

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030252.D
 Acq On : 28 Jul 2022 00:03
 Operator : JC/MD
 Sample : N3839-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Jul 28 05:55:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

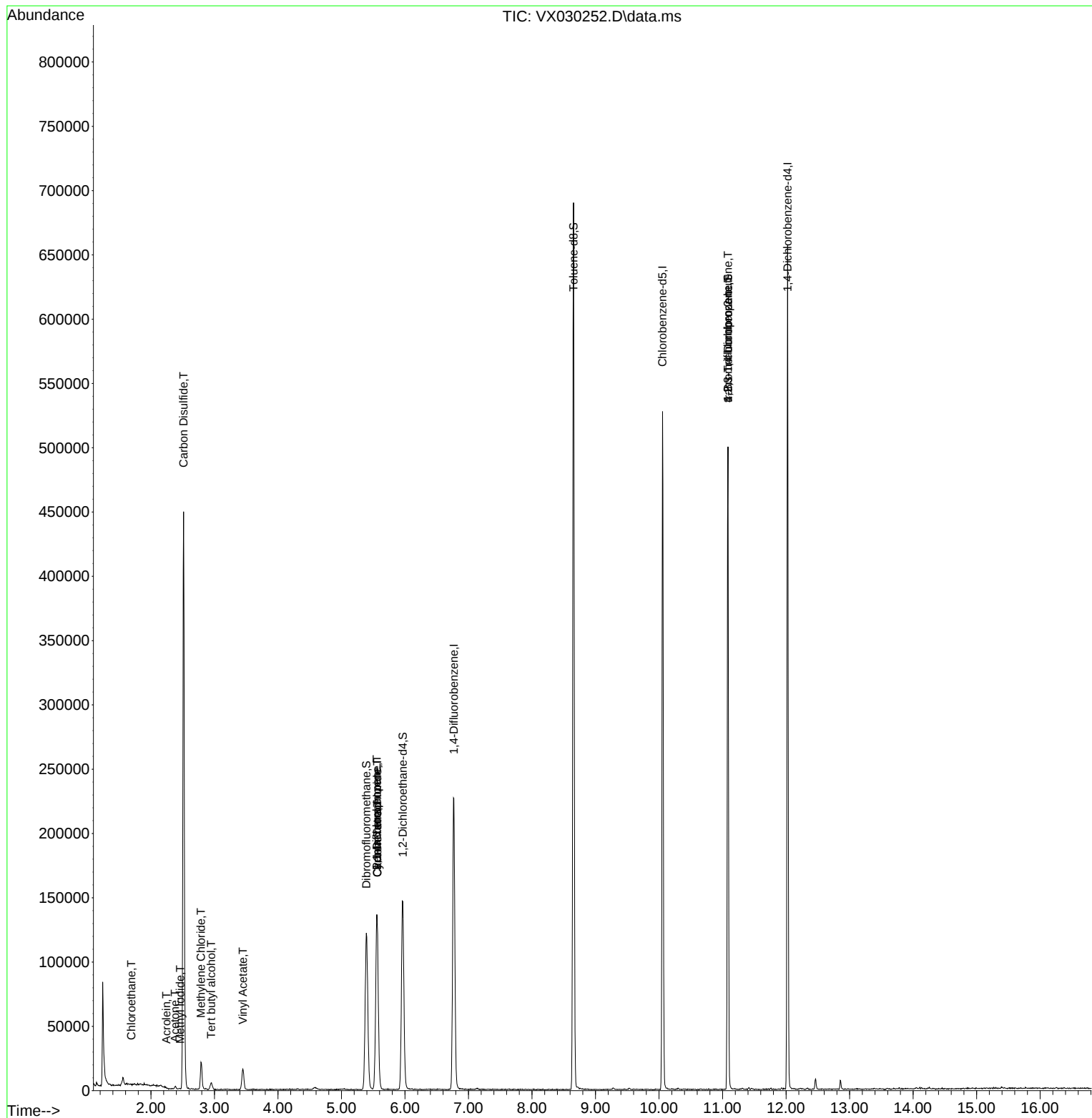
Internal Standards						
1) Pentafluorobenzene	5.556	168	125276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138398	54.964	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.920%	
35) Dibromofluoromethane	5.391	113	109141	49.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.880%	
50) Toluene-d8	8.653	98	399110	47.161	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.320%	
62) 4-Bromofluorobenzene	11.085	95	139009	44.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.520%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	248	Below Cal	#	42
6) Chloroethane	1.691	64	393	0.334	ug/l #	67
10) Methyl Iodide	2.459	142	569	1.808	ug/l #	88
11) Tert butyl alcohol	2.947	59	3440	5.601	ug/l #	74
13) Acrolein	2.239	56	108	0.715	ug/l	84
16) Acetone	2.380	43	2156	1.672	ug/l #	86
17) Carbon Disulfide	2.514	76	541812	102.563	ug/l	100
20) Methylene Chloride	2.788	84	9278	1.752	ug/l	87
23) Vinyl Acetate	3.446	43	4612	0.696	ug/l #	79
31) Cyclohexane	5.562	56	3274	0.896	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10792	3.432	ug/l #	47
38) Carbon Tetrachloride	5.562	117	12880	4.387	ug/l #	18
67) Ethyl Benzene	10.201	91	390	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	69856	21.151	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	69856	63.451	ug/l #	12

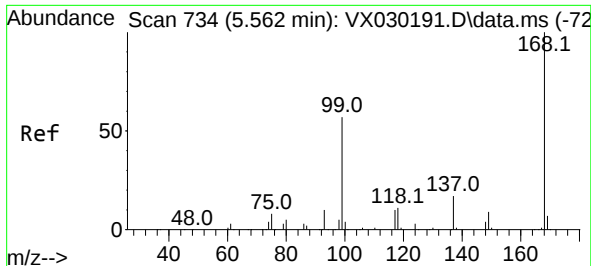
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 28 05:55:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

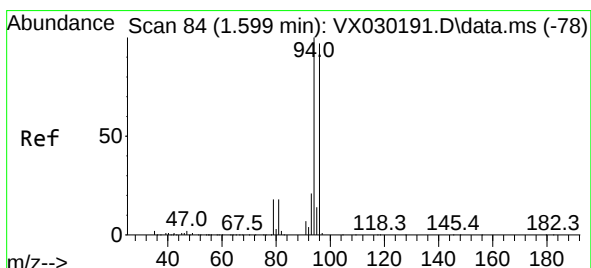
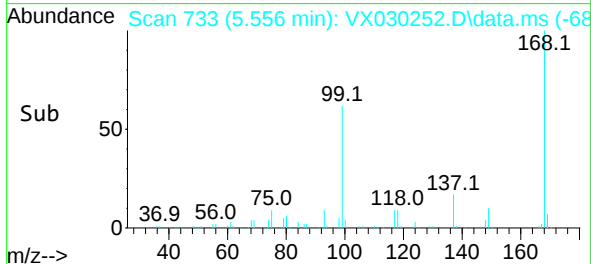
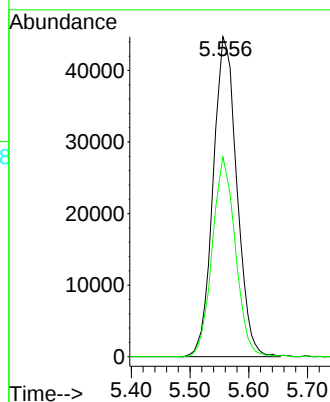
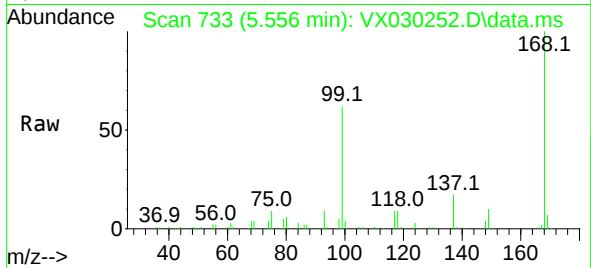




