

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021951.D
 Acq On : 13 May 2021 01:28
 Operator : JC/MD
 Sample : M2340-02 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: May 13 06:29:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

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

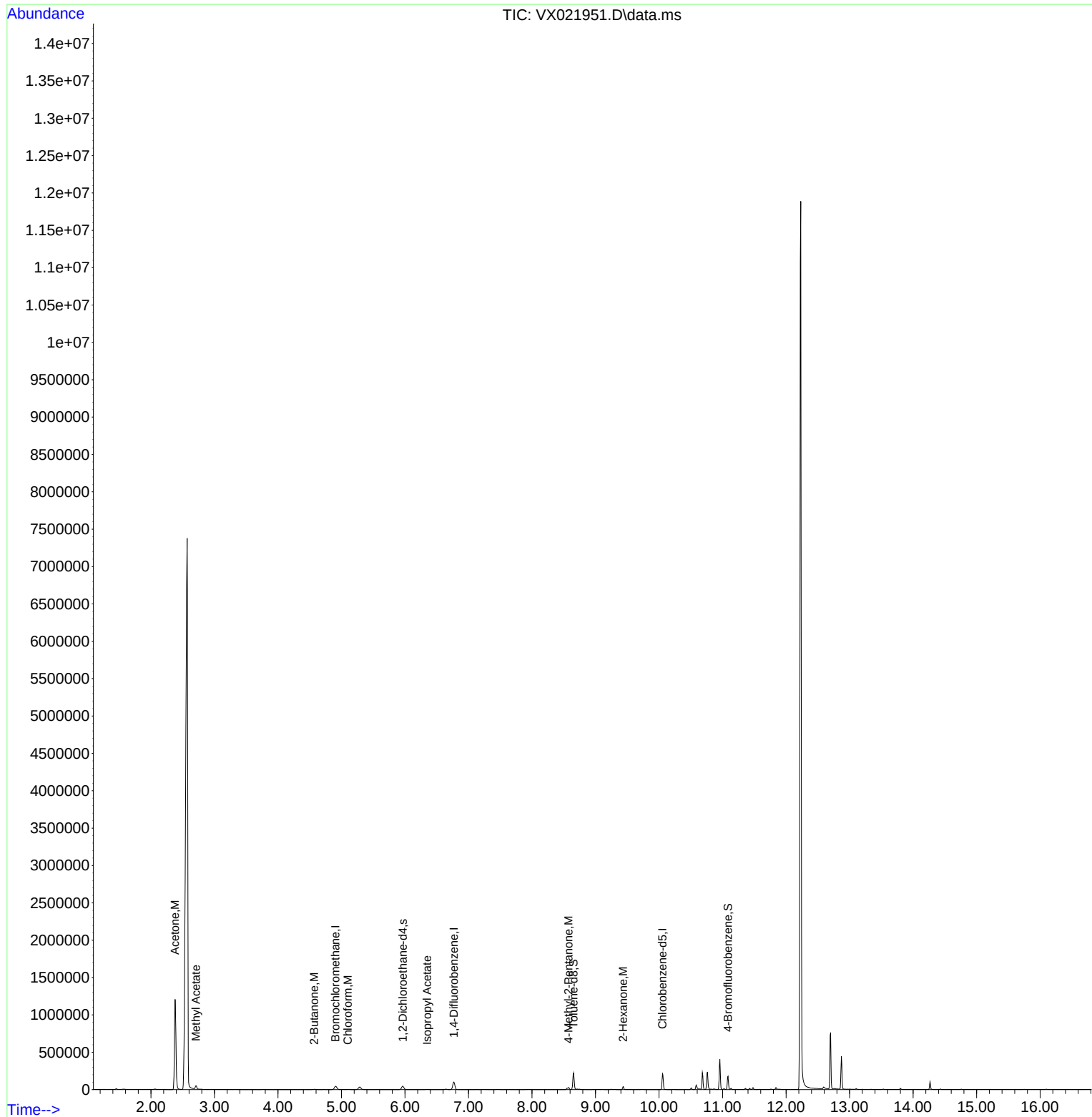
Internal Standards						
1) Bromochloromethane	4.903	128	17704	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	104317	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	92734	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	41591	30.50	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.67%
60) 4-Bromofluorobenzene	11.085	95	47305	30.74	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.47%
63) Toluene-d8	8.653	98	125572	29.63	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.77%
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.709	43	52331	35.96	ug/l	95
15) Acetone	2.379	58	414891	2340.81	ug/l	93
25) Chloroform	5.098	83	3942	1.86	ug/l	94
30) 2-Butanone	4.568	43	4623	5.00	ug/l #	75
44) Isopropyl Acetate	6.348	43	3632	1.17	ug/l #	82
58) 4-Methyl-2-Pentanone	8.573	43	22199	11.87	ug/l #	85
59) 2-Hexanone	9.433	43	19624	14.17	ug/l	98

