

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035813.D
 Acq On : 23 May 2023 14:57
 Operator : JC/MD
 Sample : 02824-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: May 24 05:48:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

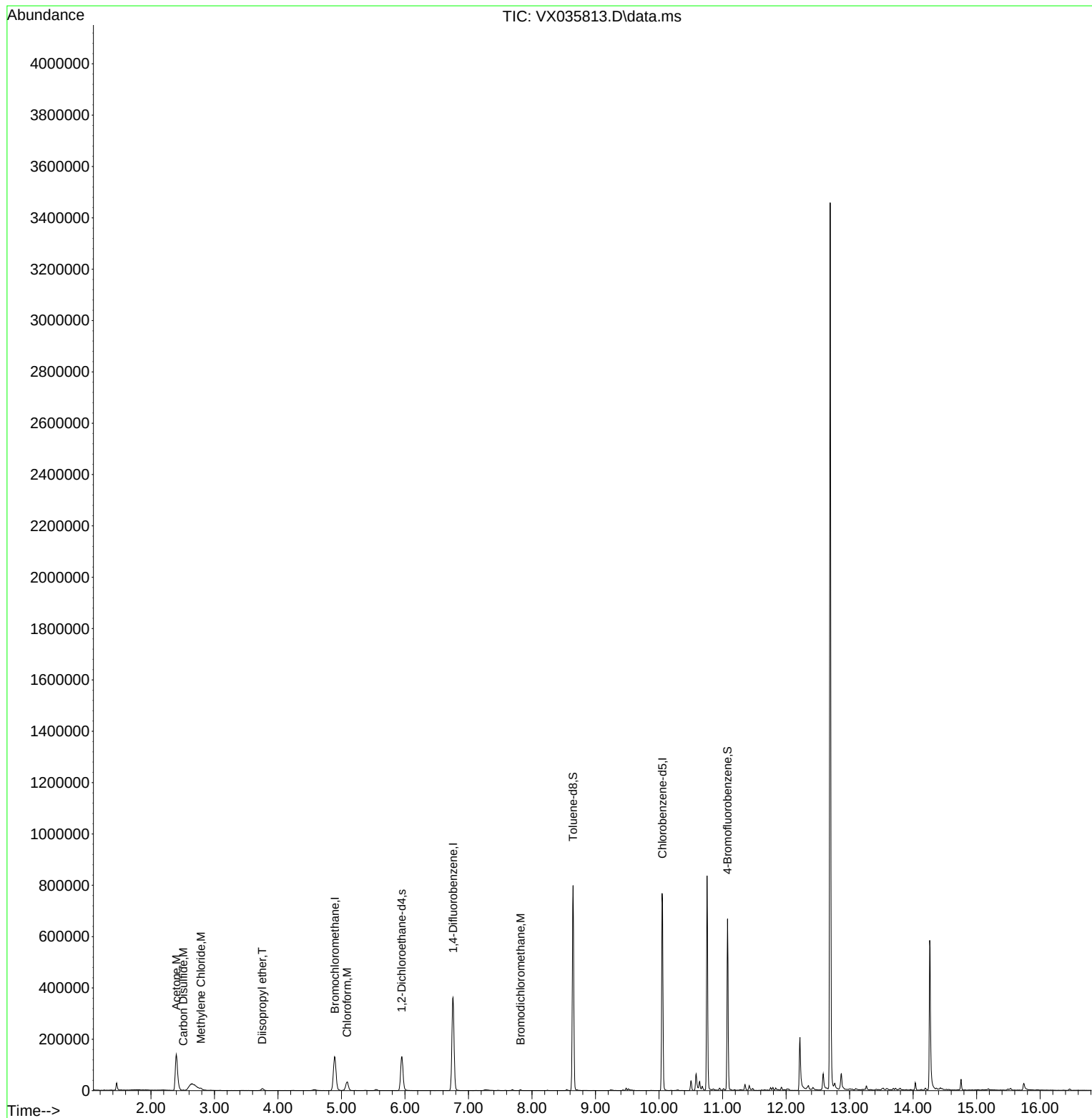
Internal Standards						
1) Bromochloromethane	4.897	128	53531	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	369073	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	341958	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	126709	28.488	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.967%
60) 4-Bromofluorobenzene	11.079	95	166025	28.934	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.433%
63) Toluene-d8	8.647	98	456348	30.187	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.633%
Target Compounds						
					Qvalue	
15) Acetone	2.398	58	70943	124.781	ug/l	93
16) Carbon Disulfide	2.508	76	1869	0.321	ug/l	99
18) Methylene Chloride	2.788	84	1872	0.536	ug/l #	83
20) Diisopropyl ether	3.751	45	8439	0.722	ug/l #	68
25) Chloroform	5.086	83	37983	6.043	ug/l	94
41) Bromodichloromethane	7.818	83	1992	0.373	ug/l #	97

