

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032821.D
 Acq On : 15 Nov 2022 14:40
 Operator : JC/MD
 Sample : N5612-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 16 03:33:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

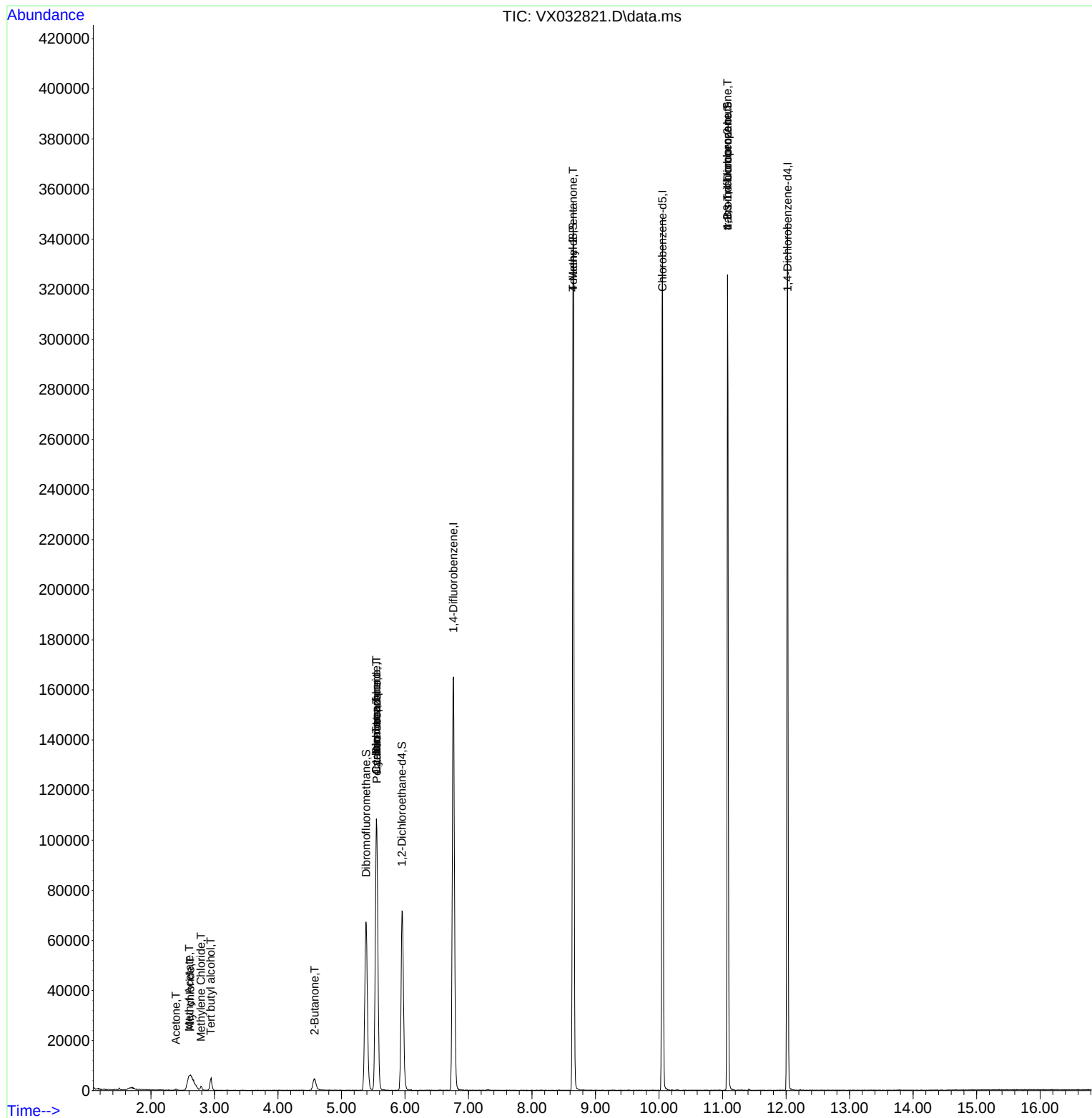
Internal Standards						
1) Pentafluorobenzene	5.556	168	103729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72922	50.595	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.180%	
35) Dibromofluoromethane	5.385	113	58118	47.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.520%	
50) Toluene-d8	8.647	98	210263	49.168	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	11.079	95	79743	47.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2748	13.100	ug/l #	72
14) Allyl chloride	2.617	41	503	0.303	ug/l #	3
16) Acetone	2.392	43	747	1.426	ug/l #	80
18) Methyl Acetate	2.605	43	2963	1.739	ug/l #	51
20) Methylene Chloride	2.788	84	663	0.552	ug/l #	79
25) 2-Butanone	4.574	43	320	0.394	ug/l #	47
31) Cyclohexane	5.550	56	2167	1.240	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	8253	4.819	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10480	5.517	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	982	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43234	27.018	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43234	85.972	ug/l #	6

