

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031956.D
 Acq On : 07 Oct 2022 12:52
 Operator : JC/MD
 Sample : N4925-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 08 05:09:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

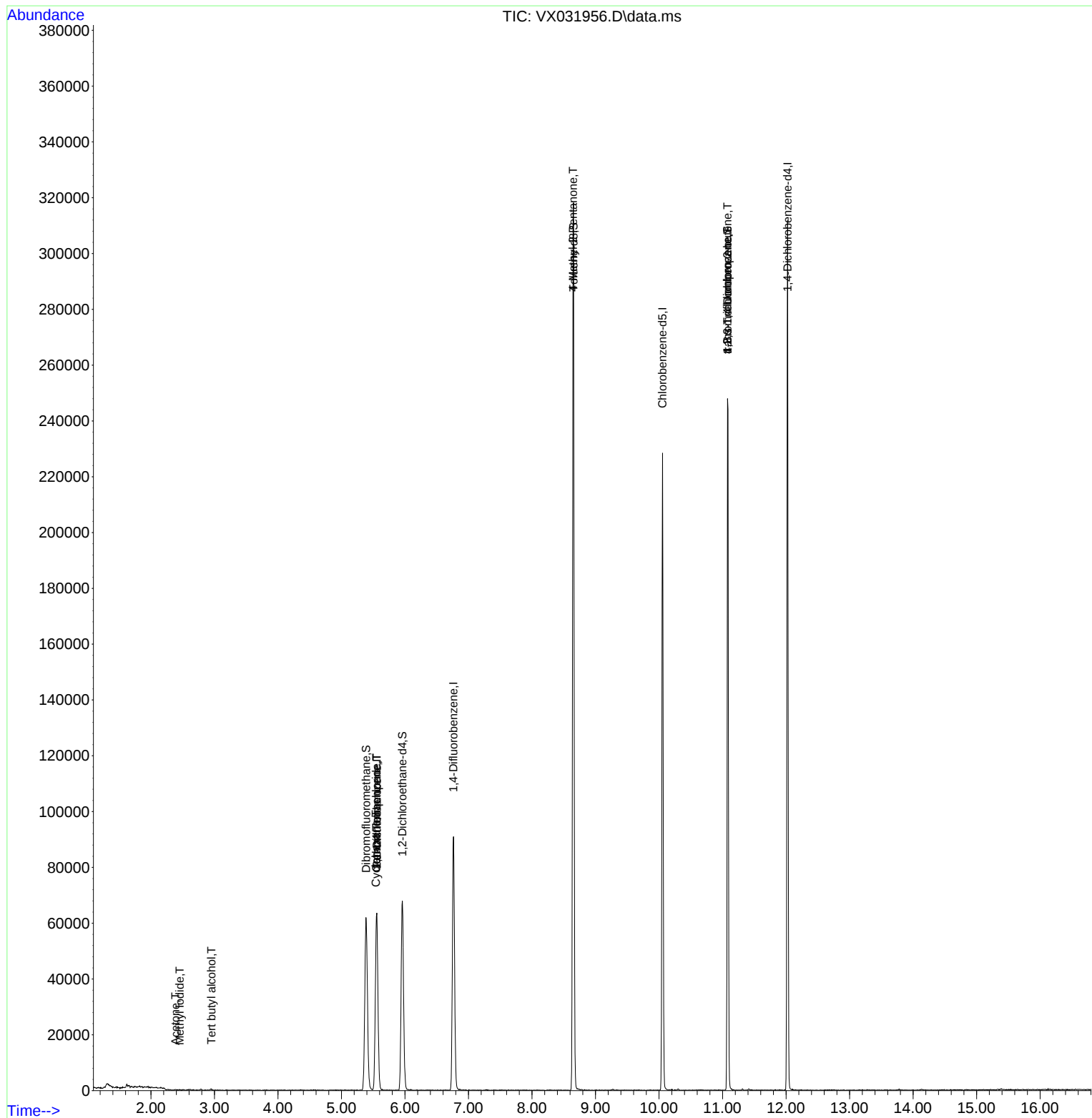
Internal Standards						
1) Pentafluorobenzene	5.556	168	60991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64133	50.916	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.840%			
35) Dibromofluoromethane	5.385	113	52443	48.809	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.620%			
50) Toluene-d8	8.653	98	191832	49.617	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.240%			
62) 4-Bromofluorobenzene	11.079	95	66174	48.414	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.820%			
Target Compounds						
5) Bromomethane	1.618	94	301	Below Cal	Qvalue 88	
10) Methyl Iodide	2.453	142	137	2.881 ug/l #		61
11) Tert butyl alcohol	2.953	59	149	0.951 ug/l #		73
16) Acetone	2.386	43	236	0.551 ug/l #		45
31) Cyclohexane	5.544	56	1287	0.855 ug/l #		30
36) 1,1-Dichloropropene	5.556	75	4860	3.411 ug/l #		50
38) Carbon Tetrachloride	5.550	117	6425	4.410 ug/l #		17
51) 4-Methyl-2-Pentanone	8.647	43	876	0.650 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	34117	26.477 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	34117	90.794 ug/l #		11

