

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032620\
 Data File : VX015360.D
 Acq On : 26 Mar 2020 15:52
 Operator : JC/SP
 Sample : L2014-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Manual Integrations
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Quant Time: Mar 27 08:19:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	192158	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1100046	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	998693	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	468144	31.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.93%
60) 4-Bromofluorobenzene	11.12	95	528176	30.90	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.00%
63) Toluene-d8	8.70	98	1301533	30.67	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.23%

Target Compounds

					Ovalue
15) Acetone	2.42	58	10616377m	6369.657	ug/l
20) Diisopropyl ether	3.83	45	286767	6.768	ug/l # 74
25) Chloroform	5.18	83	30834	1.442	ug/l 97
44) Isopropyl Acetate	6.42	43	269831	7.780	ug/l 99
58) 4-Methyl-2-Pentanone	8.62	43	172258m	9.012	ug/l
59) 2-Hexanone	9.48	43	32466	2.233	ug/l 96
89) 1,2,4-Trichlorobenzene	13.63	180	14606	0.679	ug/l 90
90) Hexachlorobutadiene	13.77	225	6453	0.570	ug/l 93
91) Naphthalene	13.82	128	21695	0.348	ug/l 94

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

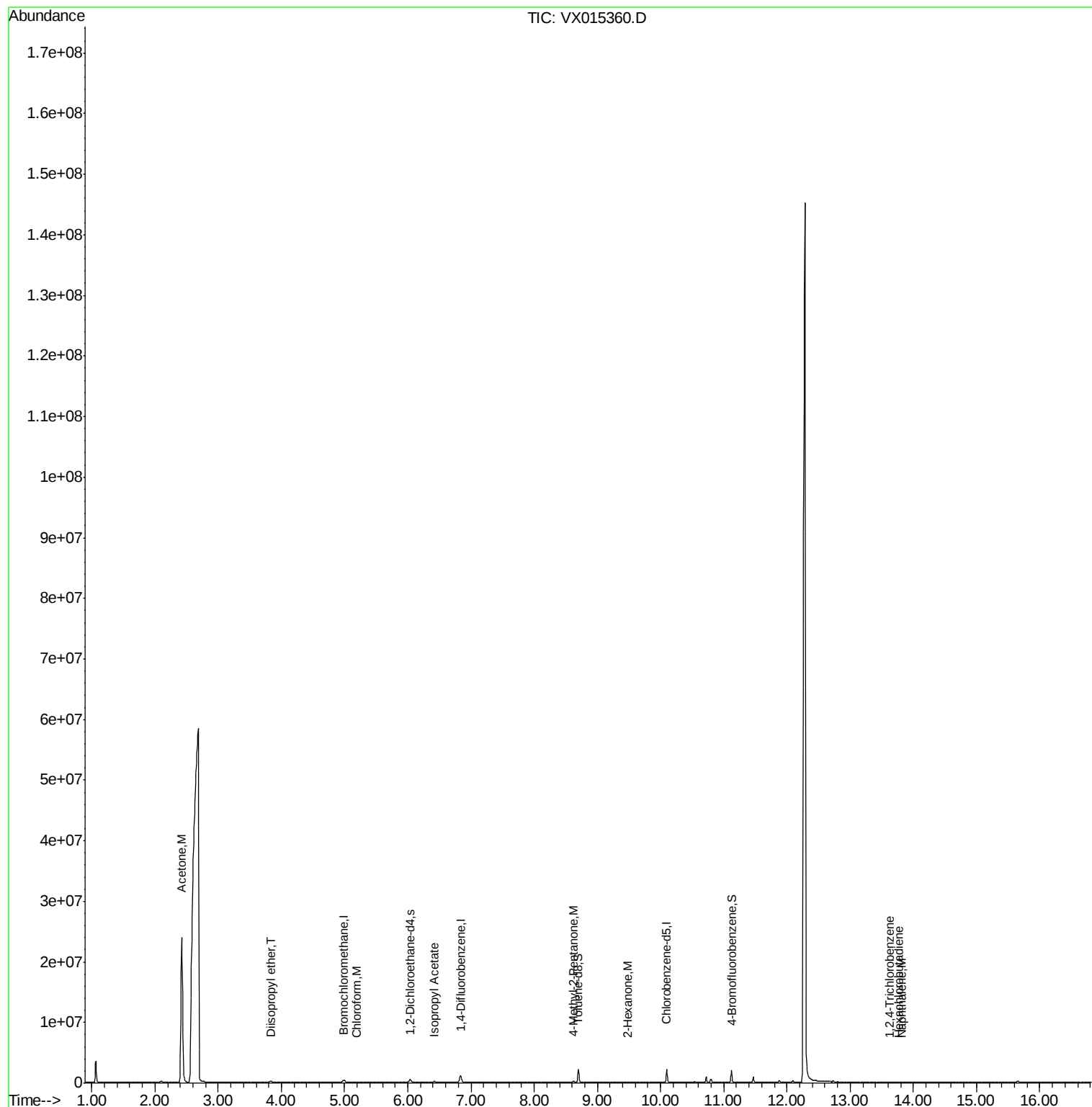
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032620\
Data File : VX015360.D
Acq On : 26 Mar 2020 15:52
Operator : JC/SP
Sample : L2014-02 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

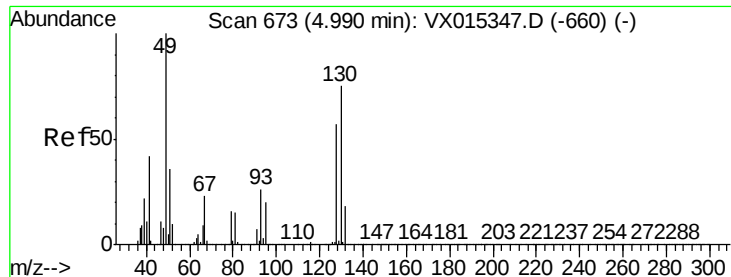
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

