

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030920\
 Data File : VX015145.D
 Acq On : 09 Mar 2020 16:06
 Operator : JC/SP
 Sample : L1842-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20200304

Manual Integrations
 APPROVED

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 3/11/2020 4:45:14 PM

Quant Time: Mar 10 11:32:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	333238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	541462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	518415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265005	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	205339	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	5.49	113	168680	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.71	98	664067	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.13	95	235487	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	114870	36.609	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36544	11.285	ug/l	97
24) 1,1-Dichloroethane	3.69	63	14968	2.397	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	16581	4.274	ug/l	91
30) Chloroform	5.21	83	9745m	1.601	ug/l	
38) Carbon Tetrachloride	5.77	117	7472	1.581	ug/l #	89
44) Trichloroethene	7.21	130	8618802	2083.908	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	5161	1.381	ug/l #	84
64) Tetrachloroethene	9.33	164	16390	3.824	ug/l	96

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

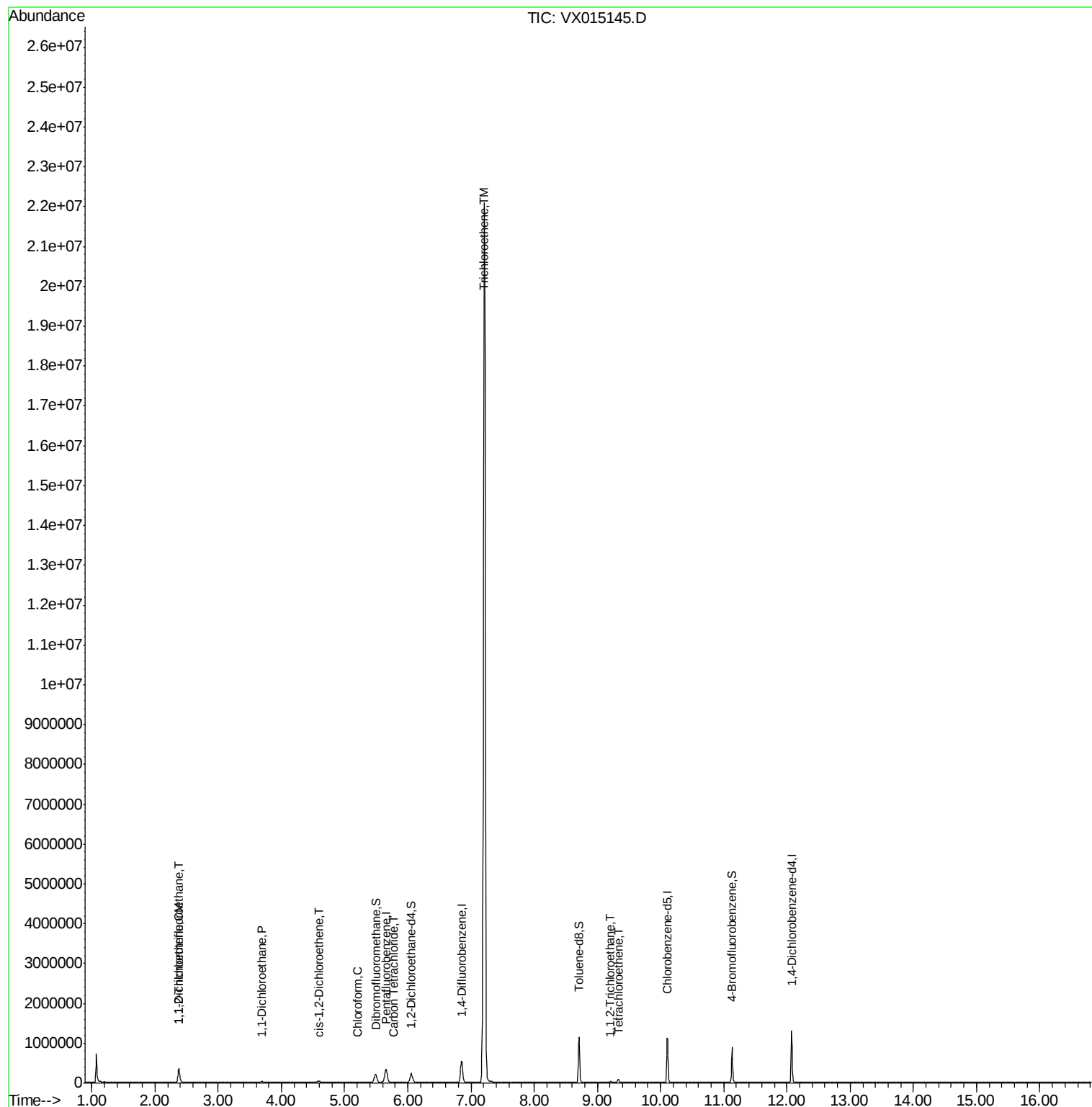
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Data File : VX015145.D
Acq On : 09 Mar 2020 16:06
Operator : JC/SP
Sample : L1842-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

