

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030143.D
 Acq On : 20 Jul 2022 19:32
 Operator : JC/MD
 Sample : N3775-01 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-R-1

Quant Time: Jul 21 03:33:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	180692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	327383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	115277	52.414	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.820%
35) Dibromofluoromethane	5.391	113	97137	46.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.880%
50) Toluene-d8	8.653	98	376173	47.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.640%
62) 4-Bromofluorobenzene	11.085	95	123868	45.378	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.760%

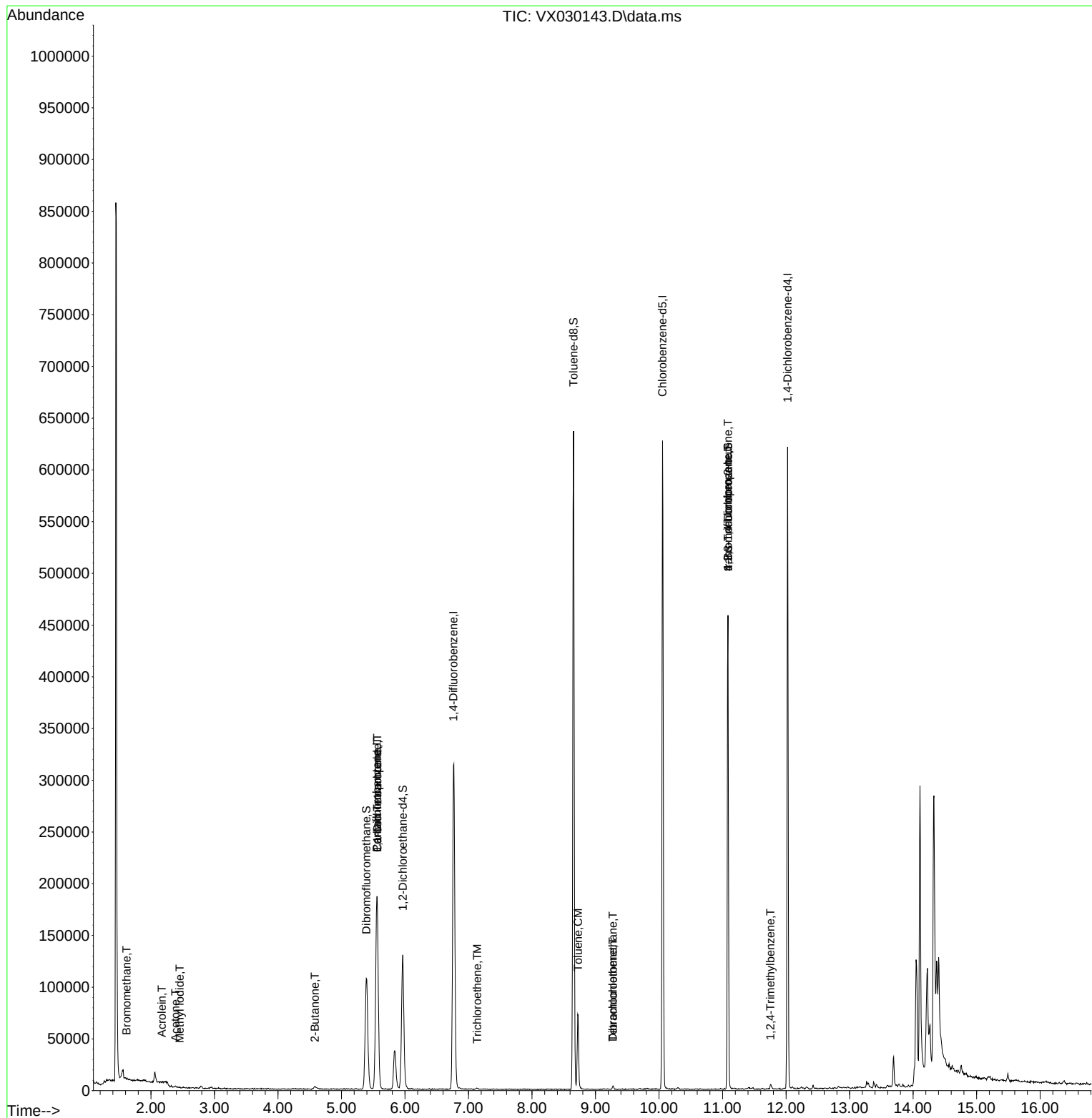
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.173	85	20	Below Cal	#	1
5) Bromomethane	1.618	94	365	0.411	ug/l	83
10) Methyl Iodide	2.453	142	319	2.576	ug/l	# 45
13) Acrolein	2.172	56	234	2.070	ug/l	# 1
16) Acetone	2.386	43	1073	1.035	ug/l	# 61
17) Carbon Disulfide	2.508	76	622	Below Cal	#	74
20) Methylene Chloride	2.794	84	994	Below Cal	#	69
25) 2-Butanone	4.580	43	3986	2.258	ug/l	93
36) 1,1-Dichloropropene	5.562	75	14081	5.212	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	17796	7.064	ug/l	# 18
44) Trichloroethene	7.135	130	503	0.202	ug/l	99
52) Toluene	8.726	92	26660	4.938	ug/l	97
60) Dibromochloromethane	9.275	129	678	0.313	ug/l	# 11
64) Tetrachloroethene	9.275	164	630	0.278	ug/l	# 81
76) 1,2,3-Trichloropropane	11.085	75	61973	22.645	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	61973	65.354	ug/l	# 12
84) 1,2,4-Trimethylbenzene	11.756	105	2027	0.293	ug/l	# 57

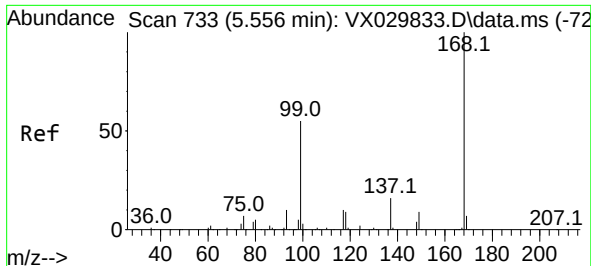
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
M-R-1

Quant Time: Jul 21 03:33:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

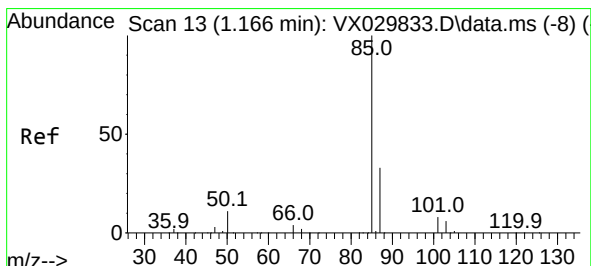
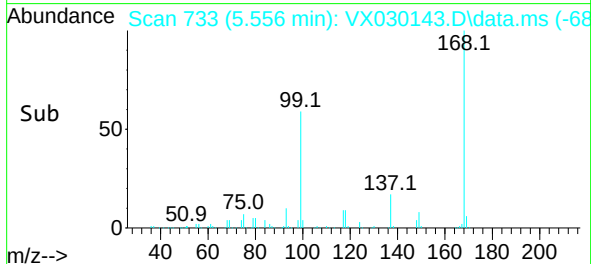
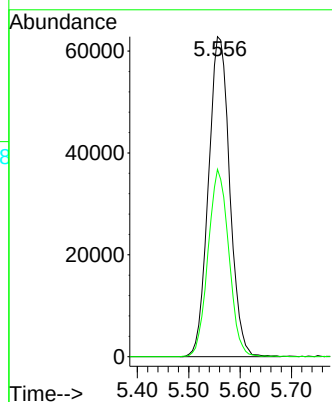
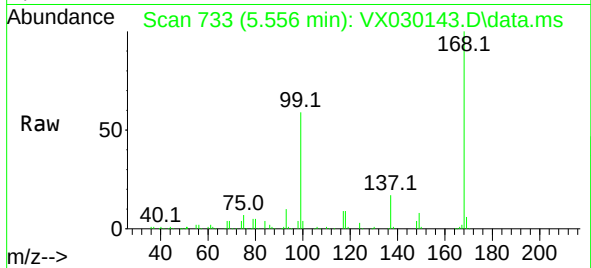




