

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024528.D
 Acq On : 04 Oct 2021 18:19
 Operator : JC/MD
 Sample : M4044-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 05 03:21:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

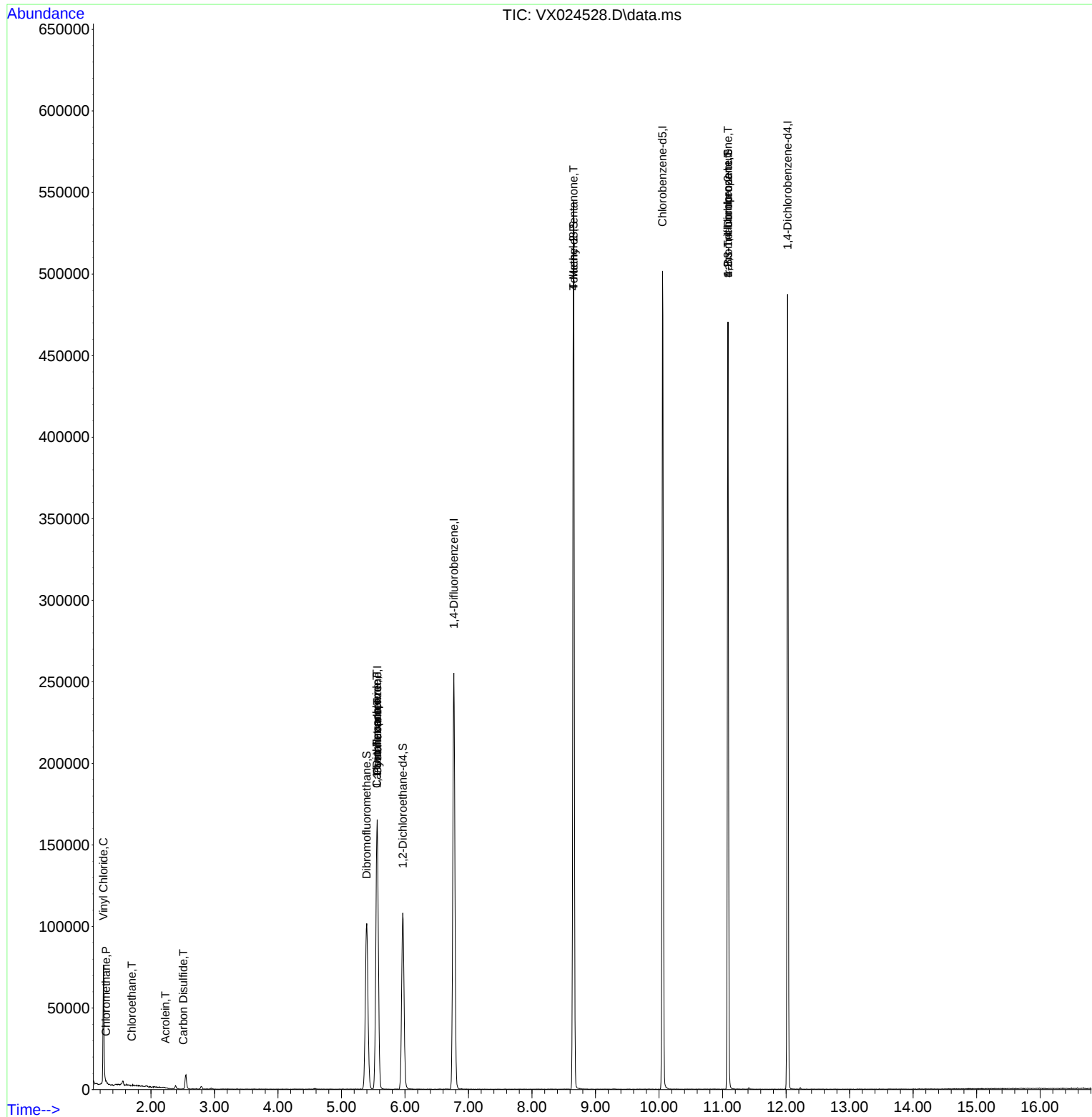
Internal Standards						
1) Pentafluorobenzene	5.562	168	153704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	250425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110883	51.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.380%	
35) Dibromofluoromethane	5.397	113	89572	53.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.680%	
50) Toluene-d8	8.653	98	321603	52.523	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	11.085	95	121754	50.573	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.140%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	422	0.289	ug/l #	66
4) Vinyl Chloride	1.252	62	509	0.334	ug/l #	1
6) Chloroethane	1.697	64	163	0.418	ug/l #	43
11) Tert butyl alcohol	2.946	59	413	Below Cal	#	73
13) Acrolein	2.227	56	19	10.213	ug/l #	14
16) Acetone	2.385	43	2168	Below Cal		95
17) Carbon Disulfide	2.507	76	89	0.252	ug/l #	75
20) Methylene Chloride	2.800	84	765	Below Cal	#	87
31) Cyclohexane	5.562	56	3116	1.201	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	11414	4.754	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15938	6.099	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1361	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	61481	27.991	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	61481	76.098	ug/l #	12

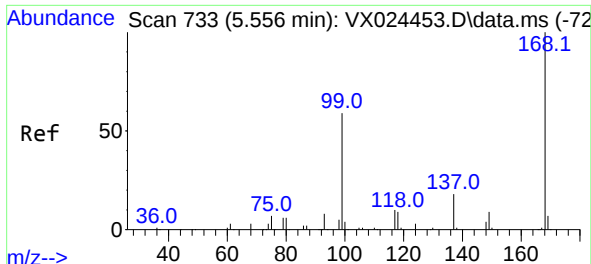
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
Data File : VX024528.D
Acq On : 04 Oct 2021 18:19
Operator : JC/MD
Sample : M4044-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 05 03:21:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

