

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034802.D
 Acq On : 28 Mar 2023 18:46
 Operator : JC/MD
 Sample : 02084-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 29 04:06:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

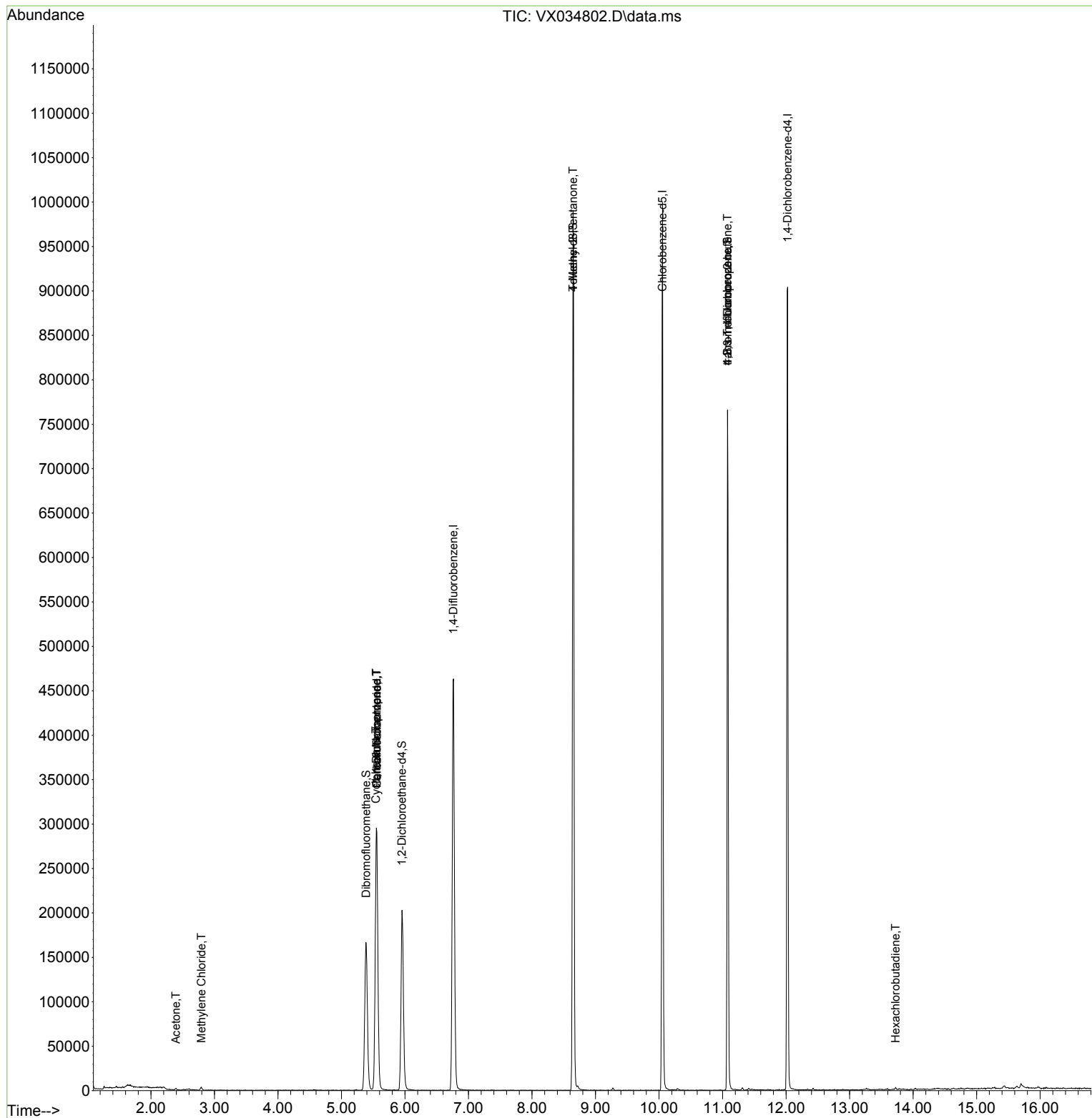
Internal Standards						
1) Pentafluorobenzene	5.556	168	274063	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	468243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	417864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	191110	47.933	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.860%		
35) Dibromofluoromethane	5.385	113	143241	46.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.660%		
50) Toluene-d8	8.647	98	560607	48.575	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.160%		
62) 4-Bromofluorobenzene	11.079	95	200227	42.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.900%		
Target Compounds						
3) Chloromethane	1.288	50	541	Below Cal	#	73
16) Acetone	2.392	43	1837	0.978	ug/l	90
20) Methylene Chloride	2.794	84	1454	0.399	ug/l #	92
31) Cyclohexane	5.544	56	6887	1.232	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	23453	4.939	ug/l #	50
38) Carbon Tetrachloride	5.556	117	27903	5.907	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2931	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	110072	26.242	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110072	70.992	ug/l #	8
94) Hexachlorobutadiene	13.725	225	325	0.201	ug/l	88

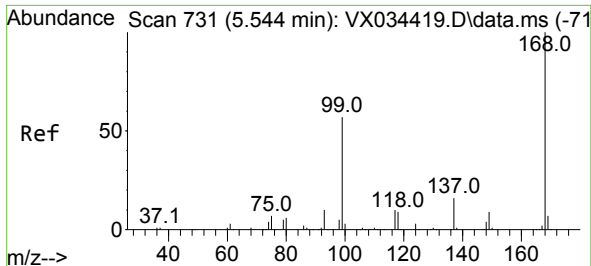
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