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

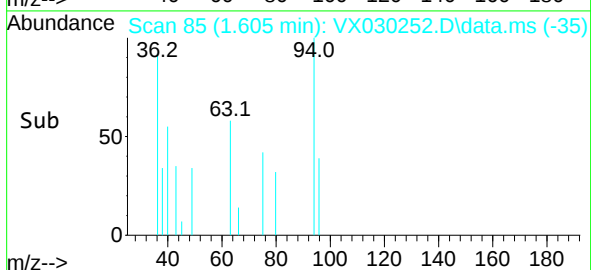
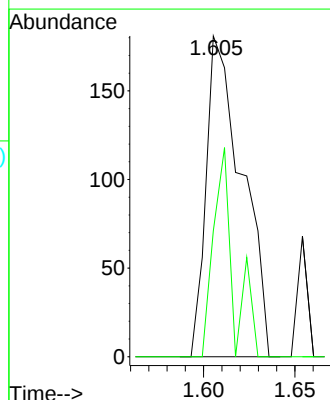
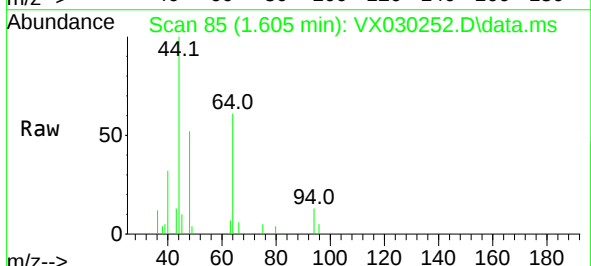
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

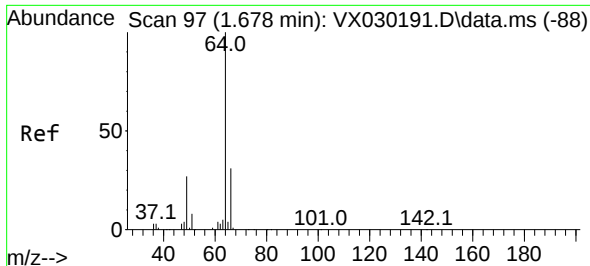
Tgt Ion:168 Resp: 125276
Ion Ratio Lower Upper
168 100
99 62.4 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

Tgt Ion: 94 Resp: 248
Ion Ratio Lower Upper
94 100
96 39.2 76.9 115.3#

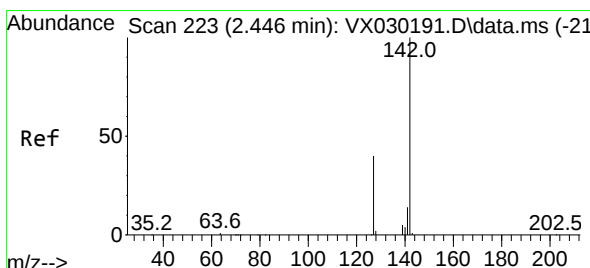
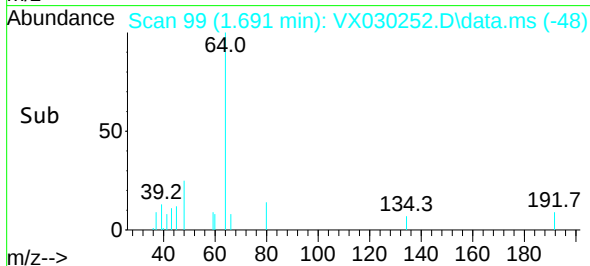
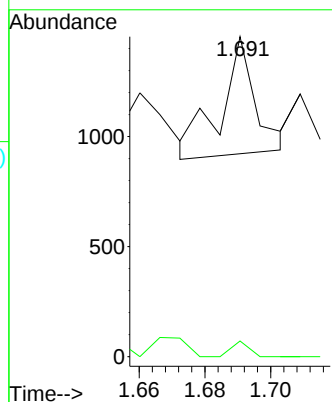
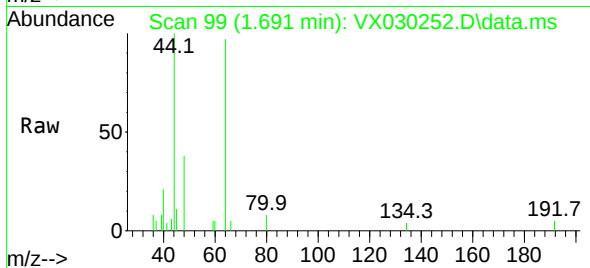




#6
Chloroethane
Concen: 0.334 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

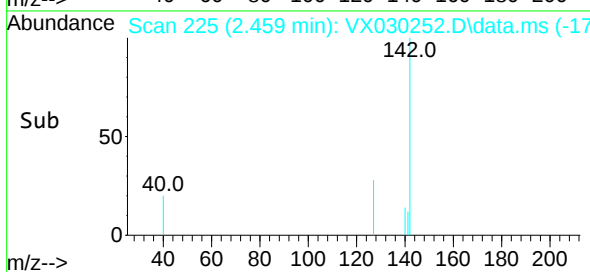
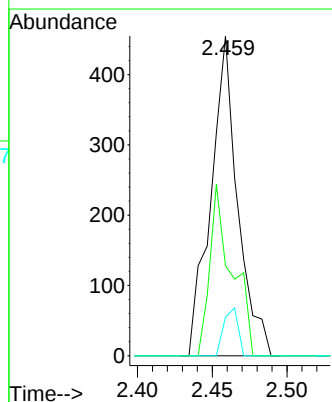
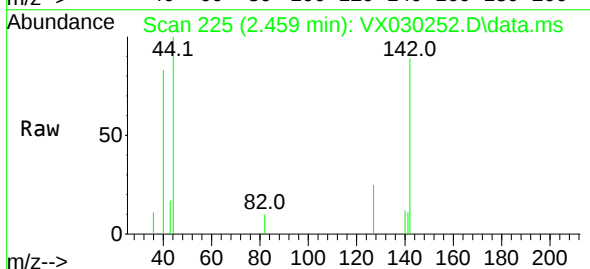
Instrument :
MSVOA_X
ClientSampleId :
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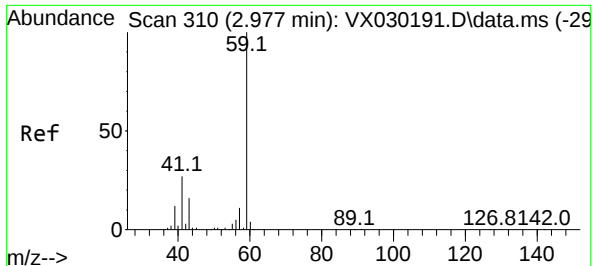
Tgt Ion: 64 Resp: 393
Ion Ratio Lower Upper
64 100
66 15.0 27.2 40.8#