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Quant Time: Mar 27 08:19:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration





#1

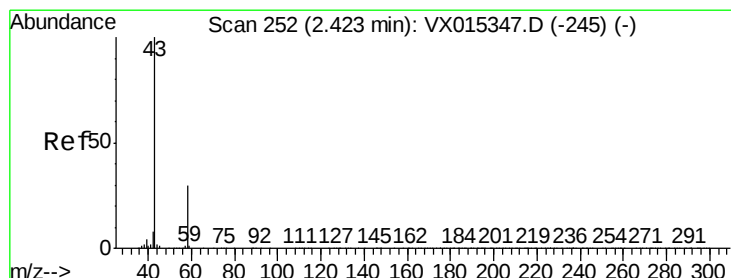
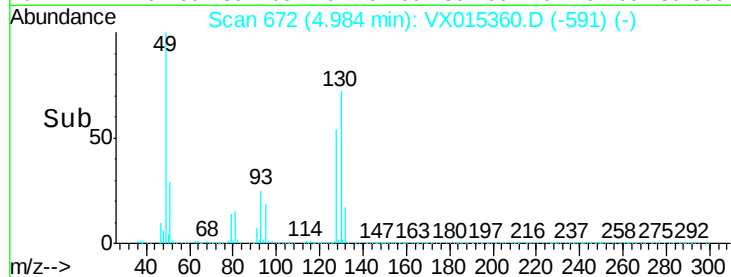
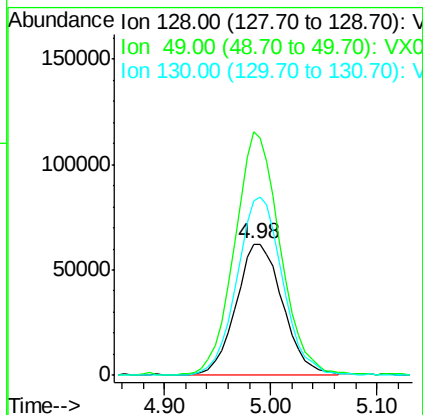
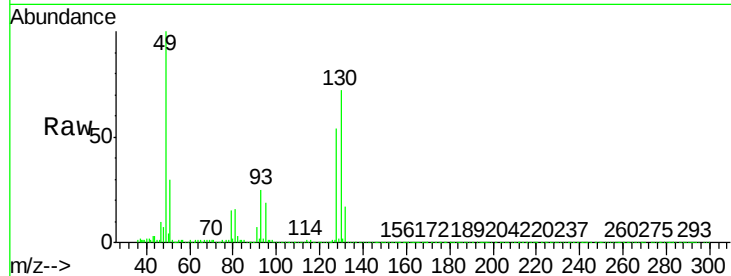
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: VX015360.D
 Acq: 26 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampled :
 EFF-WW

Tot Ion	Ratio	Resp	Lower	Upper
128	100	192158		
49	176.6	0.0	428.0	
130	131.8	0.0	324.5	

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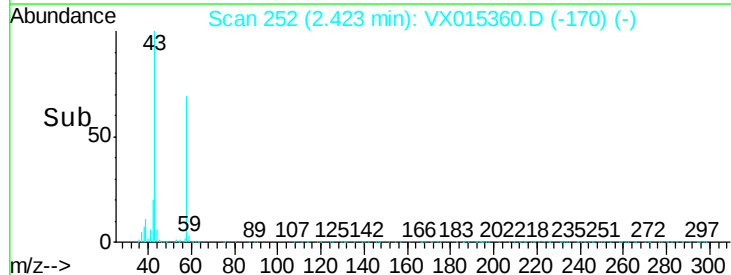
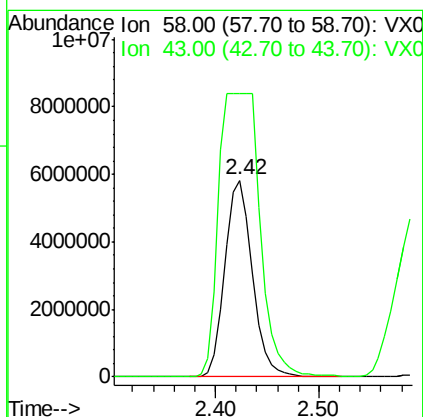
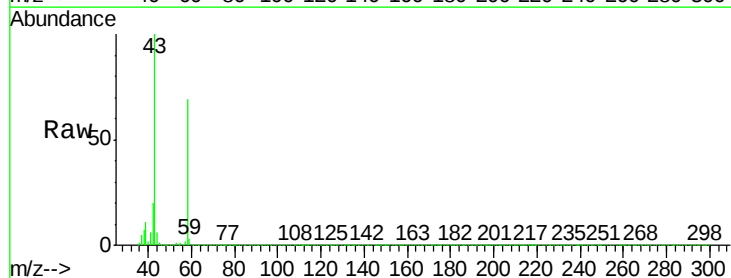
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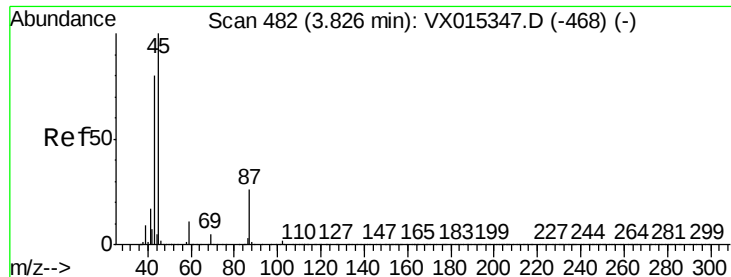


