

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110119\
 Data File : VX013313.D
 Acq On : 01 Nov 2019 15:54
 Operator : JC/SP
 Sample : K5651-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326R-191031DL

Manual Integrations
 APPROVED

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 11/4/2019 1:30:19 PM

Quant Time: Nov 04 01:40:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	738719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1124820	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1003745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	469633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	413217	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
35) Dibromofluoromethane	5.48	113	338579	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	1325467	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	444771	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	19596	8.495	ug/l #	75
27) cis-1,2-Dichloroethene	4.59	96	7265m	0.879	ug/l	
40) Benzene	6.13	78	16330	0.543	ug/l #	90
65) Chlorobenzene	10.14	112	413524	20.349	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	33908	2.292	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	108676	7.209	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	903128	61.062	ug/l	99

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

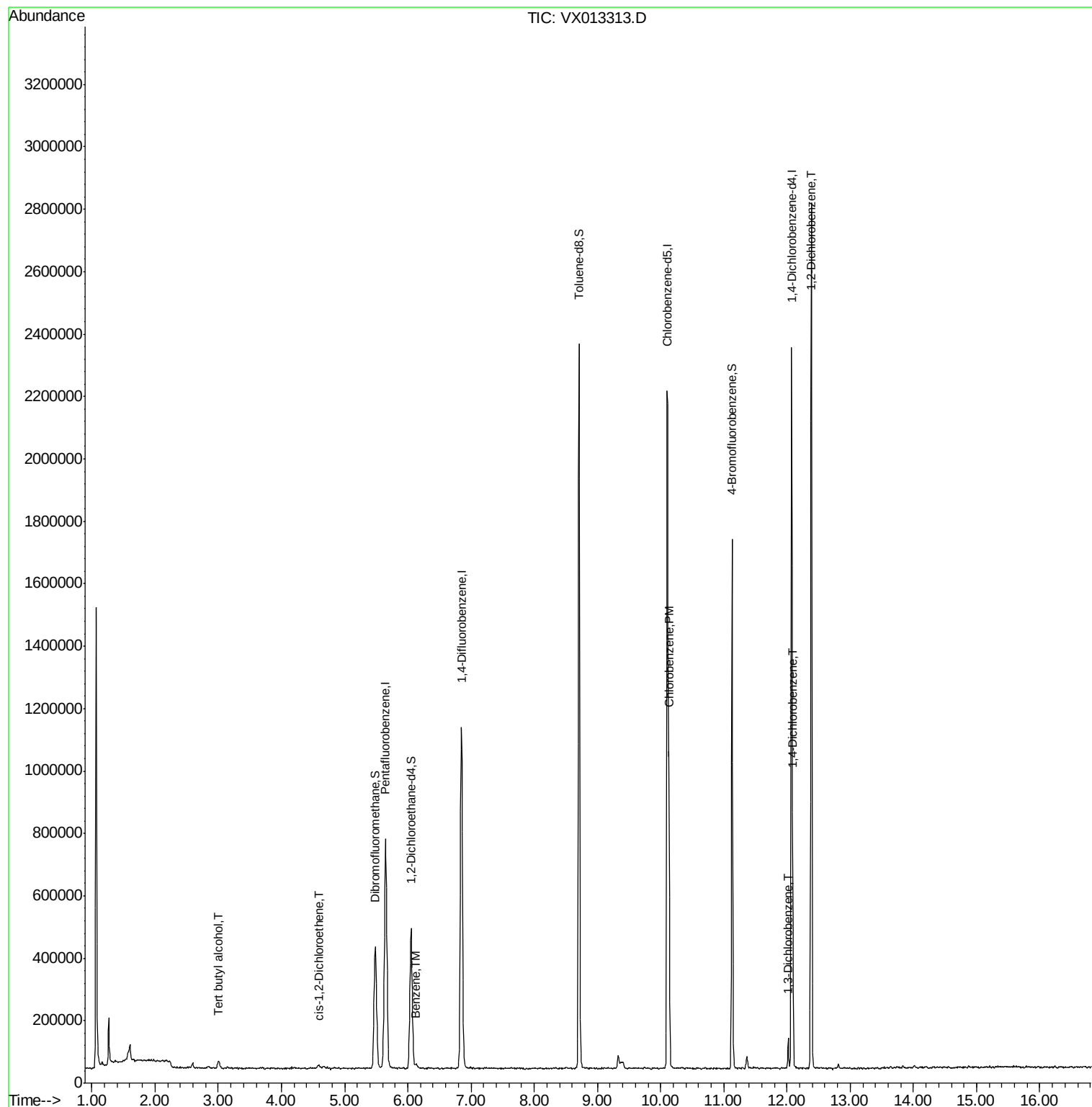
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX110119\
Data File : VX013313.D
Acq On : 01 Nov 2019 15:54
Operator : JC/SP
Sample : K5651-02DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

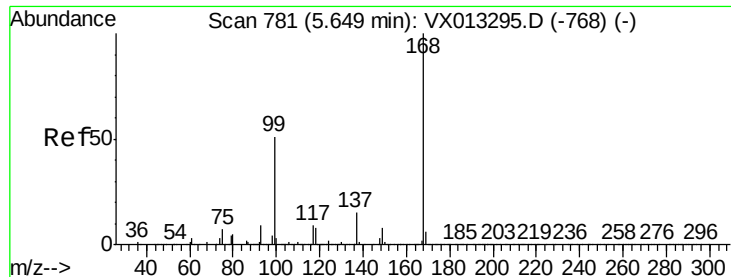
Instrument :
MSVOA_X
ClientSampleId :
SS003MW326R-191031DL

Manual Integrations
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Quant Time: Nov 04 01:40:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

