

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031921\
 Data File : VX021290.D
 Acq On : 18 Mar 2021 20:27
 Operator : JC/MD
 Sample : M1710-02 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Mar 19 02:54:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 12:55:27 2021
 Response via : Initial Calibration

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

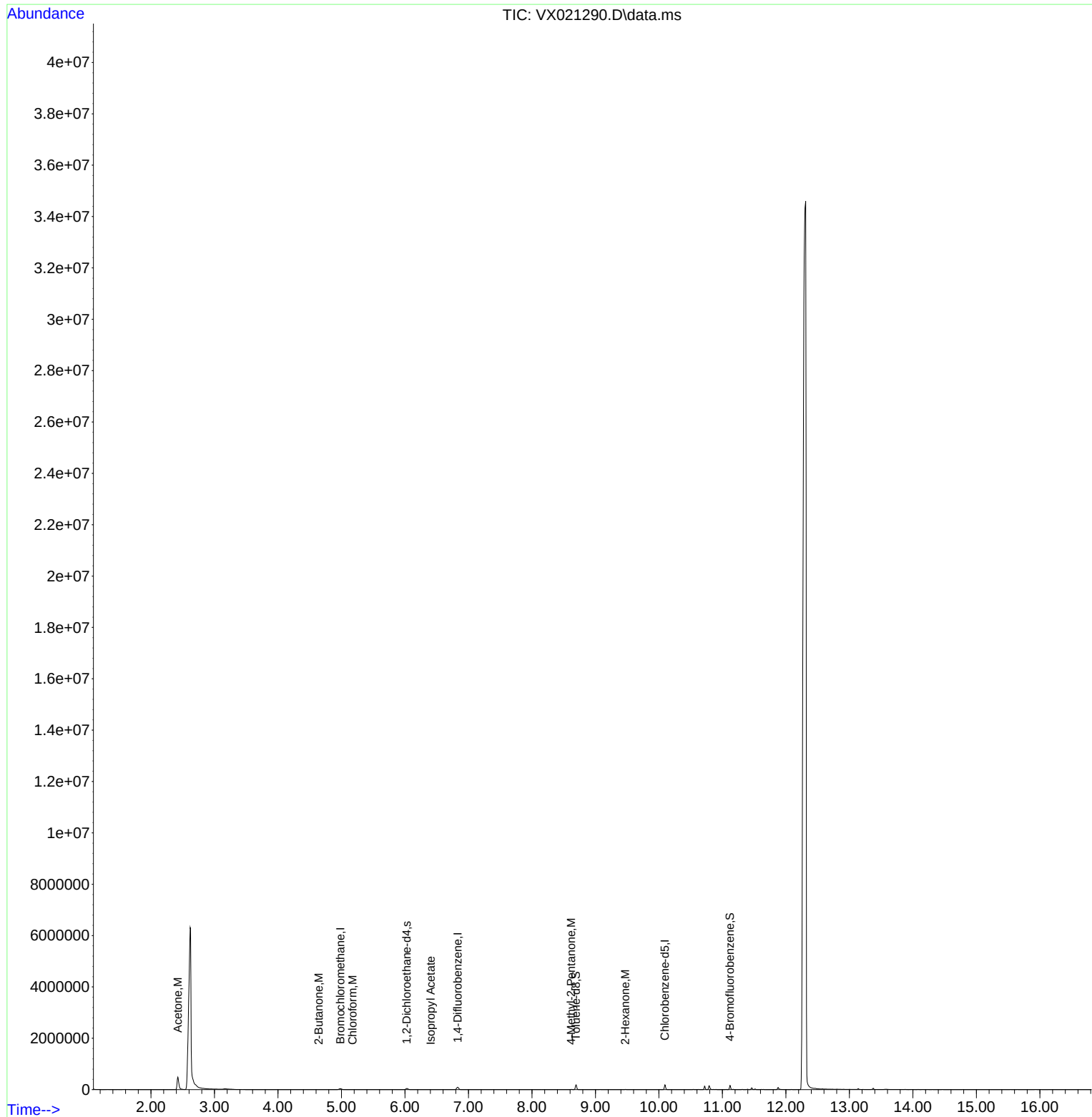
Internal Standards						
1) Bromochloromethane	4.982	128	15174	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	86258	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	78424	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.029	65	43067	30.84	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.80%
60) 4-Bromofluorobenzene	11.118	95	40964	28.57	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.23%
63) Toluene-d8	8.694	98	106012	29.80	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.33%
Target Compounds						
						Qvalue
15) Acetone	2.422	58	176161	1232.61	ug/l #	68
25) Chloroform	5.176	83	2539	1.31	ug/l #	79
30) 2-Butanone	4.640	43	2242	2.79	ug/l #	71
44) Isopropyl Acetate	6.405	43	1637m	0.61	ug/l	
58) 4-Methyl-2-Pentanone	8.617	43	6538	4.12	ug/l #	88
59) 2-Hexanone	9.470	43	6172	5.16	ug/l	86