#10
Methyl Iodide
Concen: 1.808 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.013 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

Tgt Ion: 142 Resp: 569
Ion Ratio Lower Upper
142 100
127 44.1 30.2 45.2
141 7.9 11.3 16.9#





#11

Tert butyl alcohol

Concen: 5.601 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.030 min

Lab File: VX030252.D

Acq: 28 Jul 2022 00:03

Instrument :

MSVOA_X

ClientSampleId :

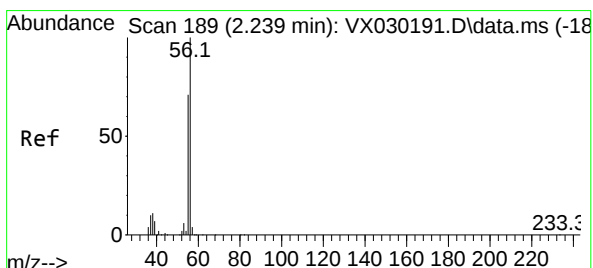
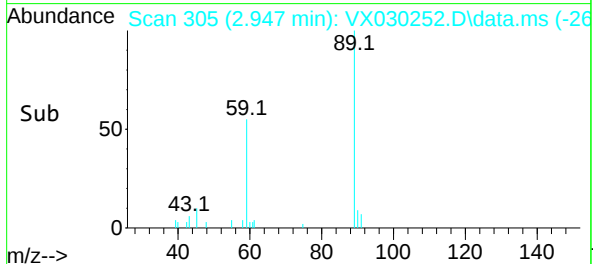
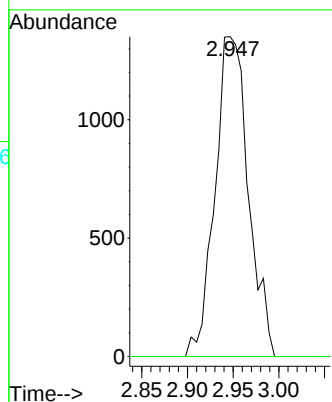
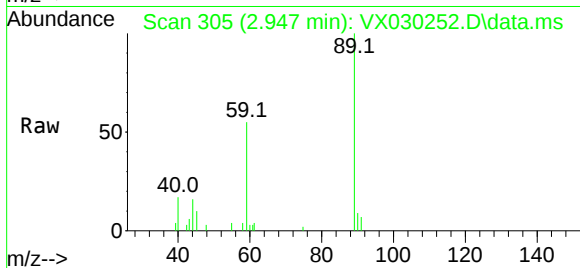
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Tgt Ion: 59 Resp: 3440

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 0.715 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX030252.D

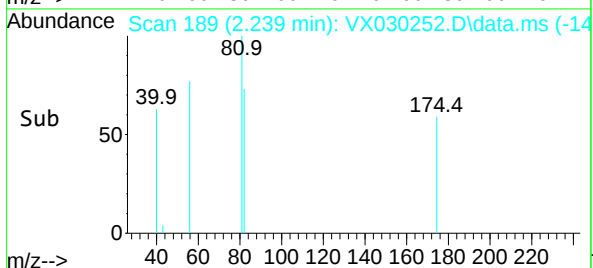
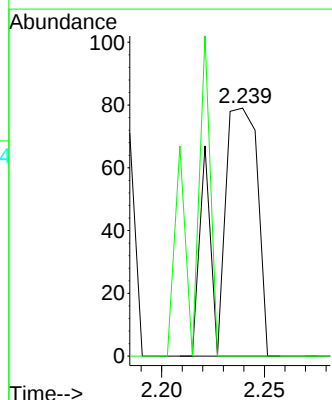
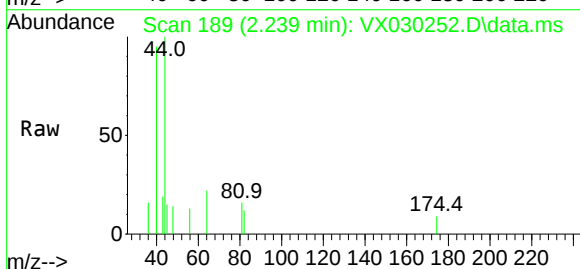
Acq: 28 Jul 2022 00:03

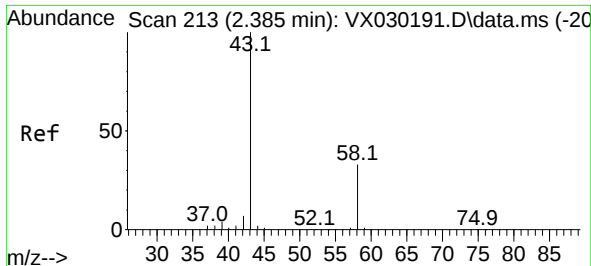
Tgt Ion: 56 Resp: 108

Ion Ratio Lower Upper

56 100

55 57.4 56.6 84.8

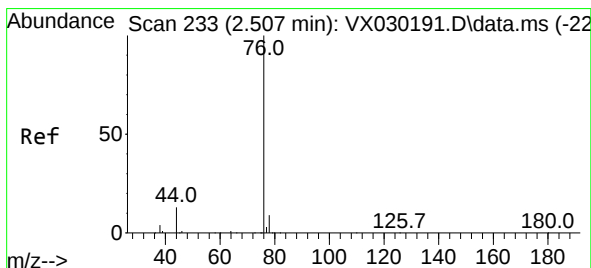
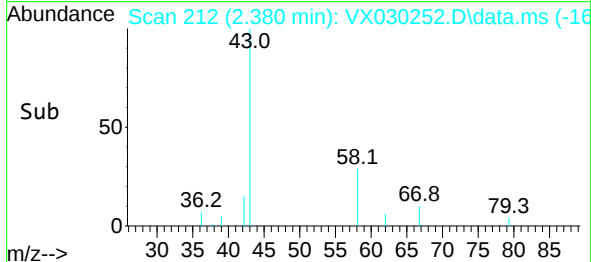
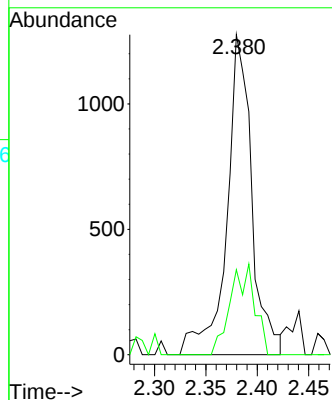
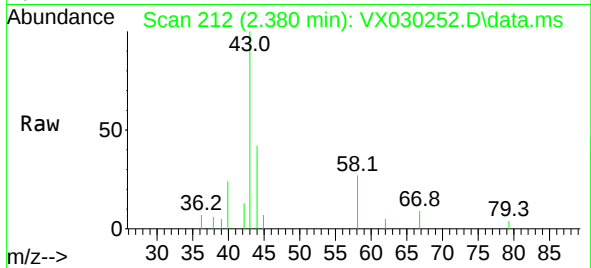




