

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030737.D
 Acq On : 23 Aug 2022 17:15
 Operator : JC/MD
 Sample : N4245-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D1-20220816

Quant Time: Sep 06 02:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 24 16:33:27 2022
 Response via : Initial Calibration

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

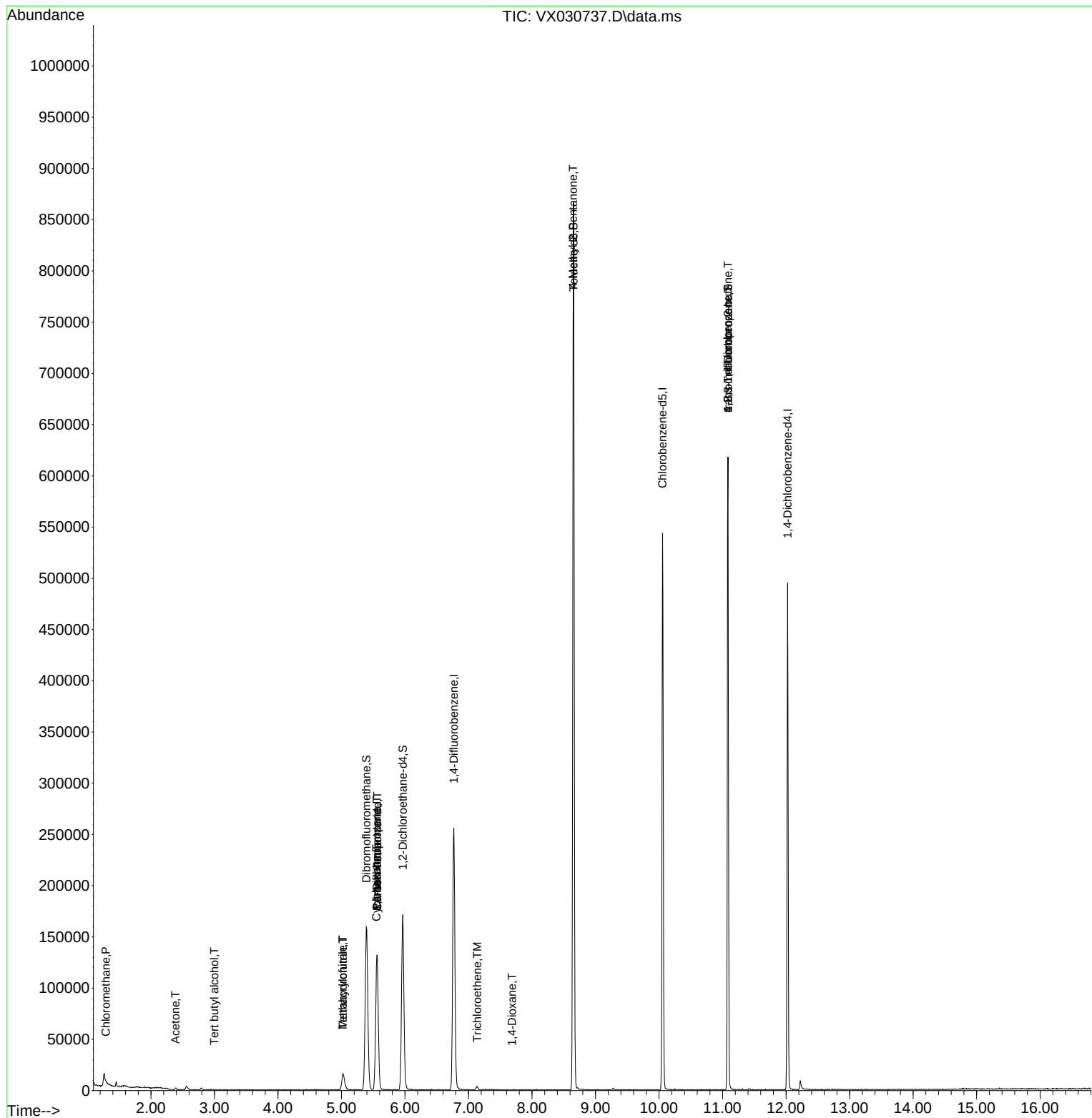
Internal Standards						
1) Pentafluorobenzene	5.556	168	125938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	275790	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155479	61.423	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.840%	
35) Dibromofluoromethane	5.391	113	145305	55.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.220%	
50) Toluene-d8	8.653	98	527212	51.637	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	11.085	95	175171	46.230	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	702	0.344	ug/l	96
5) Bromomethane	1.618	94	379	Below Cal		86
11) Tert butyl alcohol	2.995	59	173	0.280	ug/l #	74
16) Acetone	2.386	43	2008	1.549	ug/l	92
20) Methylene Chloride	2.794	84	798	Below Cal	#	68
29) Tetrahydrofuran	5.019	42	15261	10.415	ug/l	100
31) Cyclohexane	5.550	56	2515	0.684	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10299	2.714	ug/l #	48
38) Carbon Tetrachloride	5.562	117	12701	3.586	ug/l #	18
41) Methacrylonitrile	5.019	41	8928	3.100	ug/l #	42
44) Trichloroethene	7.135	130	1276	0.391	ug/l	73
49) 1,4-Dioxane	7.684	88	48	0.536	ug/l #	1
51) 4-Methyl-2-Pentanone	8.647	43	1881	0.352	ug/l #	1
67) Ethyl Benzene	10.201	91	96	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	84572	32.320	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	84572	96.958	ug/l #	13

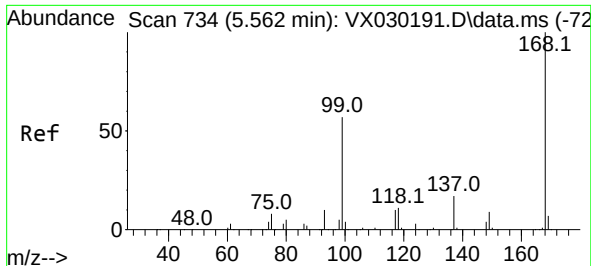
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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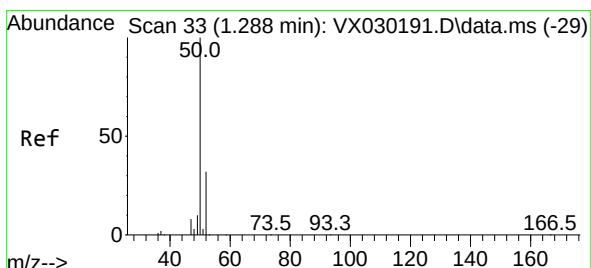
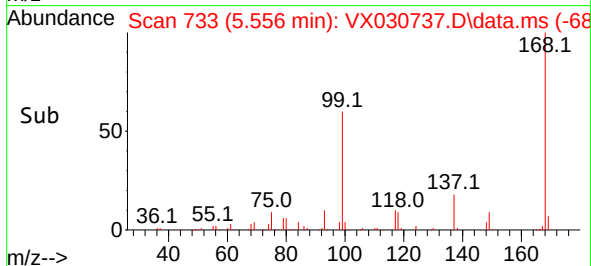
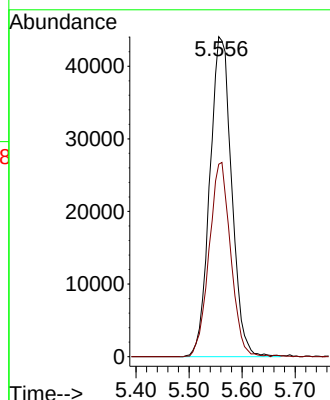
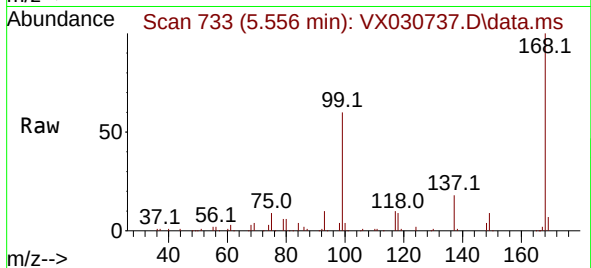