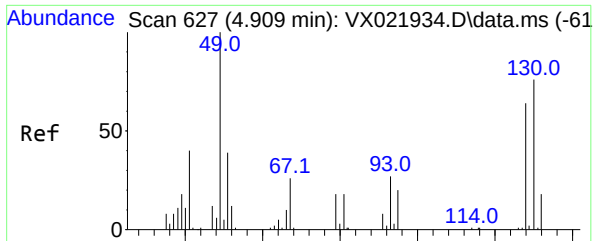
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
EFF-WW

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Response via : Initial Calibration

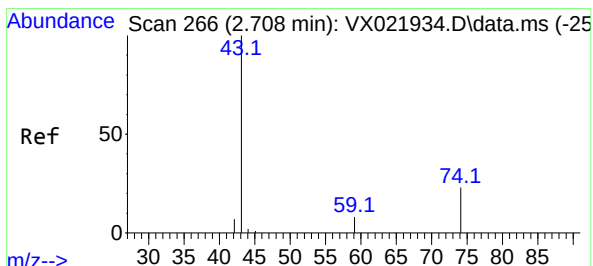
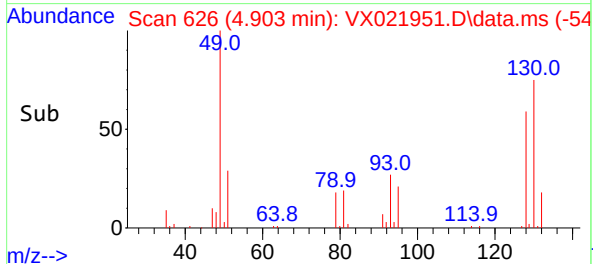
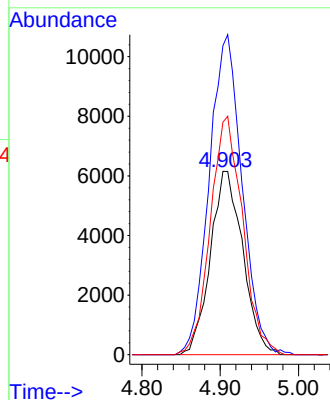
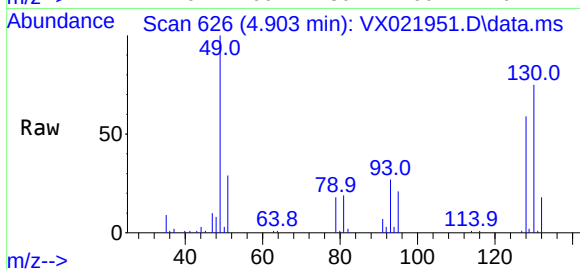




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX021951.D
Acq: 13 May 2021 01:28

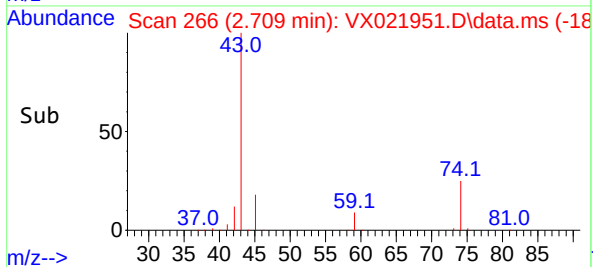
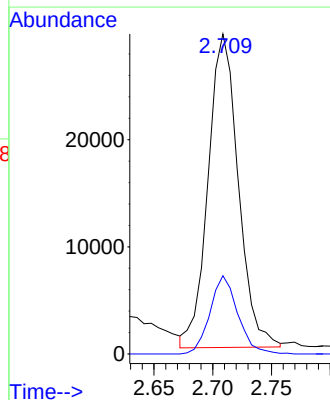
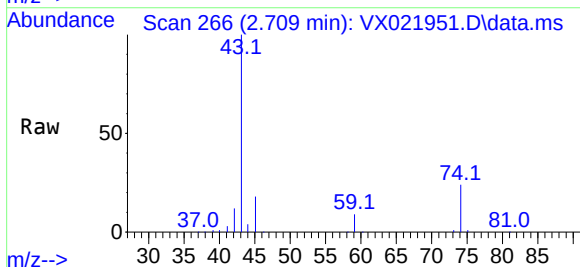
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

