

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
 Data File : VX015523.D
 Acq On : 06 Apr 2020 19:12
 Operator : JC/SP
 Sample : L2161-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RECLAIM-SYSTEM-SEDIMENT-PIT

Manual Integrations
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 4/7/2020 11:58:26 AM

Quant Time: Apr 07 07:33:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1163681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1898803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1831464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	1057362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	787012	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	5.47	113	593034	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	8.70	98	2286879	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.12	95	1012438	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
Target Compounds						
16) Acetone	2.42	43	758299	107.542	ug/l	99
20) Methylene Chloride	2.84	84	67555	5.129	ug/l	96
25) 2-Butanone	4.64	43	129862	11.452	ug/l	93
43) Isopropyl Acetate	6.42	43	102363	2.662	ug/l #	96
51) 4-Methyl-2-Pentanone	8.62	43	364734m	16.736	ug/l	
52) Toluene	8.77	92	83208	2.633	ug/l	95

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

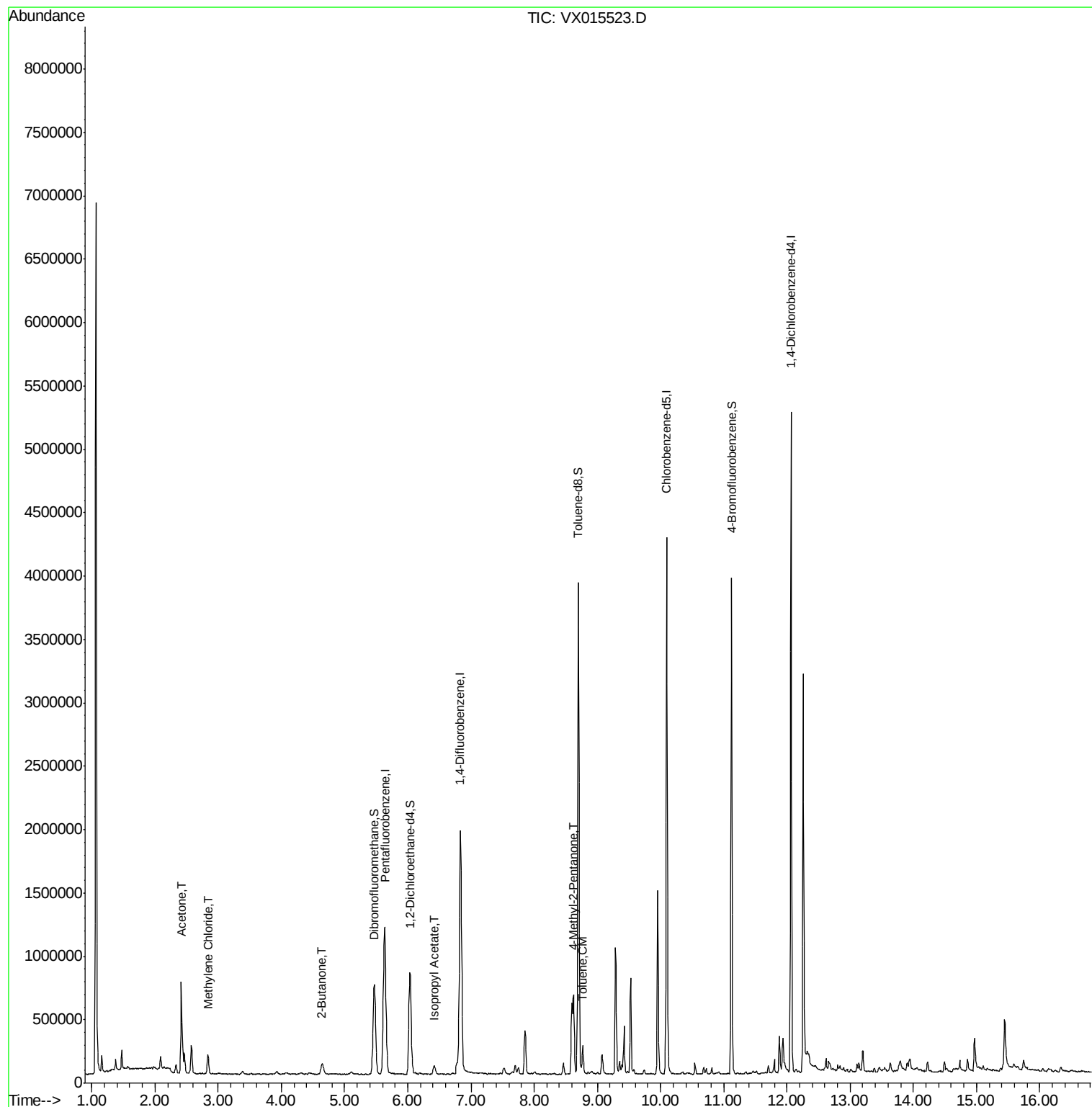
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040620\
Data File : VX015523.D
Acq On : 06 Apr 2020 19:12
Operator : JC/SP
Sample : L2161-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