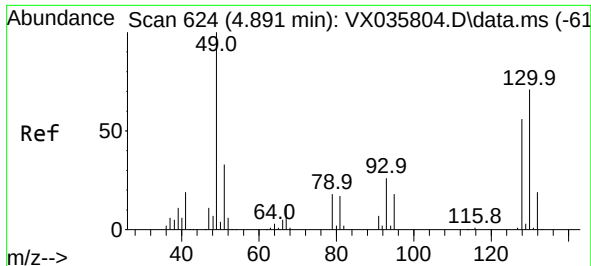
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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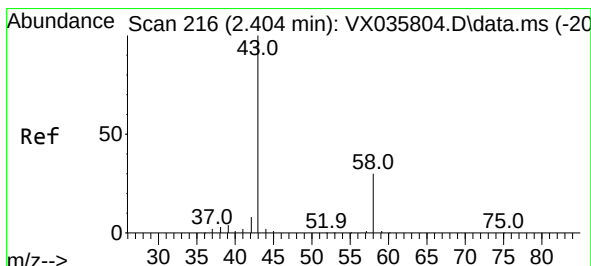
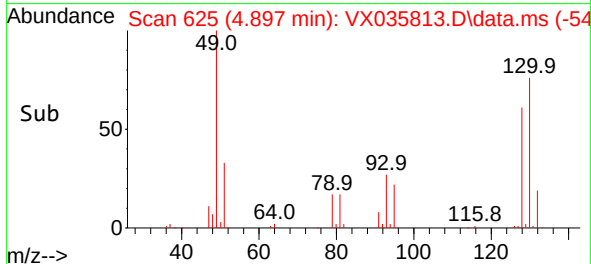
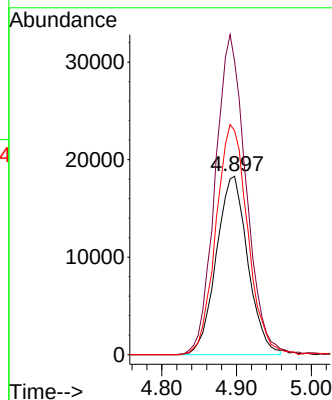
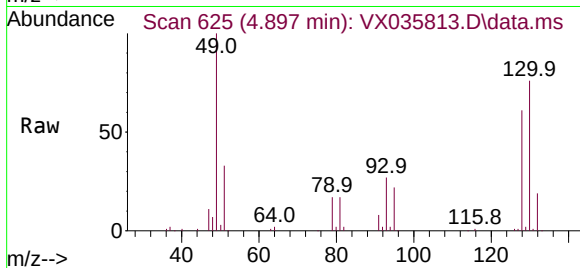




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035813.D
Acq: 23 May 2023 14:57