#16
Acetone
Concen: 1.672 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.005 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

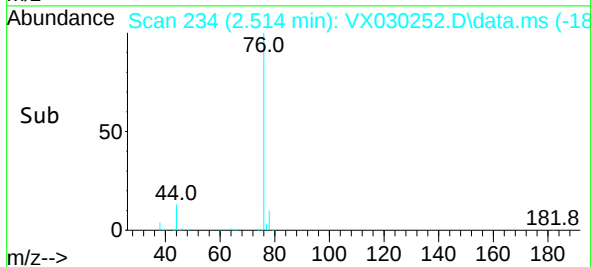
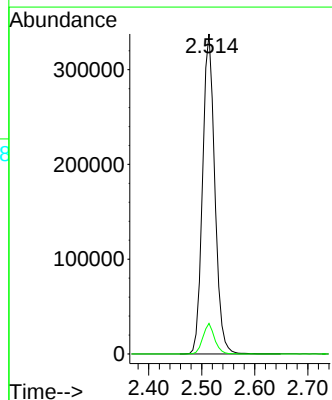
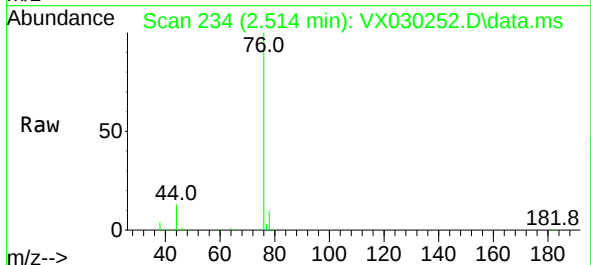
Instrument :
MSVOA_X
ClientSampleId :
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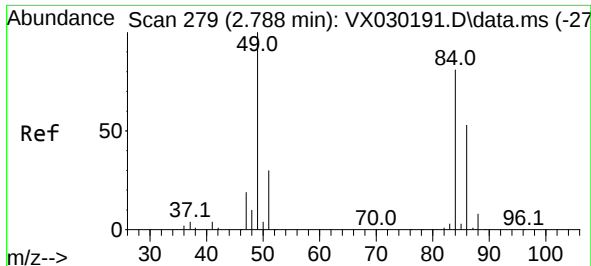
Tgt Ion: 43 Resp: 2156
Ion Ratio Lower Upper
43 100
58 26.6 27.7 41.5#



#17
Carbon Disulfide
Concen: 102.563 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

Tgt Ion: 76 Resp: 541812
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.6





#20

Methylene Chloride

Concen: 1.752 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX030252.D

Acq: 28 Jul 2022 00:03

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK

Tgt Ion: 84 Resp: 9278

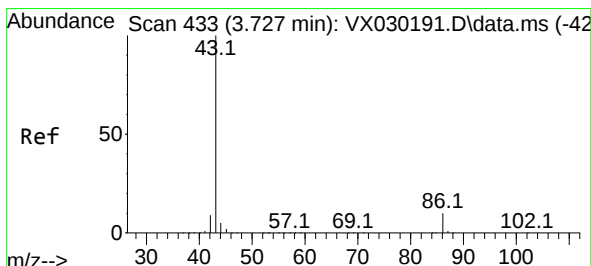
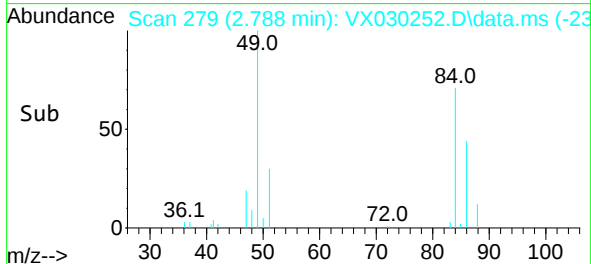
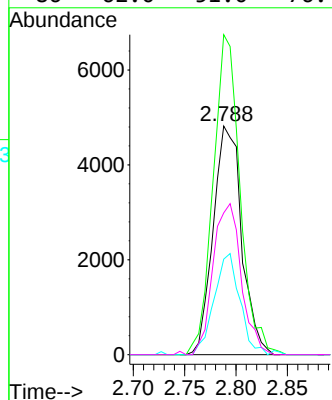
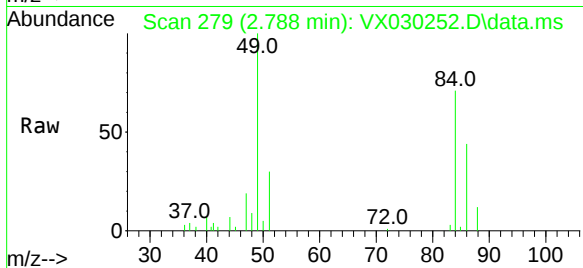
Ion Ratio Lower Upper

84 100

49 139.9 93.8 140.6

51 41.8 29.4 44.0

86 62.0 51.0 76.4



#23

Vinyl Acetate

Concen: 0.696 ug/l

RT: 3.446 min Scan# 387

Delta R.T. -0.281 min

Lab File: VX030252.D

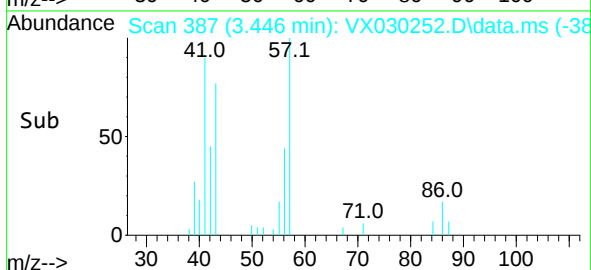
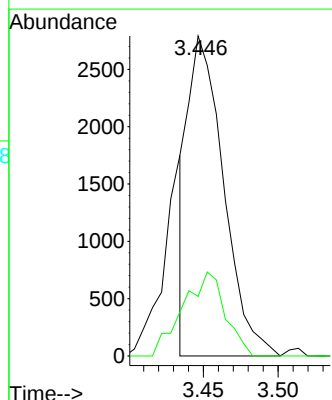
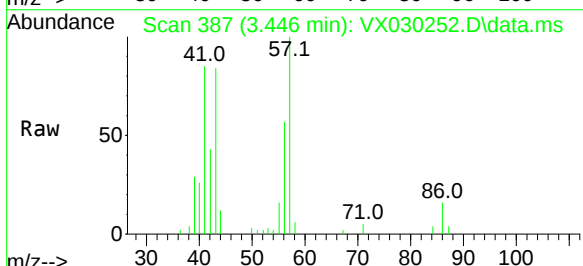
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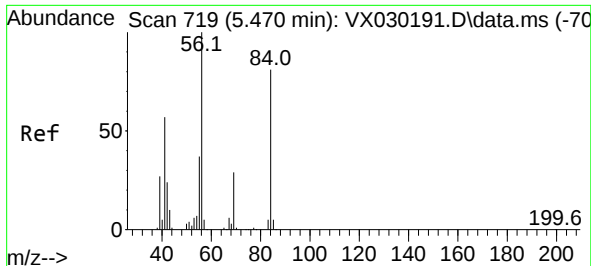
Tgt Ion: 43 Resp: 4612

