

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024052.D
 Acq On : 31 Aug 2021 18:22
 Operator : JC/MD
 Sample : M3581-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 01 05:05:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

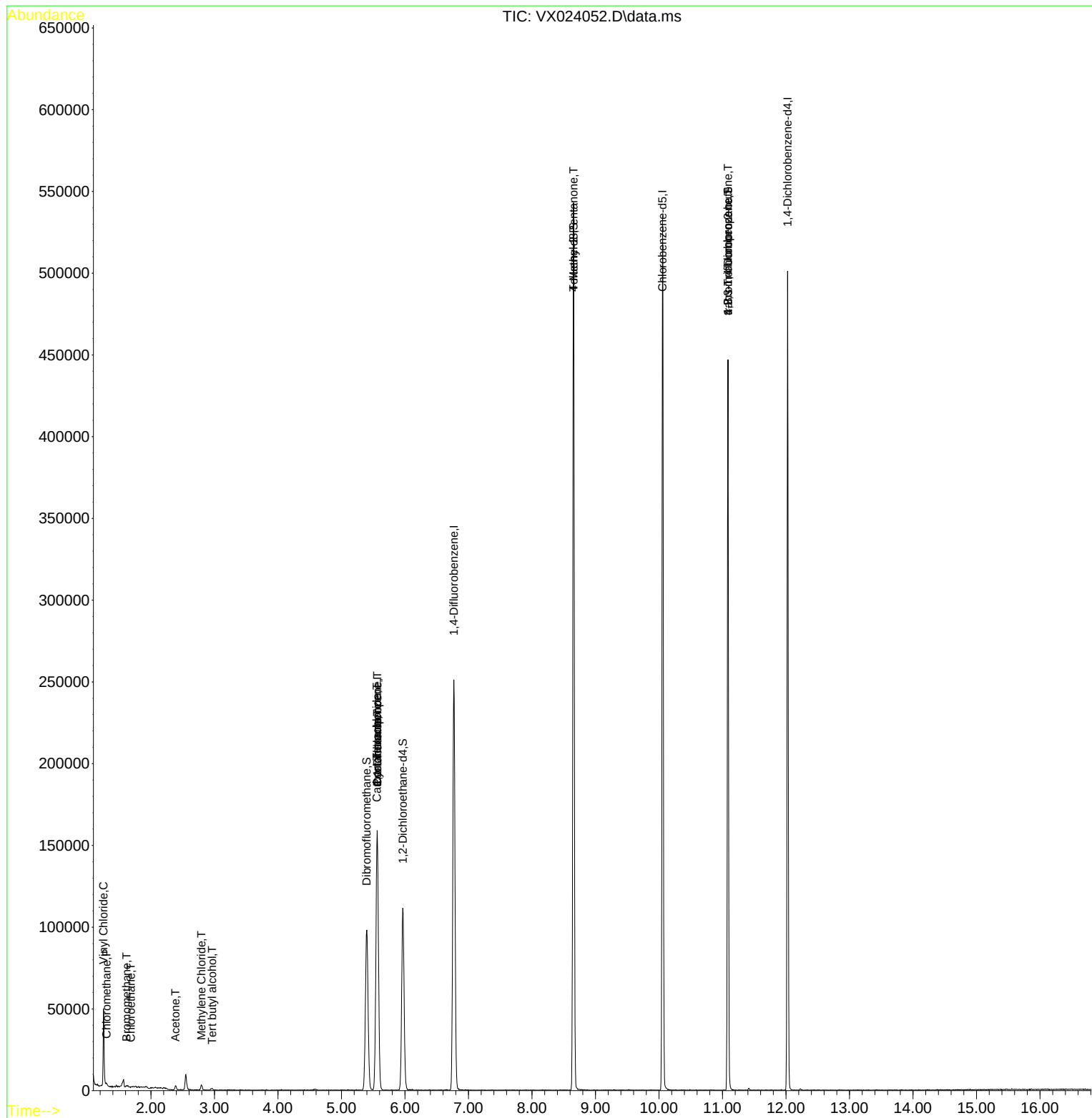
Internal Standards						
1) Pentafluorobenzene	5.562	168	144263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	249848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112066	55.659	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.320%
35) Dibromofluoromethane	5.397	113	84481	51.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	8.653	98	305459	48.532	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.086	95	107821	46.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.060%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	600	0.359	ug/l #	84
4) Vinyl Chloride	1.252	62	366	0.225	ug/l #	1
5) Bromomethane	1.618	94	330	0.322	ug/l	82
6) Chloroethane	1.685	64	152	2.324	ug/l	94
11) Tert butyl alcohol	2.965	59	611	1.501	ug/l #	73
16) Acetone	2.386	43	2823	3.136	ug/l #	83
20) Methylene Chloride	2.794	84	1289	0.750	ug/l #	86
31) Cyclohexane	5.562	56	3433	1.327	ug/l #	20
36) 1,1-Dichloropropene	5.562	75	11723	5.067	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14837	6.149	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1429	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.086	75	59180	26.078	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	59180	76.708	ug/l #	12

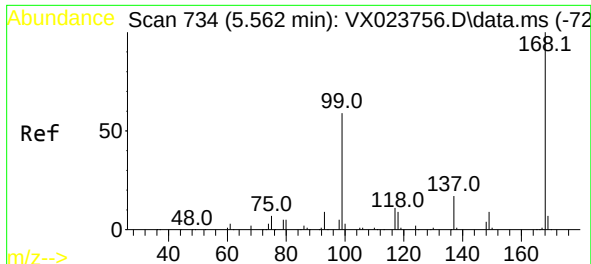
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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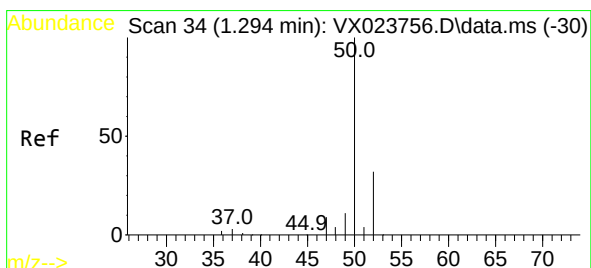
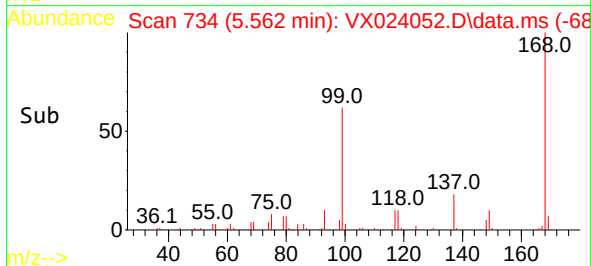
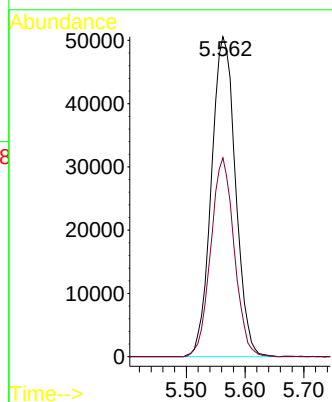
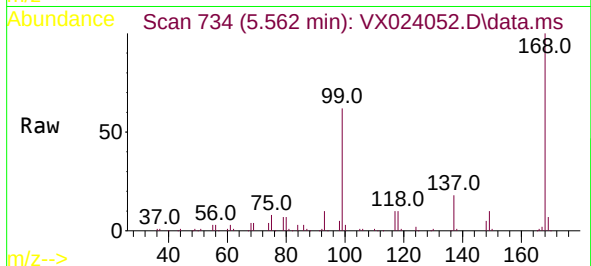