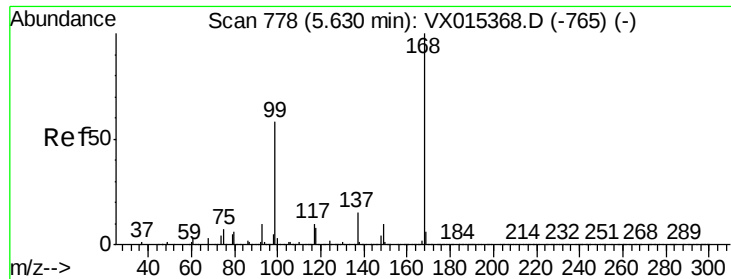
Instrument :
MSVOA_X
ClientSampleId :
RECLAIM-SYSTEM-SEDIMENT-PIT

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Quant Time: Apr 07 07:33:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

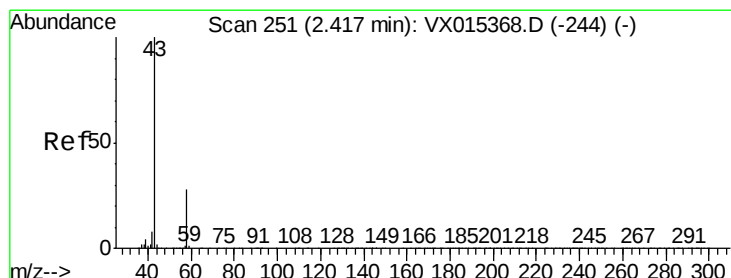
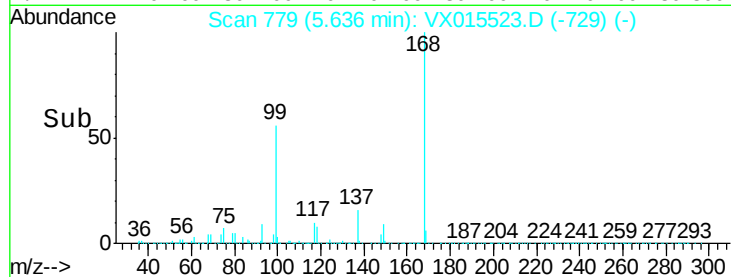
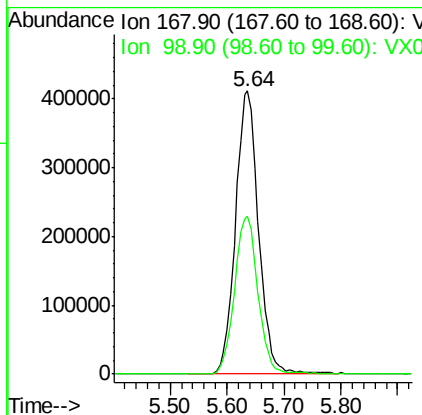
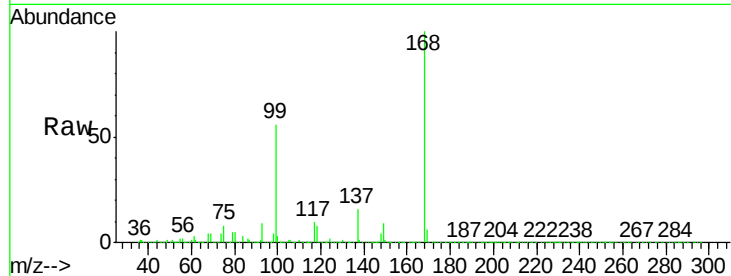
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015523.D
 Acq: 06 Apr 2020 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.7	46.4	69.6

Manual Integrations
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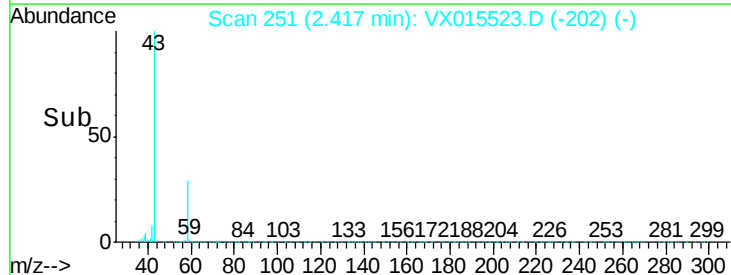
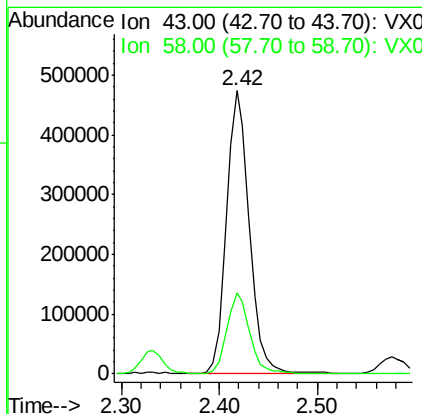
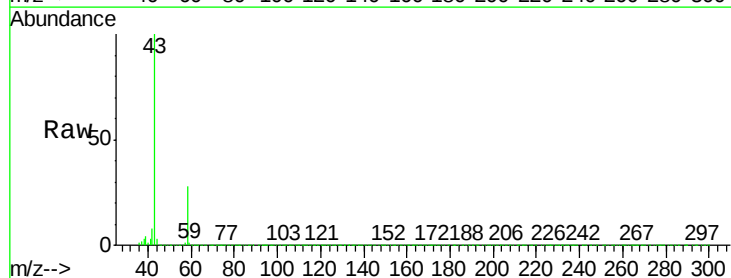
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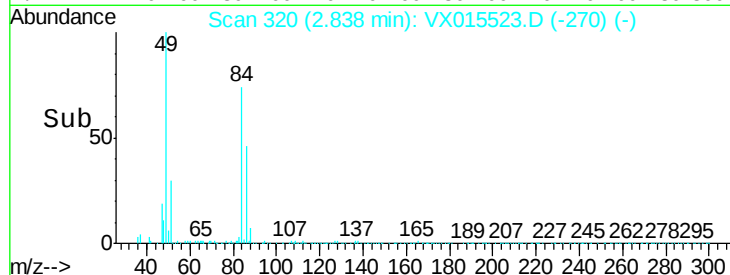
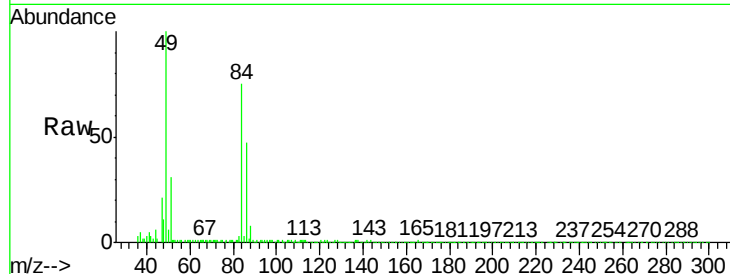
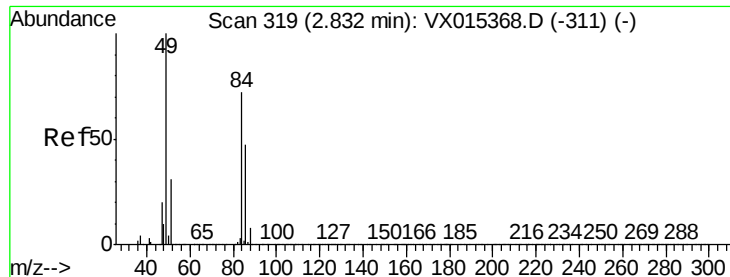