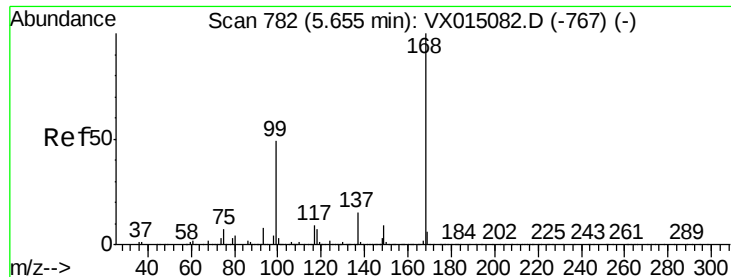
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20200304

Manual Integrations
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Quant Time: Mar 10 11:32:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015145.D

Acq: 09 Mar 2020 16:06

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20200304

Tot Ion:168 Resp: 333238

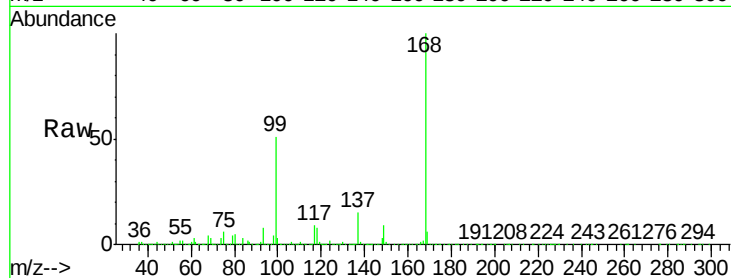
Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.2

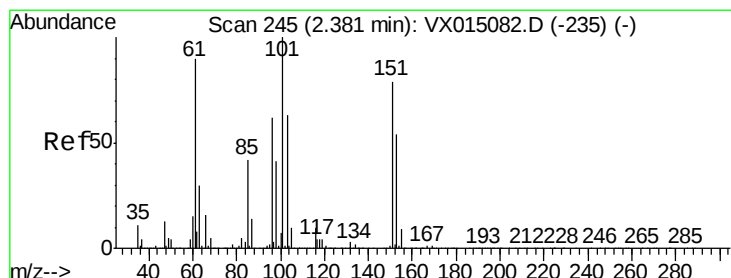
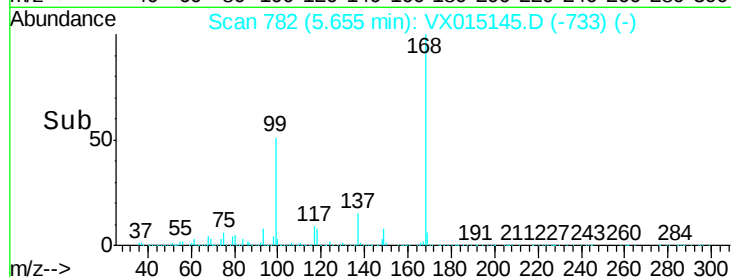
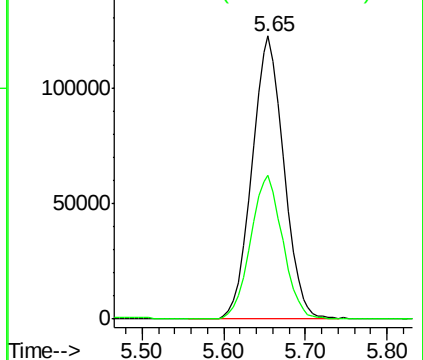
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 36.609 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015145.D