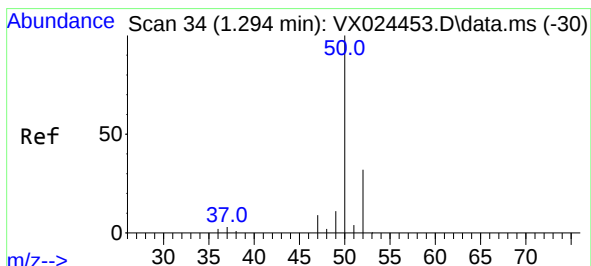
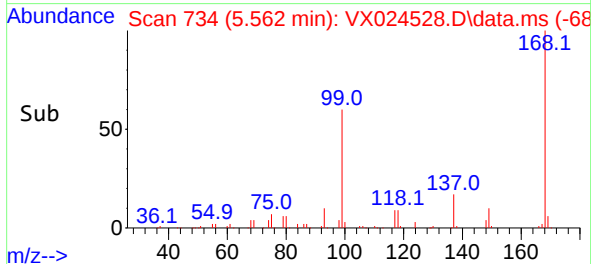
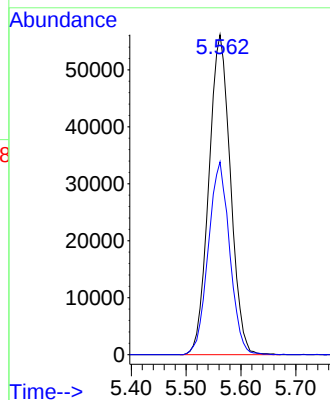
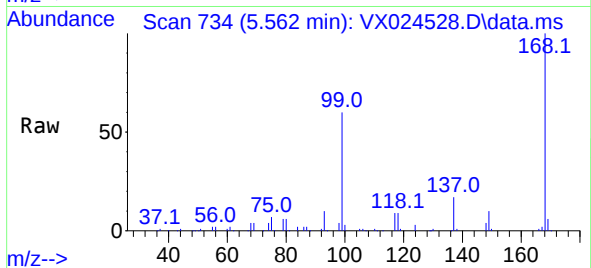




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

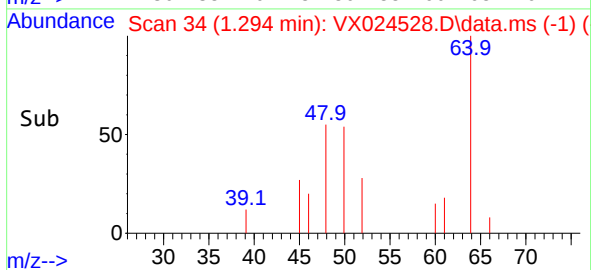
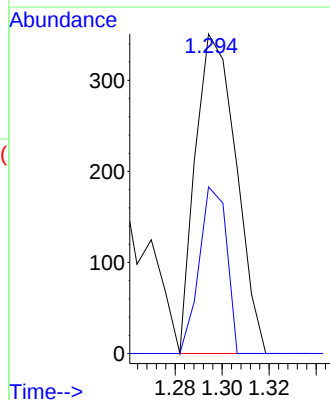
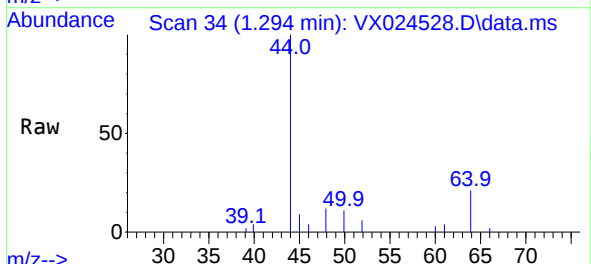
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

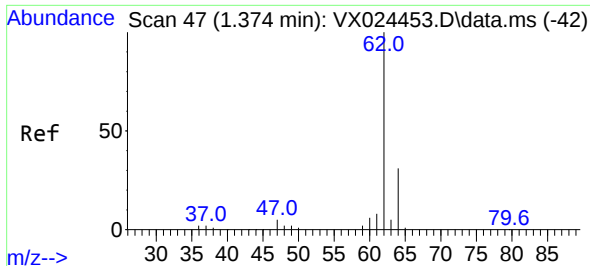
Tgt Ion:168 Resp: 153704
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#3
Chloromethane
Concen: 0.289 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

Tgt Ion: 50 Resp: 422
Ion Ratio Lower Upper
50 100
52 52.1 26.4 39.6#

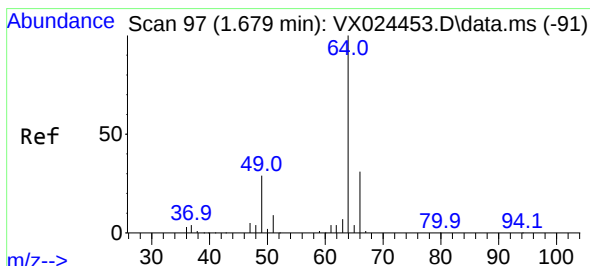
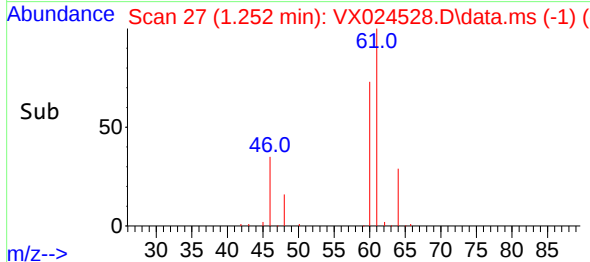
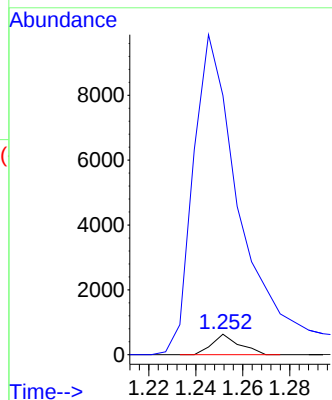
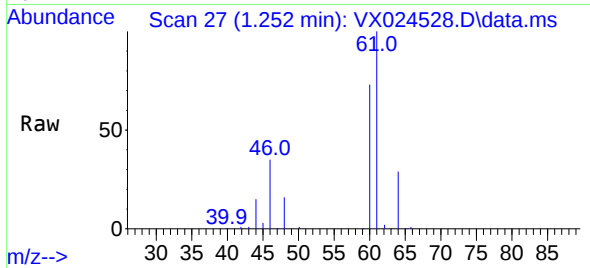




#4
 Vinyl Chloride
 Concen: 0.334 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024528.D
 Acq: 04 Oct 2021 18:19

