

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030776.D
 Acq On : 25 Aug 2022 17:11
 Operator : JC/MD
 Sample : N4266-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Aug 26 02:40:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

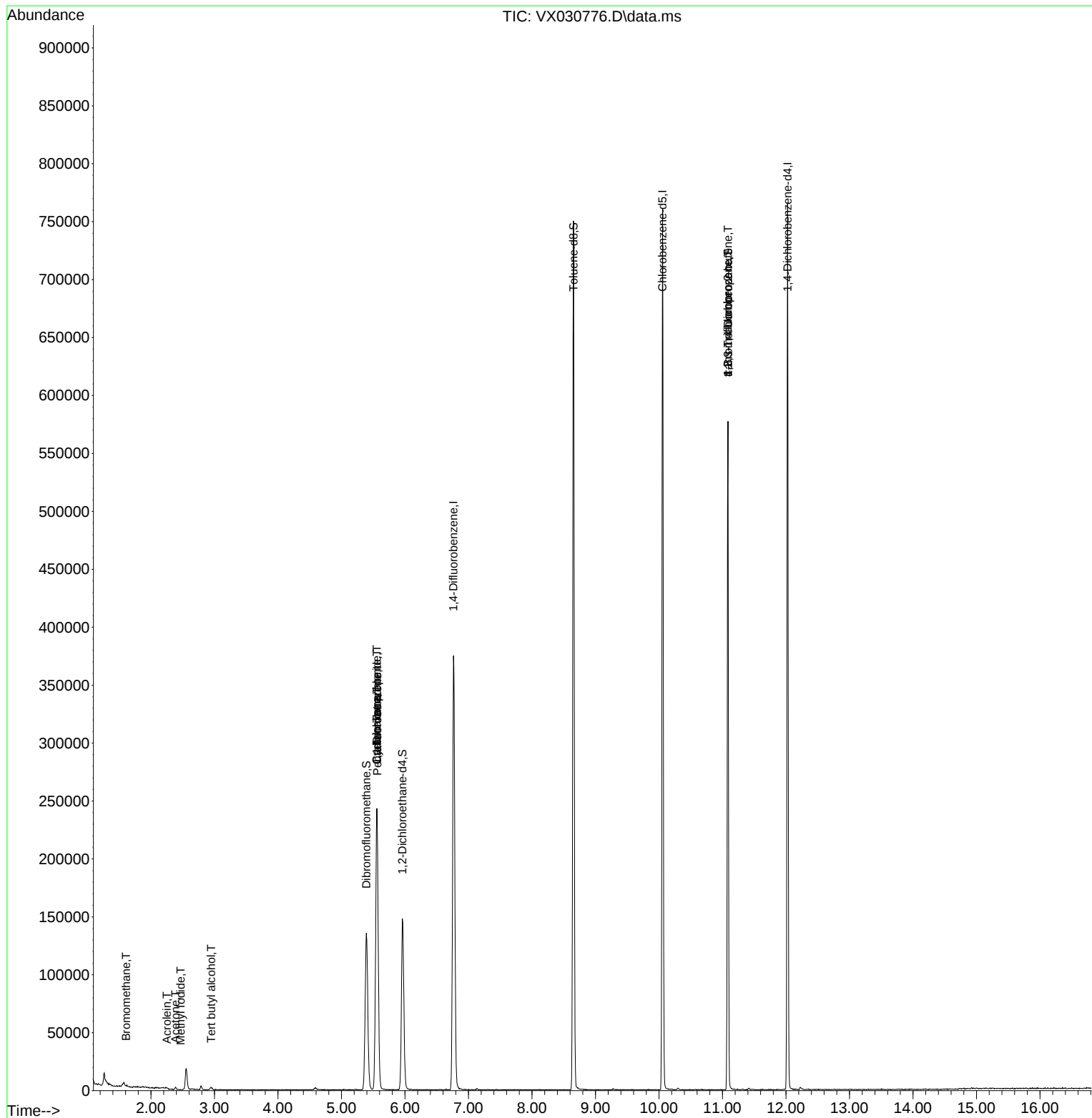
Internal Standards						
1) Pentafluorobenzene	5.562	168	233243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139128	50.711	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.420%
35) Dibromofluoromethane	5.391	113	120830	49.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.653	98	451264	52.996	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.000%
62) 4-Bromofluorobenzene	11.085	95	154130	48.619	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.240%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	838	Below Cal	#	81
5) Bromomethane	1.605	94	394	0.363	ug/l #	62
6) Chloroethane	1.679	64	144	Below Cal	#	41
10) Methyl Iodide	2.465	142	78	4.067	ug/l #	45
11) Tert butyl alcohol	2.947	59	1323	2.221	ug/l #	74
13) Acrolein	2.252	56	40	10.125	ug/l #	1
16) Acetone	2.386	43	2199	1.734	ug/l #	81
17) Carbon Disulfide	2.508	76	527	Below Cal	#	74
20) Methylene Chloride	2.794	84	1220	Below Cal		87
31) Cyclohexane	5.556	56	4378	1.248	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18754	5.636	ug/l #	47
38) Carbon Tetrachloride	5.556	117	22746	6.481	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	74375	20.802	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	74375	67.118	ug/l #	12

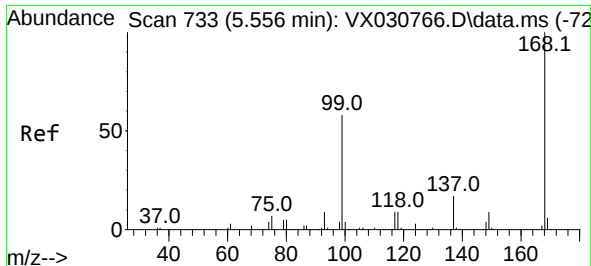
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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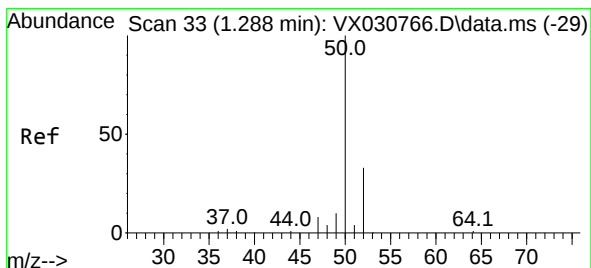
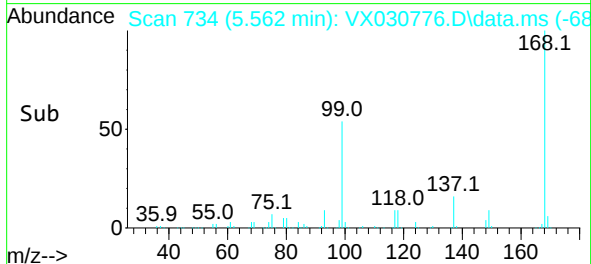
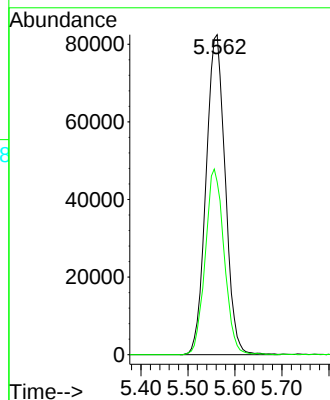
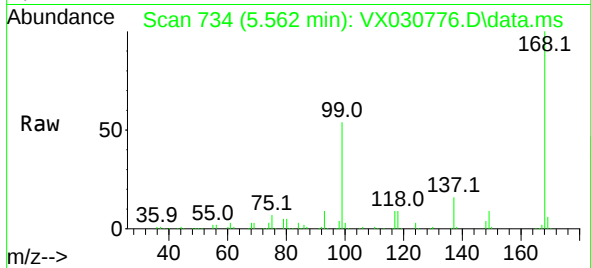




