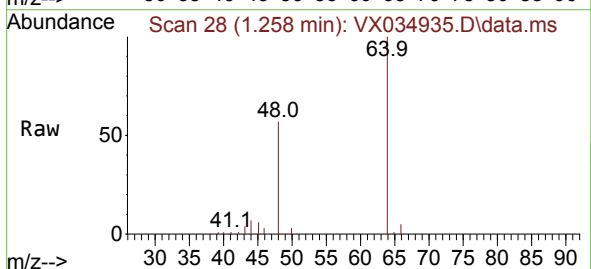
Instrument :
MSVOA_X
ClientSampleId :
PB151389TB

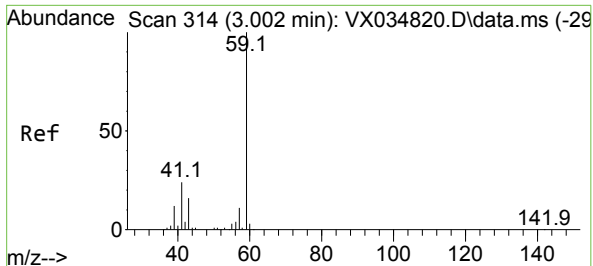
Tgt Ion:168 Resp: 249423
Ion Ratio Lower Upper
168 100
99 61.2 45.7 68.5



#3
Chloromethane
Concen: 0.520 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.036 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Tgt Ion: 50 Resp: 1621
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.932 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.049 min

Lab File: VX034935.D

Acq: 03 Apr 2023 16:20

Instrument :

MSVOA_X

ClientSampleId :

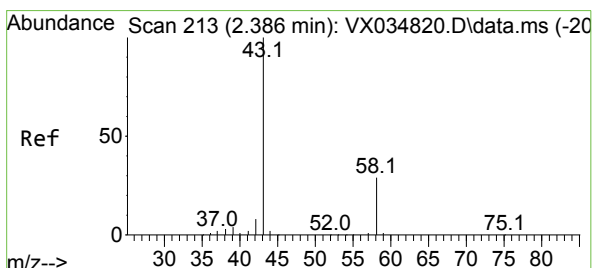
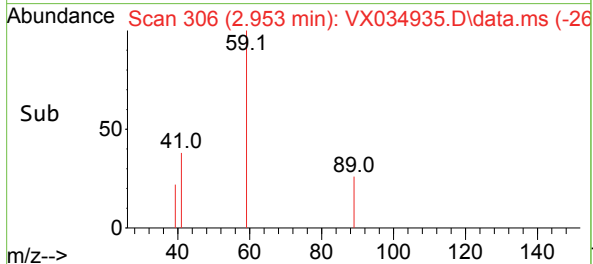
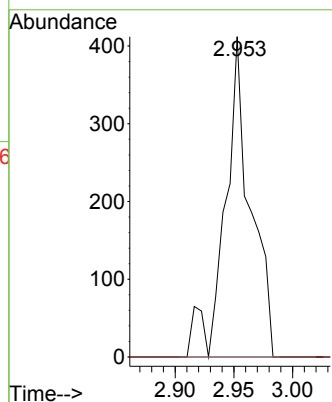
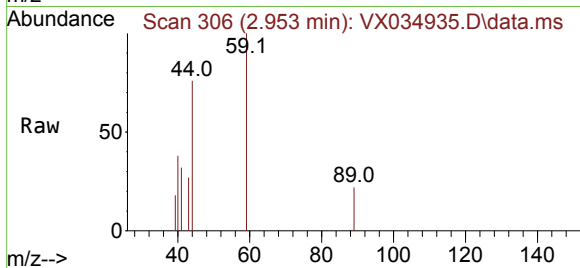
PB151389TB

Tgt Ion: 59 Resp: 624

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 31.368 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.012 min

Lab File: VX034935.D

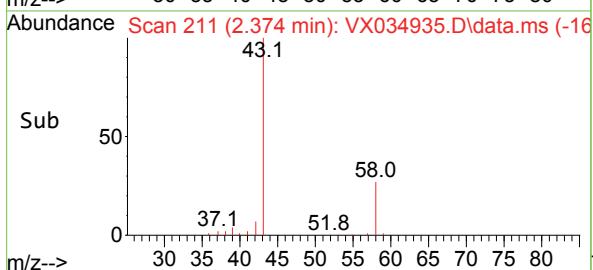
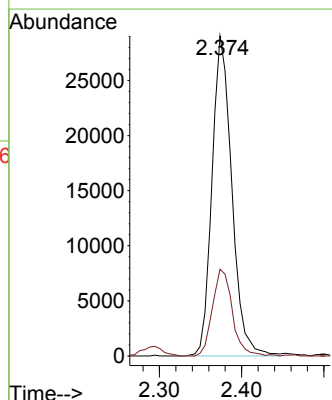
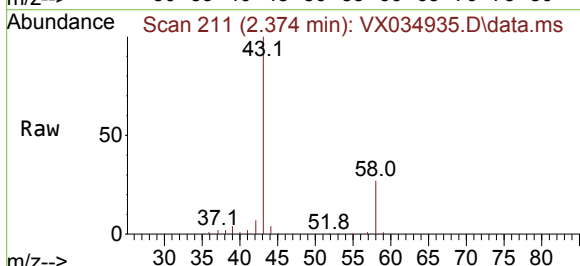
Acq: 03 Apr 2023 16:20

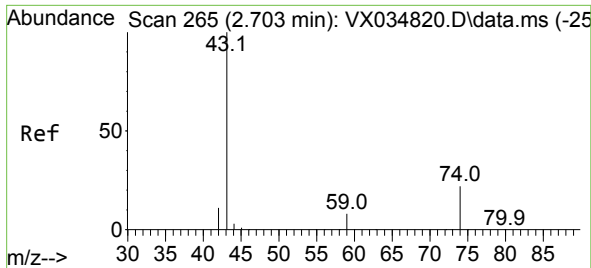
Tgt Ion: 43 Resp: 48608

Ion Ratio Lower Upper

43 100

58 27.1 24.7 37.1

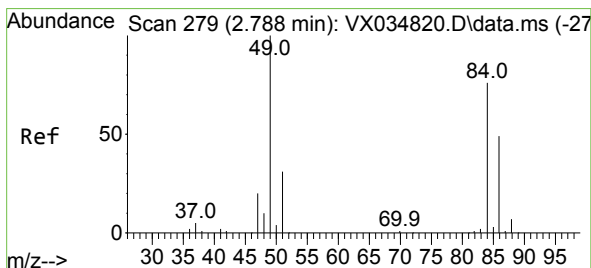
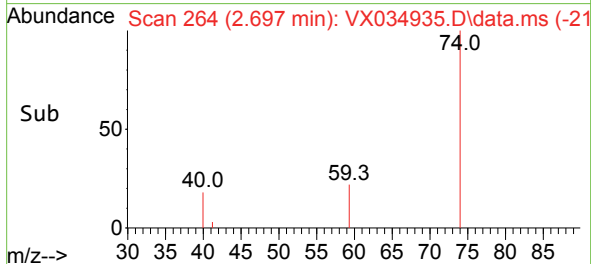
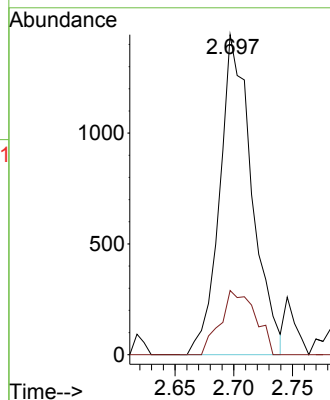
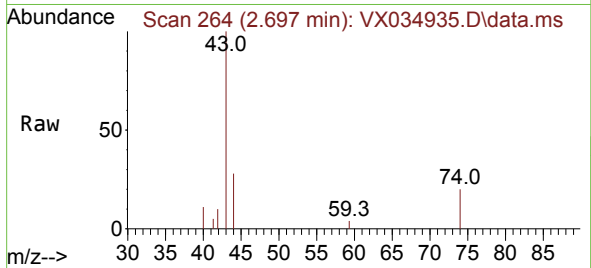