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

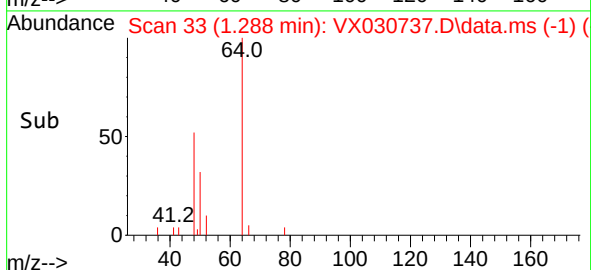
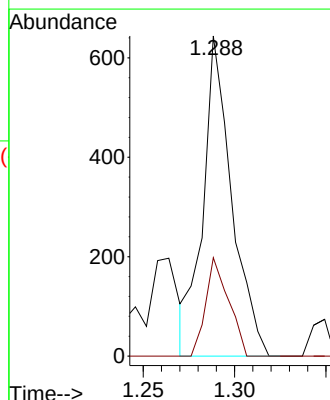
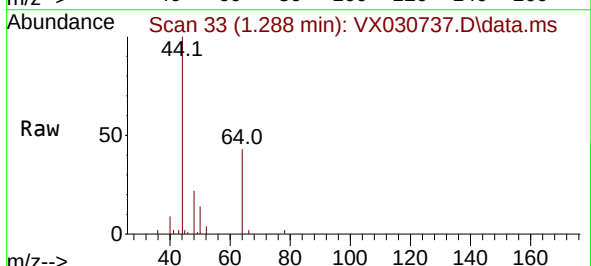
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

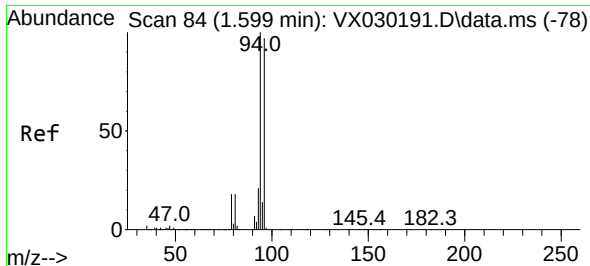
Tgt Ion:168 Resp: 125938
Ion Ratio Lower Upper
168 100
99 60.1 44.0 66.0



#3
Chloromethane
Concen: 0.344 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

Tgt Ion: 50 Resp: 702
Ion Ratio Lower Upper
50 100
52 30.7 26.3 39.5

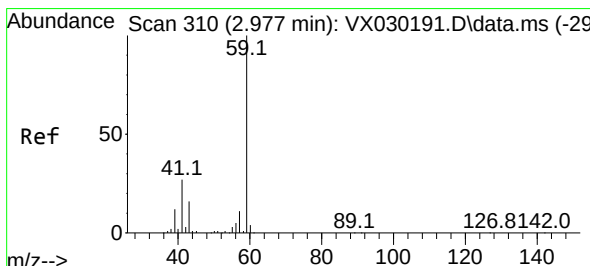
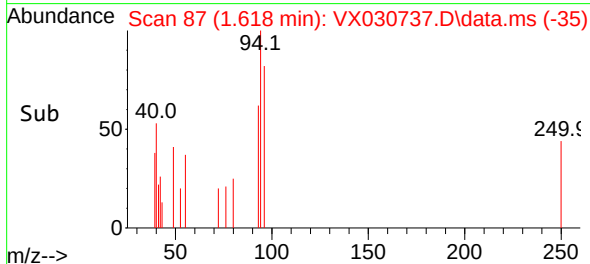
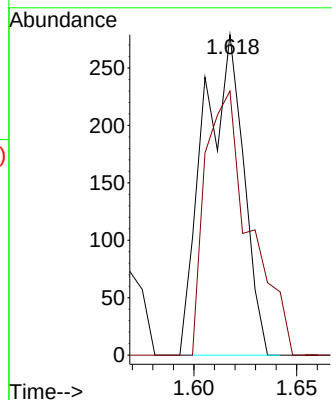
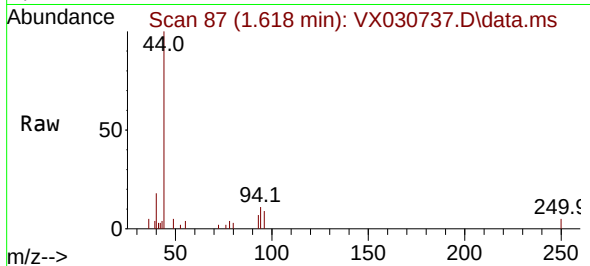




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

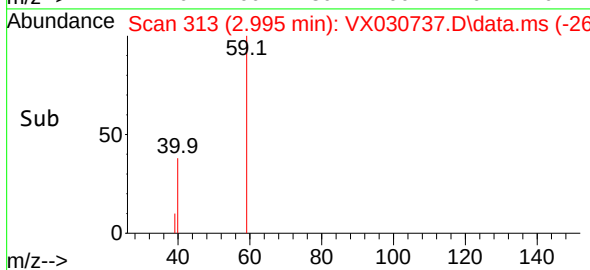
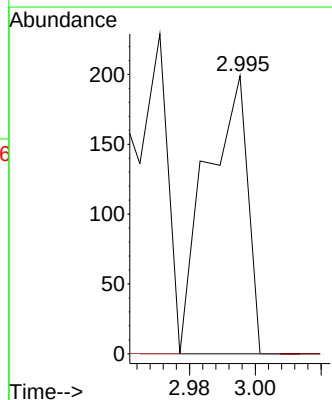
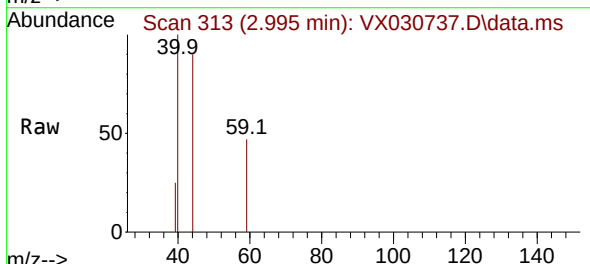
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

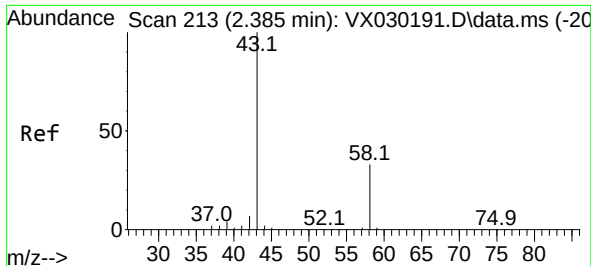
Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 82.4 76.9 115.3