Acq: 09 Mar 2020 16:06

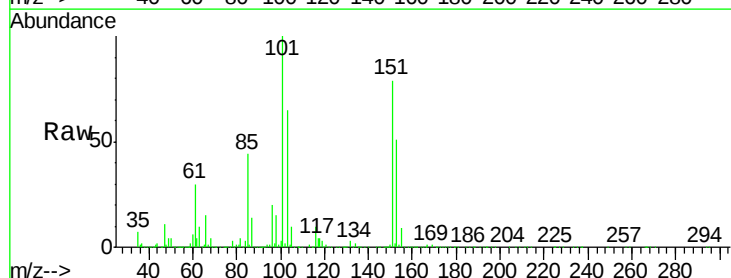
Tgt Ion:101 Resp: 114870

Ion Ratio Lower Upper

101 100

85 41.2 33.7 50.5

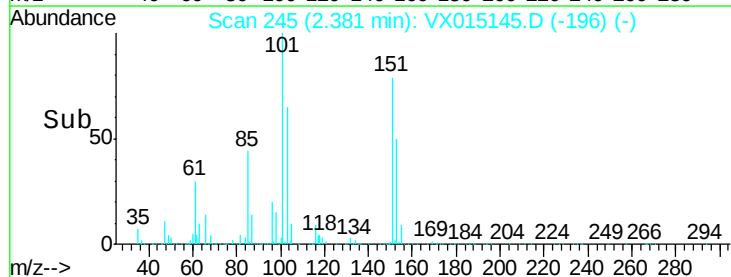
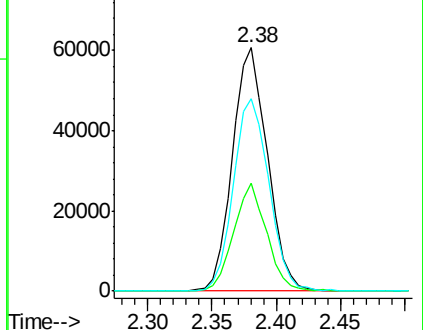
151 80.3 64.0 96.0

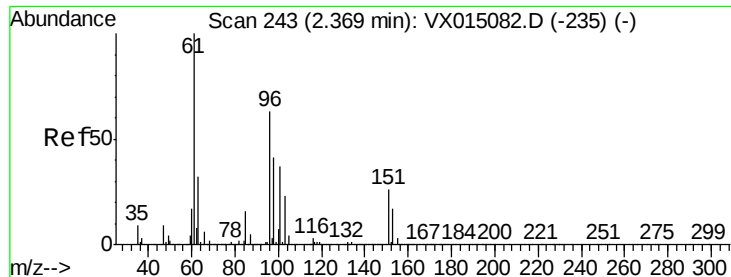


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 11.285 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015145.D

Acq: 09 Mar 2020 16:06

Instrument :

