

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030144.D
 Acq On : 20 Jul 2022 19:55
 Operator : JC/MD
 Sample : N3775-03 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-R-2

Quant Time: Jul 21 03:33:39 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	5.562	168	181923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	324247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	115245	52.045	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.080%
35) Dibromofluoromethane	5.391	113	97703	47.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	8.653	98	379004	48.650	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.300%
62) 4-Bromofluorobenzene	11.085	95	126208	46.683	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.360%

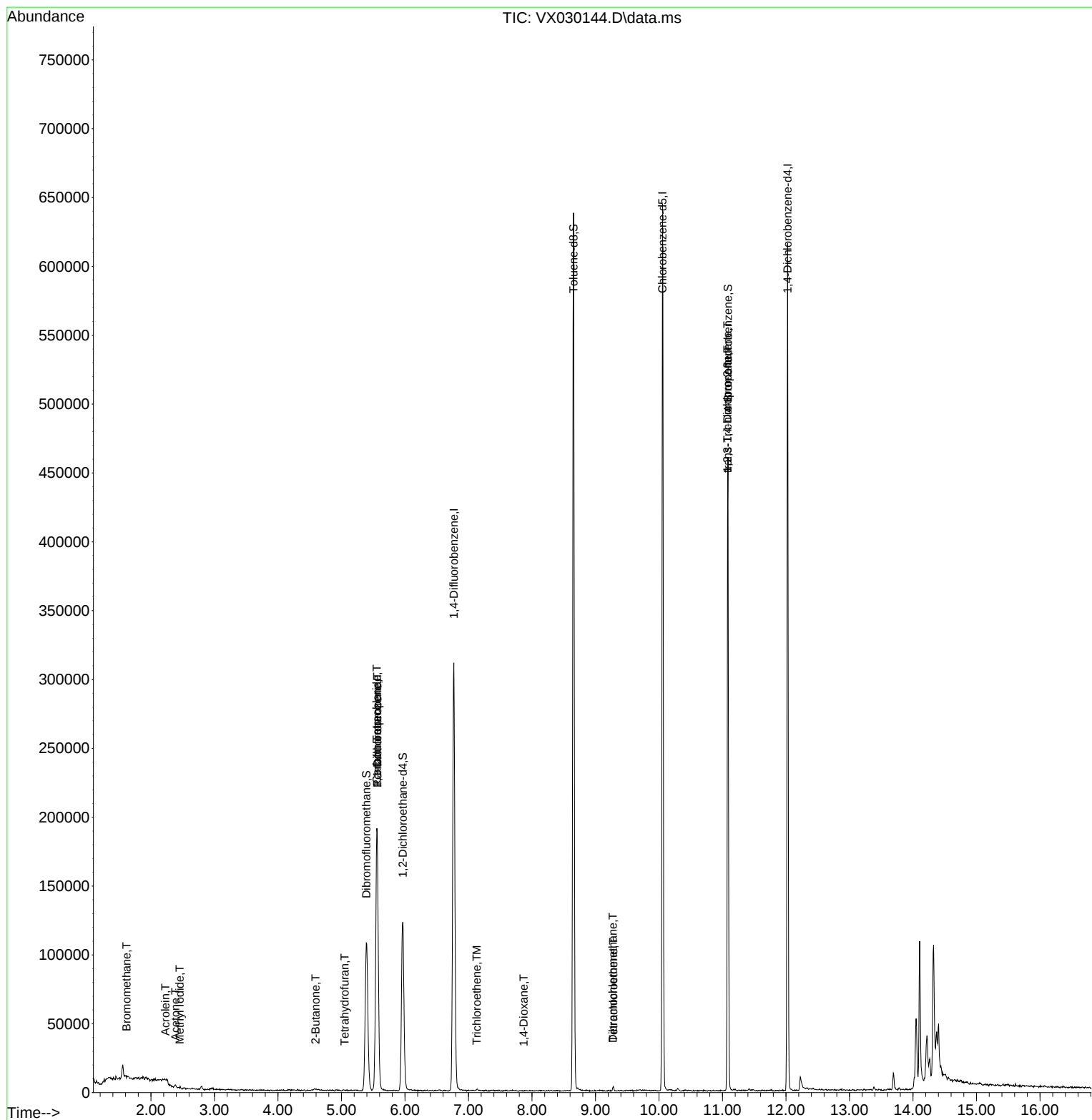
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.246	85	60	Below Cal	#	42
5) Bromomethane	1.618	94	450	0.503	ug/l #	77
10) Methyl Iodide	2.453	142	213	2.519	ug/l #	55
13) Acrolein	2.227	56	338	2.970	ug/l #	1
16) Acetone	2.386	43	1806	1.731	ug/l	88
17) Carbon Disulfide	2.502	76	512	Below Cal	#	74
20) Methylene Chloride	2.800	84	1002	Below Cal	#	63
25) 2-Butanone	4.593	43	661	0.372	ug/l #	48
29) Tetrahydrofuran	5.050	42	409	0.339	ug/l #	55
36) 1,1-Dichloropropene	5.562	75	14668	5.482	ug/l #	48
38) Carbon Tetrachloride	5.556	117	17313	6.939	ug/l #	18
44) Trichloroethene	7.129	130	500	0.203	ug/l	88
49) 1,4-Dioxane	7.867	88	29	0.468	ug/l #	1
60) Dibromochloromethane	9.275	129	449	0.209	ug/l #	11
64) Tetrachloroethene	9.281	164	515	0.224	ug/l #	73
76) 1,2,3-Trichloropropane	11.079	75	61498	21.807	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61498	62.935	ug/l #	12

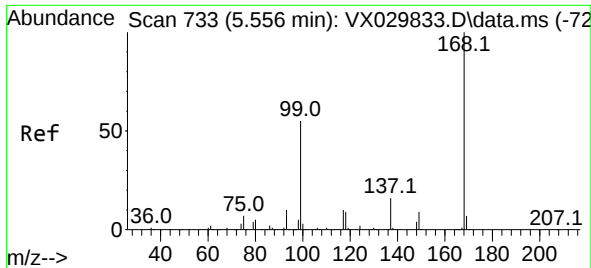
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
Data File : VX030144.D
Acq On : 20 Jul 2022 19:55
Operator : JC/MD
Sample : N3775-03 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
M-R-2

Quant Time: Jul 21 03:33:39 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

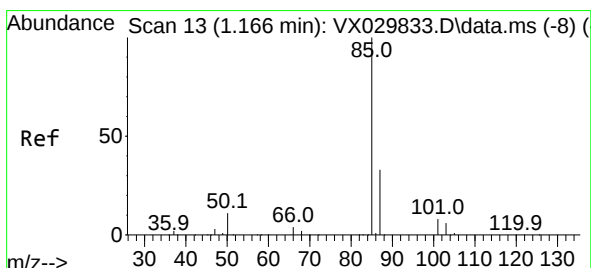
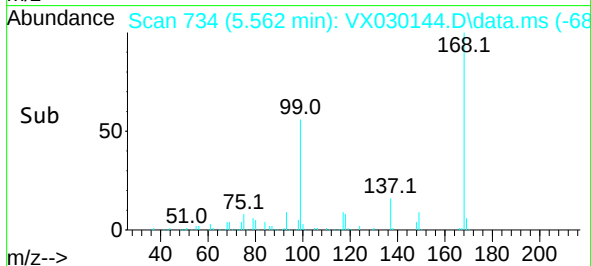
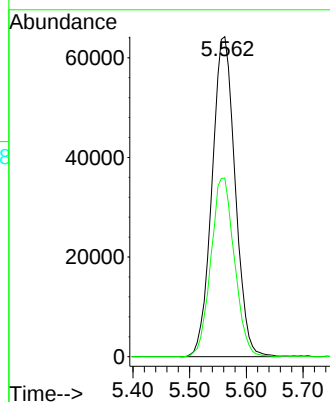
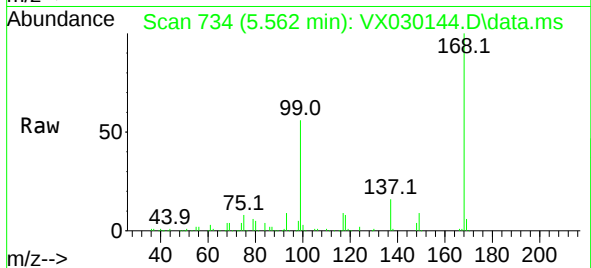