#15

Acetone
 Concen: 6369.657 ug/l m
 RT: 2.42 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VX015360.D
 Acq: 26 Mar 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
58	100	10616377		
43	144.1	267.8	401.8#	





#20

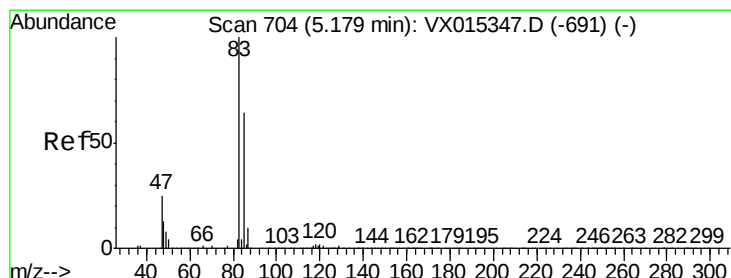
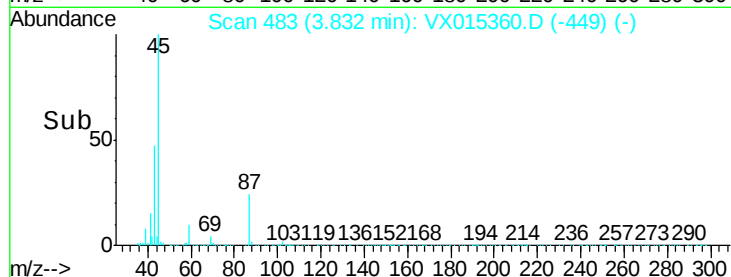
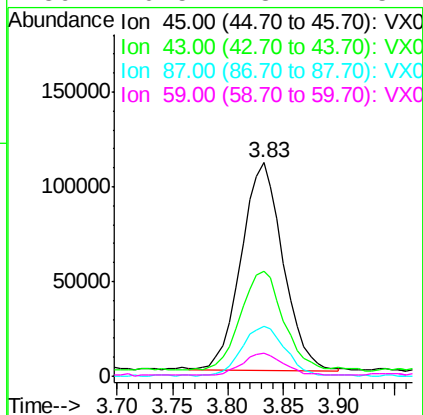
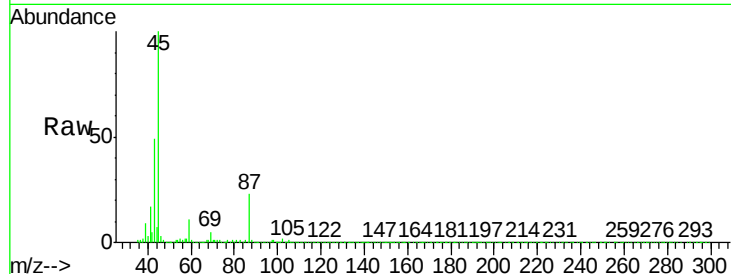
Diisopropyl ether
Concen: 6.768 ug/l
RT: 3.83 min Scan# 483
Delta R.T. 0.01 min
Lab File: VX015360.D
Acq: 26 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
45	100		
43	47.8	64.4	96.6#
87	23.8	20.4	30.6
59	10.5	8.7	13.1

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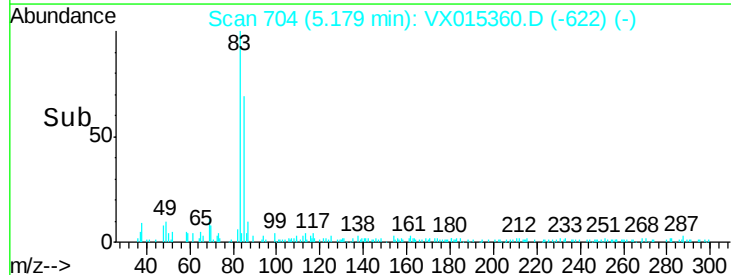
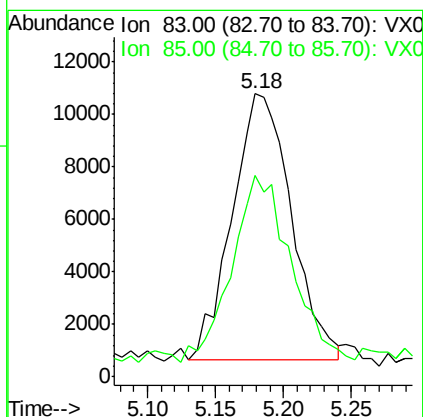
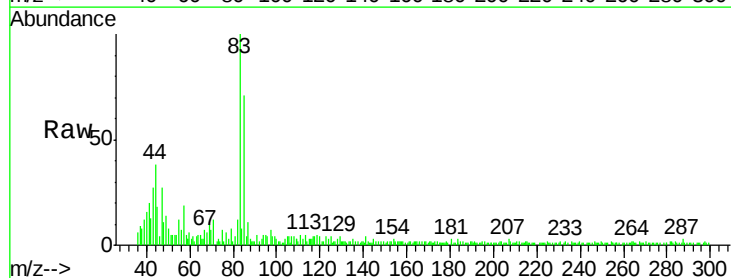
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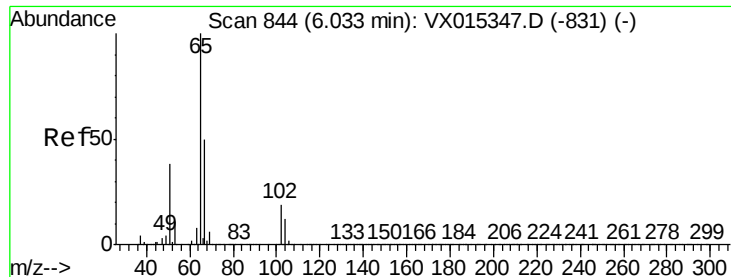