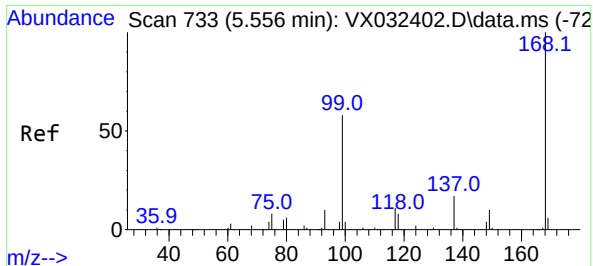
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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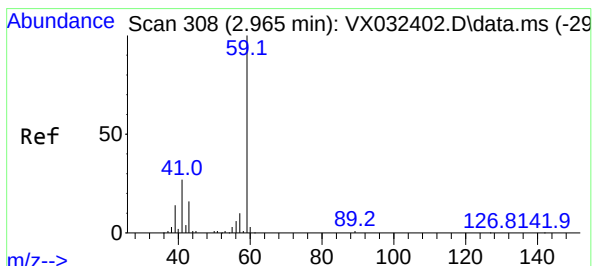
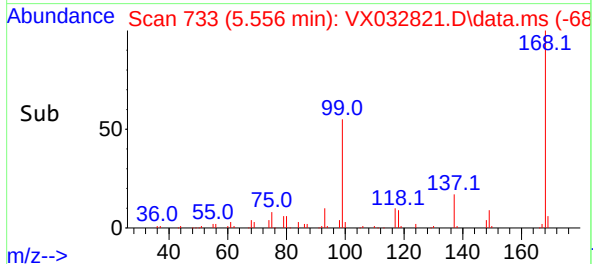
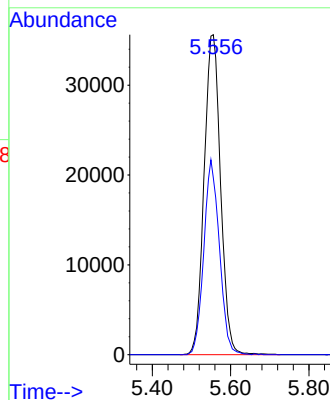
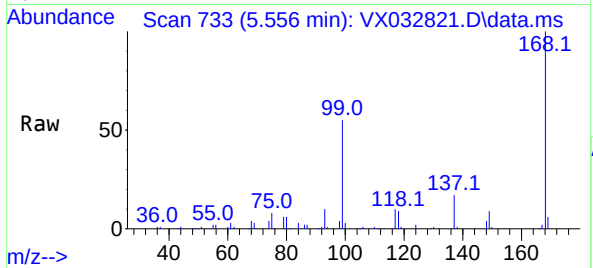




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

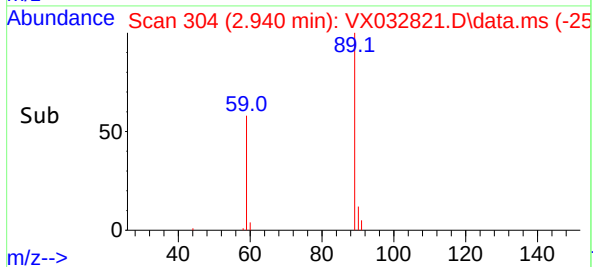
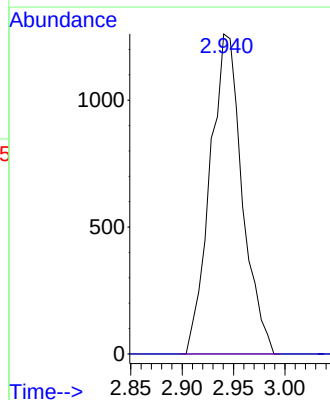
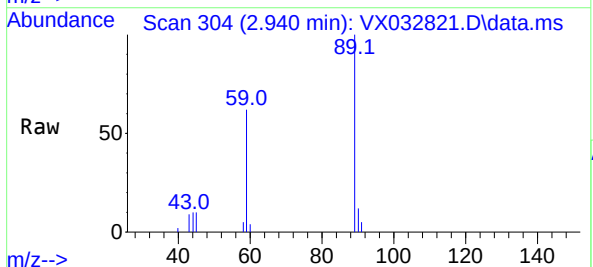
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

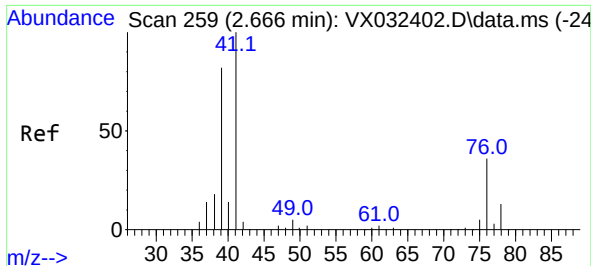
Tgt Ion:168 Resp: 103729
Ion Ratio Lower Upper
168 100
99 55.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 13.100 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

Tgt Ion: 59 Resp: 2748
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

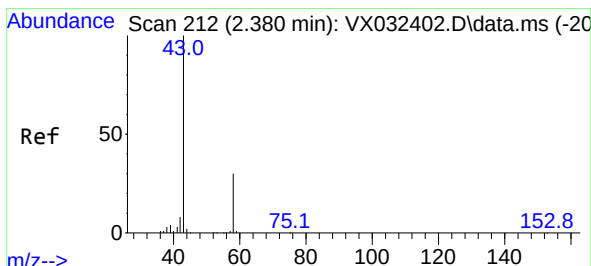
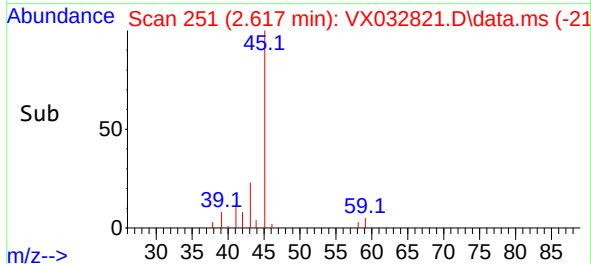
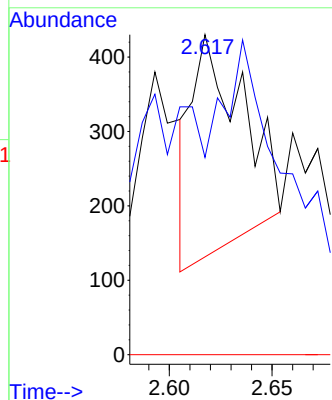
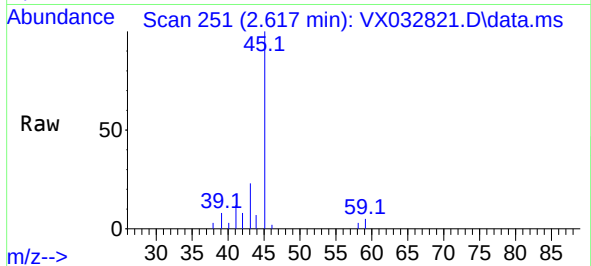




#14
 Allyl chloride
 Concen: 0.303 ug/l
 RT: 2.617 min Scan# 214
 Delta R.T. -0.049 min
 Lab File: VX032821.D
 Acq: 15 Nov 2022 14:40