Ion Ratio Lower Upper

43 100

86 18.6 8.5 12.7#

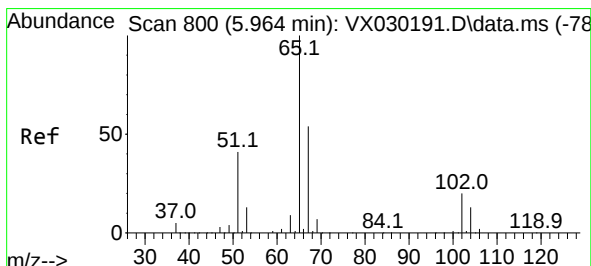
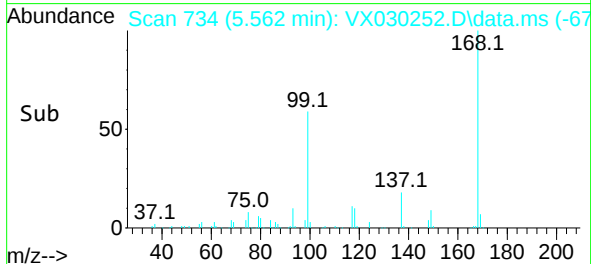
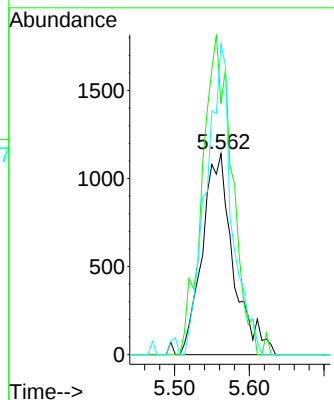
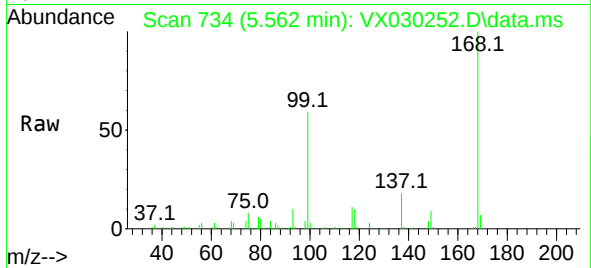




#31
Cyclohexane
Concen: 0.896 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

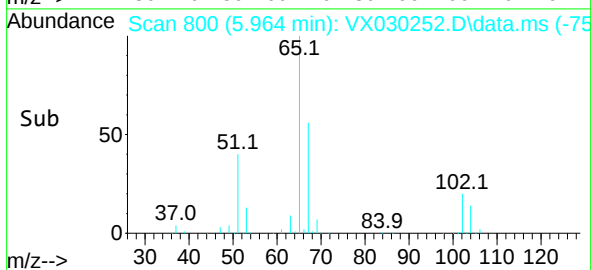
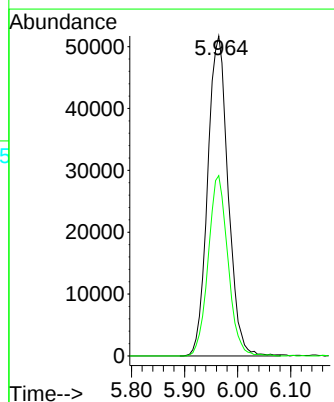
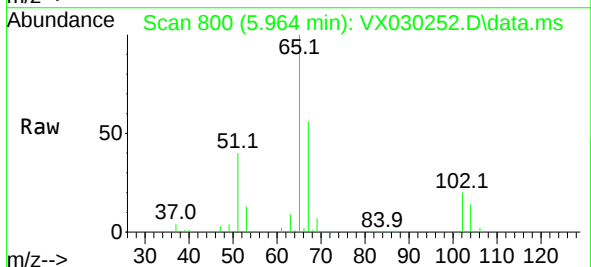
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ClientSampleId :
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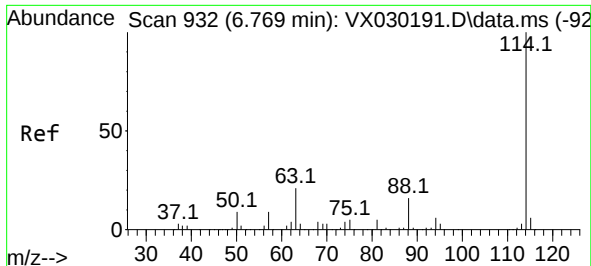
Tgt Ion: 56 Resp: 3274
Ion Ratio Lower Upper
56 100
69 125.0 25.4 38.0#
84 154.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.964 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

Tgt Ion: 65 Resp: 138398
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6

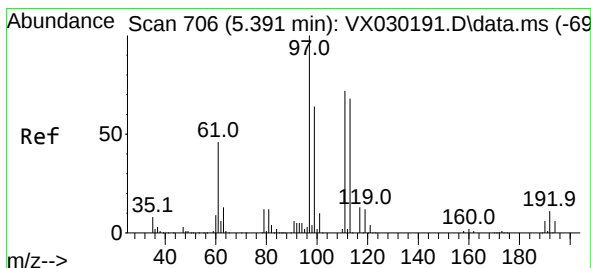
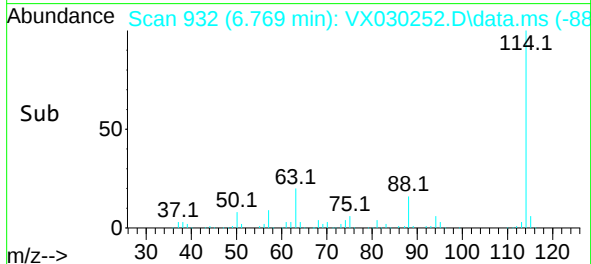
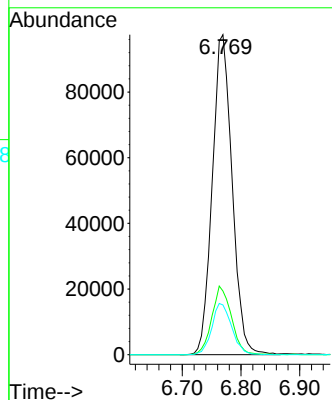
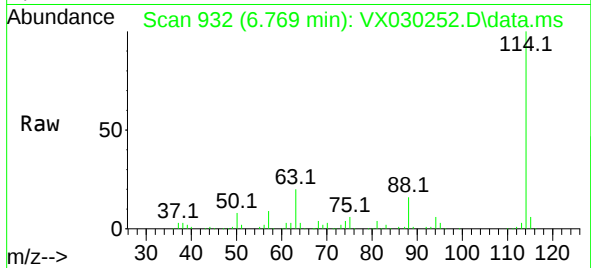




