

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031735.D
 Acq On : 28 Sep 2022 18:24
 Operator : JC/MD
 Sample : N4793-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Sep 29 04:33:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

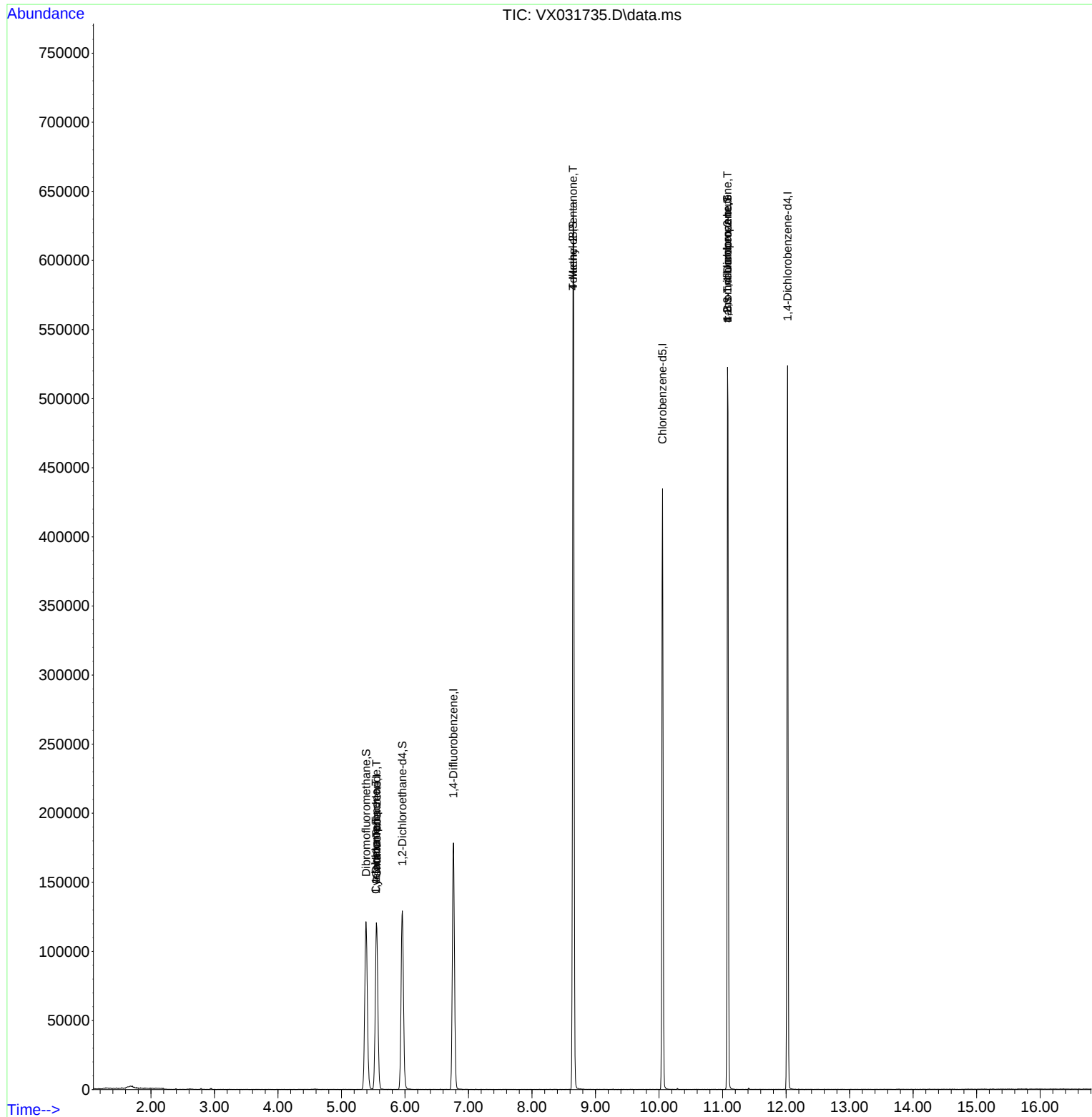
Internal Standards						
1) Pentafluorobenzene	5.556	168	111482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124189	52.487	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.980%	
35) Dibromofluoromethane	5.385	113	102109	46.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.340%	
50) Toluene-d8	8.647	98	387997	48.389	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.780%	
62) 4-Bromofluorobenzene	11.079	95	129461	44.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	35	Below Cal	#	41
5) Bromomethane	1.624	94	377	Below Cal	#	51
6) Chloroethane	1.666	64	98	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	379	Below Cal	#	73
16) Acetone	2.386	43	407	Below Cal	#	45
17) Carbon Disulfide	2.501	76	53	Below Cal	#	75
20) Methylene Chloride	2.788	84	310	Below Cal	#	64
31) Cyclohexane	5.544	56	2374	1.055	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	8974	3.533	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12202	4.263	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1572	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	71040	37.590	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	71040	123.128	ug/l #	11

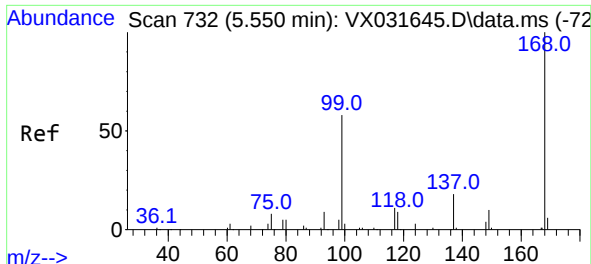
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
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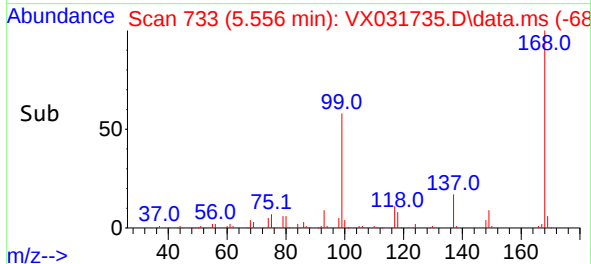
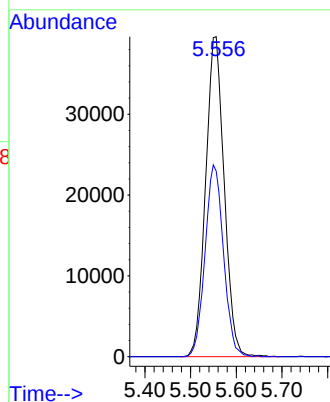
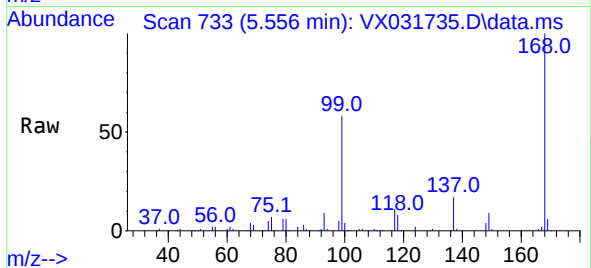