#11
Tert butyl alcohol
Concen: 0.280 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.018 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

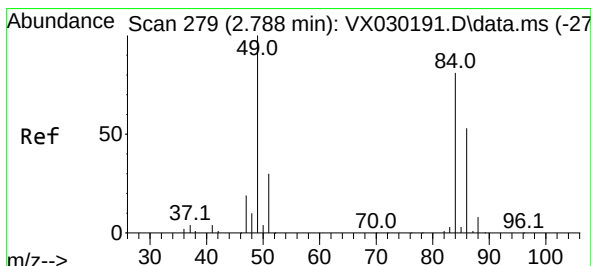
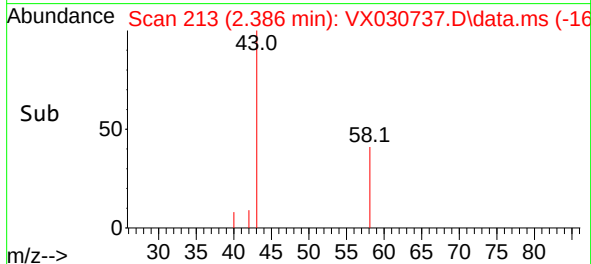
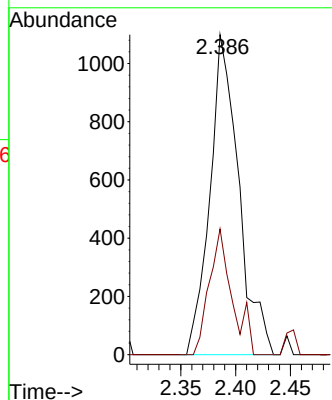
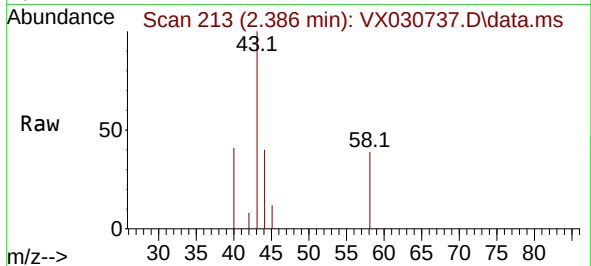




#16
Acetone
Concen: 1.549 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

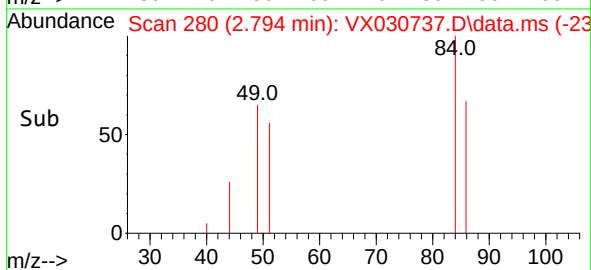
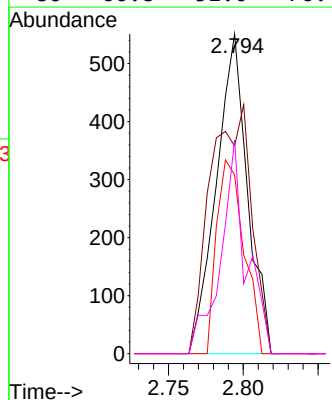
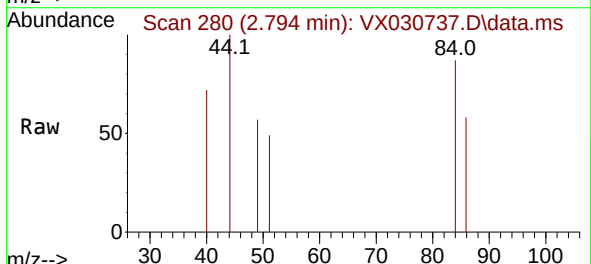
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

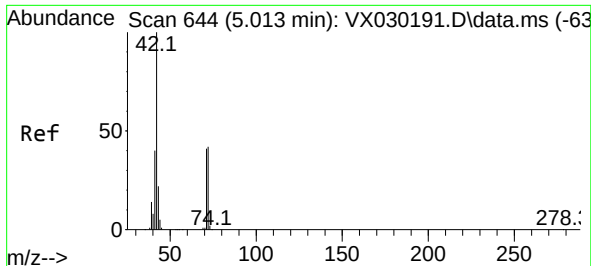
Tgt Ion: 43 Resp: 2008
Ion Ratio Lower Upper
43 100
58 39.3 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

Tgt Ion: 84 Resp: 798
Ion Ratio Lower Upper
84 100
49 65.0 93.8 140.6#
51 55.9 29.4 44.0#
86 66.8 51.0 76.4





#29

Tetrahydrofuran

Concen: 10.415 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX030737.D

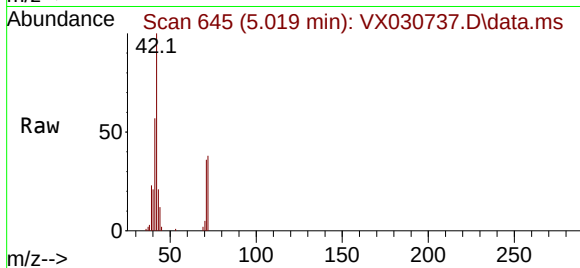
Acq: 23 Aug 2022 17:15

Instrument :

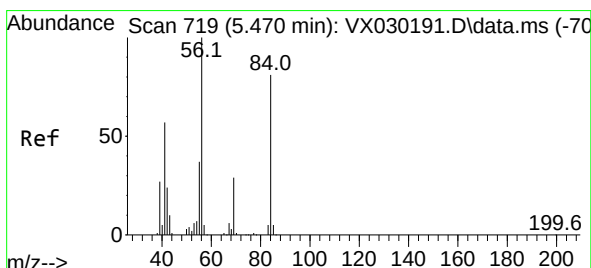
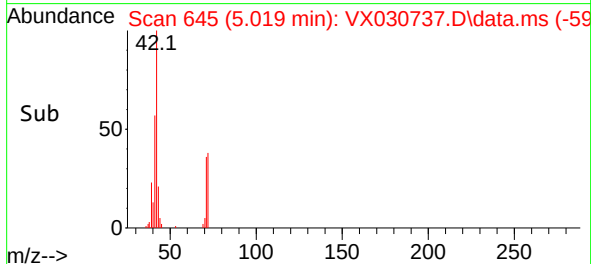
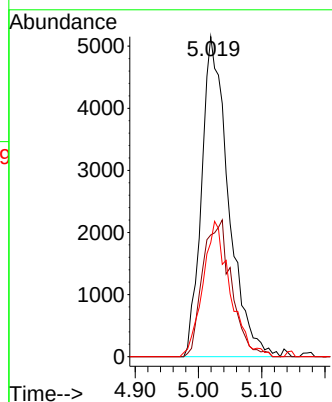
MSVOA_X

ClientSampleId :

RW8-MW01D1-20220816



Tgt Ion:	42	Resp:	15261
Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.5	54.7
71	42.9	33.9	50.9