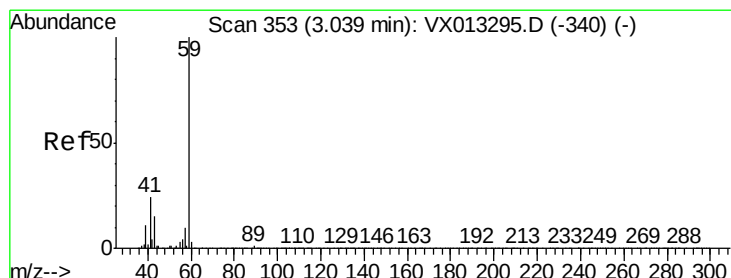
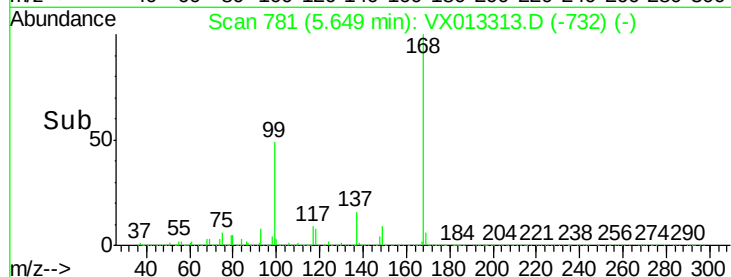
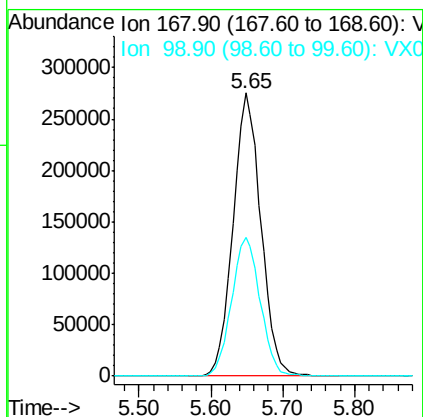
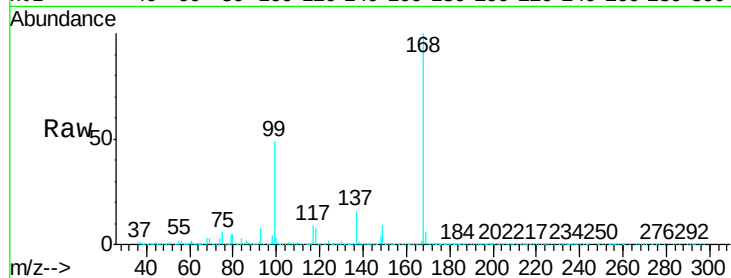
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013313.D
 Acq: 01 Nov 2019 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326R-191031DL

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	738719		
99	48.8	40.8	61.2	

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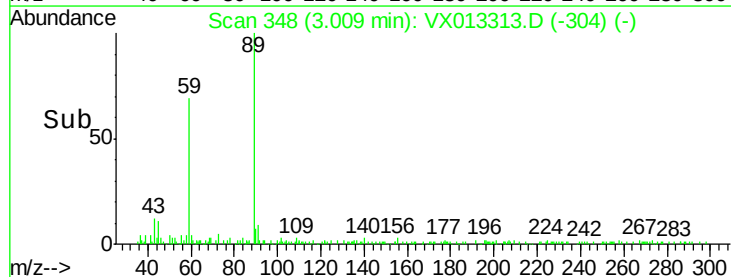
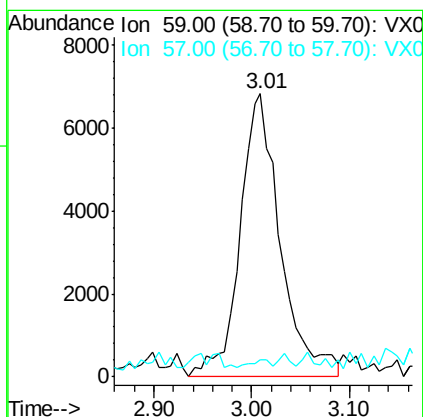
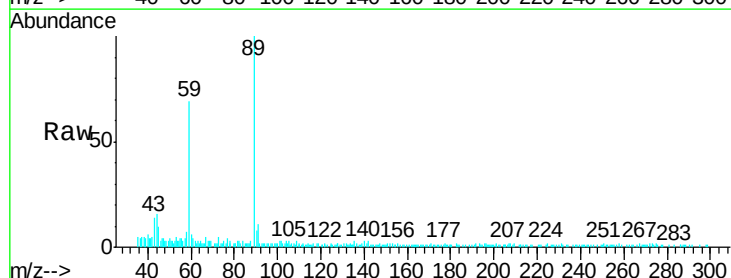
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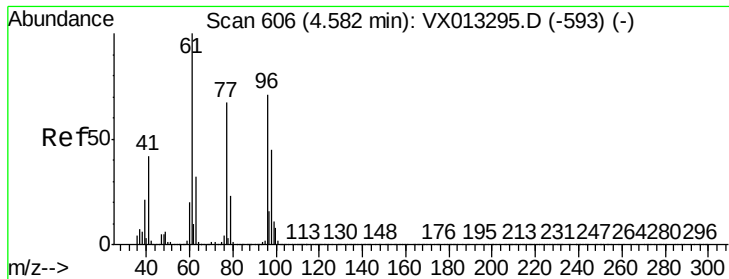


#11

Tert butyl alcohol
 Concen: 8.495 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.03 min
 Lab File: VX013313.D
 Acq: 01 Nov 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	19596		
57	0.7	8.0	12.0	#