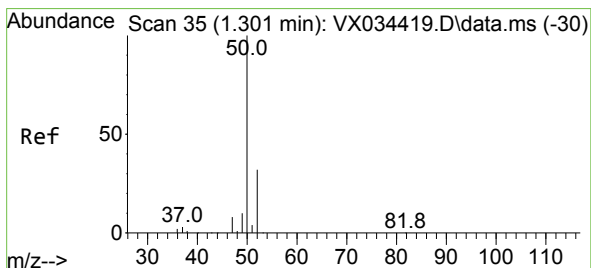
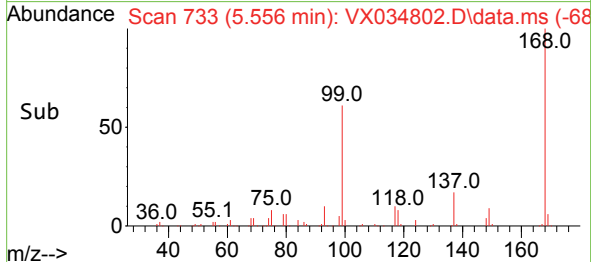
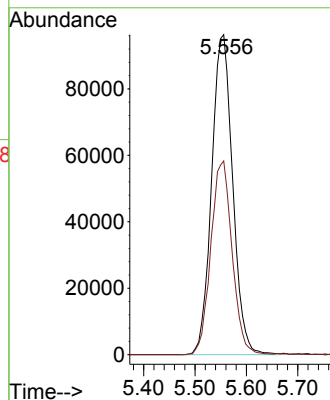
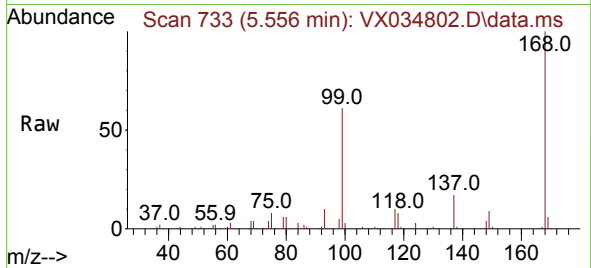




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

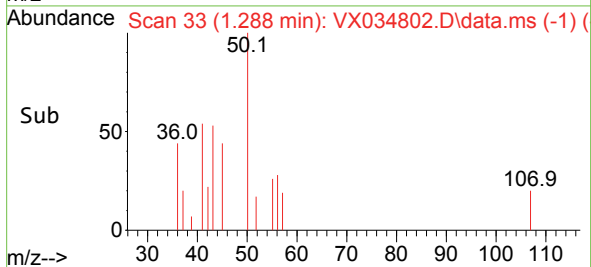
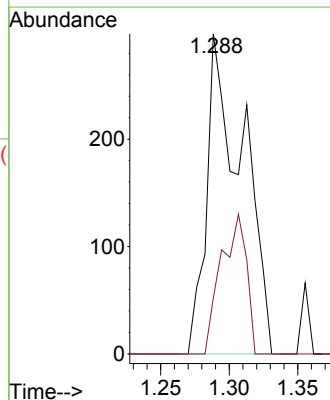
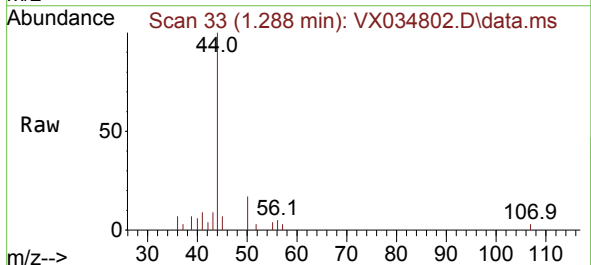
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

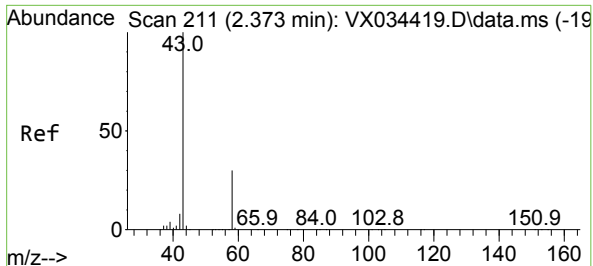
Tgt Ion:168 Resp: 274063
Ion Ratio Lower Upper
168 100
99 60.6 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 17.4 25.9 38.9#

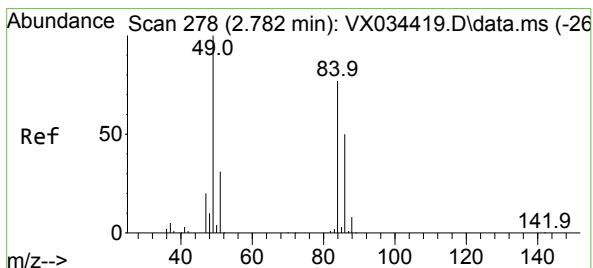
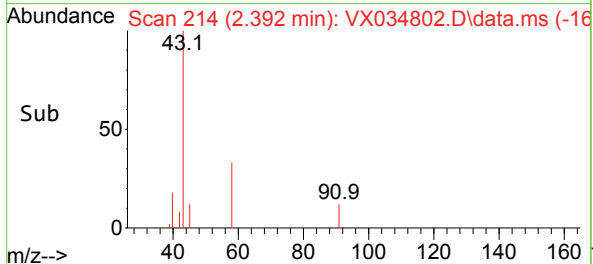
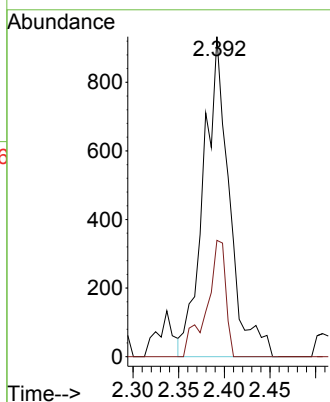
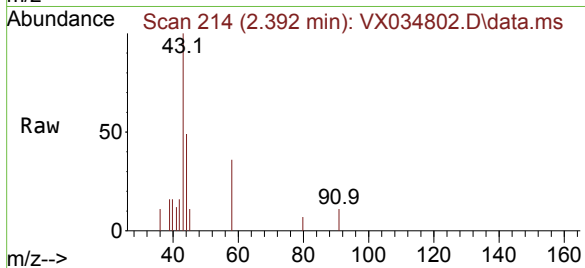