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

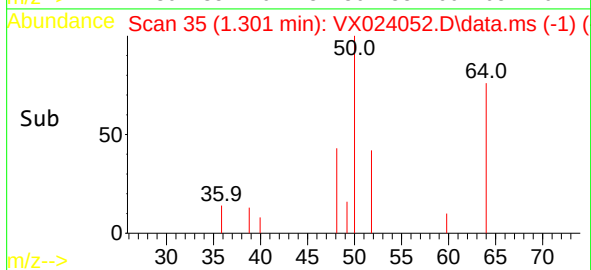
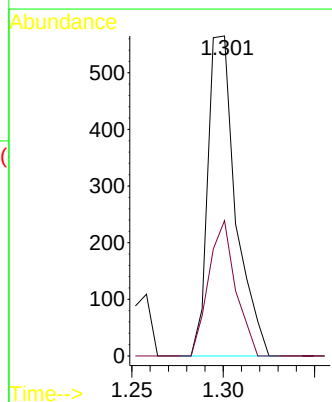
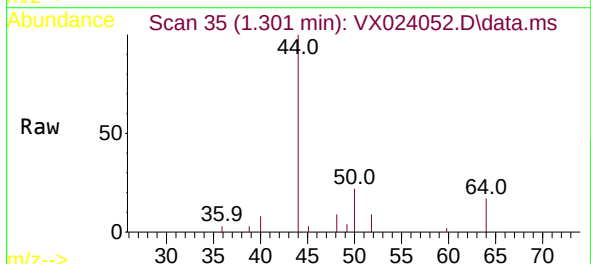
Instrument :
MSVOA_X
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STORAGE-BLANK-SAMPLE-MANA

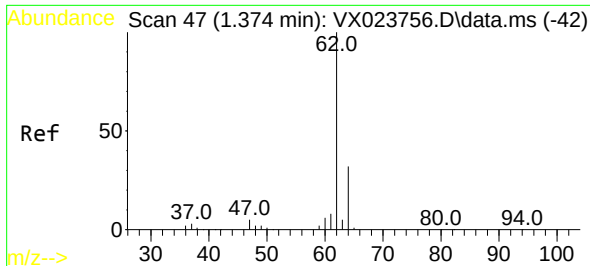
Tgt Ion:168 Resp: 144263
Ion Ratio Lower Upper
168 100
99 62.2 45.8 68.6



#3
Chloromethane
Concen: 0.359 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

Tgt Ion: 50 Resp: 600
Ion Ratio Lower Upper
50 100
52 42.3 26.4 39.6#

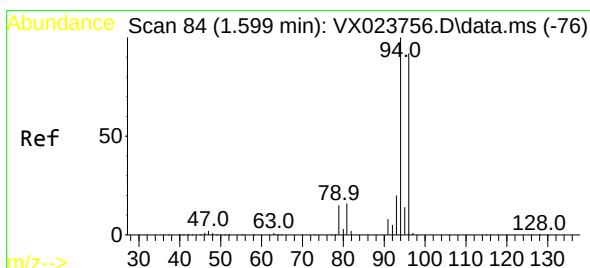
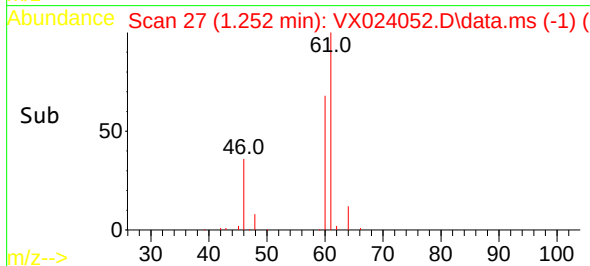
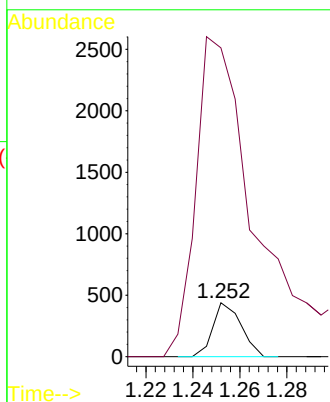
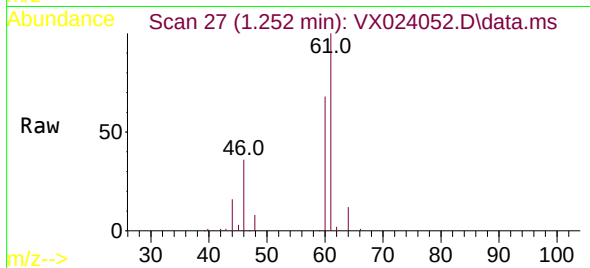




#4
 Vinyl Chloride
 Concen: 0.225 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024052.D
 Acq: 31 Aug 2021 18:22