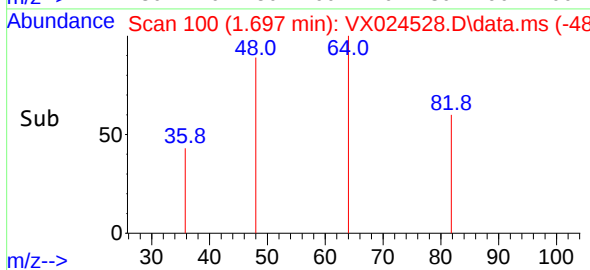
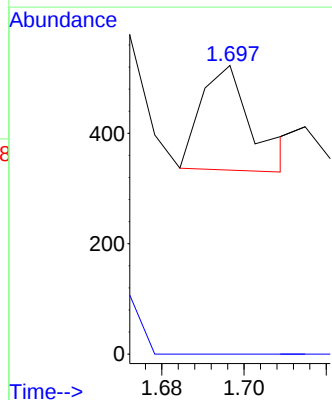
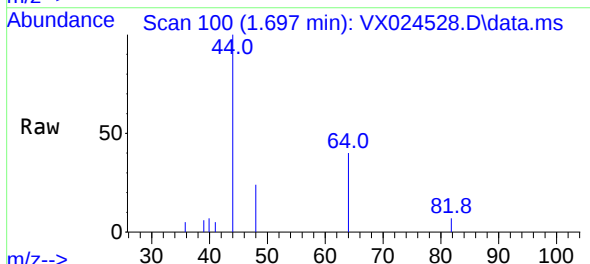
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

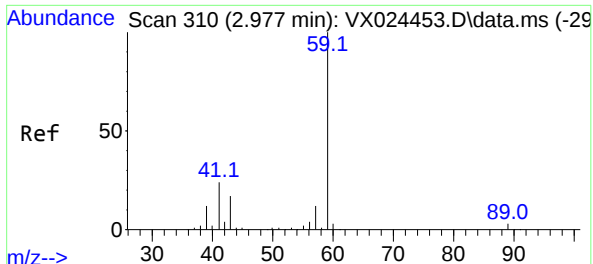
Tgt Ion: 62 Resp: 509
 Ion Ratio Lower Upper
 62 100
 64 1119.8 25.7 38.5#



#6
 Chloroethane
 Concen: 0.418 ug/l
 RT: 1.697 min Scan# 100
 Delta R.T. 0.018 min
 Lab File: VX024528.D
 Acq: 04 Oct 2021 18:19

Tgt Ion: 64 Resp: 163
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.4 38.0#



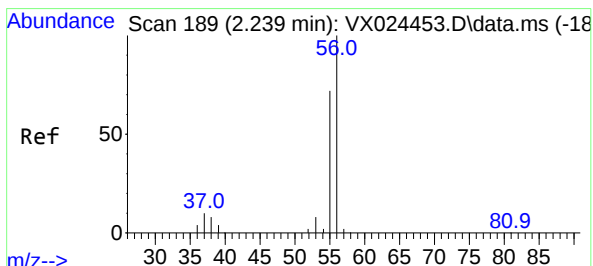
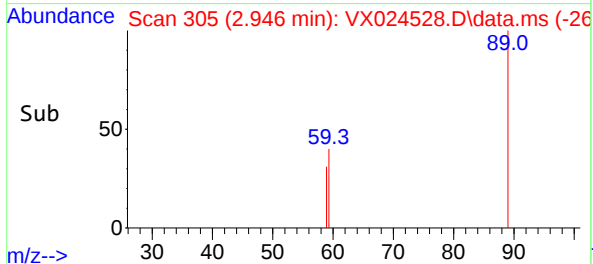
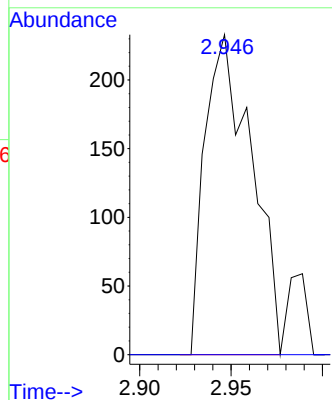
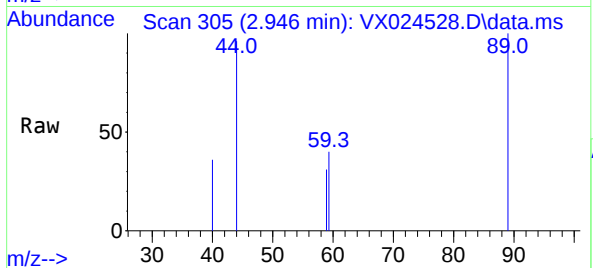


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

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

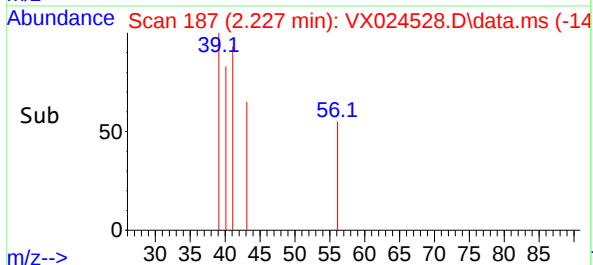
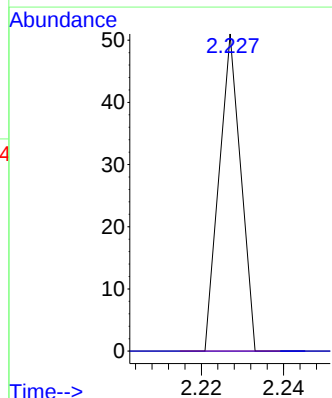
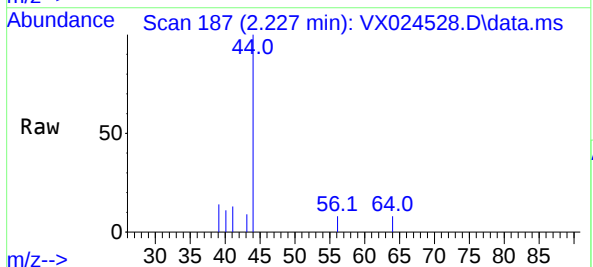
Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