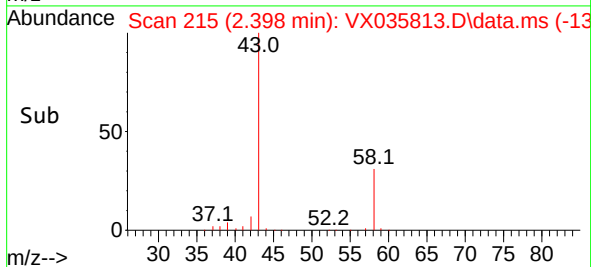
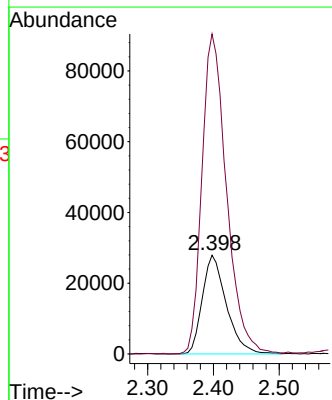
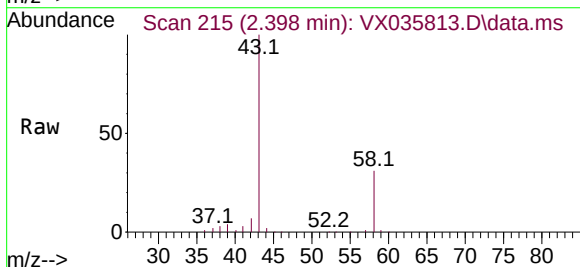
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

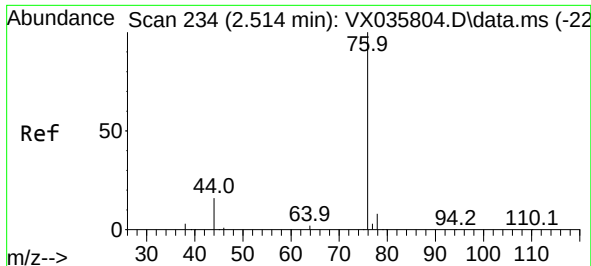
Tgt Ion:128 Resp: 53531
Ion Ratio Lower Upper
128 100
49 176.0 0.0 428.8
130 130.6 0.0 310.8



#15
Acetone
Concen: 124.781 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035813.D
Acq: 23 May 2023 14:57

Tgt Ion: 58 Resp: 70943
Ion Ratio Lower Upper
58 100
43 323.8 270.8 406.2

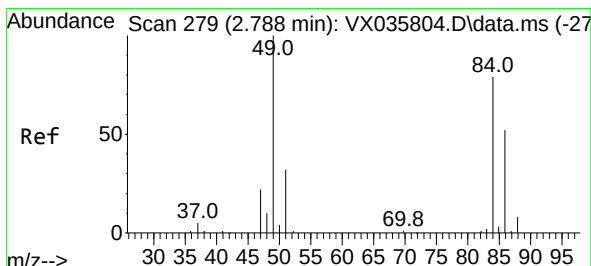
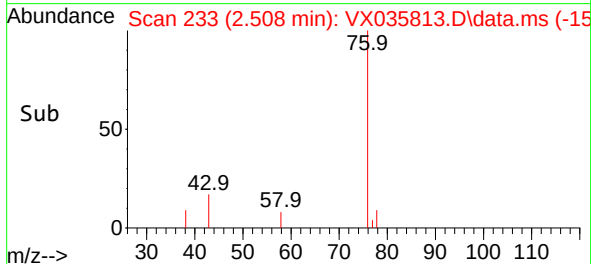
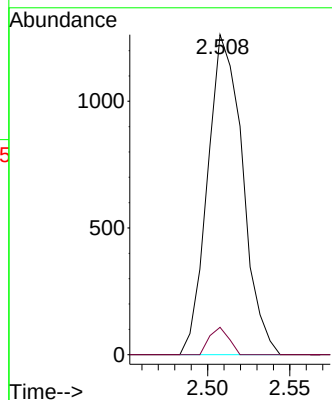
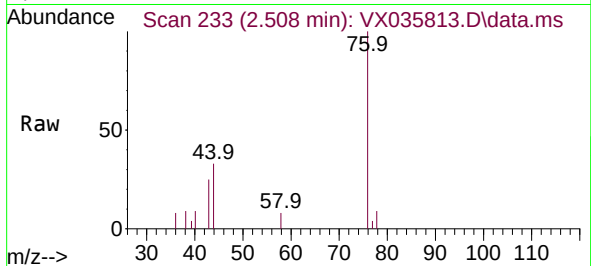