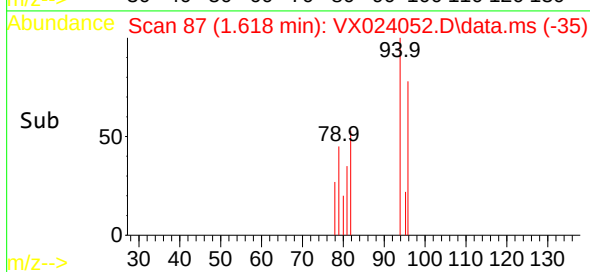
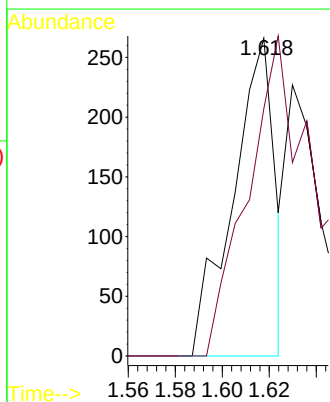
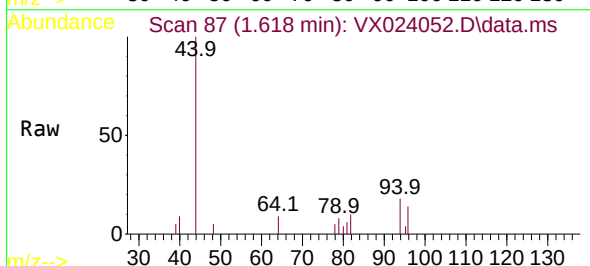
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

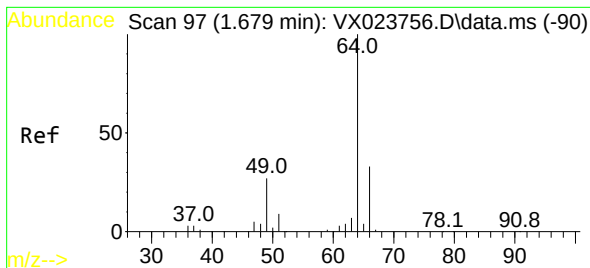
Tgt Ion: 62 Resp: 366
 Ion Ratio Lower Upper
 62 100
 64 530.5 25.7 38.5#



#5
 Bromomethane
 Concen: 0.322 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX024052.D
 Acq: 31 Aug 2021 18:22

Tgt Ion: 94 Resp: 330
 Ion Ratio Lower Upper
 94 100
 96 77.8 76.4 114.6





#6

Chloroethane

Concen: 2.324 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.006 min

Lab File: VX024052.D

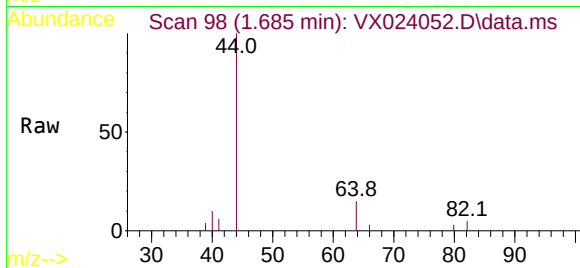
Acq: 31 Aug 2021 18:22

Tgt Ion: 64 Resp: 152

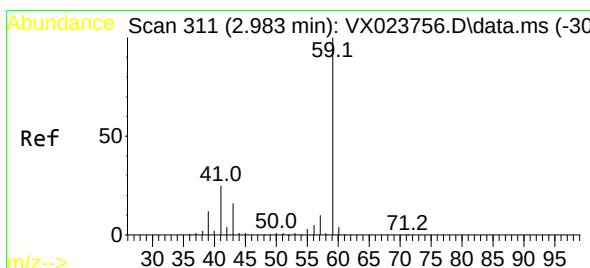
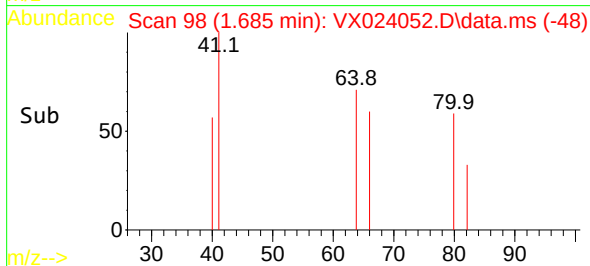
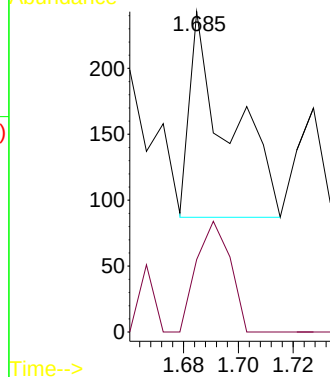
Ion Ratio Lower Upper

64 100

66 35.3 25.4 38.0



Abundance



#11

Tert butyl alcohol

Concen: 1.501 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX024052.D

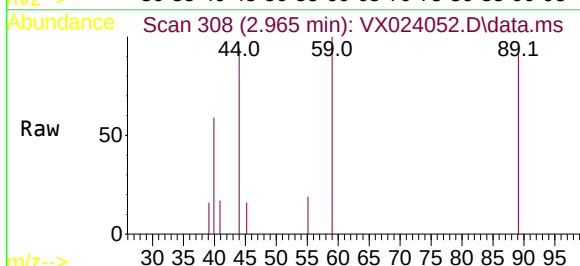
Acq: 31 Aug 2021 18:22

Tgt Ion: 59 Resp: 611

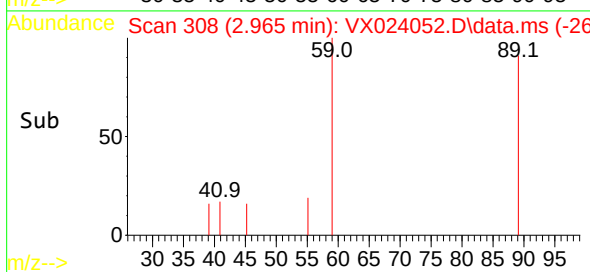
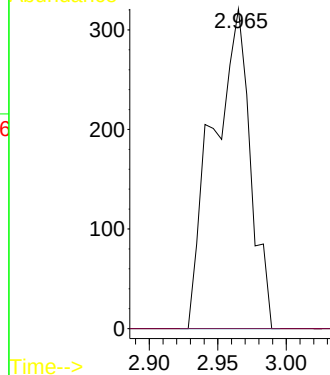
Ion Ratio Lower Upper