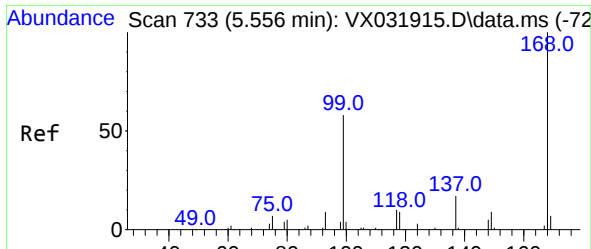
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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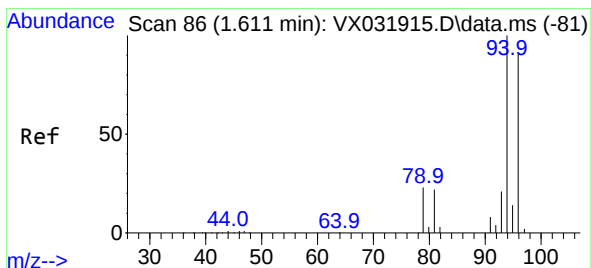
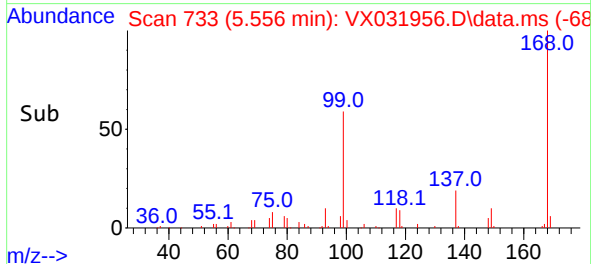
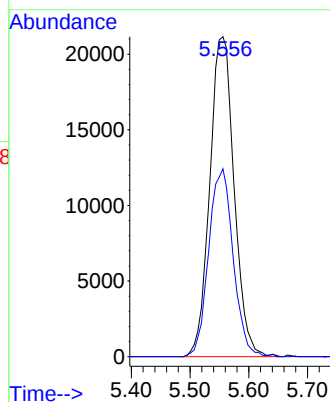
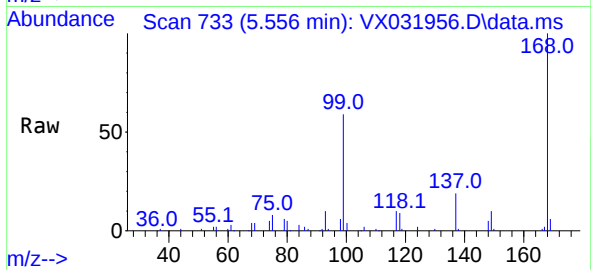




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

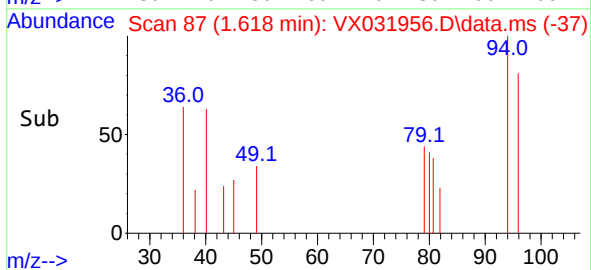
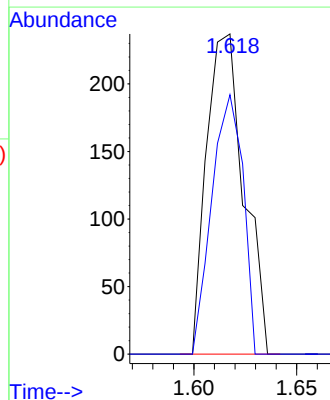
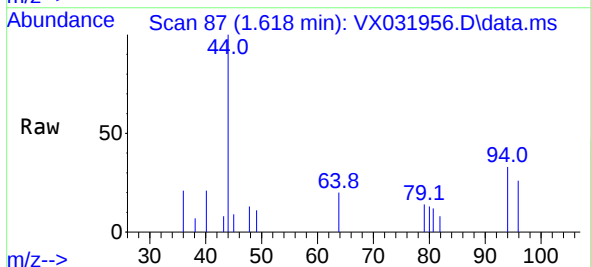
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

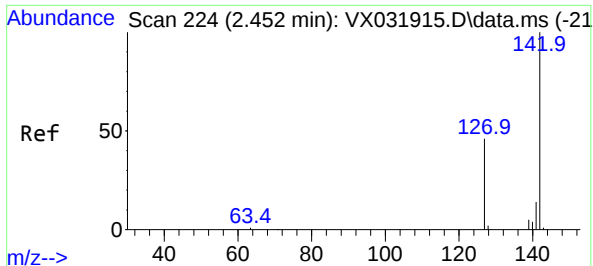
Tgt Ion:168 Resp: 60991
Ion Ratio Lower Upper
168 100
99 58.7 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 81.0 74.4 111.6