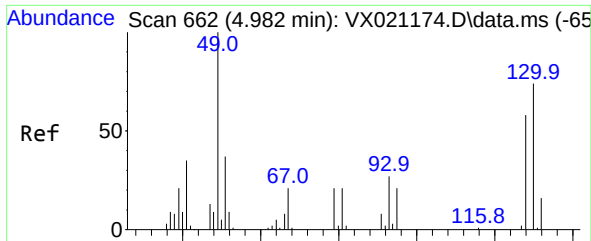
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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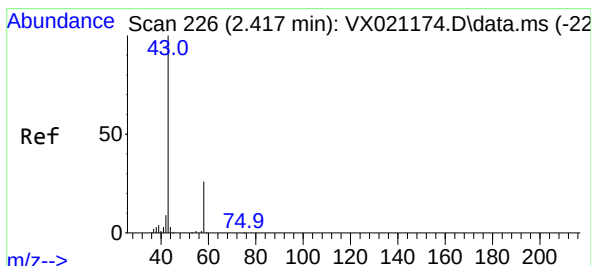
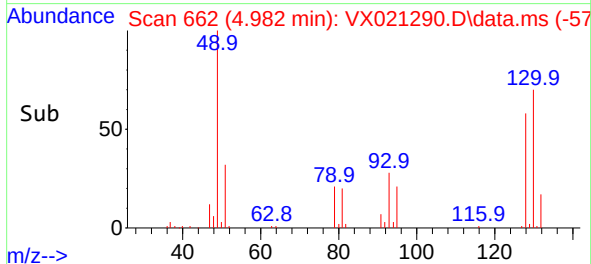
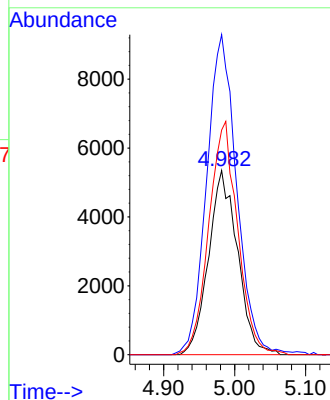
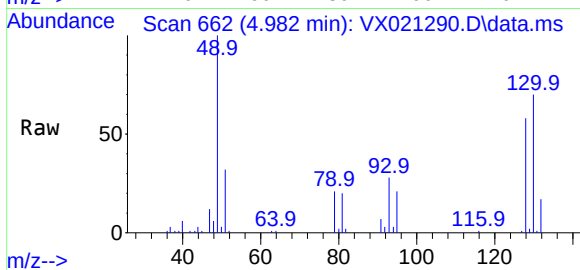




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.982 min Scan# 662
Delta R.T. -0.000 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