#27

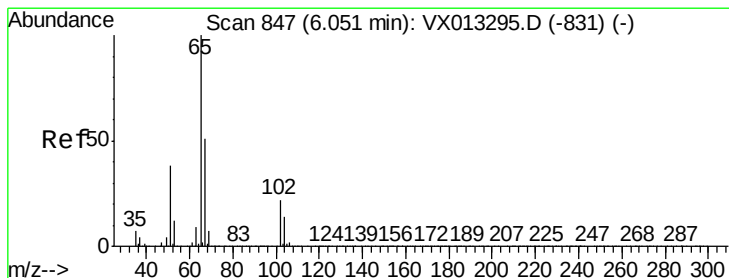
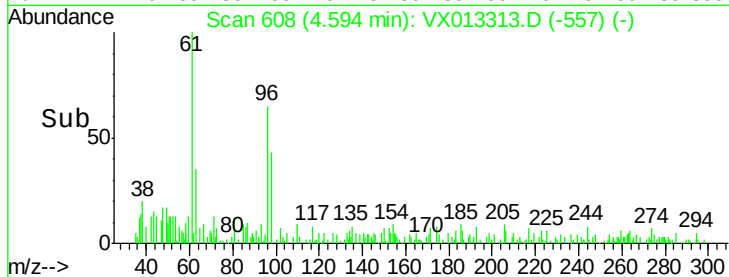
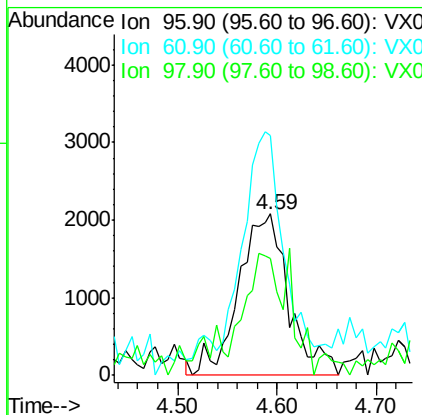
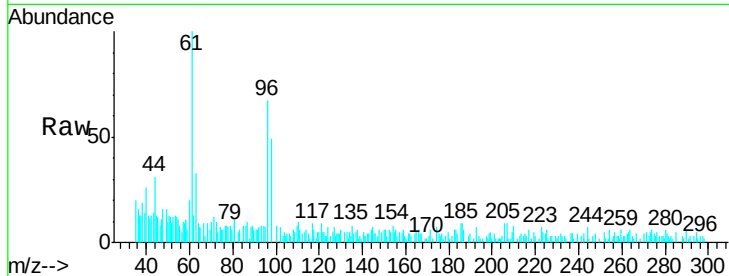
cis-1,2-Dichloroethene
 Concen: 0.879 ug/l m
 RT: 4.59 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: VX013313.D
 Acq: 01 Nov 2019 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326R-191031DL

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	7265		
61	7.3	0.0	288.0	
98	5.3	0.0	129.6	

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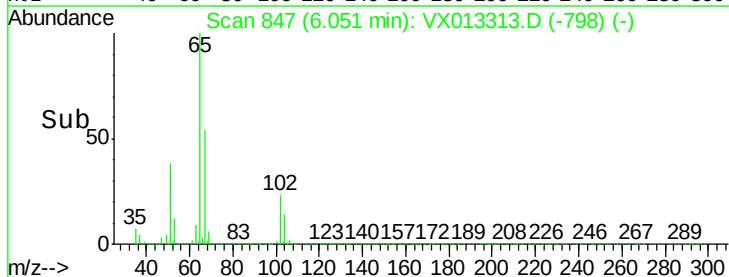
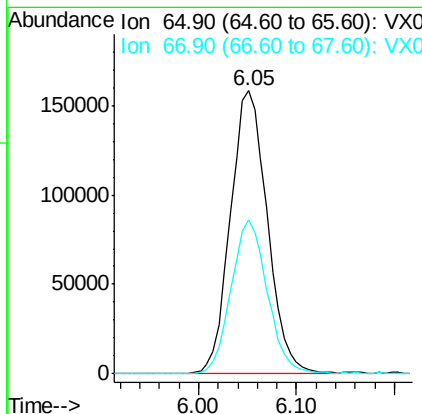
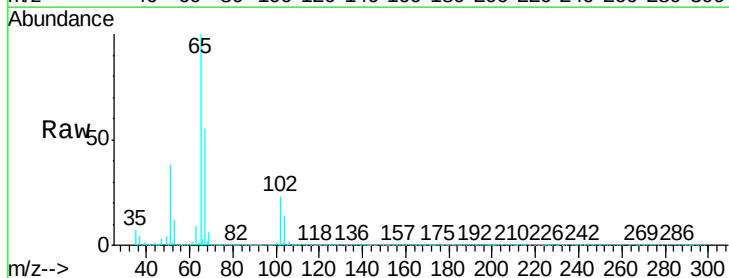
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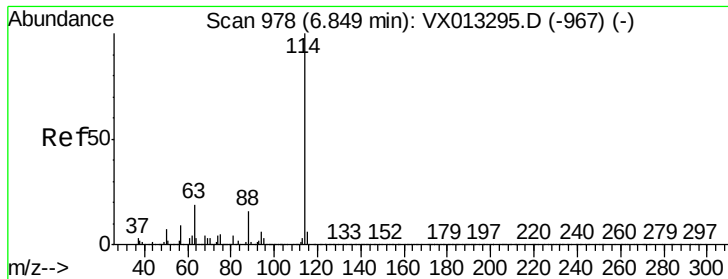


#33

1,2-Dichloroethane-d4
 Concen: 47.216 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013313.D
 Acq: 01 Nov 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	413217		
67	53.0	0.0	104.2	