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

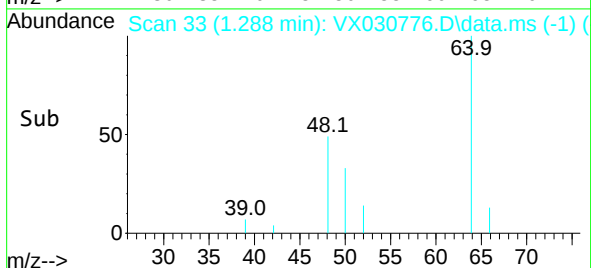
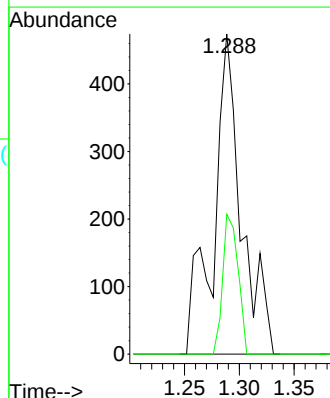
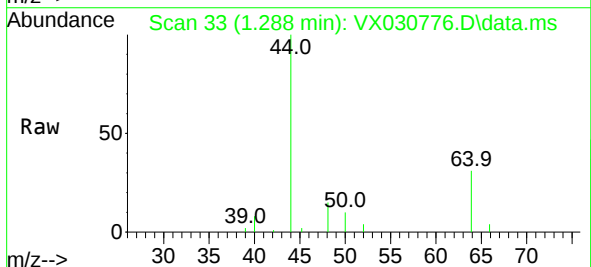
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

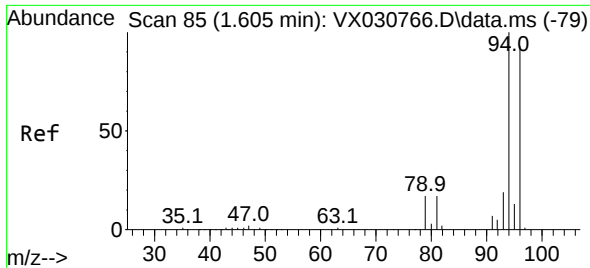
Tgt Ion:168 Resp: 233243
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

Tgt Ion: 50 Resp: 838
Ion Ratio Lower Upper
50 100
52 43.7 26.3 39.5#

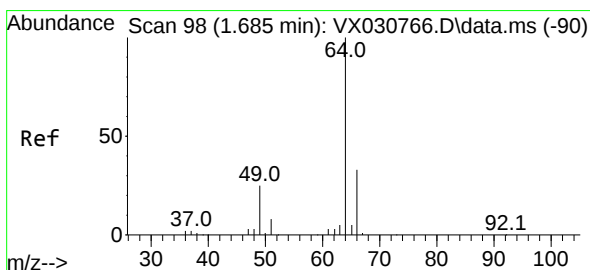
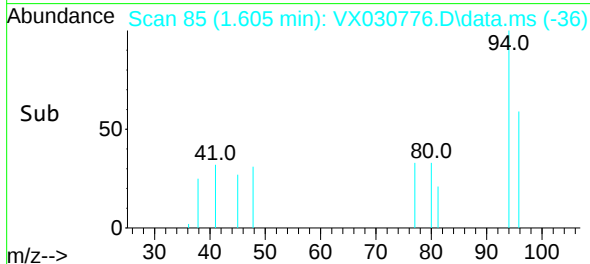
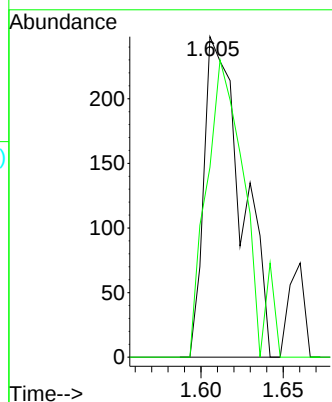
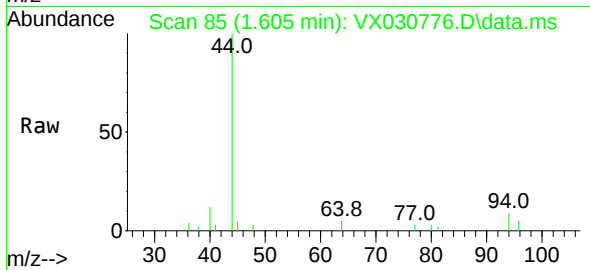




#5
Bromomethane
Concen: 0.363 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