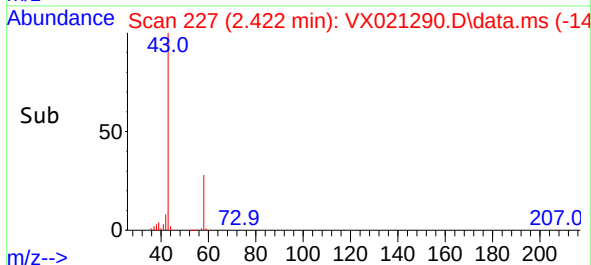
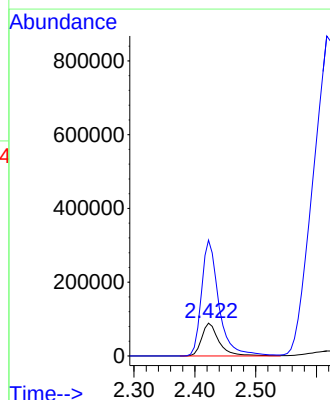
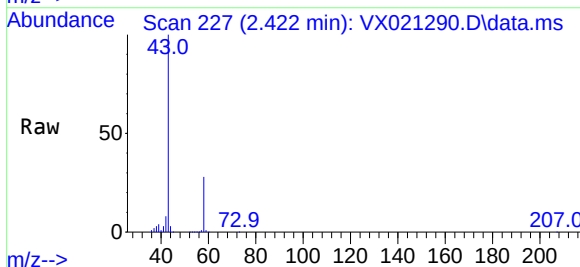
Instrument :
MSVOA_X
ClientSampled :
EFF-WW

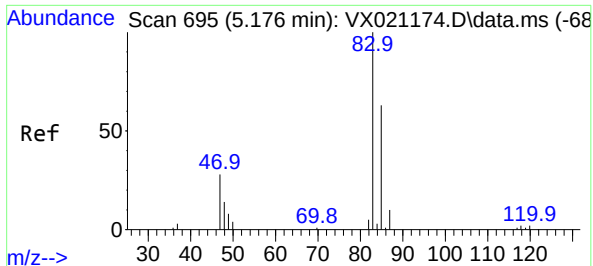
Tgt Ion:128 Resp: 15174
Ion Ratio Lower Upper
128 100
49 178.8 0.0 367.5
130 125.8 0.0 318.8



#15
Acetone
Concen: 1232.61 ug/l
RT: 2.422 min Scan# 227
Delta R.T. 0.005 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

Tgt Ion: 58 Resp: 176161
Ion Ratio Lower Upper
58 100
43 352.2 232.6 348.8#



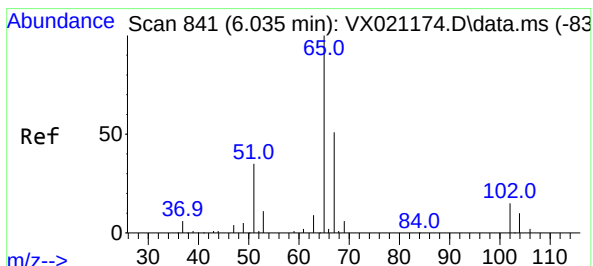
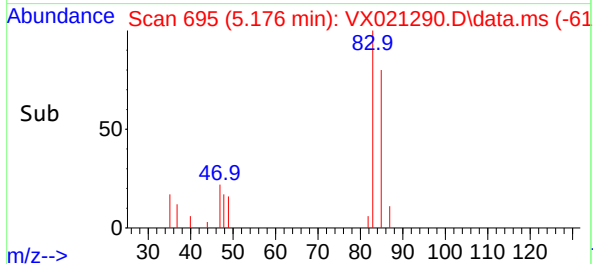
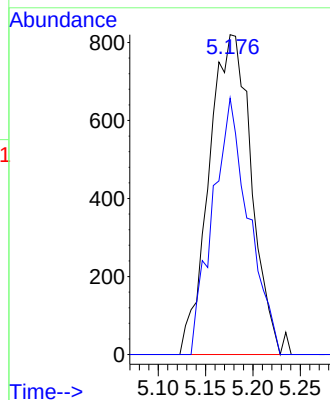
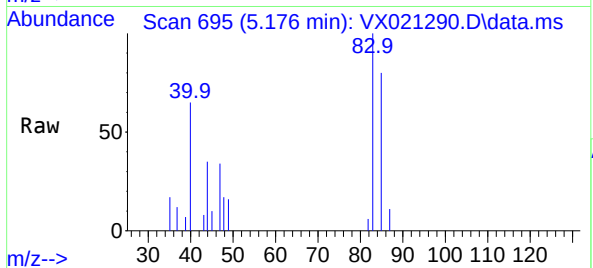