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

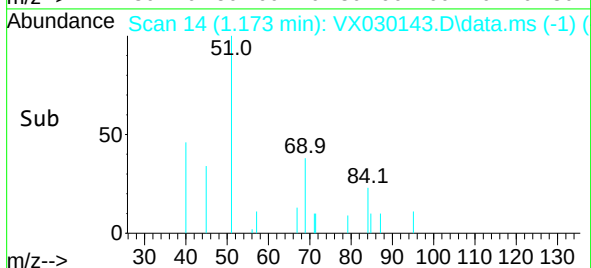
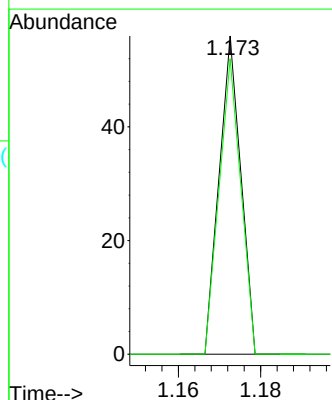
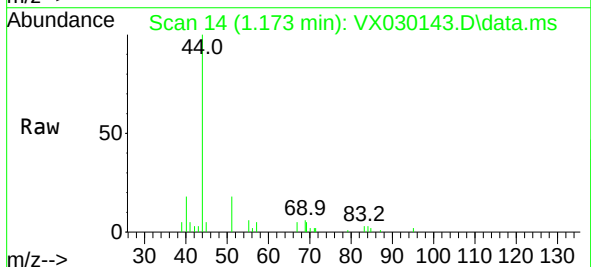
Instrument :
MSVOA_X
ClientSampleId :
M-R-1

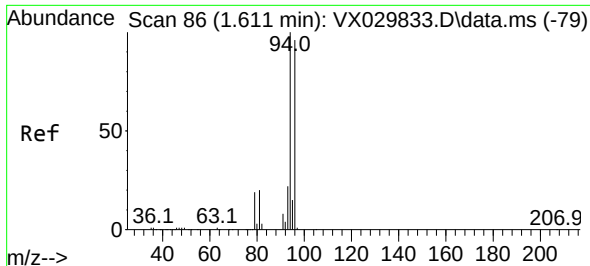
Tgt Ion:168 Resp: 180692
Ion Ratio Lower Upper
168 100
99 58.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 92.9 16.5 49.5#

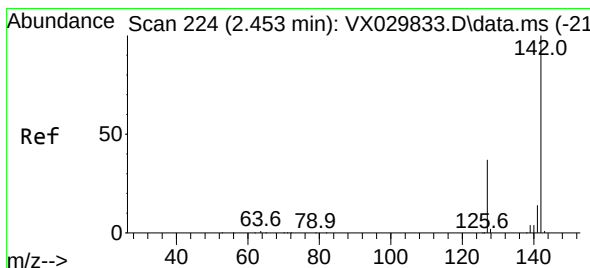
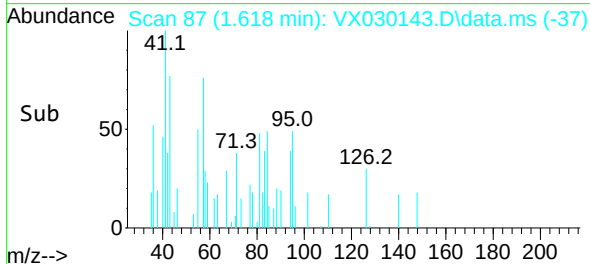
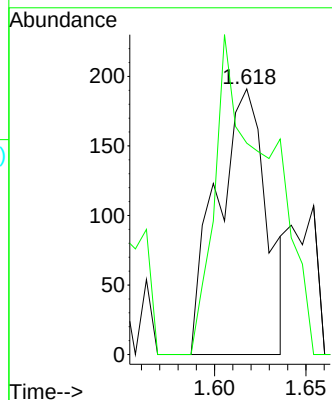
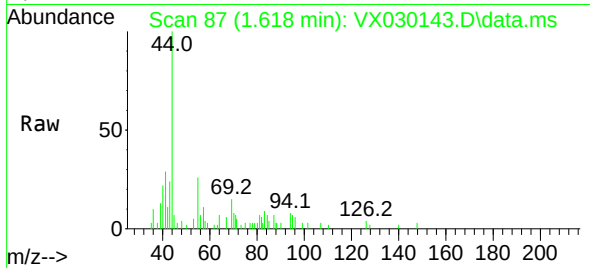




#5
Bromomethane
Concen: 0.411 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

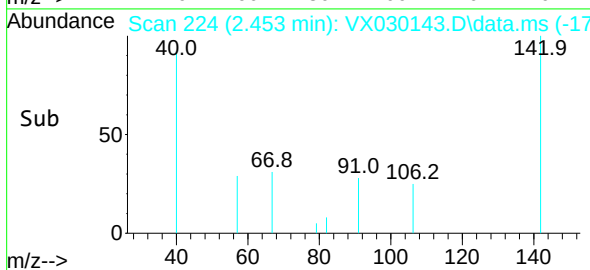
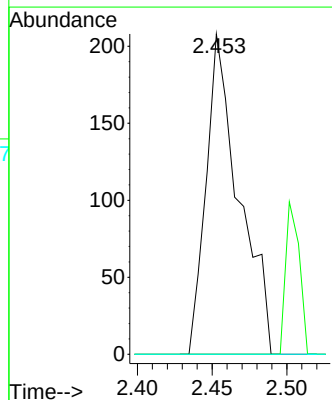
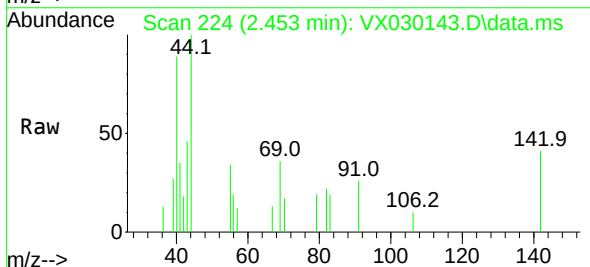
Instrument :
MSVOA_X
ClientSampleId :
M-R-1

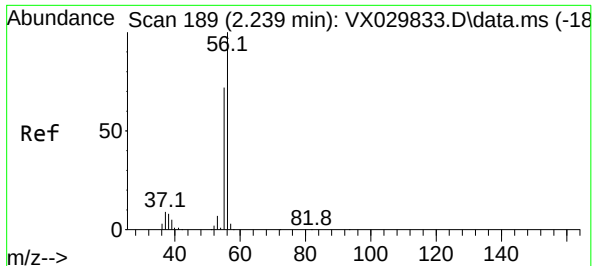
Tgt Ion: 94 Resp: 365
Ion Ratio Lower Upper
94 100
96 79.6 76.9 115.3



#10
Methyl Iodide
Concen: 2.576 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