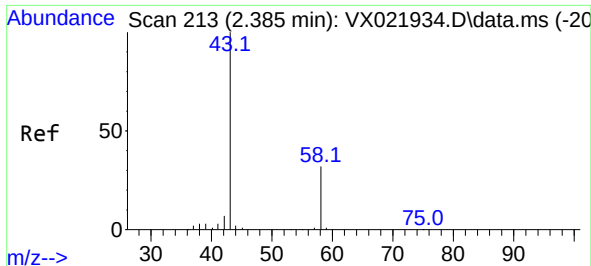
Tgt Ion:	128	Resp:	17704
Ion	Ratio	Lower	Upper
128	100		
49	175.9	0.0	442.5
130	129.5	0.0	323.3



#12
Methyl Acetate
Concen: 35.96 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX021951.D
Acq: 13 May 2021 01:28

Tgt Ion:	43	Resp:	52331
Ion	Ratio	Lower	Upper
43	100		
74	25.5	18.5	27.7

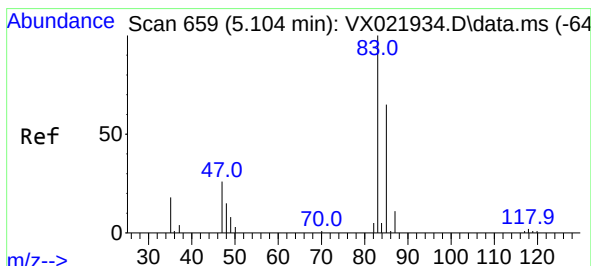
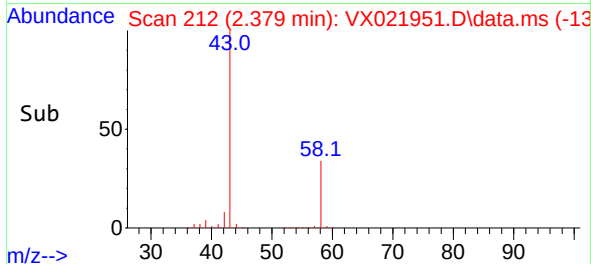
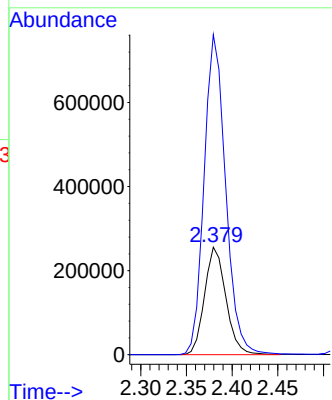
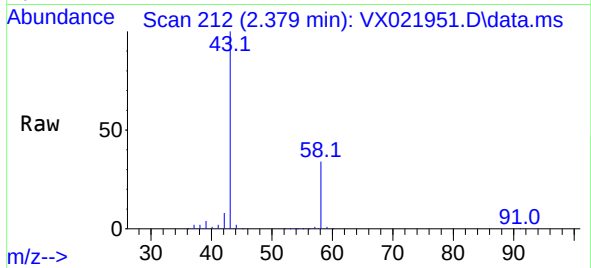




#15
Acetone
Concen: 2340.81 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX021951.D
Acq: 13 May 2021 01:28