#18
Methyl Acetate
Concen: 0.501 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

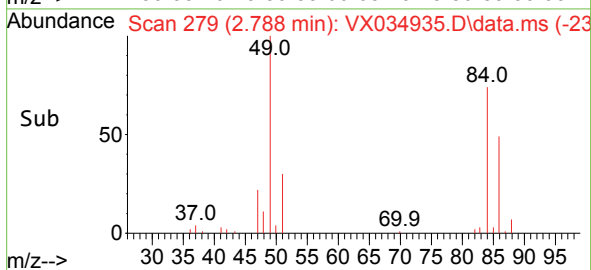
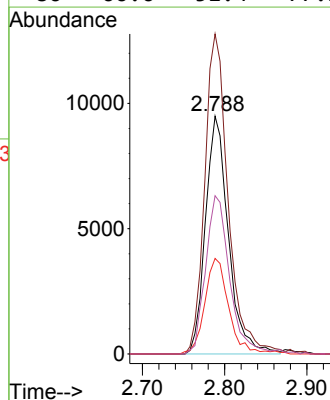
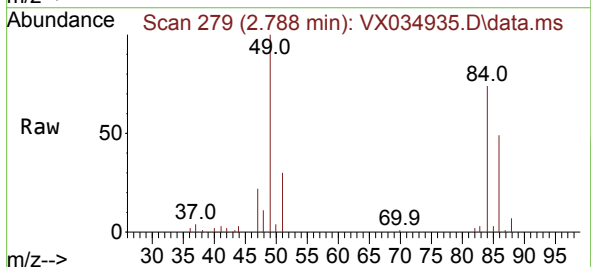
Instrument :
MSVOA_X
ClientSampleId :
PB151389TB

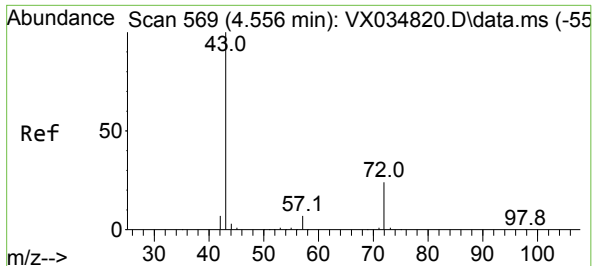
Tgt Ion: 43 Resp: 2761
Ion Ratio Lower Upper
43 100
74 21.8 18.3 27.5



#20
Methylene Chloride
Concen: 6.017 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Tgt Ion: 84 Resp: 18399
Ion Ratio Lower Upper
84 100
49 134.6 103.8 155.8
51 40.2 31.8 47.8
86 66.6 51.4 77.2

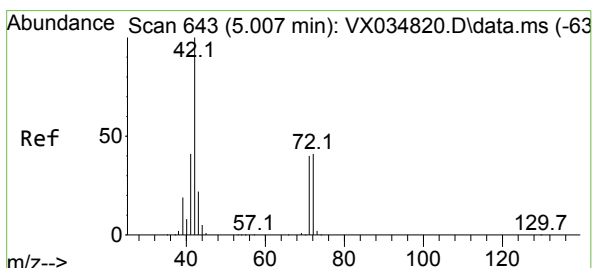
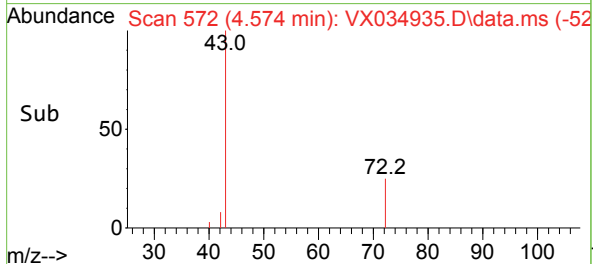
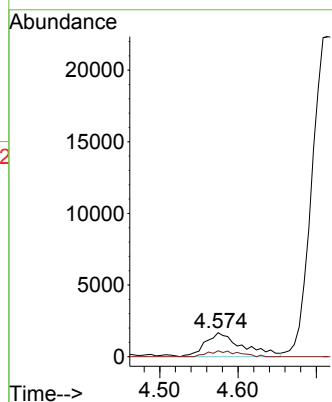
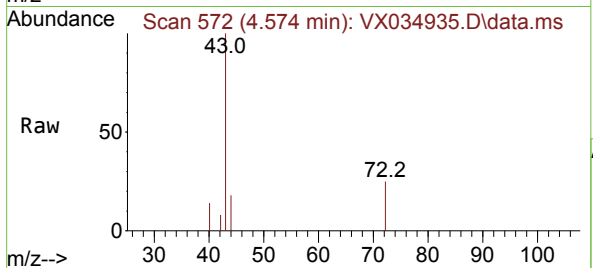




#25
2-Butanone
Concen: 2.446 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

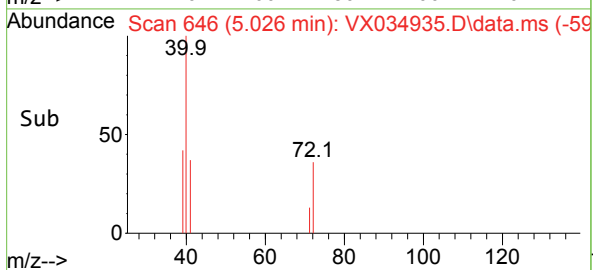
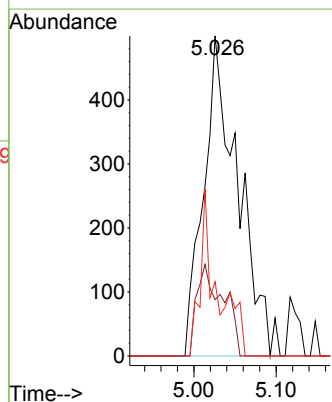
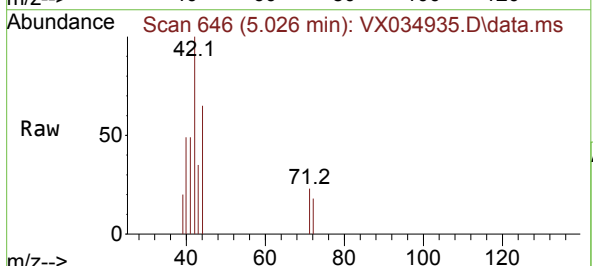
Instrument :
MSVOA_X
ClientSampleId :
PB151389TB

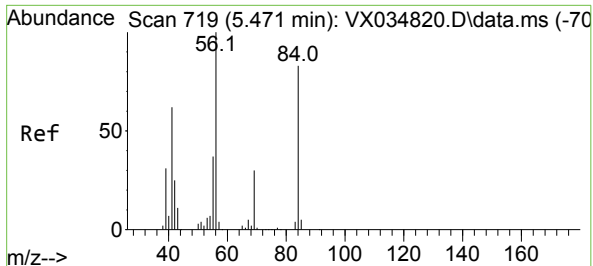
Tgt Ion: 43 Resp: 5514
Ion Ratio Lower Upper
43 100
72 24.9 19.3 28.9



#29
Tetrahydrofuran
Concen: 1.035 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

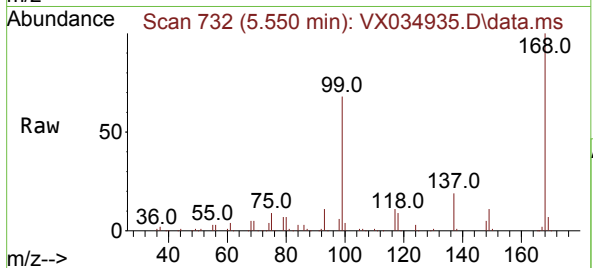
Tgt Ion: 42 Resp: 1461
Ion Ratio Lower Upper
42 100
72 21.8 34.5 51.7#
71 19.2 32.1 48.1#