#16
Acetone
Concen: 0.978 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

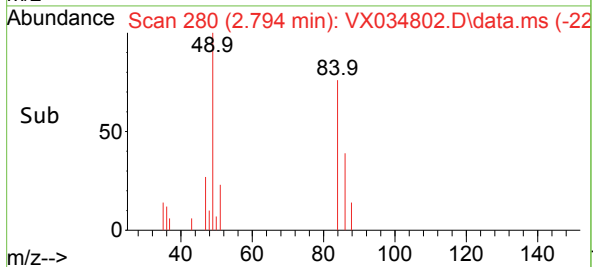
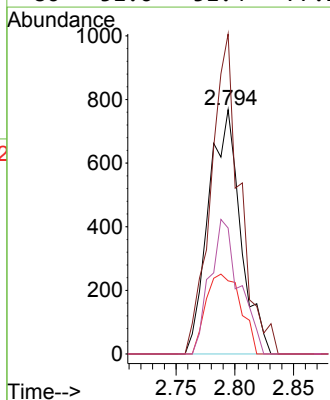
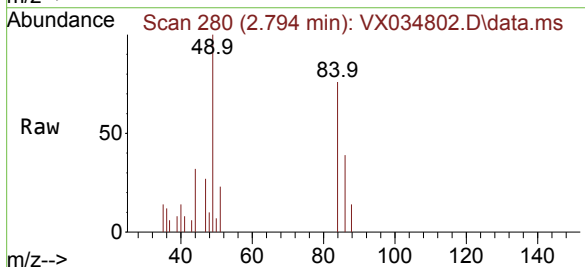
Instrument :
MSVOA_X
ClientSampleId :
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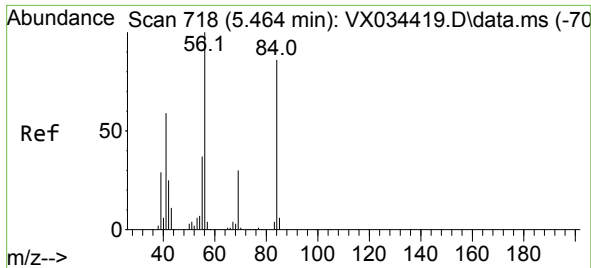
Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
58 36.3 24.7 37.1



#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

Tgt Ion: 84 Resp: 1454
Ion Ratio Lower Upper
84 100
49 131.0 103.8 155.8
51 29.9 31.8 47.8#
86 51.6 51.4 77.2

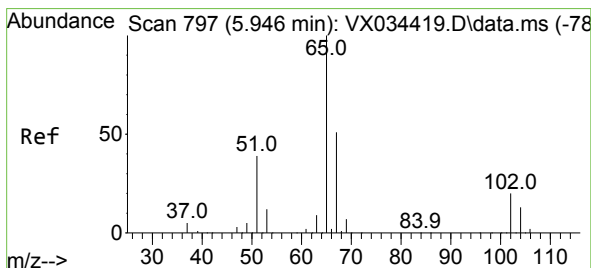
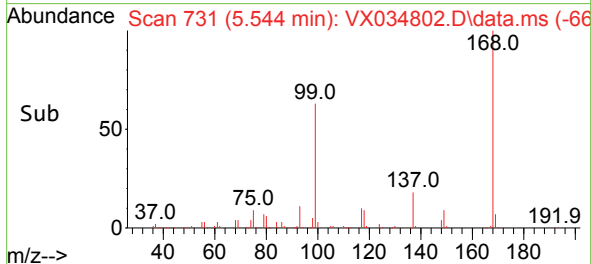
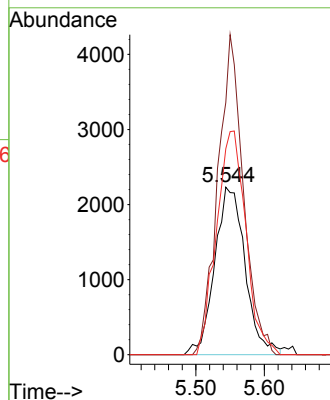
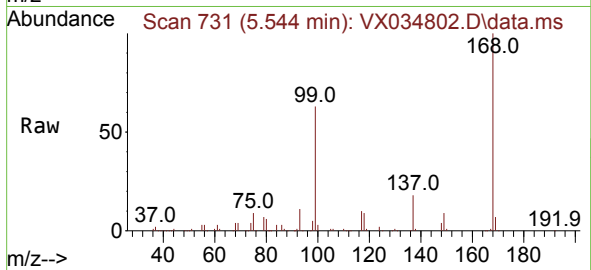