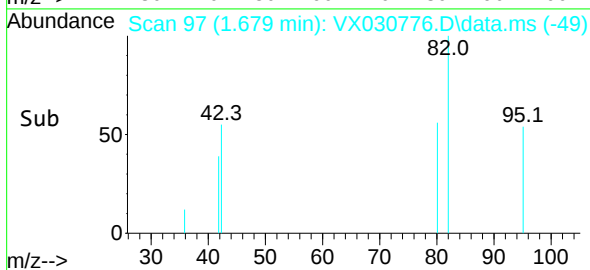
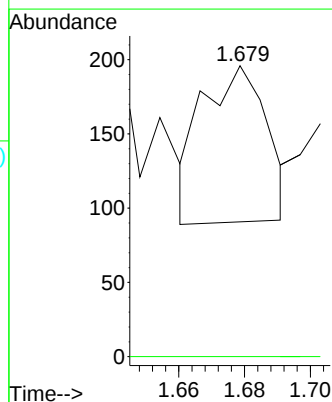
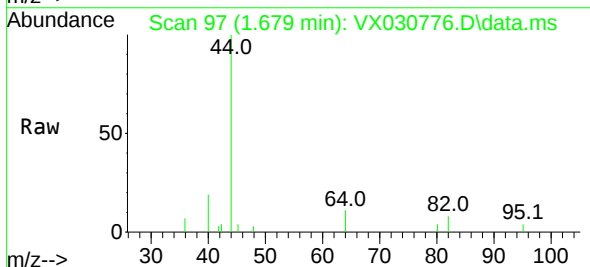
Instrument :
MSVOA_X
ClientSampleId :
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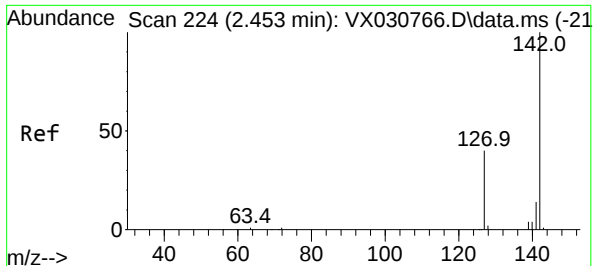
Tgt Ion: 94 Resp: 394
Ion Ratio Lower Upper
94 100
96 59.3 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

Tgt Ion: 64 Resp: 144
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

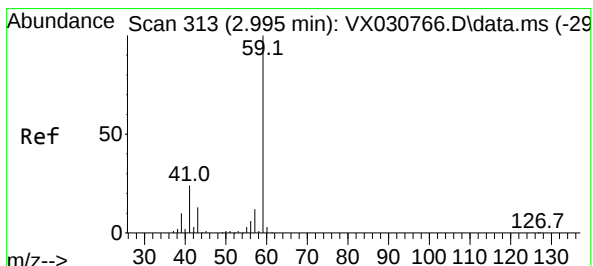
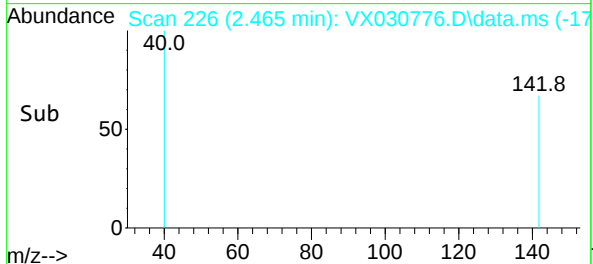
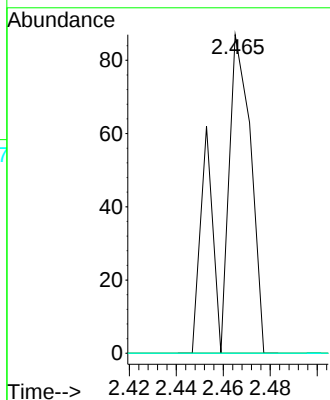
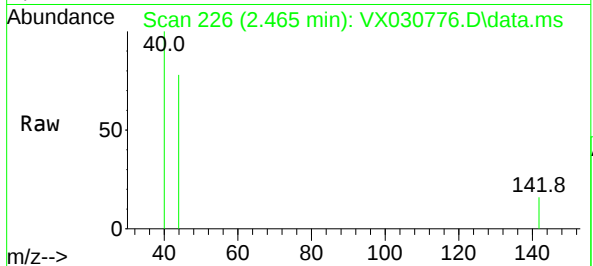




#10
Methyl Iodide
Concen: 4.067 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

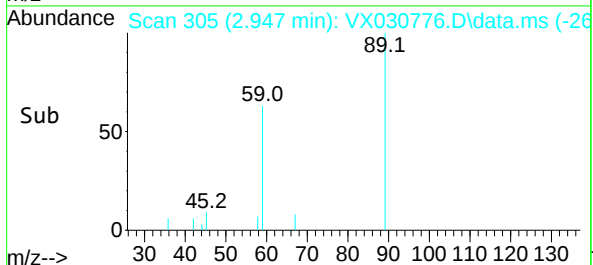
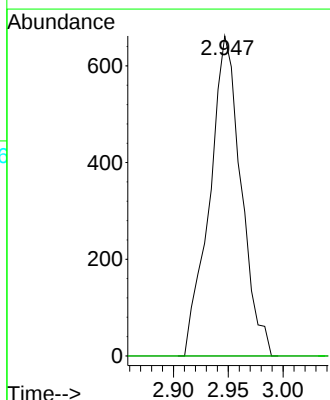
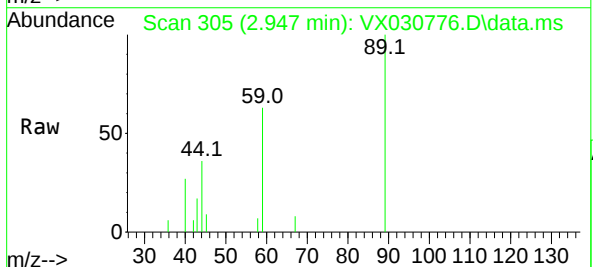
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

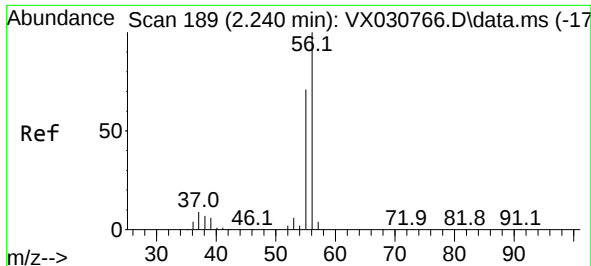
Tgt Ion:142 Resp: 78
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 2.221 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