#25

Chloroform
Concen: 1.442 ug/l
RT: 5.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX015360.D
Acq: 26 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.5	75.7





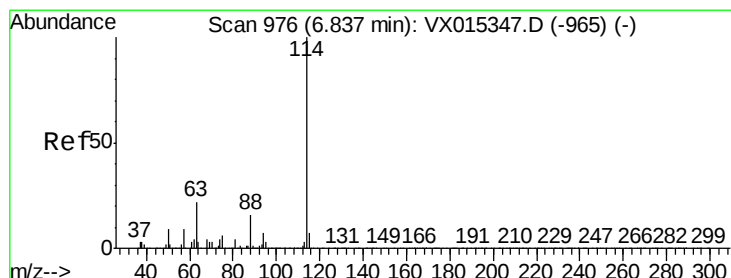
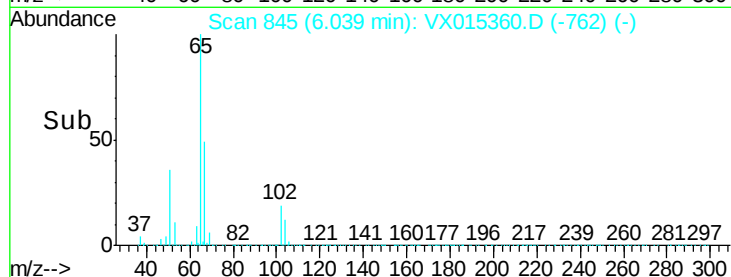
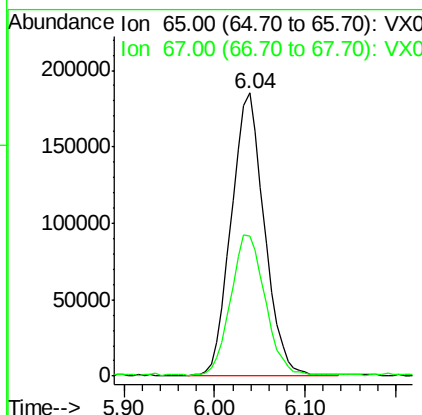
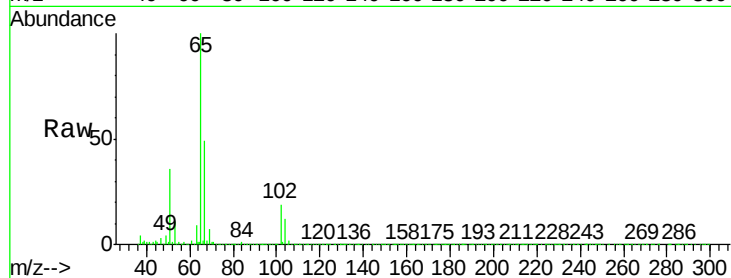
#27
 1,2-Dichloroethane-d4
 Concen: 31.177 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015360.D
 Acq: 26 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	40.9	61.3

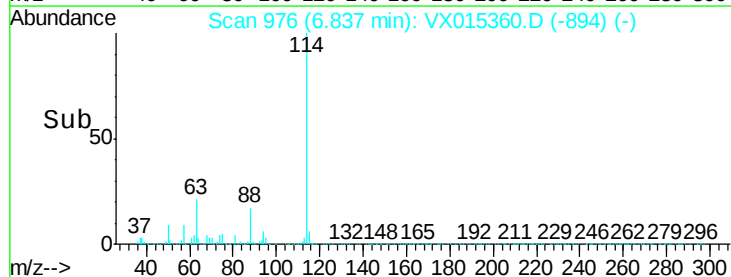
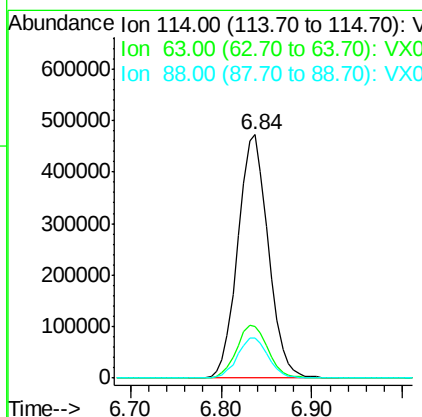
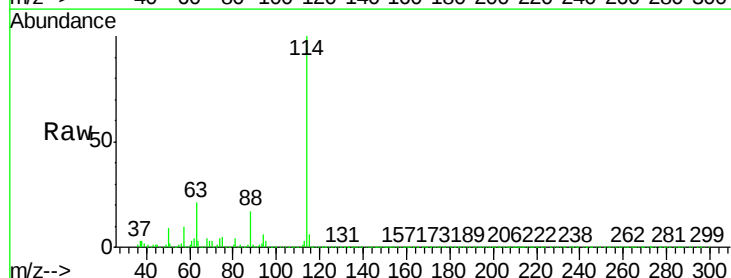
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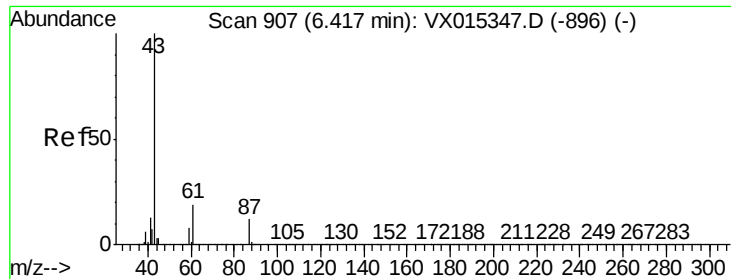
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015360.D
 Acq: 26 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.3	17.4	26.2
88	16.6	12.9	19.3