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

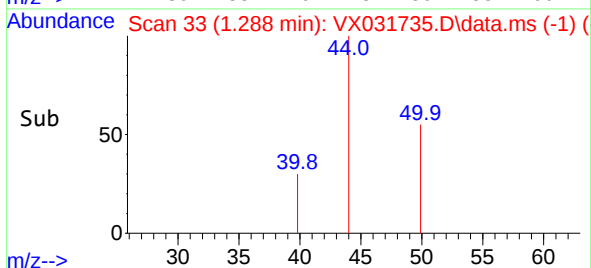
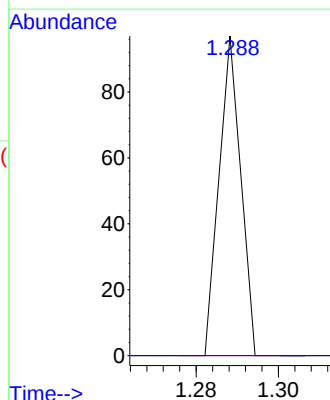
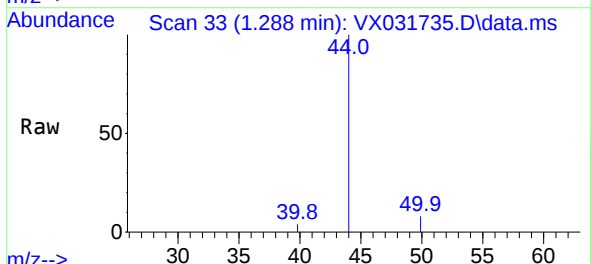
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

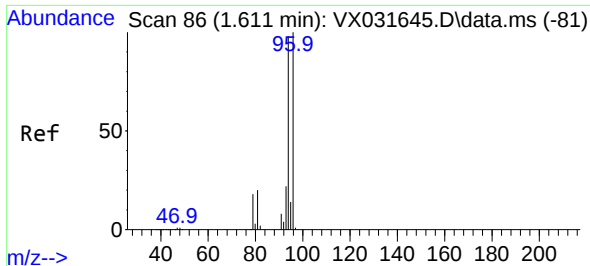
Tgt Ion:168 Resp: 111482
Ion Ratio Lower Upper
168 100
99 58.0 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

Tgt Ion: 50 Resp: 35
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

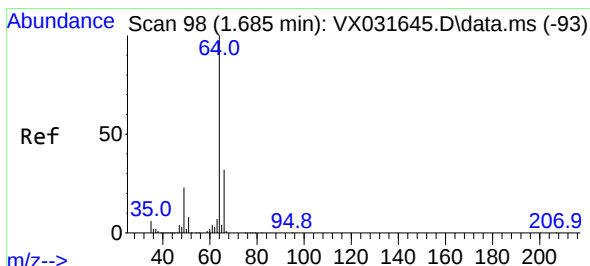
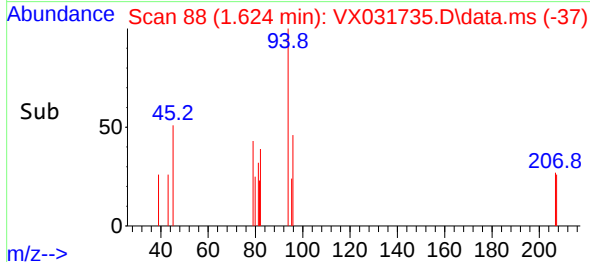
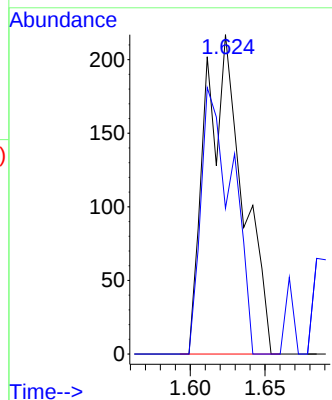
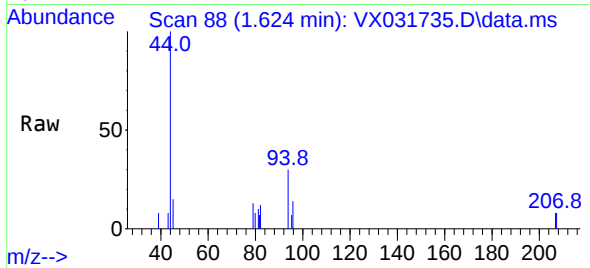




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

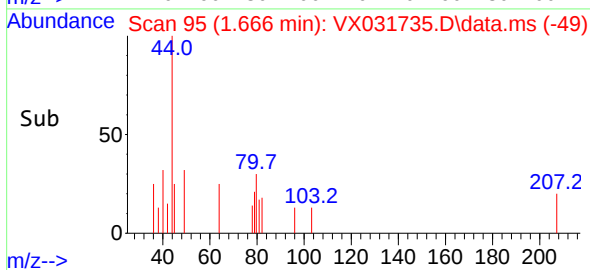
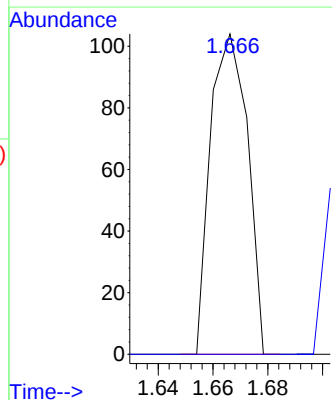
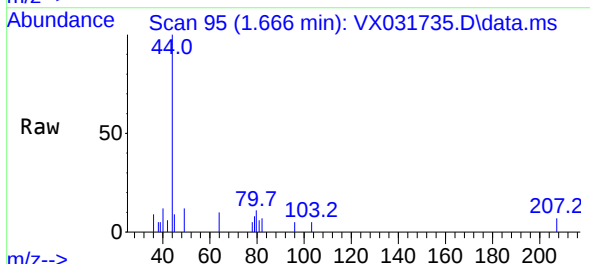
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