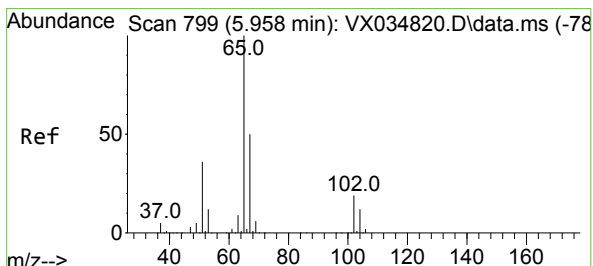
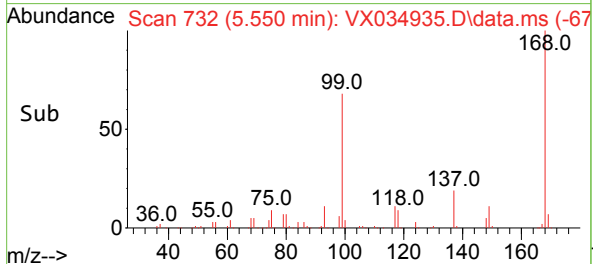
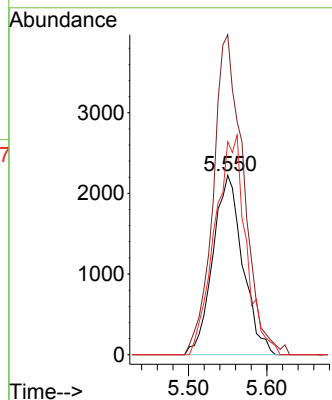


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Instrument :
MSVOA_X
ClientSampleId :
PB151389TB

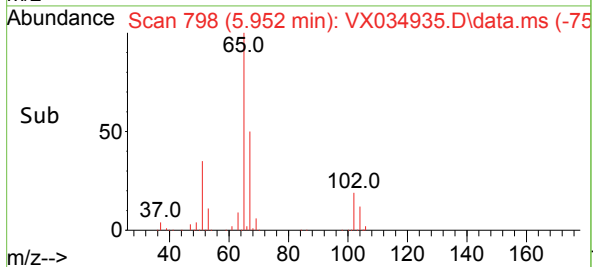
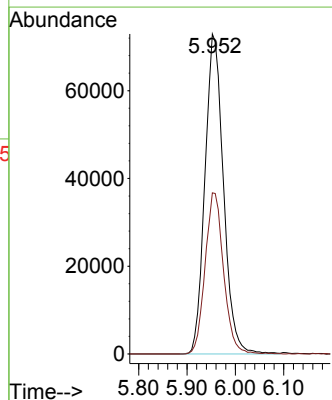
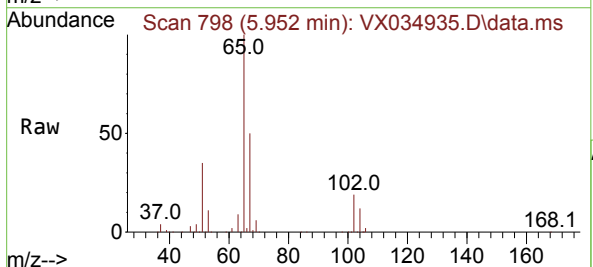


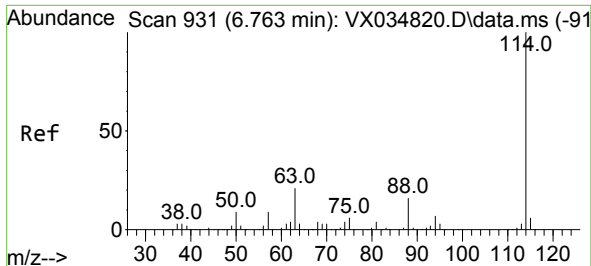
Tgt Ion: 56 Resp: 5916
Ion Ratio Lower Upper
56 100
69 178.4 23.7 35.5#
84 118.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.951 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Tgt Ion: 65 Resp: 194356
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.0

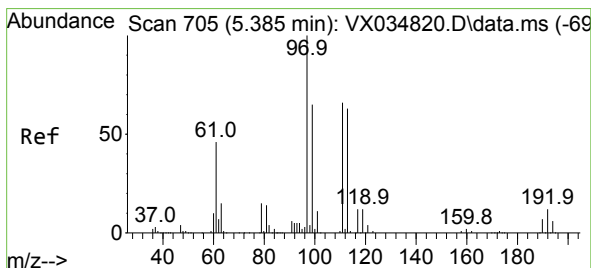
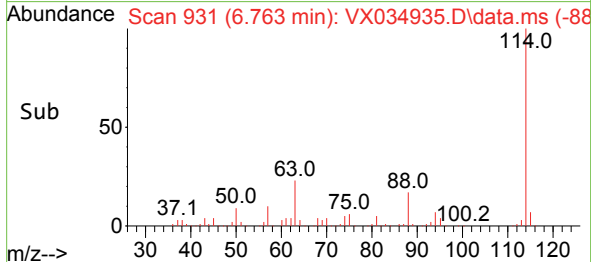
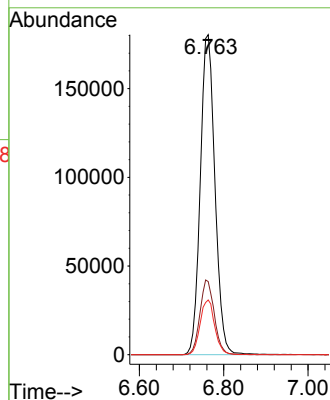
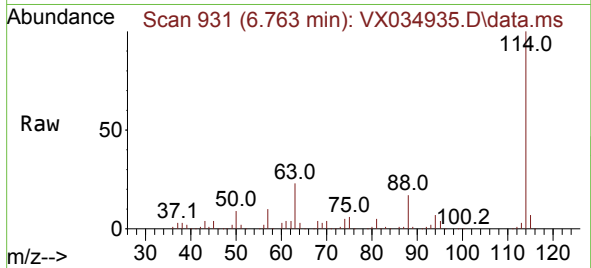




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

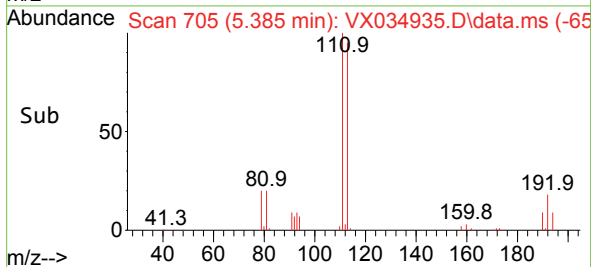
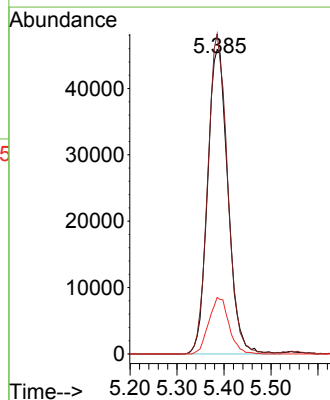
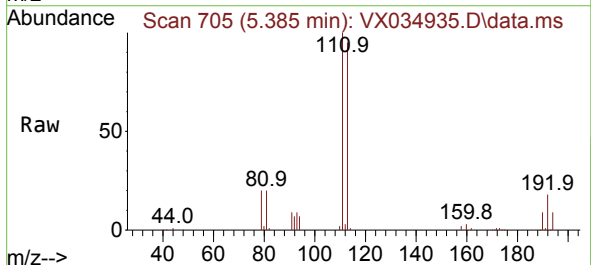
Instrument :
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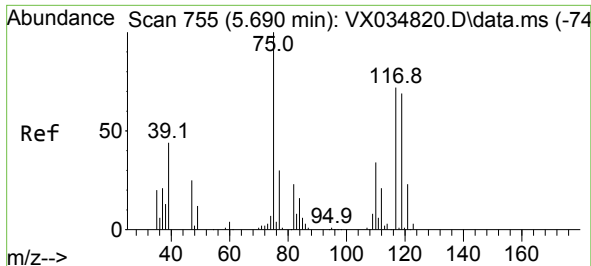
Tgt Ion:114 Resp: 436853
Ion Ratio Lower Upper
114 100
63 22.9 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.927 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