Tgt Ion: 59 Resp: 1323
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

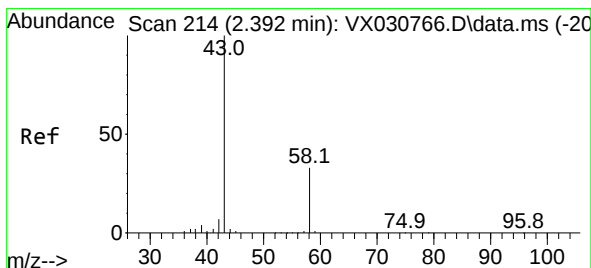
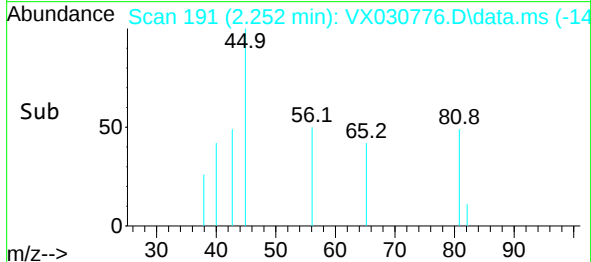
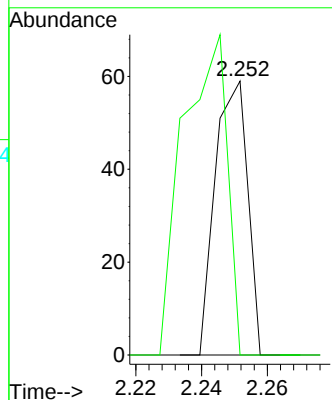
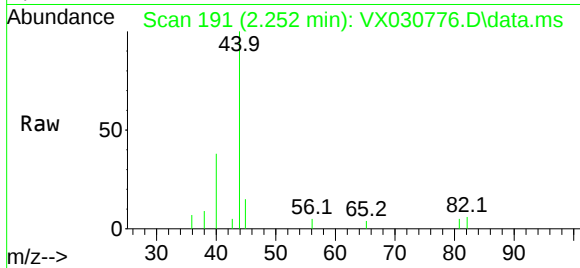




#13
Acrolein
Concen: 10.125 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

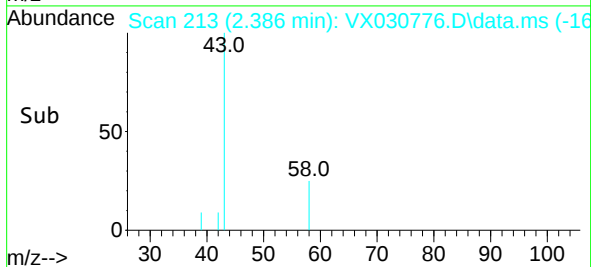
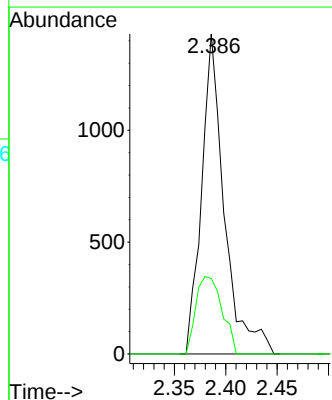
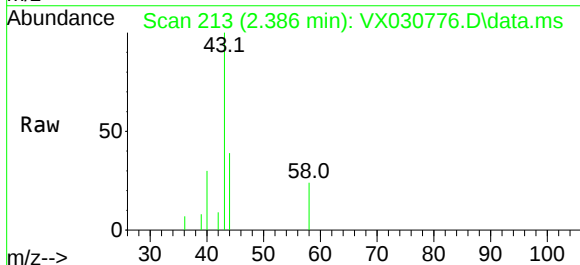
Instrument :
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

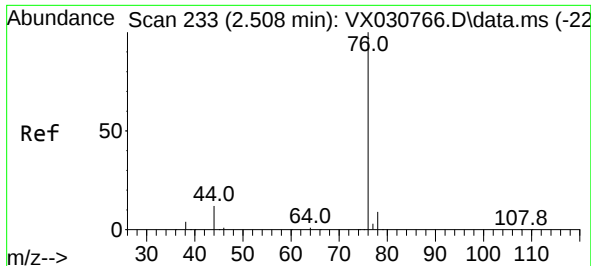
Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 160.0 56.6 84.8#



#16
Acetone
Concen: 1.734 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

Tgt Ion: 43 Resp: 2199
Ion Ratio Lower Upper
43 100
58 23.6 27.7 41.5#





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX030776.D

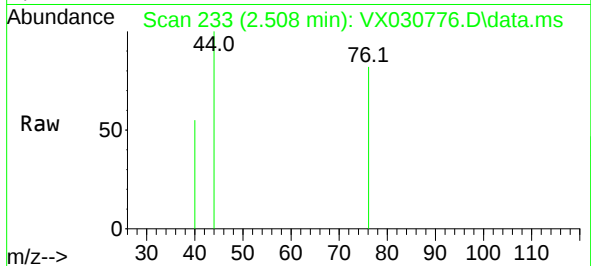
Acq: 25 Aug 2022 17:11

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

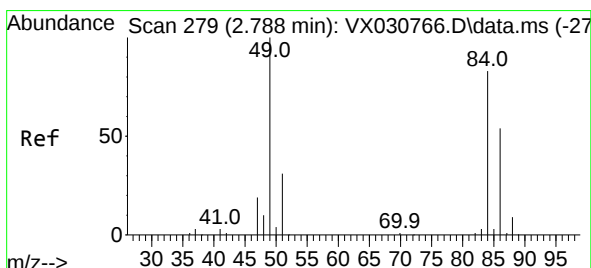
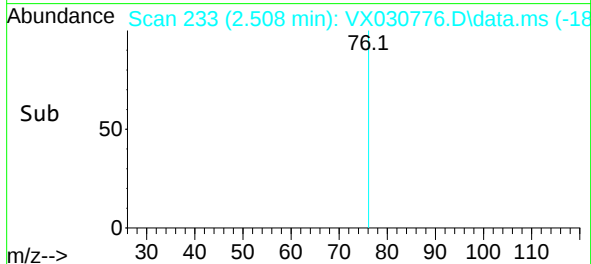
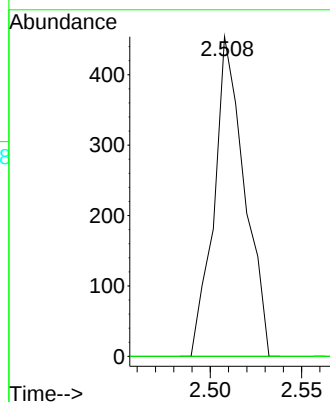