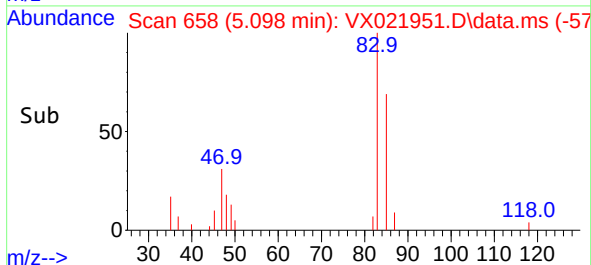
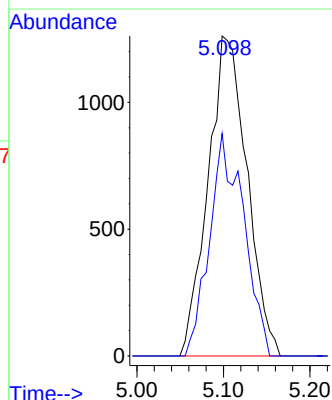
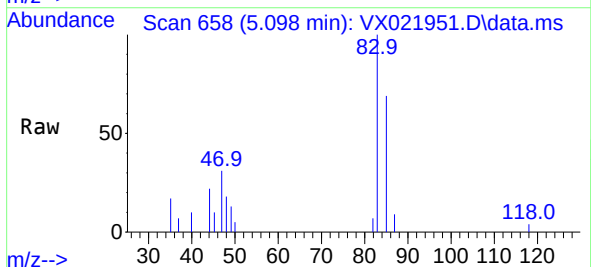
Instrument :
MSVOA_X
ClientSampled :
EFF-WW

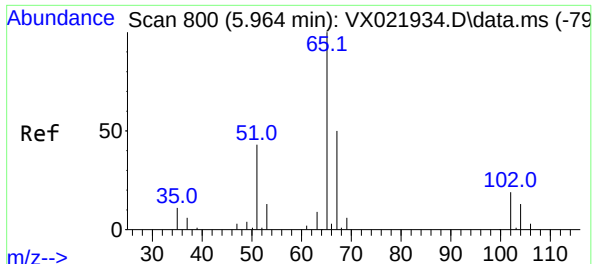
Tgt Ion: 58 Resp: 414891
Ion Ratio Lower Upper
58 100
43 297.8 249.5 374.3



#25
Chloroform
Concen: 1.86 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX021951.D
Acq: 13 May 2021 01:28

Tgt Ion: 83 Resp: 3942
Ion Ratio Lower Upper
83 100
85 69.5 51.9 77.9

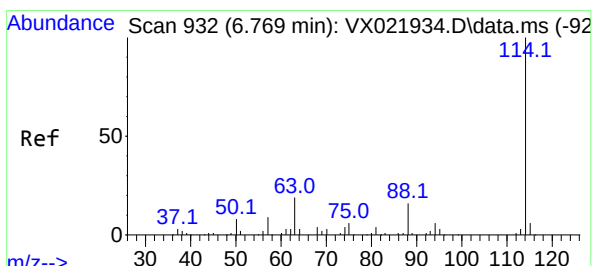
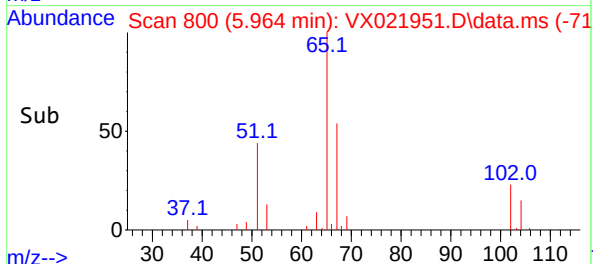
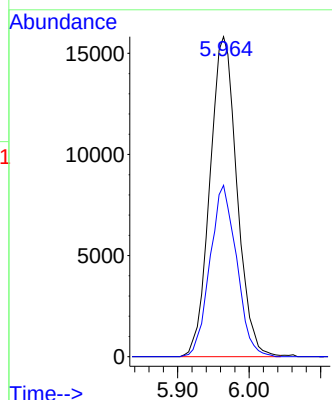
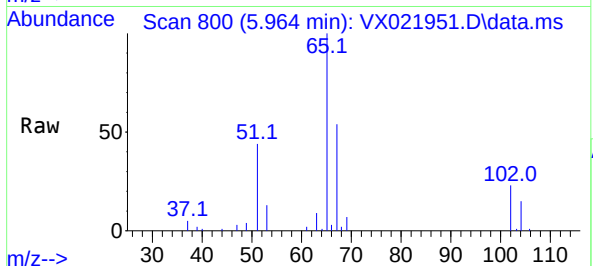