Tgt Ion: 142 Resp: 319
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

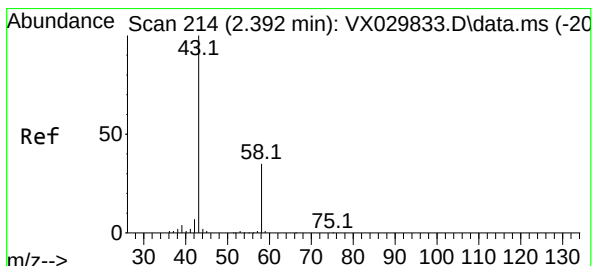
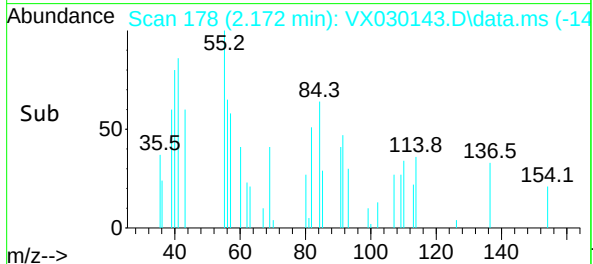
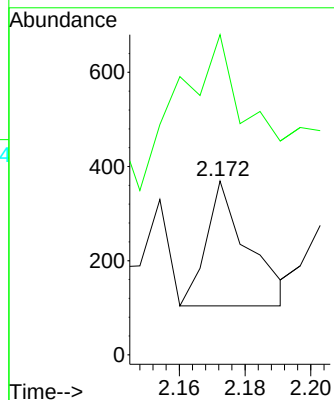
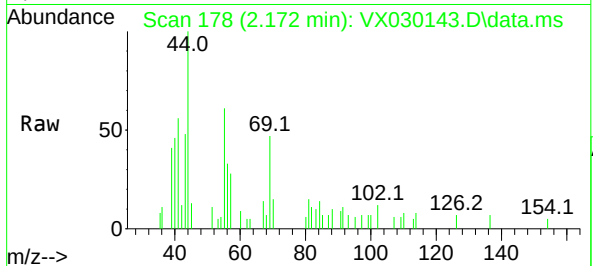




#13
Acrolein
Concen: 2.070 ug/l
RT: 2.172 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

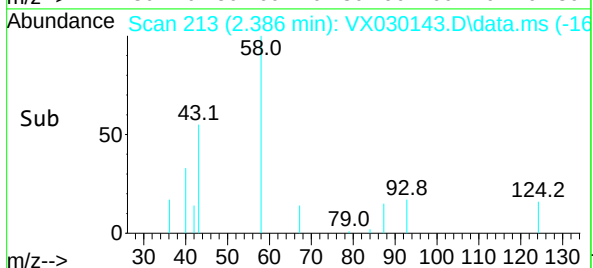
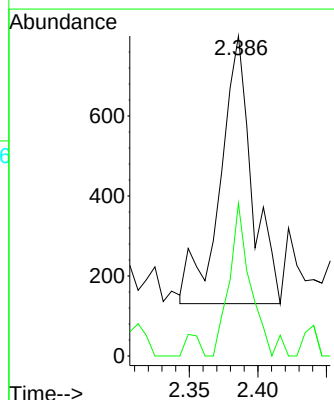
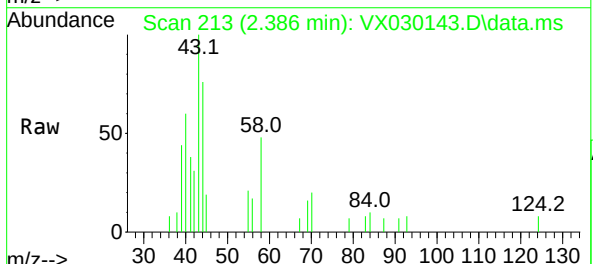
Instrument :
MSVOA_X
ClientSampleId :
M-R-1

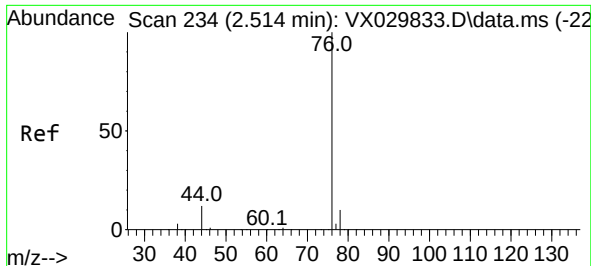
Tgt Ion: 56 Resp: 234
Ion Ratio Lower Upper
56 100
55 307.3 56.6 84.8#



#16
Acetone
Concen: 1.035 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
58 57.1 27.7 41.5#





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030143.D

Acq: 20 Jul 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

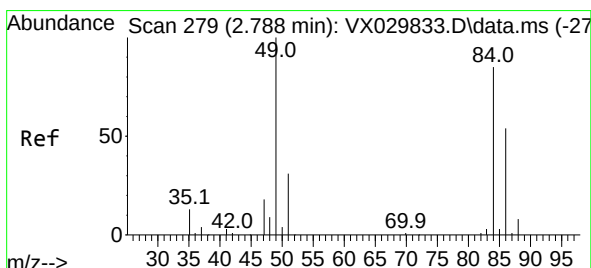
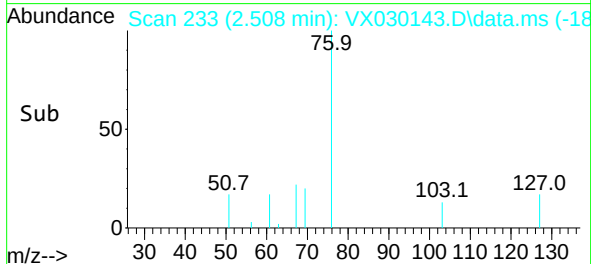
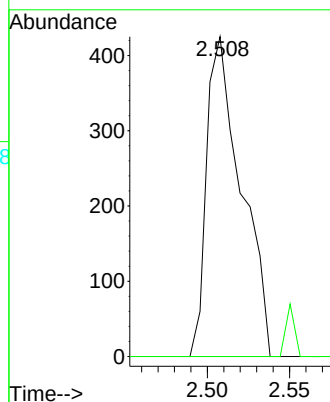
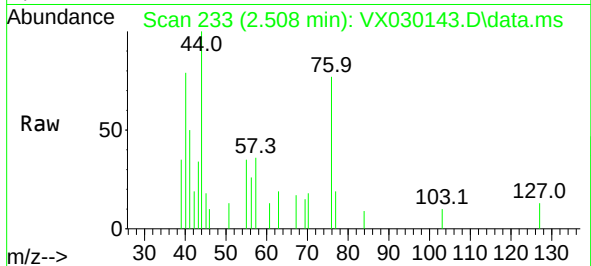
M-R-1

Tgt Ion: 76 Resp: 622

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: VX030143.D

Acq: 20 Jul 2022 19:32

Tgt Ion: 84 Resp: 994

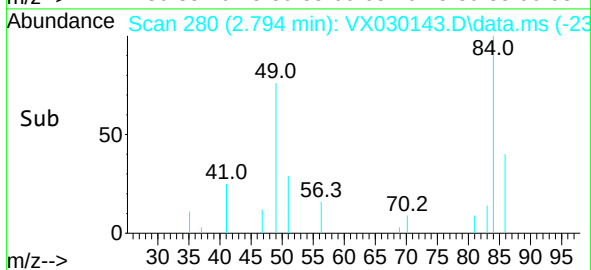
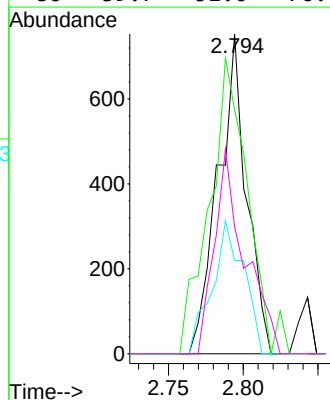
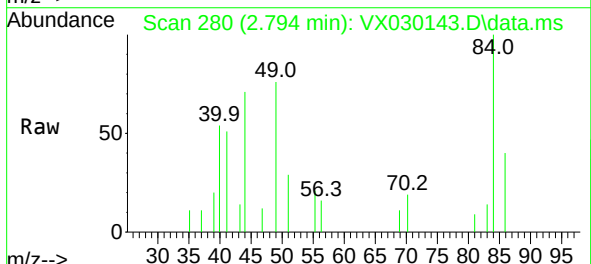
Ion Ratio Lower Upper