MSVOA_X

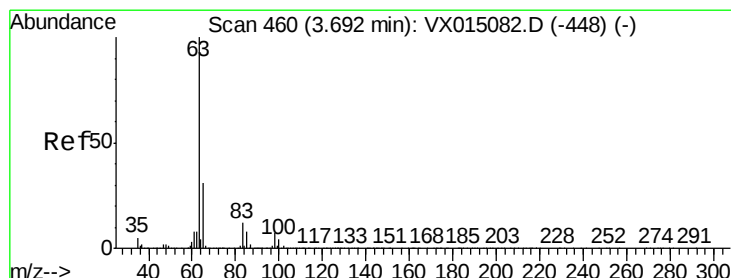
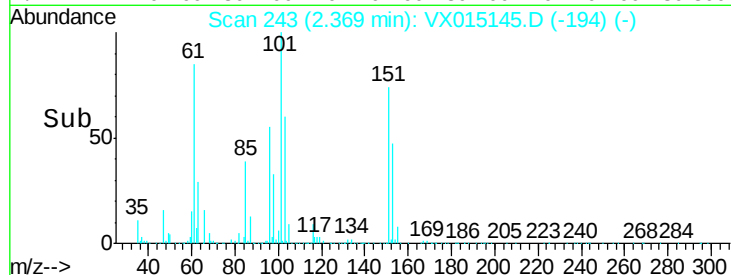
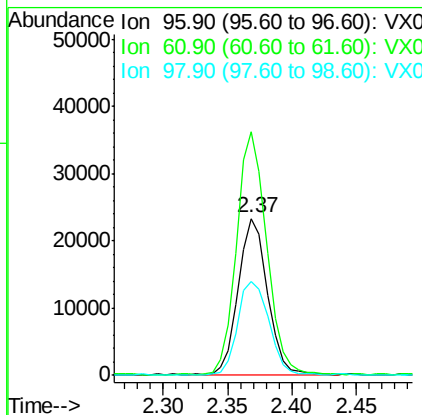
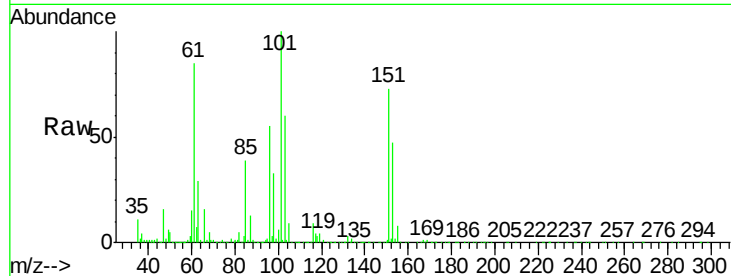
ClientSampleId :

RE132D6-20200304

Tot Ion:	96	Resp:	36544
Ion	Ratio	Lower	Upper
96	100		
61	155.3	126.2	189.4
98	59.4	51.4	77.0

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#24

1,1-Dichloroethane

Concen: 2.397 ug/l

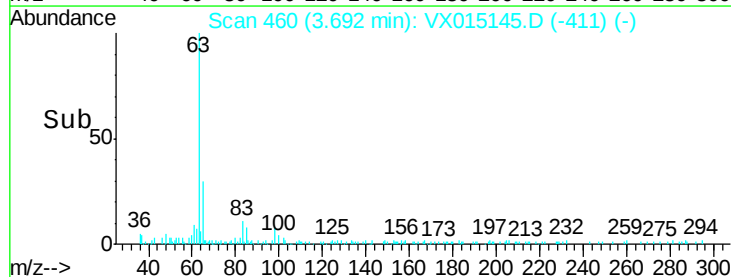
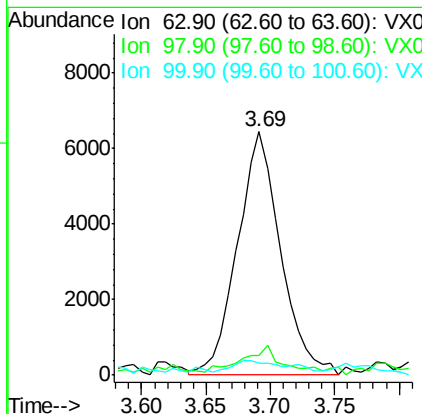
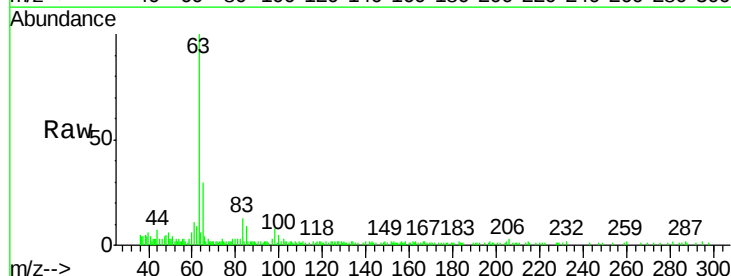
RT: 3.69 min Scan# 460