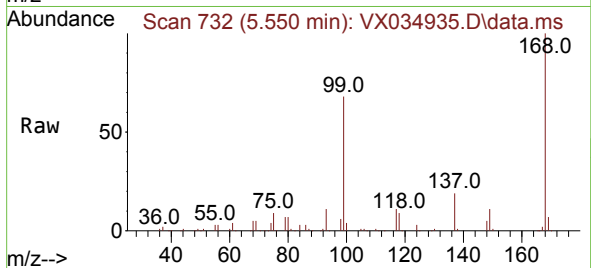
Tgt Ion:113 Resp: 138481
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 18.3 15.4 23.2



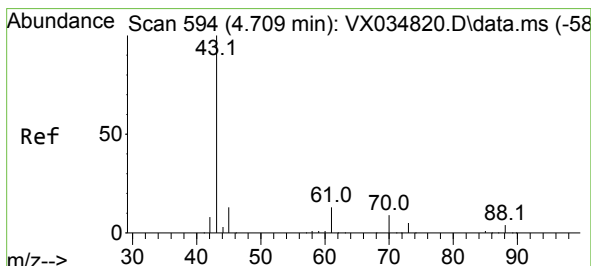
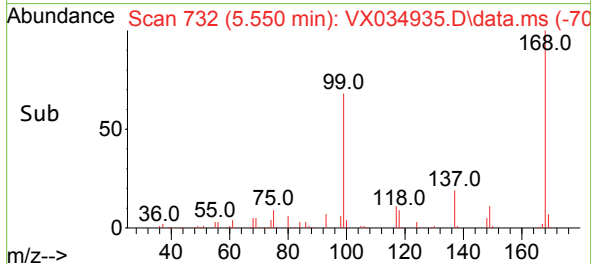
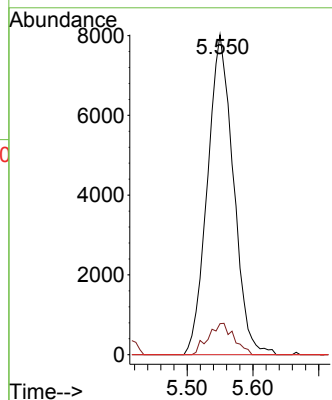


#36
1,1-Dichloropropene
Concen: 5.135 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Instrument :
MSVOA_X
ClientSampleId :
PB151389TB

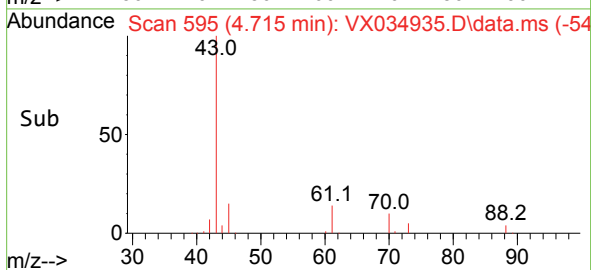
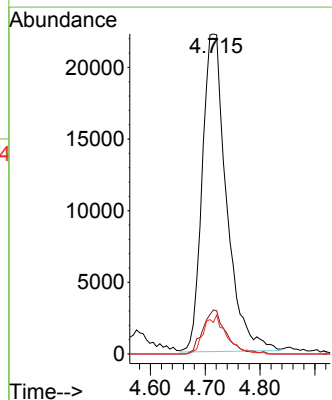
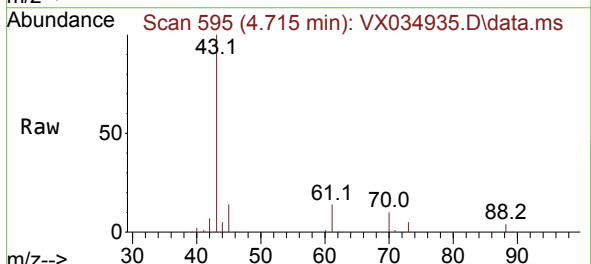


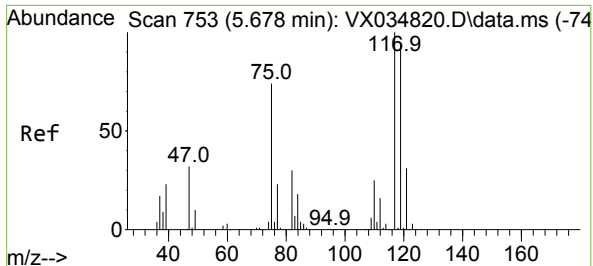
Tgt Ion: 75 Resp: 21981
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 15.259 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

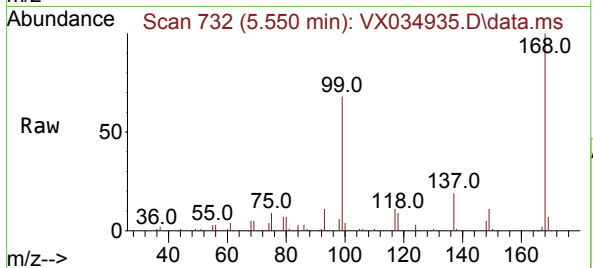
Tgt Ion: 43 Resp: 68300
Ion Ratio Lower Upper
43 100
61 13.4 10.2 15.4
70 11.4 8.2 12.4



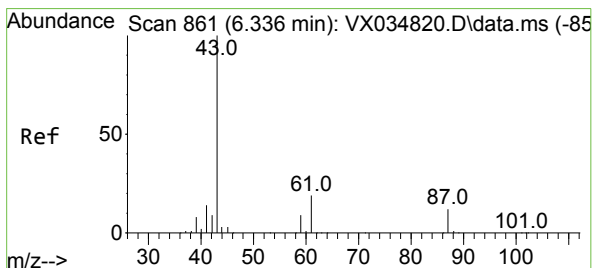
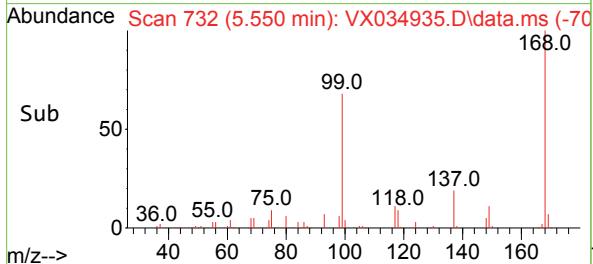
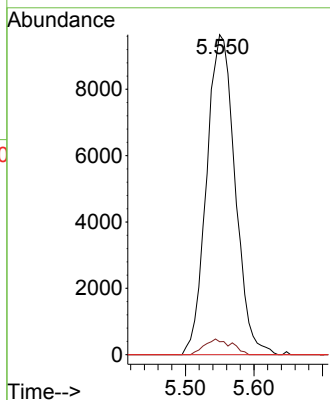


#38
Carbon Tetrachloride
Concen: 6.909 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Instrument :
MSVOA_X
ClientSampleId :
PB151389TB

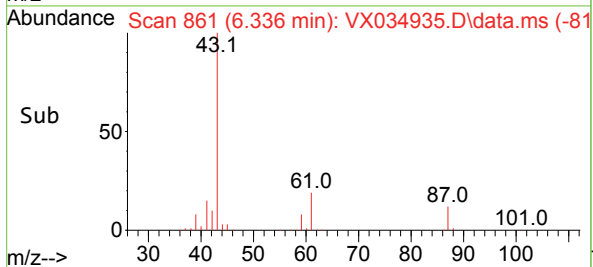
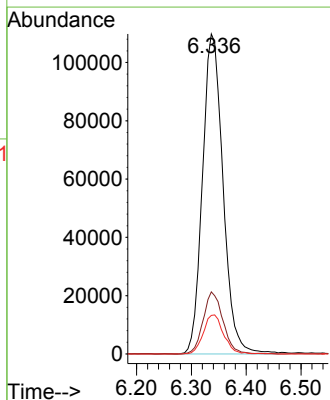
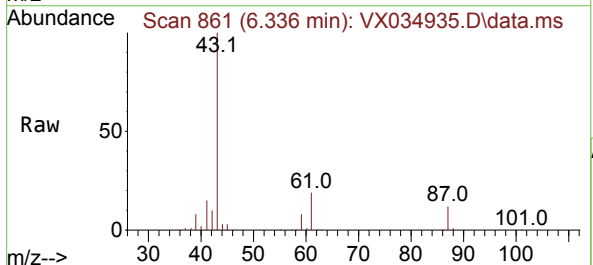