#16

Acetone
 Concen: 107.542 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VX015523.D
 Acq: 06 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.1	33.1





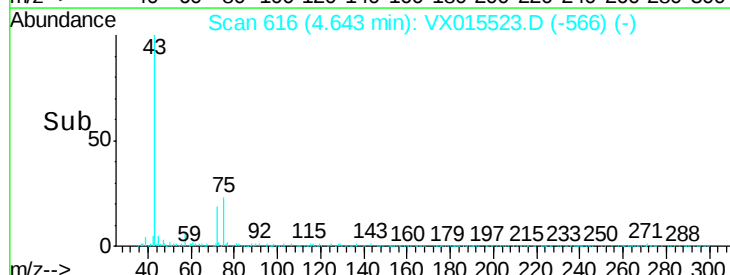
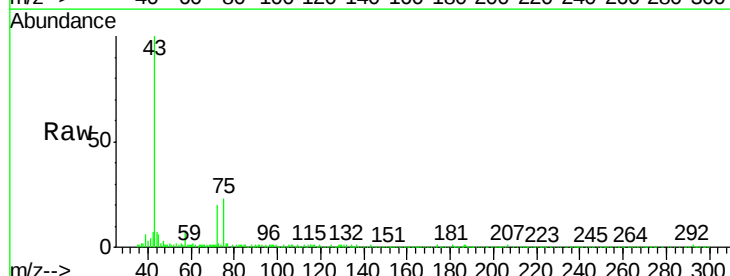
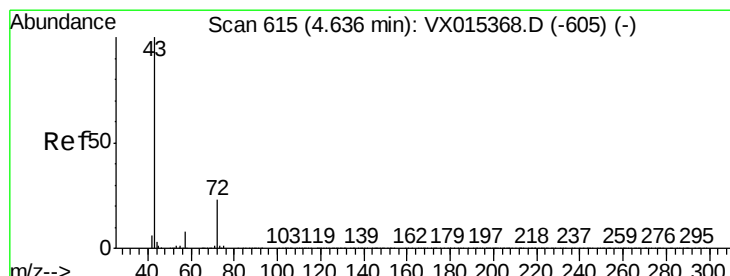
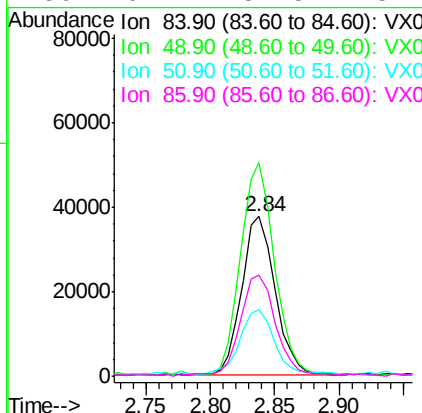
#20
Methvlene Chloride
Concen: 5.129 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015523.D
Acq: 06 Apr 2020 19:12

Tot Ion	84	Resp	67555
Ion Ratio	Lower	Upper	
84	100		
49	133.6	111.3	166.9
51	40.6	34.0	51.0
86	62.7	52.5	78.7