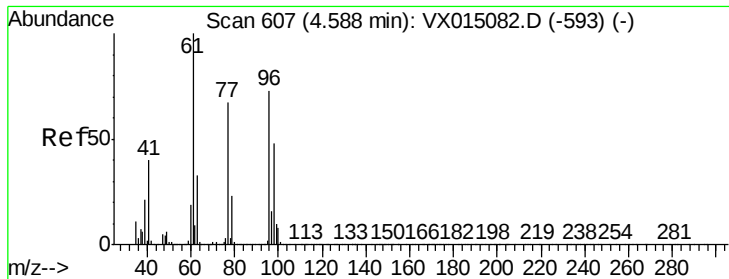
Delta R.T. 0.00 min

Lab File: VX015145.D

Acq: 09 Mar 2020 16:06

Tgt Ion:	63	Resp:	14968
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.7	11.1
100	3.6	2.1	6.5





#27

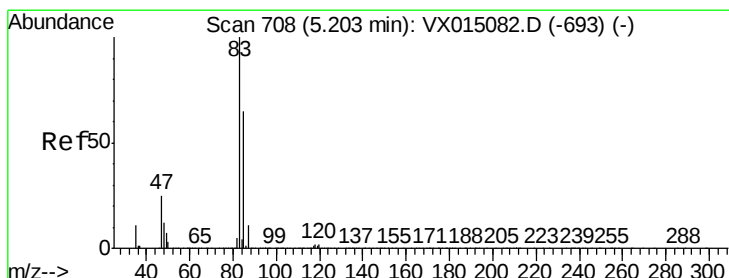
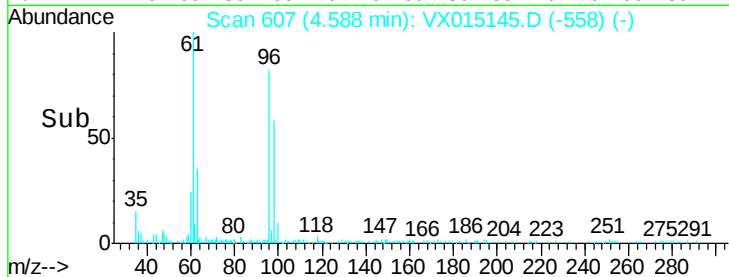
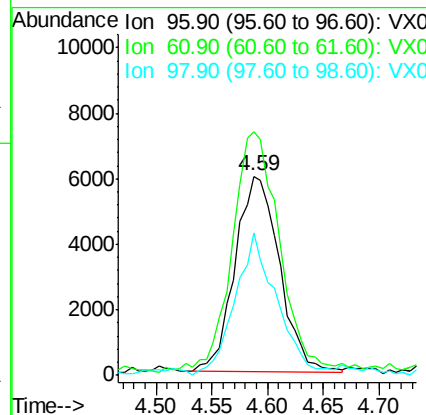
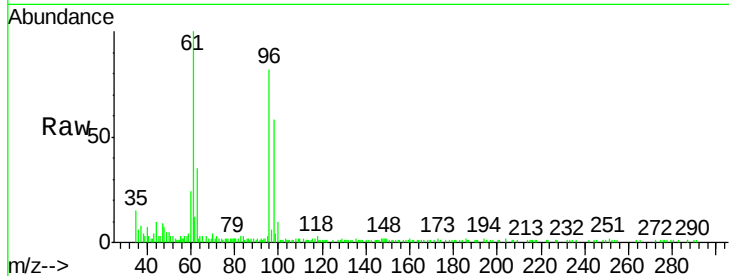
cis-1,2-Dichloroethene
Concen: 4.274 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015145.D
Acq: 09 Mar 2020 16:06