#16
Carbon Disulfide
Concen: 0.321 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035813.D
Acq: 23 May 2023 14:57

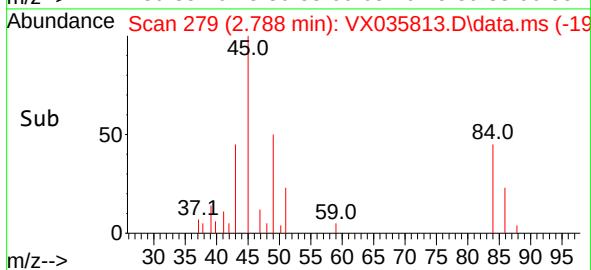
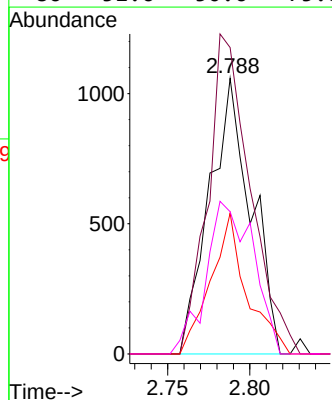
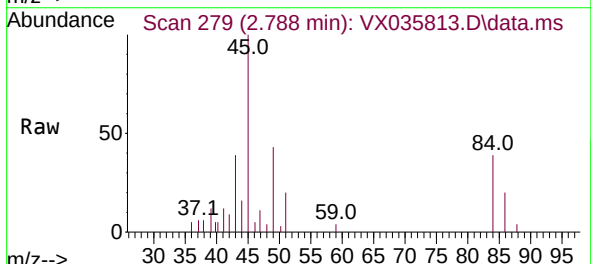
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

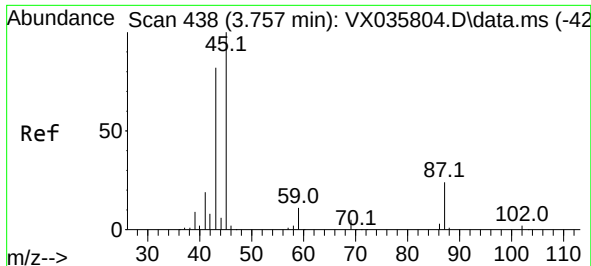
Tgt Ion: 76 Resp: 1869
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methylene Chloride
Concen: 0.536 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035813.D
Acq: 23 May 2023 14:57

Tgt Ion: 84 Resp: 1872
Ion Ratio Lower Upper
84 100
49 111.1 103.9 155.9
51 51.1 30.6 45.8#
86 51.6 50.6 75.8