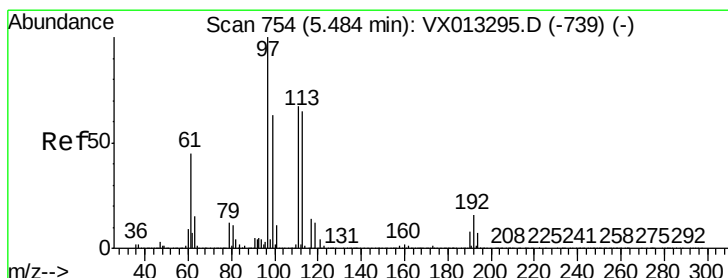
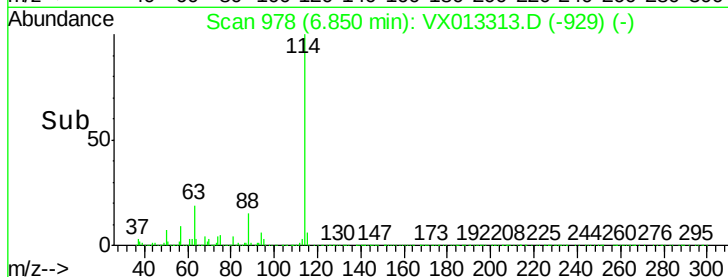
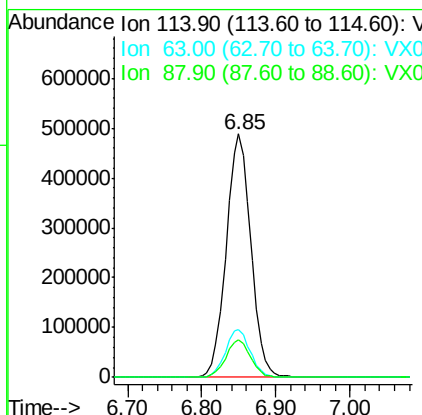
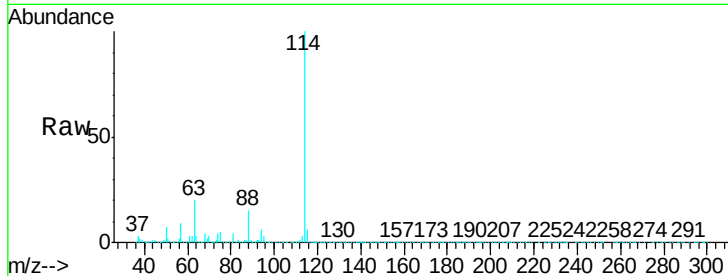
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013313.D
 Acq: 01 Nov 2019 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326R-191031DL

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.4
88	15.3	0.0	32.2

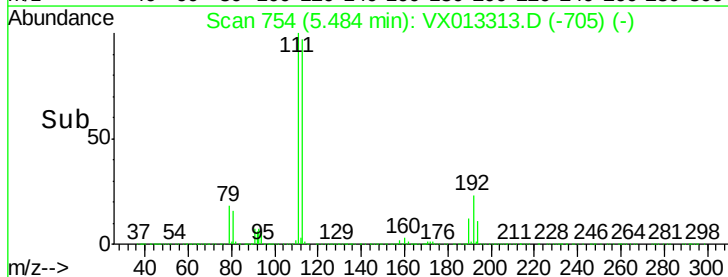
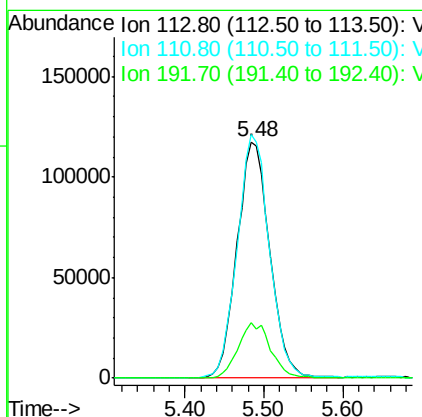
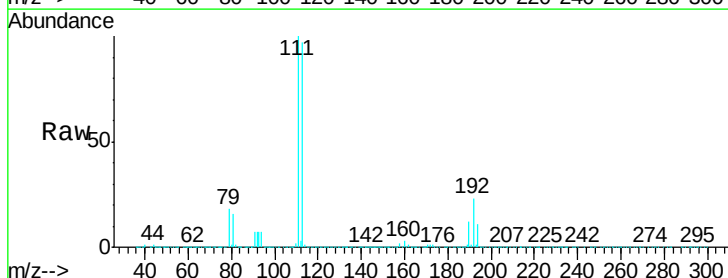
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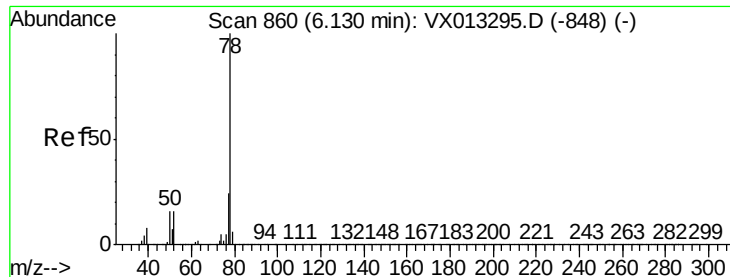
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#35
 Dibromofluoromethane
 Concen: 47.991 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX013313.D
 Acq: 01 Nov 2019 15:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	23.2	19.1	28.7





#40

Benzene

Concen: 0.543 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX013313.D

Acq: 01 Nov 2019 15:54

Instrument :

MSVOA_X

ClientSampleId :