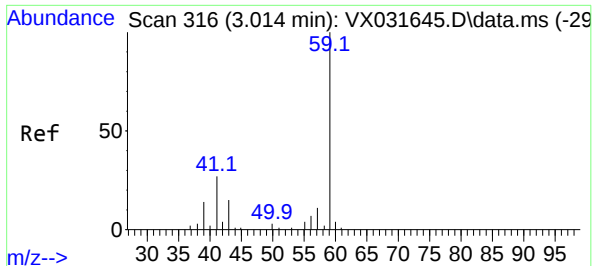
Tgt Ion: 94 Resp: 377
Ion Ratio Lower Upper
94 100
96 45.6 74.4 111.6#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

Tgt Ion: 64 Resp: 98
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 30

Delta R.T. -0.036 min

Lab File: VX031735.D

Acq: 28 Sep 2022 18:24

Instrument :

MSVOA_X

ClientSampleId :

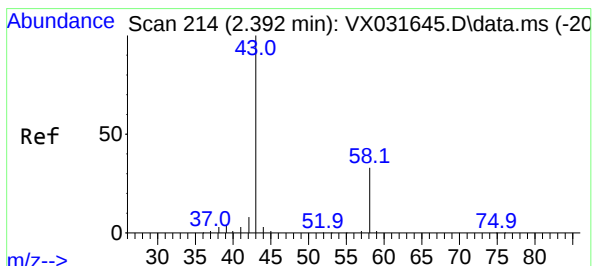
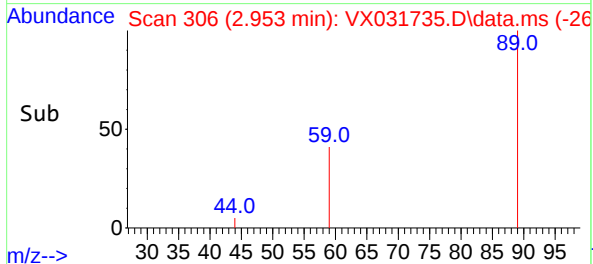
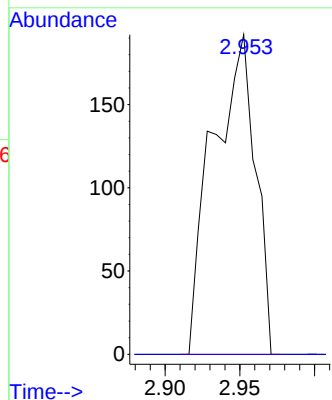
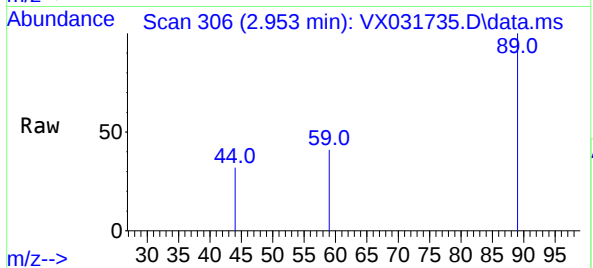
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 59 Resp: 379

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX031735.D

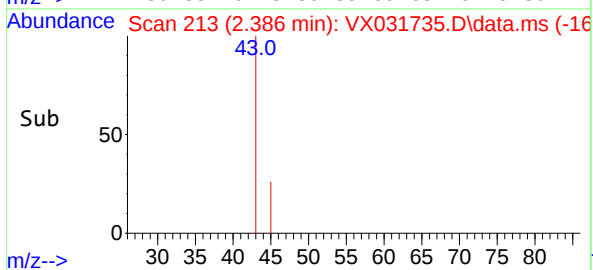
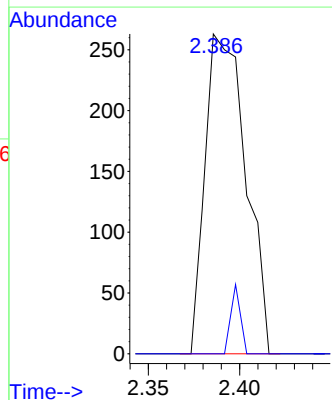
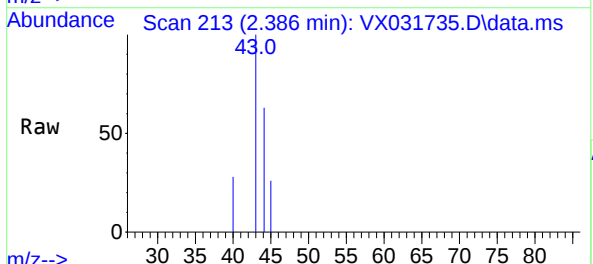
Acq: 28 Sep 2022 18:24