#31
Cyclohexane
Concen: 1.232 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

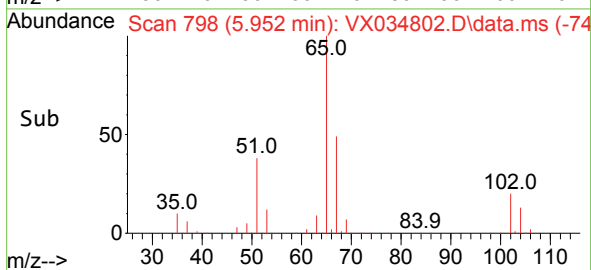
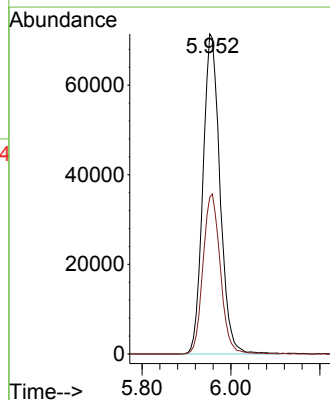
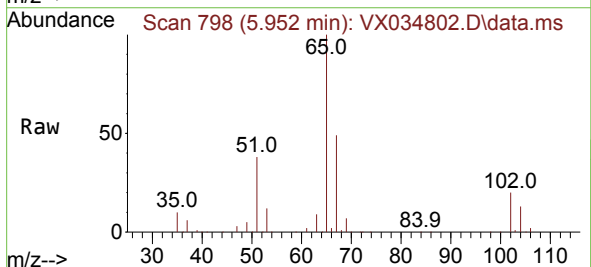
Instrument :
MSVOA_X
ClientSampleId :
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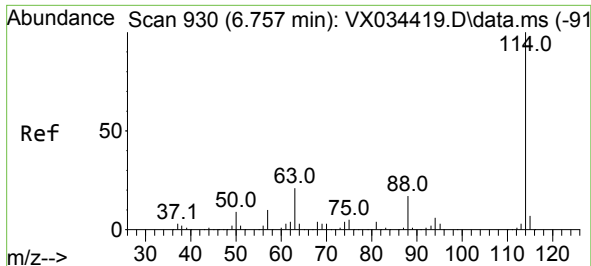
Tgt Ion: 56 Resp: 6887
Ion Ratio Lower Upper
56 100
69 150.6 23.7 35.5#
84 122.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.933 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

Tgt Ion: 65 Resp: 191110
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034802.D

Acq: 28 Mar 2023 18:46

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

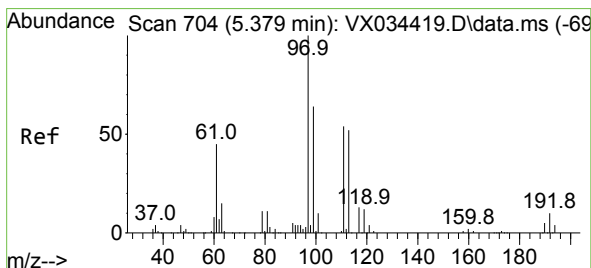
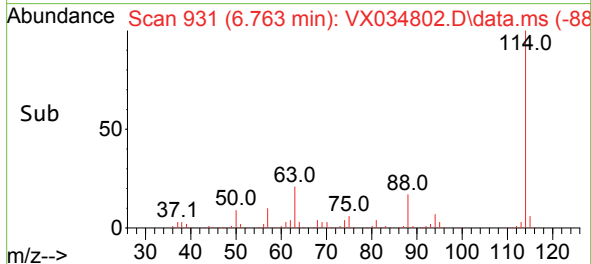
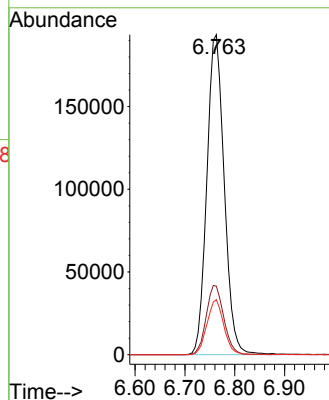
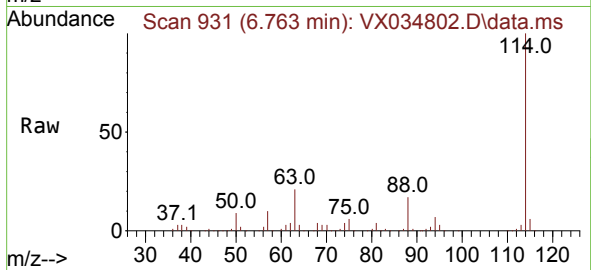
Tgt Ion:114 Resp: 468243

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

88 17.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.333 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034802.D