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

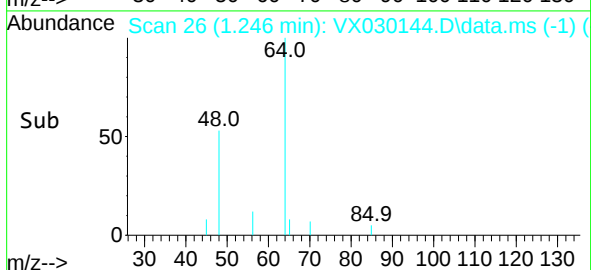
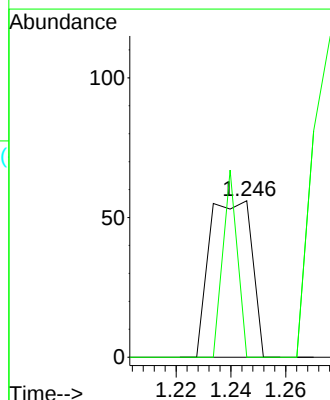
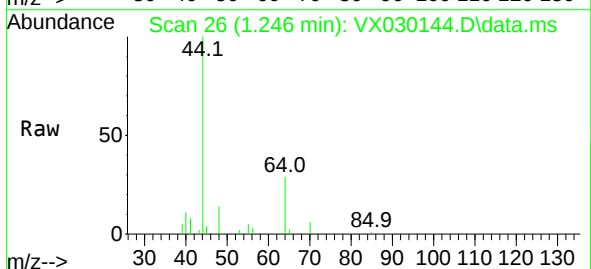
Instrument :
MSVOA_X
ClientSampleId :
M-R-2

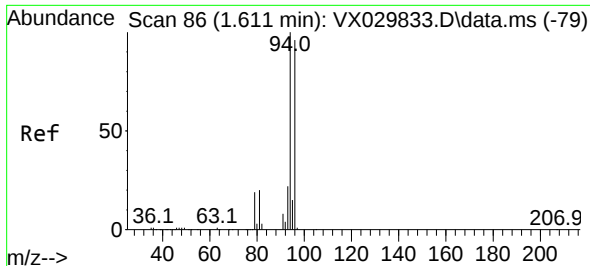
Tgt Ion:168 Resp: 181923
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.246 min Scan# 26
Delta R.T. 0.080 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

Tgt Ion: 85 Resp: 60
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

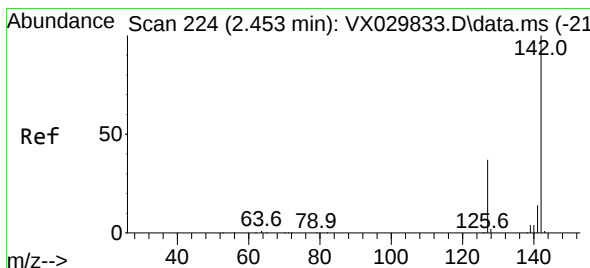
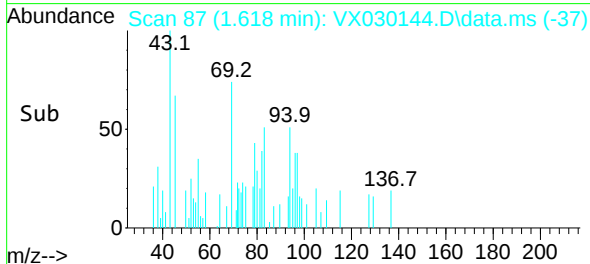
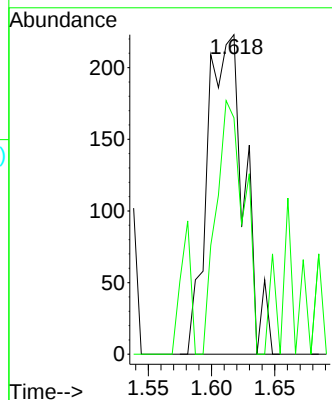
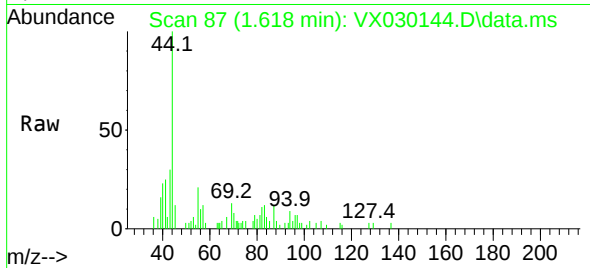




#5
Bromomethane
Concen: 0.503 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

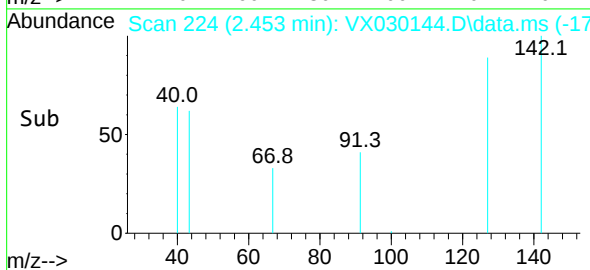
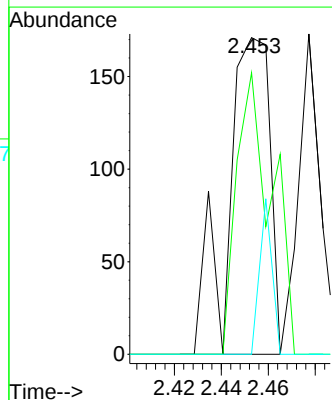
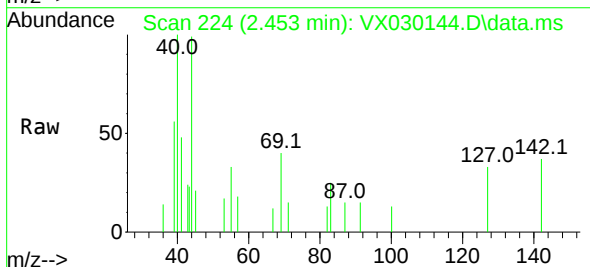
Instrument :
MSVOA_X
ClientSampleId :
M-R-2

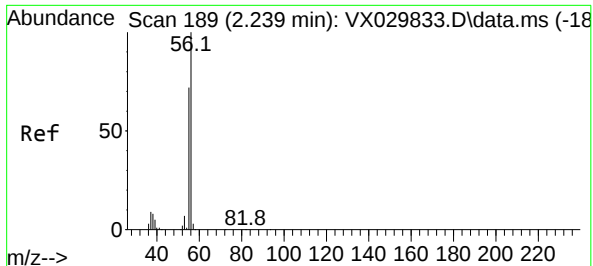
Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 74.0 76.9 115.3#



#10
Methyl Iodide
Concen: 2.519 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

Tgt Ion: 142 Resp: 213
Ion Ratio Lower Upper
142 100
127 74.6 30.2 45.2#
141 14.6 11.3 16.9