SS003MW326R-191031DL

Tgt Ion: 78 Resp: 16330

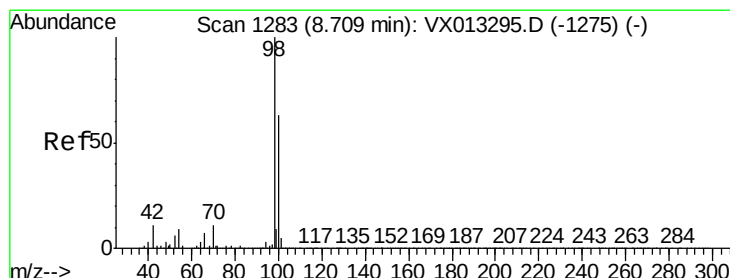
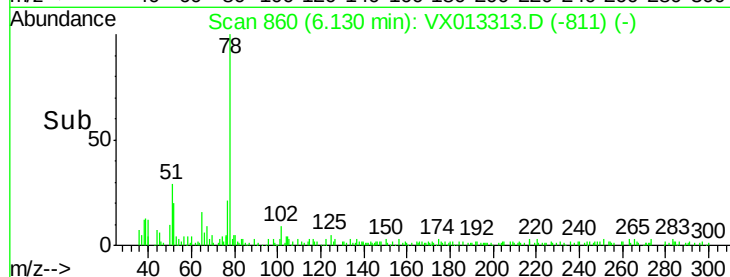
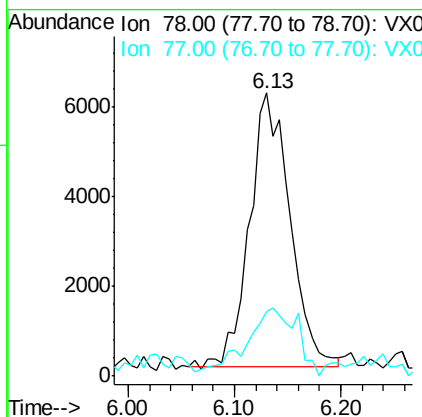
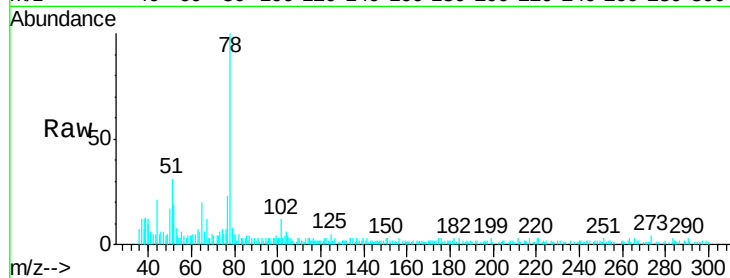
Ion Ratio Lower Upper

78 100

77 19.3 19.5 29.3#

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#50

Toluene-d8

Concen: 49.836 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013313.D

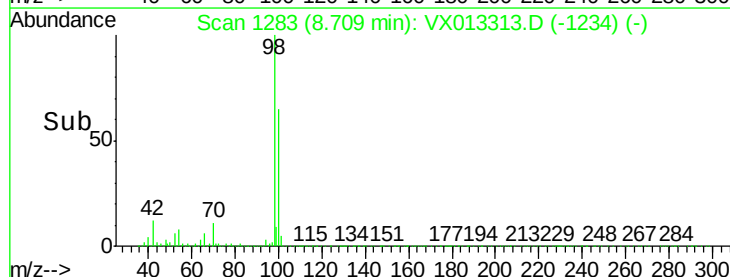
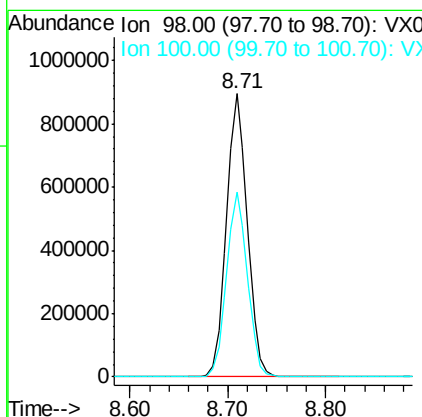
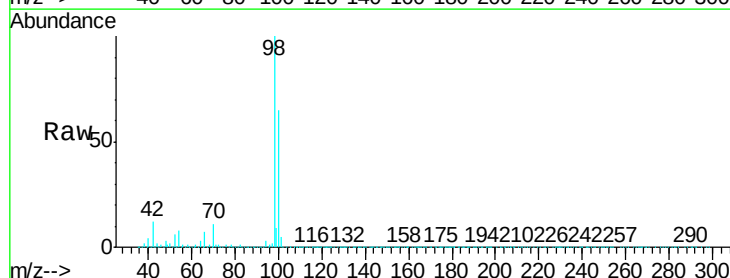
Acq: 01 Nov 2019 15:54

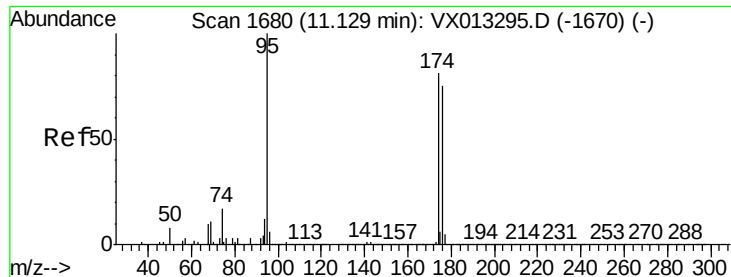
Tgt Ion: 98 Resp: 1325467

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 46.336 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013313.D

Acq: 01 Nov 2019 15:54

Instrument :