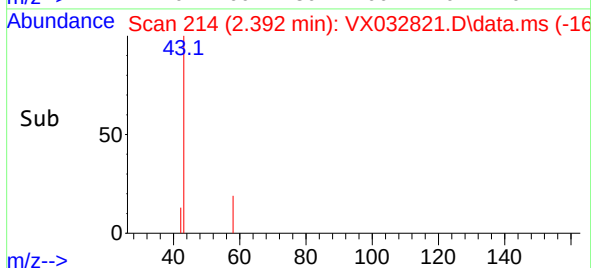
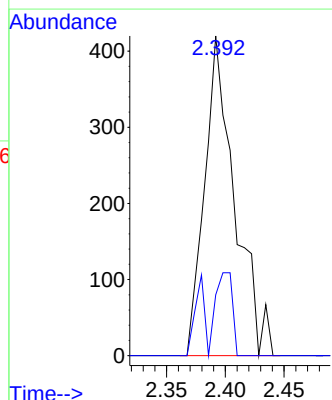
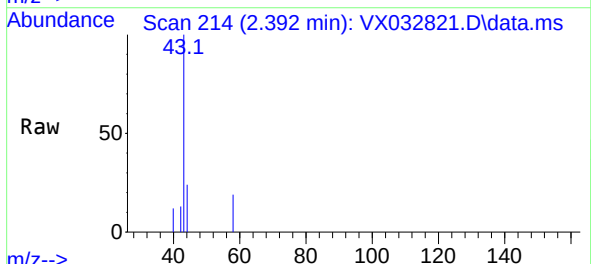
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

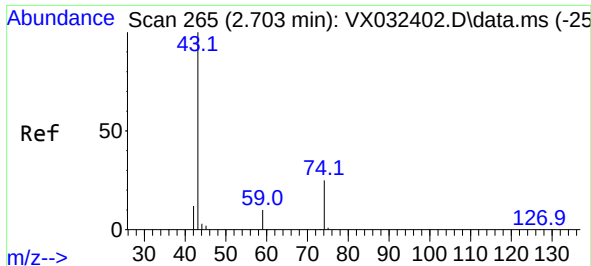
Tgt Ion: 41 Resp: 503
 Ion Ratio Lower Upper
 41 100
 39 175.0 61.4 92.2#
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 1.426 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.012 min
 Lab File: VX032821.D
 Acq: 15 Nov 2022 14:40

Tgt Ion: 43 Resp: 747
 Ion Ratio Lower Upper
 43 100
 58 19.0 23.8 35.8#

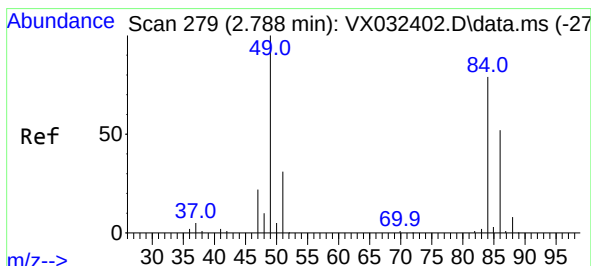
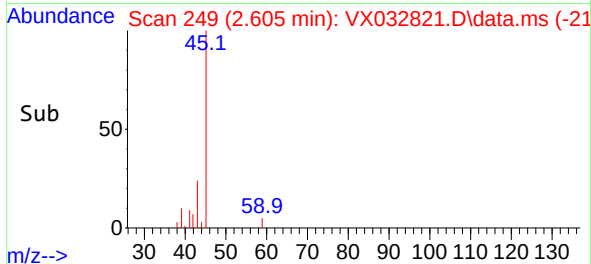
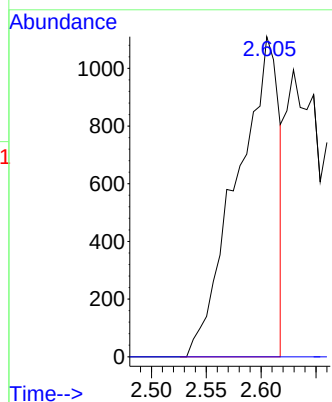
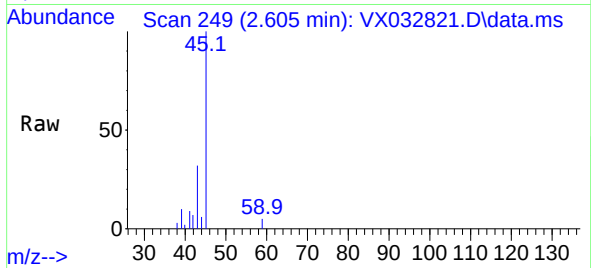




#18
Methyl Acetate
Concen: 1.739 ug/l
RT: 2.605 min Scan# 249
Delta R.T. -0.098 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

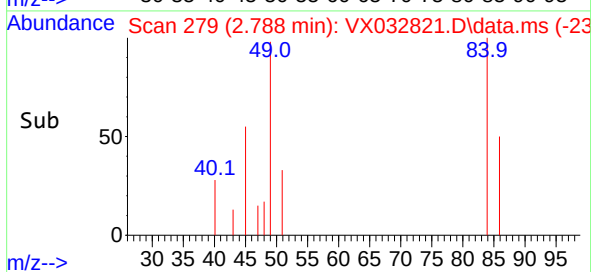
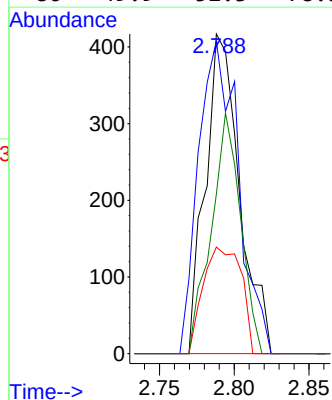
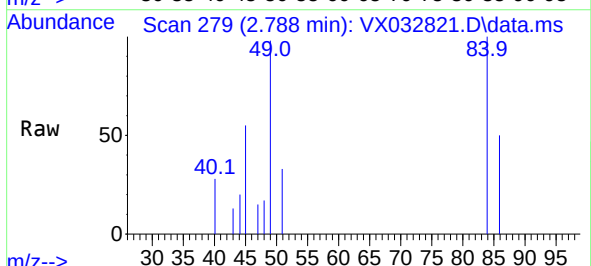
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