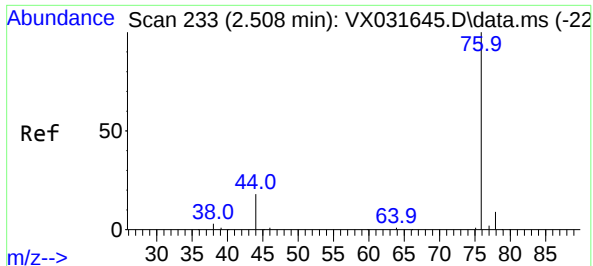
Tgt Ion: 43 Resp: 407

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

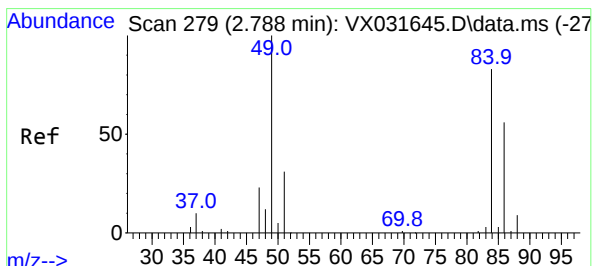
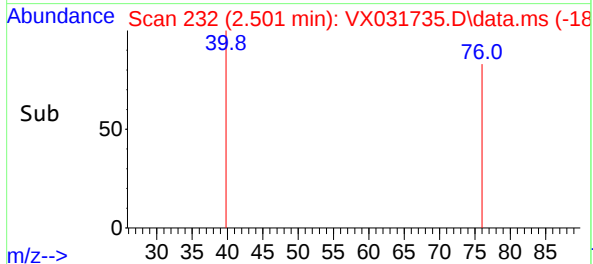
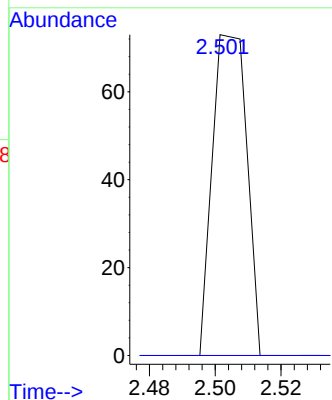
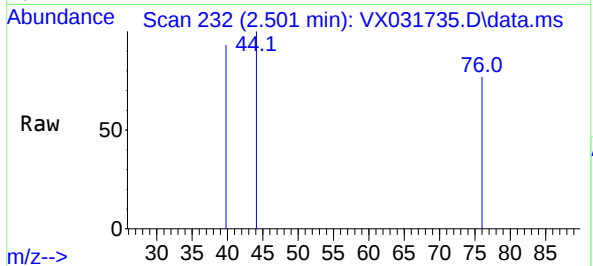




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.501 min Scan# 21
Delta R.T. -0.013 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

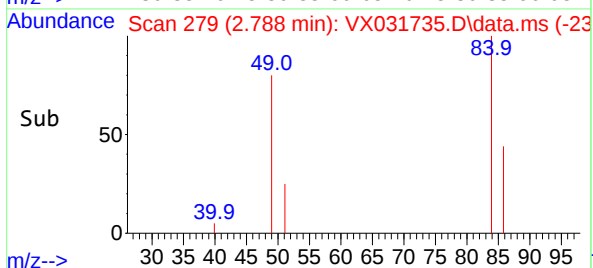
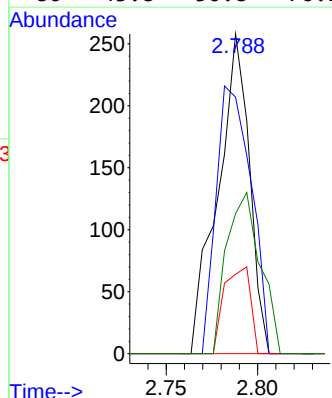
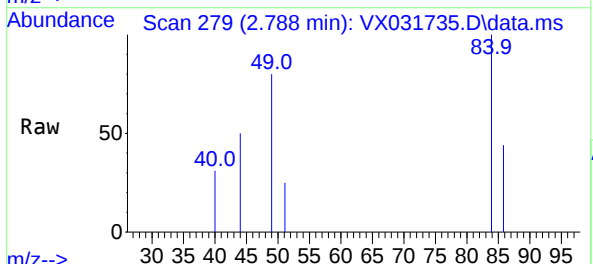
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

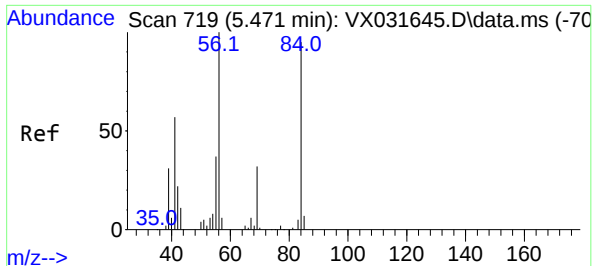
Tgt Ion: 76 Resp: 53
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

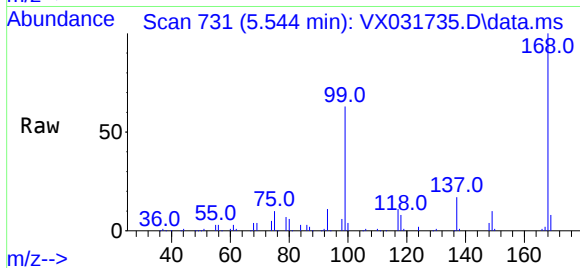
Tgt Ion: 84 Resp: 310
Ion Ratio Lower Upper
84 100
49 80.2 105.9 158.9#
51 24.8 32.2 48.2#
86 43.8 50.8 76.2#



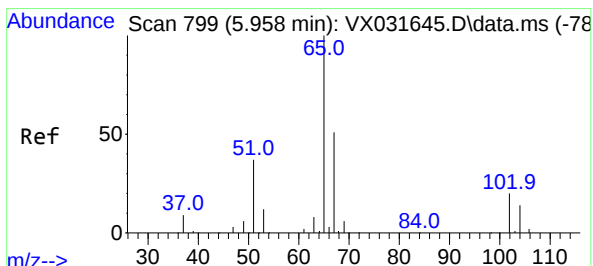
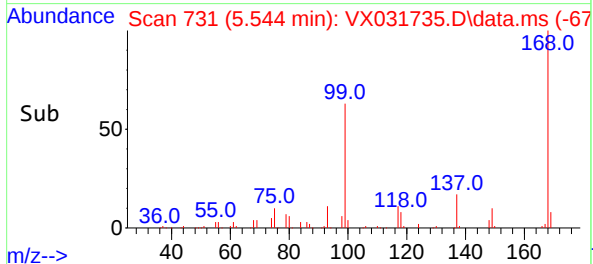
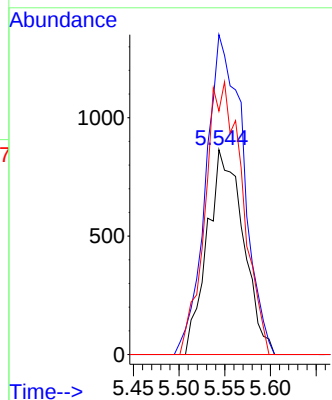


#31
Cyclohexane
Concen: 1.055 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