MSVOA_X

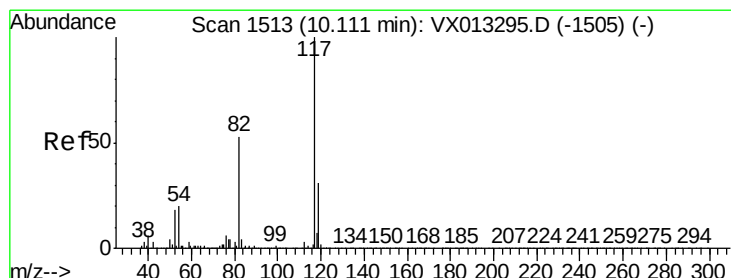
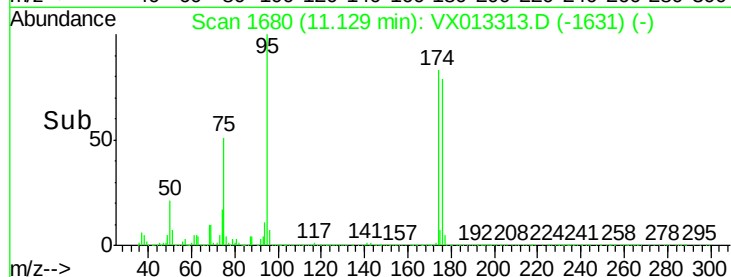
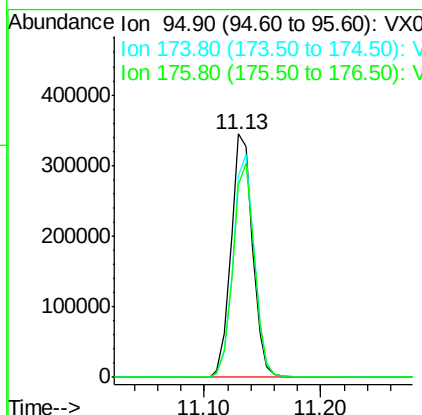
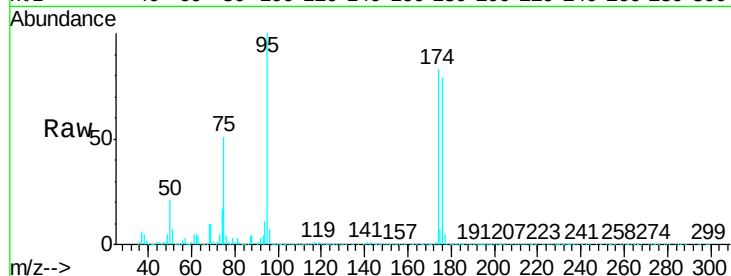
ClientSampleId :

SS003MW326R-191031DL

Tgt Ion:	95	Resp:	444771
Ion Ratio	Lower	Upper	
95	100		
174	90.4	0.0	179.8
176	88.1	0.0	173.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

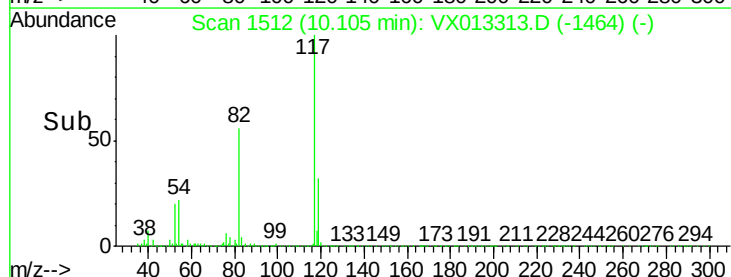
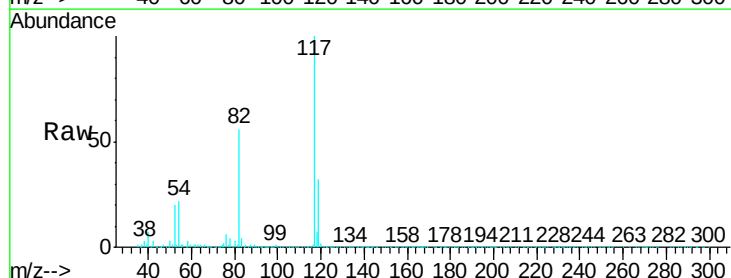
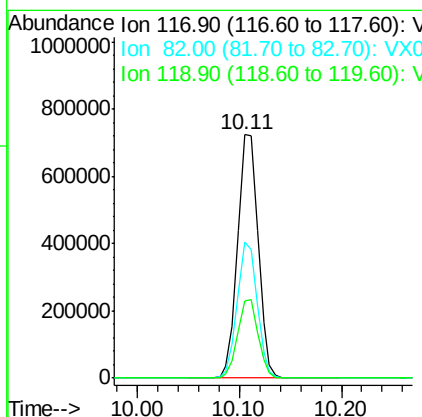
RT: 10.11 min Scan# 1512

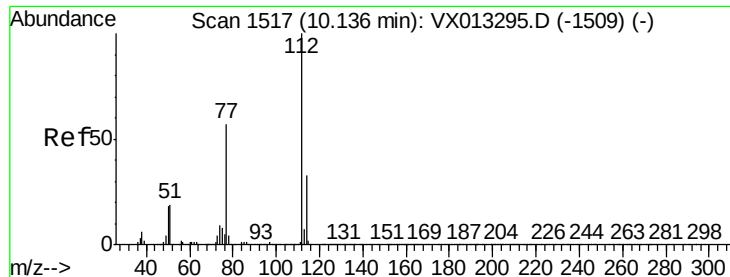
Delta R.T. -0.01 min

Lab File: VX013313.D

Acq: 01 Nov 2019 15:54

Tgt Ion:	117	Resp:	1003745
Ion Ratio	Lower	Upper	
117	100		
82	55.6	42.6	64.0
119	31.6	24.8	37.2





#65

Chlorobenzene

Concen: 20.349 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013313.D

Acq: 01 Nov 2019 15:54

Instrument :