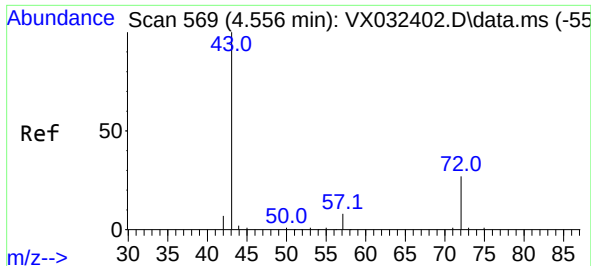
Tgt Ion: 43 Resp: 2963
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: 0.552 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

Tgt Ion: 84 Resp: 663
Ion Ratio Lower Upper
84 100
49 97.8 101.0 151.6#
51 33.3 31.1 46.7
86 49.9 52.3 78.5#





#25

2-Butanone

Concen: 0.394 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX032821.D

Acq: 15 Nov 2022 14:40

Instrument :

MSVOA_X

ClientSampleId :

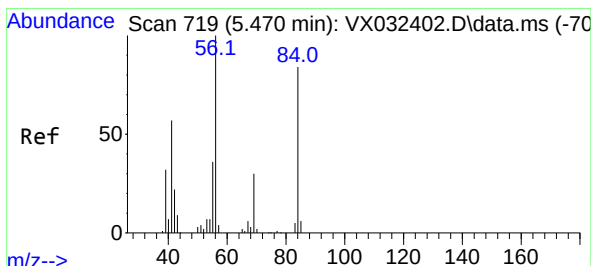
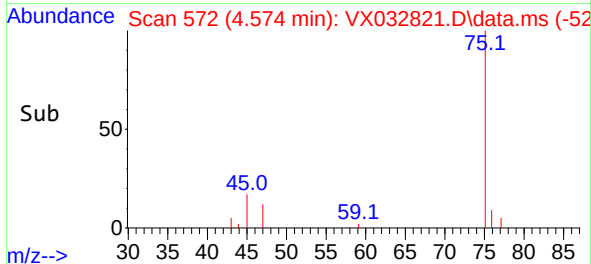
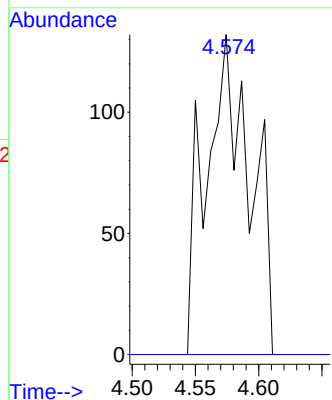
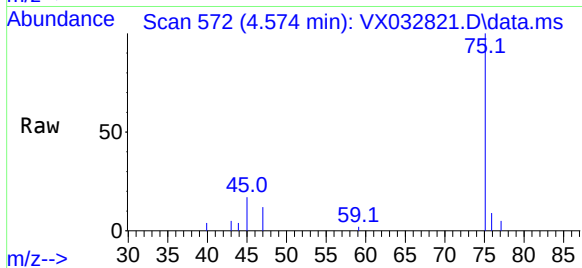
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 320

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.240 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032821.D

Acq: 15 Nov 2022 14:40

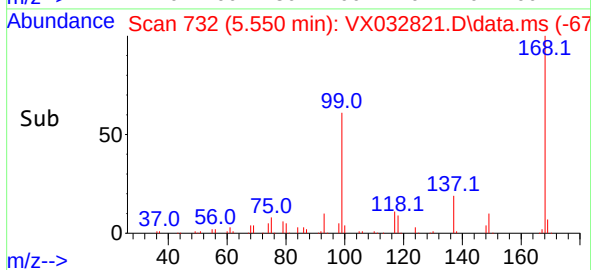
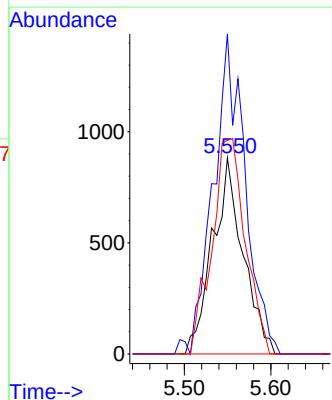
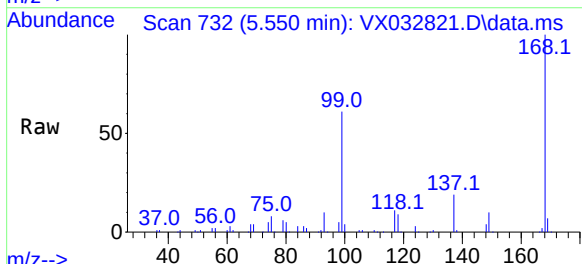
Tgt Ion: 56 Resp: 2167

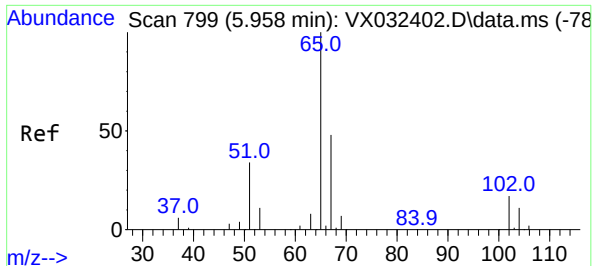
Ion Ratio Lower Upper

56 100

69 163.1 24.1 36.1#

84 108.8 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 50.595 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032821.D

Acq: 15 Nov 2022 14:40

Instrument :

MSVOA_X

ClientSampleId :