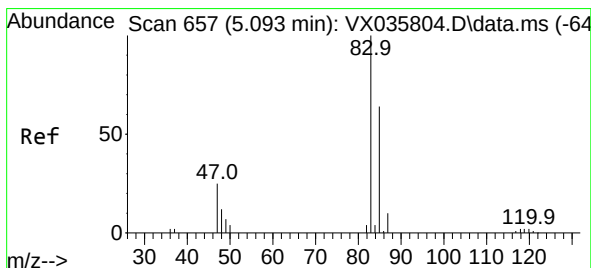
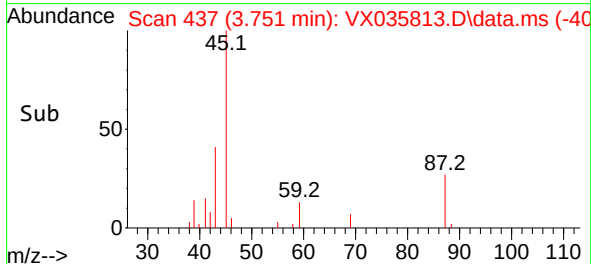
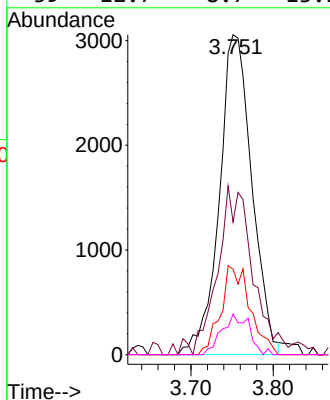
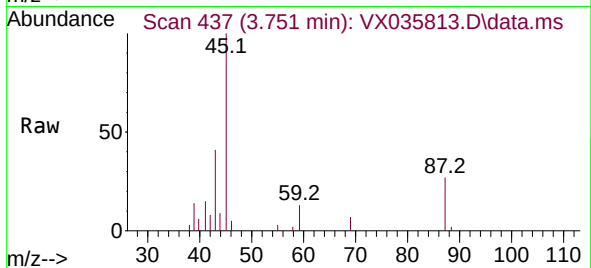




#20
Diisopropyl ether
Concen: 0.722 ug/l
RT: 3.751 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX035813.D
Acq: 23 May 2023 14:57

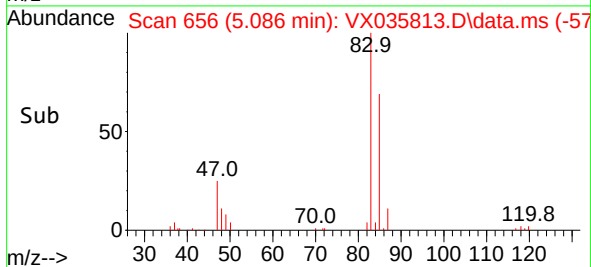
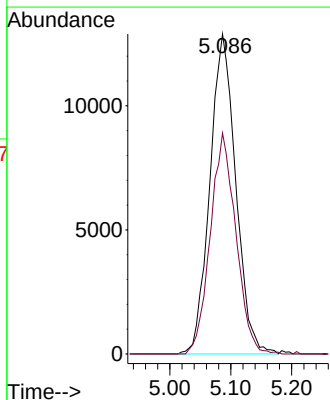
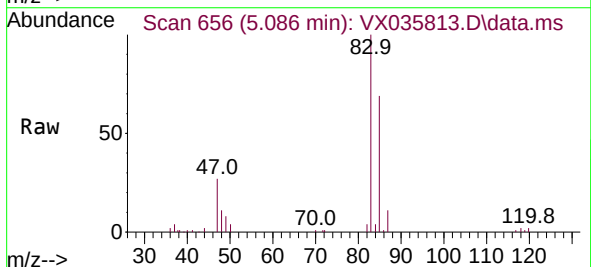
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

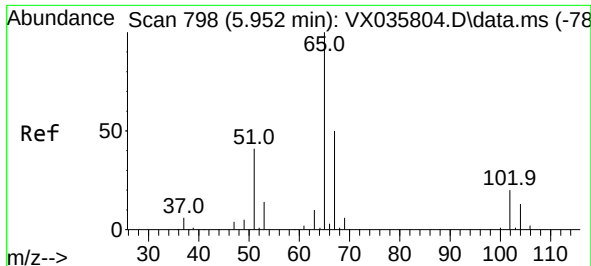
Tgt Ion:	45	Resp:	8439
Ion	Ratio	Lower	Upper
45	100		
43	41.4	66.0	99.0#
87	26.7	21.8	32.6
59	12.7	8.7	13.1



#25
Chloroform
Concen: 6.043 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX035813.D
Acq: 23 May 2023 14:57