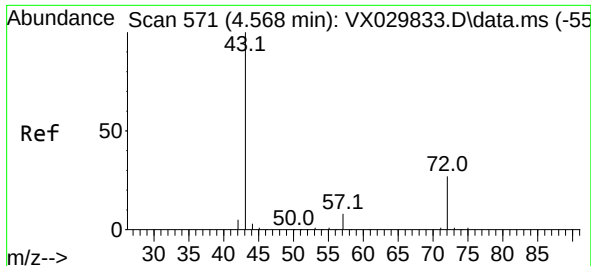
84 100

49 76.4 93.8 140.6#

51 29.2 29.4 44.0#

86 39.7 51.0 76.4#

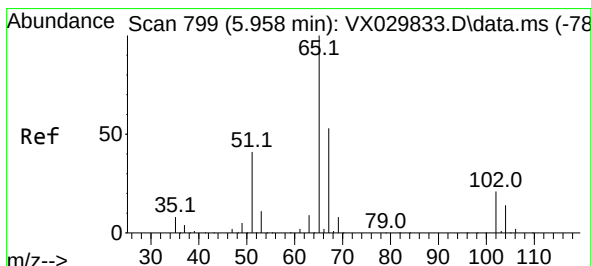
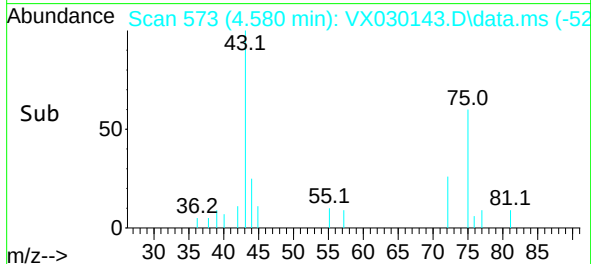
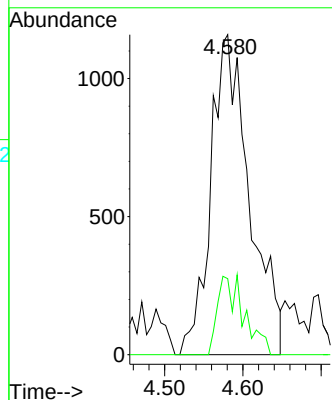
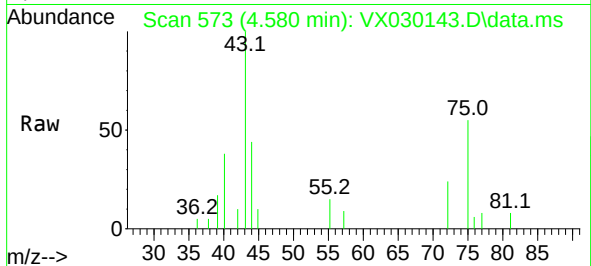




#25
2-Butanone
Concen: 2.258 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

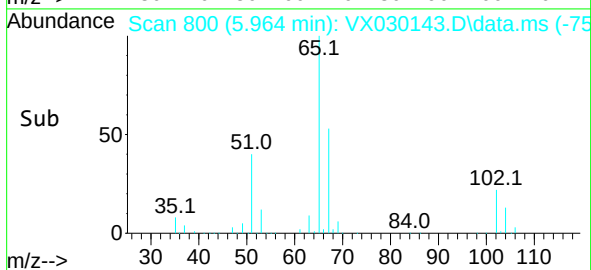
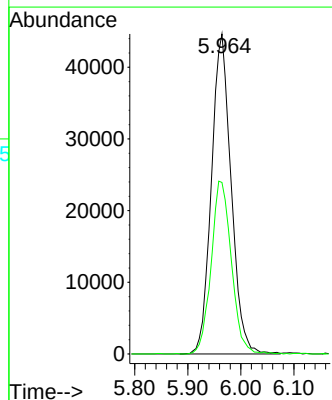
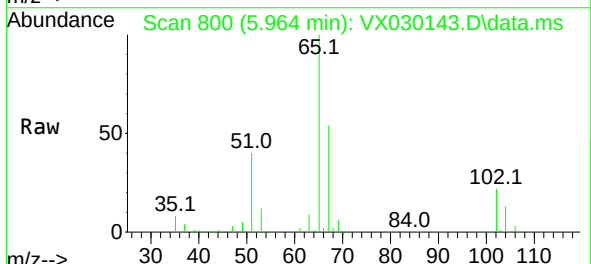
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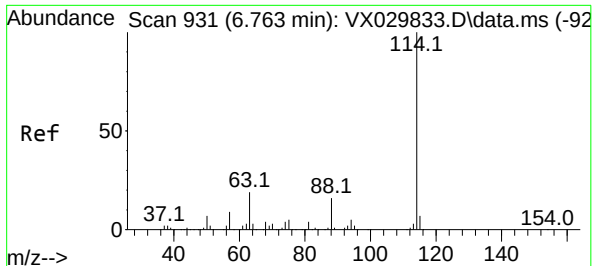
Tgt Ion: 43 Resp: 3986
Ion Ratio Lower Upper
43 100
72 23.7 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 52.414 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

Tgt Ion: 65 Resp: 115277
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

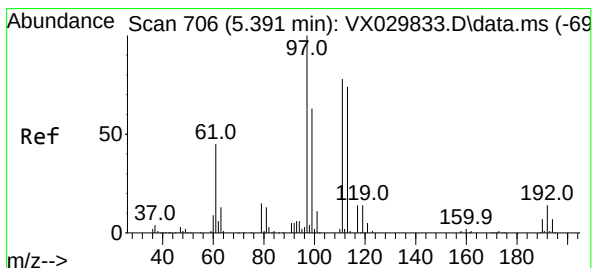
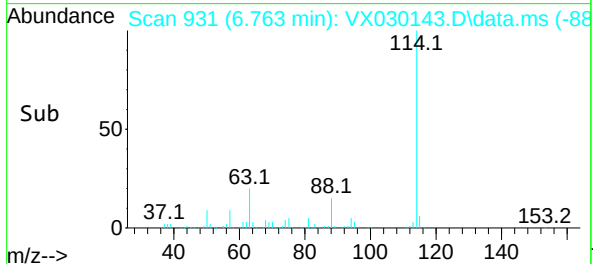
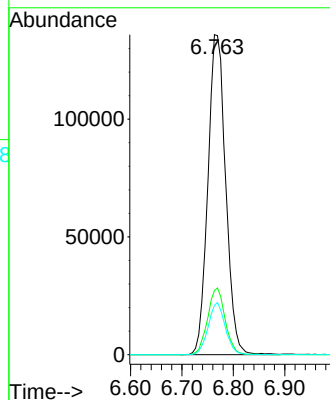
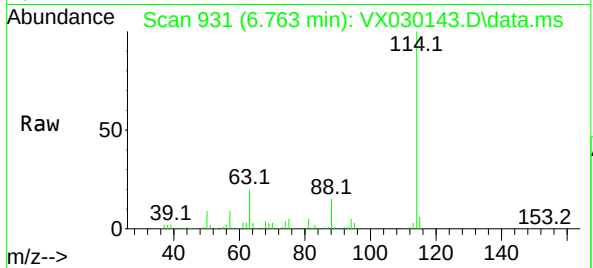