#31

Cyclohexane

Concen: 0.684 ug/l

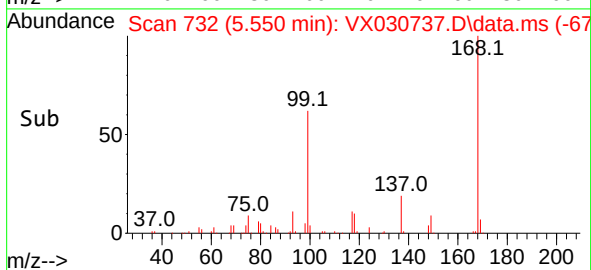
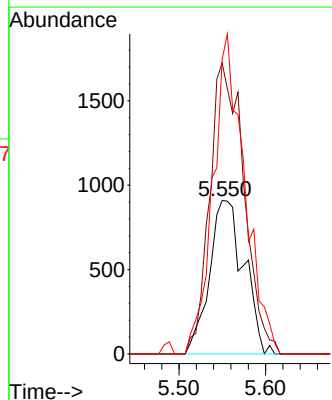
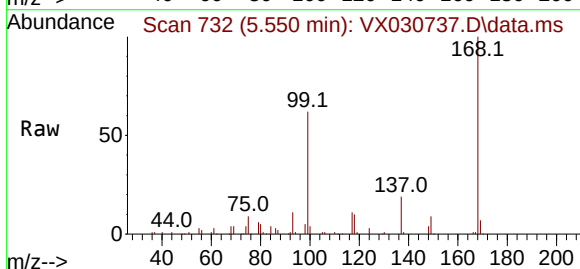
RT: 5.550 min Scan# 732

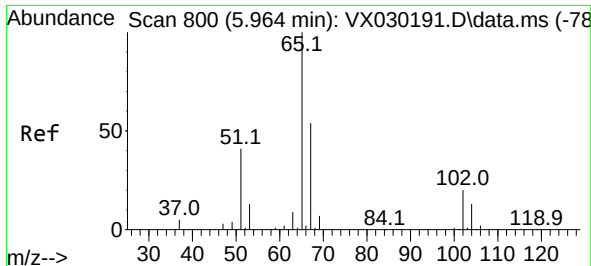
Delta R.T. 0.080 min

Lab File: VX030737.D

Acq: 23 Aug 2022 17:15

Tgt Ion:	56	Resp:	2515
Ion	Ratio	Lower	Upper
56	100		
69	189.7	25.4	38.0#
84	191.9	68.9	103.3#

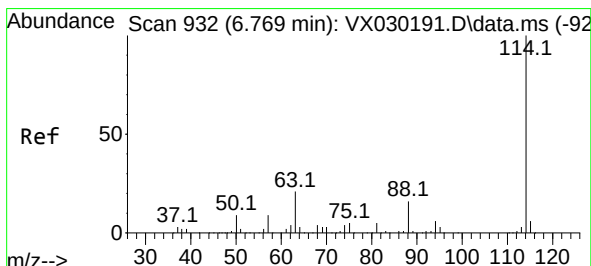
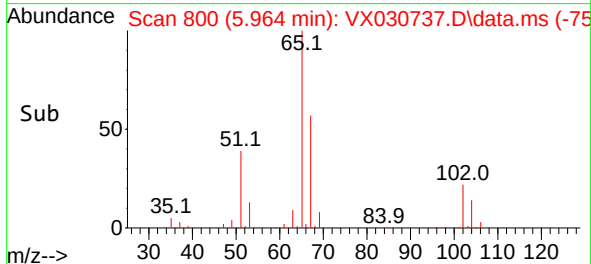
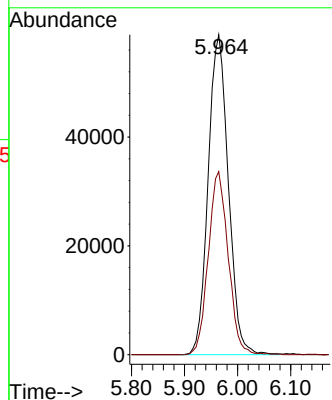
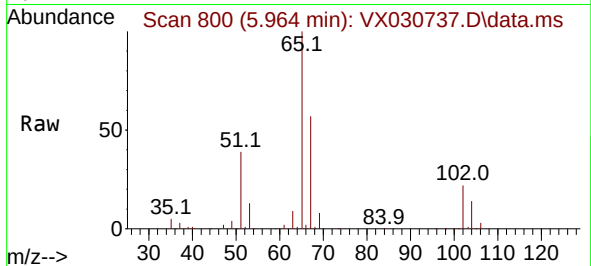




#33
1,2-Dichloroethane-d4
Concen: 61.423 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

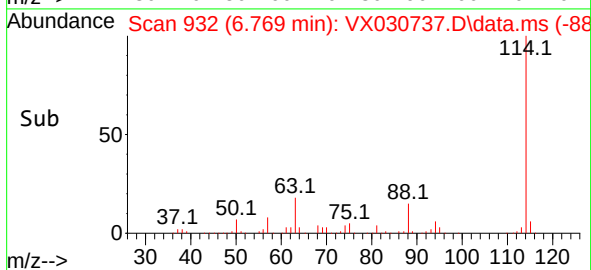
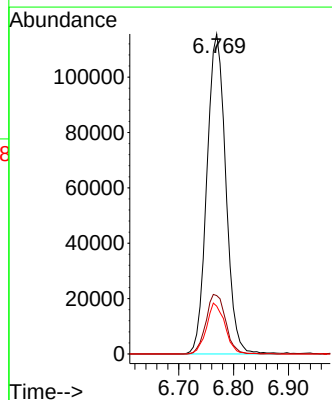
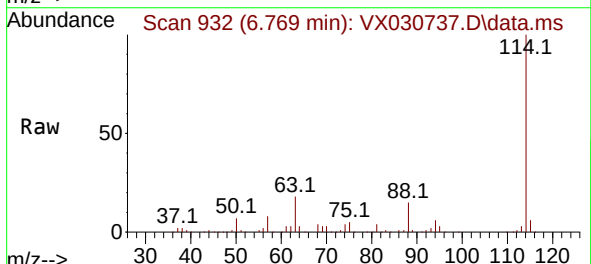
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

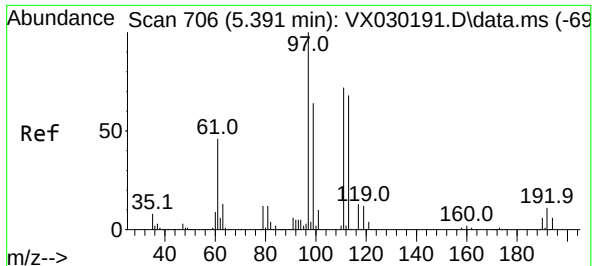
Tgt Ion: 65 Resp: 155479
Ion Ratio Lower Upper
65 100
67 56.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

Tgt Ion: 114 Resp: 275790
Ion Ratio Lower Upper
114 100
63 18.3 0.0 38.4
88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.115 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030737.D