Tgt Ion:	83	Resp:	37983
Ion	Ratio	Lower	Upper
83	100		
85	69.0	51.2	76.8

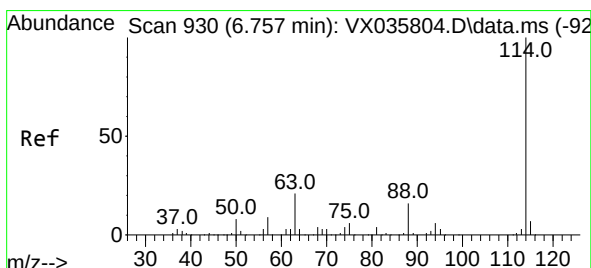
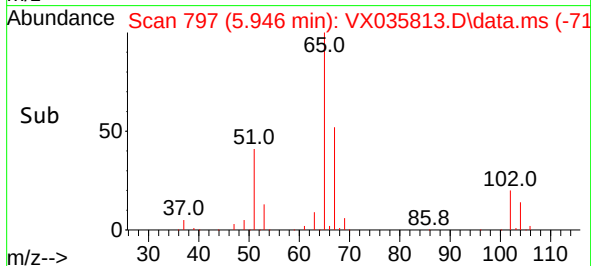
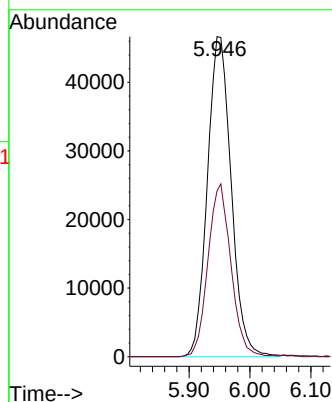
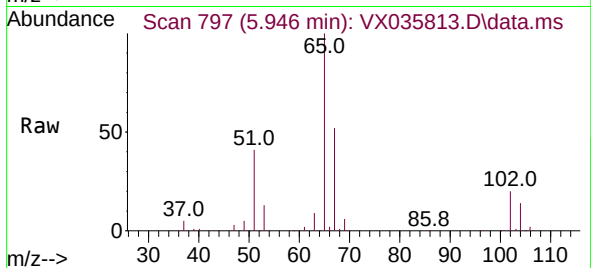




#27
 1,2-Dichloroethane-d4
 Concen: 28.488 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX035813.D
 Acq: 23 May 2023 14:57

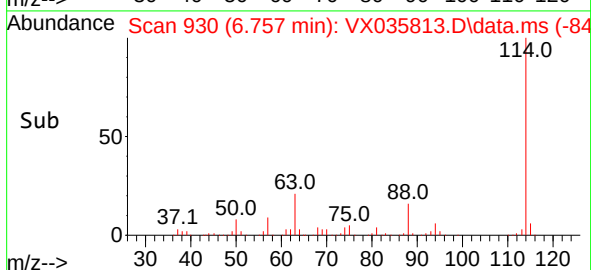
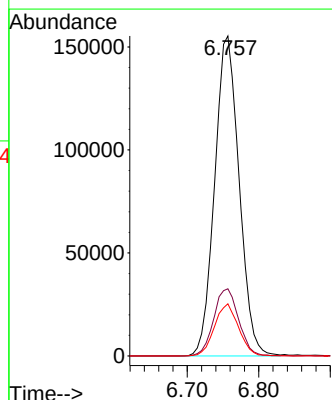
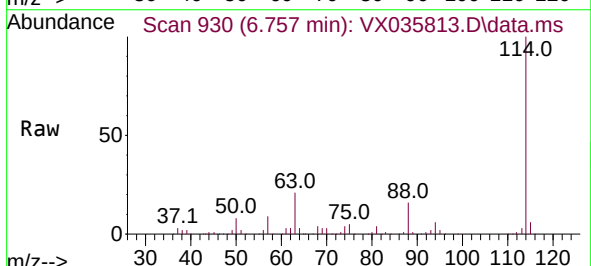
Instrument :
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 ClientSampleId :
 EFF-WW