#27
1,2-Dichloroethane-d4
Concen: 30.50 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX021951.D
Acq: 13 May 2021 01:28

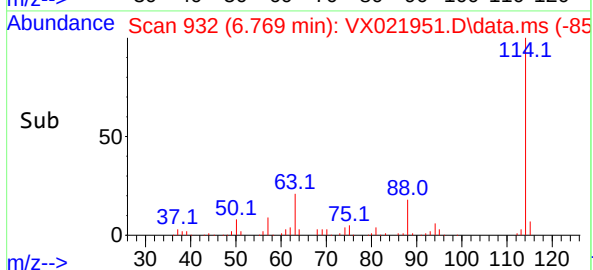
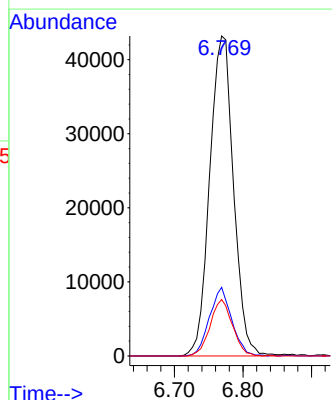
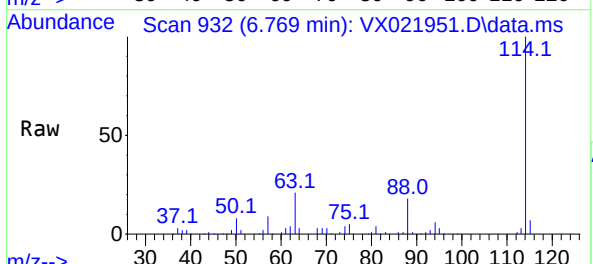
Instrument :
MSVOA_X
ClientSampled :
EFF-WW

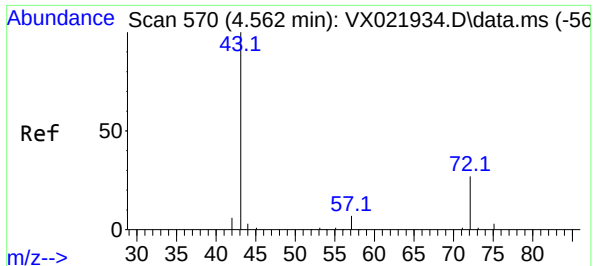
Tgt Ion: 65 Resp: 41591
Ion Ratio Lower Upper
65 100
67 52.7 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX021951.D
Acq: 13 May 2021 01:28

Tgt Ion:114 Resp: 104317
Ion Ratio Lower Upper
114 100
63 20.0 16.6 25.0
88 16.5 13.1 19.7





#30

2-Butanone

Concen: 5.00 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX021951.D

Acq: 13 May 2021 01:28

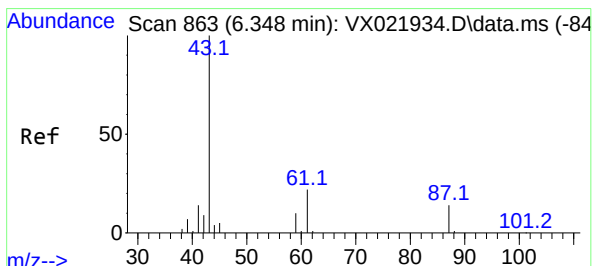
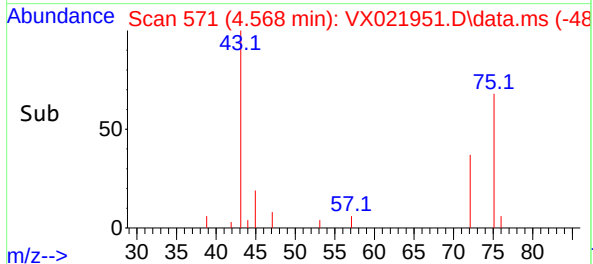
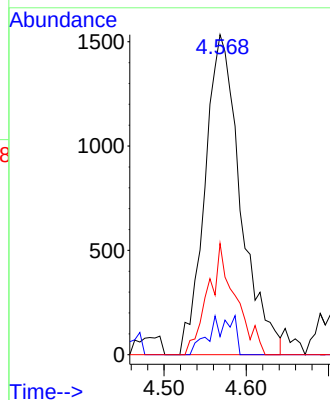
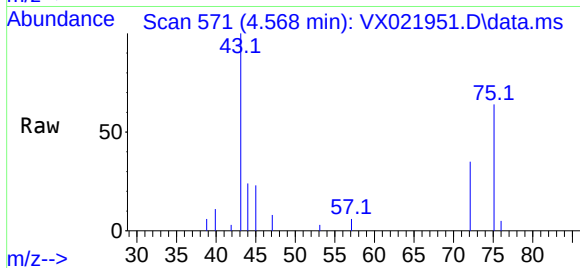
Tgt Ion: 43 Resp: 4623