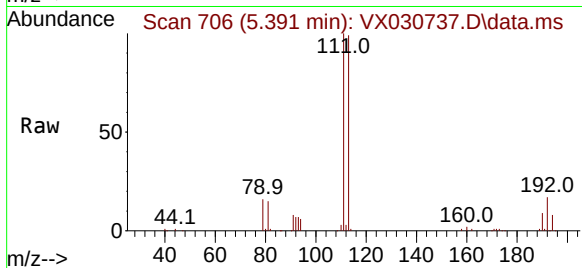
Acq: 23 Aug 2022 17:15

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D1-20220816



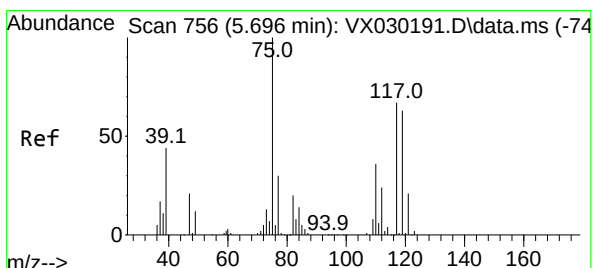
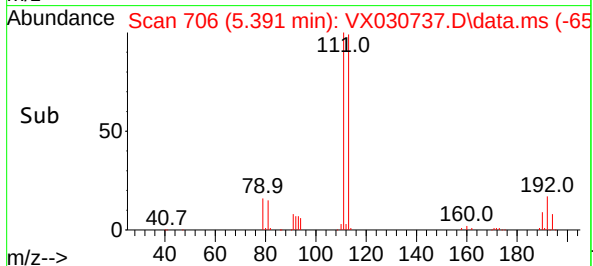
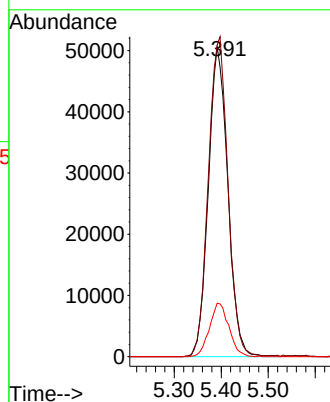
Tgt Ion:113 Resp: 145305

Ion Ratio Lower Upper

113 100

111 104.1 83.2 124.8

192 17.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 2.714 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030737.D

Acq: 23 Aug 2022 17:15

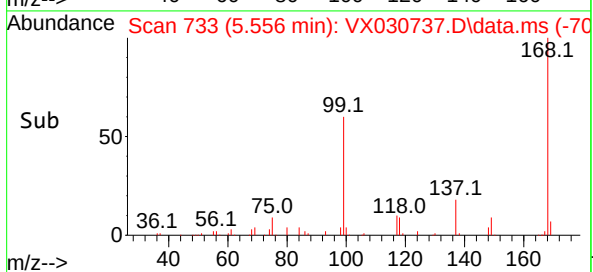
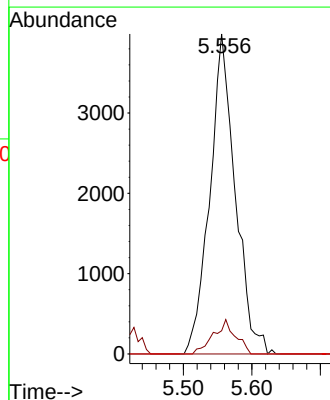
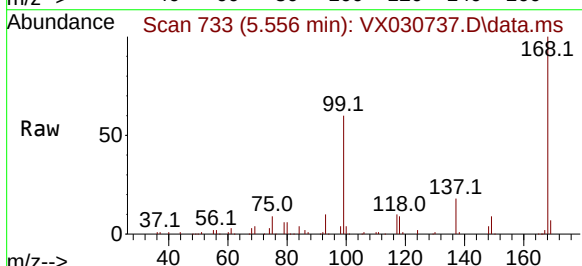
Tgt Ion: 75 Resp: 10299

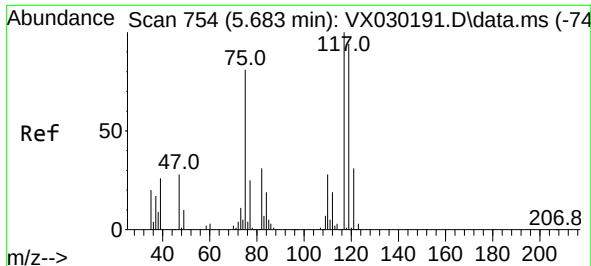
Ion Ratio Lower Upper

75 100

110 9.2 19.3 57.9#

77 0.0 24.4 36.6#

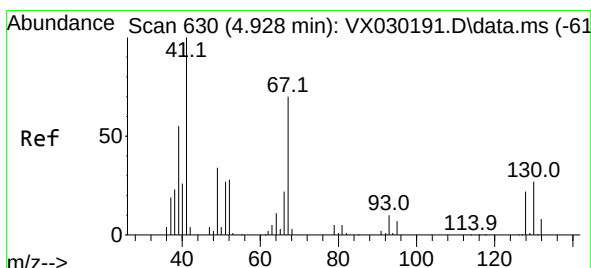
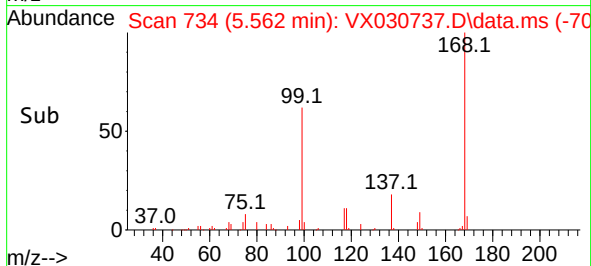
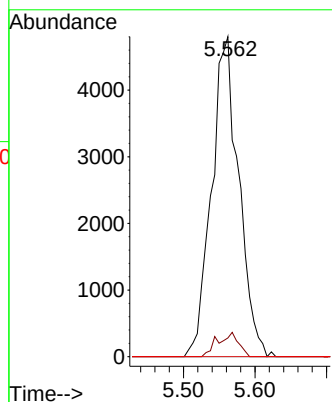
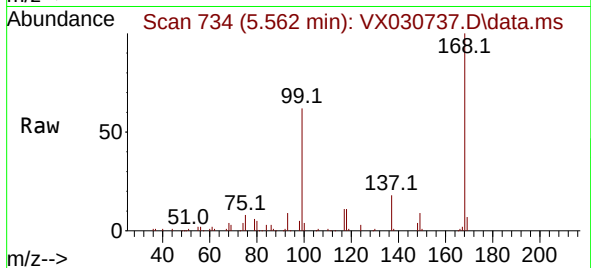




#38
Carbon Tetrachloride
Concen: 3.586 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

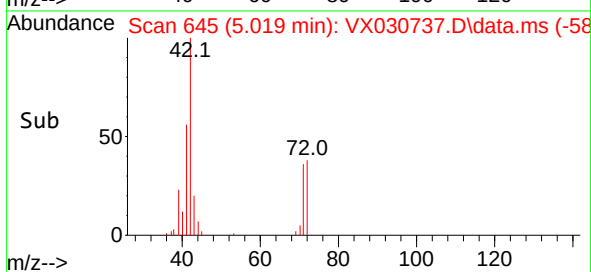
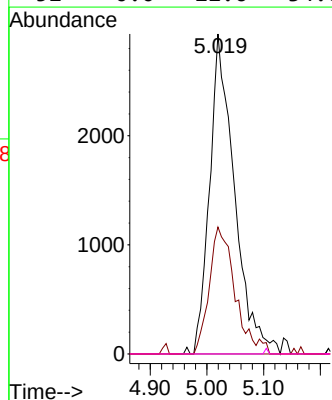
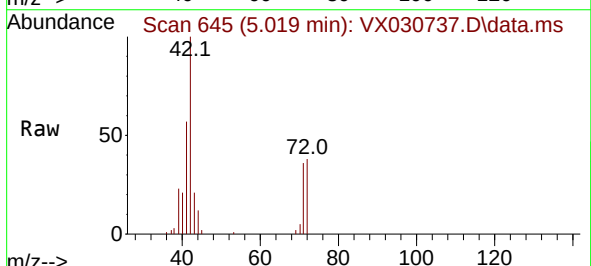
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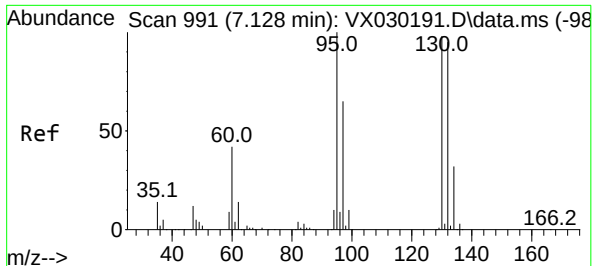
Tgt Ion:117 Resp: 12701
Ion Ratio Lower Upper
117 100
119 5.9 74.1 111.1#
121 0.0 25.8 38.8#