Instrument :
MSVOA_X
ClientSampleId :
RECLAIM-SYSTEM-SEDIMENT-PIT

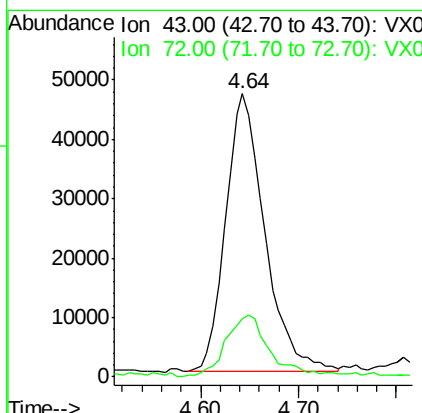
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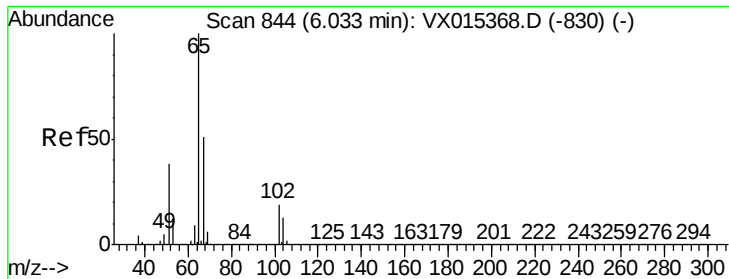
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#25
2-Butanone
Concen: 11.452 ug/l
RT: 4.64 min Scan# 616
Delta R.T. 0.01 min
Lab File: VX015523.D
Acq: 06 Apr 2020 19:12

Tgt Ion	43	Resp	129862
Ion Ratio	Lower	Upper	
43	100		
72	20.2	19.0	28.4





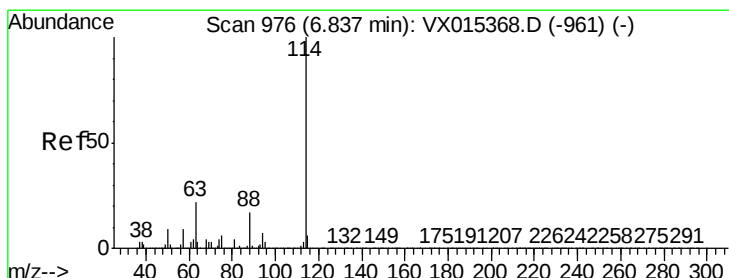
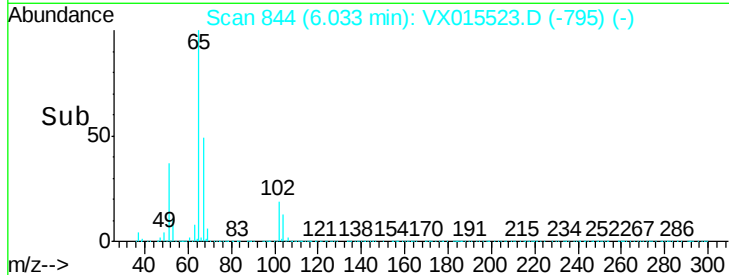
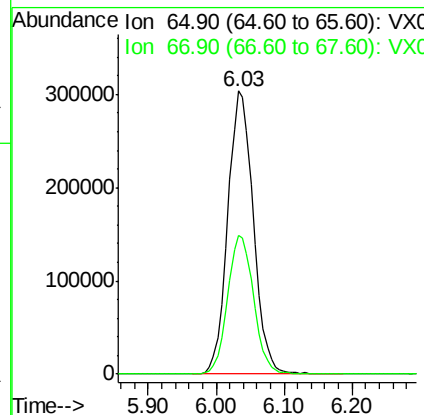
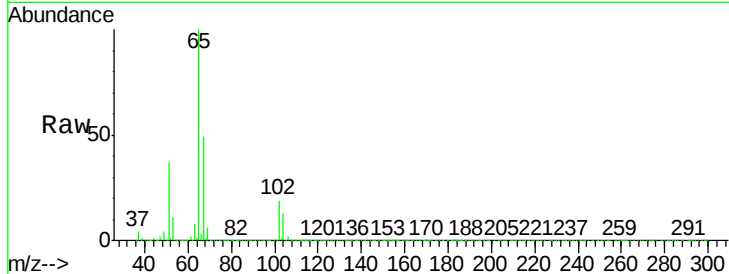
#33
 1,2-Dichloroethane-d4
 Concen: 47.952 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015523.D
 Acq: 06 Apr 2020 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion	Ratio	Resp	Lower	Upper
65	100	787012		
67	49.7	0.0	102.6	