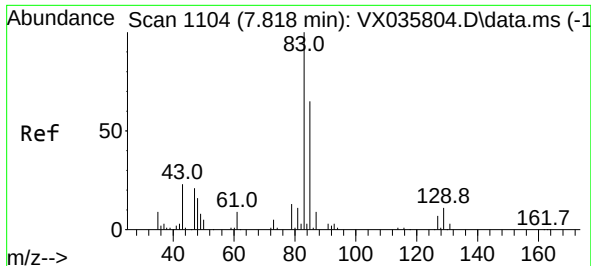
Tgt Ion: 65 Resp: 126709
 Ion Ratio Lower Upper
 65 100
 67 51.9 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX035813.D
 Acq: 23 May 2023 14:57

Tgt Ion: 114 Resp: 369073
 Ion Ratio Lower Upper
 114 100
 63 21.5 18.0 27.0
 88 16.0 13.3 19.9

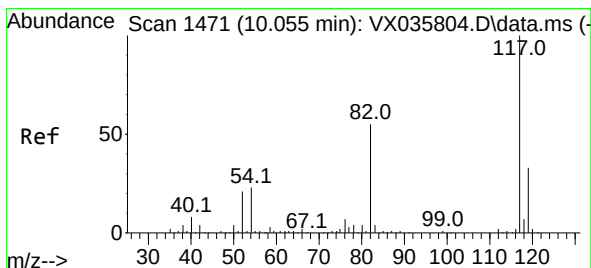
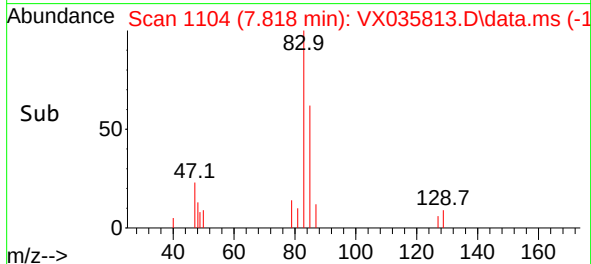
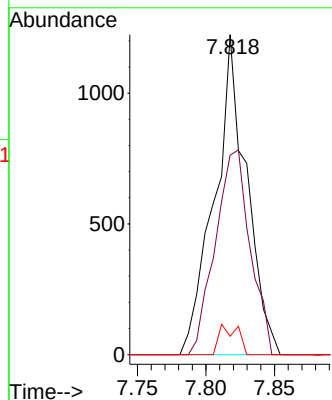
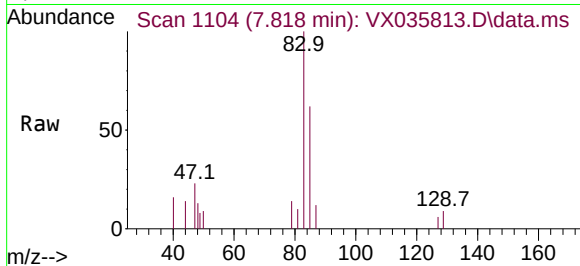




#41
Bromodichloromethane
Concen: 0.373 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035813.D
Acq: 23 May 2023 14:57

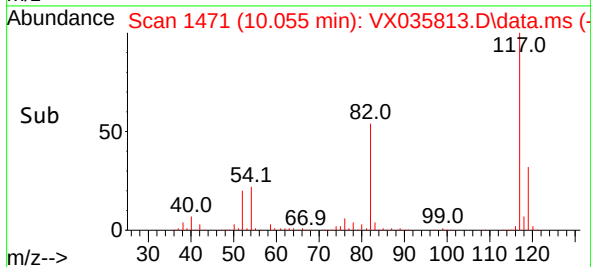
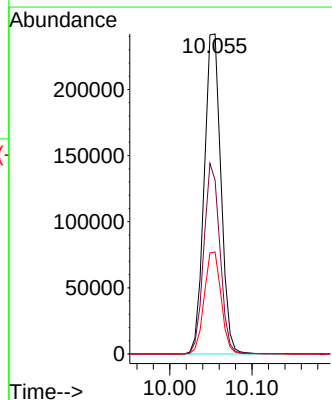
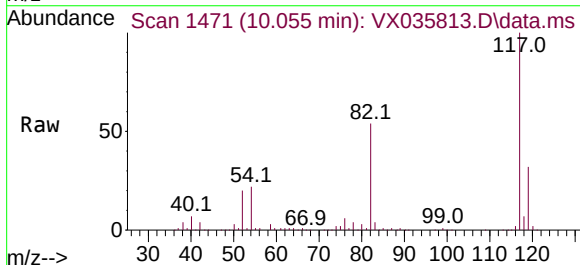
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