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

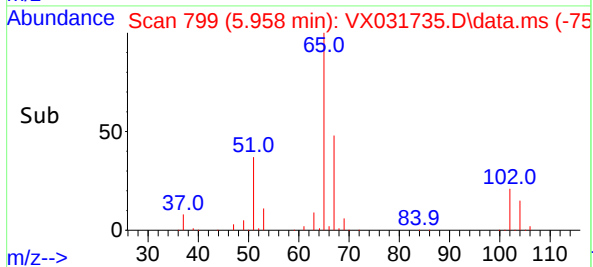
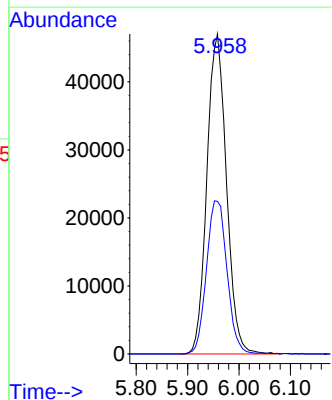
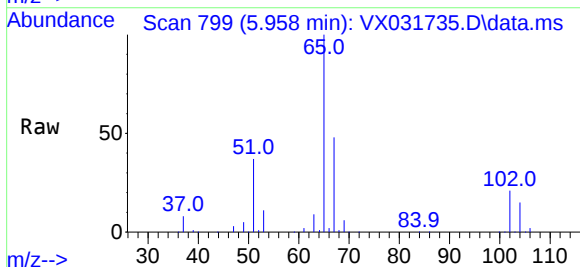


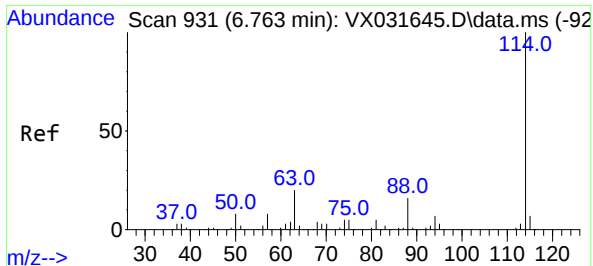
Tgt Ion: 56 Resp: 2374
Ion Ratio Lower Upper
56 100
69 156.2 25.1 37.7#
84 118.8 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.487 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

Tgt Ion: 65 Resp: 124189
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX031735.D

Acq: 28 Sep 2022 18:24

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

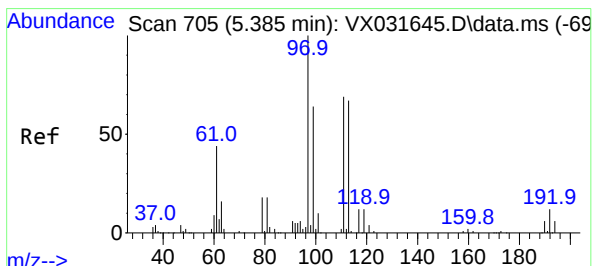
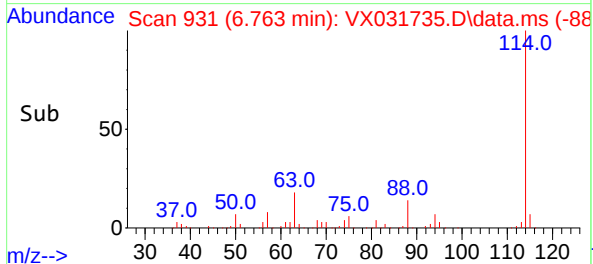
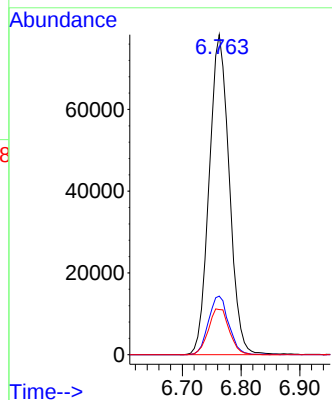
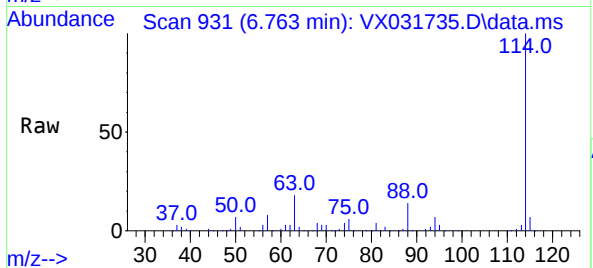
Tgt Ion:114 Resp: 185618

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.6

88 14.1 0.0 33.0



#35

Dibromofluoromethane

Concen: 46.168 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031735.D

Acq: 28 Sep 2022 18:24

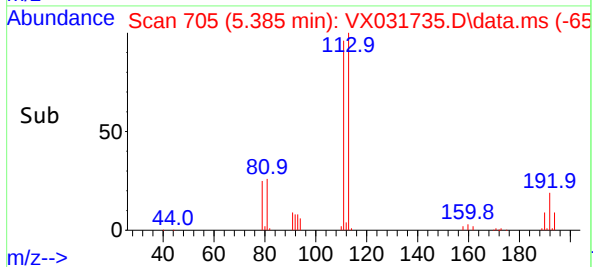
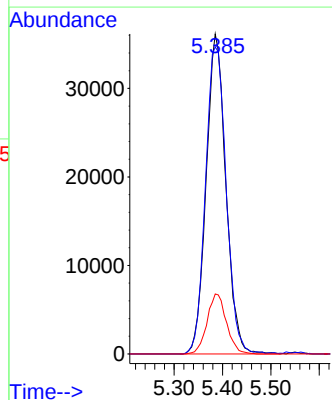
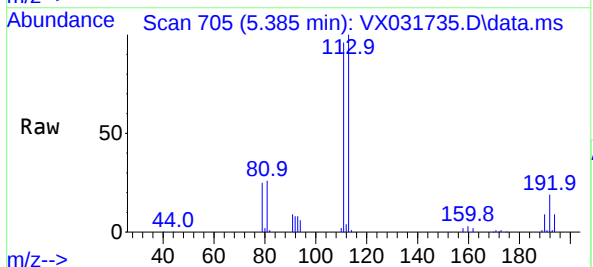
Tgt Ion:113 Resp: 102109