Ion Ratio Lower Upper

43 100

57 3.8 6.4 9.6#

72 12.8 22.1 33.1#



#44

Isopropyl Acetate

Concen: 1.17 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX021951.D

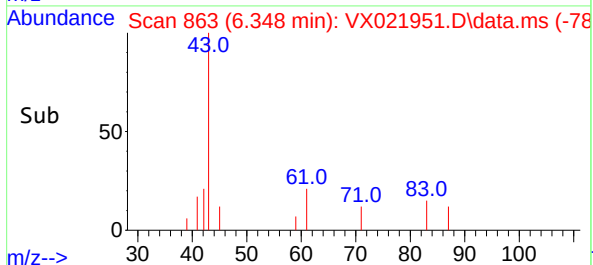
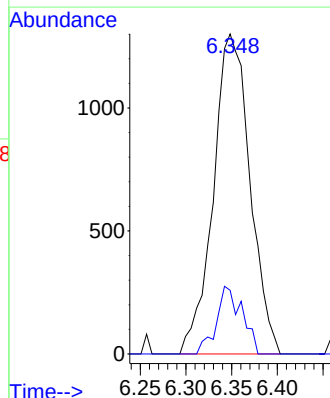
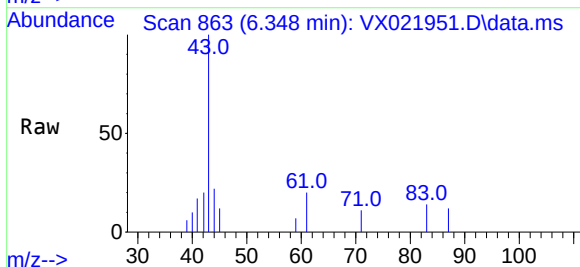
Acq: 13 May 2021 01:28

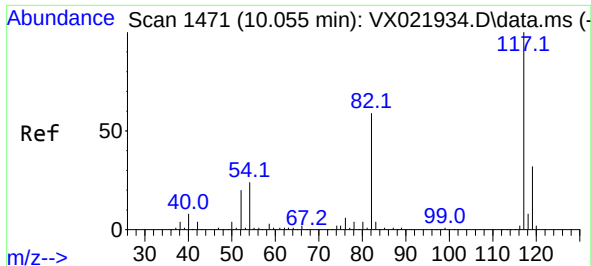
Tgt Ion: 43 Resp: 3632

Ion Ratio Lower Upper

43 100

61 12.9 17.0 25.4#



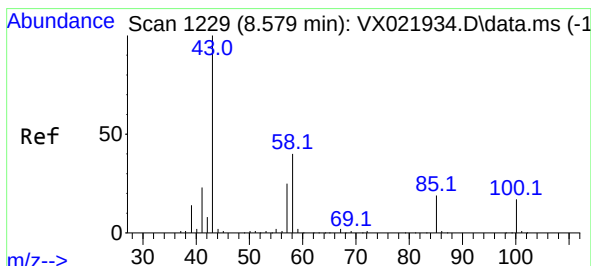
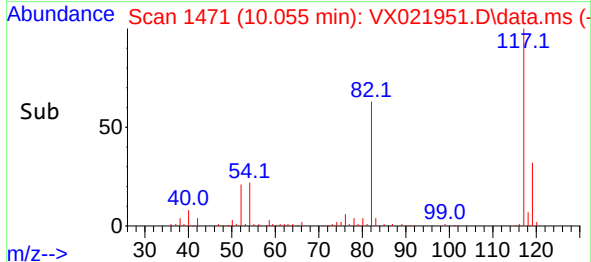
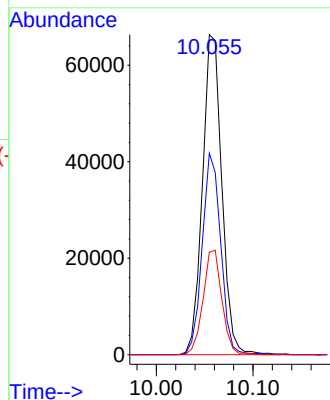
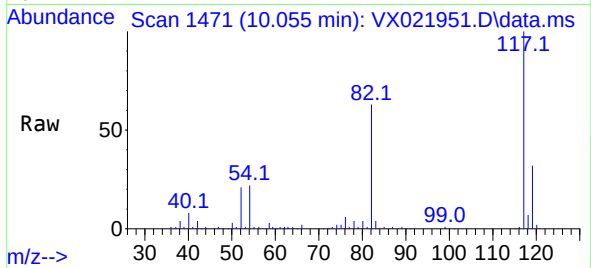