Acq: 28 Mar 2023 18:46

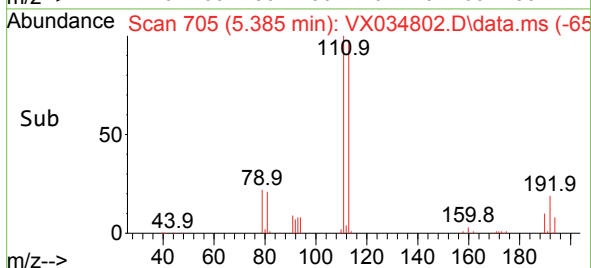
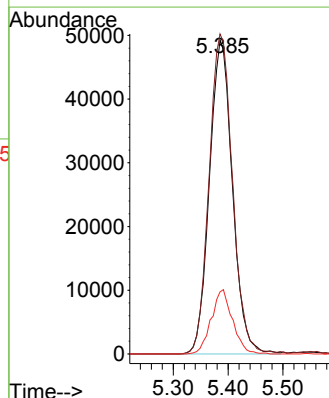
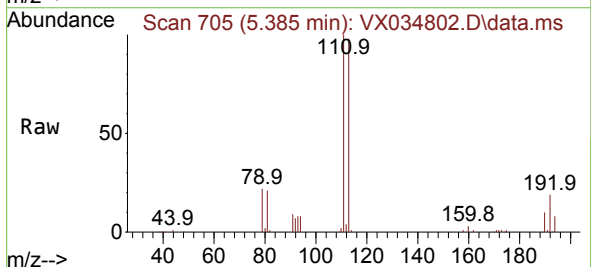
Tgt Ion:113 Resp: 143241

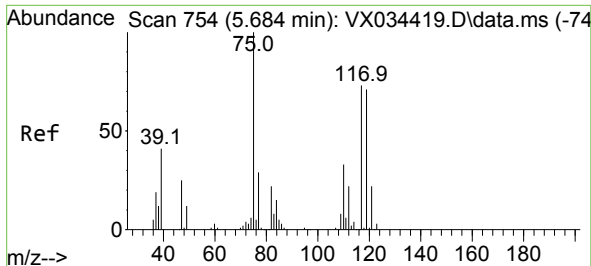
Ion Ratio Lower Upper

113 100

111 103.9 83.7 125.5

192 19.0 15.4 23.2

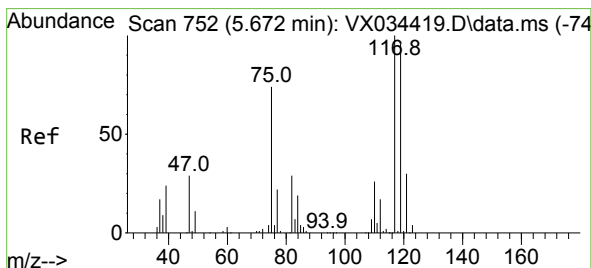
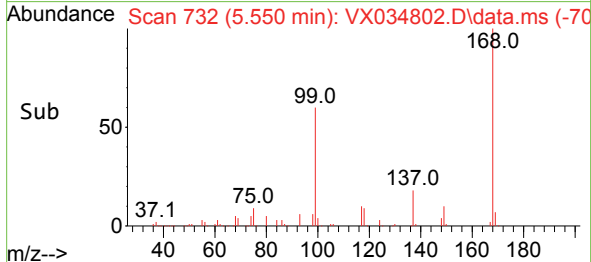
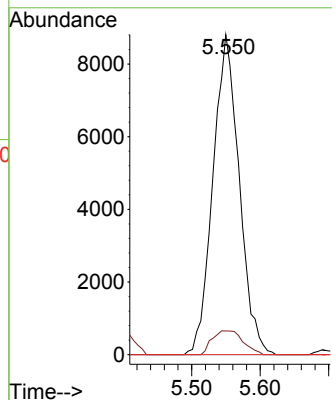
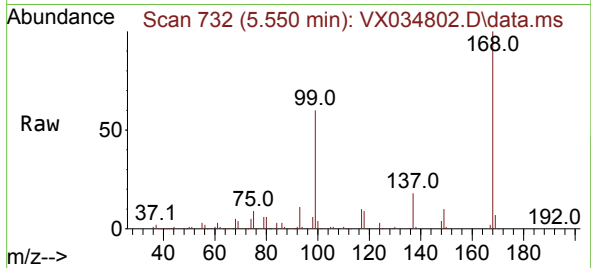




#36
1,1-Dichloropropene
Concen: 4.939 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

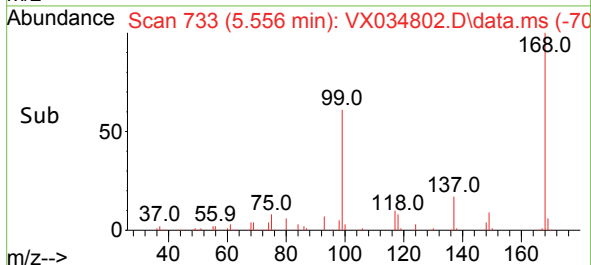
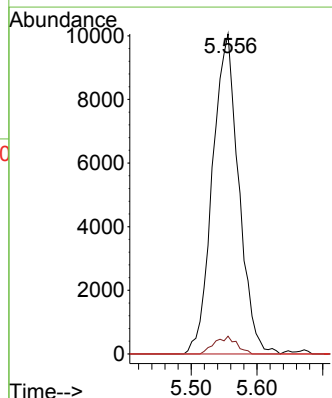
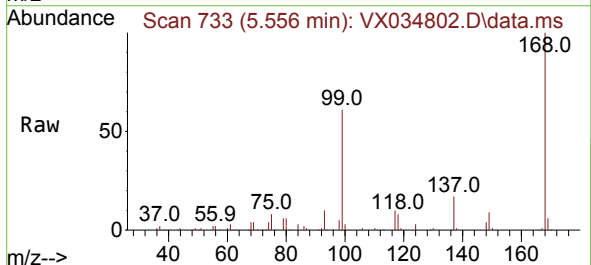
Instrument :
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ClientSampleId :
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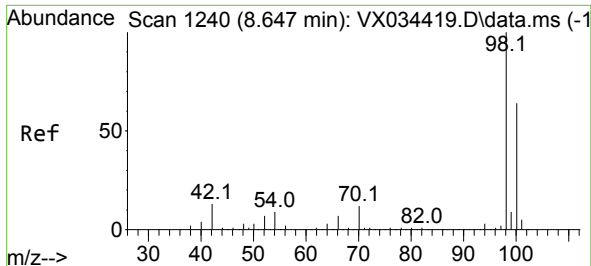
Tgt Ion: 75 Resp: 23453
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.907 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