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

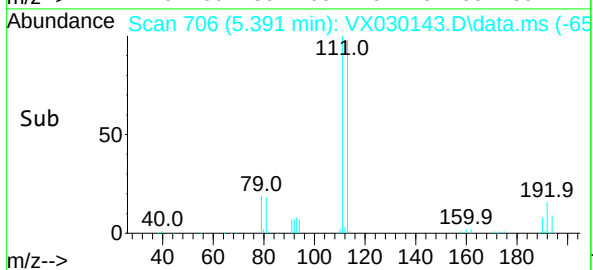
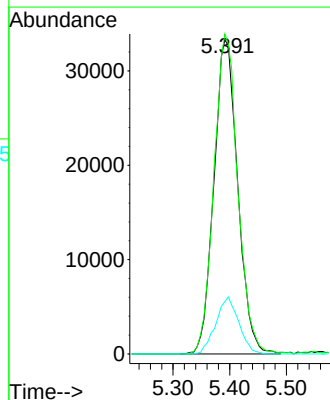
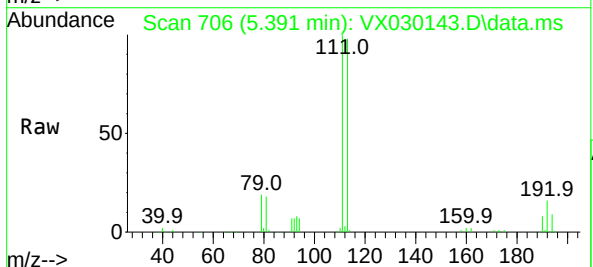
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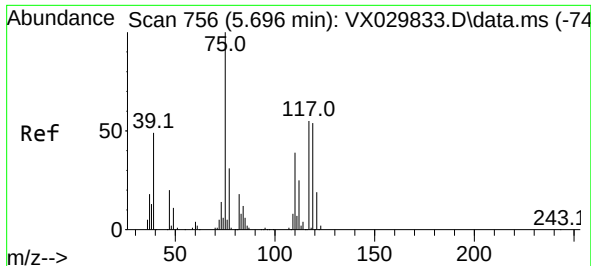
Tgt Ion:114 Resp: 327383
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.4
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.445 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

Tgt Ion:113 Resp: 97137
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 17.4 14.8 22.2

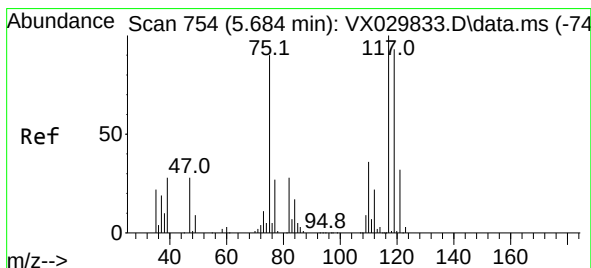
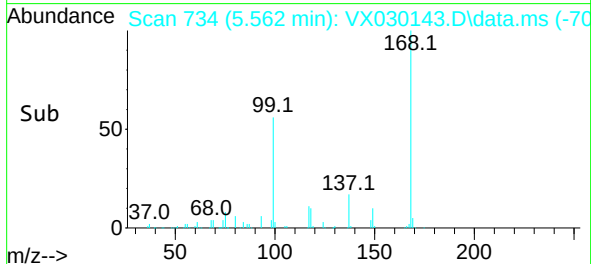
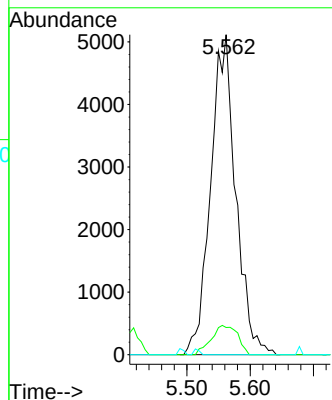
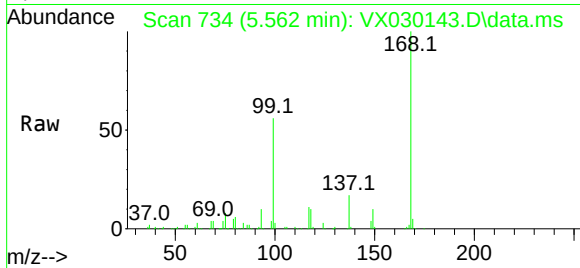




#36
1,1-Dichloropropene
Concen: 5.212 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

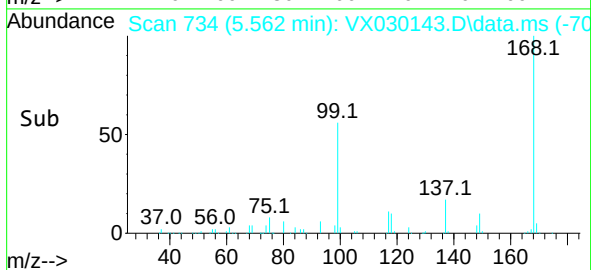
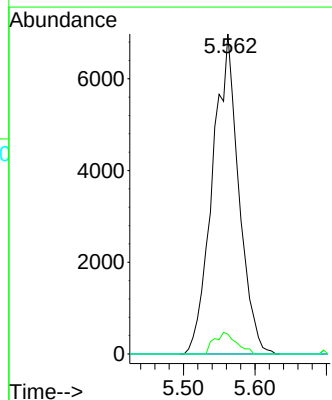
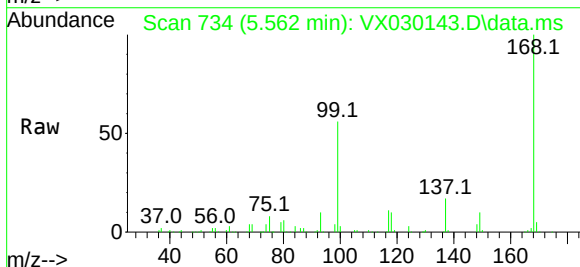
Instrument :
MSVOA_X
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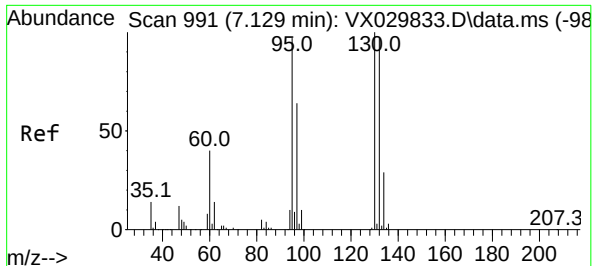
Tgt Ion: 75 Resp: 14081
Ion Ratio Lower Upper
75 100
110 9.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.064 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

Tgt Ion: 117 Resp: 17796
Ion Ratio Lower Upper
117 100
119 6.2 74.1 111.1#
121 0.0 25.8 38.8#