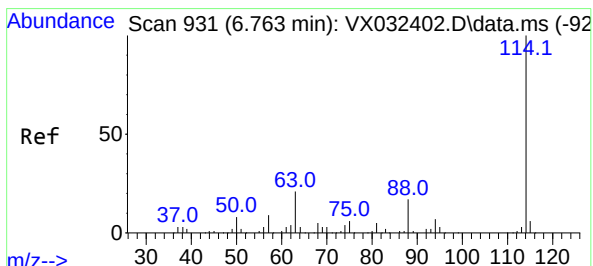
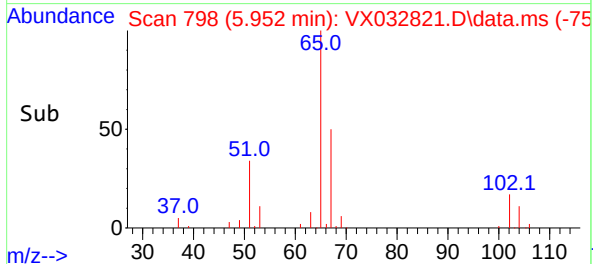
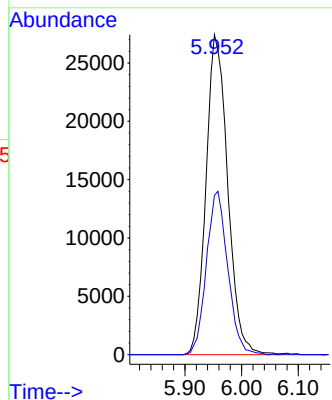
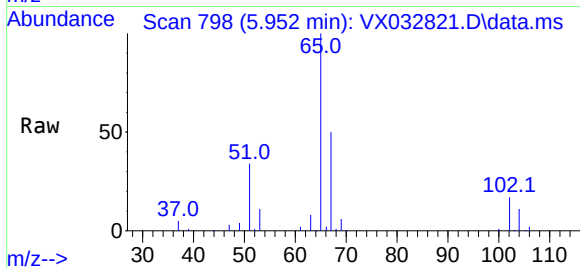
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 72922

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032821.D

Acq: 15 Nov 2022 14:40

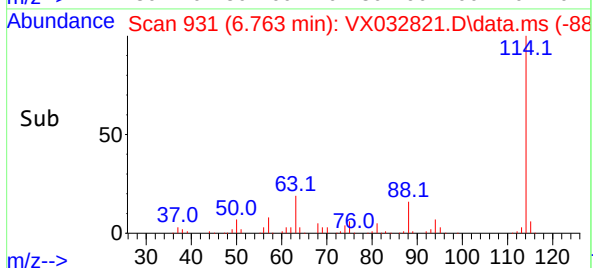
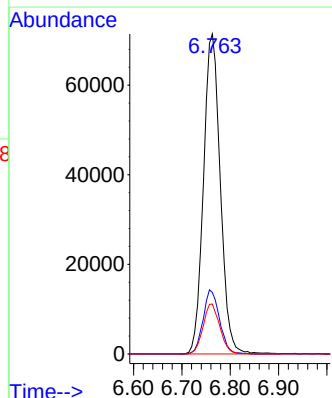
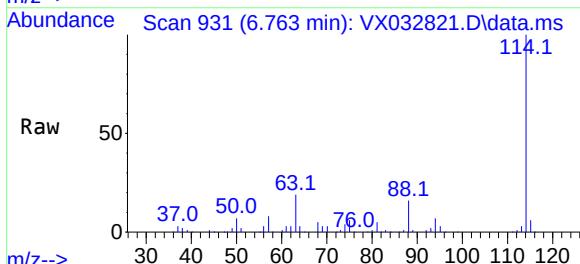
Tgt Ion: 114 Resp: 172414

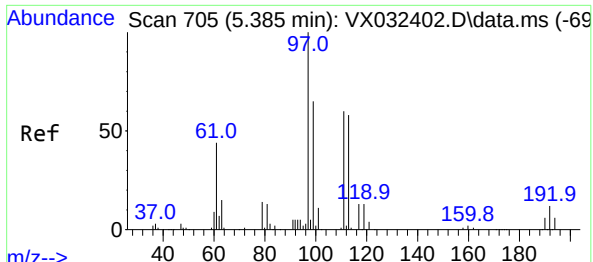
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 15.6 0.0 33.4



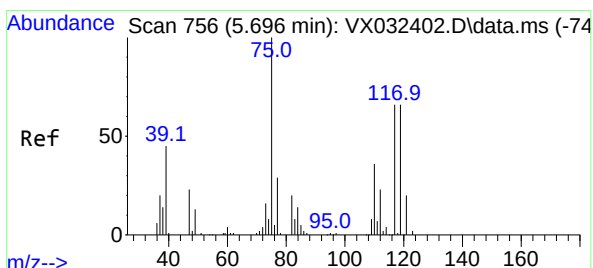
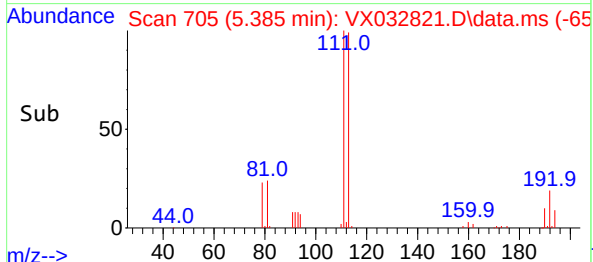
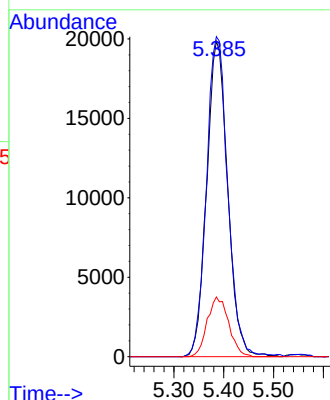
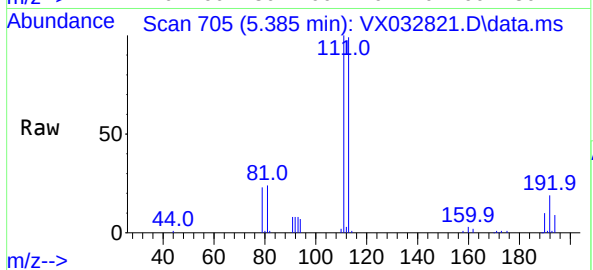