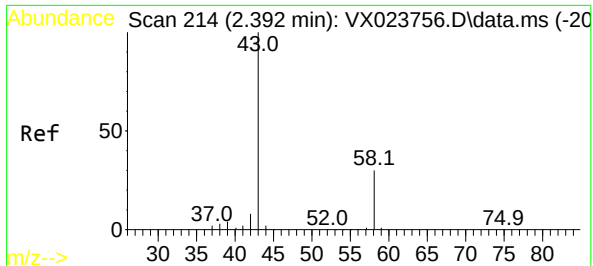
59 100

57 0.0 7.8 11.8#



Abundance

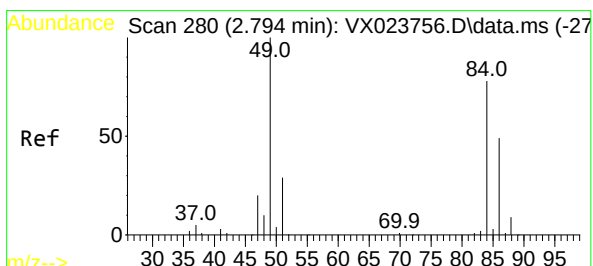
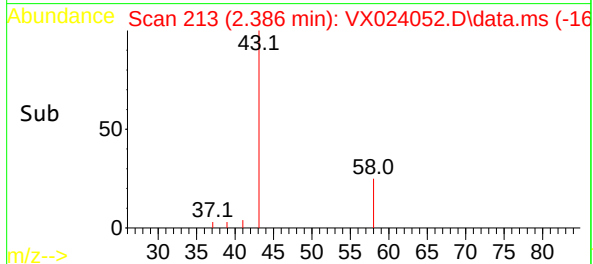
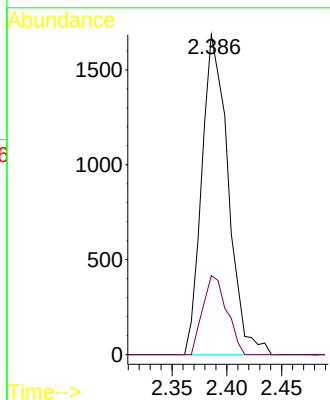
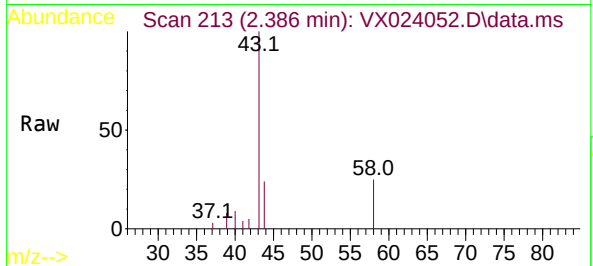




#16
Acetone
Concen: 3.136 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

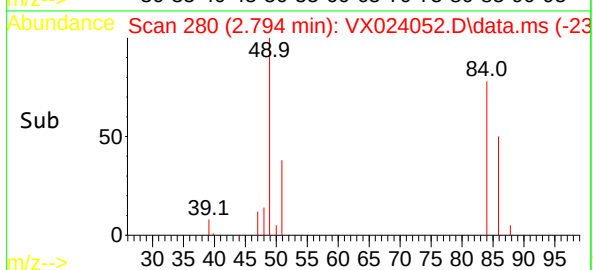
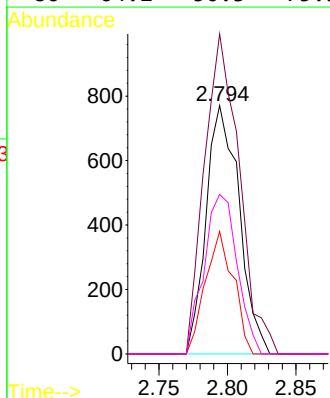
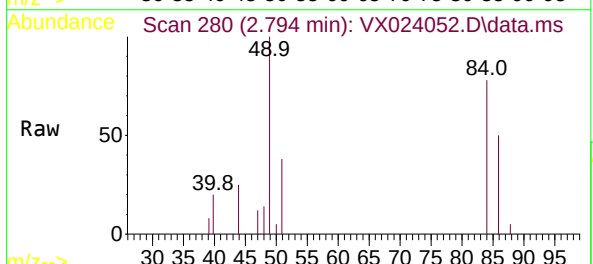
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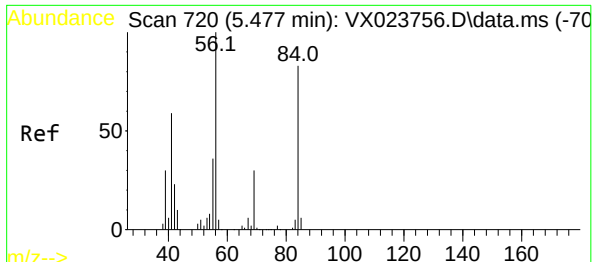
Tgt Ion: 43 Resp: 2823
Ion Ratio Lower Upper
43 100
58 24.7 27.8 41.8#



#20
Methylene Chloride
Concen: 0.750 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

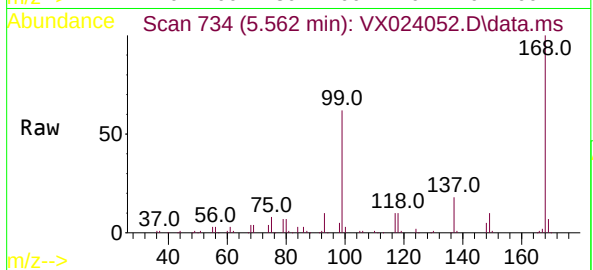
Tgt Ion: 84 Resp: 1289
Ion Ratio Lower Upper
84 100
49 128.8 88.6 132.8
51 49.3 27.0 40.6#
86 64.2 50.3 75.5



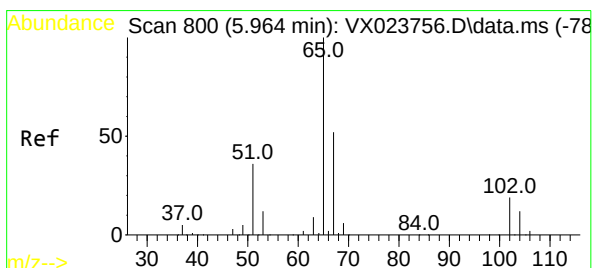
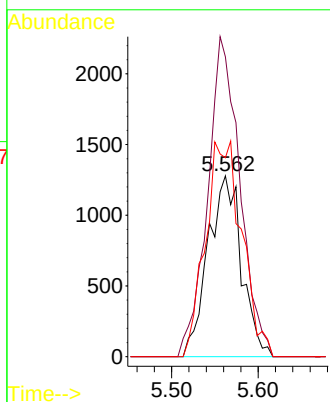
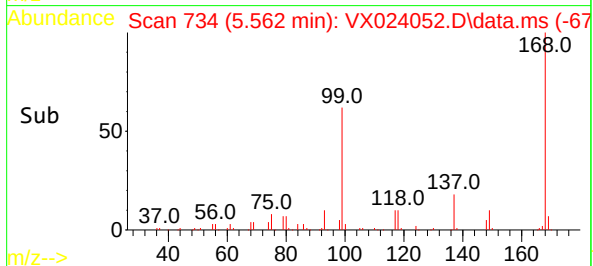