#44

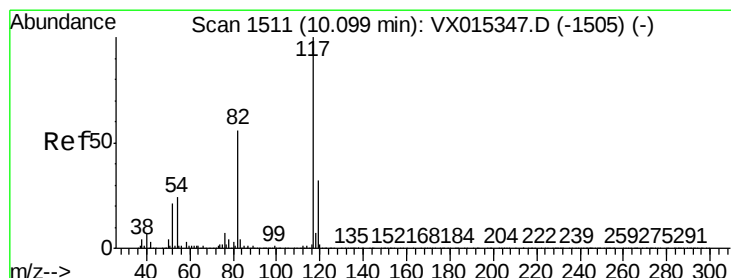
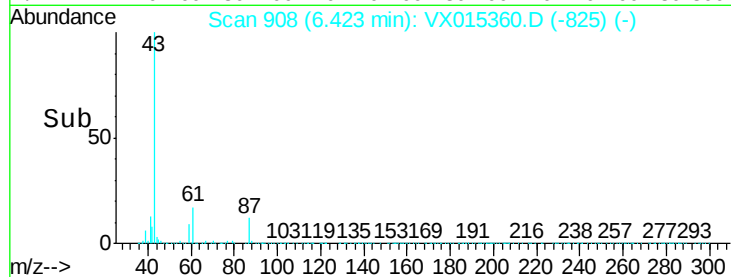
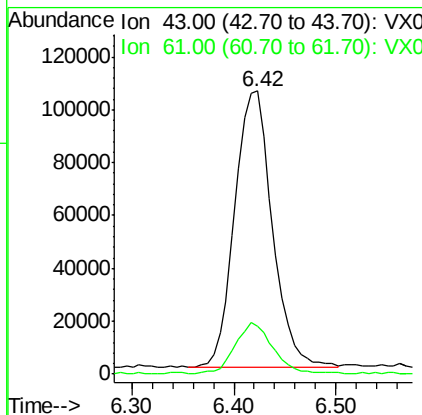
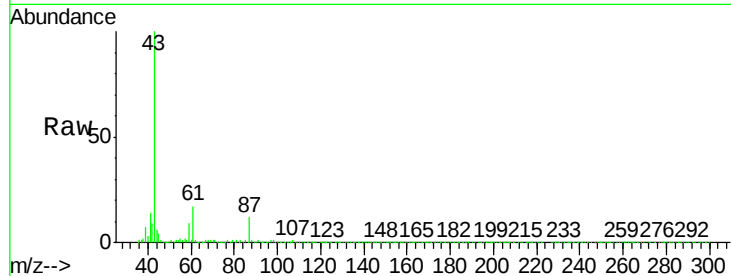
Isopropyl Acetate
 Concen: 7.780 ug/l
 RT: 6.42 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: VX015360.D
 Acq: 26 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.6	22.0

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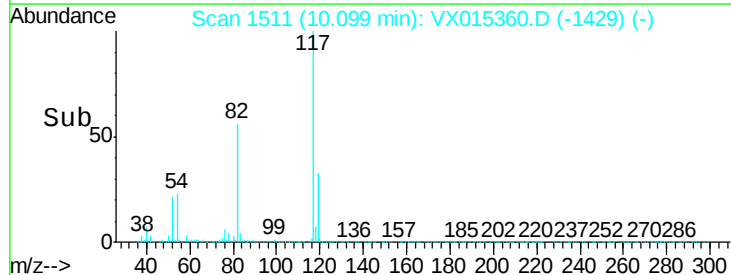
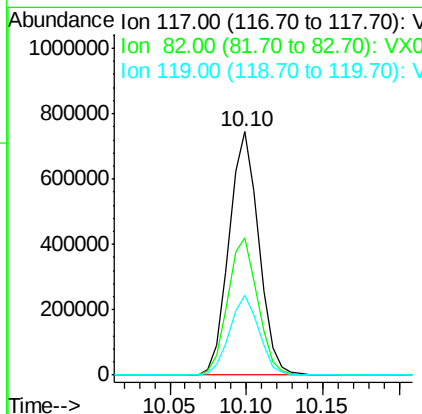
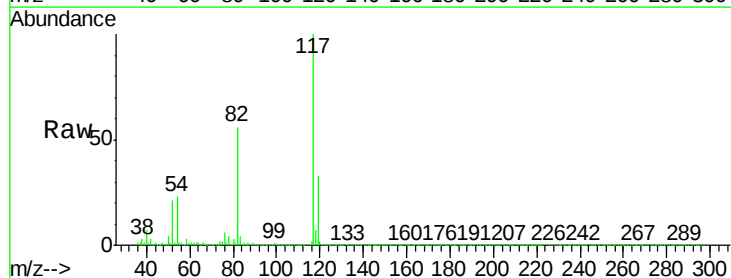
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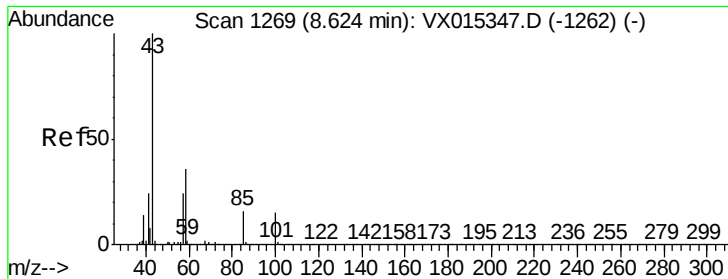