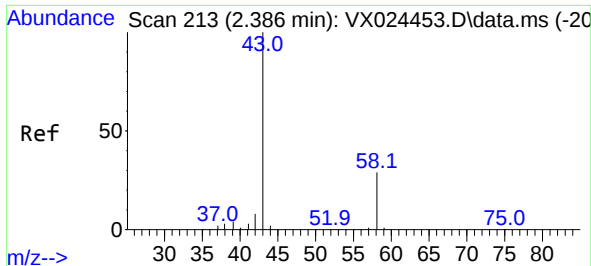


#13

Acrolein
Concen: 10.213 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

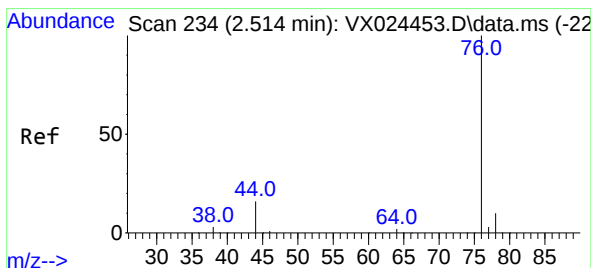
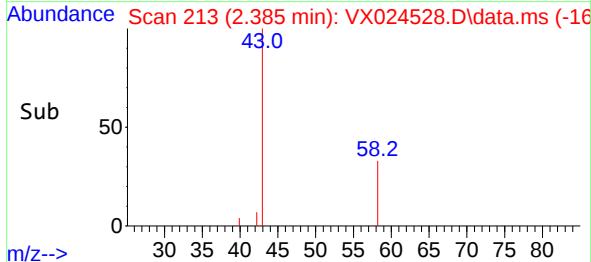
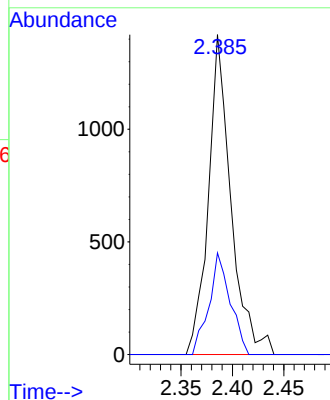
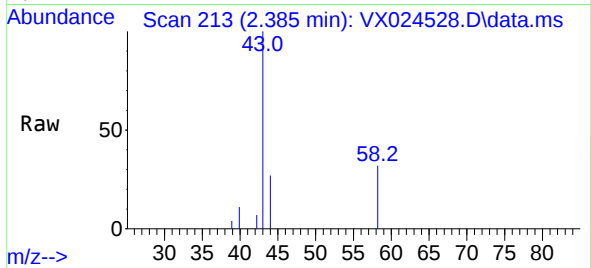




#16
Acetone
Concen: Below Cal
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

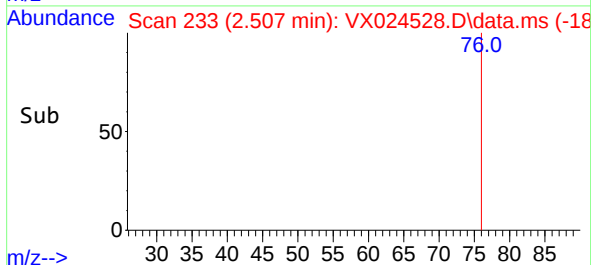
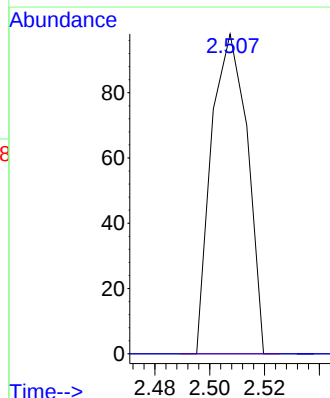
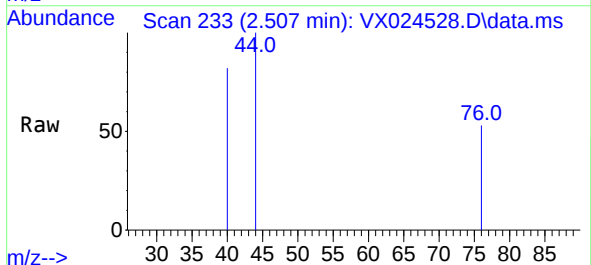
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

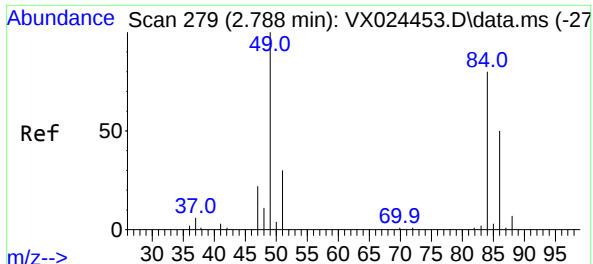
Tgt Ion: 43 Resp: 2168
Ion Ratio Lower Upper
43 100
58 31.8 27.8 41.8



#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

Tgt Ion: 76 Resp: 89
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX024528.D

Acq: 04 Oct 2021 18:19

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tgt Ion: 84 Resp: 765

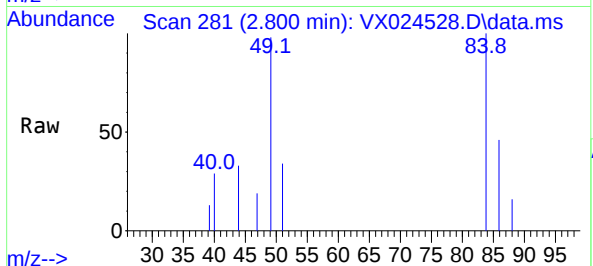
Ion Ratio Lower Upper

84 100

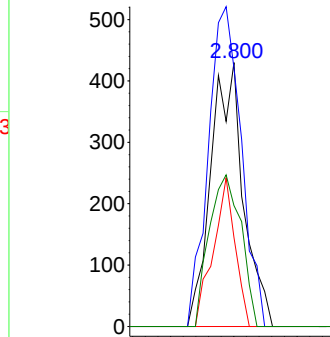
49 97.9 88.6 132.8

51 33.7 27.0 40.6

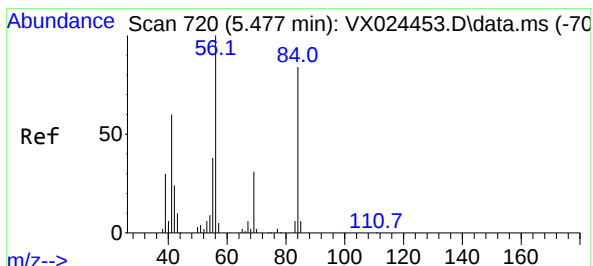
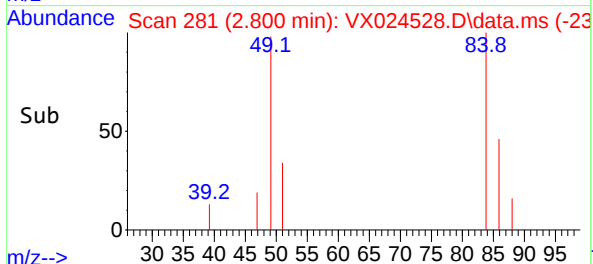
86 45.8 50.3 75.5#