#10

Methyl Iodide

Concen: 2.881 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX031956.D

Acq: 07 Oct 2022 12:52

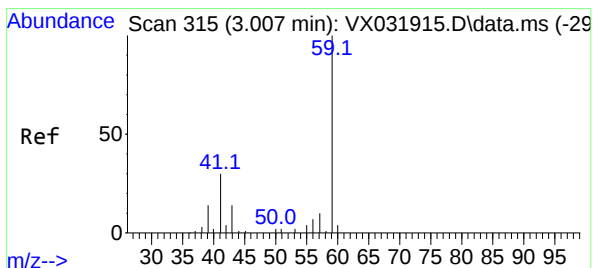
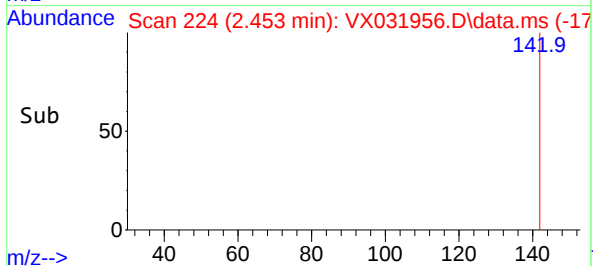
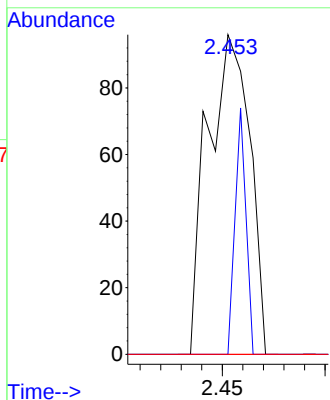
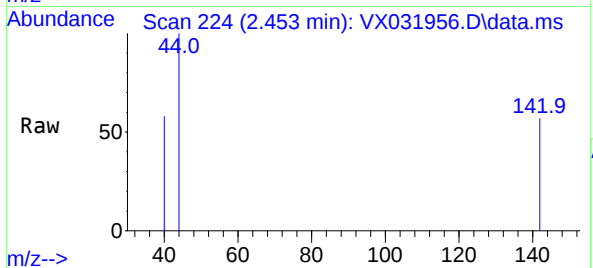
Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tgt Ion:	142	Resp:	137
Ion	Ratio	Lower	Upper
142	100		
127	19.7	37.4	56.0#
141	0.0	11.6	17.4#



#11

Tert butyl alcohol

Concen: 0.951 ug/l

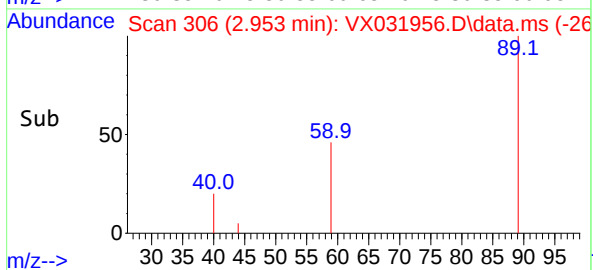
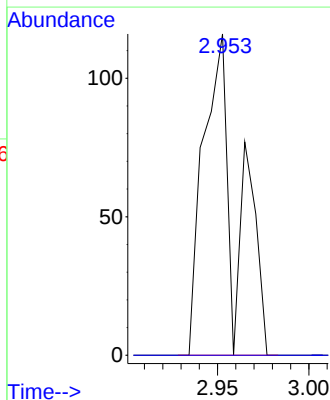
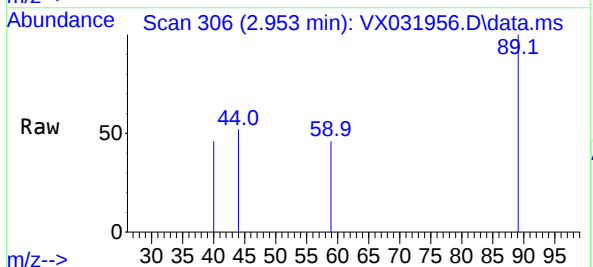
RT: 2.953 min Scan# 306

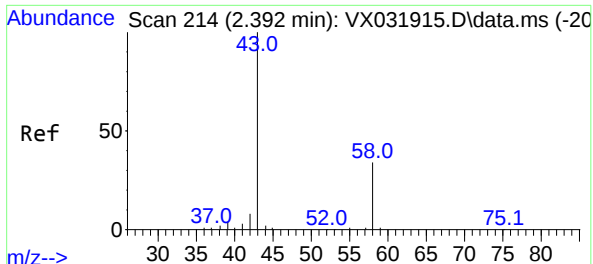
Delta R.T. -0.054 min

Lab File: VX031956.D

Acq: 07 Oct 2022 12:52

Tgt Ion:	59	Resp:	149
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

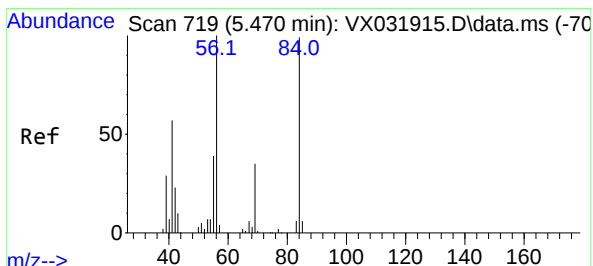
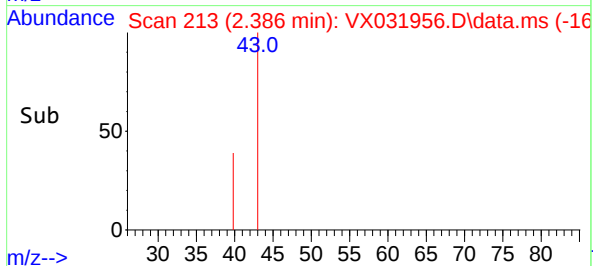
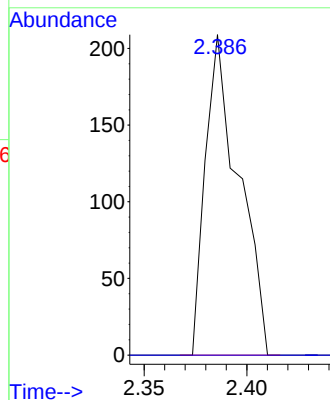
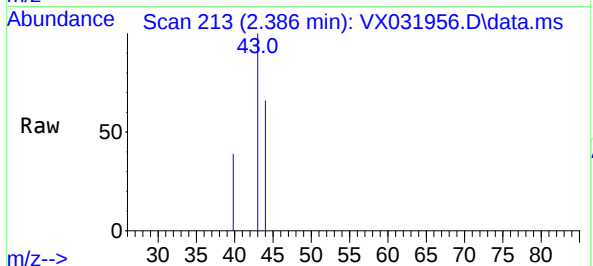