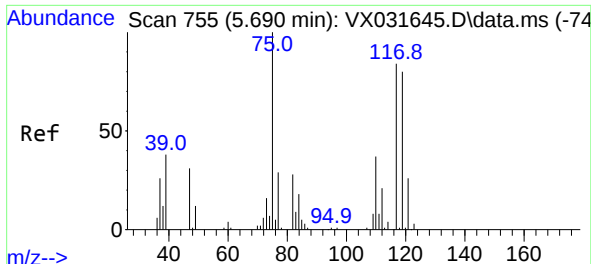
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 18.4 14.1 21.1

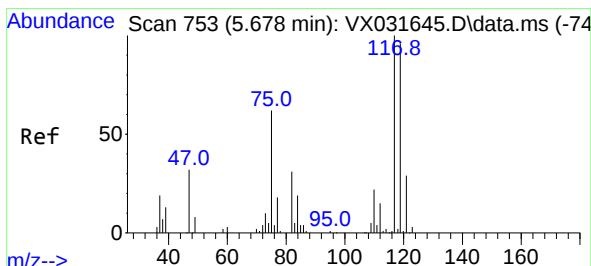
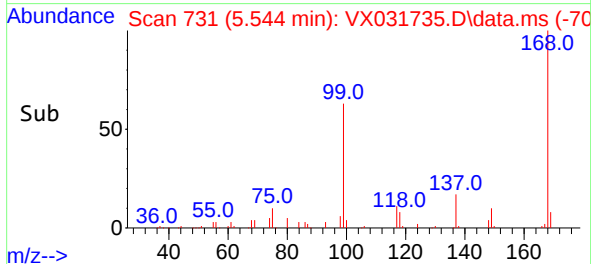
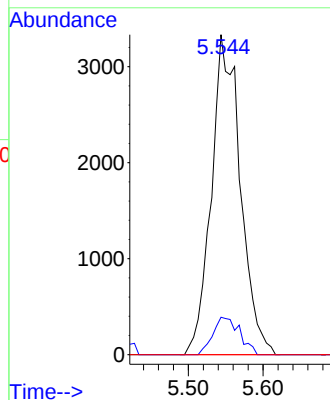
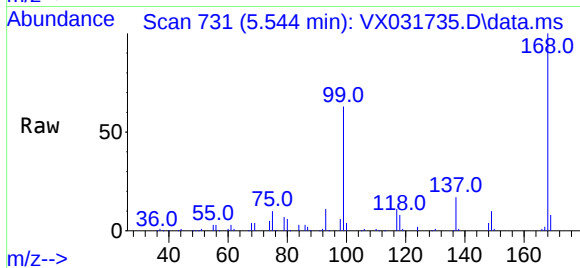




#36
1,1-Dichloropropene
Concen: 3.533 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

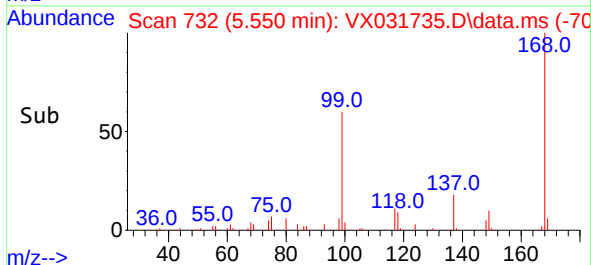
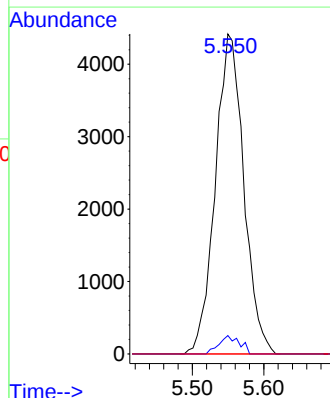
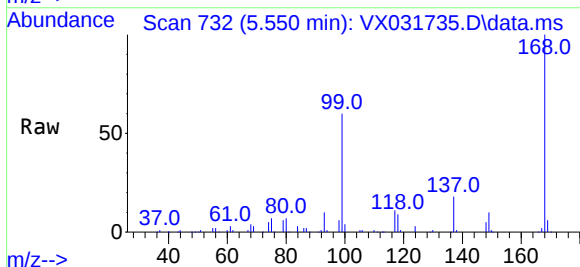
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

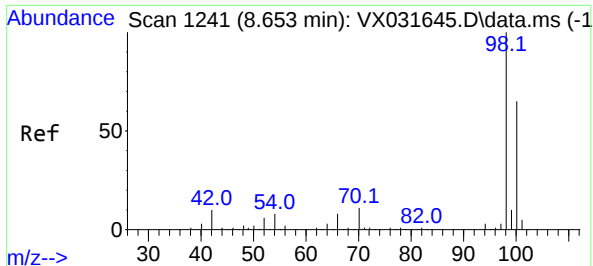
Tgt Ion: 75 Resp: 8974
Ion Ratio Lower Upper
75 100
110 10.8 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.263 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

Tgt Ion: 117 Resp: 12202
Ion Ratio Lower Upper
117 100
119 5.7 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 48.389 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031735.D

Acq: 28 Sep 2022 18:24

Instrument :

MSVOA_X

ClientSampleId :