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20200304

Tot Ion	Ratio	Resp	Lower	Upper
96	100	16581		
61	130.8	0.0	286.8	
98	68.5	0.0	128.4	

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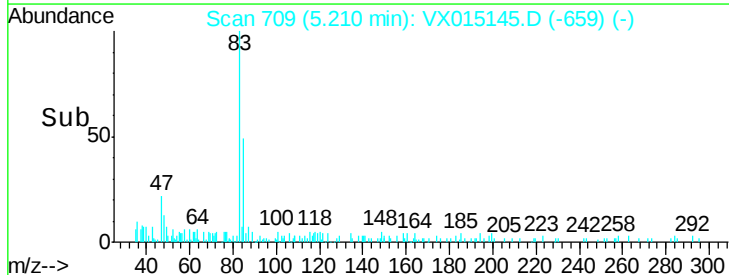
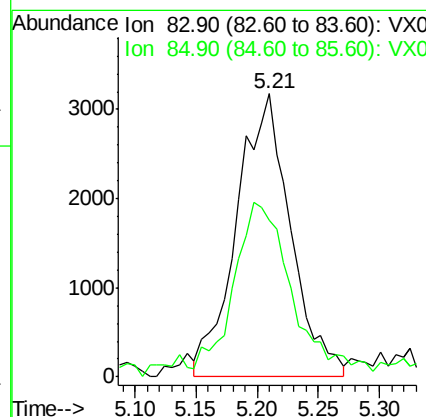
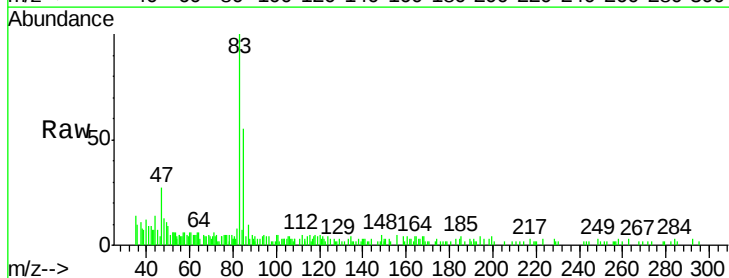
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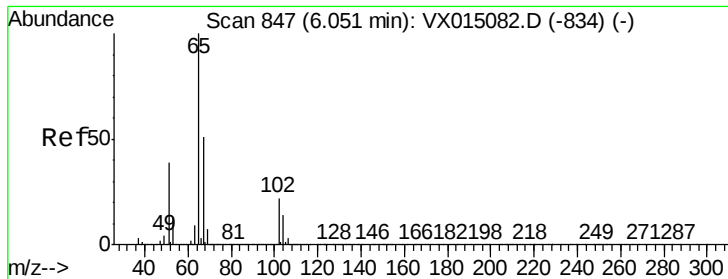


#30

Chloroform
Concen: 1.601 ug/l m
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX015145.D
Acq: 09 Mar 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	9745		
85	55.3	52.0	78.0	