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX021951.D
Acq: 13 May 2021 01:28

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion:117 Resp: 92734

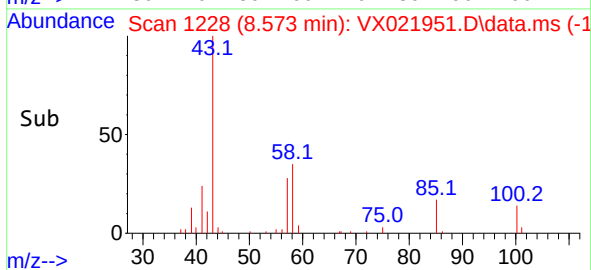
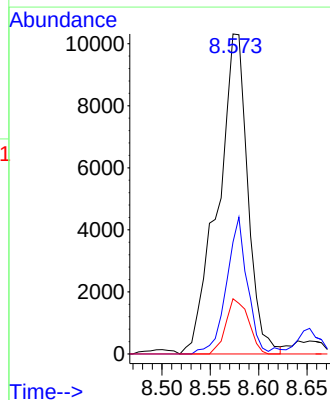
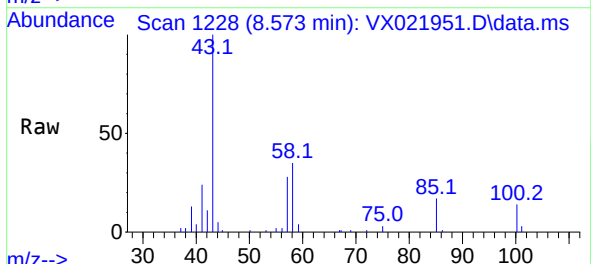
Ion	Ratio	Lower	Upper
117	100		
82	59.4	44.9	67.3
119	31.4	25.0	37.6

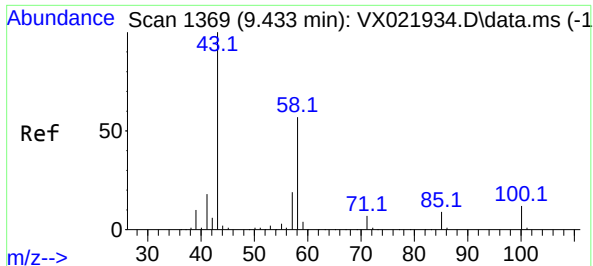


#58
4-Methyl-2-Pentanone
Concen: 11.87 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX021951.D
Acq: 13 May 2021 01:28