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

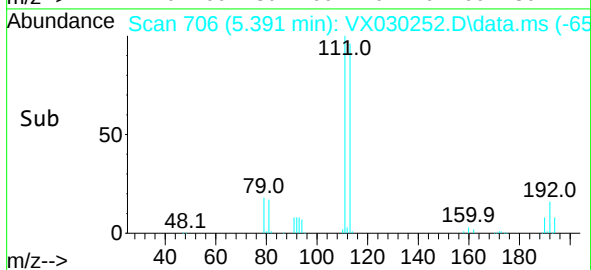
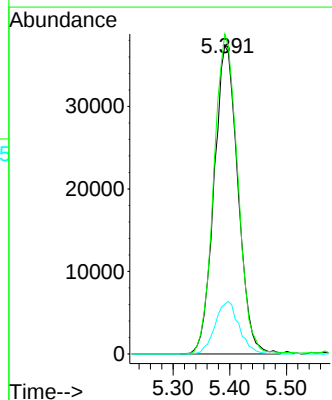
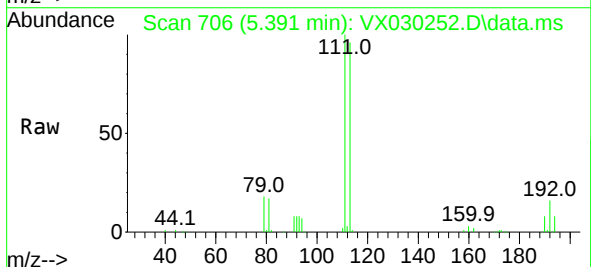
Instrument :
MSVOA_X
ClientSampleId :
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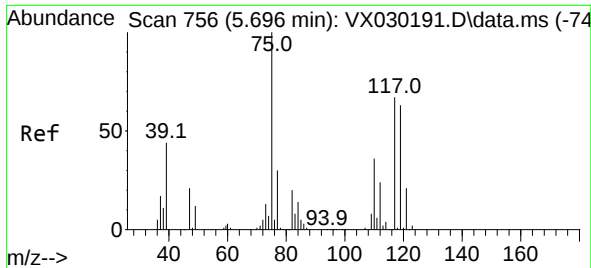
Tgt Ion:114 Resp: 228597
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.4
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.944 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

Tgt Ion:113 Resp: 109141
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 17.1 14.8 22.2

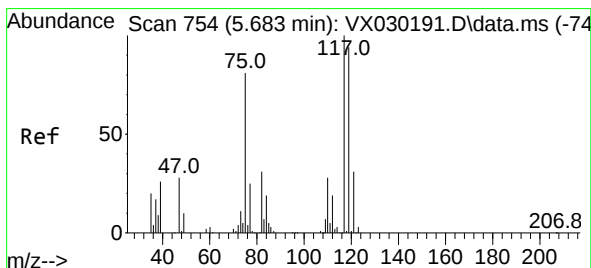
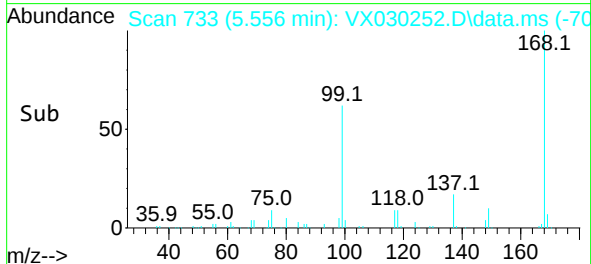
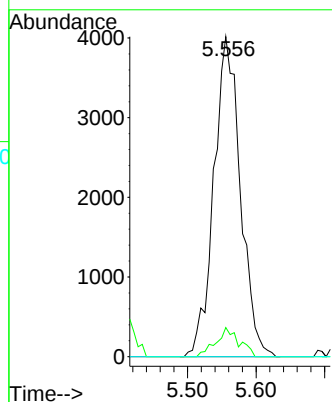
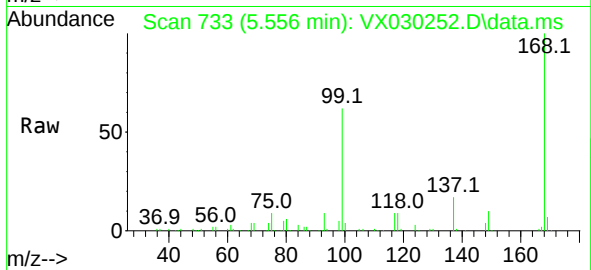




#36
1,1-Dichloropropene
Concen: 3.432 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

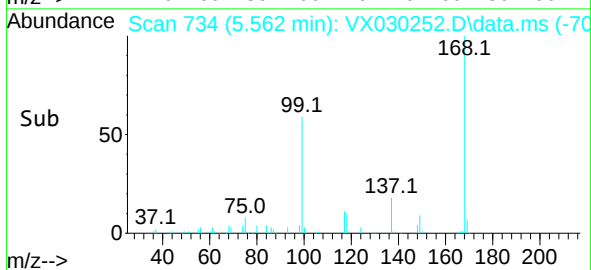
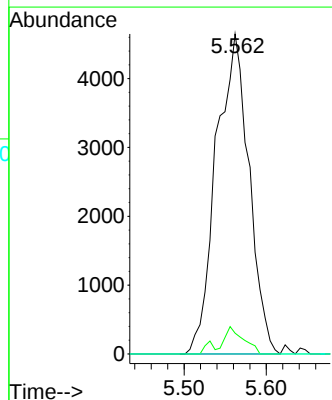
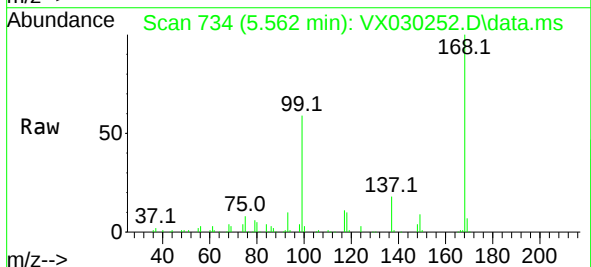
Instrument :
MSVOA_X
ClientSampleId :
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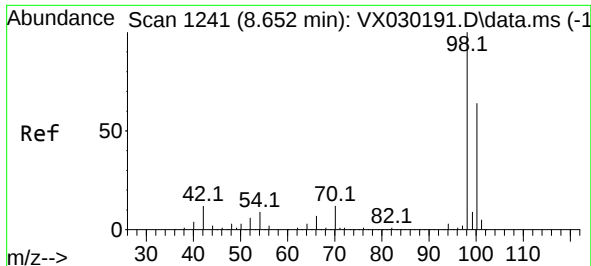
Tgt Ion: 75 Resp: 10792
Ion Ratio Lower Upper
75 100
110 7.9 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.387 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.121 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