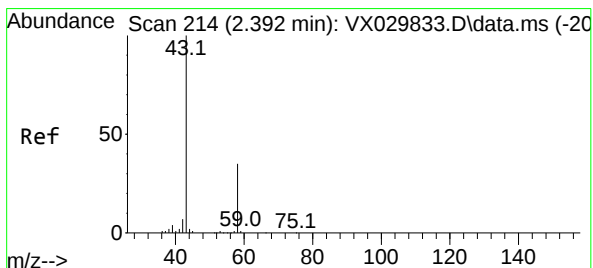
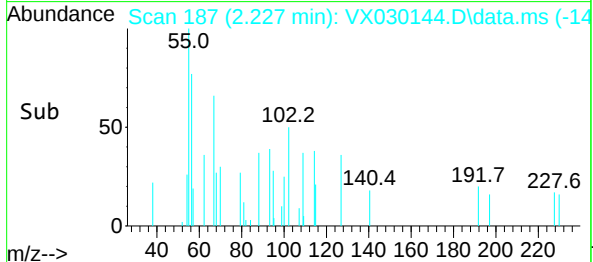
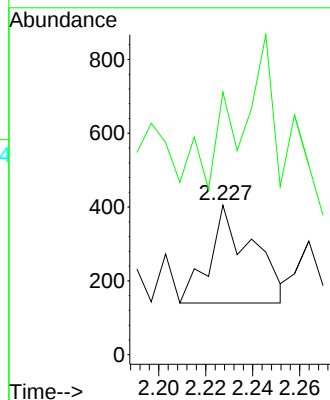
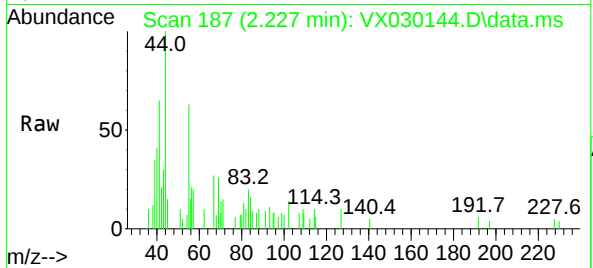




#13
Acrolein
Concen: 2.970 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

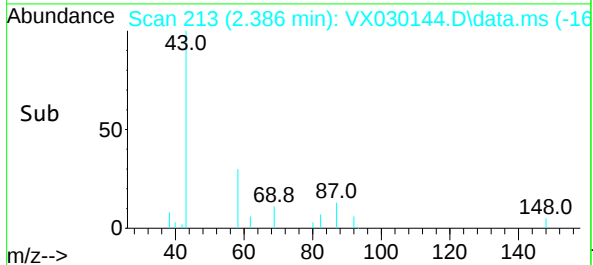
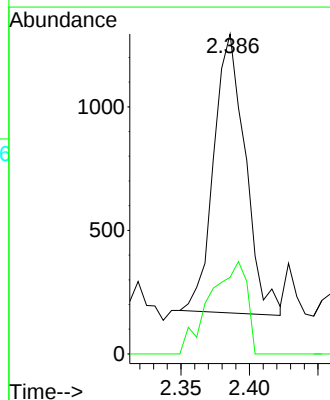
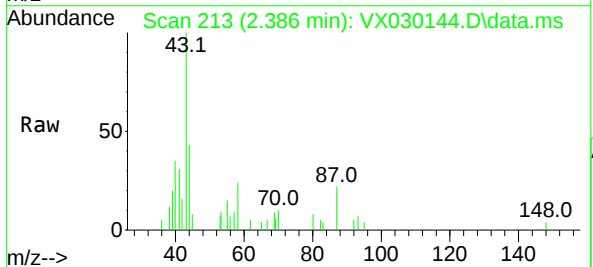
Instrument :
MSVOA_X
ClientSampleId :
M-R-2

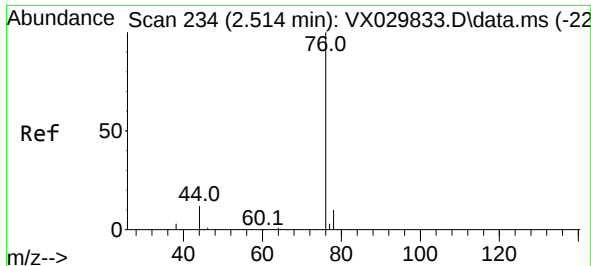
Tgt Ion: 56 Resp: 338
Ion Ratio Lower Upper
56 100
55 267.8 56.6 84.8#



#16
Acetone
Concen: 1.731 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

Tgt Ion: 43 Resp: 1806
Ion Ratio Lower Upper
43 100
58 27.7 27.7 41.5

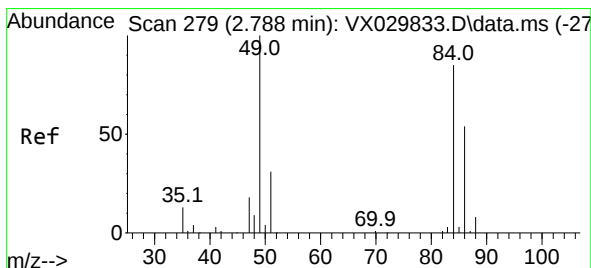
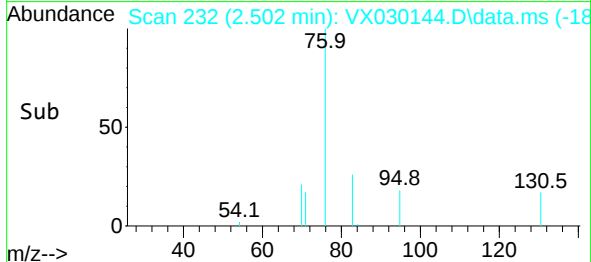
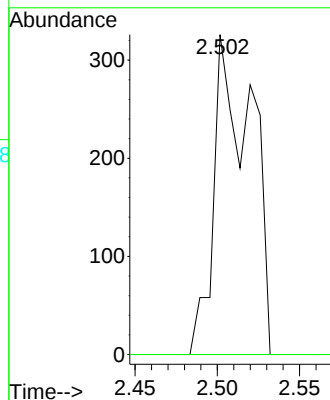
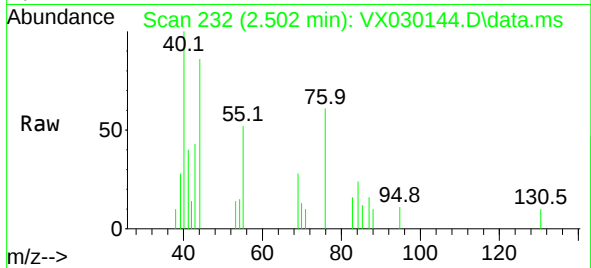




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.502 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

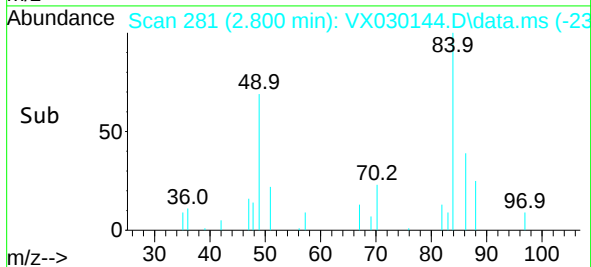
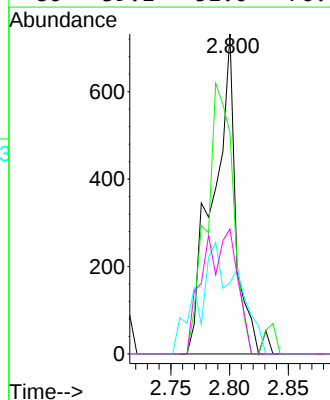
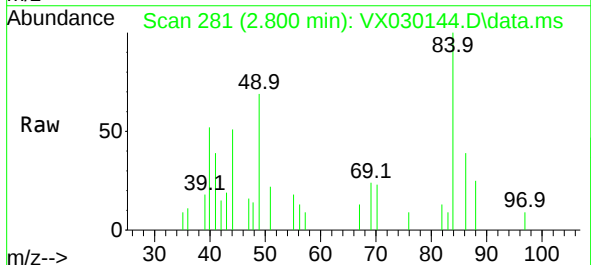
Instrument :
MSVOA_X
ClientSampleId :
M-R-2