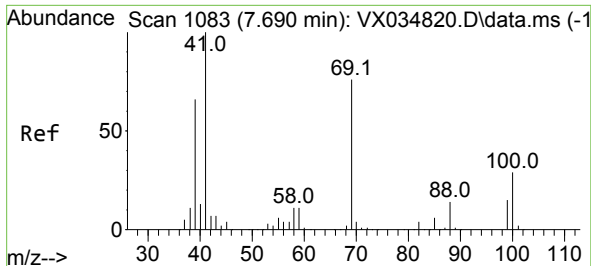
Tgt Ion:117 Resp: 27885
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 38.201 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Tgt Ion: 43 Resp: 286072
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 12.0 9.8 14.8





#48

Methyl methacrylate

Concen: 66.453 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.104 min

Lab File: VX034935.D

Acq: 03 Apr 2023 16:20

Instrument :

MSVOA_X

ClientSampleId :

PB151389TB

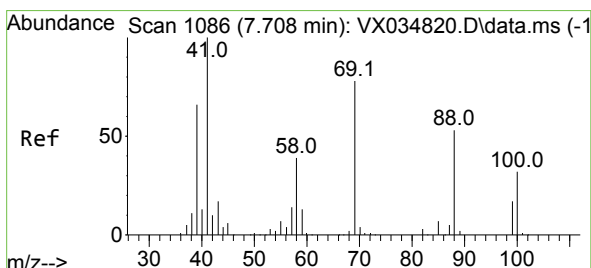
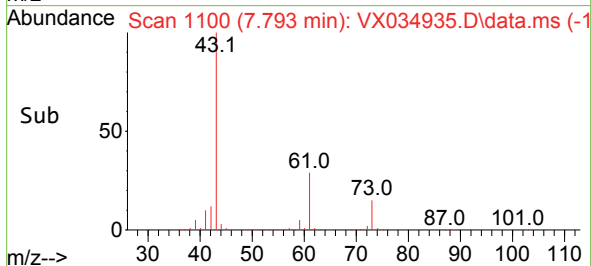
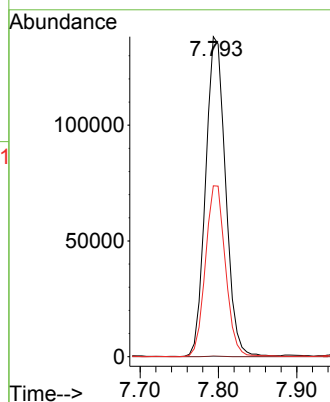
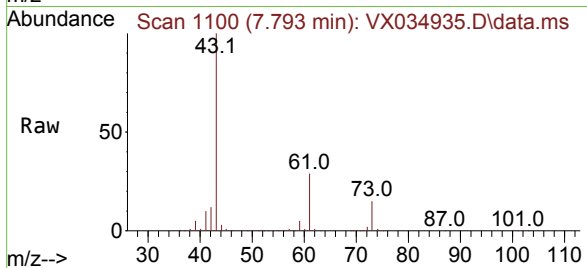
Tgt Ion: 41 Resp: 244390

Ion Ratio Lower Upper

41 100

69 0.1 62.2 93.4#

39 53.8 47.7 71.5



#49

1,4-Dioxane

Concen: 0.369 ug/l

RT: 7.635 min Scan# 1074

Delta R.T. -0.073 min

Lab File: VX034935.D

Acq: 03 Apr 2023 16:20

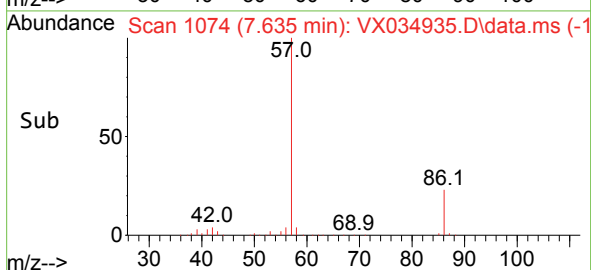
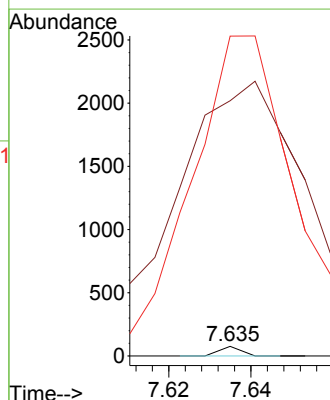
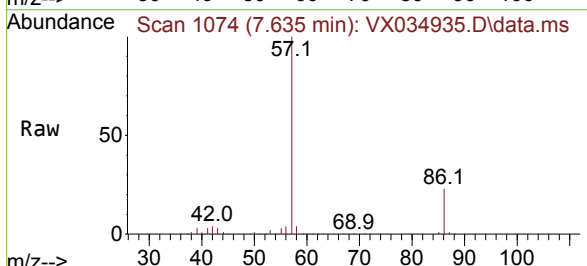
Tgt Ion: 88 Resp: 28

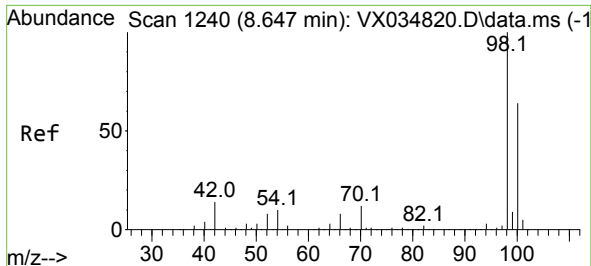
Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 16035.7 56.8 85.2#

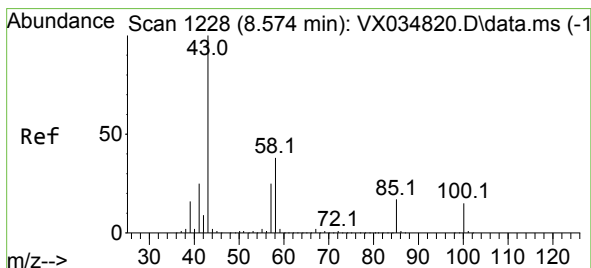
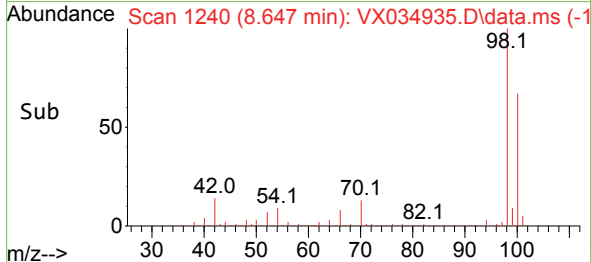
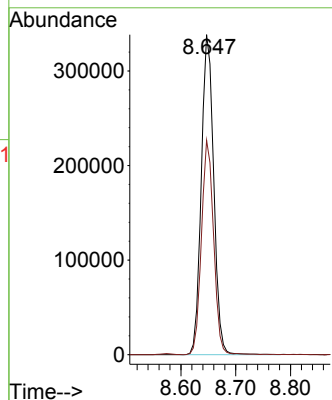
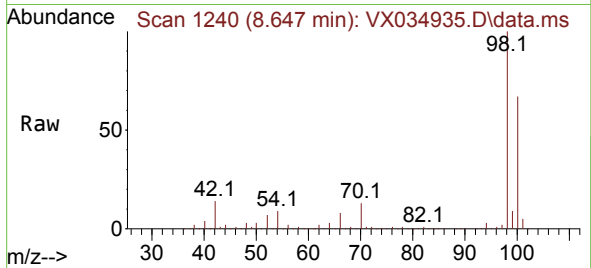