#16
Acetone
Concen: 0.551 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

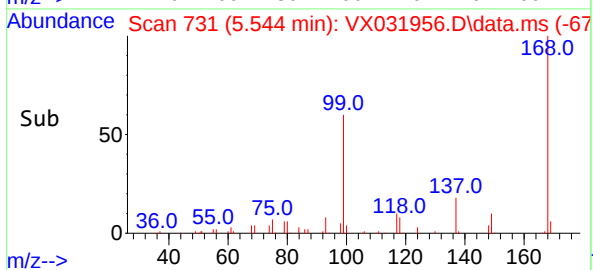
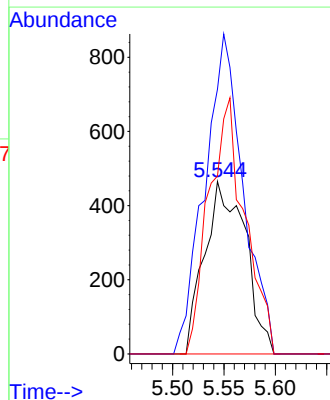
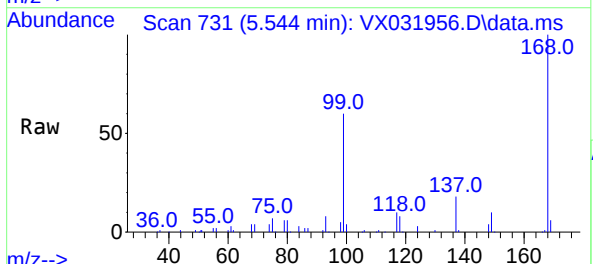
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

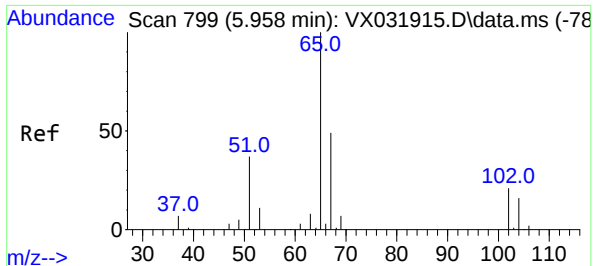
Tgt Ion: 43 Resp: 236
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#31
Cyclohexane
Concen: 0.855 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

Tgt Ion: 56 Resp: 1287
Ion Ratio Lower Upper
56 100
69 153.5 25.1 37.7#
84 103.2 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 50.916 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031956.D

Acq: 07 Oct 2022 12:52

Instrument :

MSVOA_X

ClientSampleId :

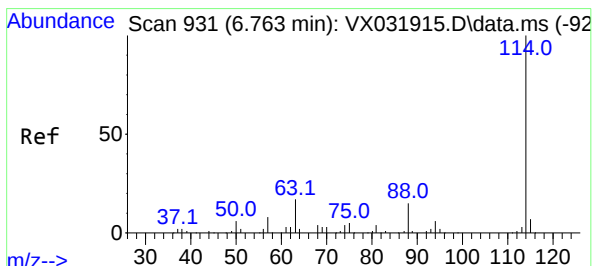
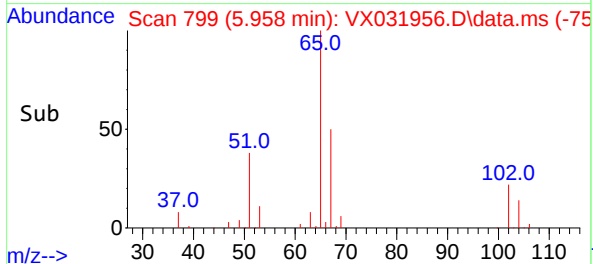
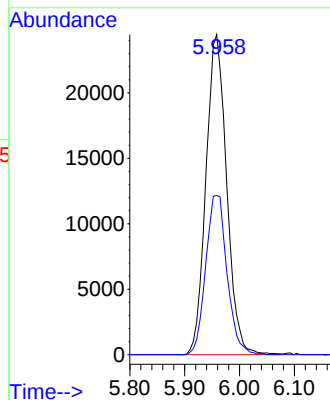
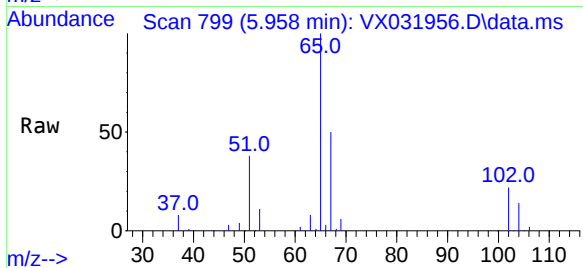
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 64133