Tgt Ion: 117 Resp: 27903
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 23.8 35.6#

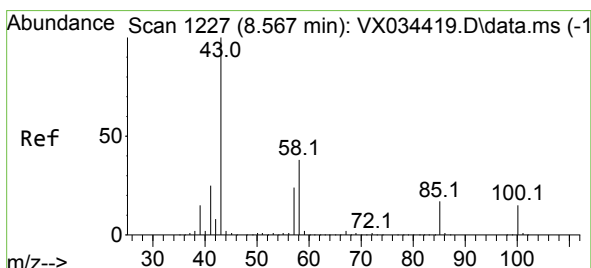
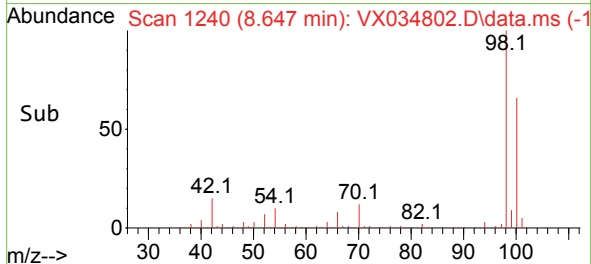
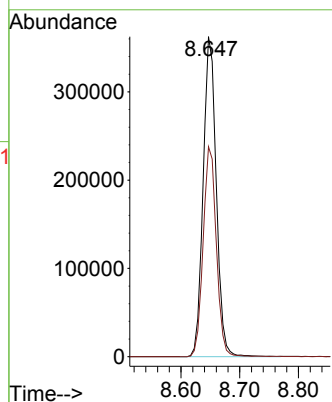
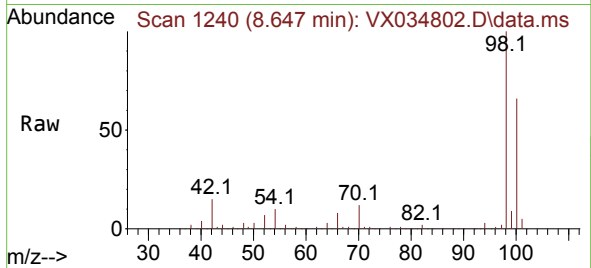




#50
Toluene-d8
Concen: 48.575 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

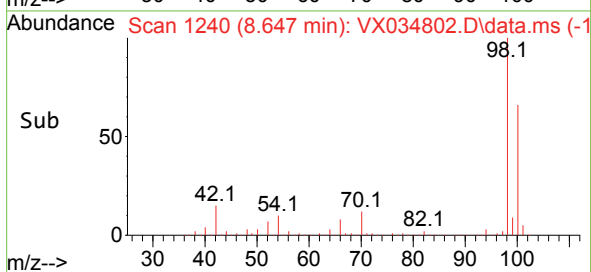
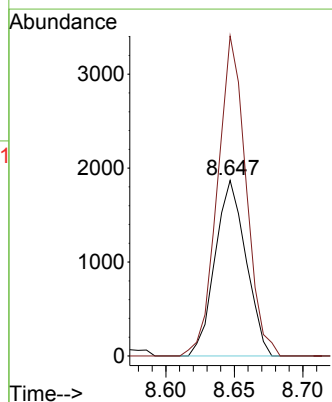
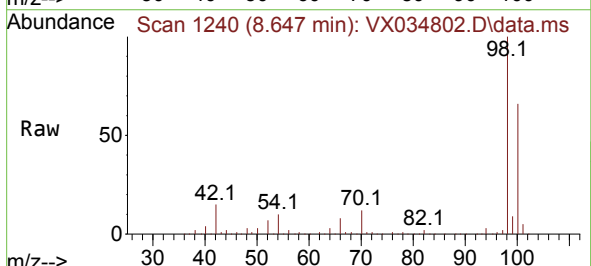
Instrument :
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ClientSampleId :
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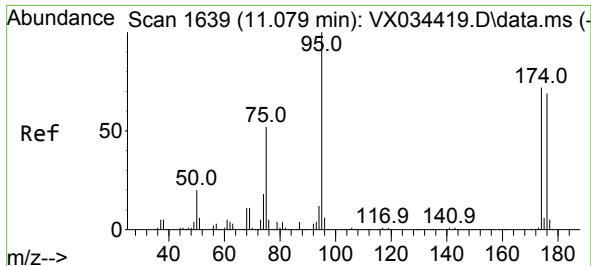
Tgt Ion: 98 Resp: 560607
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