Abundance



Time-->



#31

Cyclohexane

Concen: 1.201 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024528.D

Acq: 04 Oct 2021 18:19

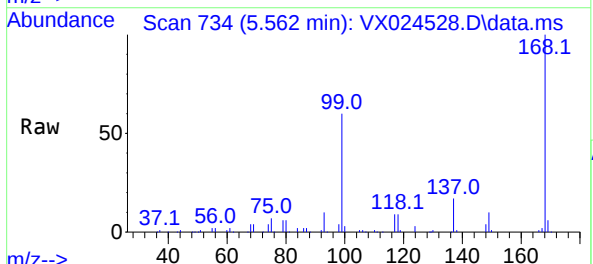
Tgt Ion: 56 Resp: 3116

Ion Ratio Lower Upper

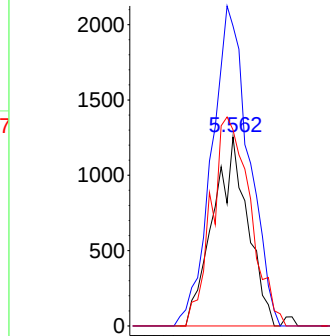
56 100

69 158.8 25.3 37.9#

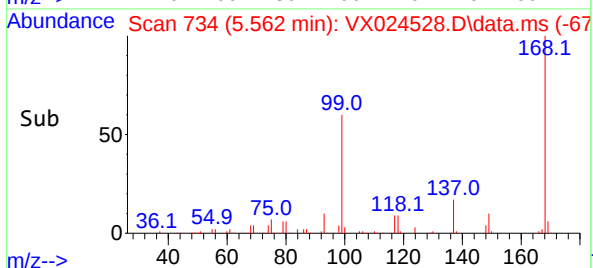
84 103.8 71.4 107.0

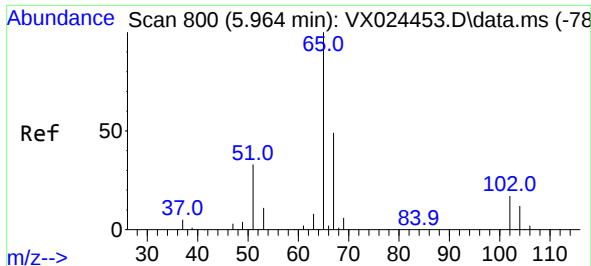


Abundance



Time-->



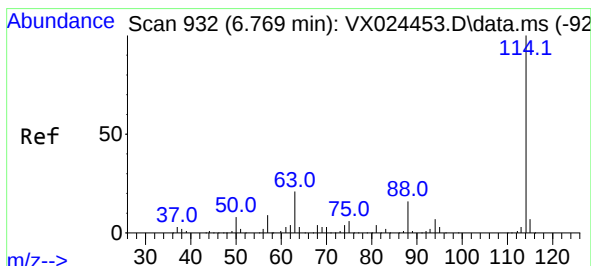
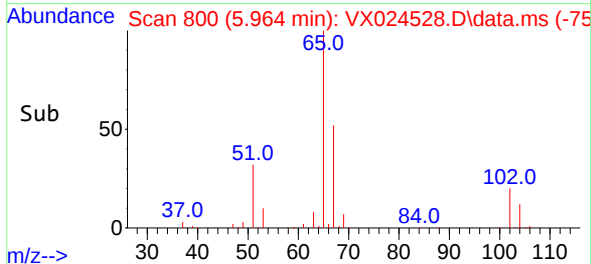
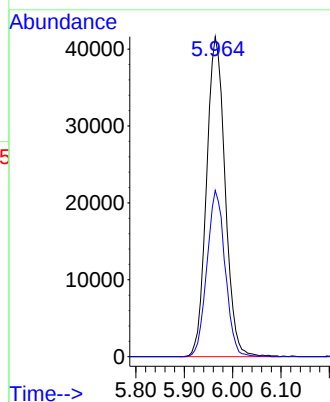
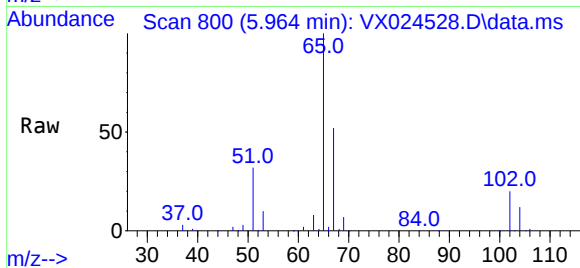


#33

1,2-Dichloroethane-d4
Concen: 51.186 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

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

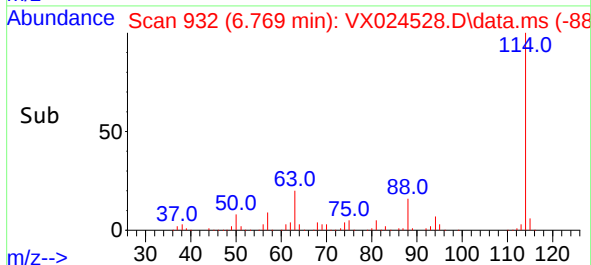
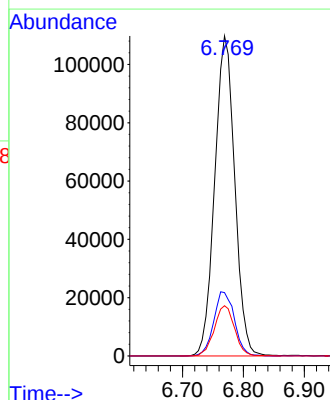
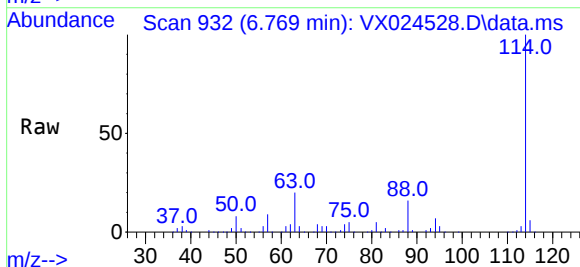
Tgt Ion: 65 Resp: 110883
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

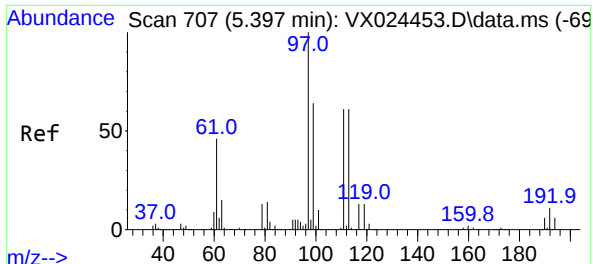


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

Tgt Ion: 114 Resp: 250425
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.7 0.0 32.8