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031956.D

Acq: 07 Oct 2022 12:52

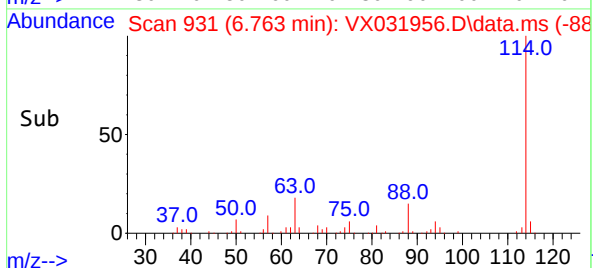
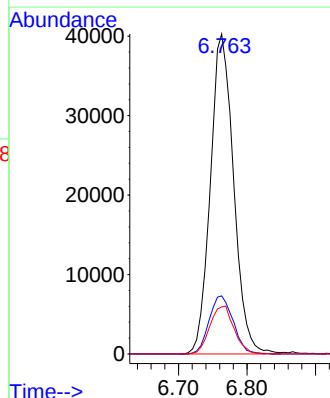
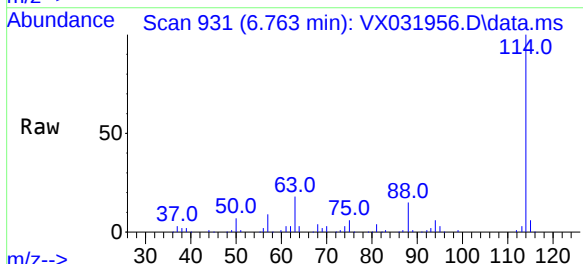
Tgt Ion: 114 Resp: 94921

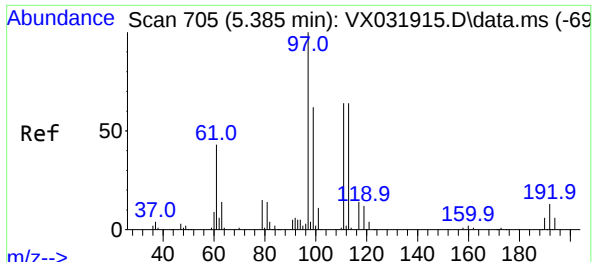
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

88 14.7 0.0 33.0



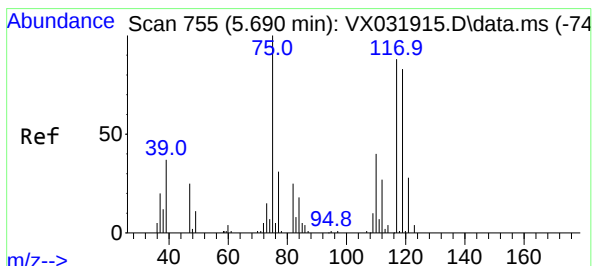
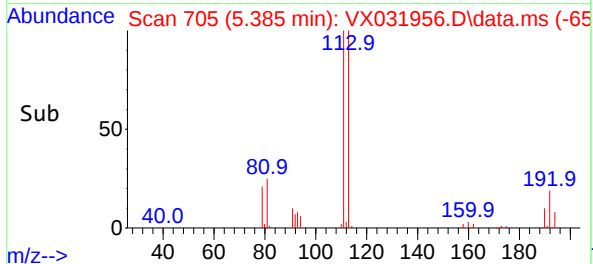
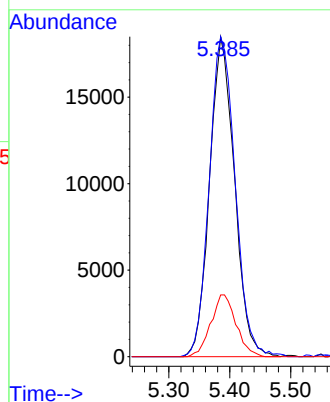
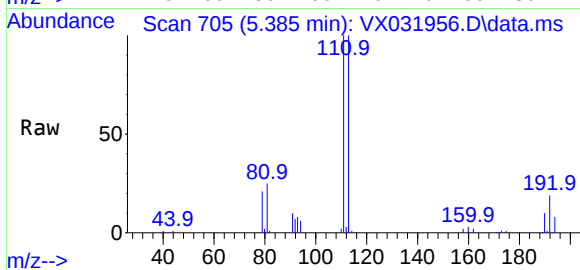


#35
Dibromofluoromethane
Concen: 48.809 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

Tgt Ion: 113 Resp: 52443

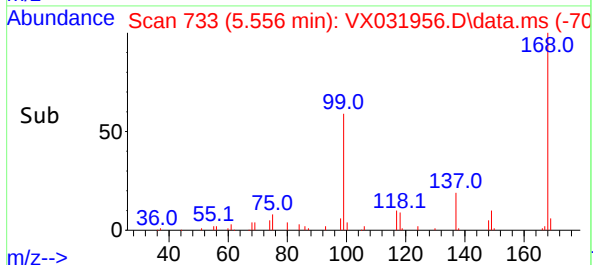
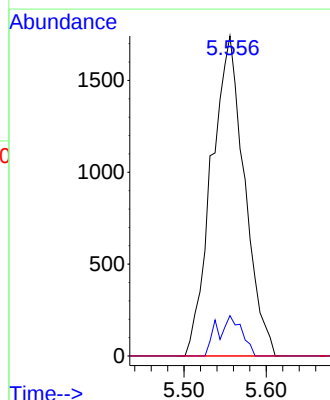
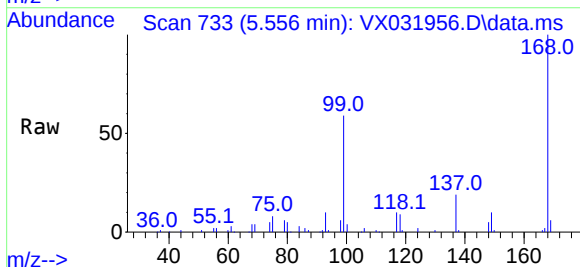
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.4	123.6
192	19.6	14.1	21.1