Tgt Ion: 43 Resp: 2931
Ion Ratio Lower Upper
43 100
58 168.5 30.6 46.0#

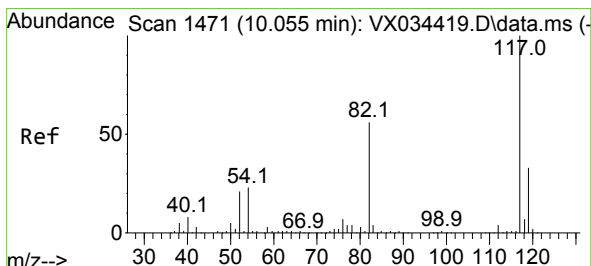
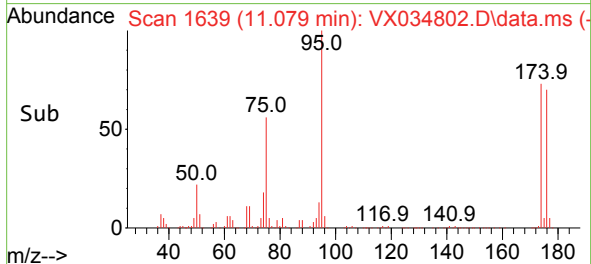
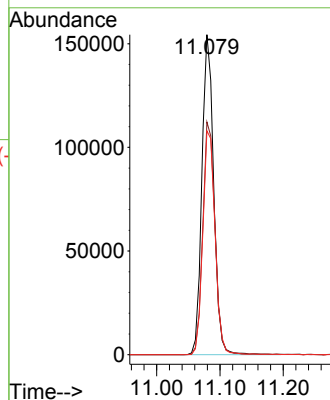
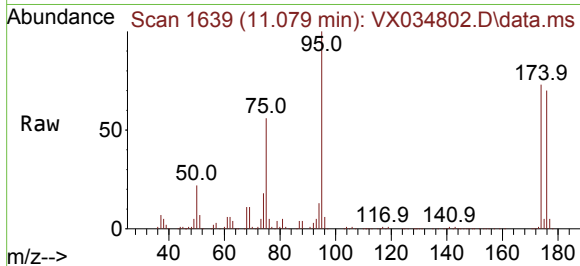




#62
4-Bromofluorobenzene
Concen: 42.952 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

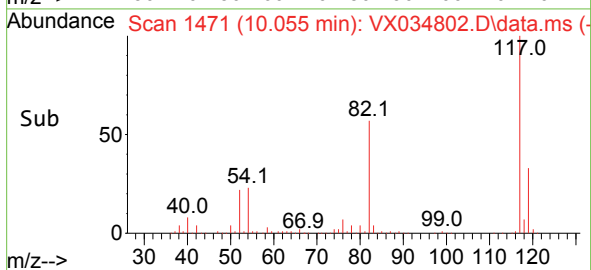
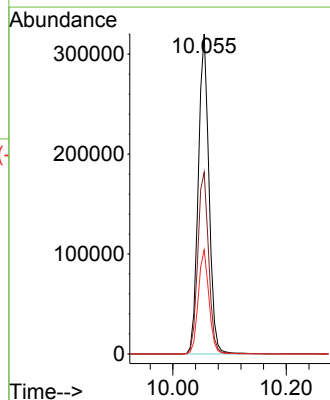
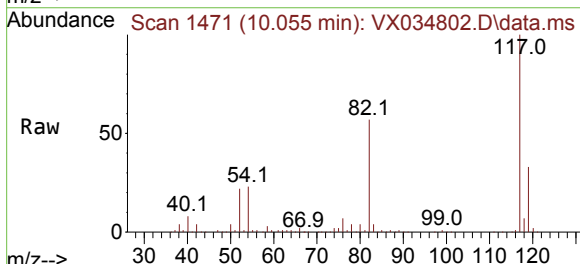
Instrument :
MSVOA_X
ClientSampleId :
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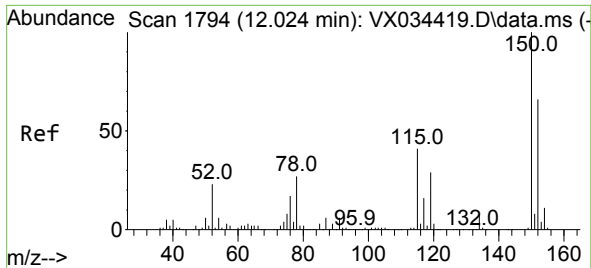
Tgt Ion: 95 Resp: 200227
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.4
176 72.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

Tgt Ion: 117 Resp: 417864
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.6 26.0 39.0

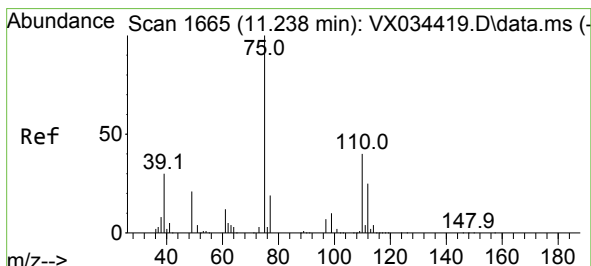
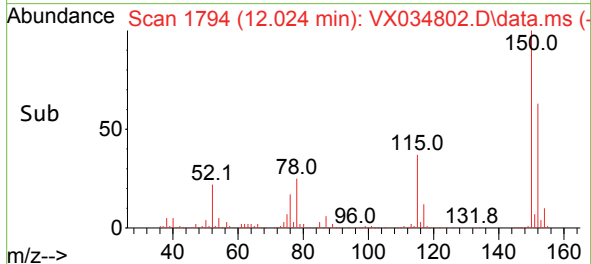
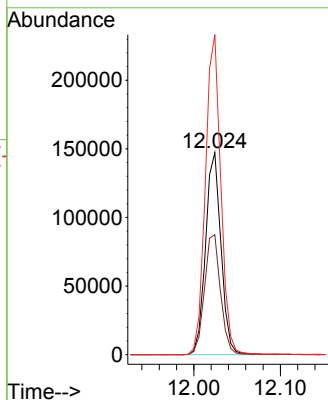
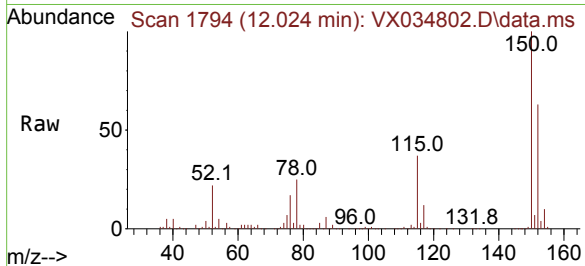