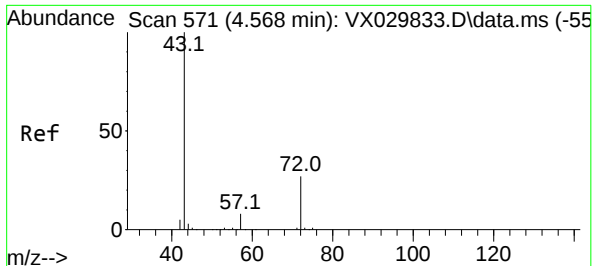
Tgt Ion: 76 Resp: 512
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

Tgt Ion: 84 Resp: 1002
Ion Ratio Lower Upper
84 100
49 69.3 93.8 140.6#
51 22.3 29.4 44.0#
86 39.1 51.0 76.4#





#25

2-Butanone

Concen: 0.372 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX030144.D

Acq: 20 Jul 2022 19:55

Instrument :

MSVOA_X

ClientSampleId :

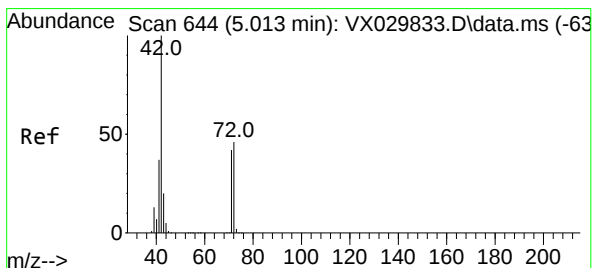
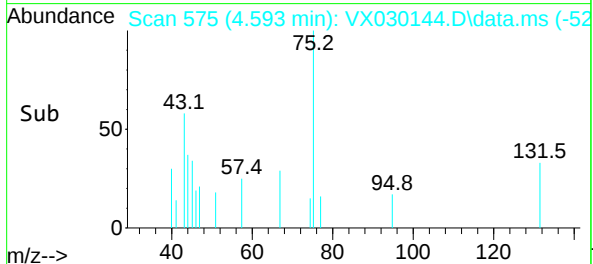
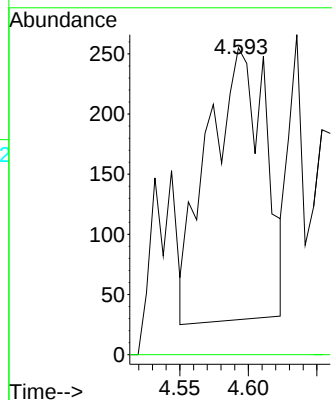
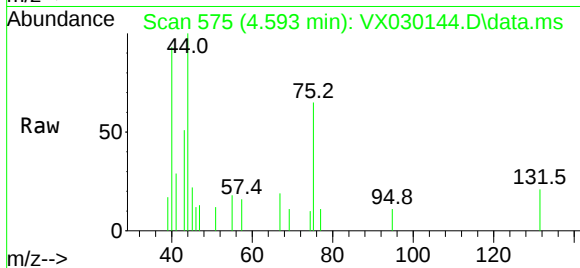
M-R-2

Tgt Ion: 43 Resp: 661

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.339 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.037 min

Lab File: VX030144.D

Acq: 20 Jul 2022 19:55

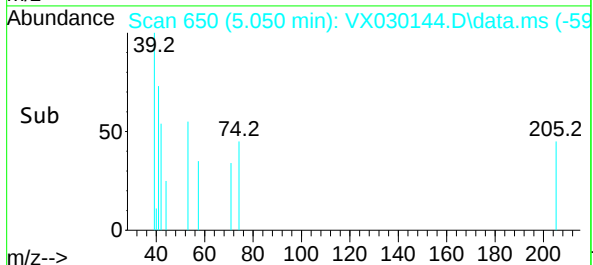
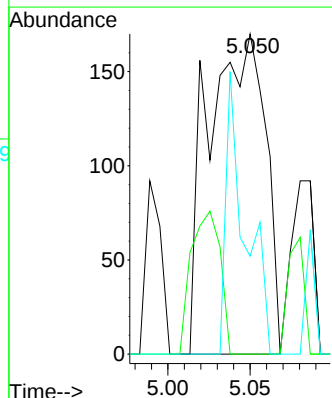
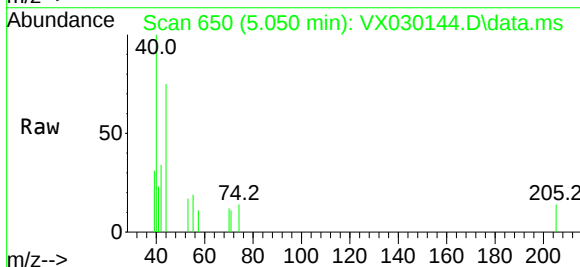
Tgt Ion: 42 Resp: 409

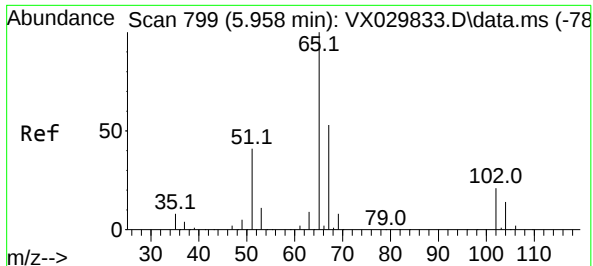
Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

71 29.8 33.9 50.9#





#33

1,2-Dichloroethane-d4

Concen: 52.045 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030144.D

Acq: 20 Jul 2022 19:55

Instrument :

MSVOA_X

ClientSampleId :

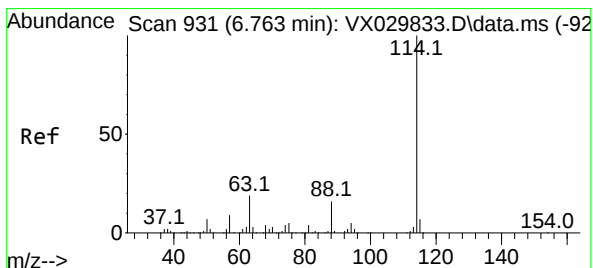
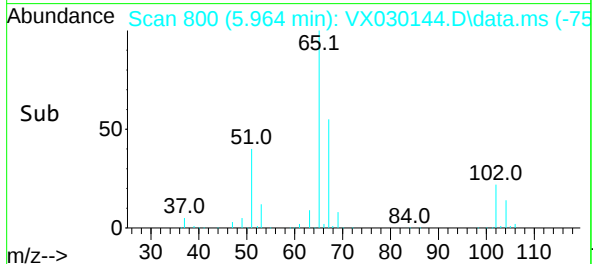
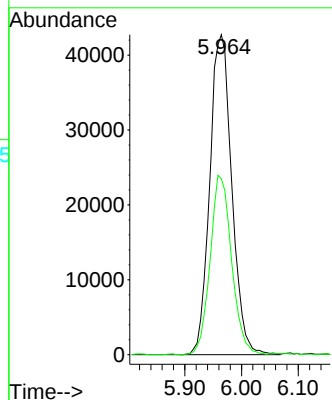
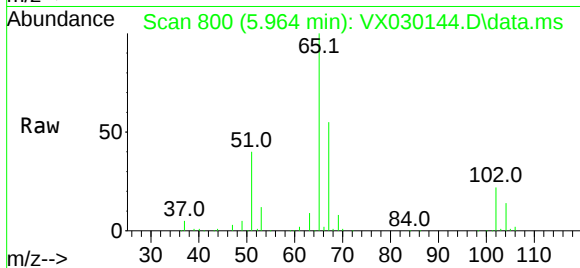
M-R-2