#25

Chloroform
Concen: 1.31 ug/l
RT: 5.176 min Scan# 695
Delta R.T. -0.000 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

Instrument :
MSVOA_X
ClientSampled :
EFF-WW

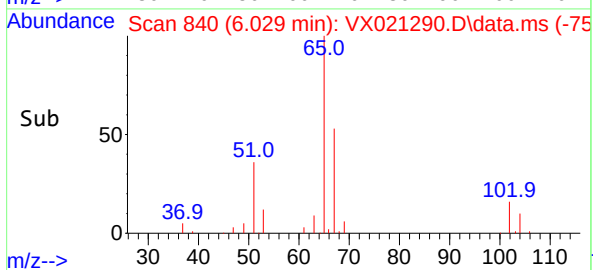
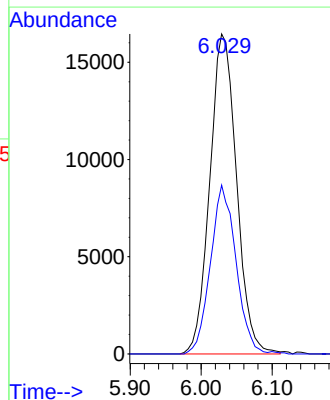
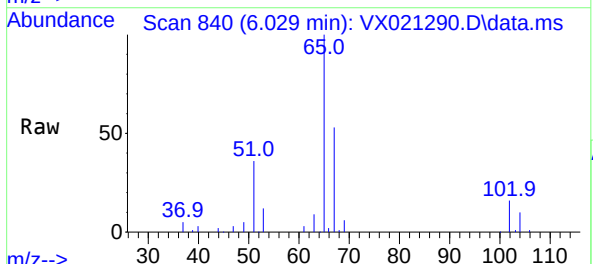
Tgt Ion: 83 Resp: 2539
Ion Ratio Lower Upper
83 100
85 80.1 51.2 76.8#

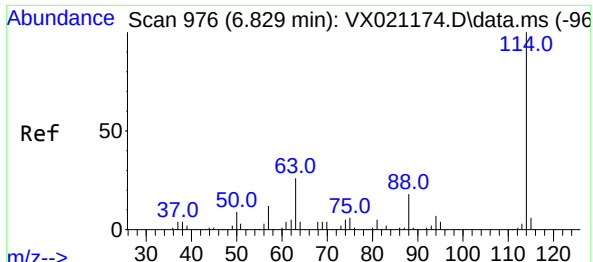


#27

1,2-Dichloroethane-d4
Concen: 30.84 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.006 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