#35
Dibromofluoromethane
Concen: 47.256 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

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

Tgt Ion:113 Resp: 58118

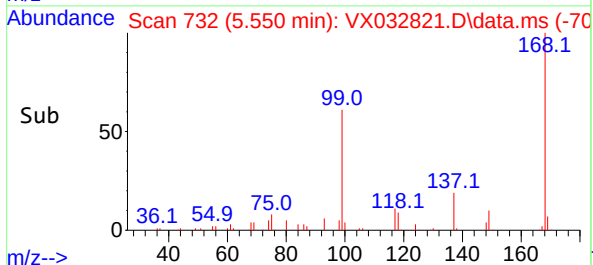
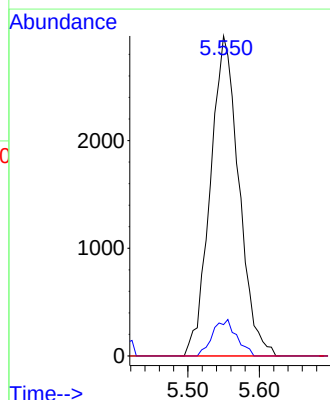
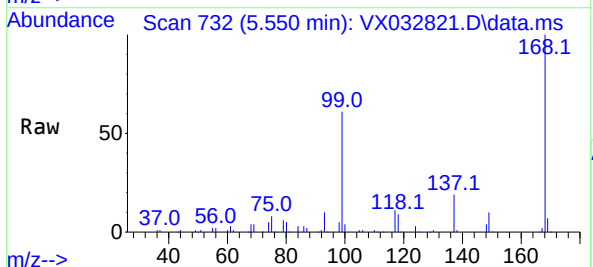
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	19.3	15.4	23.2

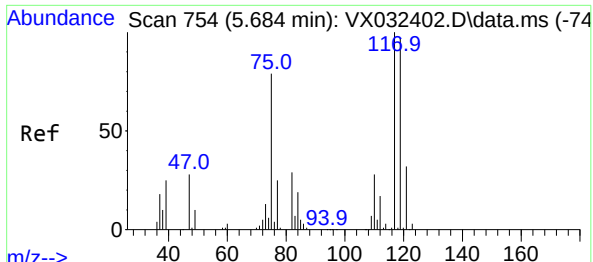


#36
1,1-Dichloropropene
Concen: 4.819 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

Tgt Ion: 75 Resp: 8253

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.4	55.2#
77	0.0	24.5	36.7#

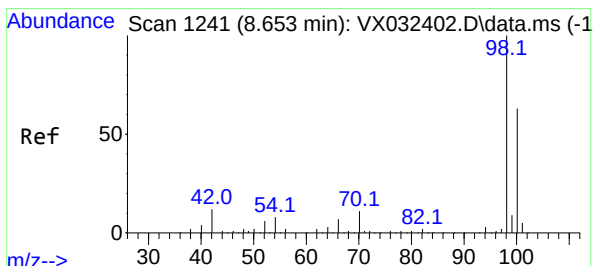
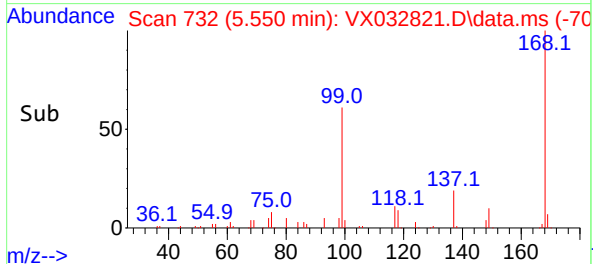
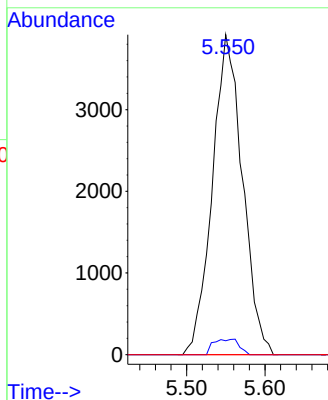
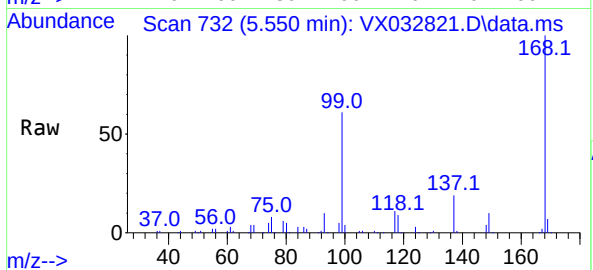




#38
Carbon Tetrachloride
Concen: 5.517 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

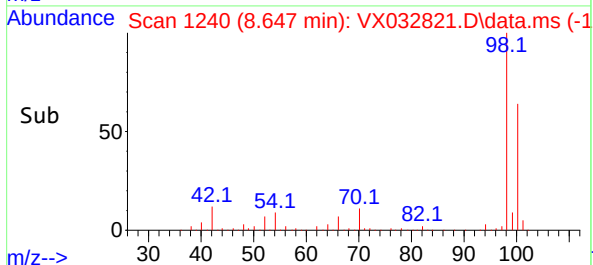
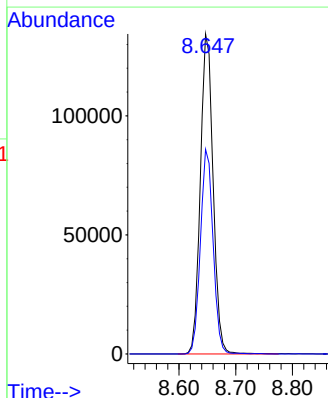
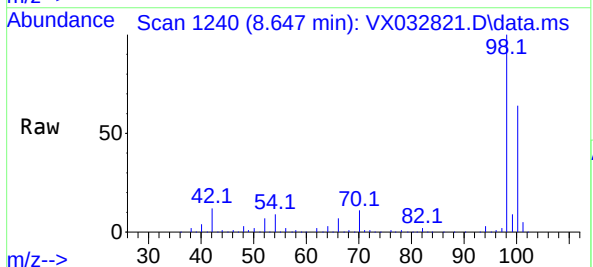
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