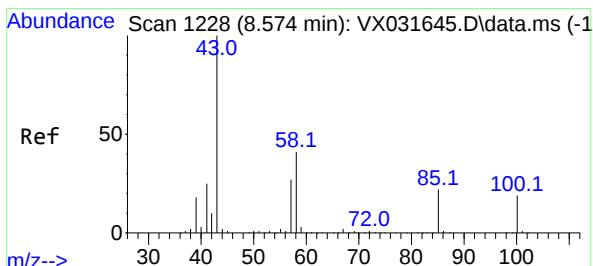
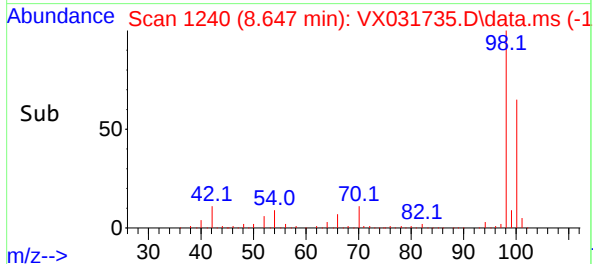
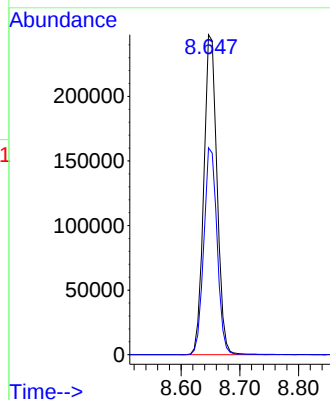
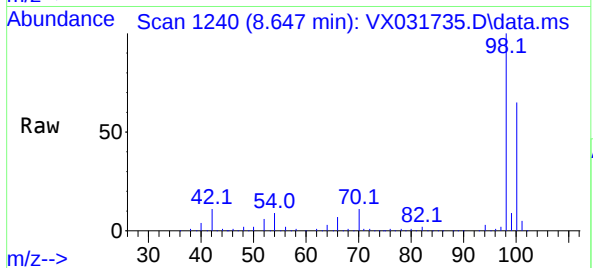
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 387997

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.616 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031735.D

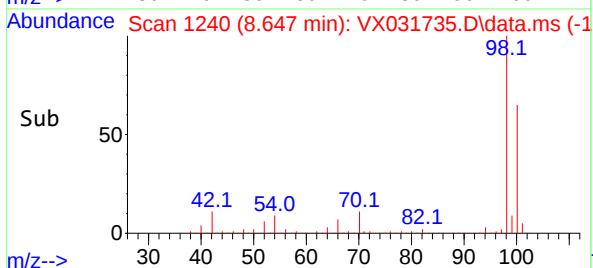
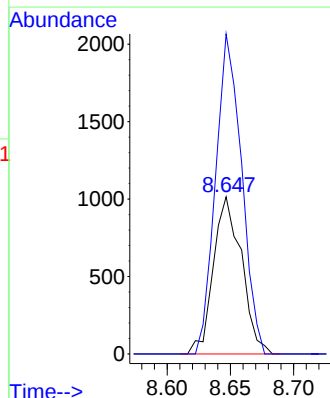
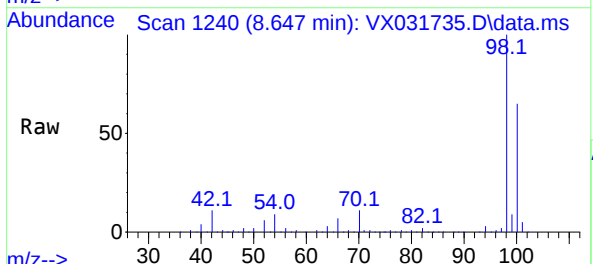
Acq: 28 Sep 2022 18:24

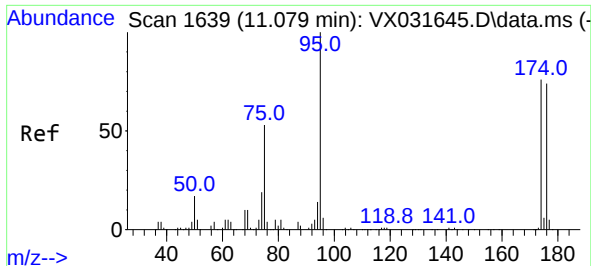
Tgt Ion: 43 Resp: 1572

Ion Ratio Lower Upper

43 100

58 187.8 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 44.052 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031735.D

Acq: 28 Sep 2022 18:24

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

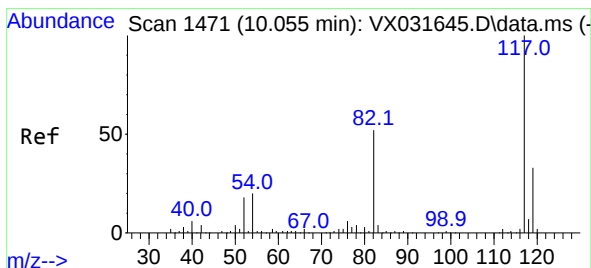
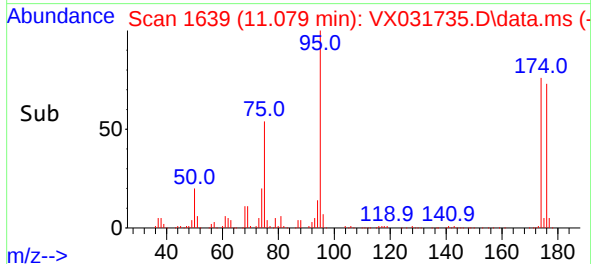
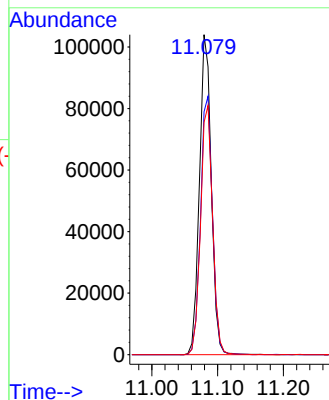
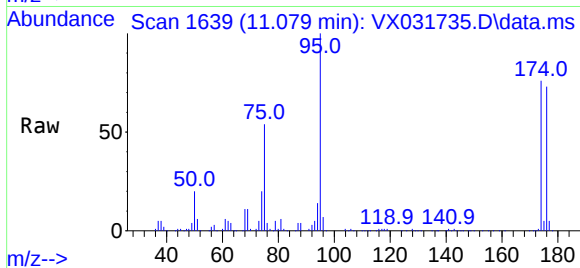
Tgt Ion: 95 Resp: 129461