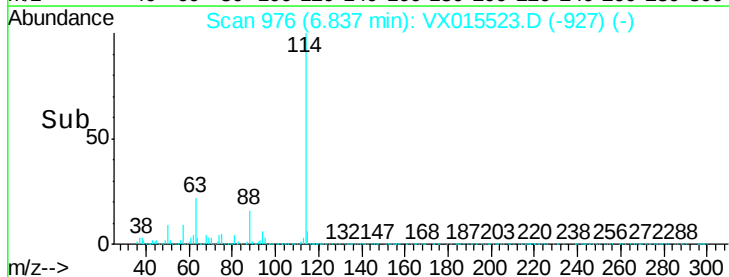
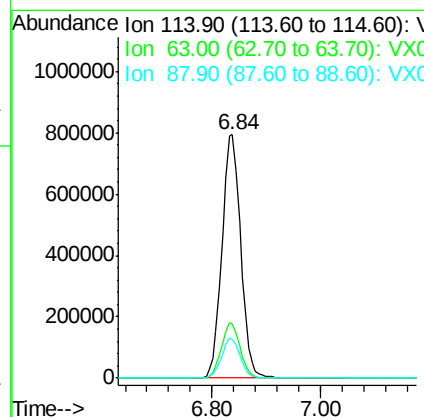
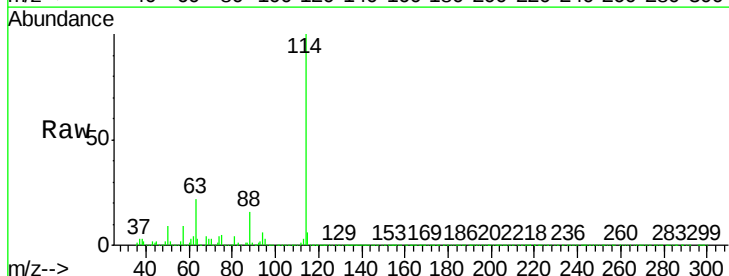
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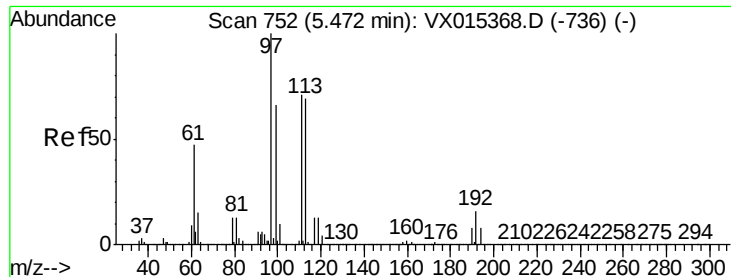
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015523.D
 Acq: 06 Apr 2020 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1898803		
63	22.0	0.0	44.2	
88	16.2	0.0	33.8	





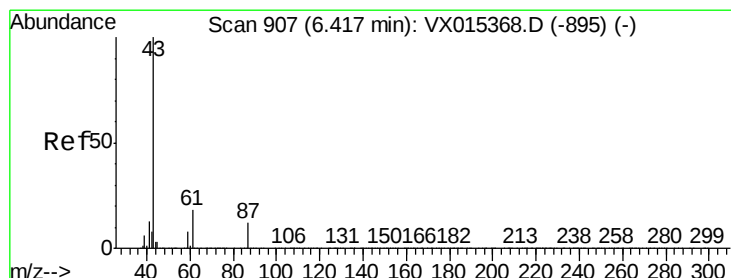
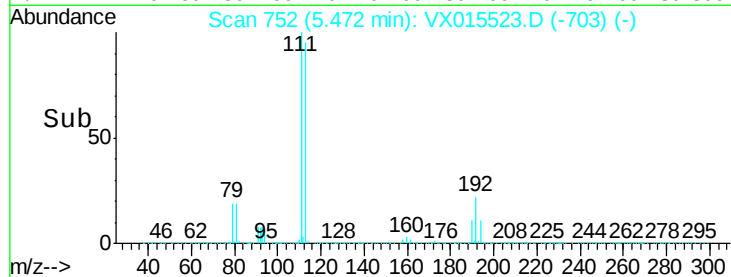
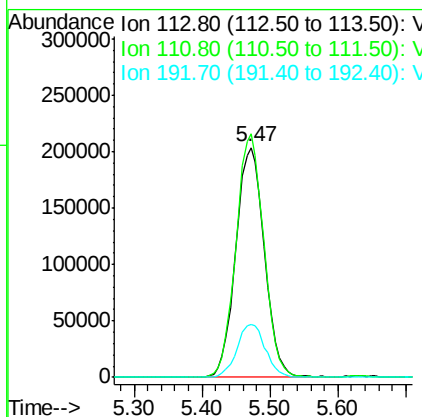
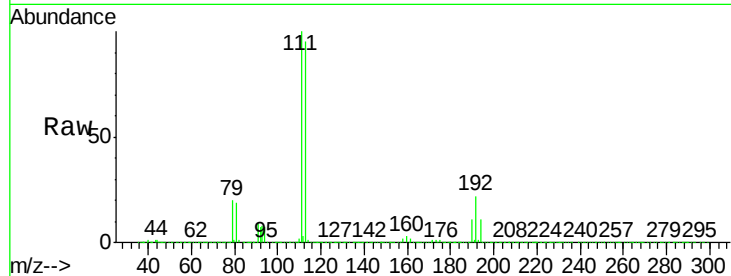
#35
Dibromofluoromethane
Concen: 48.859 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015523.D
Acq: 06 Apr 2020 19:12

Instrument :
MSVOA_X
ClientSampleId :
RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	81.5	122.3	
192	23.2	17.8	26.6	