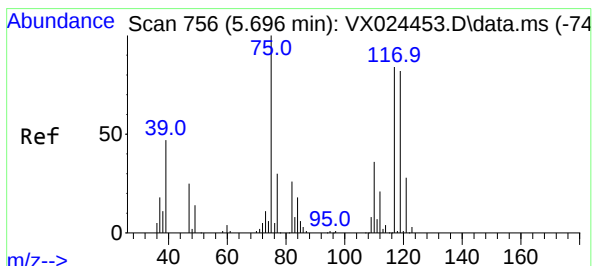
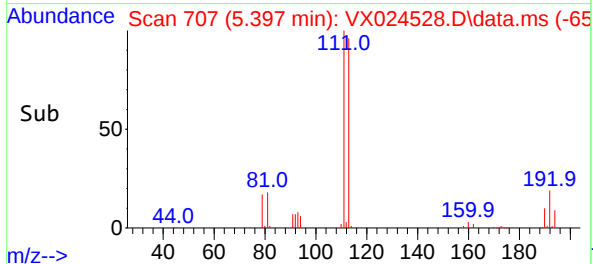
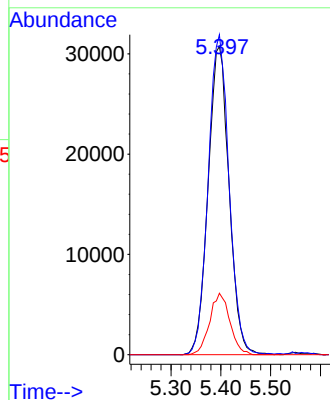
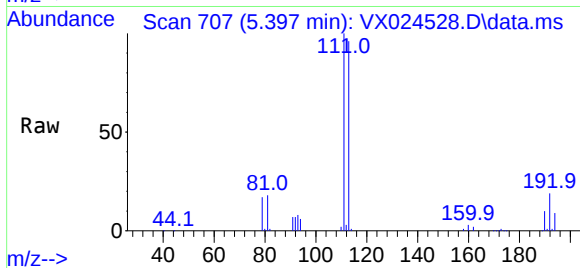


#35
Dibromofluoromethane
Concen: 53.841 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

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

Tgt Ion:113 Resp: 89572

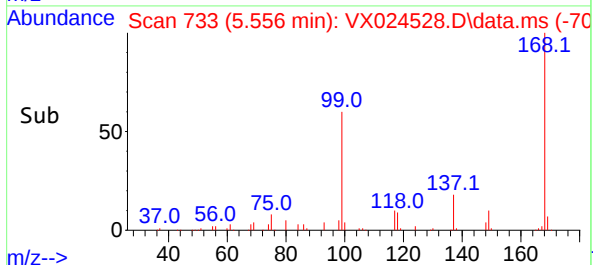
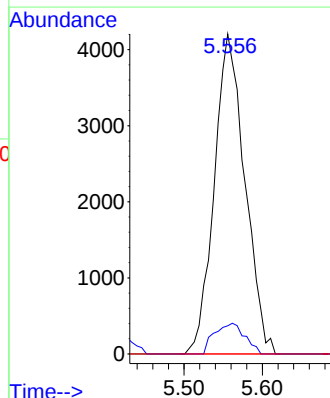
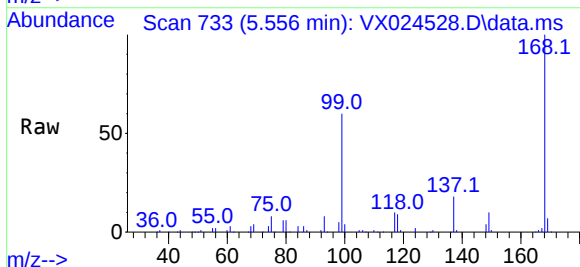
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	19.2	16.7	25.1

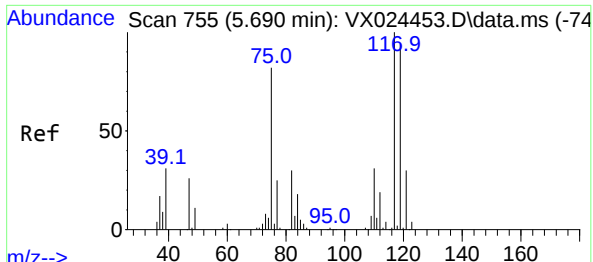


#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

Tgt Ion: 75 Resp: 11414

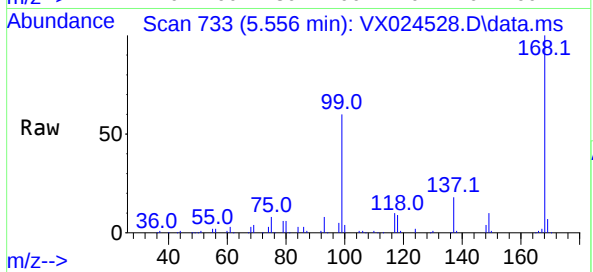
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#



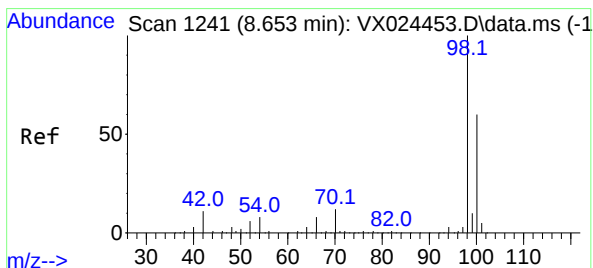
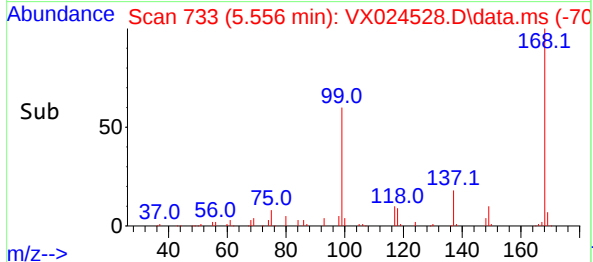
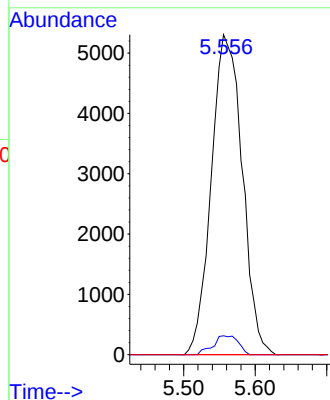


#38
Carbon Tetrachloride
Concen: 6.099 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