Tgt Ion: 76 Resp: 527

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX030776.D

Acq: 25 Aug 2022 17:11

Tgt Ion: 84 Resp: 1220

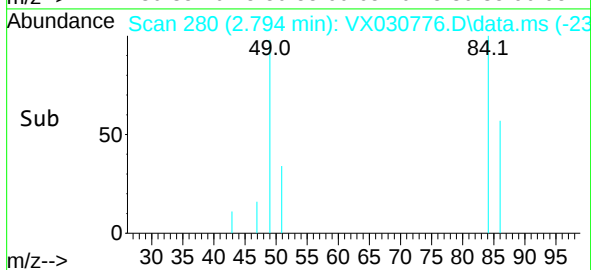
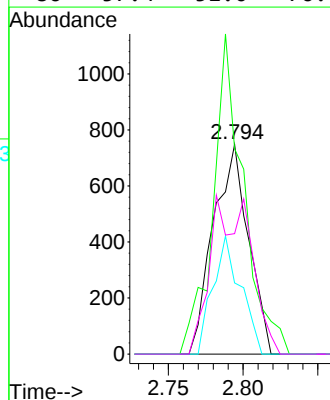
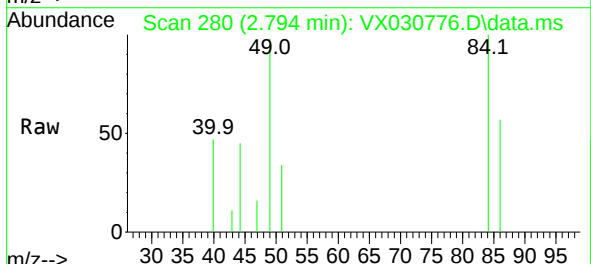
Ion Ratio Lower Upper

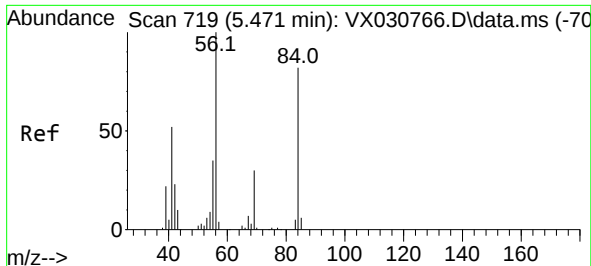
84 100

49 97.9 93.8 140.6

51 33.9 29.4 44.0

86 57.4 51.0 76.4

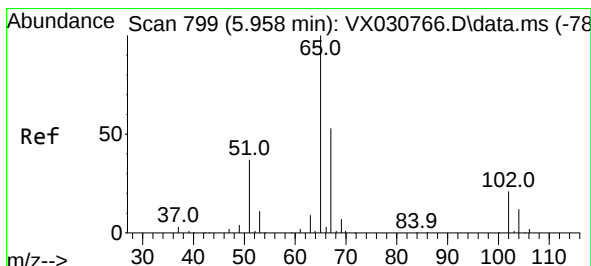
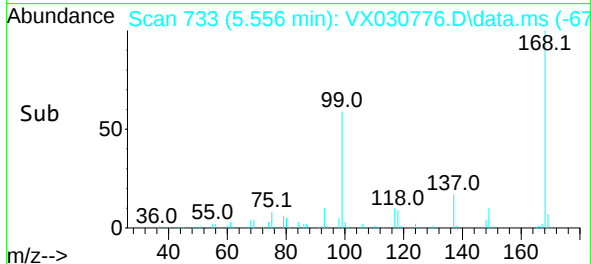
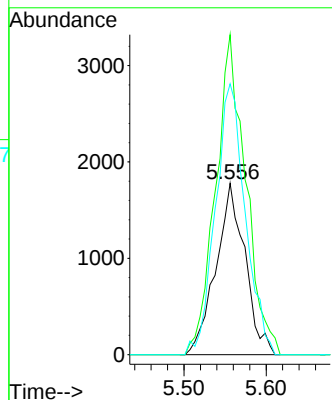
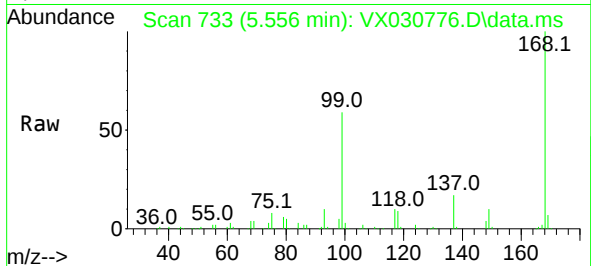




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

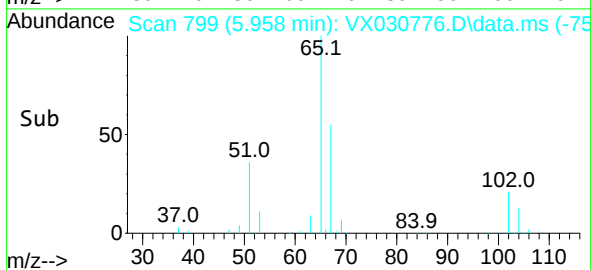
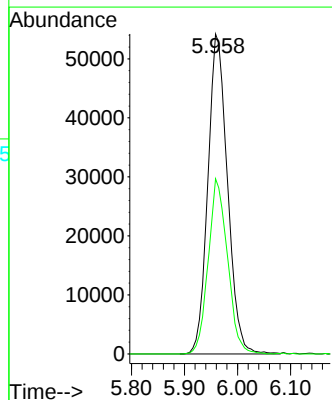
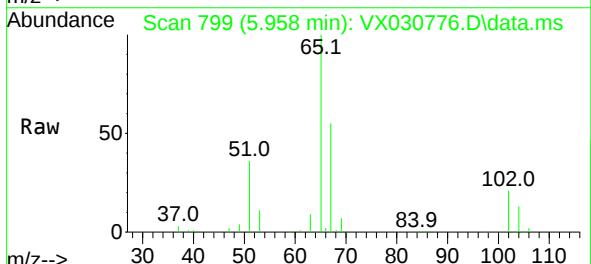
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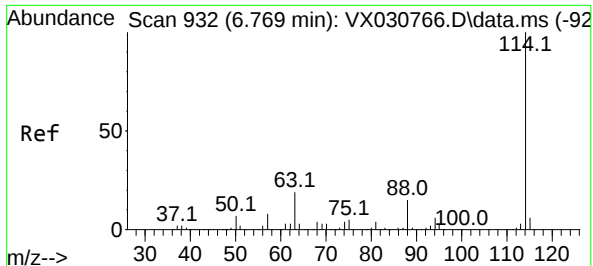
Tgt Ion: 56 Resp: 4378
Ion Ratio Lower Upper
56 100
69 186.8 25.4 38.0#
84 158.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.711 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