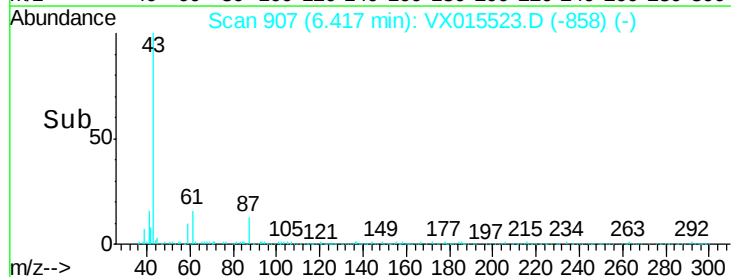
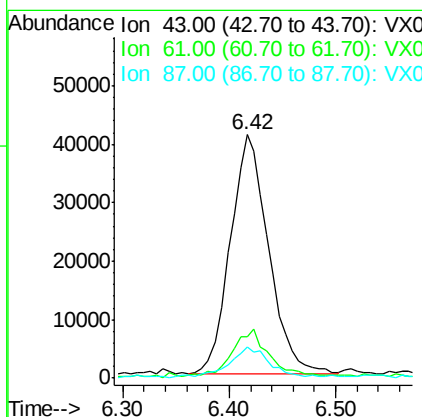
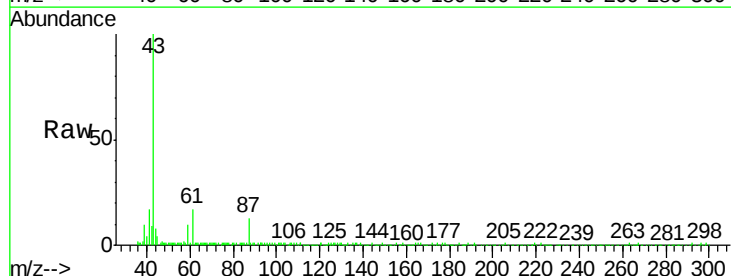
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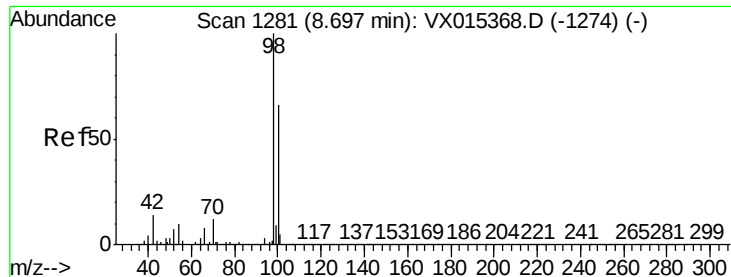
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#43
Isopropyl Acetate
Concen: 2.662 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015523.D
Acq: 06 Apr 2020 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	19.2	14.8	22.2	
87	14.5	9.4	14.0	





#50

Toluene-d8

Concen: 51.175 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015523.D

Acq: 06 Apr 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion: 98 Resp: 2286879

Ion Ratio Lower Upper

98 100

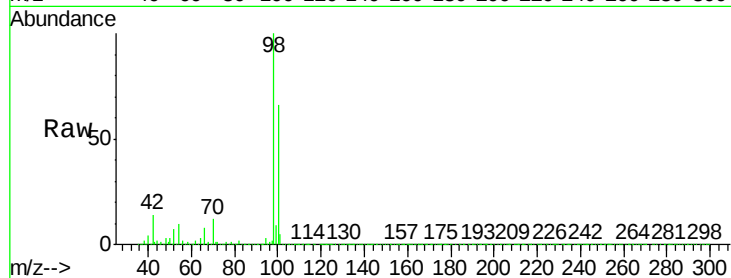
100 65.5 53.5 80.3

Manual Integrations

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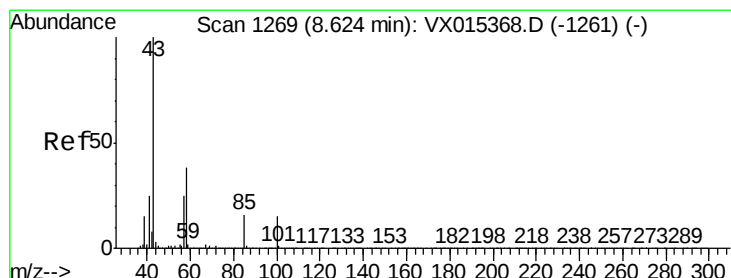
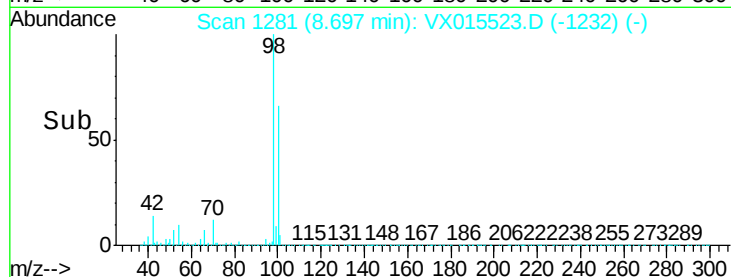
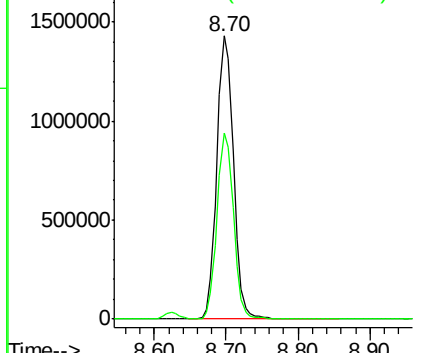
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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 16.736 ug/l m