#57

Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.10 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: VX015360.D
 Acq: 26 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.0	67.6
119	32.5	25.5	38.3





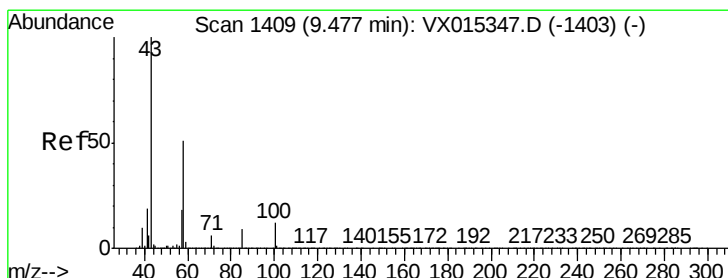
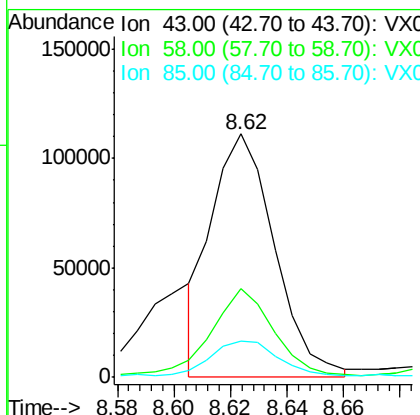
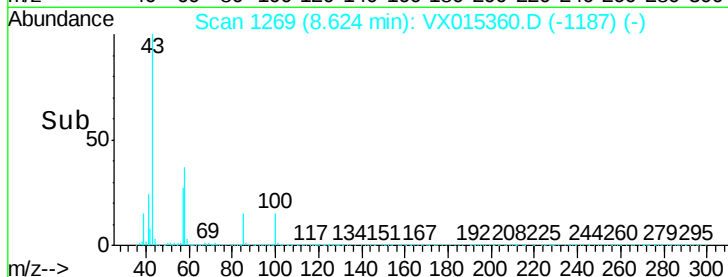
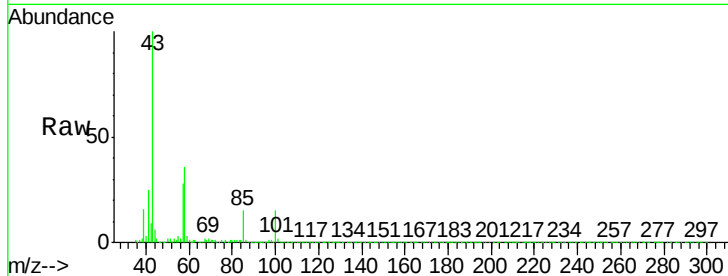
#58
4-Methyl-2-Pentanone
Concen: 9.012 ug/l m
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015360.D
Acq: 26 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampled :
EFF-WW

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.3	29.4	44.0#
85	0.1	13.0	19.4#

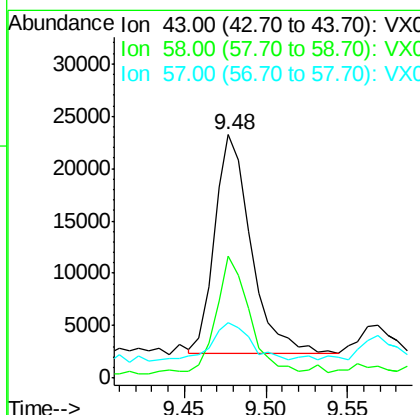
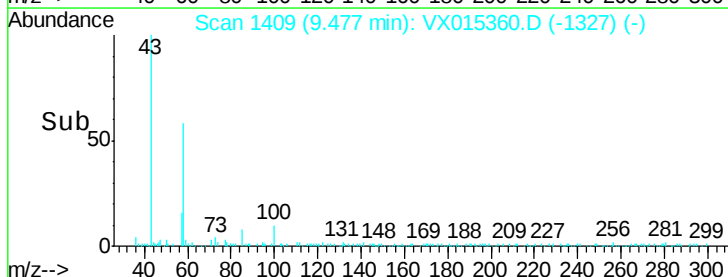
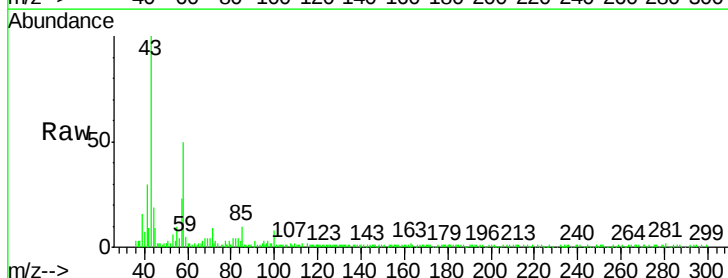
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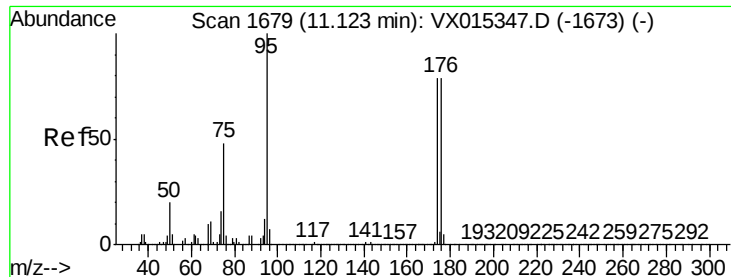
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#59
2-Hexanone
Concen: 2.233 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015360.D
Acq: 26 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	46.6	40.2	60.4
57	17.6	14.6	22.0