Tgt Ion: 65 Resp: 139128
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

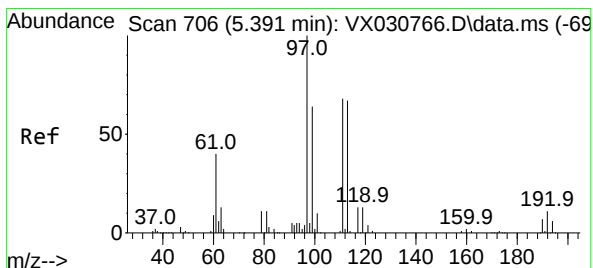
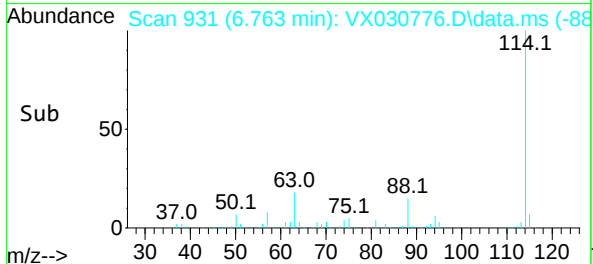
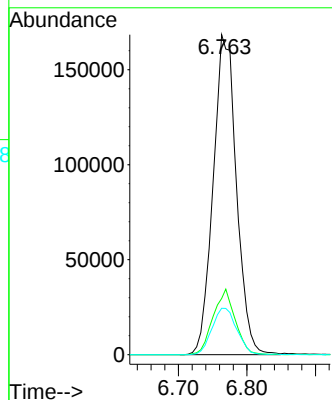
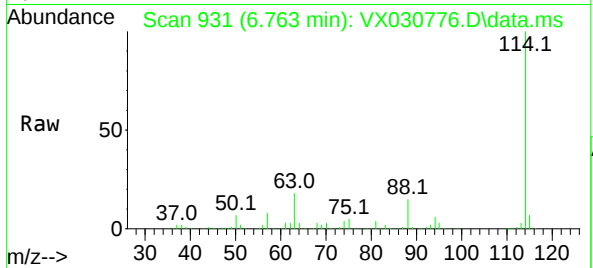




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

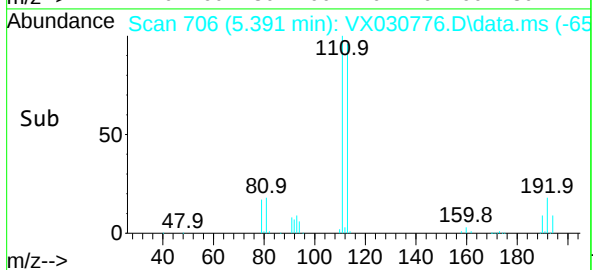
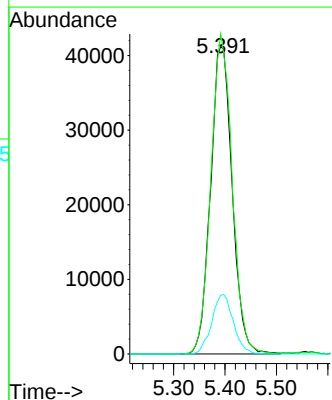
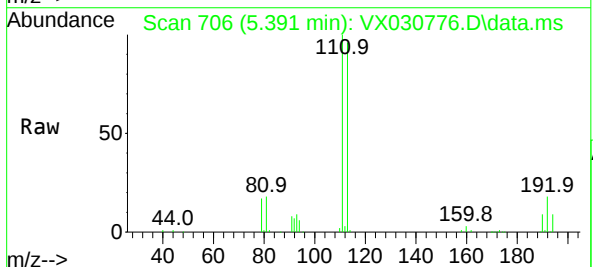
Instrument :
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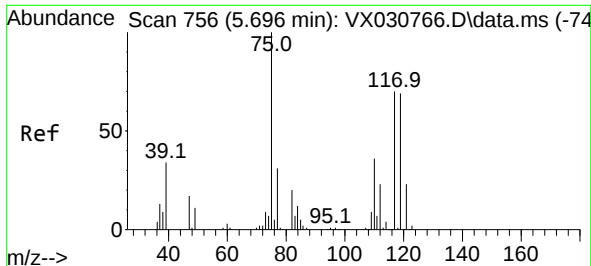
Tgt Ion:114 Resp: 397601
Ion Ratio Lower Upper
114 100
63 17.5 0.0 38.4
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.448 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

Tgt Ion:113 Resp: 120830
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 19.2 14.8 22.2

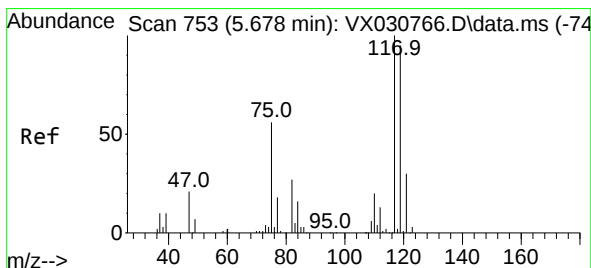
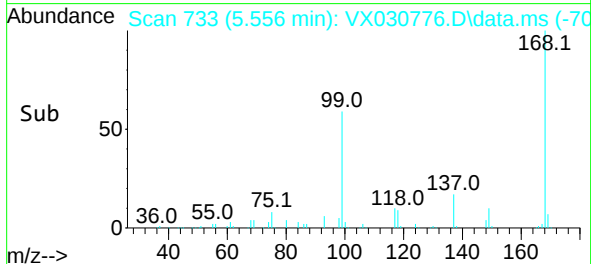
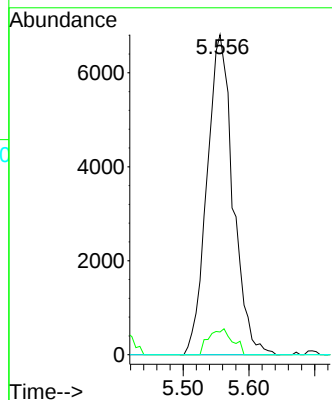
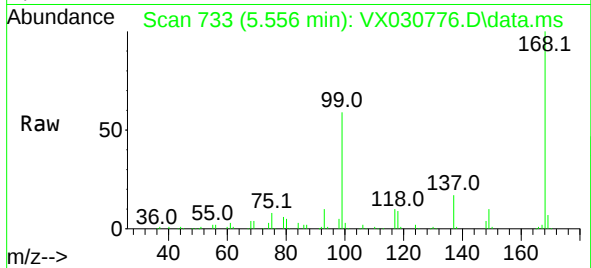




#36
1,1-Dichloropropene
Concen: 5.636 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