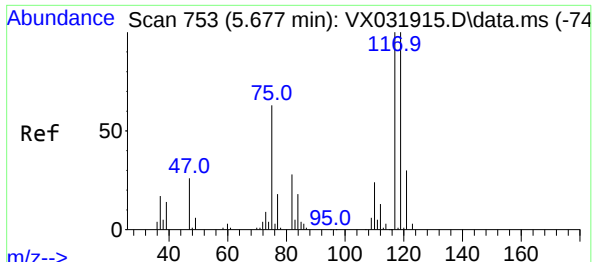


#36
1,1-Dichloropropene
Concen: 3.411 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

Tgt Ion: 75 Resp: 4860

Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.5	52.5#
77	0.0	24.9	37.3#

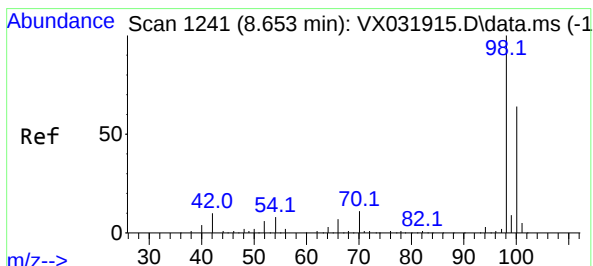
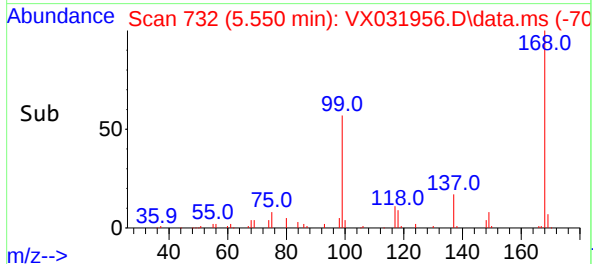
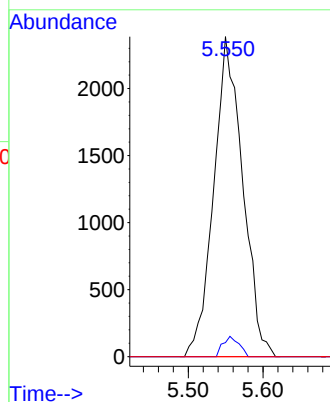
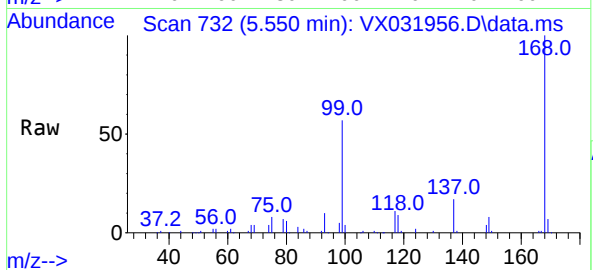




#38
Carbon Tetrachloride
Concen: 4.410 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

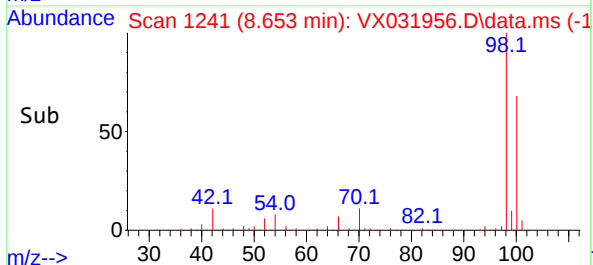
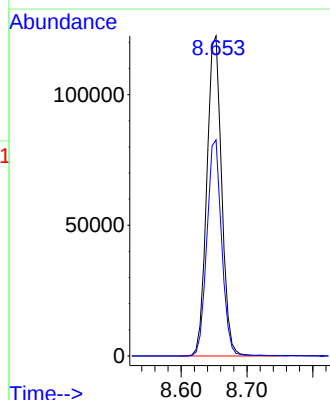
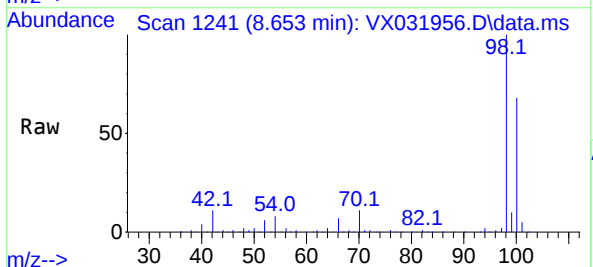
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

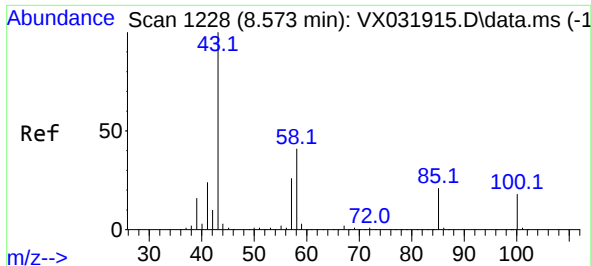
Tgt Ion:117 Resp: 6425
Ion Ratio Lower Upper
117 100
119 4.4 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.617 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

Tgt Ion: 98 Resp: 191832
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.650 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX031956.D

Acq: 07 Oct 2022 12:52

Instrument :

MSVOA_X

ClientSampleId :