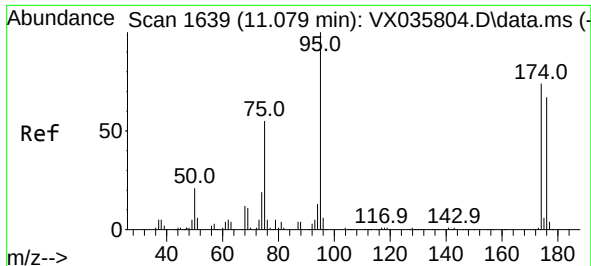
Tgt Ion: 83 Resp: 1992
Ion Ratio Lower Upper
83 100
85 62.3 51.1 76.7
127 5.7 8.2 12.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035813.D
Acq: 23 May 2023 14:57

Tgt Ion: 117 Resp: 341958
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.8
119 32.3 25.4 38.0

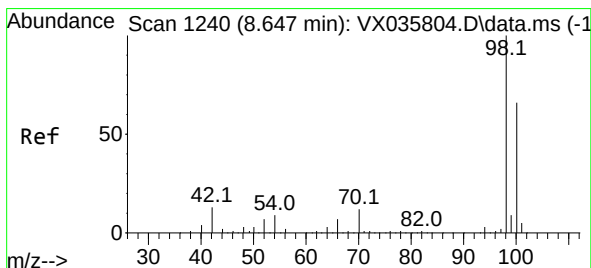
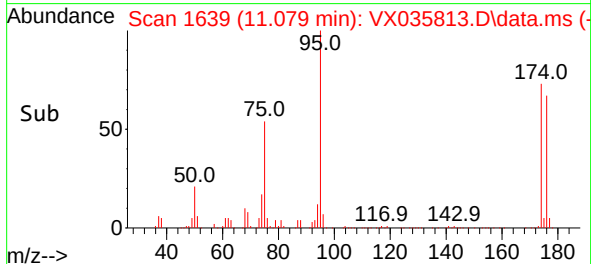
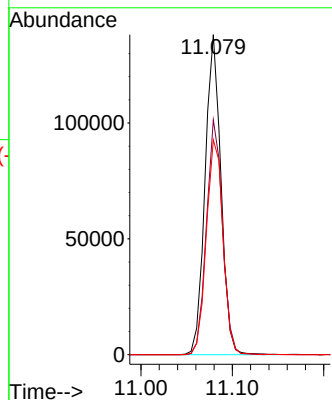
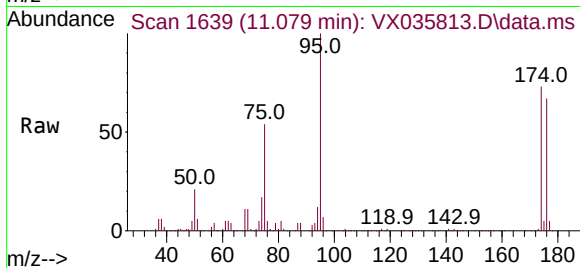




#60
4-Bromofluorobenzene
Concen: 28.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035813.D
Acq: 23 May 2023 14:57

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 95 Resp: 166025
Ion Ratio Lower Upper
95 100
174 74.1 0.2 0.4#
176 70.6 0.2 0.2#



#63
Toluene-d8
Concen: 30.187 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035813.D
Acq: 23 May 2023 14:57

Tgt Ion: 98 Resp: 456348
Ion Ratio Lower Upper
98 100
100 66.6 52.1 78.1