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

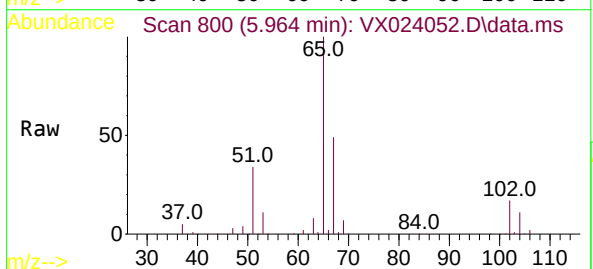
Instrument :
MSVOA_X
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STORAGE-BLANK-SAMPLE-MANA



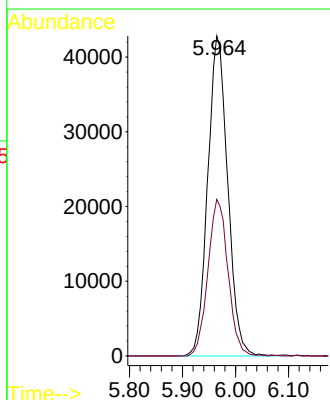
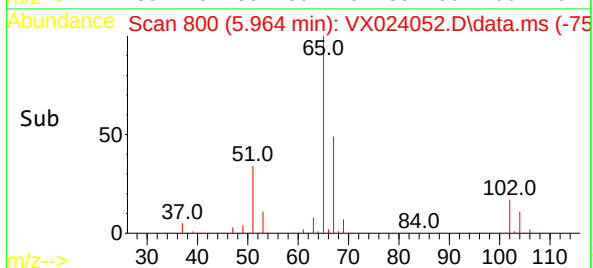
Tgt Ion: 56 Resp: 3433
Ion Ratio Lower Upper
56 100
69 165.8 25.3 37.9#
84 109.9 71.4 107.0#

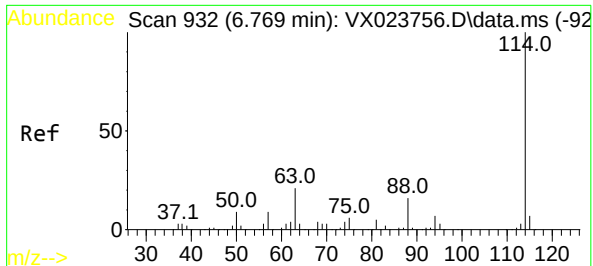


#33
1,2-Dichloroethane-d4
Concen: 55.659 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22



Tgt Ion: 65 Resp: 112066
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.4

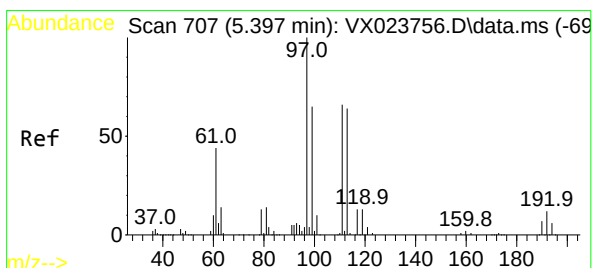
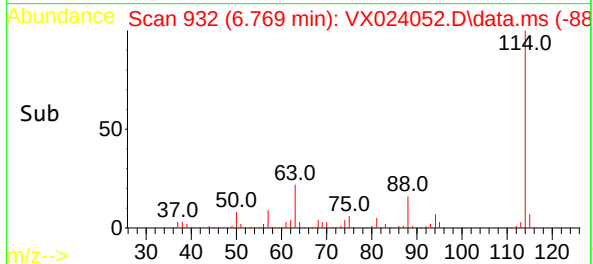
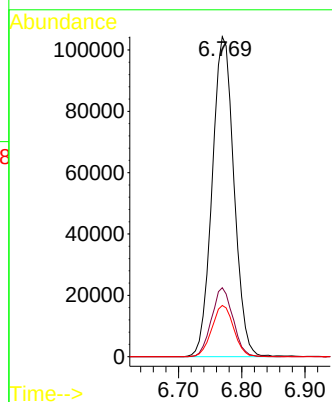
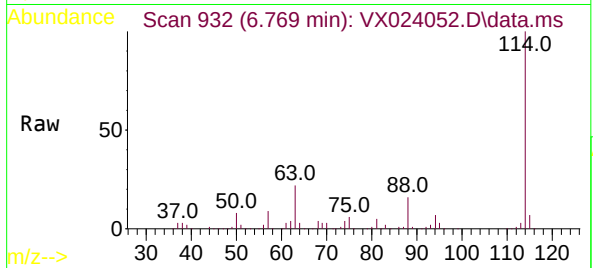




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

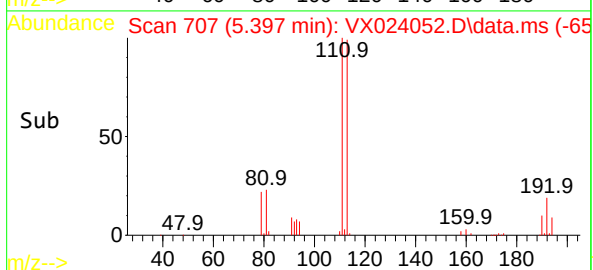
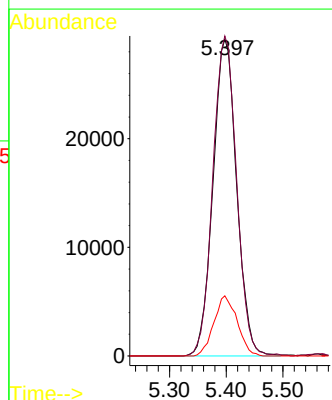
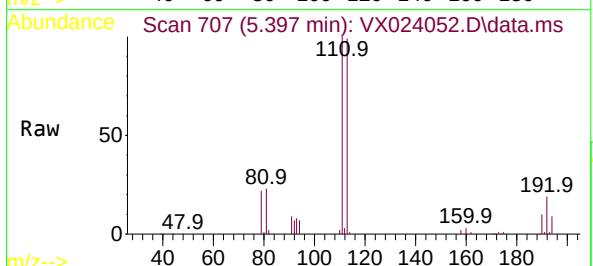
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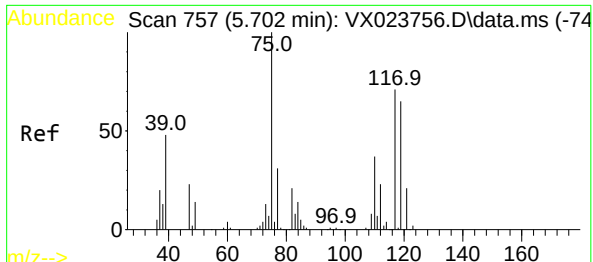
Tgt Ion:114 Resp: 249848
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.087 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