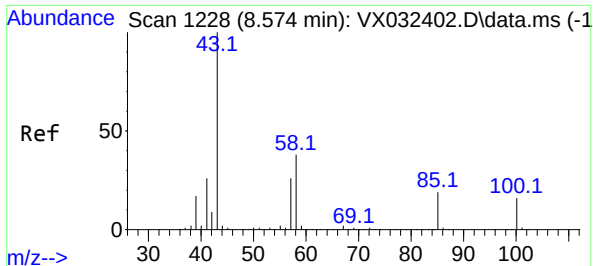
Tgt Ion:117 Resp: 10480
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.168 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

Tgt Ion: 98 Resp: 210263
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.570 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032821.D

Acq: 15 Nov 2022 14:40

Instrument :

MSVOA_X

ClientSampleId :

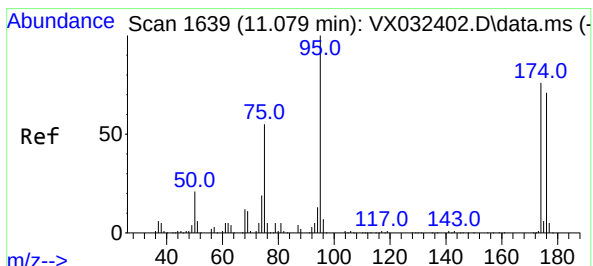
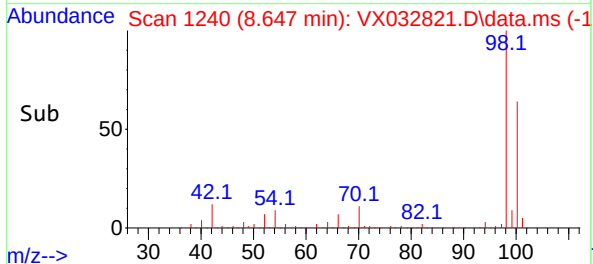
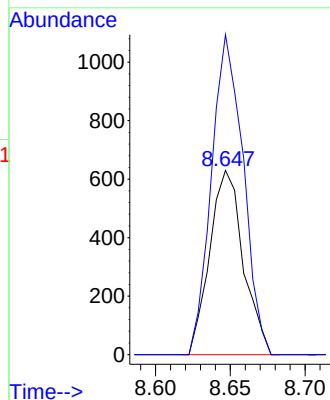
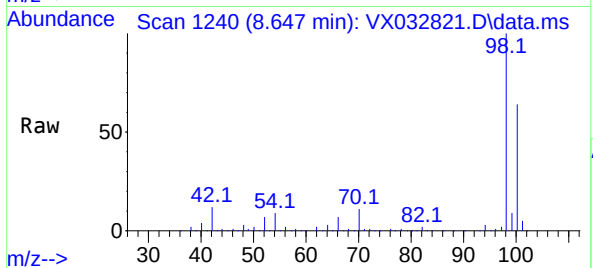
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 982

Ion Ratio Lower Upper

43 100

58 164.4 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 47.737 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032821.D

Acq: 15 Nov 2022 14:40

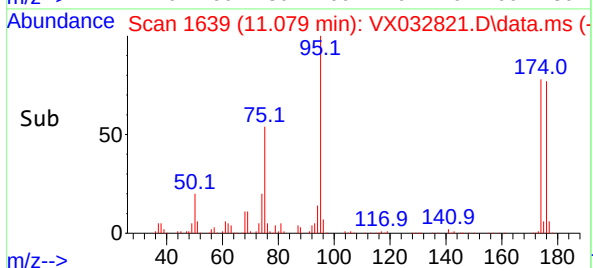
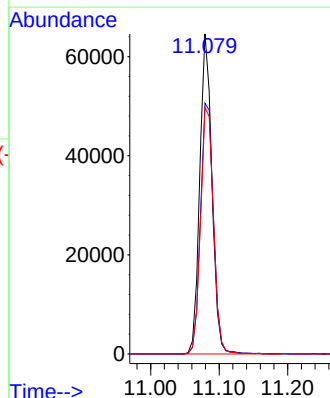
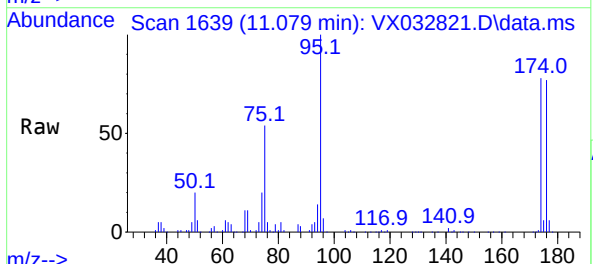
Tgt Ion: 95 Resp: 79743