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015523.D

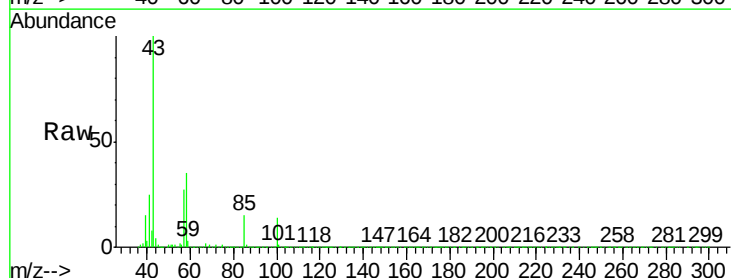
Acq: 06 Apr 2020 19:12

Tgt Ion: 43 Resp: 364734

Ion Ratio Lower Upper

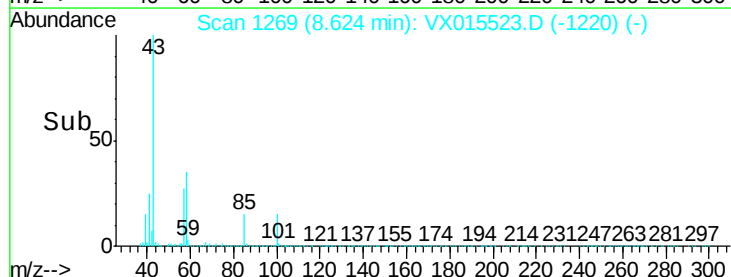
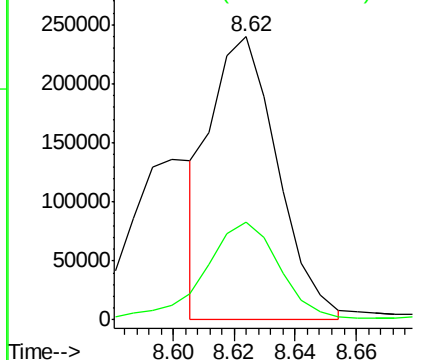
43 100

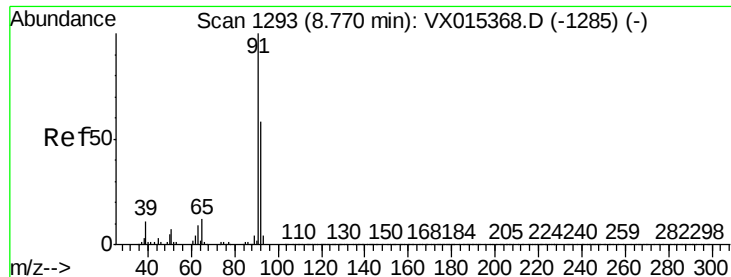
58 39.2 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 2.633 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015523.D

Acq: 06 Apr 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion: 92 Resp: 83208

Ion Ratio Lower Upper

92 100

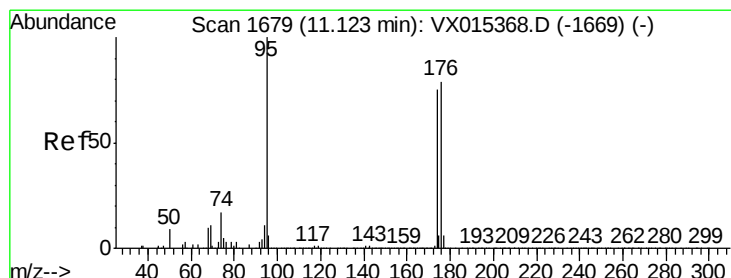
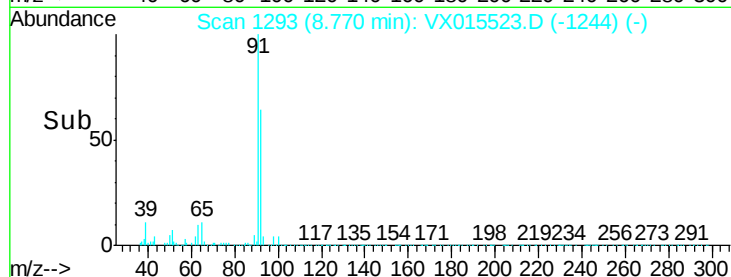
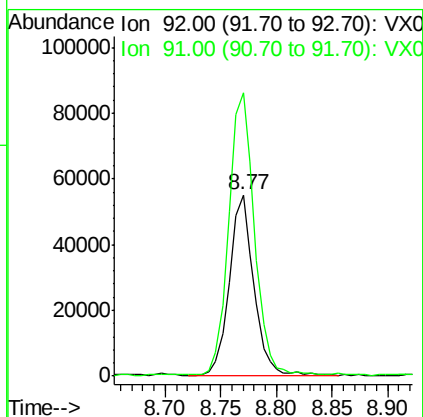
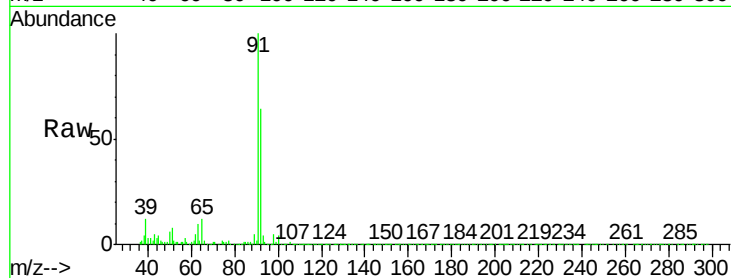
91 163.8 136.6 205.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 55.747 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015523.D