Tgt Ion:113 Resp: 84481
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 18.7 16.7 25.1

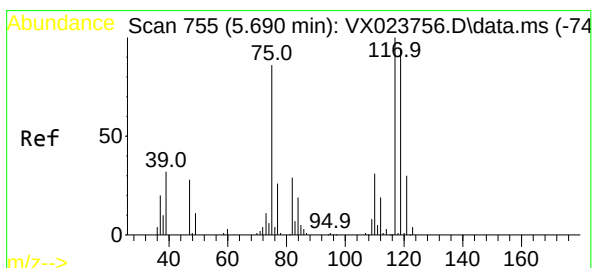
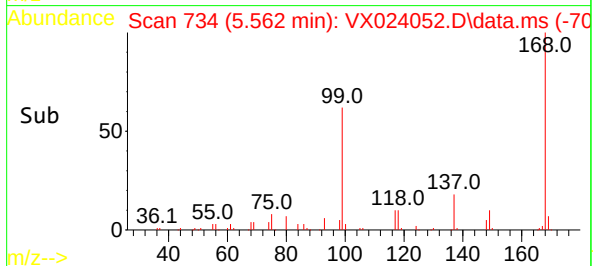
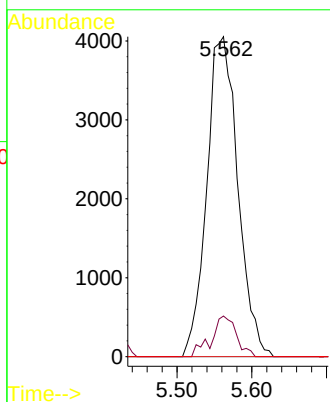
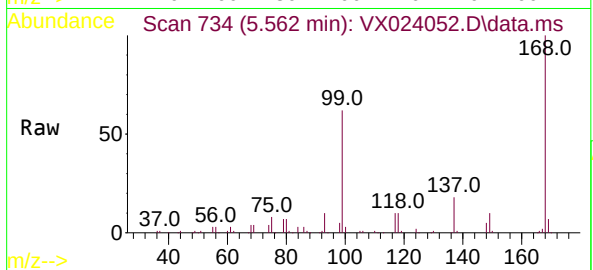




#36
1,1-Dichloropropene
Concen: 5.067 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

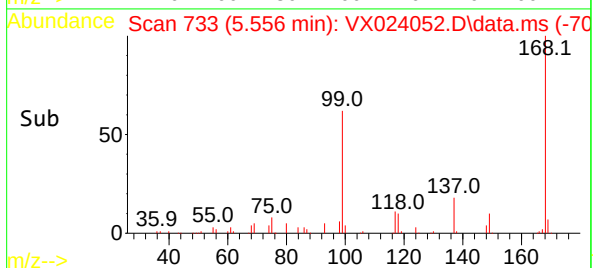
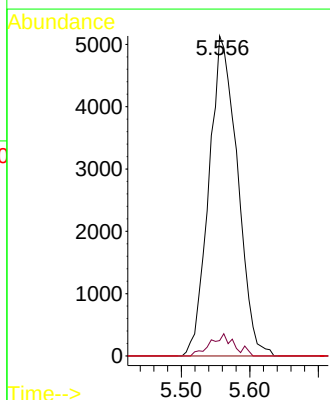
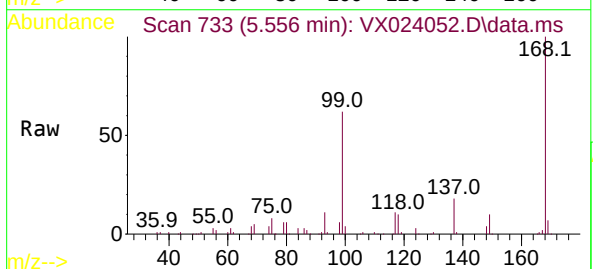
Instrument :
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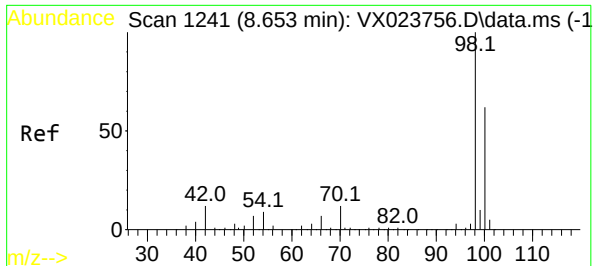
Tgt Ion: 75 Resp: 11723
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.149 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