Tgt Ion: 65 Resp: 43067
Ion Ratio Lower Upper
65 100
67 50.3 41.9 62.9



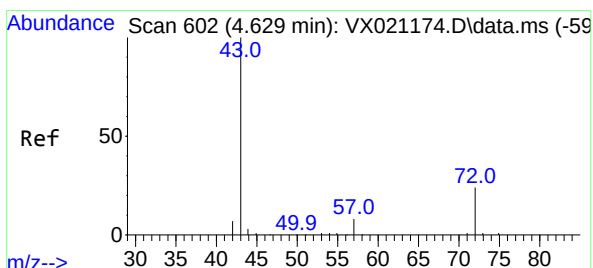
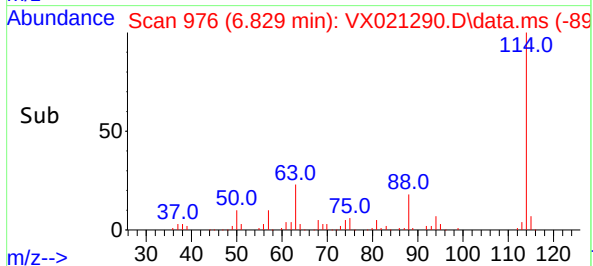
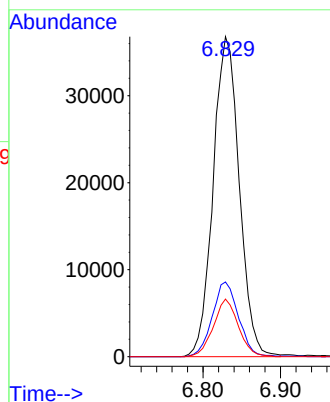
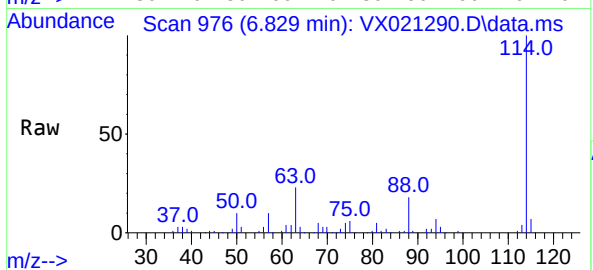


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion:114 Resp: 86258

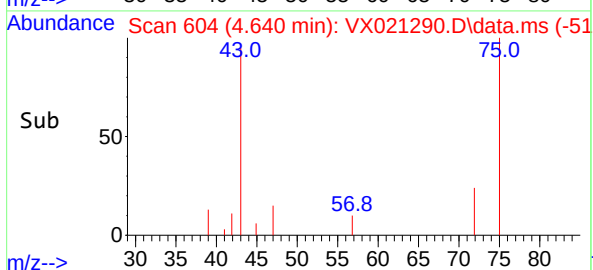
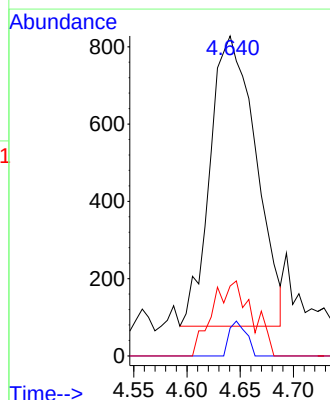
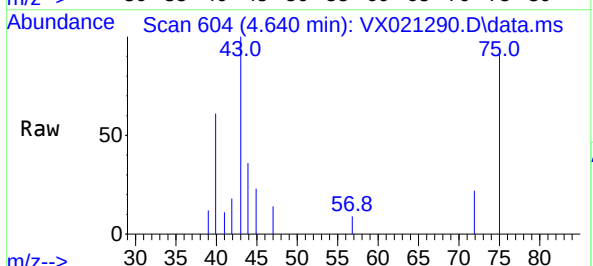
Ion	Ratio	Lower	Upper
114	100		
63	23.4	16.2	24.2
88	17.2	13.0	19.6

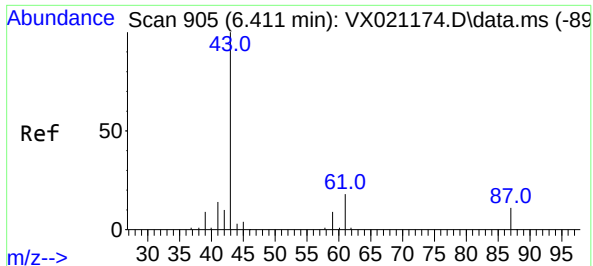


#30
2-Butanone
Concen: 2.79 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.011 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