Tgt Ion: 43 Resp: 22199

Ion	Ratio	Lower	Upper
43	100		
58	29.7	31.8	47.6#
85	13.0	14.9	22.3#



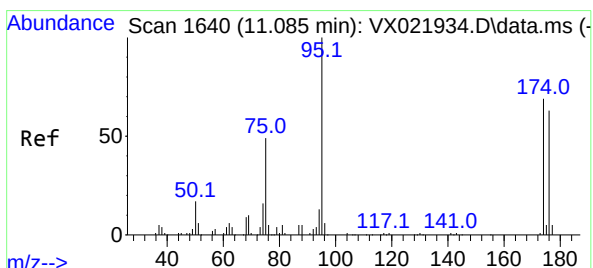
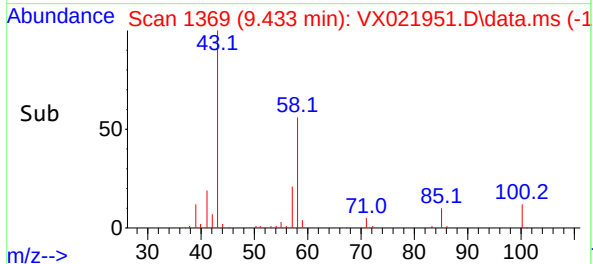
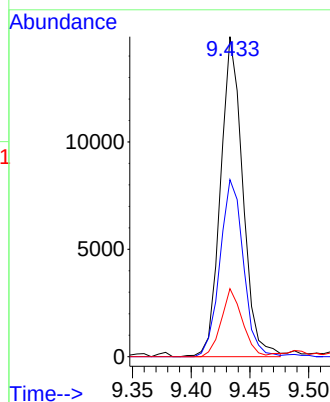
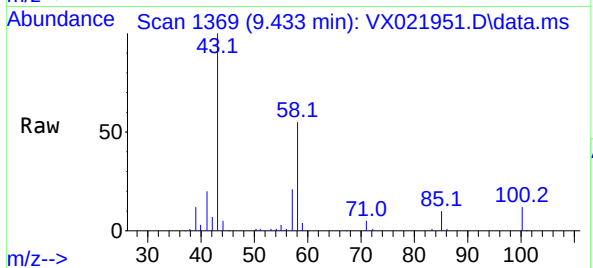


#59
2-Hexanone
Concen: 14.17 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX021951.D
Acq: 13 May 2021 01:28

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 43 Resp: 19624

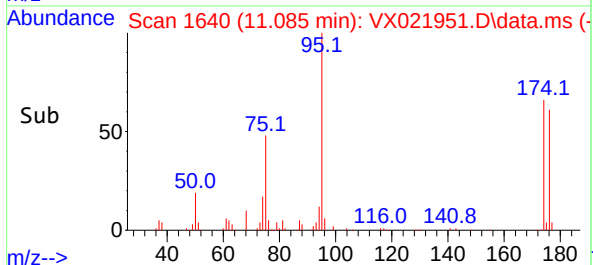
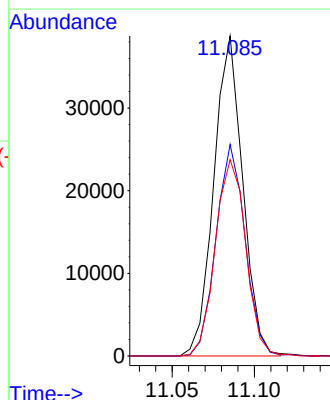
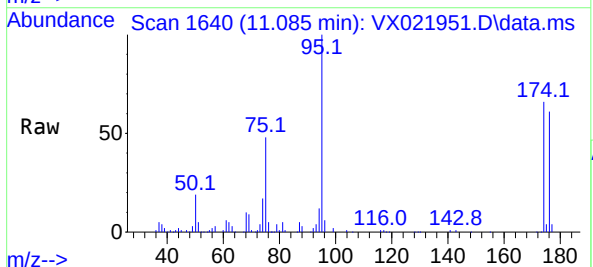
Ion	Ratio	Lower	Upper
43	100		
58	58.2	45.3	67.9
57	20.2	15.0	22.6

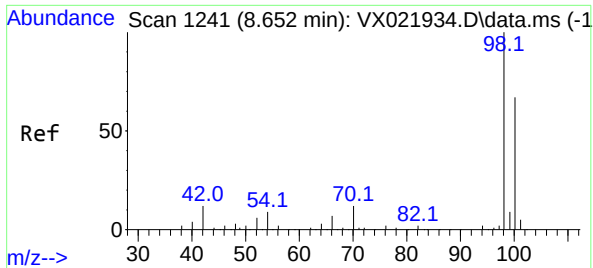


#60
4-Bromofluorobenzene
Concen: 30.74 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021951.D
Acq: 13 May 2021 01:28

Tgt Ion: 95 Resp: 47305

Ion	Ratio	Lower	Upper
95	100		
174	66.5	52.2	78.2
176	64.6	49.3	73.9





#63
Toluene-d8
Concen: 29.63 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX021951.D
Acq: 13 May 2021 01:28

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 98 Resp: 125572
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8