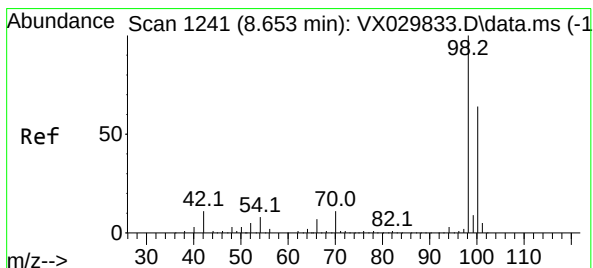
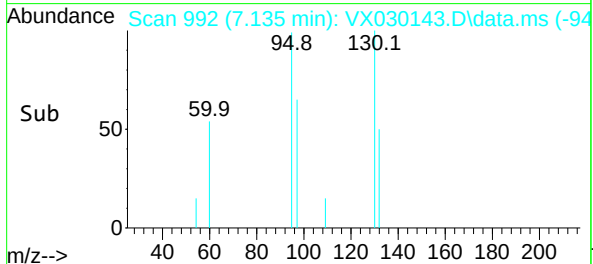
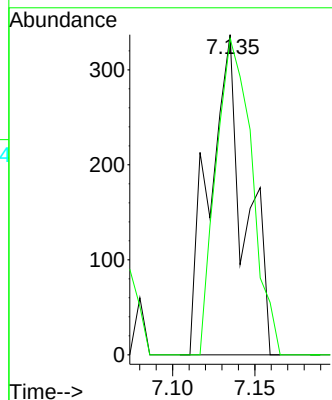
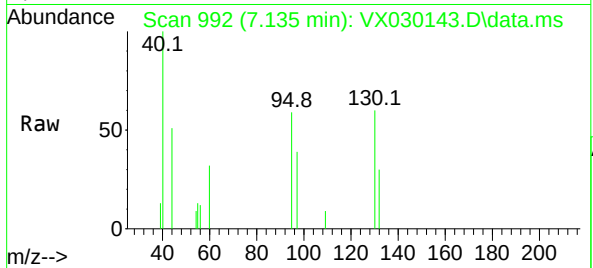




#44
Trichloroethene
Concen: 0.202 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

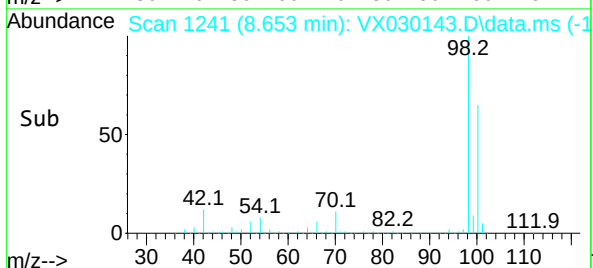
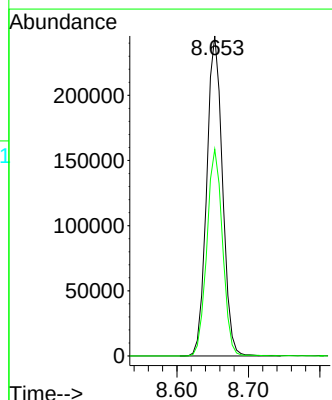
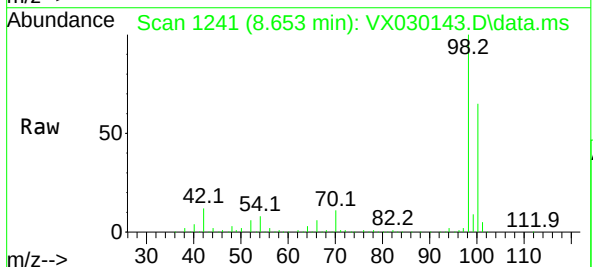
Instrument :
MSVOA_X
ClientSampleId :
M-R-1

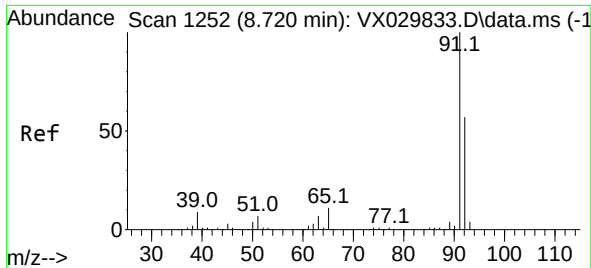
Tgt Ion:130 Resp: 503
Ion Ratio Lower Upper
130 100
95 98.8 0.0 194.8



#50
Toluene-d8
Concen: 47.824 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

Tgt Ion: 98 Resp: 376173
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

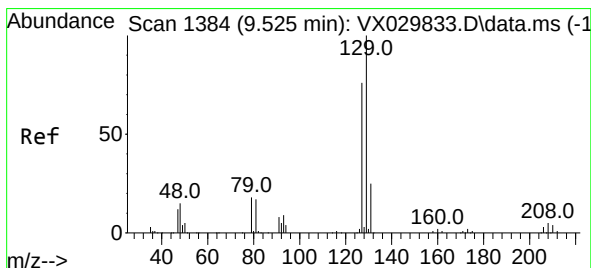
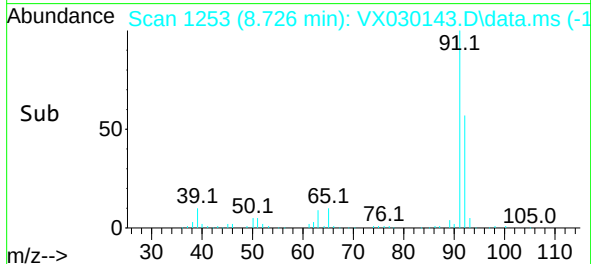
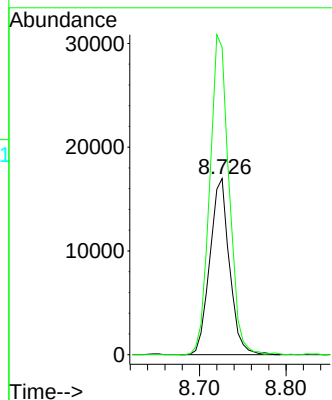
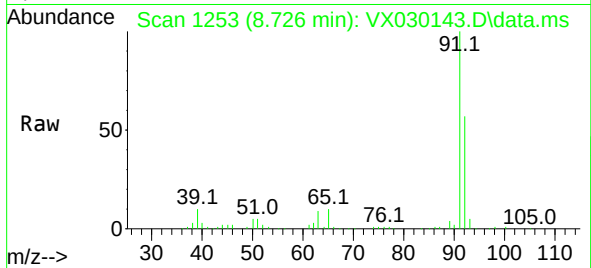




#52
Toluene
Concen: 4.938 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

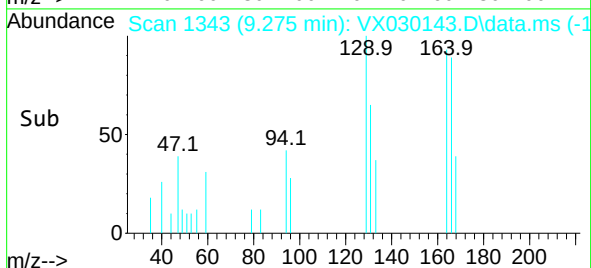
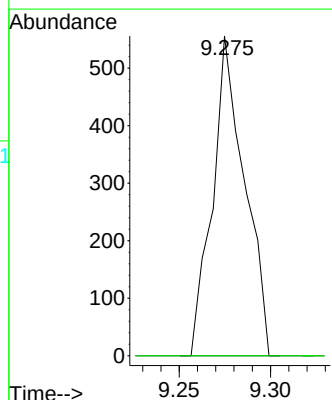
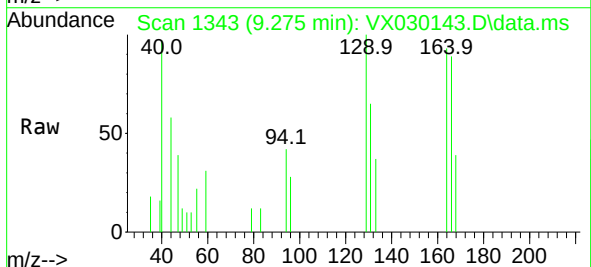
Instrument :
MSVOA_X
ClientSampleId :
M-R-1