Tgt Ion: 65 Resp: 115245

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030144.D

Acq: 20 Jul 2022 19:55

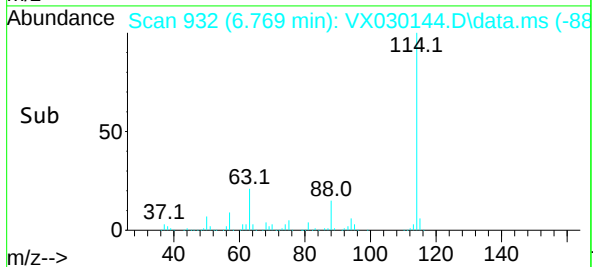
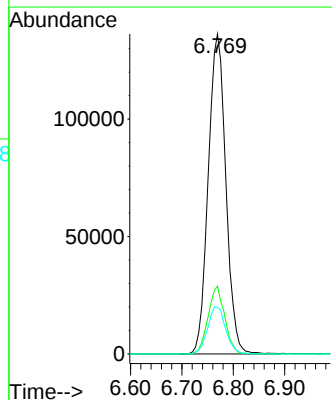
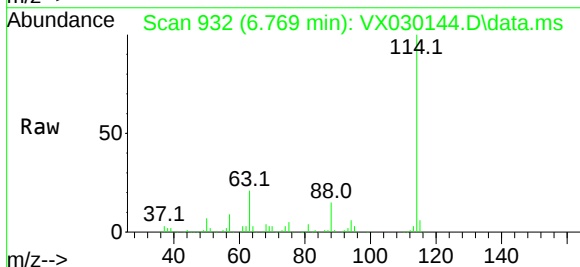
Tgt Ion: 114 Resp: 324247

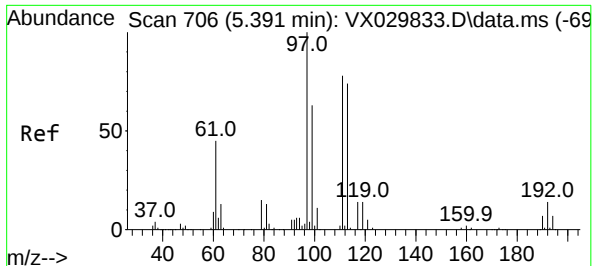
Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.4

88 14.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.167 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030144.D

Acq: 20 Jul 2022 19:55

Instrument :

MSVOA_X

ClientSampleId :

M-R-2

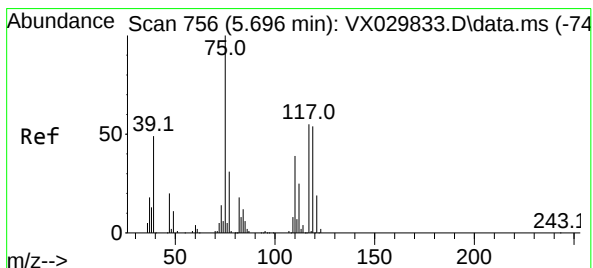
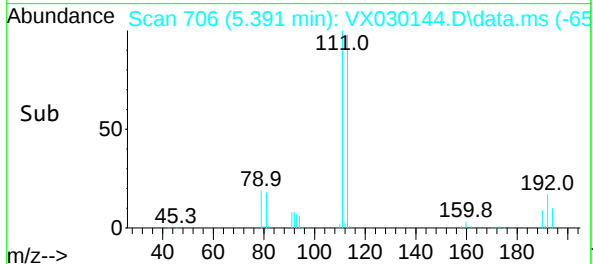
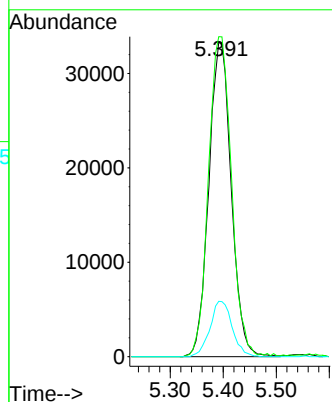
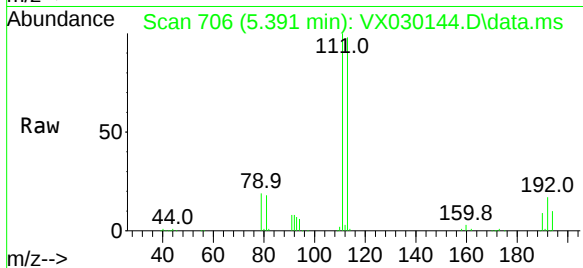
Tgt Ion:113 Resp: 97703

Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

192 17.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.482 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030144.D

Acq: 20 Jul 2022 19:55

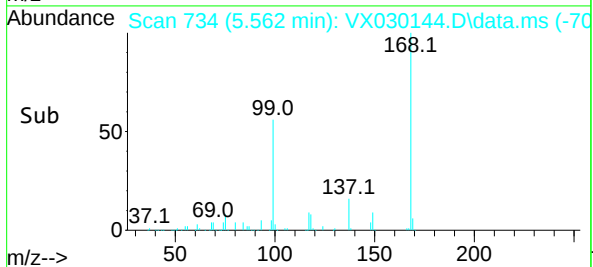
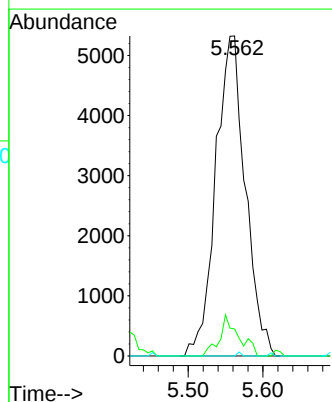
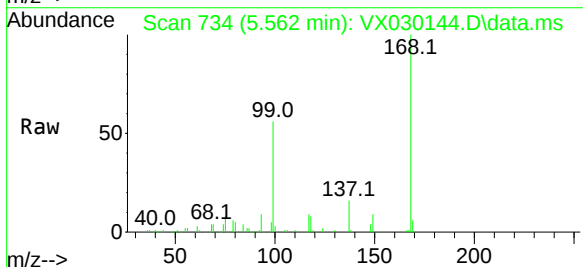
Tgt Ion: 75 Resp: 14668