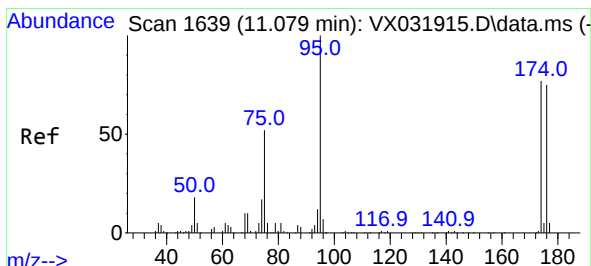
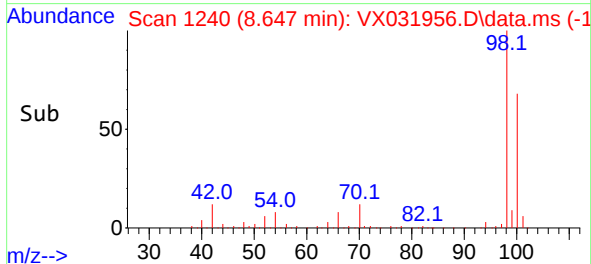
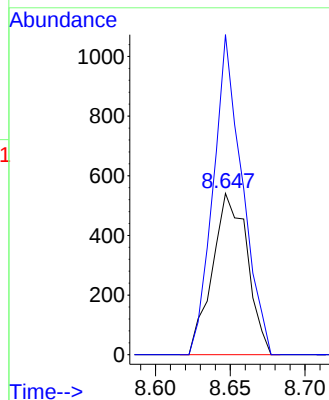
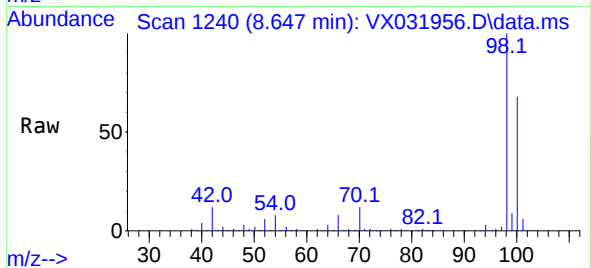
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 876

Ion Ratio Lower Upper

43 100

58 165.6 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 48.414 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031956.D

Acq: 07 Oct 2022 12:52

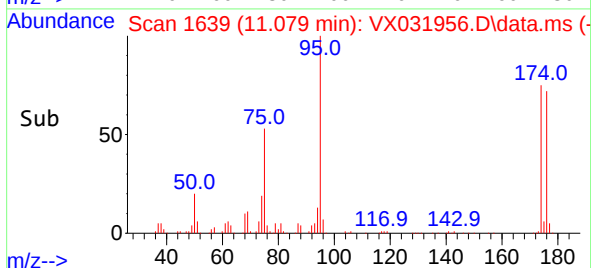
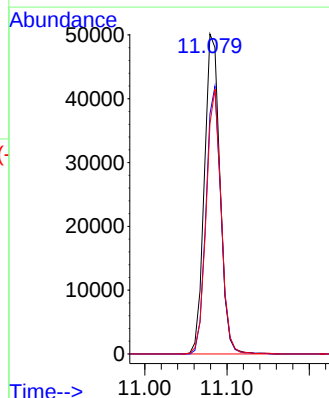
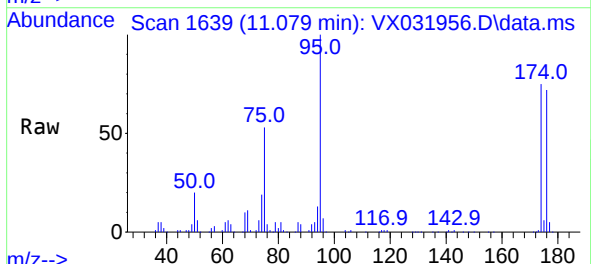
Tgt Ion: 95 Resp: 66174

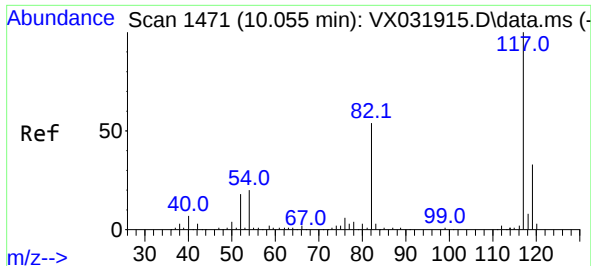
Ion Ratio Lower Upper

95 100

174 79.7 0.0 153.2

176 78.9 0.0 144.0

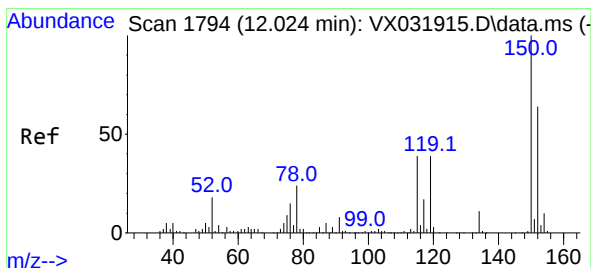
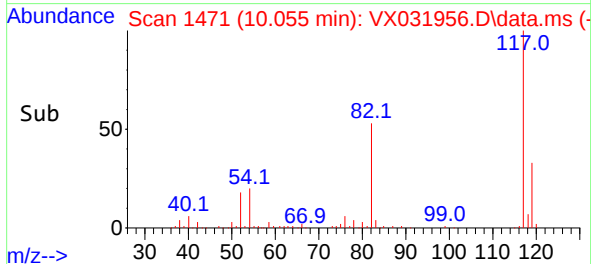
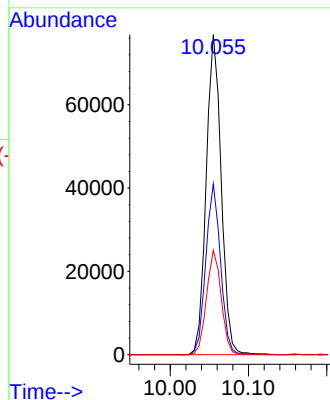
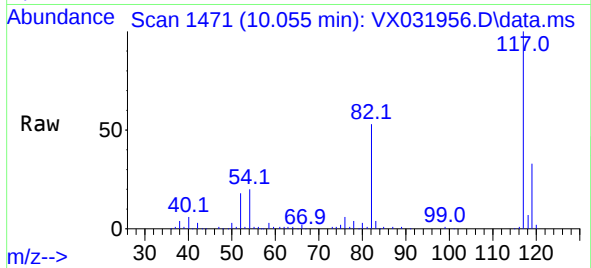