Tgt Ion: 117 Resp: 14837
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

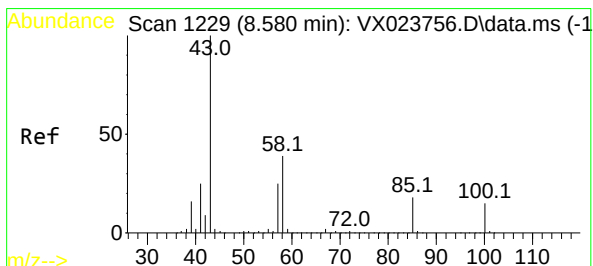
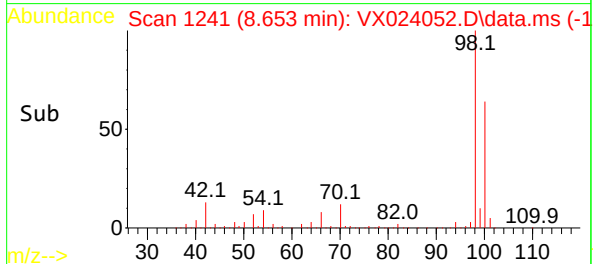
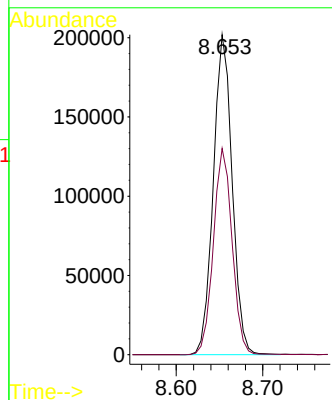
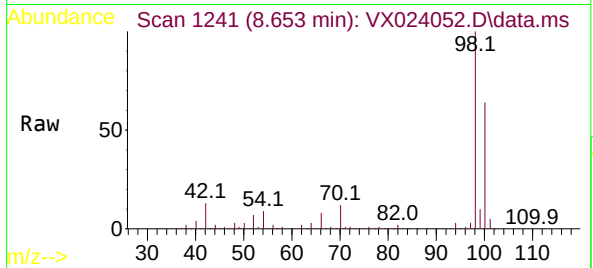




#50
Toluene-d8
Concen: 48.532 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

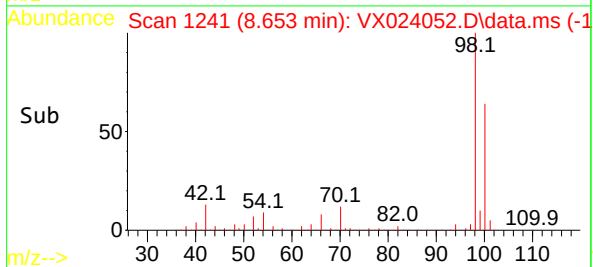
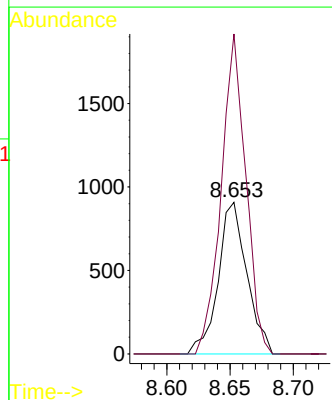
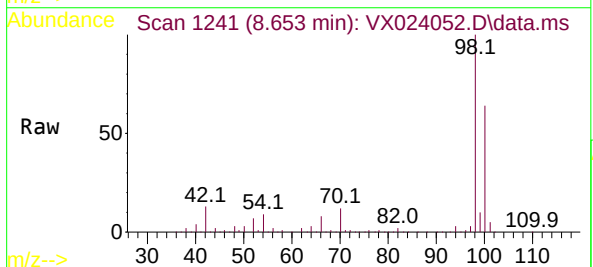
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

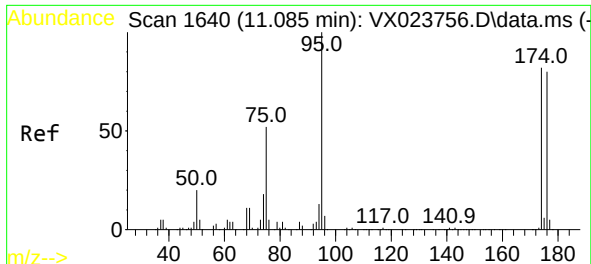
Tgt Ion: 98 Resp: 305459
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
58 181.5 35.4 53.0#

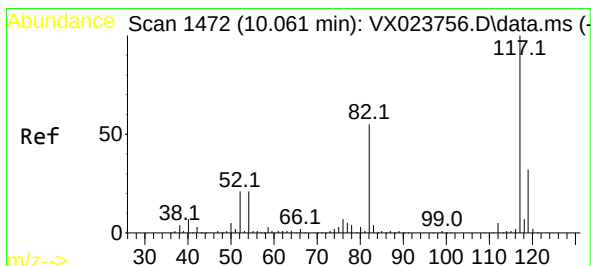
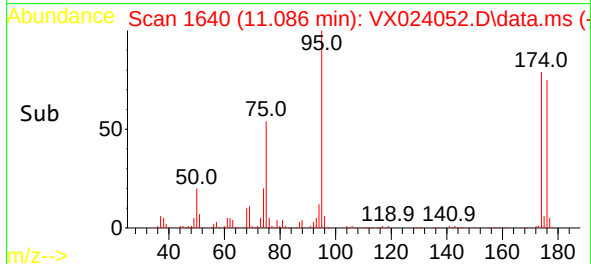
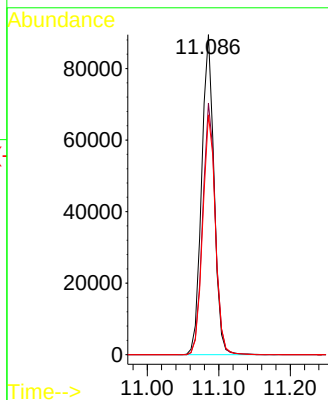
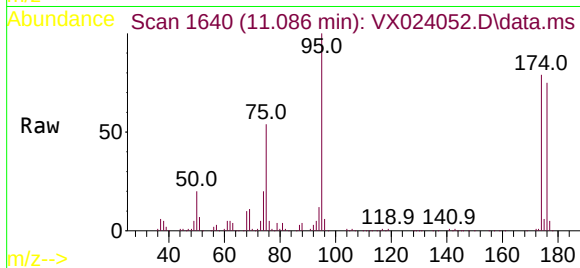




#62
4-Bromofluorobenzene
Concen: 46.535 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

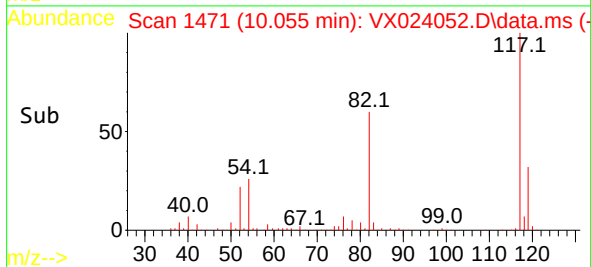
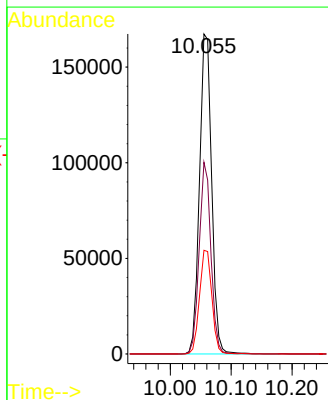
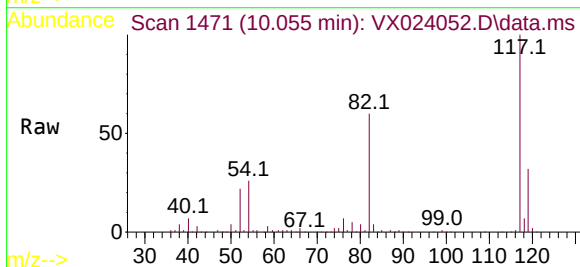
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