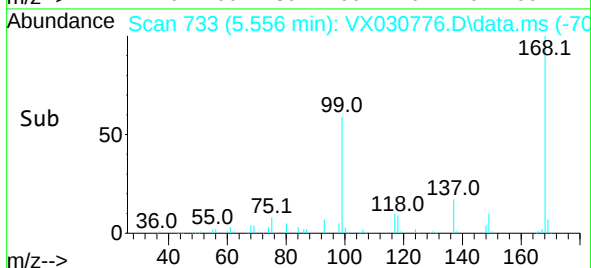
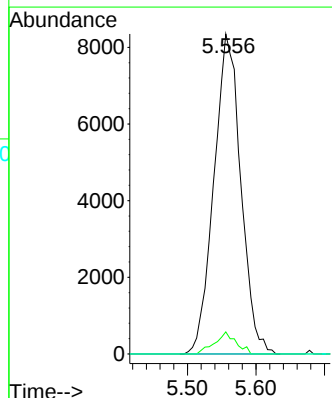
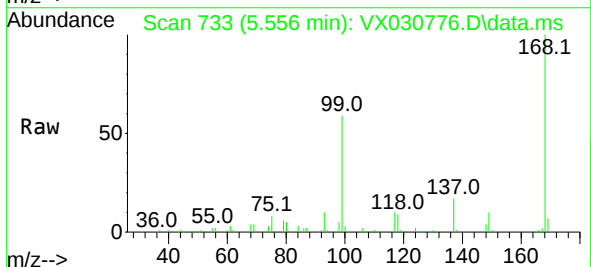
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

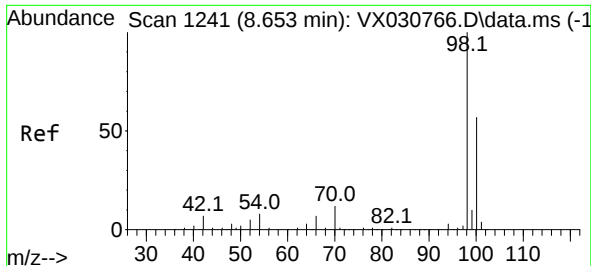
Tgt Ion: 75 Resp: 18754
Ion Ratio Lower Upper
75 100
110 7.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.481 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

Tgt Ion: 117 Resp: 22746
Ion Ratio Lower Upper
117 100
119 6.9 74.1 111.1#
121 0.0 25.8 38.8#

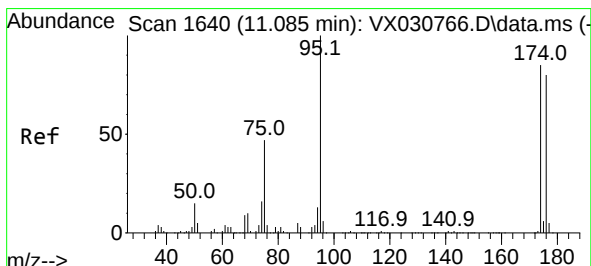
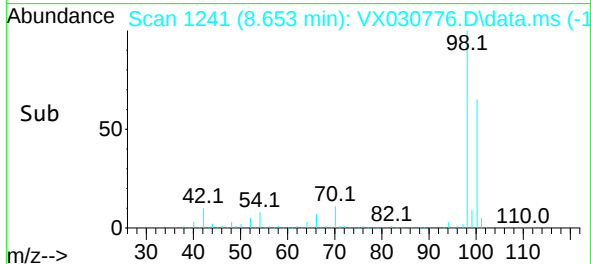
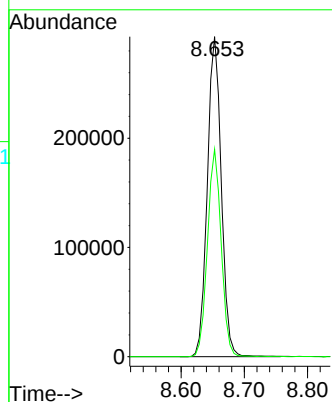
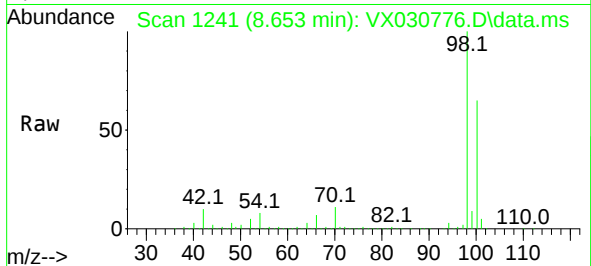




#50
Toluene-d8
Concen: 52.996 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

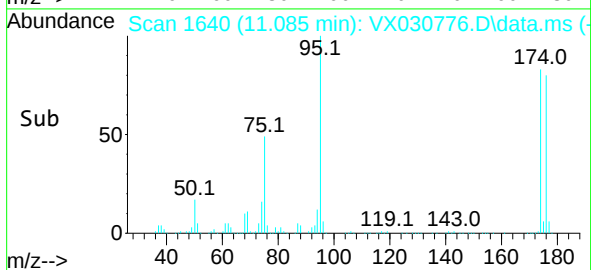
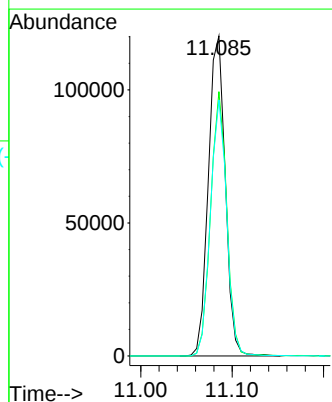
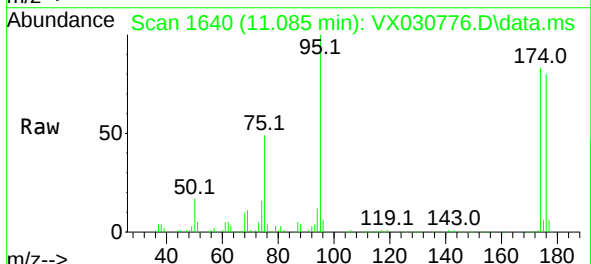
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

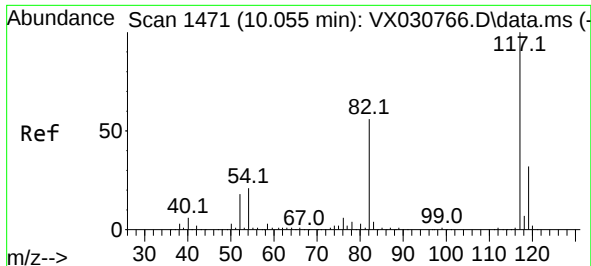
Tgt Ion: 98 Resp: 451264
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.619 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

Tgt Ion: 95 Resp: 154130
Ion Ratio Lower Upper
95 100
174 79.0 0.0 149.0
176 77.4 0.0 146.0