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

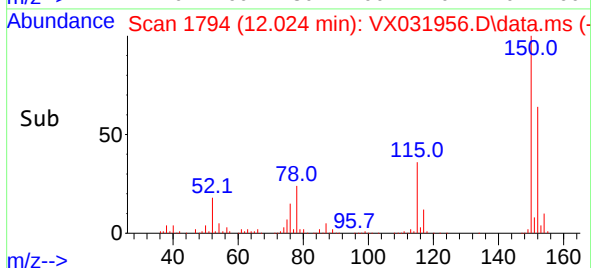
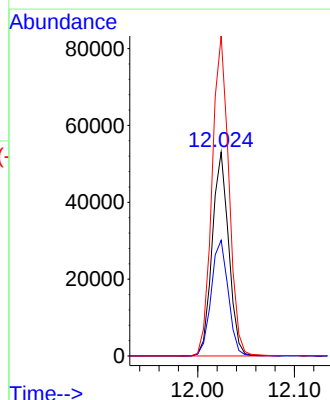
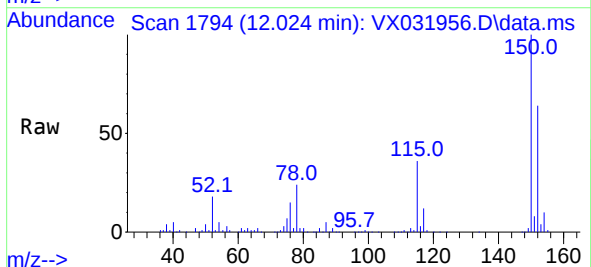
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

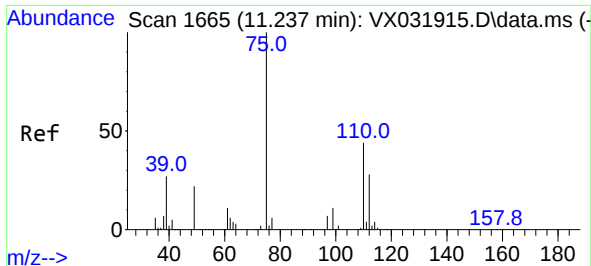
Tgt Ion:117 Resp: 102015
Ion Ratio Lower Upper
117 100
82 53.3 46.8 70.2
119 32.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

Tgt Ion:152 Resp: 62872
Ion Ratio Lower Upper
152 100
115 58.7 43.4 130.1
150 160.3 0.0 346.8

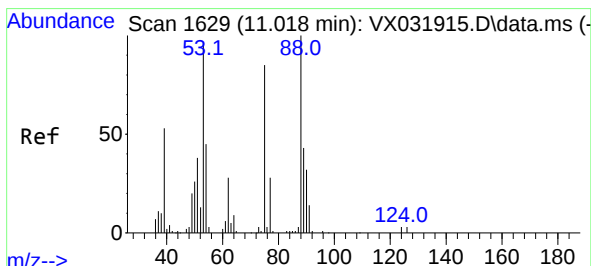
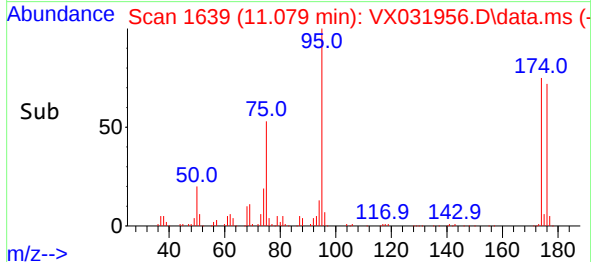
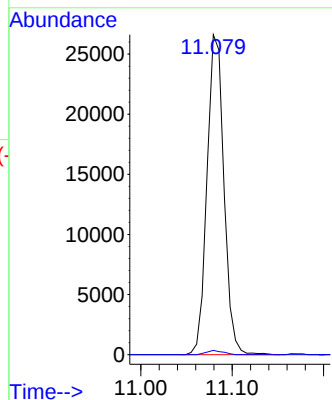
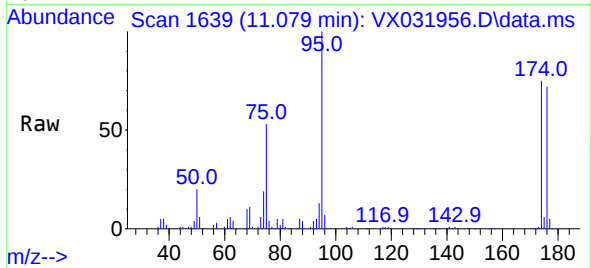




#76
1,2,3-Trichloropropane
Concen: 26.477 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 34117
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031956.D
Acq: 07 Oct 2022 12:52

Tgt Ion: 75 Resp: 34117
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