Tgt Ion: 43 Resp: 2242

Ion	Ratio	Lower	Upper
43	100		
57	4.5	7.2	10.8#
72	11.1	23.7	35.5#

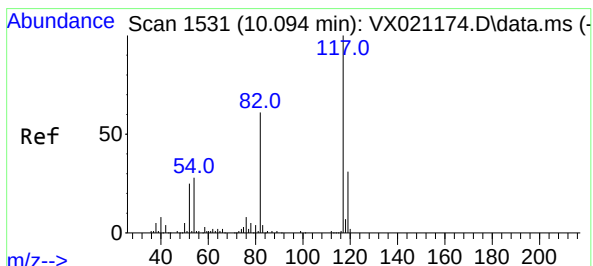
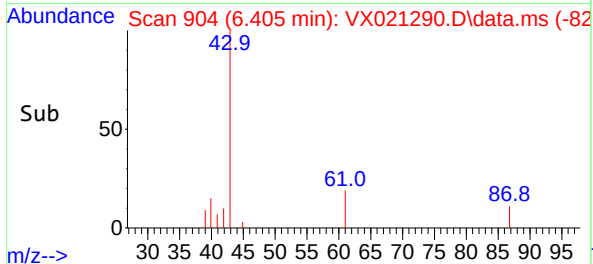
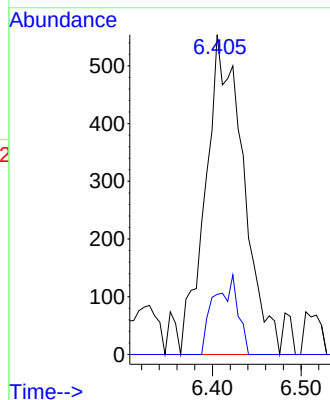
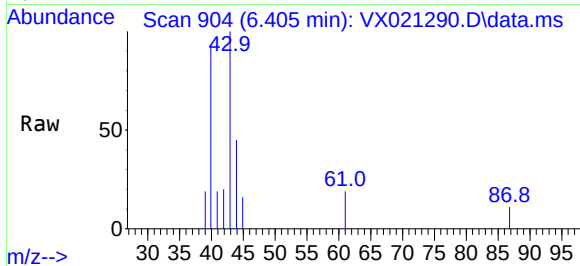




#44
Isopropyl Acetate
Concen: 0.61 ug/l m
RT: 6.405 min Scan# 904
Delta R.T. -0.006 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

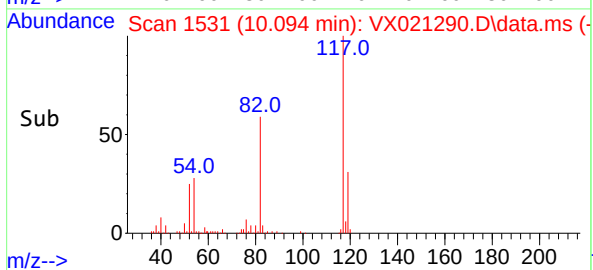
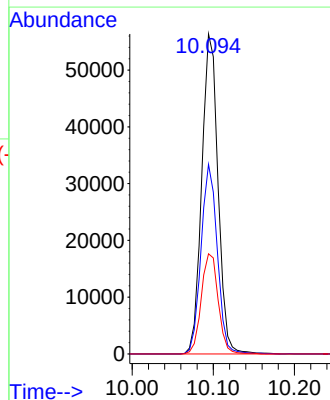
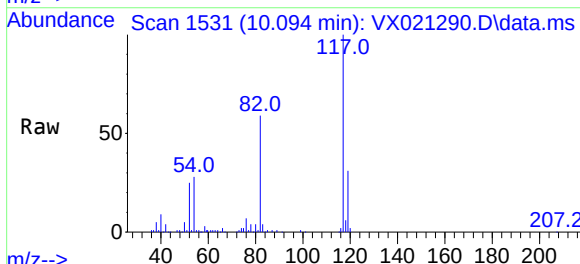
Instrument :
MSVOA_X
ClientSampled :
EFF-WW