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

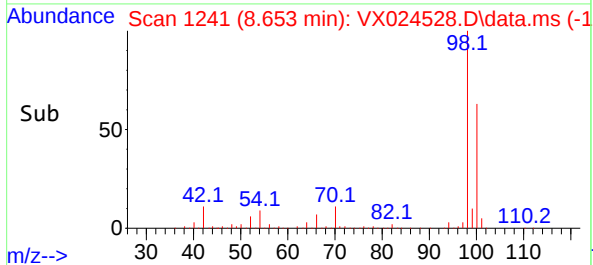
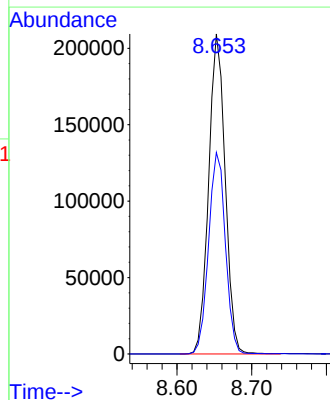
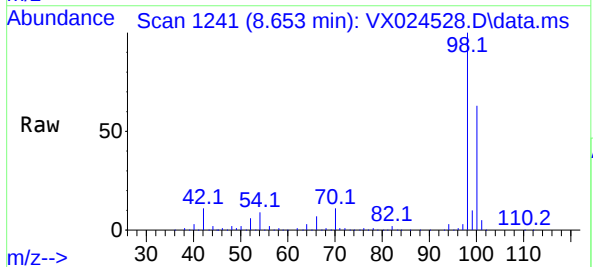


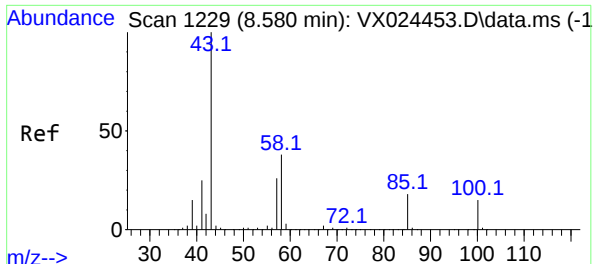
Tgt Ion:117 Resp: 15938
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.523 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

Tgt Ion: 98 Resp: 321603
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

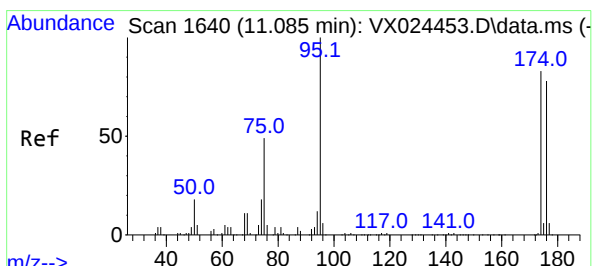
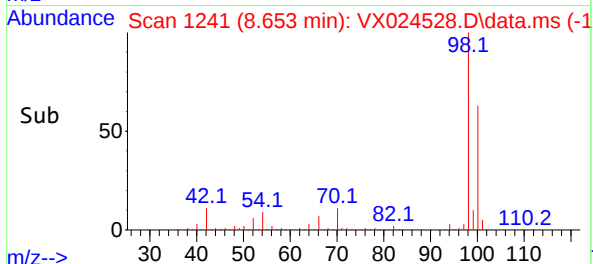
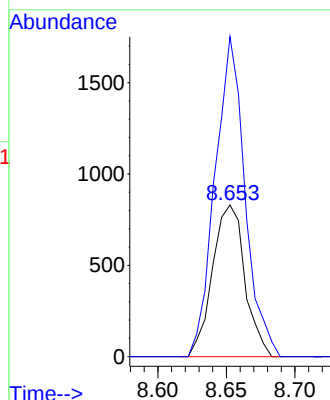
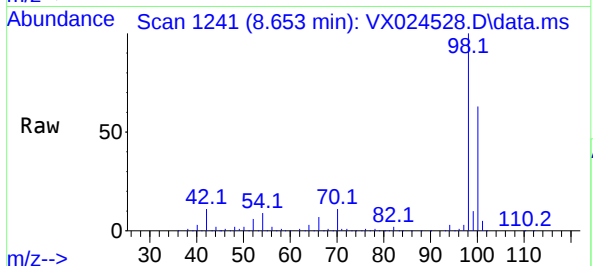




#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

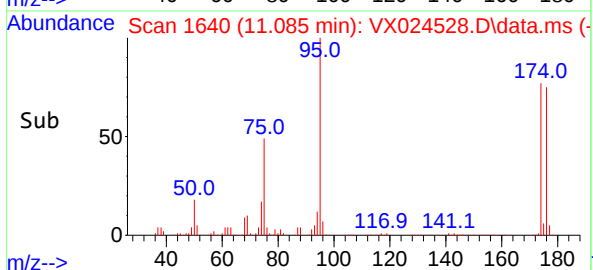
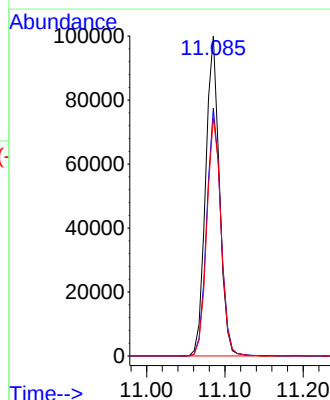
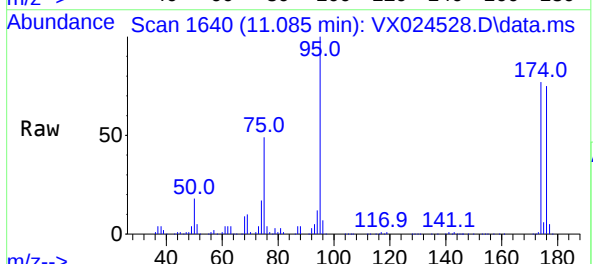
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

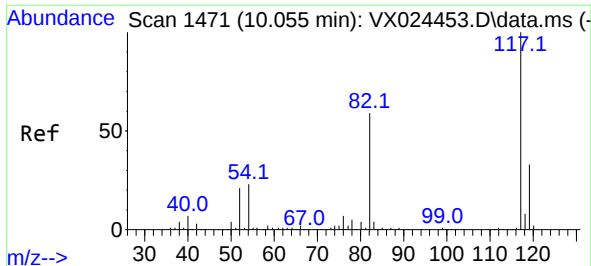
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
58 195.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 50.573 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

Tgt Ion: 95 Resp: 121754
Ion Ratio Lower Upper
95 100
174 79.3 0.0 154.6
176 76.4 0.0 155.8