MSVOA_X

ClientSampleId :

SS003MW326R-191031DL

Tgt Ion:112 Resp: 413524

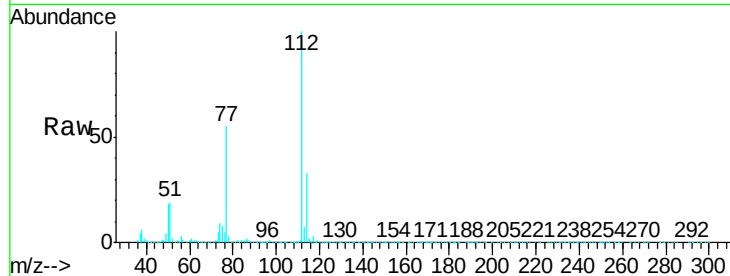
Ion Ratio Lower Upper

112 100

114 33.2 26.4 39.6

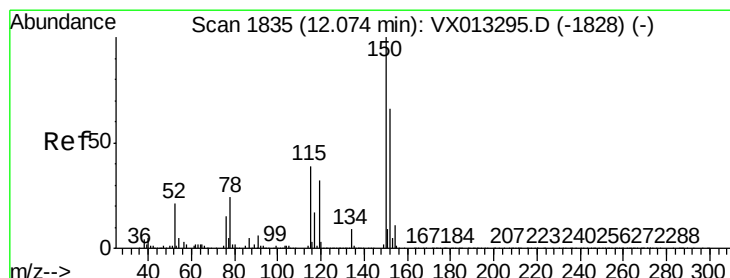
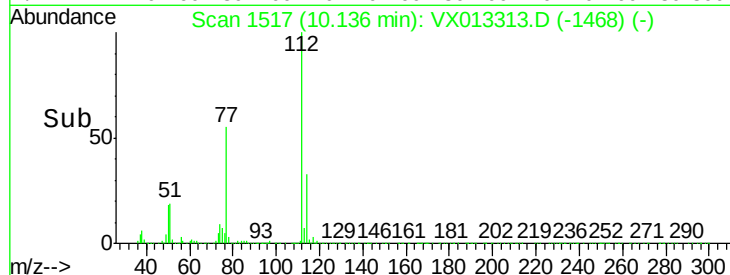
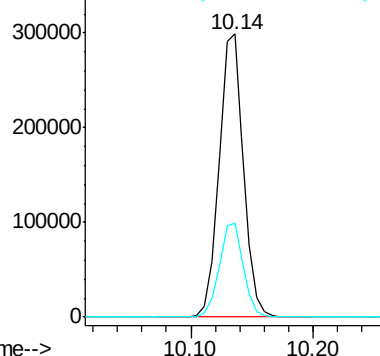
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013313.D

Acq: 01 Nov 2019 15:54

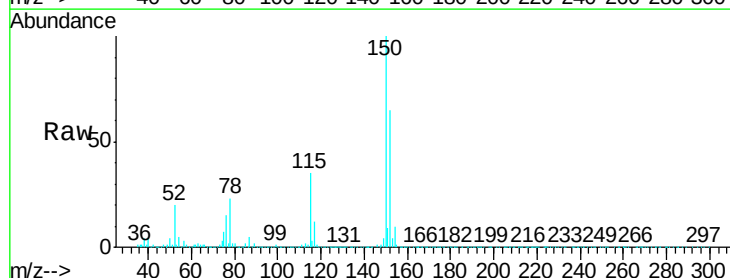
Tgt Ion:152 Resp: 469633

Ion Ratio Lower Upper

152 100

115 55.1 39.5 118.3

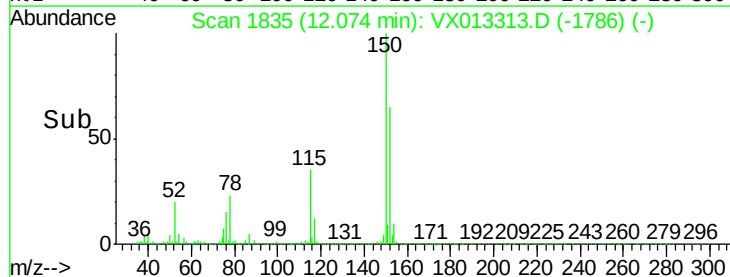
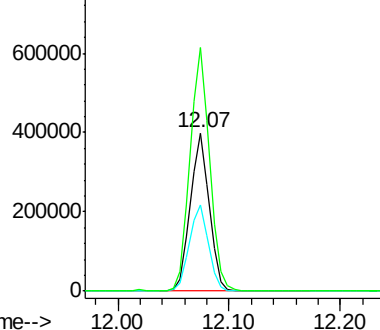
150 158.7 0.0 344.4