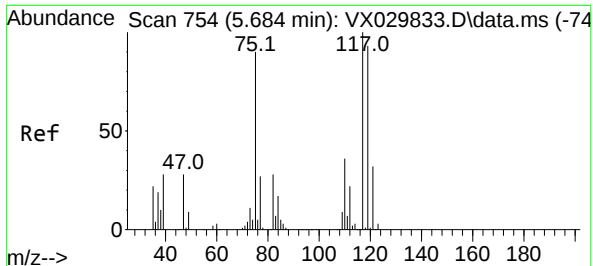
Ion Ratio Lower Upper

75 100

110 8.3 19.3 57.9#

77 0.2 24.4 36.6#

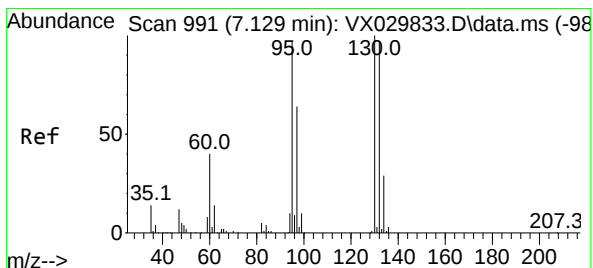
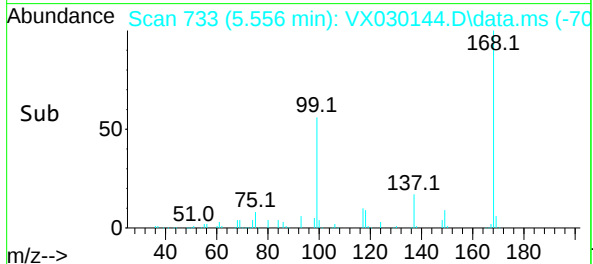
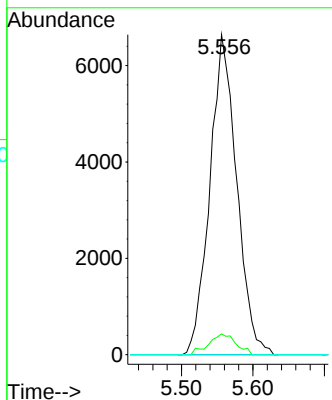
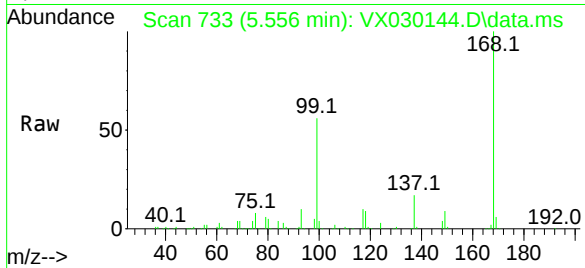




#38
Carbon Tetrachloride
Concen: 6.939 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

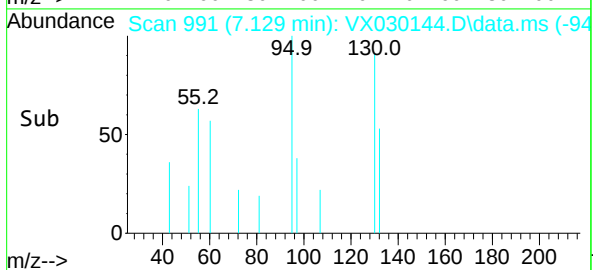
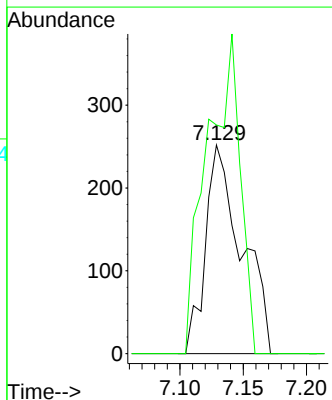
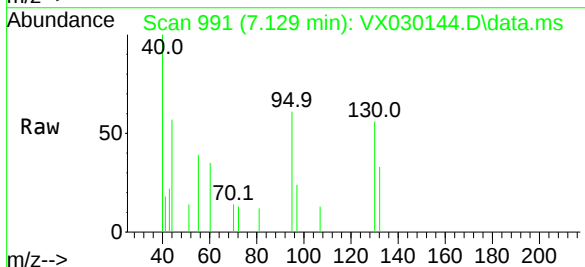
Instrument :
MSVOA_X
ClientSampleId :
M-R-2

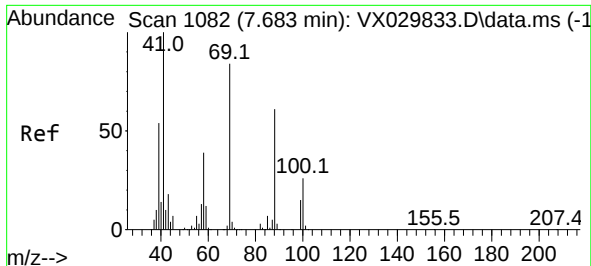
Tgt Ion:117 Resp: 17313
Ion Ratio Lower Upper
117 100
119 6.5 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.203 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

Tgt Ion:130 Resp: 500
Ion Ratio Lower Upper
130 100
95 109.5 0.0 194.8





#49

1,4-Dioxane

Concen: 0.468 ug/l

RT: 7.867 min Scan# 1112

Delta R.T. 0.184 min

Lab File: VX030144.D

Acq: 20 Jul 2022 19:55

Instrument :

MSVOA_X

ClientSampleId :

M-R-2

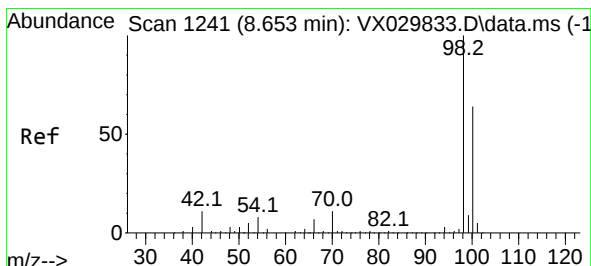
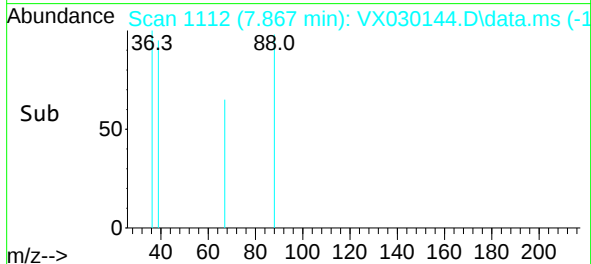
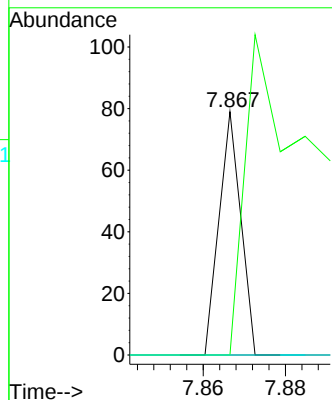
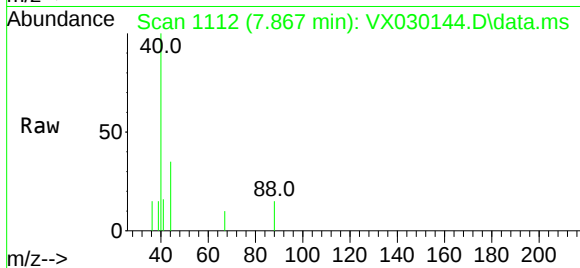
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 382.8 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 48.650 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030144.D