#41
Methacrylonitrile
Concen: 3.100 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

Tgt Ion: 41 Resp: 8928
Ion Ratio Lower Upper
41 100
39 39.9 42.9 64.3#
67 0.0 60.1 90.1#
52 0.0 22.6 34.0#

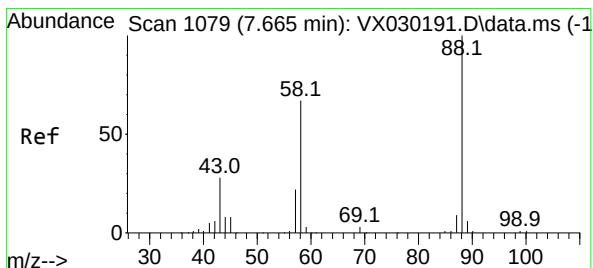
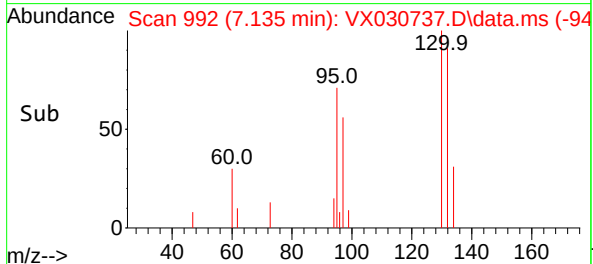
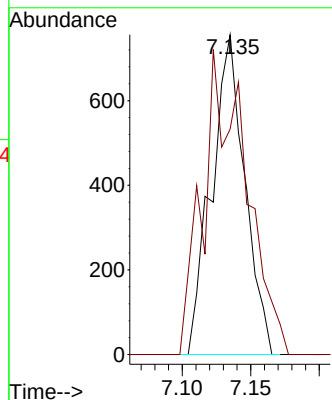
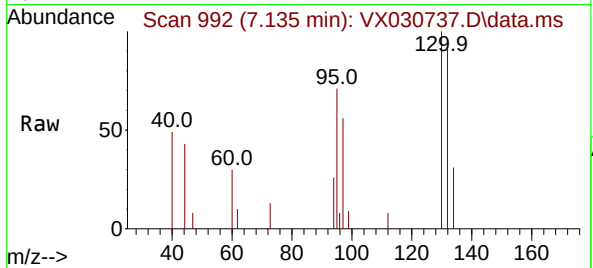




#44
Trichloroethene
Concen: 0.391 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

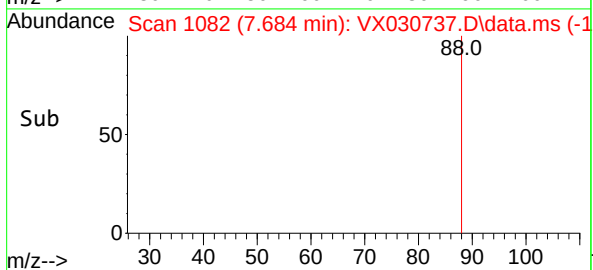
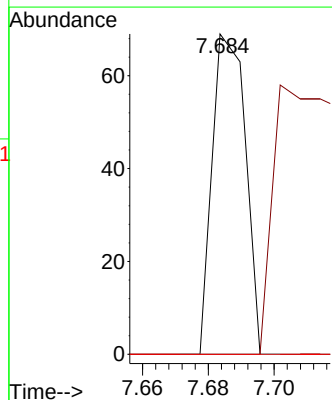
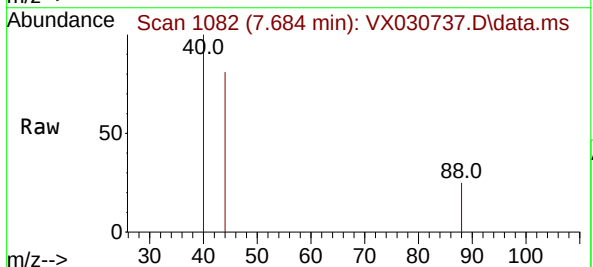
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

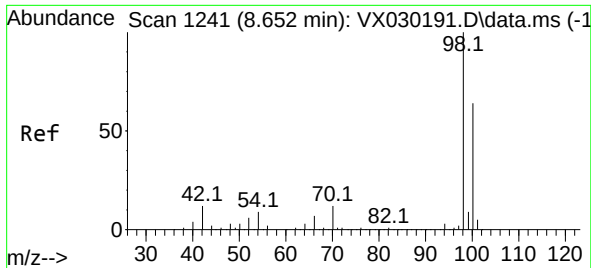
Tgt Ion:130 Resp: 1276
Ion Ratio Lower Upper
130 100
95 70.5 0.0 194.8



#49
1,4-Dioxane
Concen: 0.536 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.019 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 168.8 23.8 35.8#
58 0.0 53.8 80.6#

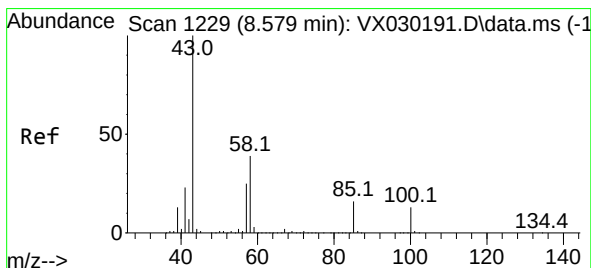
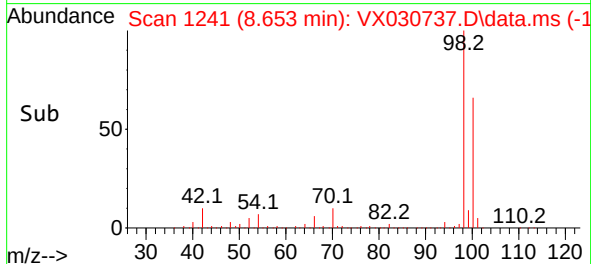
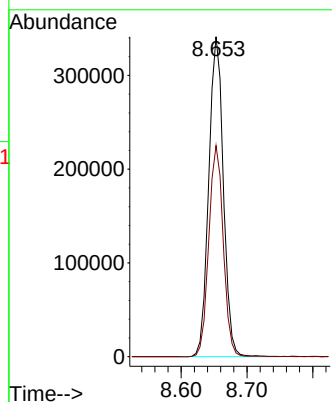
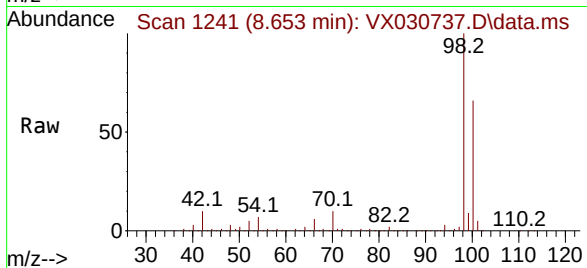