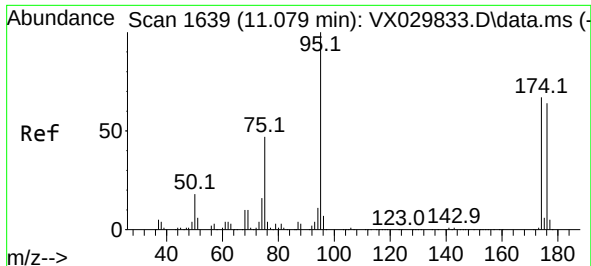
Tgt Ion: 92 Resp: 26660
Ion Ratio Lower Upper
92 100
91 178.6 139.2 208.8



#60
Dibromochloromethane
Concen: 0.313 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

Tgt Ion: 129 Resp: 678
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 45.378 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030143.D

Acq: 20 Jul 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

M-R-1

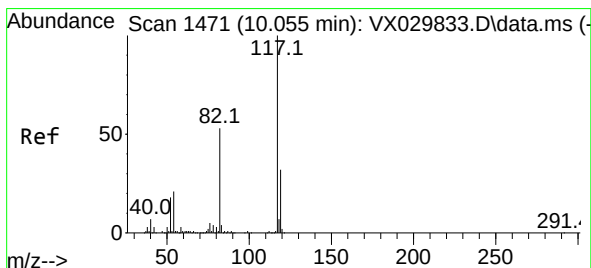
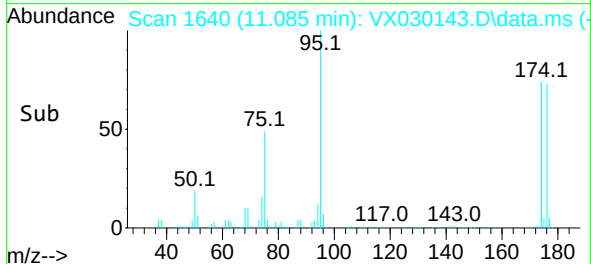
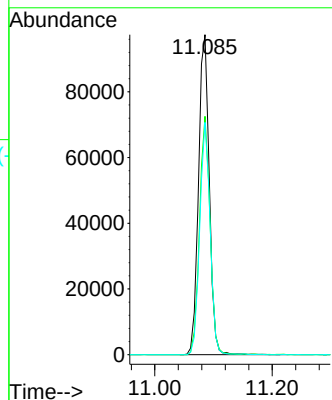
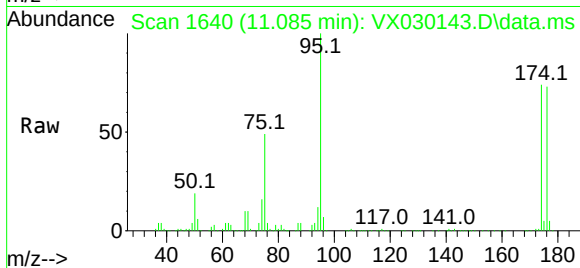
Tgt Ion: 95 Resp: 123868

Ion Ratio Lower Upper

95 100

174 73.1 0.0 149.0

176 69.7 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: VX030143.D

Acq: 20 Jul 2022 19:32

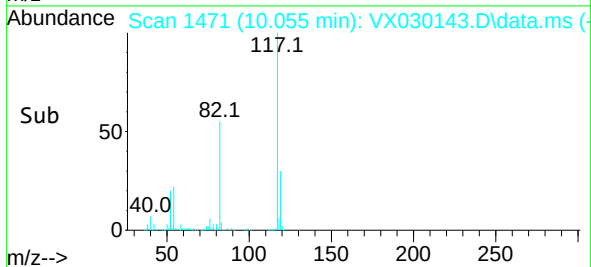
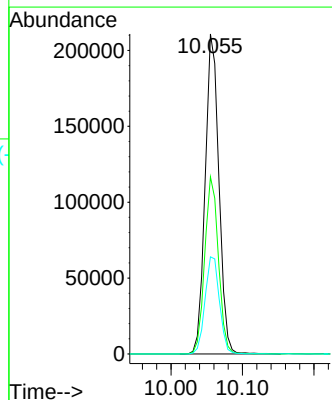
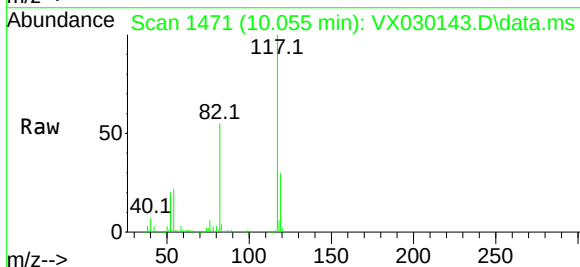
Tgt Ion: 117 Resp: 282058

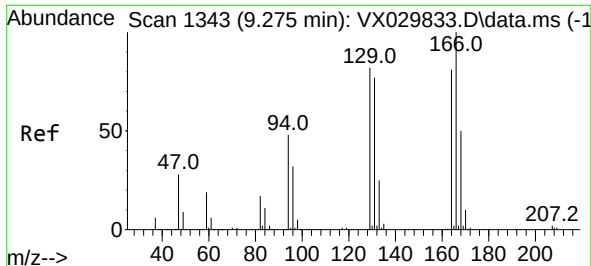
Ion Ratio Lower Upper

117 100

82 55.3 42.7 64.1

119 30.3 25.4 38.2

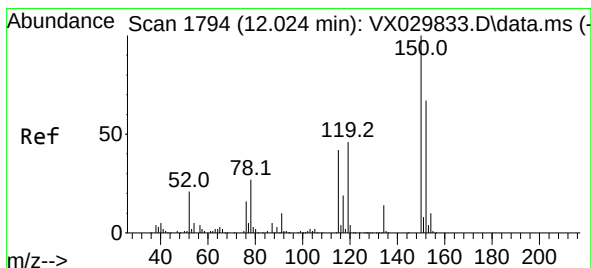
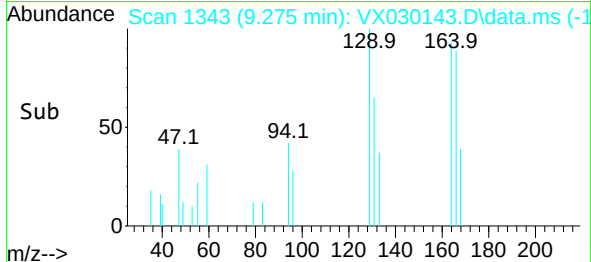
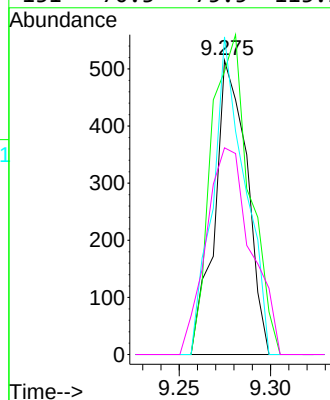
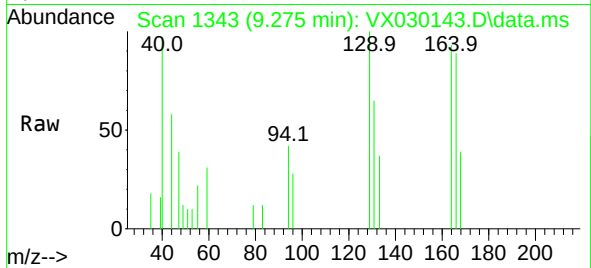




#64
Tetrachloroethene
Concen: 0.278 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