#50
Toluene-d8
Concen: 49.927 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

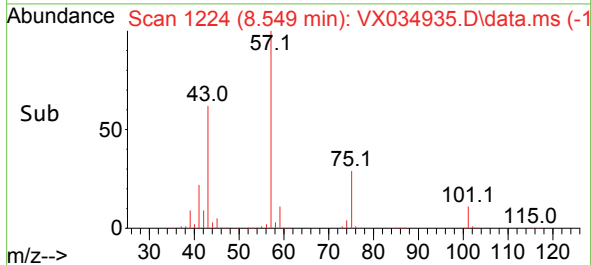
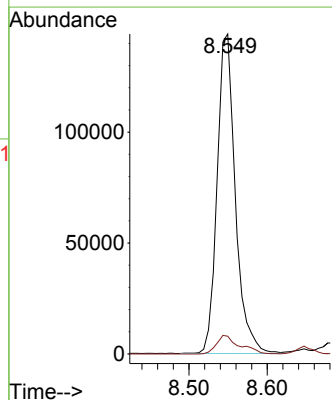
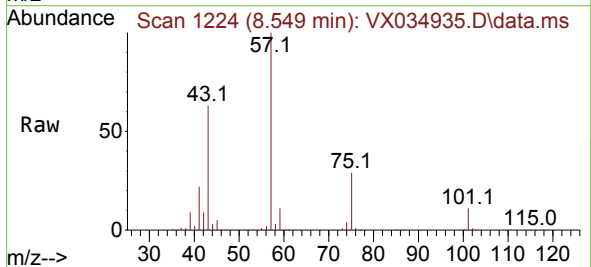
Instrument :
MSVOA_X
ClientSampleId :
PB151389TB

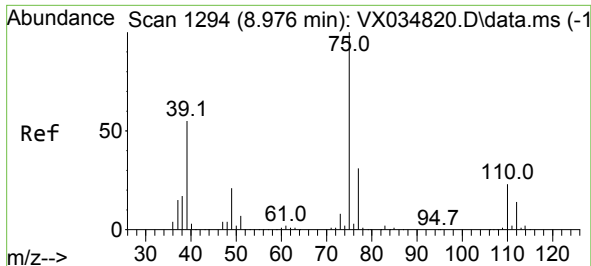
Tgt Ion: 98 Resp: 532472
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 52.650 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Tgt Ion: 43 Resp: 233343
Ion Ratio Lower Upper
43 100
58 7.4 30.6 46.0#

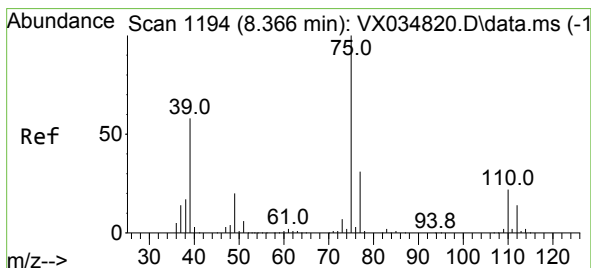
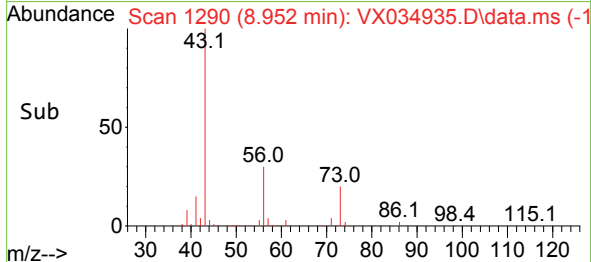
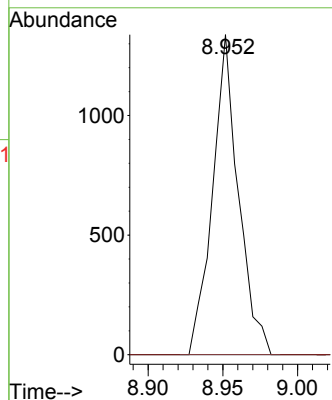
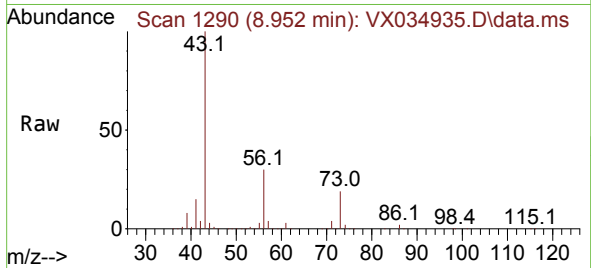




#53
 t-1,3-Dichloropropene
 Concen: 0.368 ug/l
 RT: 8.952 min Scan# 1124
 Delta R.T. -0.024 min
 Lab File: VX034935.D
 Acq: 03 Apr 2023 16:20

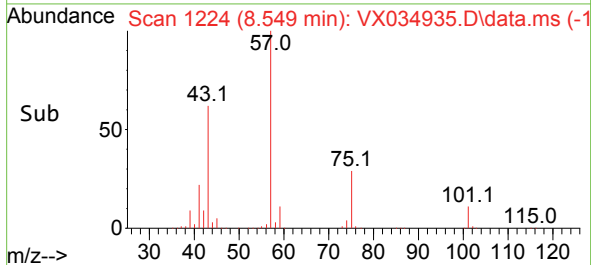
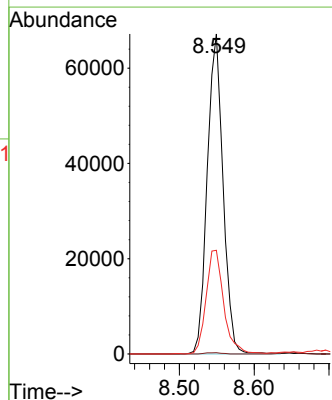
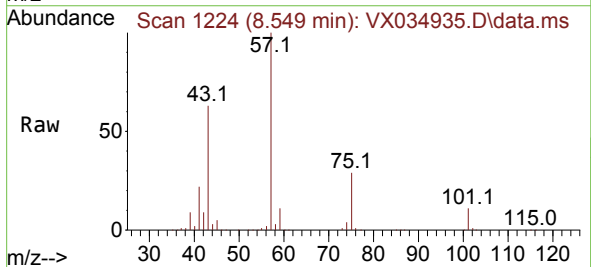
Instrument :
 MSVOA_X
 ClientSampleId :
 PB151389TB

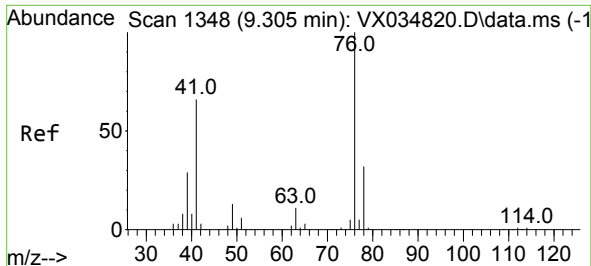
Tgt Ion: 75 Resp: 1613
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 20.583 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX034935.D
 Acq: 03 Apr 2023 16:20

Tgt Ion: 75 Resp: 98618
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.0 37.4#
 39 32.3 44.6 66.8#





#57

1,3-Dichloropropane

Concen: 2.141 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX034935.D

Acq: 03 Apr 2023 16:20

Instrument :

MSVOA_X

ClientSampleId :