Acq: 06 Apr 2020 19:12

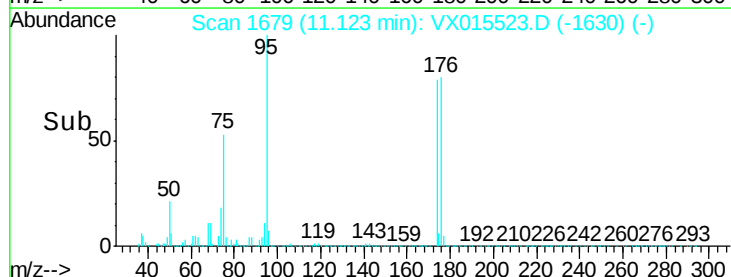
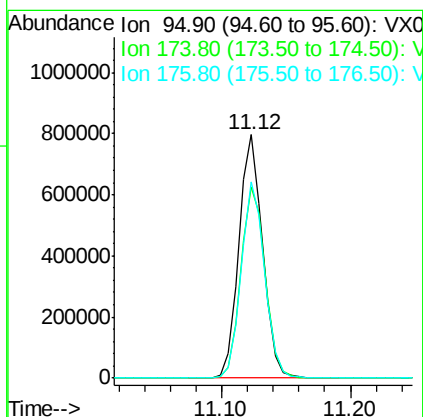
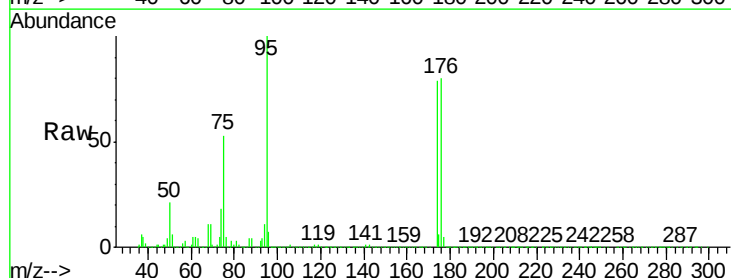
Tgt Ion: 95 Resp: 1012438

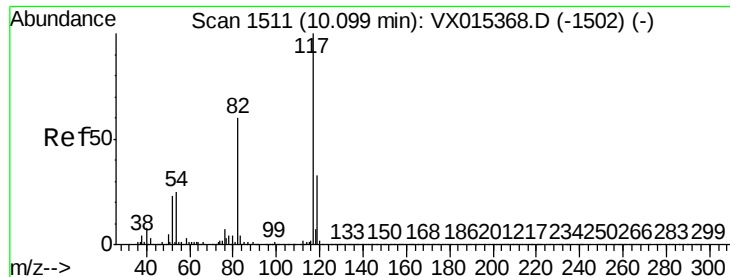
Ion Ratio Lower Upper

95 100

174 80.0 0.0 158.6

176 79.0 0.0 159.0





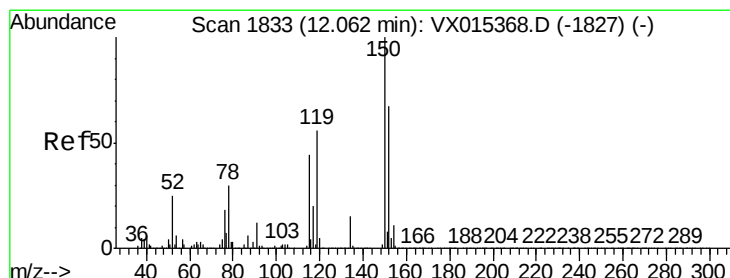
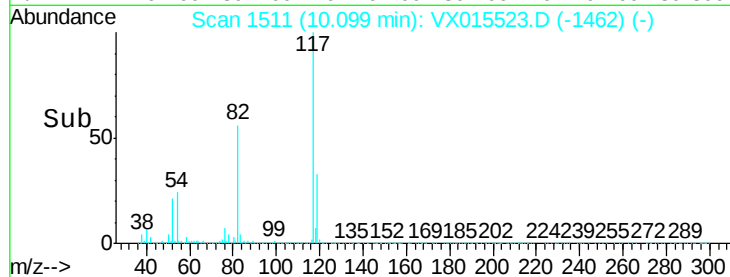
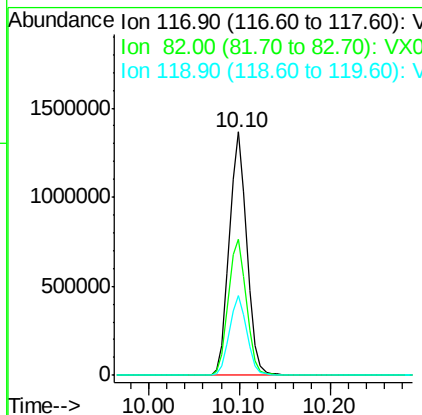
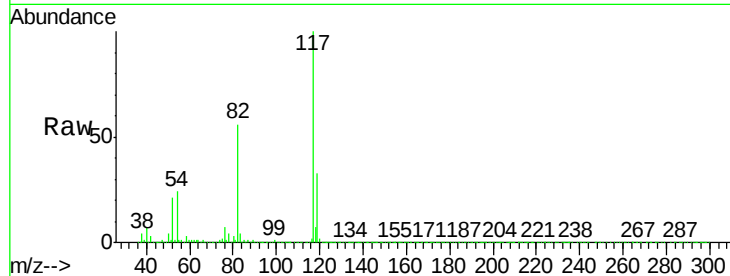
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015523.D
Acq: 06 Apr 2020 19:12

Instrument :
MSVOA_X
ClientSampleId :
RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	47.8	71.8
119	32.6	26.8	40.2

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015523.D
Acq: 06 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	39.0	116.9
150	151.3	0.0	340.8