Tgt Ion: 117 Resp: 12880
Ion Ratio Lower Upper
117 100
119 6.5 74.1 111.1#
121 0.0 25.8 38.8#

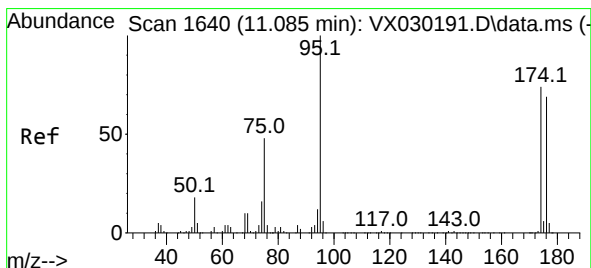
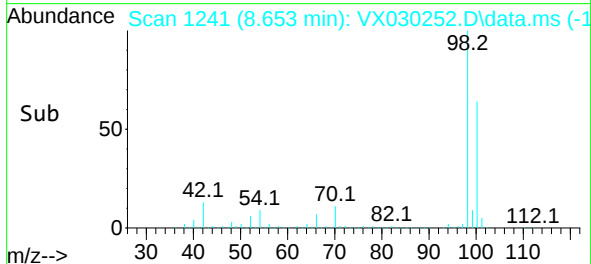
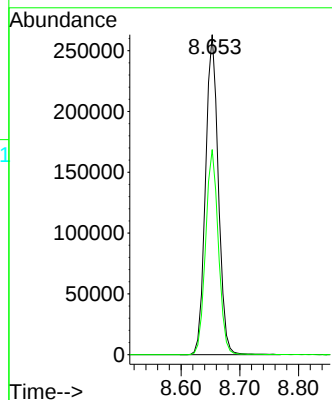
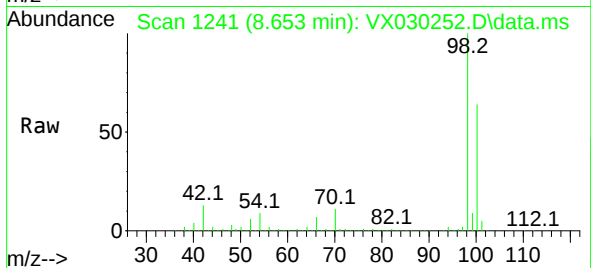




#50
Toluene-d8
Concen: 47.161 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

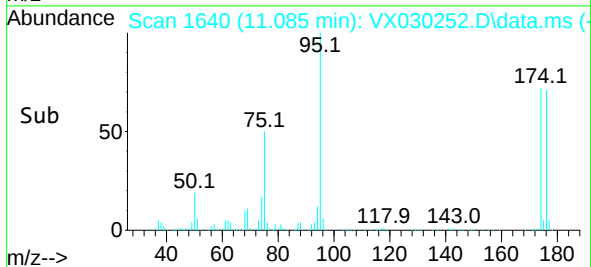
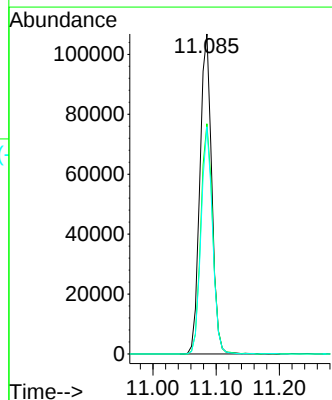
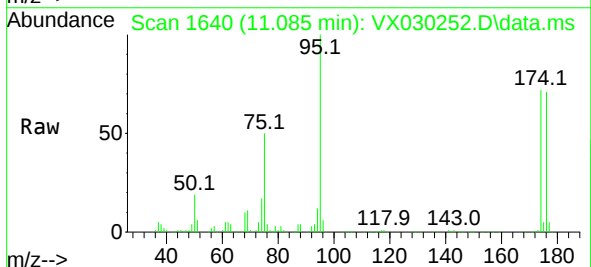
Instrument :
MSVOA_X
ClientSampleId :
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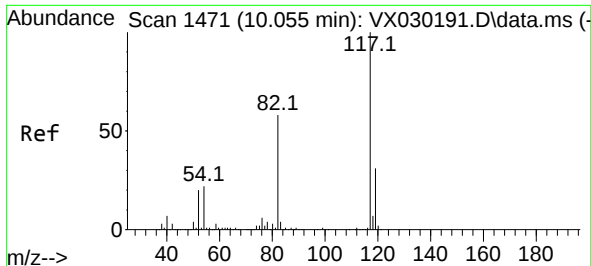
Tgt Ion: 98 Resp: 399110
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.260 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

Tgt Ion: 95 Resp: 139009
Ion Ratio Lower Upper
95 100
174 72.1 0.0 149.0
176 68.8 0.0 146.0

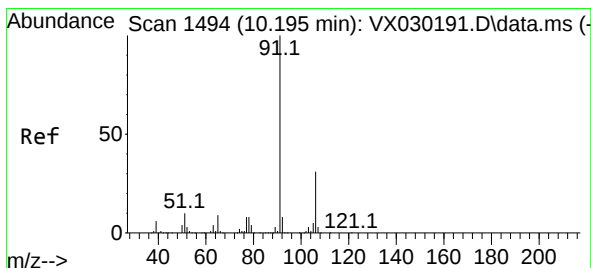
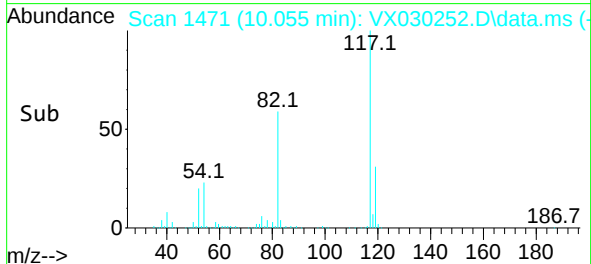
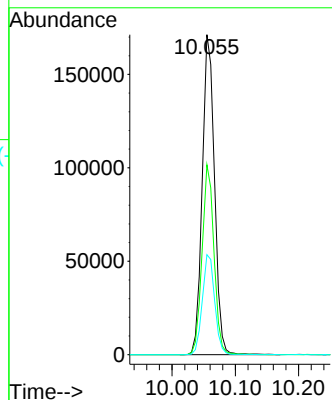
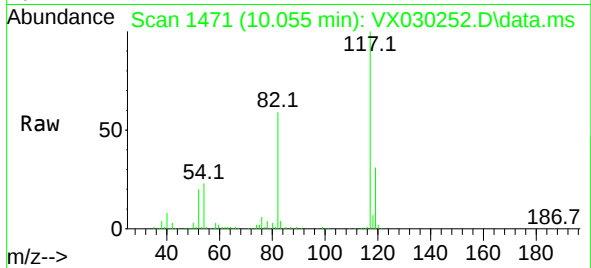