#50
Toluene-d8
Concen: 51.637 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

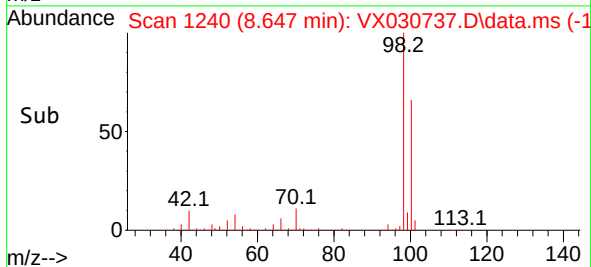
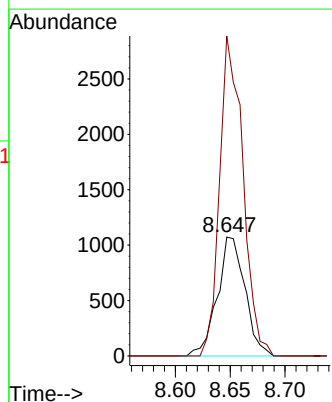
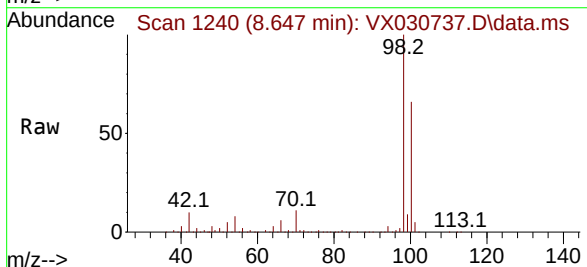
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

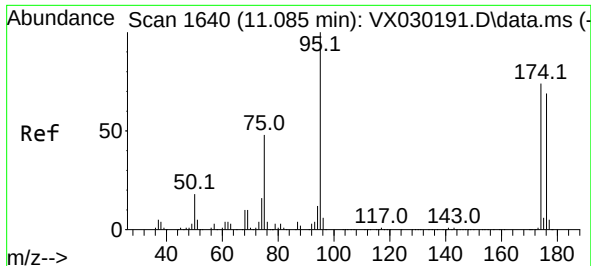
Tgt Ion: 98 Resp: 527212
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.352 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.068 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

Tgt Ion: 43 Resp: 1881
Ion Ratio Lower Upper
43 100
58 227.4 31.4 47.2#





#62

4-Bromofluorobenzene

Concen: 46.230 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030737.D

Acq: 23 Aug 2022 17:15

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D1-20220816

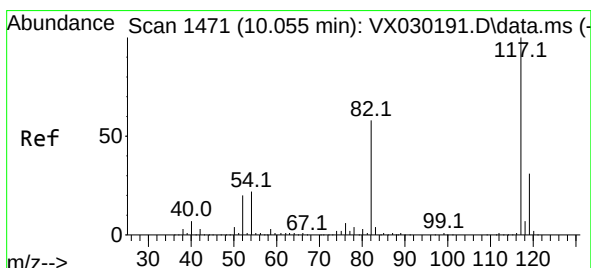
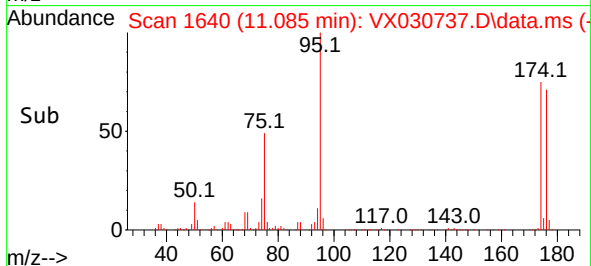
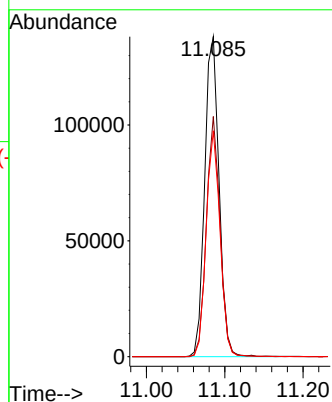
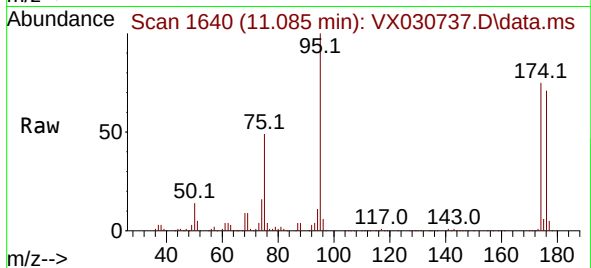
Tgt Ion: 95 Resp: 175171

Ion Ratio Lower Upper

95 100

174 71.8 0.0 149.0

176 68.1 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: VX030737.D

Acq: 23 Aug 2022 17:15

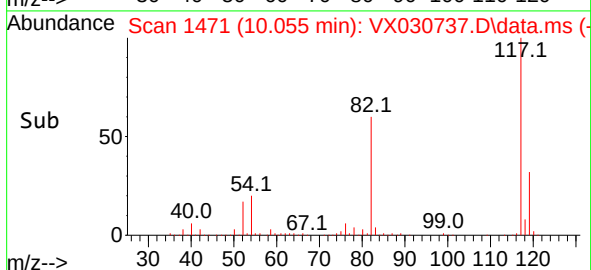
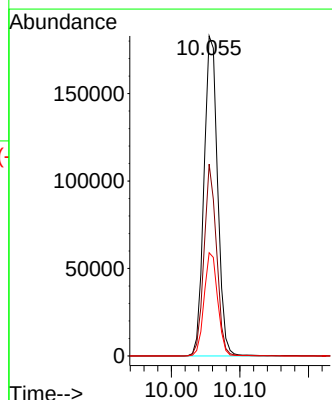
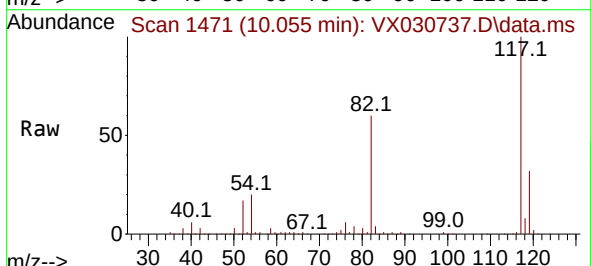
Tgt Ion: 117 Resp: 253820