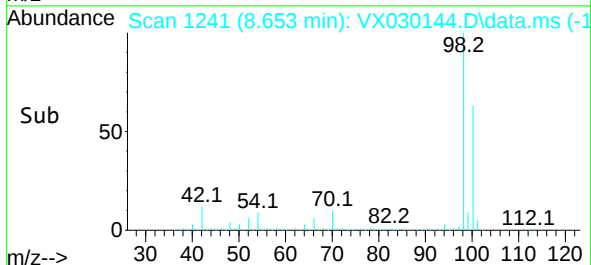
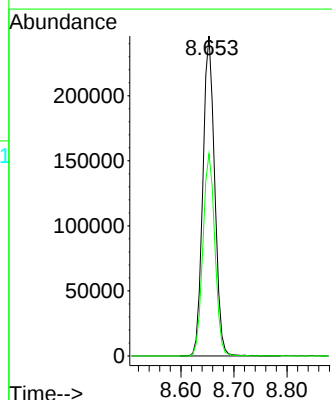
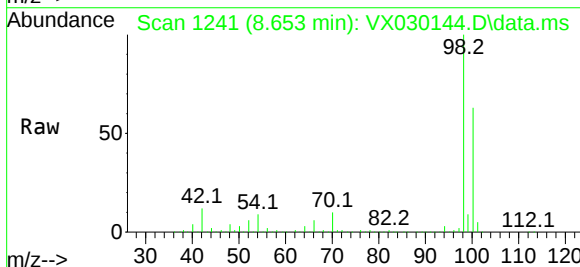
Acq: 20 Jul 2022 19:55

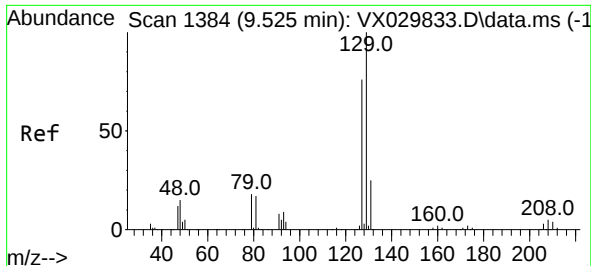
Tgt Ion: 98 Resp: 379004

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5

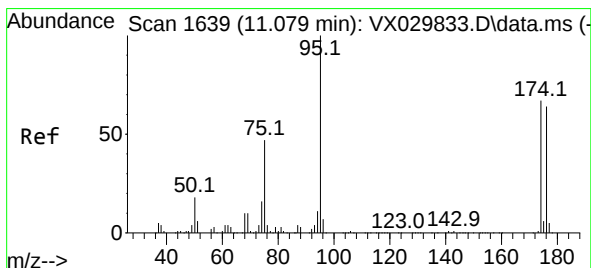
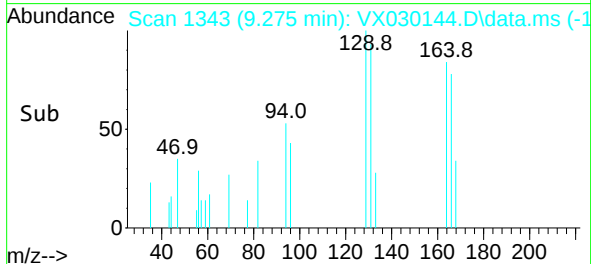
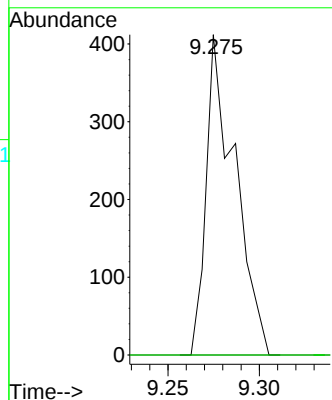
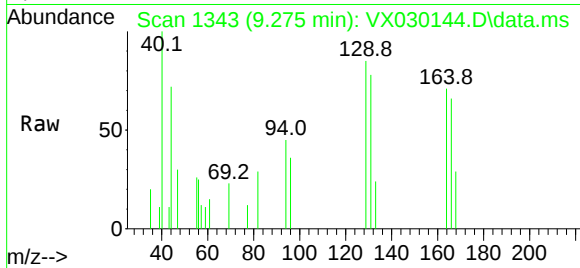




#60
Dibromochloromethane
Concen: 0.209 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

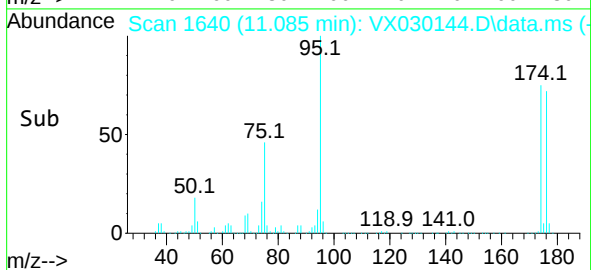
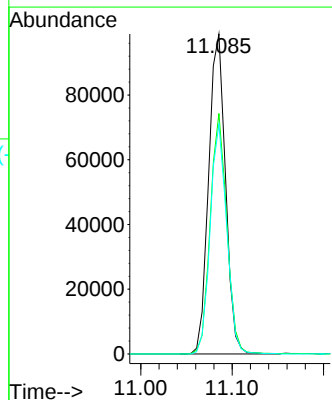
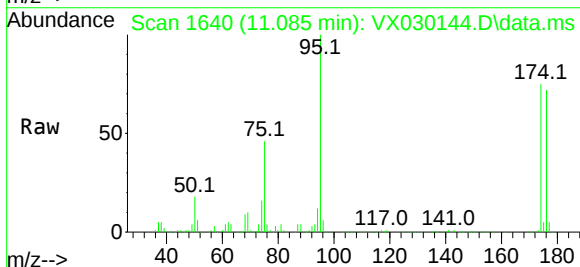
Instrument :
MSVOA_X
ClientSampleId :
M-R-2

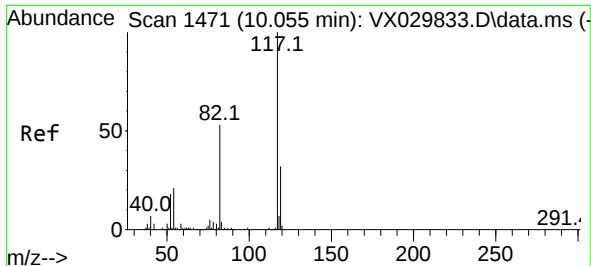
Tgt Ion:129 Resp: 449
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 46.683 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

Tgt Ion: 95 Resp: 126208
Ion Ratio Lower Upper
95 100
174 73.9 0.0 149.0
176 70.6 0.0 146.0

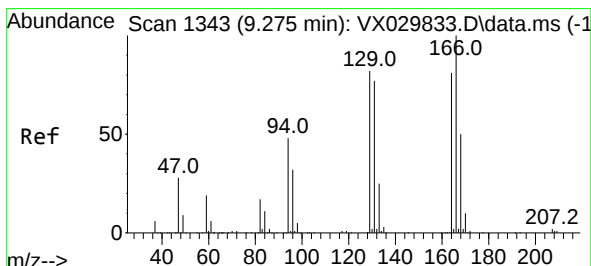
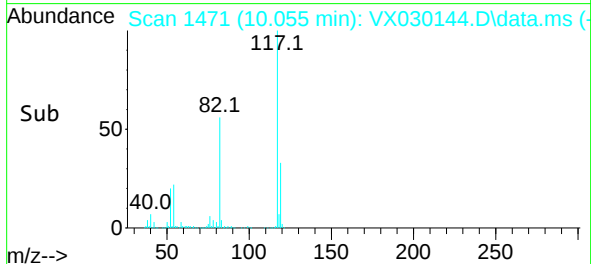
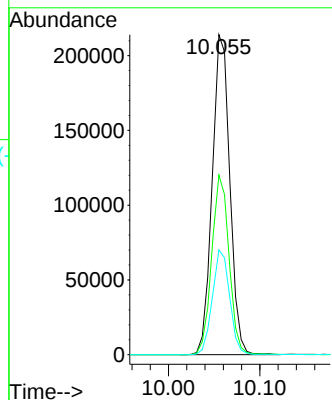
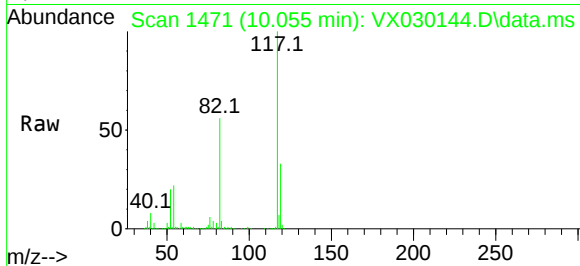