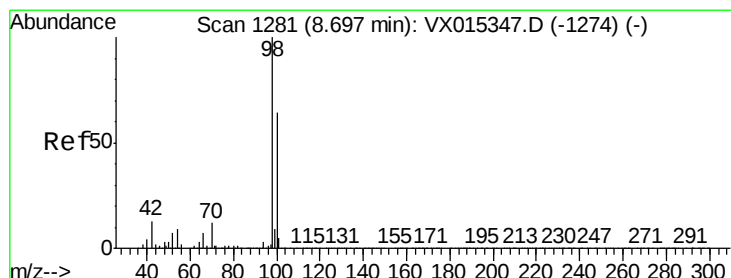
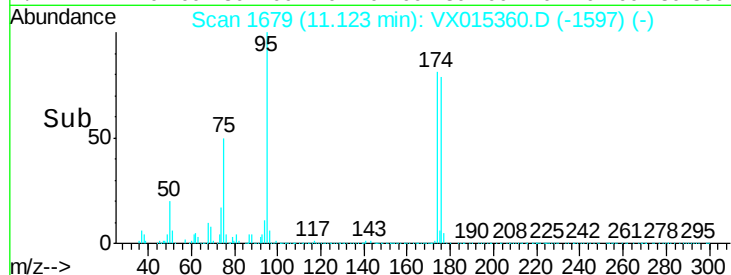
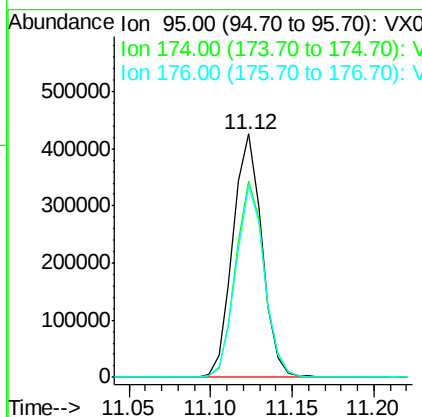
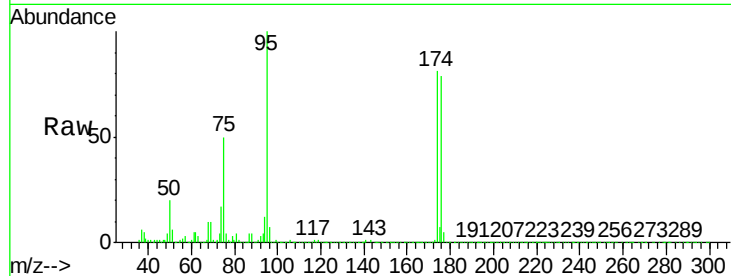
#60
4-Bromofluorobenzene
Concen: 30.903 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015360.D
Acq: 26 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampled :
EFF-WW

Tot Ion	Ratio	Resp	Lower	Upper
95	100	528176		
174	79.5	66.4	99.6	
176	77.9	64.1	96.1	

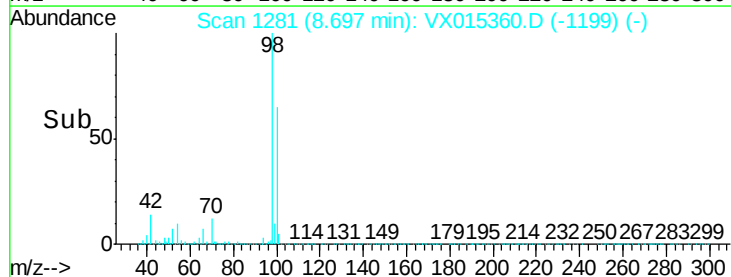
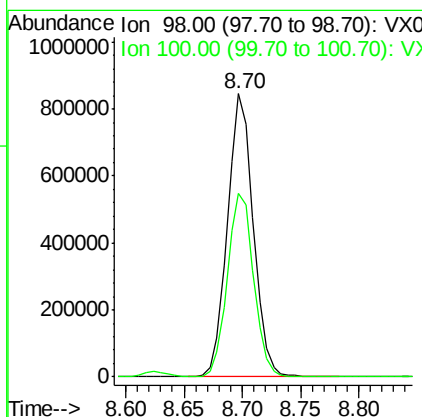
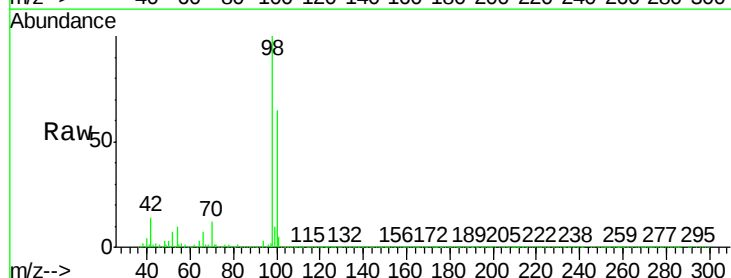
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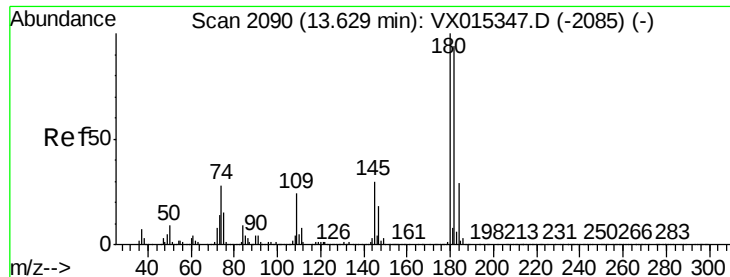
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#63
Toluene-d8
Concen: 30.674 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015360.D
Acq: 26 Mar 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1301533		
100	65.9	52.2	78.2	