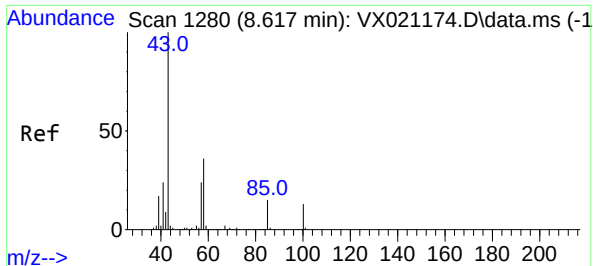
Tgt Ion: 43 Resp: 1637
Ion Ratio Lower Upper
43 100
61 10.0 18.1 27.1#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

Tgt Ion: 117 Resp: 78424
Ion Ratio Lower Upper
117 100
82 59.3 45.0 67.6
119 32.6 25.6 38.4

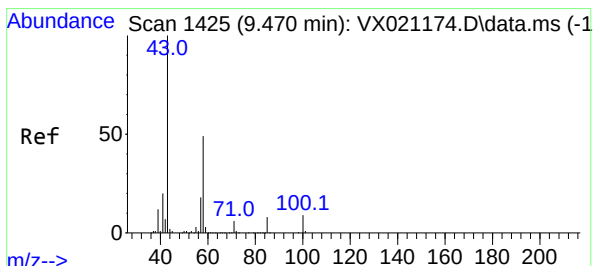
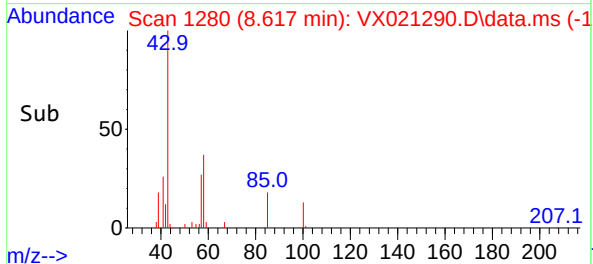
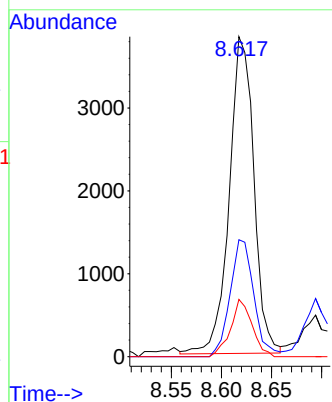
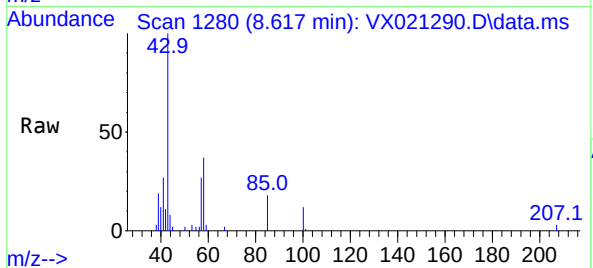




#58
4-Methyl-2-Pentanone
Concen: 4.12 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

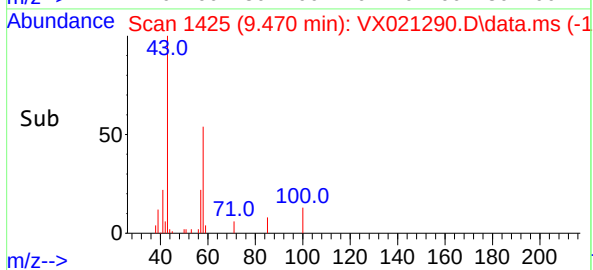
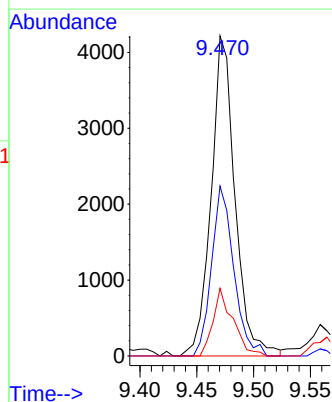
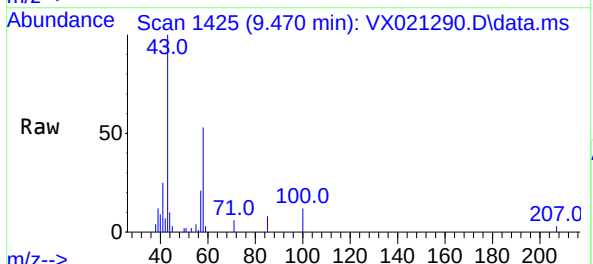
Instrument :
MSVOA_X
ClientSampled :
EFF-WW