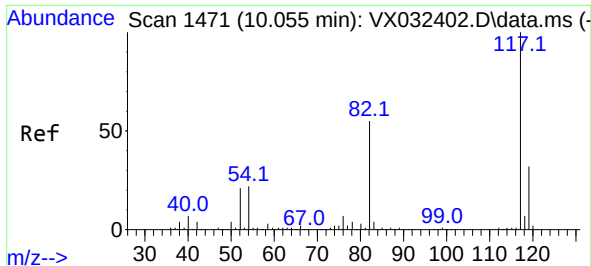
Ion Ratio Lower Upper

95 100

174 83.9 0.0 164.0

176 81.7 0.0 154.4

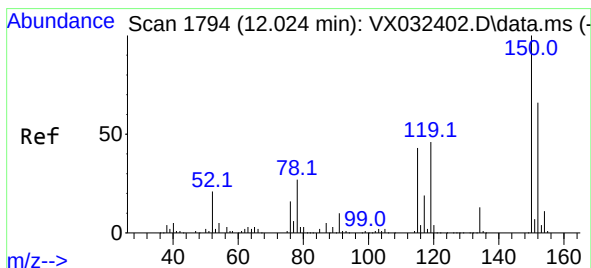
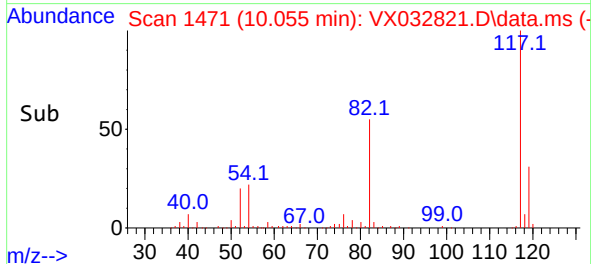
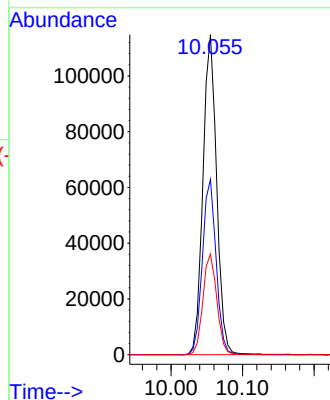
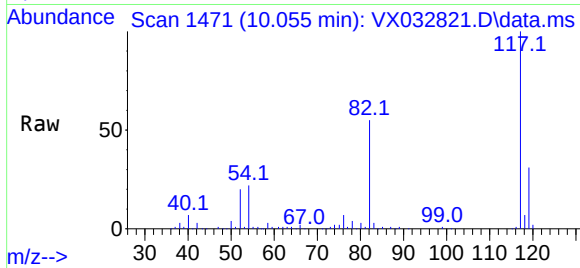




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

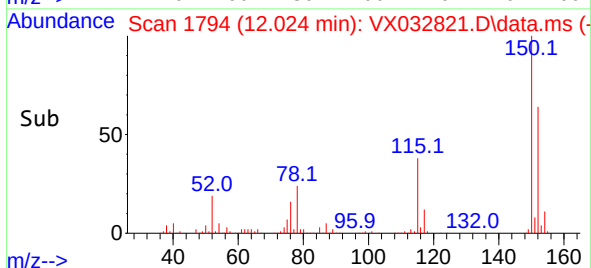
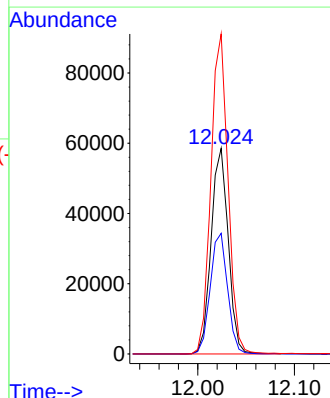
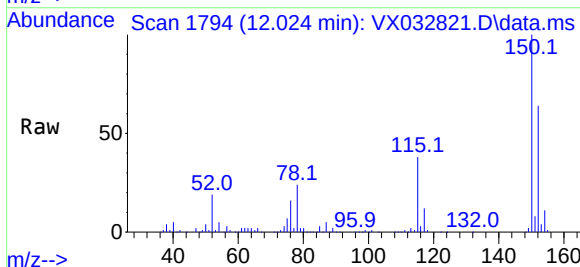
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

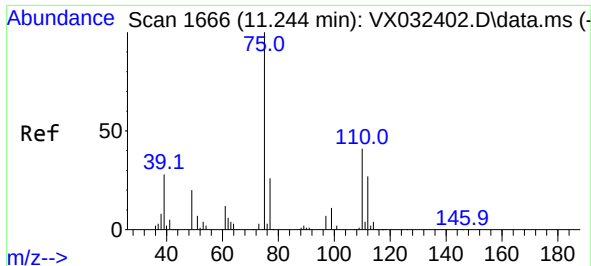
Tgt Ion:117 Resp: 152950
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

Tgt Ion:152 Resp: 71927
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 156.2 0.0 351.8

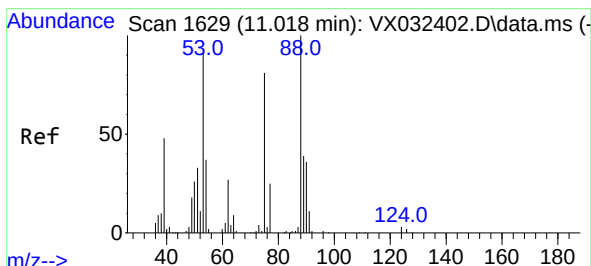
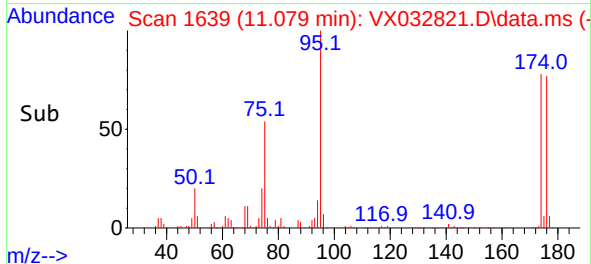
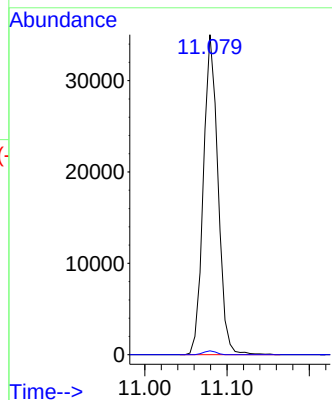
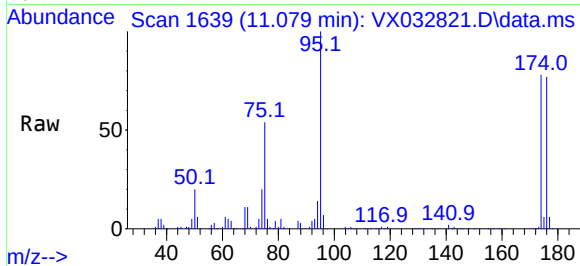




#76
1,2,3-Trichloropropane
Concen: 27.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

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

Tgt Ion: 75 Resp: 43234
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.972 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032821.D
Acq: 15 Nov 2022 14:40

Tgt Ion: 75 Resp: 43234
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