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034802.D
 Acq: 28 Mar 2023 18:46

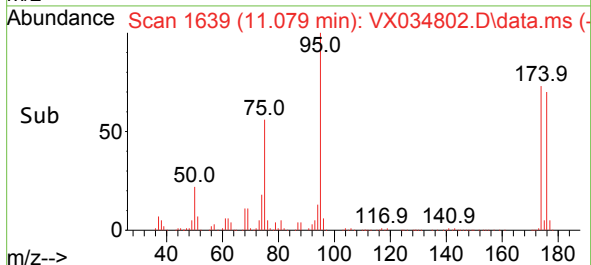
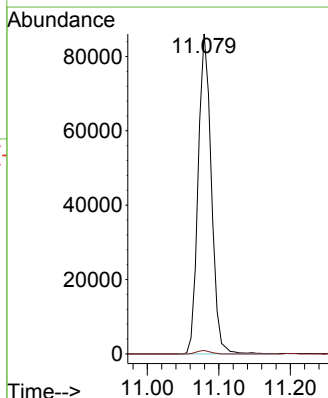
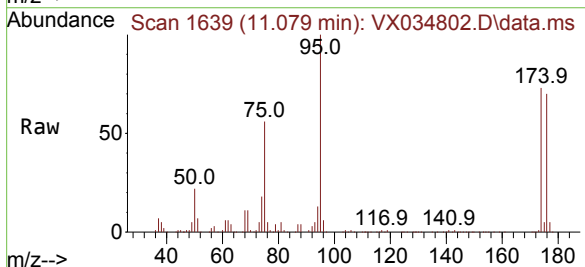
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

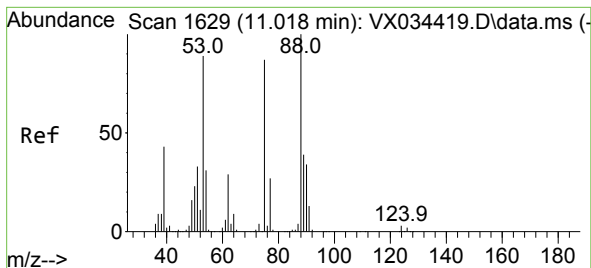
Tgt Ion:152 Resp: 182680
 Ion Ratio Lower Upper
 152 100
 115 62.0 45.0 135.0
 150 158.6 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.242 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034802.D
 Acq: 28 Mar 2023 18:46

Tgt Ion: 75 Resp: 110072
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#

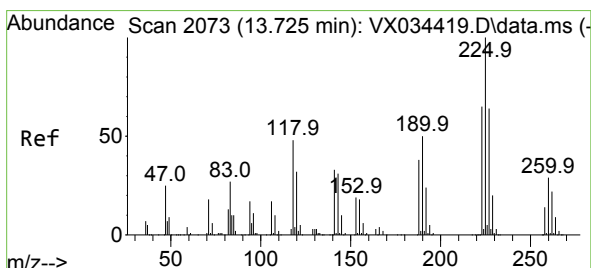
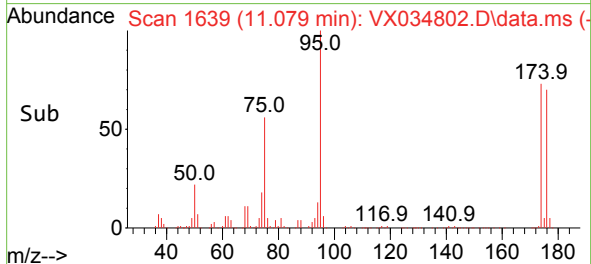
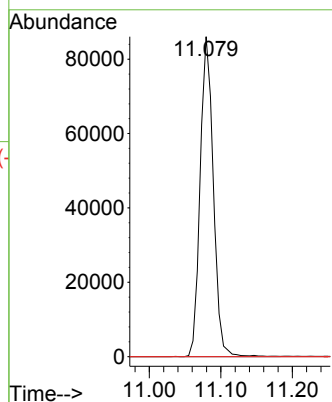
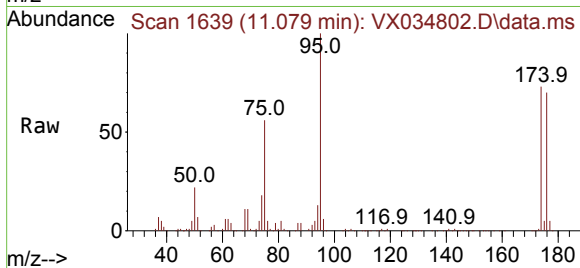




#81
trans-1,4-Dichloro-2-butene
Concen: 70.992 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 110072
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.201 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034802.D
Acq: 28 Mar 2023 18:46

Tgt Ion: 225 Resp: 325
Ion Ratio Lower Upper
225 100
223 60.0 32.1 96.5
227 48.6 31.8 95.4