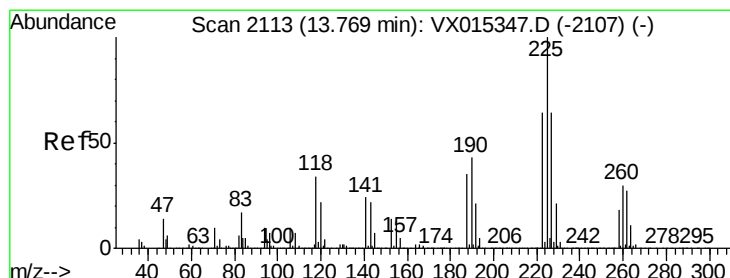
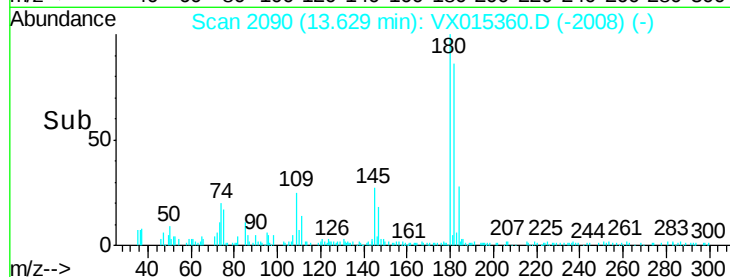
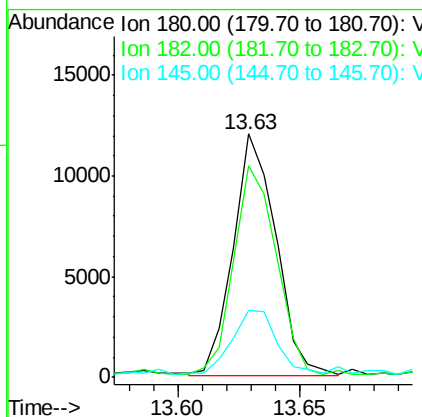
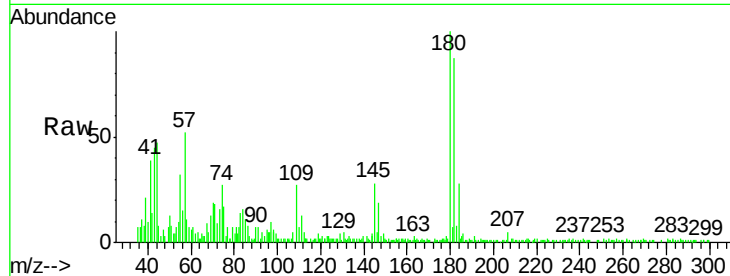
#89
 1,2,4-Trichlorobenzene
 Concen: 0.679 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015360.D
 Acq: 26 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
180	100		
182	85.8	76.9	115.3
145	26.7	24.3	36.5

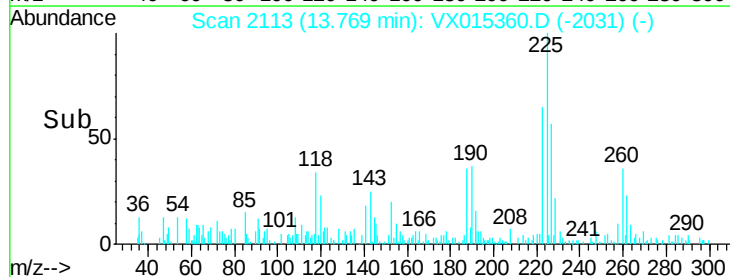
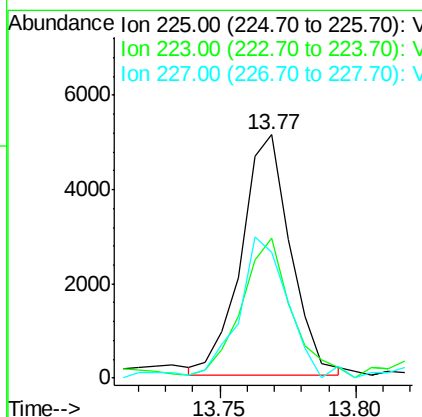
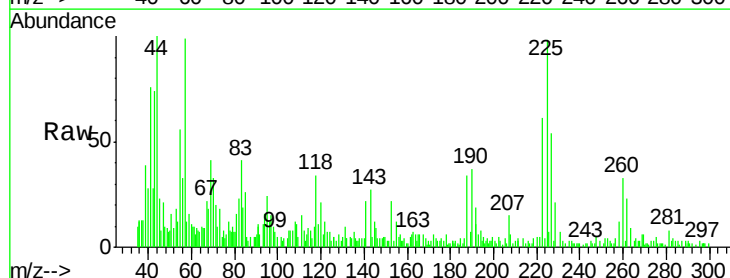
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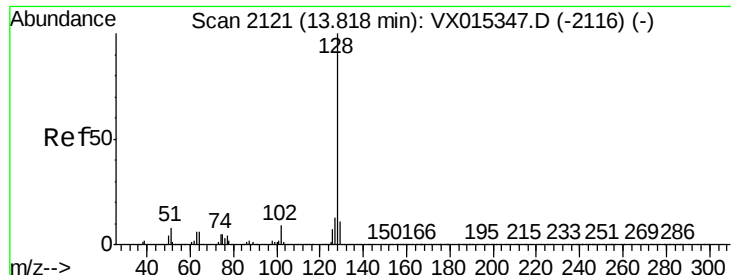
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#90
 Hexachlorobutadiene
 Concen: 0.570 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015360.D
 Acq: 26 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.1	0.0	127.0
227	56.4	0.0	126.8





#91
Naphthalene
Concen: 0.348 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015360.D
Acq: 26 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	15.3	10.3	15.5
129	13.1	8.9	13.3

Manual Integrations
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