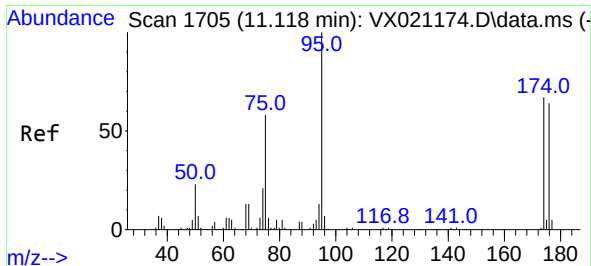
Tgt Ion:	43	Resp:	6538
Ion	Ratio	Lower	Upper
43	100		
58	35.6	35.2	52.8
85	15.8	16.8	25.2#



#59
2-Hexanone
Concen: 5.16 ug/l
RT: 9.470 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

Tgt Ion:	43	Resp:	6172
Ion	Ratio	Lower	Upper
43	100		
58	49.4	49.0	73.6
57	17.4	17.1	25.7

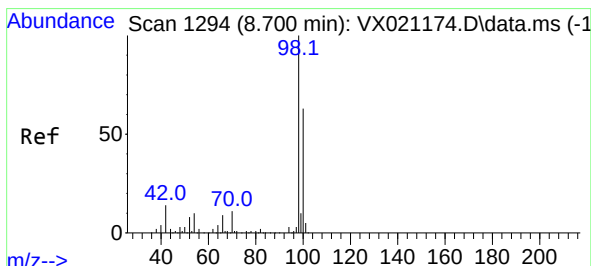
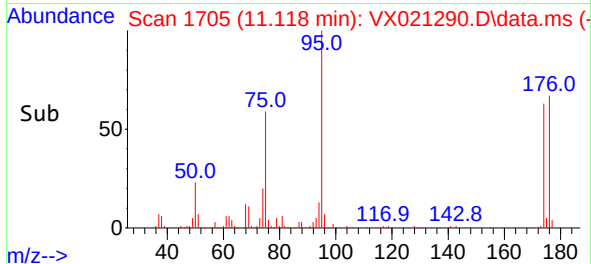
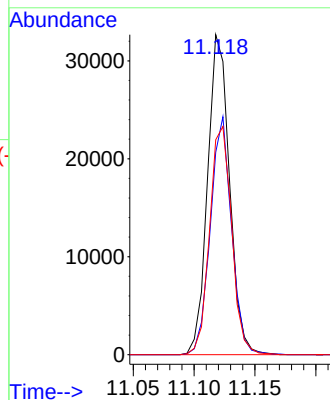
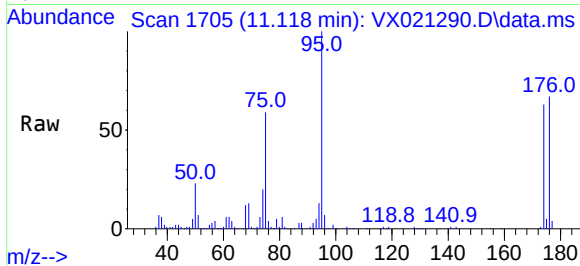




#60
4-Bromofluorobenzene
Concen: 28.57 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 95 Resp: 40964
Ion Ratio Lower Upper
95 100
174 71.7 63.0 94.4
176 71.7 59.9 89.9



#63
Toluene-d8
Concen: 29.80 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VX021290.D
Acq: 18 Mar 2021 20:27

Tgt Ion: 98 Resp: 106012
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4