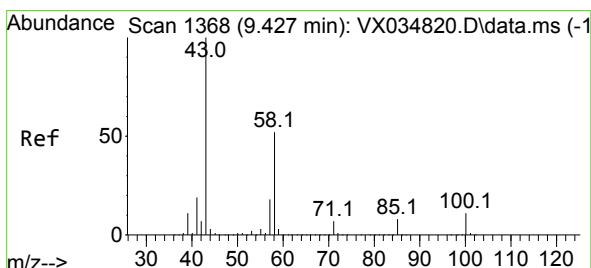
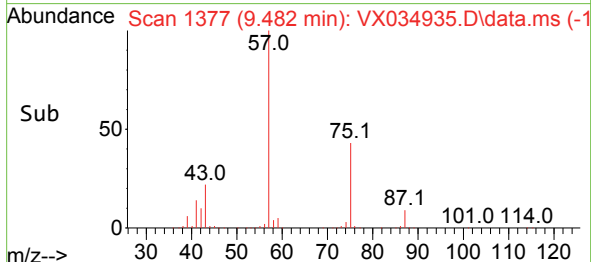
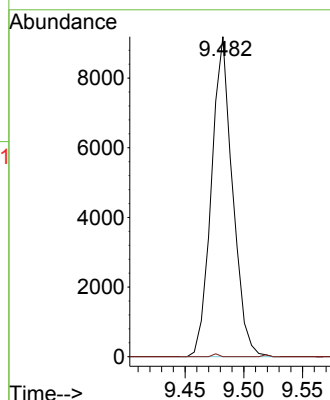
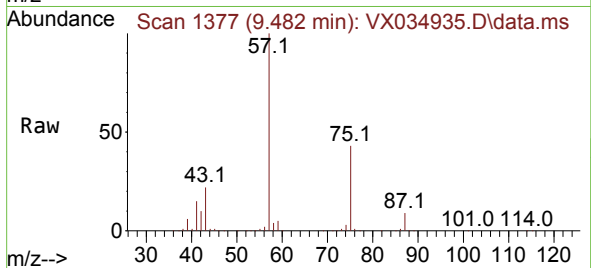
PB151389TB

Tgt Ion: 76 Resp: 11496

Ion Ratio Lower Upper

76 100

78 0.3 25.8 38.8#



#59

2-Hexanone

Concen: 52.892 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX034935.D

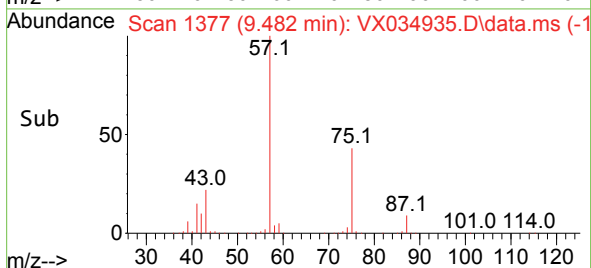
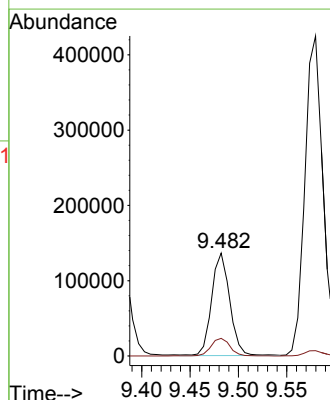
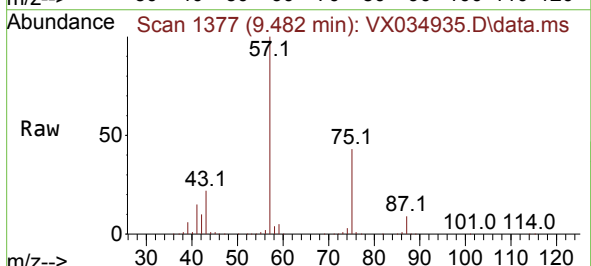
Acq: 03 Apr 2023 16:20

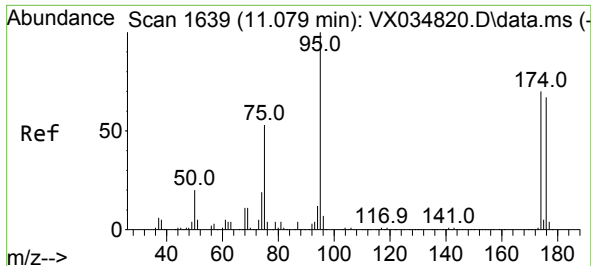
Tgt Ion: 43 Resp: 177303

Ion Ratio Lower Upper

43 100

58 18.2 26.3 78.9#

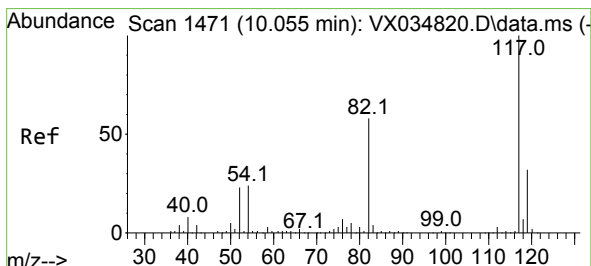
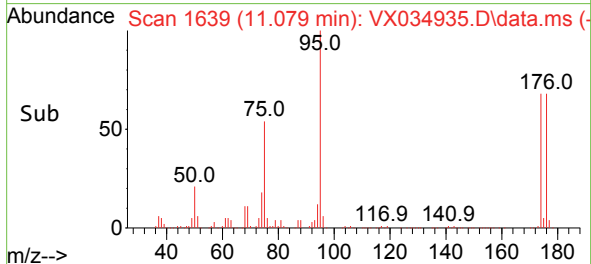
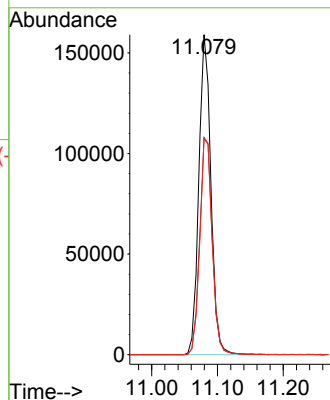
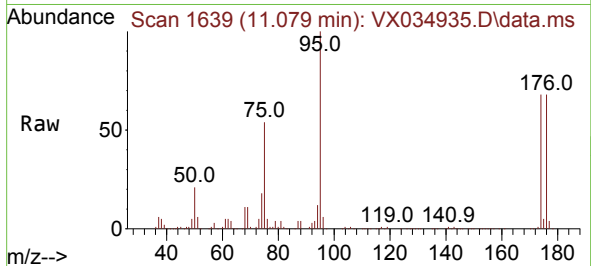




#62
4-Bromofluorobenzene
Concen: 49.034 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

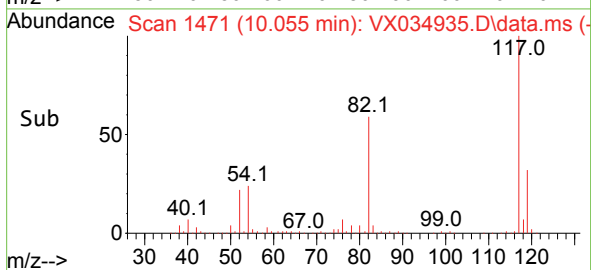
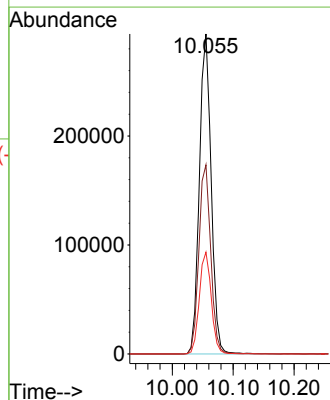
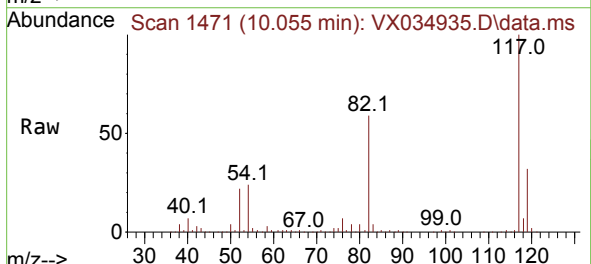
Instrument :
MSVOA_X
ClientSampleId :
PB151389TB