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

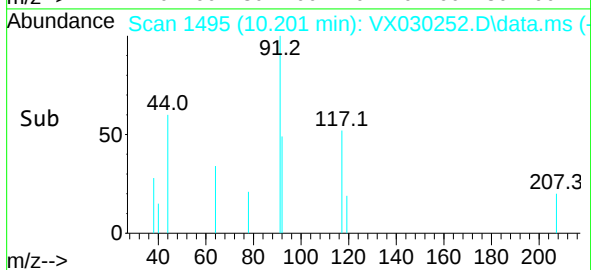
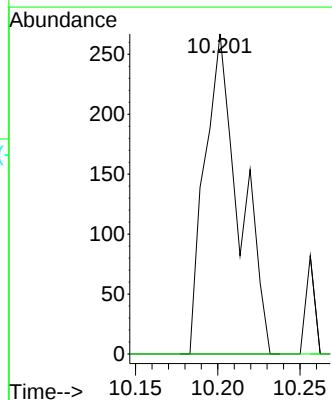
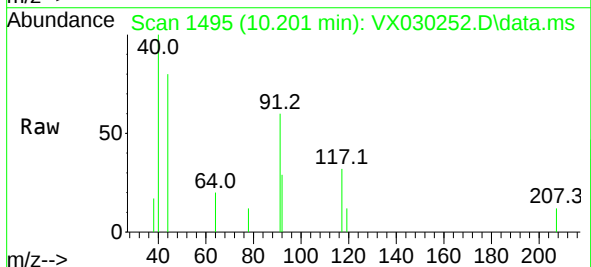
Instrument :
MSVOA_X
ClientSampleId :
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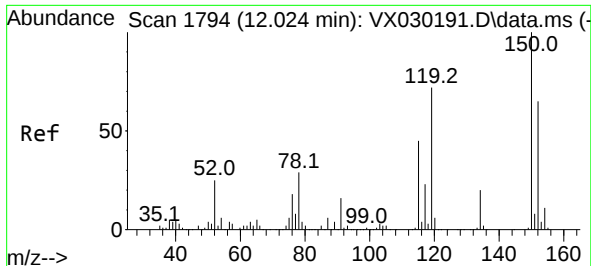
Tgt Ion:117 Resp: 231280
Ion Ratio Lower Upper
117 100
82 59.3 42.7 64.1
119 31.3 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

Tgt Ion: 91 Resp: 390
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#

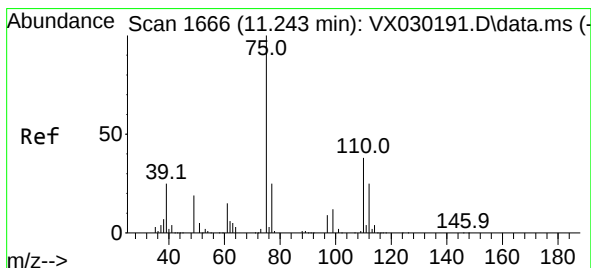
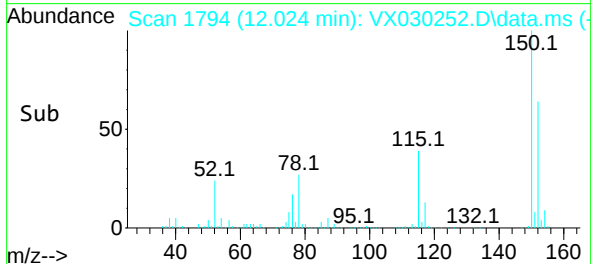
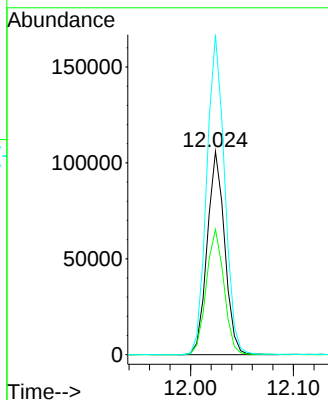
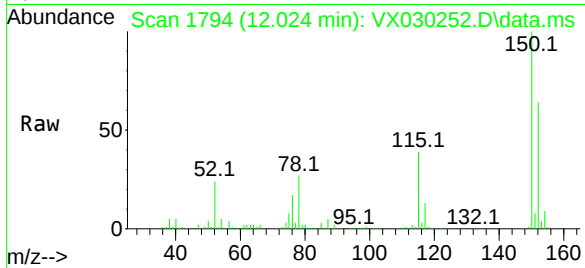




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

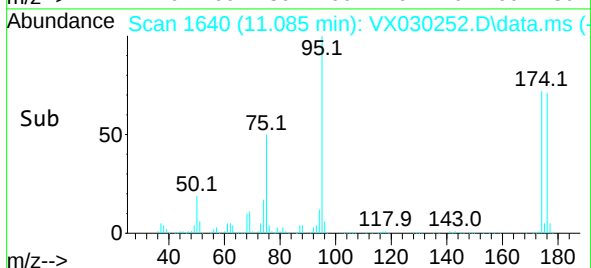
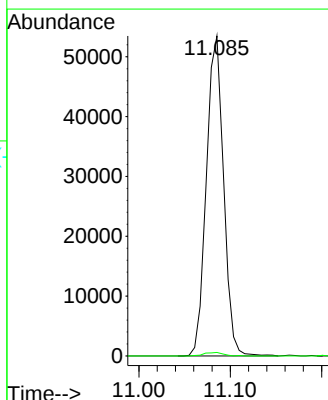
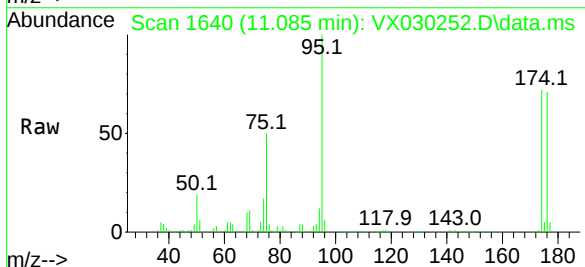
Instrument :
MSVOA_X
ClientSampleId :
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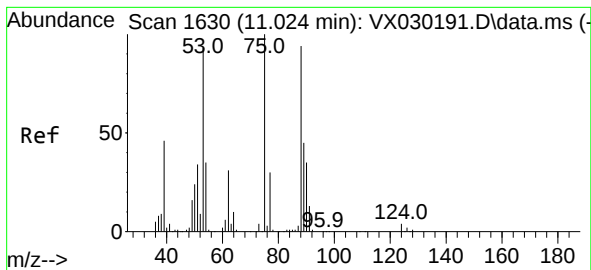
Tgt Ion:152 Resp: 125297
Ion Ratio Lower Upper
152 100
115 62.5 40.5 121.5
150 160.6 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 21.151 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030252.D
Acq: 28 Jul 2022 00:03

Tgt Ion: 75 Resp: 69856
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.451 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030252.D
 Acq: 28 Jul 2022 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Tgt Ion: 75 Resp: 69856
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