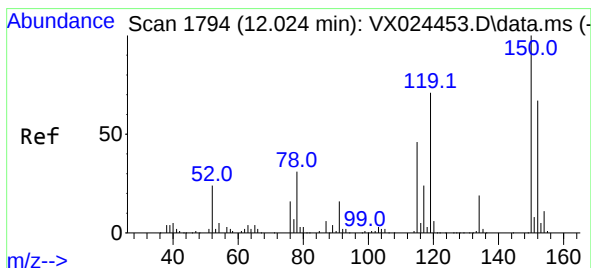
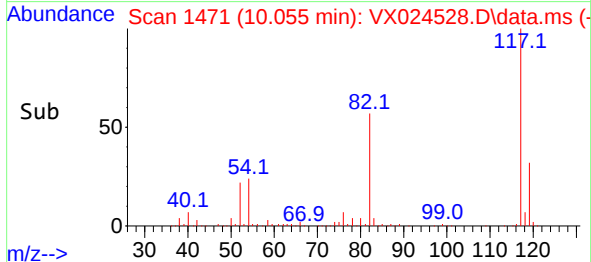
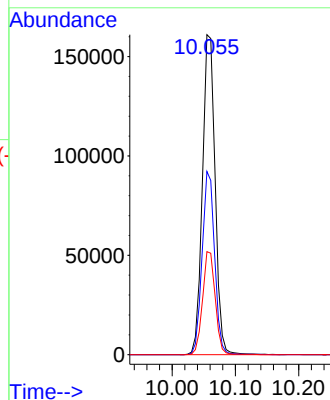
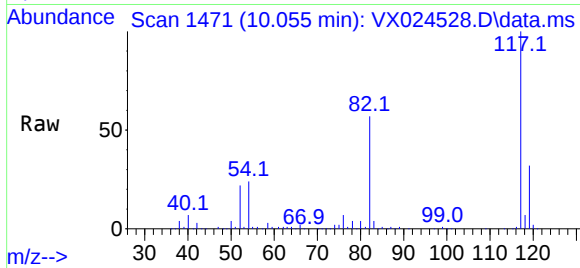




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

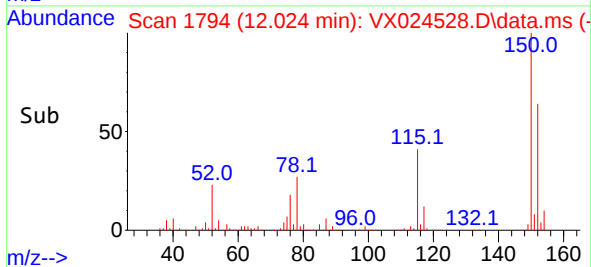
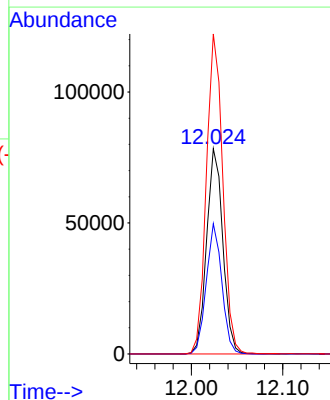
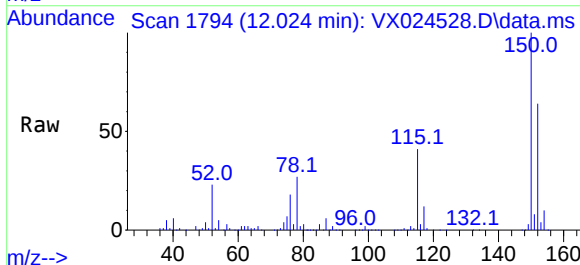
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

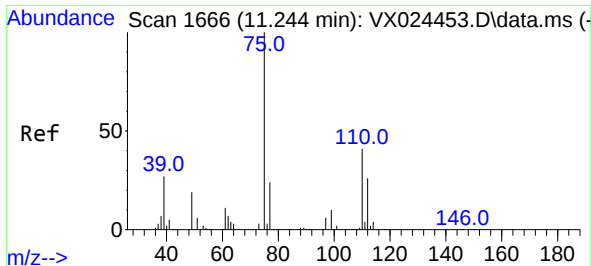
Tgt Ion:117 Resp: 225688
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

Tgt Ion:152 Resp: 96721
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 157.1 0.0 349.0

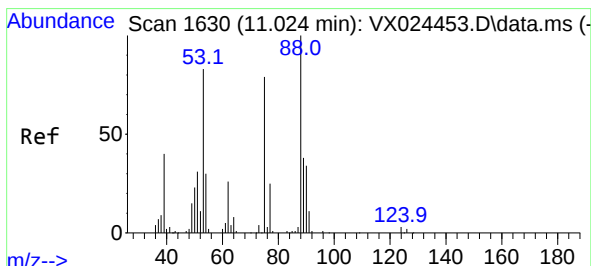
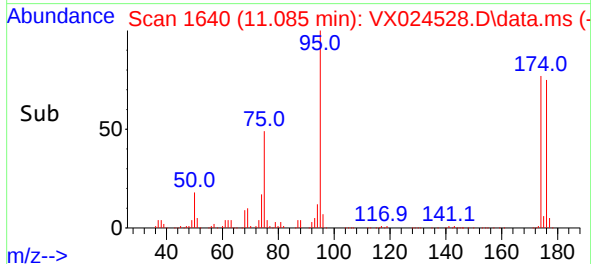
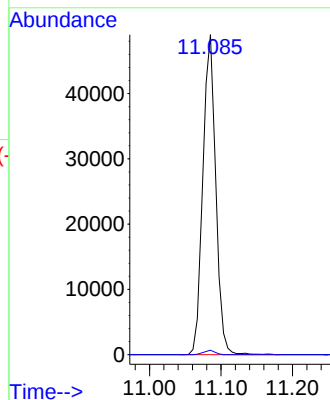
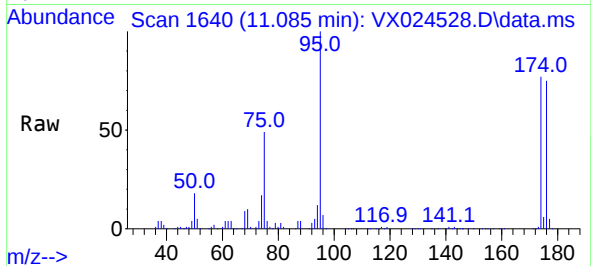




#76
1,2,3-Trichloropropane
Concen: 27.991 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

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

Tgt Ion: 75 Resp: 61481
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.098 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024528.D
Acq: 04 Oct 2021 18:19

Tgt Ion: 75 Resp: 61481
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