Ion Ratio Lower Upper

95 100

174 81.5 0.0 153.2

176 79.3 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: VX031735.D

Acq: 28 Sep 2022 18:24

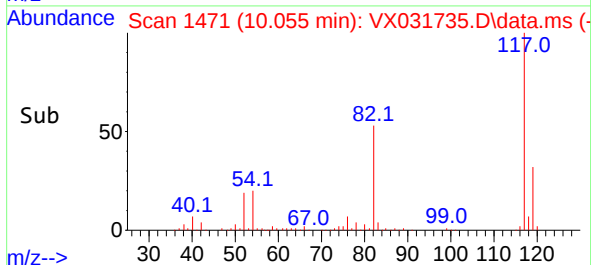
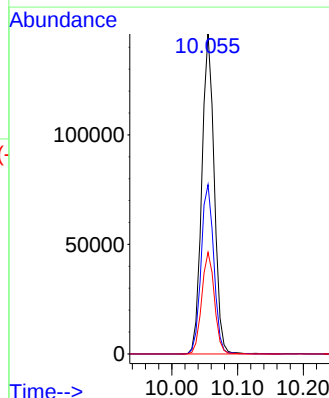
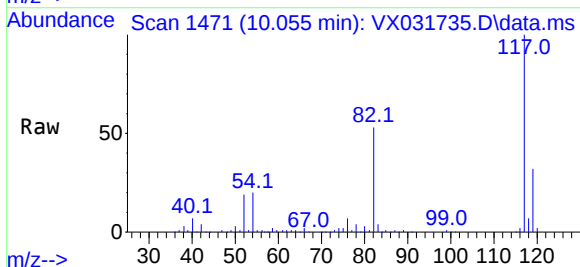
Tgt Ion: 117 Resp: 191502

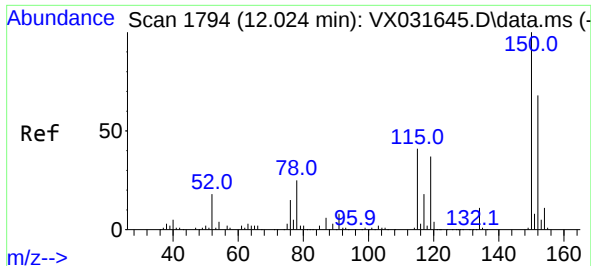
Ion Ratio Lower Upper

117 100

82 52.9 46.8 70.2

119 31.8 26.4 39.6

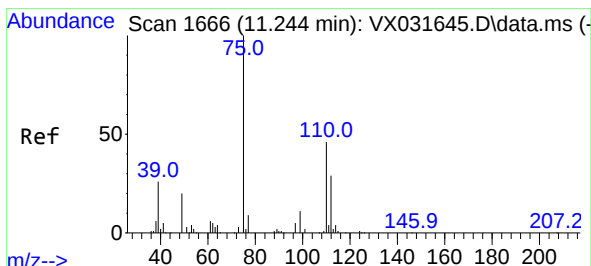
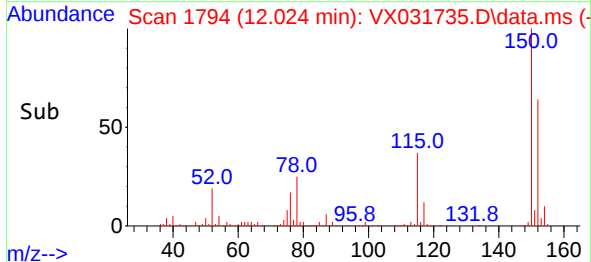
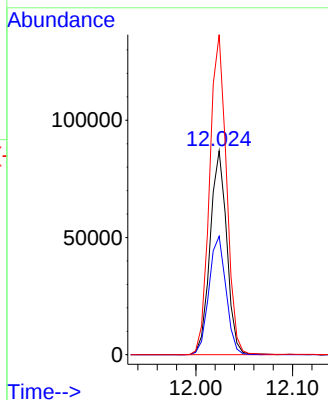
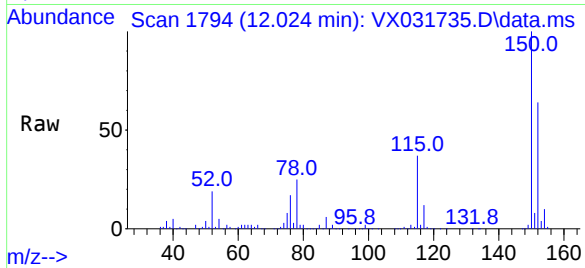




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

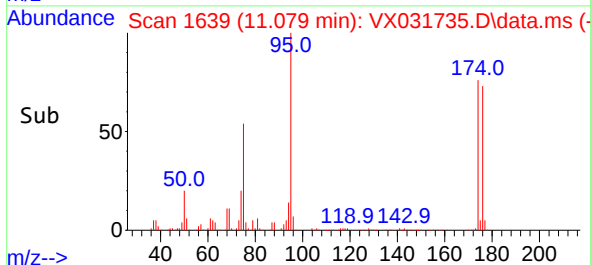
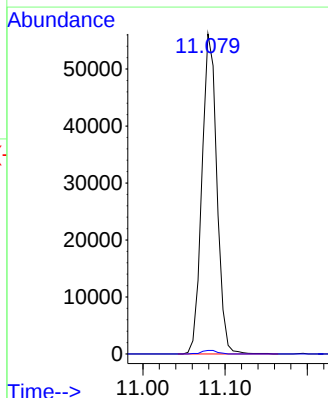
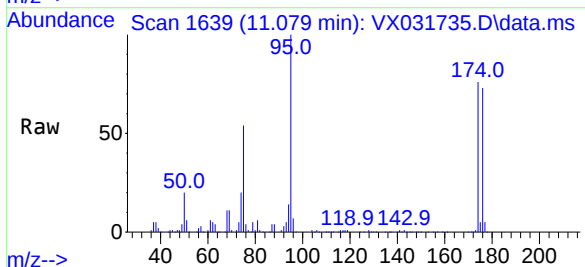
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

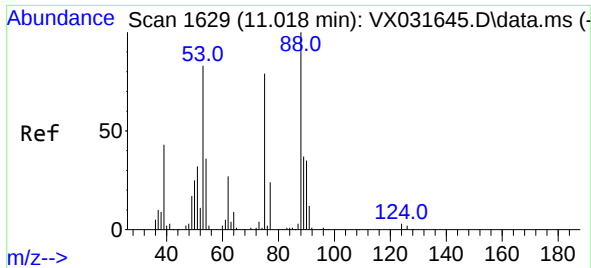
Tgt Ion:152 Resp: 104246
Ion Ratio Lower Upper
152 100
115 59.5 43.4 130.1
150 159.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 37.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

Tgt Ion: 75 Resp: 71040
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.128 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031735.D
Acq: 28 Sep 2022 18:24

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

Tgt Ion: 75 Resp: 71040
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