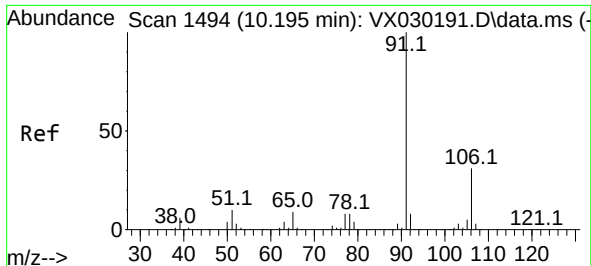
Ion Ratio Lower Upper

117 100

82 60.0 42.7 64.1

119 32.2 25.4 38.2

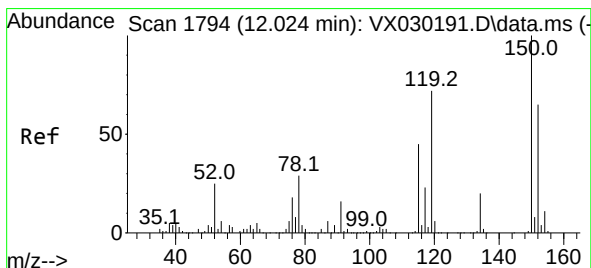
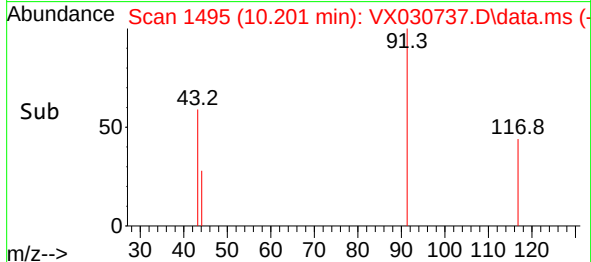
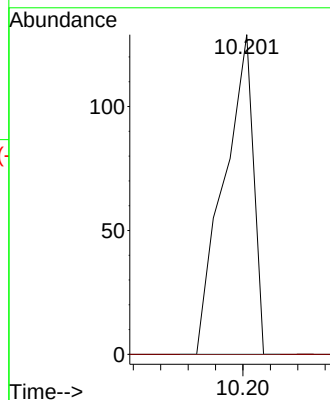
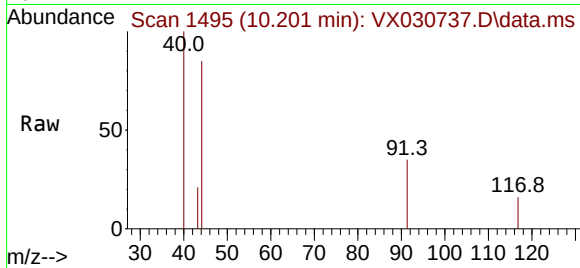




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

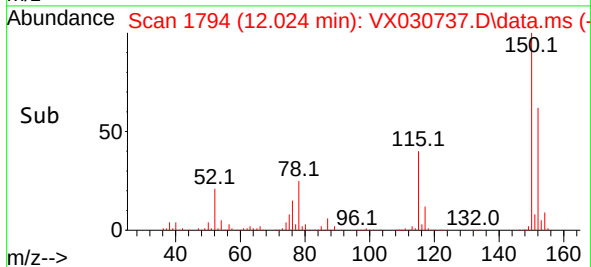
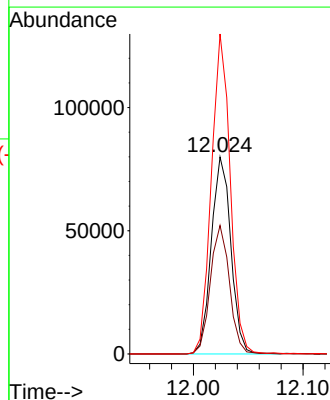
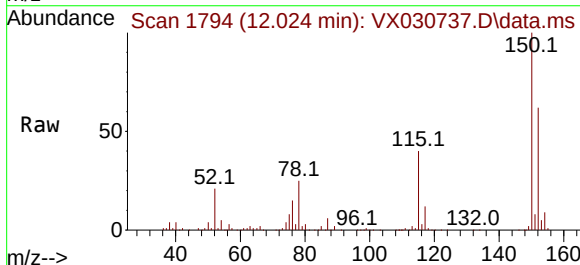
Instrument : MSVOA_X
ClientSampleId : RW8-MW01D1-20220816

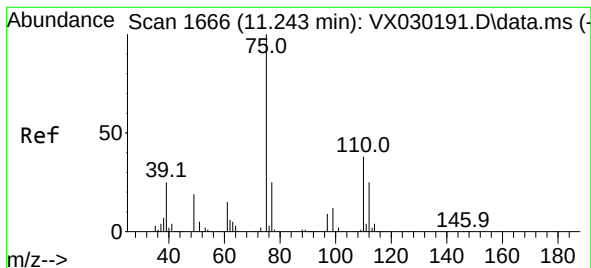
Tgt Ion: 91 Resp: 96
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030737.D
Acq: 23 Aug 2022 17:15

Tgt Ion:152 Resp: 99270
Ion Ratio Lower Upper
152 100
115 63.8 40.5 121.5
150 156.5 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 32.320 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX030737.D

Acq: 23 Aug 2022 17:15

Instrument :

MSVOA_X

ClientSampleId :

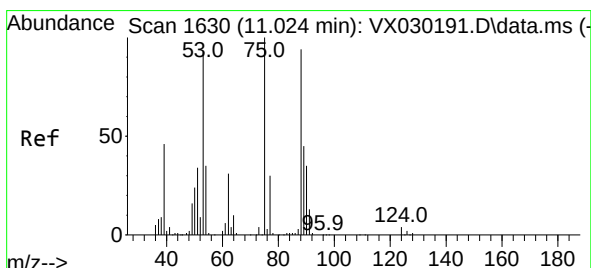
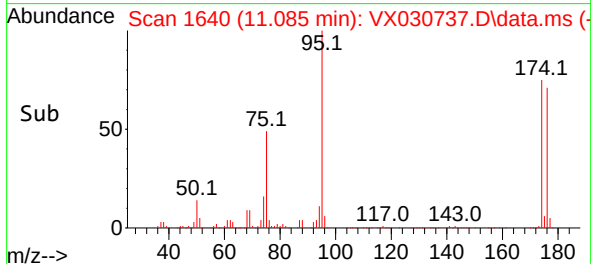
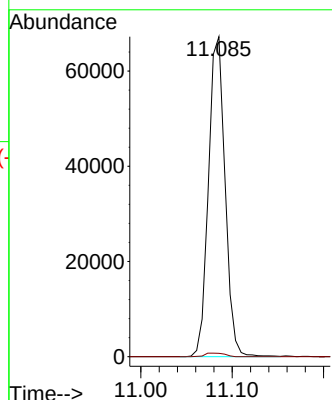
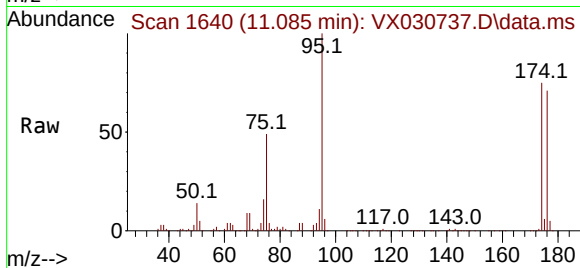
RW8-MW01D1-20220816

Tgt Ion: 75 Resp: 84572

Ion Ratio Lower Upper

75 100

77 1.4 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.958 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX030737.D

Acq: 23 Aug 2022 17:15

Tgt Ion: 75 Resp: 84572

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