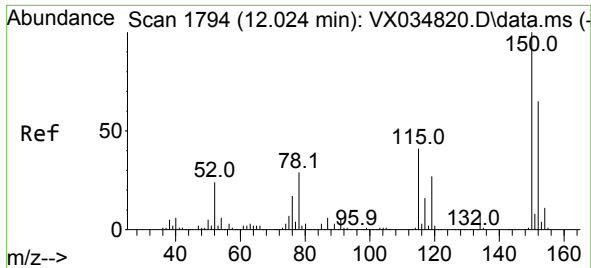
Tgt Ion: 95 Resp: 202370
Ion Ratio Lower Upper
95 100
174 70.9 0.0 147.4
176 69.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Tgt Ion: 117 Resp: 393567
Ion Ratio Lower Upper
117 100
82 59.1 45.0 67.4
119 31.8 26.0 39.0

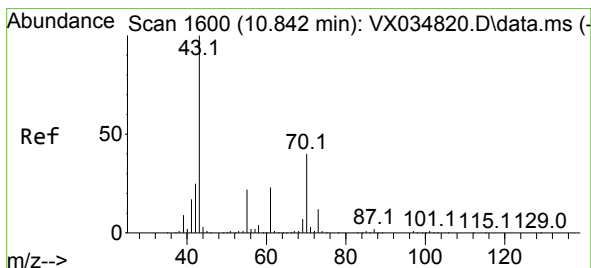
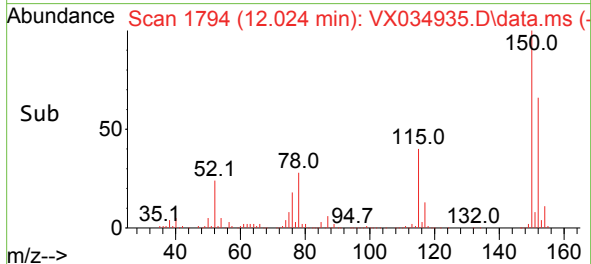
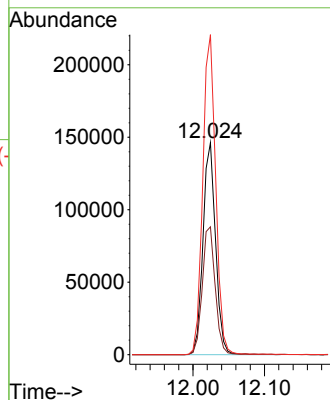
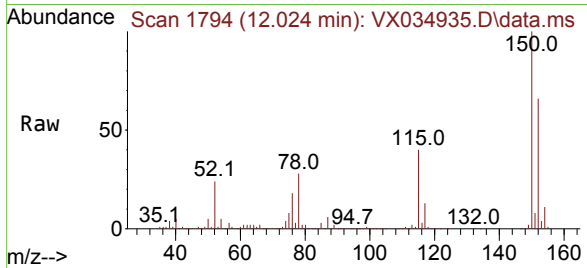




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

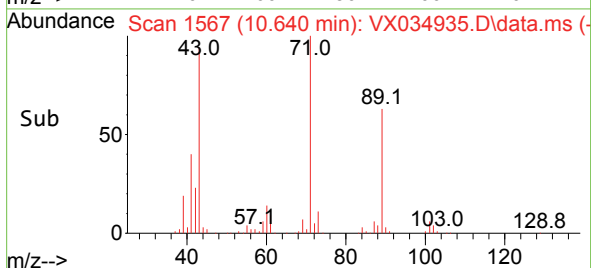
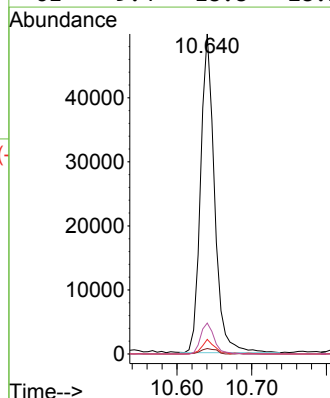
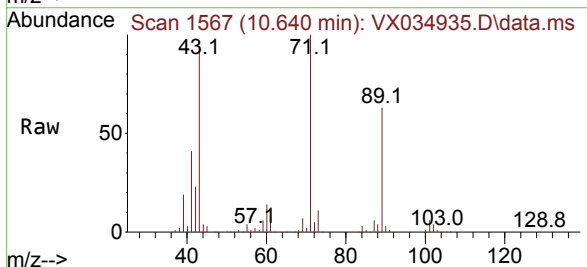
Instrument :
MSVOA_X
ClientSampleId :
PB151389TB

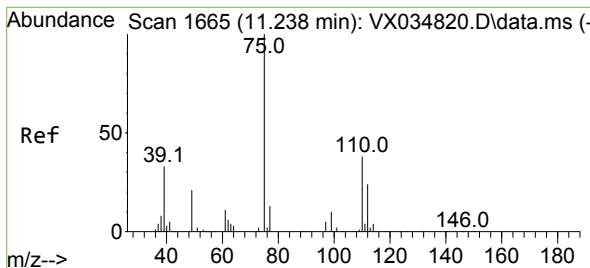
Tgt Ion:152 Resp: 179218
Ion Ratio Lower Upper
152 100
115 62.1 45.0 135.0
150 154.9 0.0 352.4



#74
N-ethyl acetate
Concen: 10.917 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.202 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Tgt Ion: 43 Resp: 64436
Ion Ratio Lower Upper
43 100
70 1.9 32.1 48.1#
55 4.2 18.3 27.5#
61 9.4 18.8 28.2#

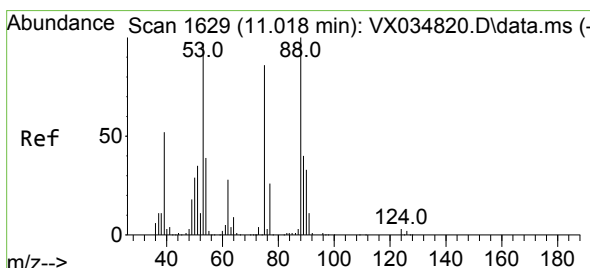
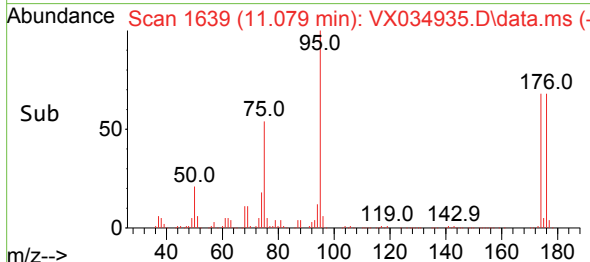
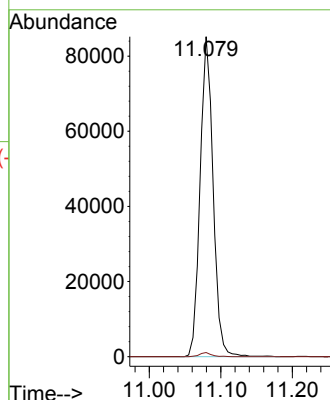
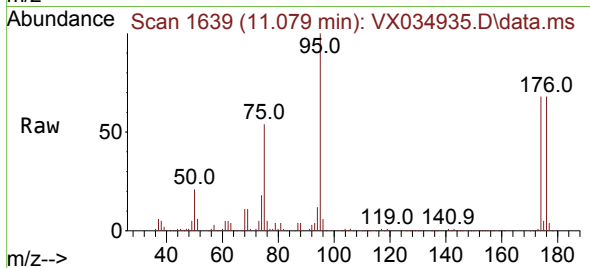




#76
1,2,3-Trichloropropane
Concen: 29.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Instrument :
MSVOA_X
ClientSampleId :
PB151389TB

Tgt Ion: 75 Resp: 107303
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.053 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034935.D
Acq: 03 Apr 2023 16:20

Tgt Ion: 75 Resp: 107303
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