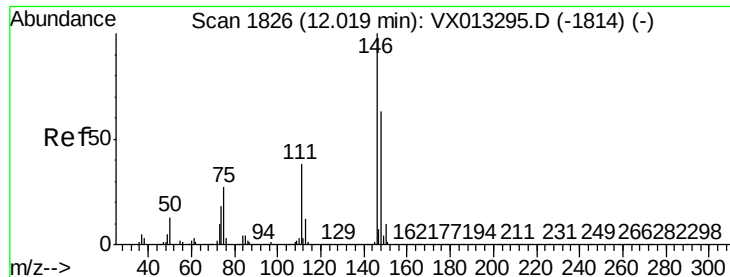


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





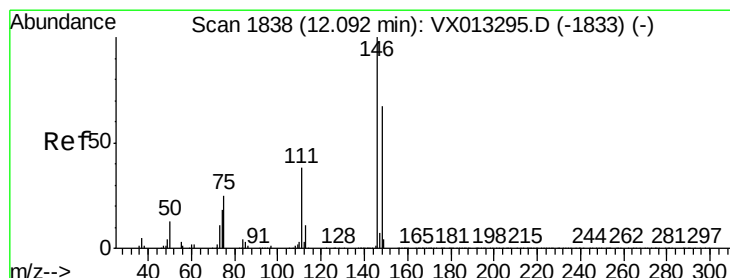
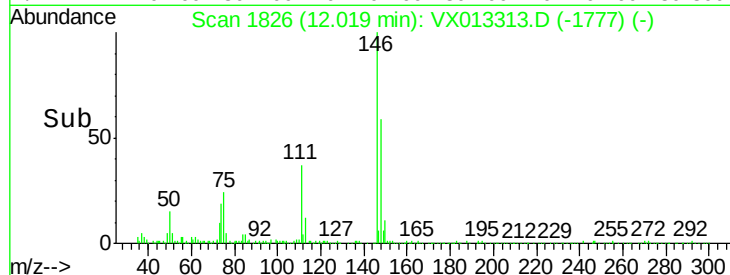
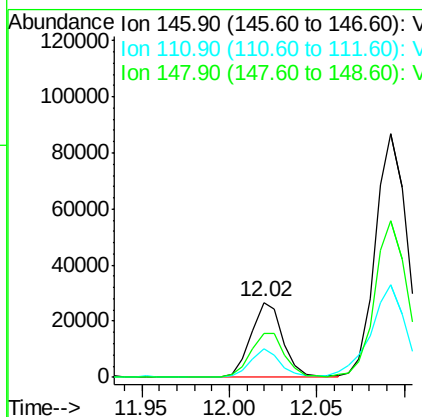
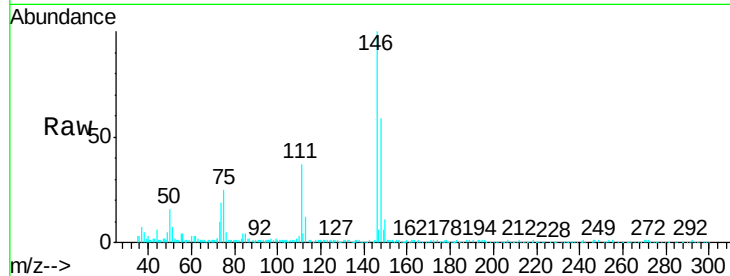
#87
 1,3-Dichlorobenzene
 Concen: 2.292 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013313.D
 Acq: 01 Nov 2019 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326R-191031DL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.4	18.9	56.5
148	63.4	31.9	95.7

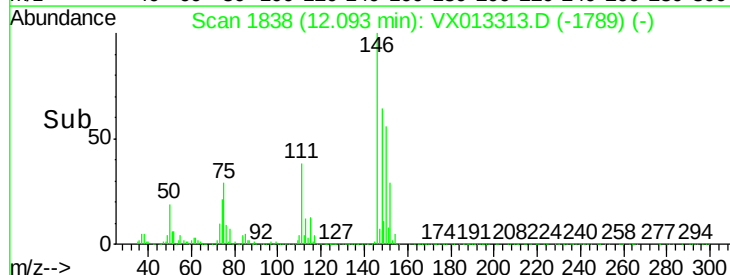
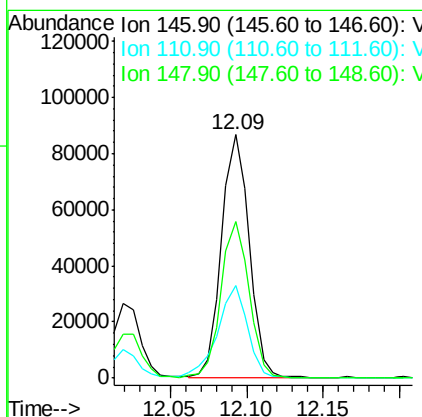
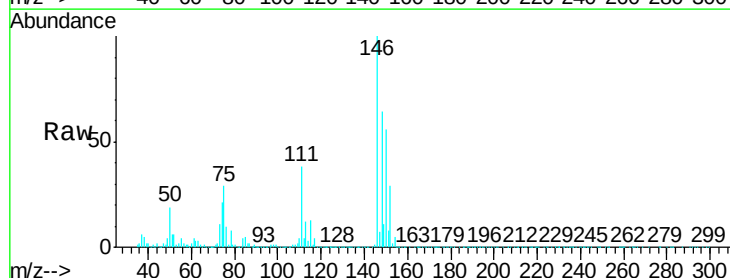
Manual Integrations
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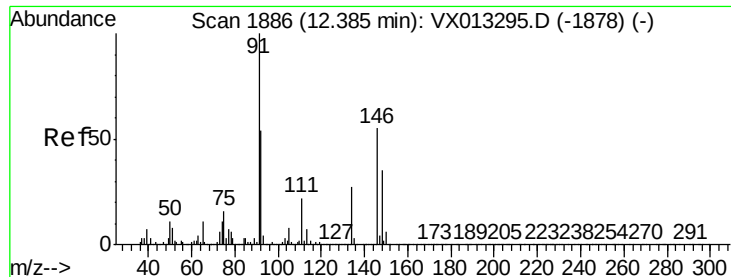
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#88
 1,4-Dichlorobenzene
 Concen: 7.209 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013313.D
 Acq: 01 Nov 2019 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	18.8	56.4
148	65.7	32.4	97.0





#91
 1,2-Dichlorobenzene
 Concen: 61.062 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013313.D
 Acq: 01 Nov 2019 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326R-191031DL

Tgt Ion:	146	Resp:	903128
Ion Ratio		Lower	Upper
146	100		
111	39.6	20.1	60.2
148	64.4	32.0	96.0

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 1:30:19 PM