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

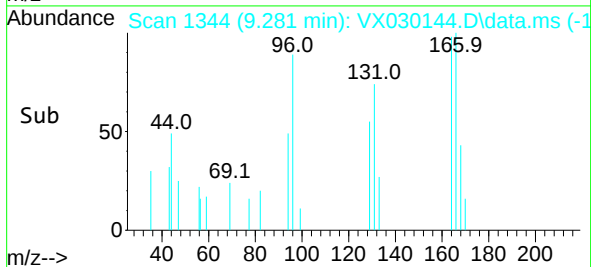
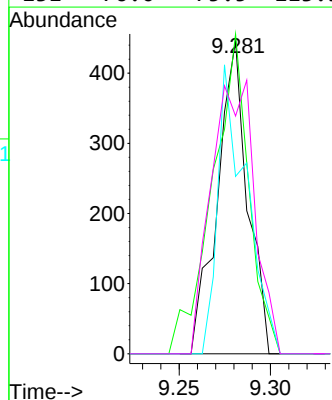
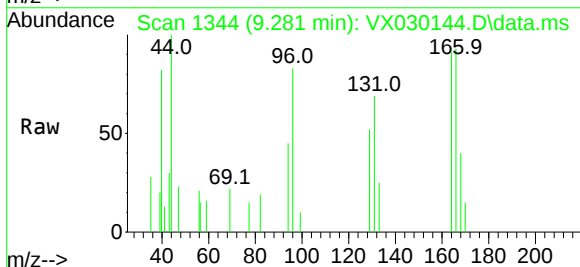
Instrument :
MSVOA_X
ClientSampleId :
M-R-2

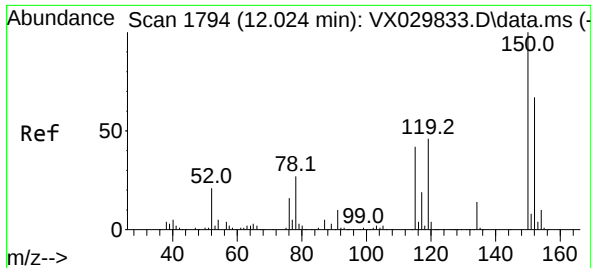
Tgt Ion:117 Resp: 286038
Ion Ratio Lower Upper
117 100
82 56.1 42.7 64.1
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.224 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

Tgt Ion:164 Resp: 515
Ion Ratio Lower Upper
164 100
166 102.2 98.2 147.4
129 56.7 80.8 121.2#
131 76.0 75.5 113.3

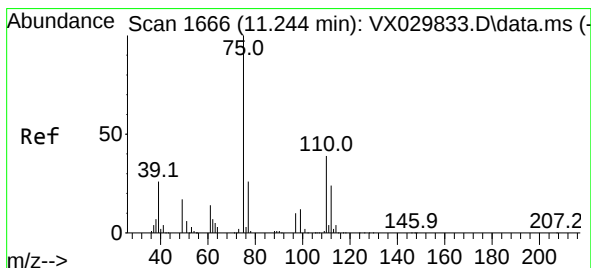
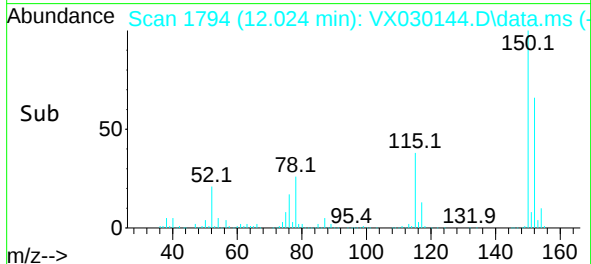
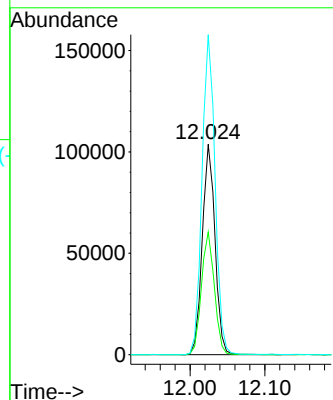
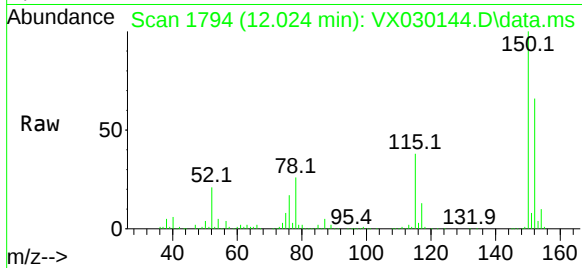




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

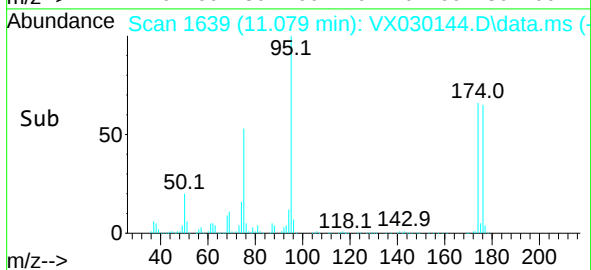
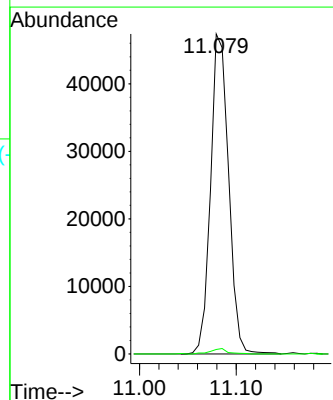
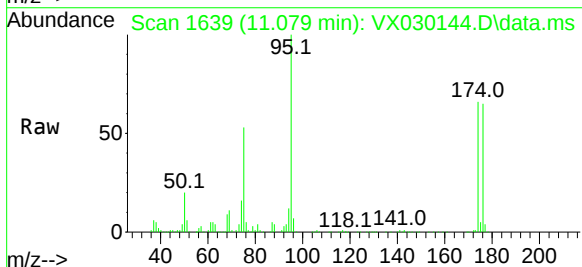
Instrument :
MSVOA_X
ClientSampleId :
M-R-2

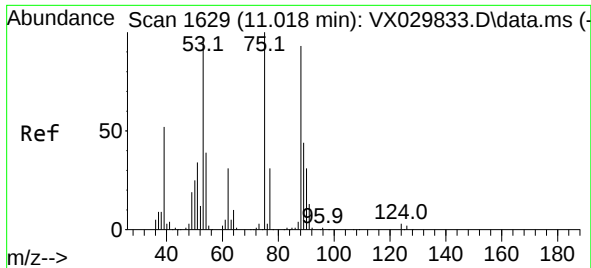
Tgt Ion:152 Resp: 122655
Ion Ratio Lower Upper
152 100
115 59.3 40.5 121.5
150 155.4 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 21.807 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030144.D
Acq: 20 Jul 2022 19:55

Tgt Ion: 75 Resp: 61498
Ion Ratio Lower Upper
75 100
77 1.6 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.935 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030144.D
 Acq: 20 Jul 2022 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 M-R-2

Tgt Ion: 75 Resp: 61498
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