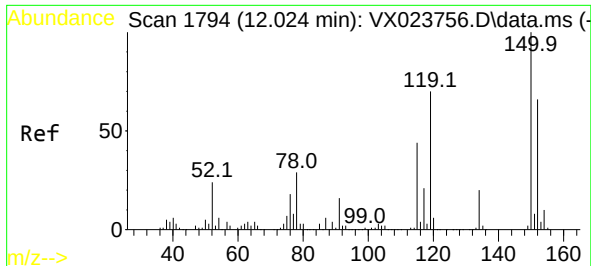
Tgt Ion: 95 Resp: 107821
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 76.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

Tgt Ion: 117 Resp: 232477
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.4 26.6 39.8

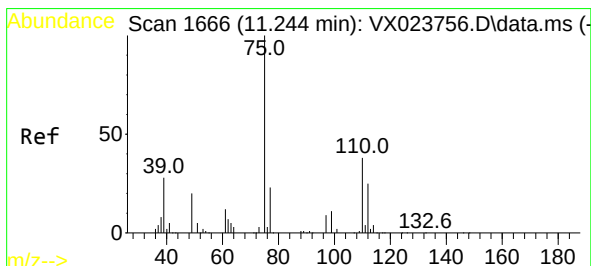
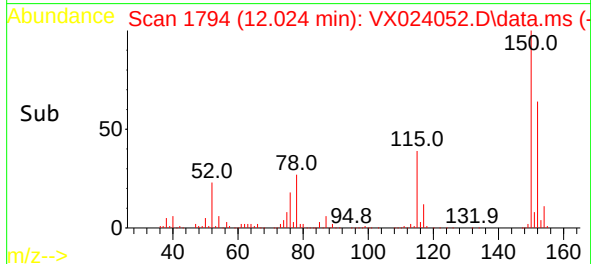
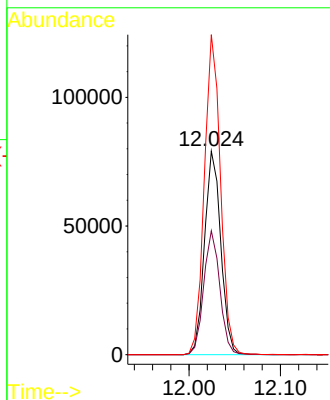
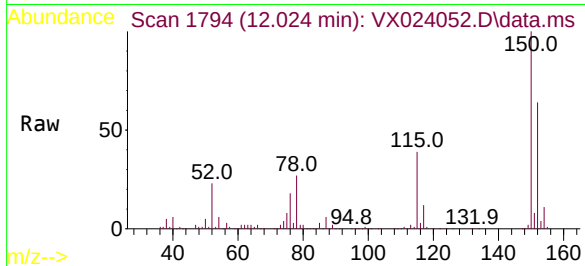




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

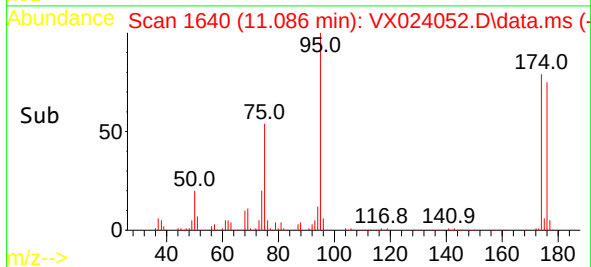
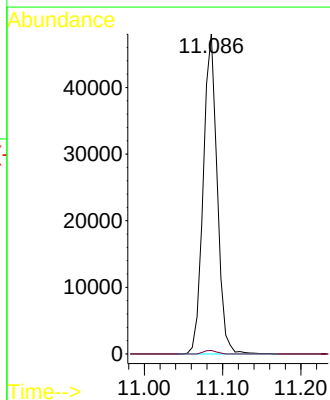
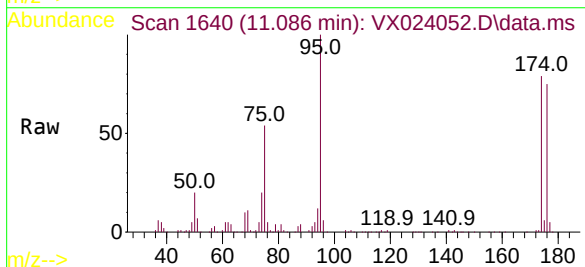
Instrument :
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ClientSampleId :
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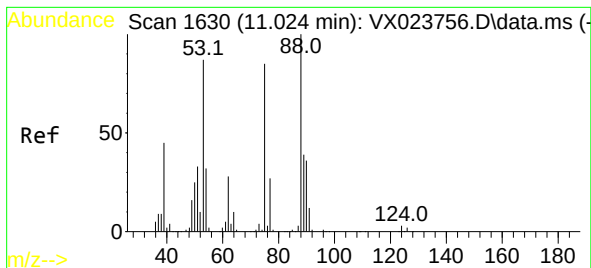
Tgt Ion:152 Resp: 97284
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 156.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.078 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024052.D
Acq: 31 Aug 2021 18:22

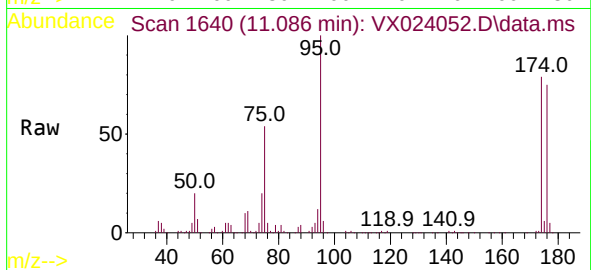
Tgt Ion: 75 Resp: 59180
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.708 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. 0.062 min
 Lab File: VX024052.D
 Acq: 31 Aug 2021 18:22

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



Tgt Ion: 75 Resp: 59180
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