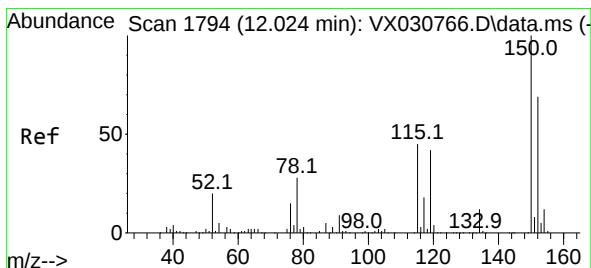
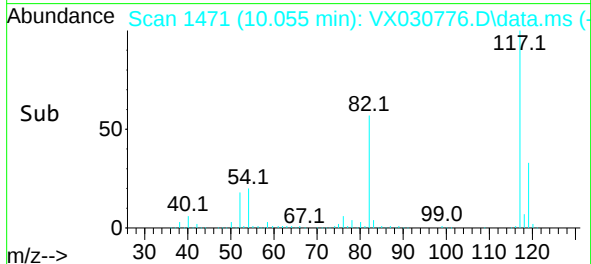
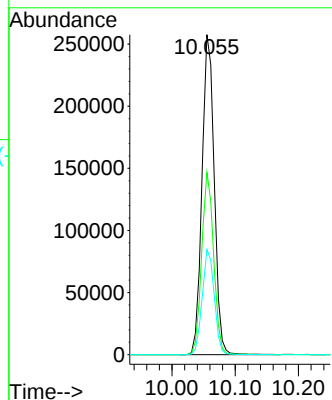
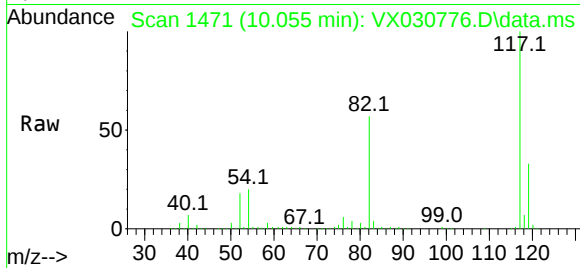




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

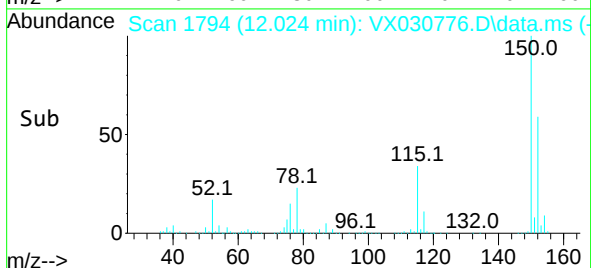
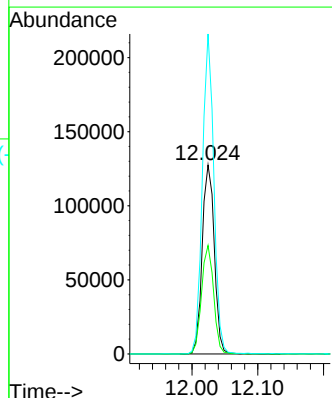
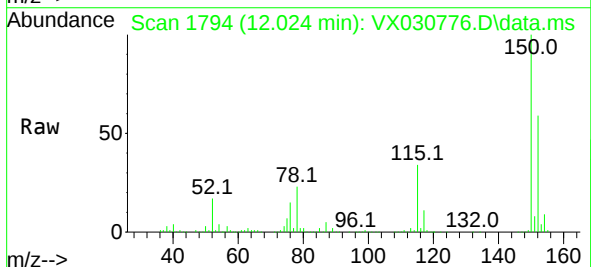
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

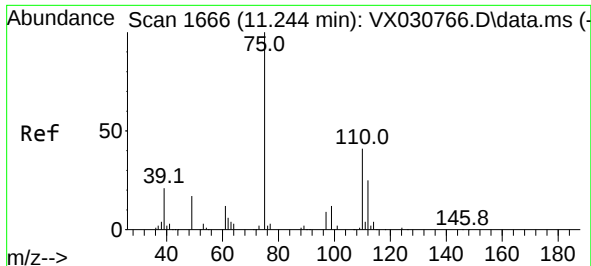
Tgt Ion:117 Resp: 347170
Ion Ratio Lower Upper
117 100
82 57.0 42.7 64.1
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

Tgt Ion:152 Resp: 163191
Ion Ratio Lower Upper
152 100
115 57.4 40.5 121.5
150 160.0 0.0 347.0

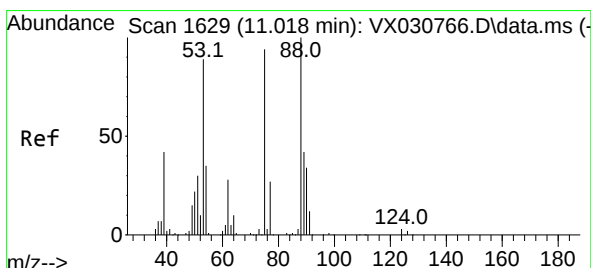
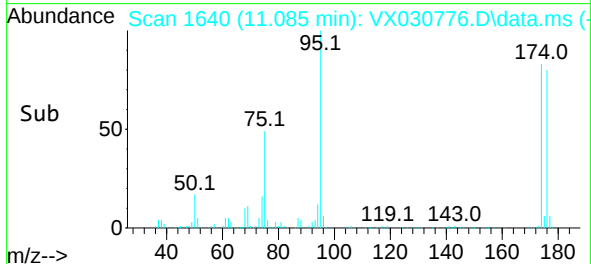
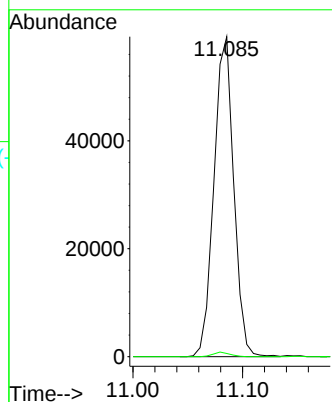
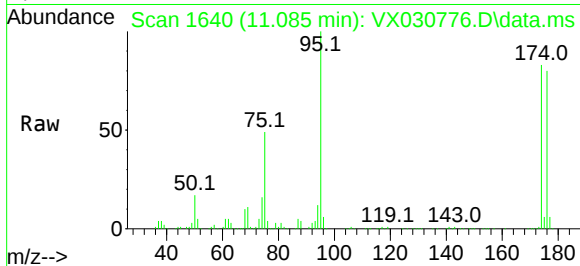




#76
1,2,3-Trichloropropane
Concen: 20.802 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 74375
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.118 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030776.D
Acq: 25 Aug 2022 17:11

Tgt Ion: 75 Resp: 74375
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