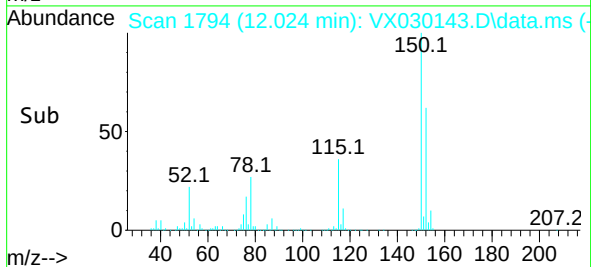
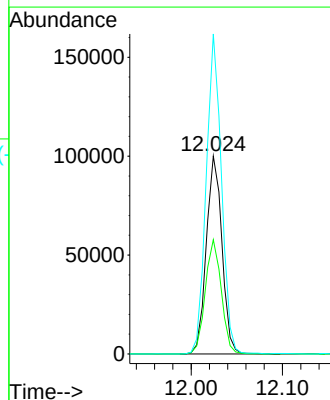
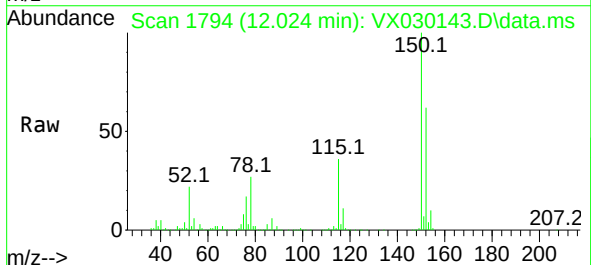
Instrument :
MSVOA_X
ClientSampleId :
M-R-1

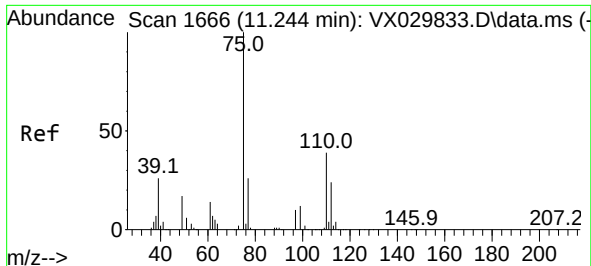
Tgt Ion:164 Resp: 630
Ion Ratio Lower Upper
164 100
166 96.3 98.2 147.4#
129 108.0 80.8 121.2
131 70.3 75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

Tgt Ion:152 Resp: 119026
Ion Ratio Lower Upper
152 100
115 59.0 40.5 121.5
150 157.5 0.0 347.0

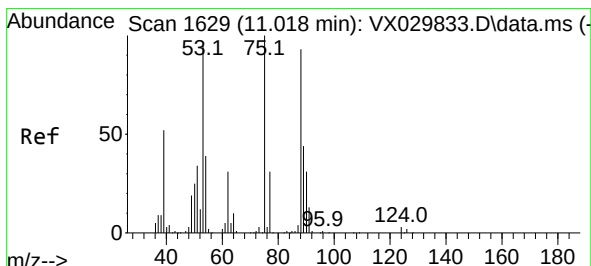
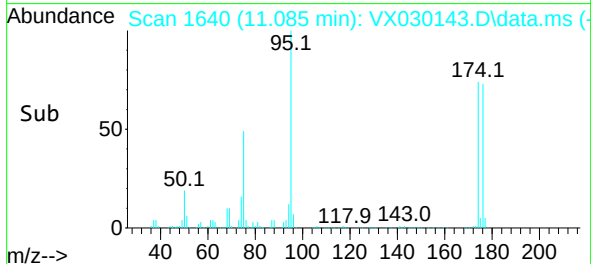
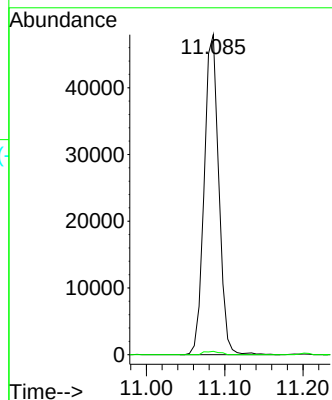
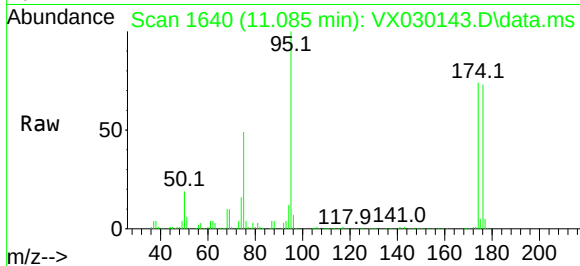




#76
1,2,3-Trichloropropane
Concen: 22.645 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

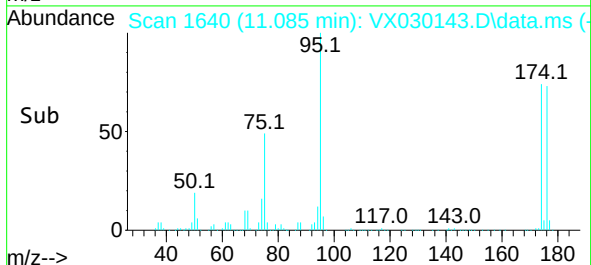
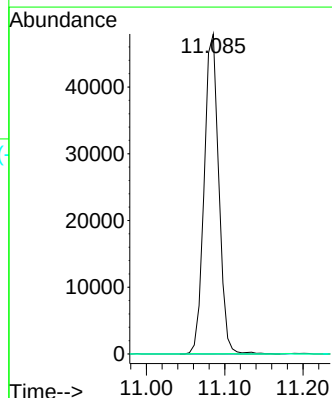
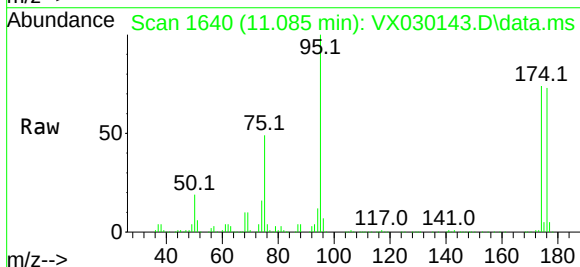
Instrument :
MSVOA_X
ClientSampleId :
M-R-1

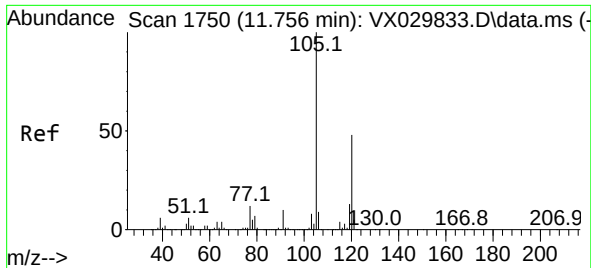
Tgt Ion: 75 Resp: 61973
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.354 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

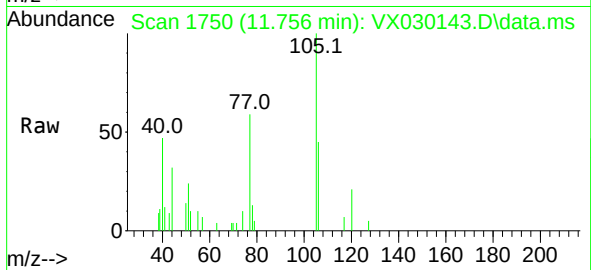
Tgt Ion: 75 Resp: 61973
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.293 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030143.D
 Acq: 20 Jul 2022 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 M-R-1



Tgt Ion:105 Resp: 2027
 Ion Ratio Lower Upper
 105 100
 120 17.4 22.9 68.8#