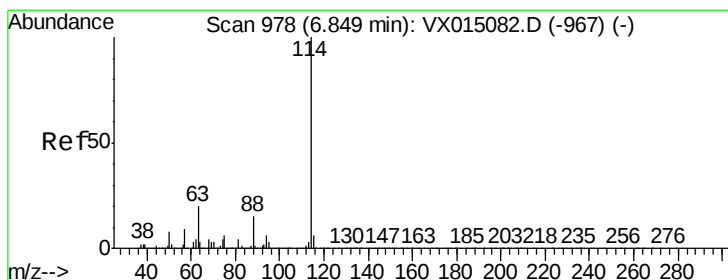
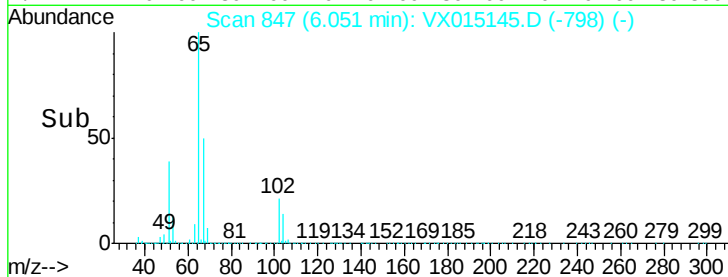
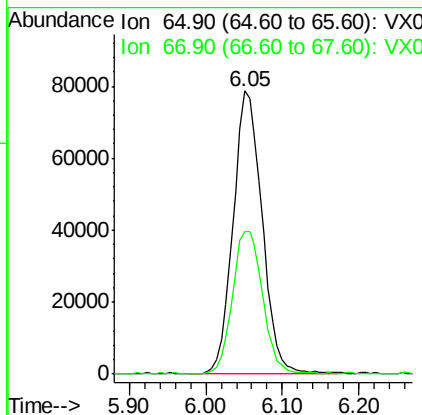
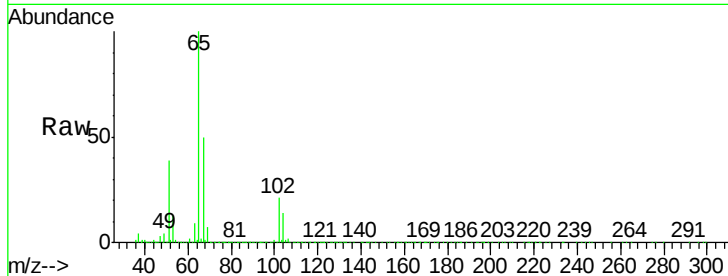
#33
 1,2-Dichloroethane-d4
 Concen: 51.939 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015145.D
 Acq: 09 Mar 2020 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20200304

Tot Ion	Ratio	Resp	Lower	Upper
65	100	205339		
67	52.9	0.0	105.6	

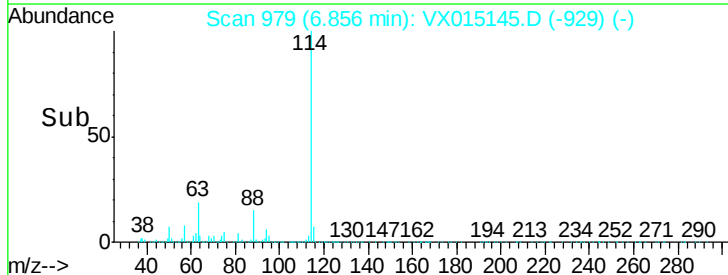
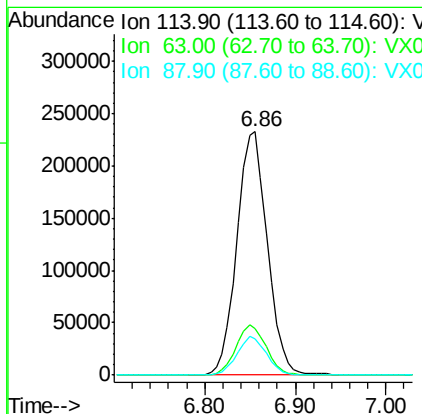
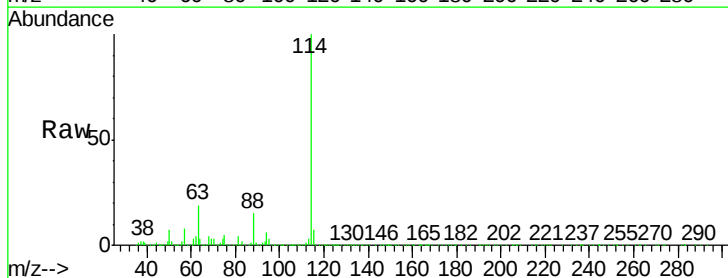
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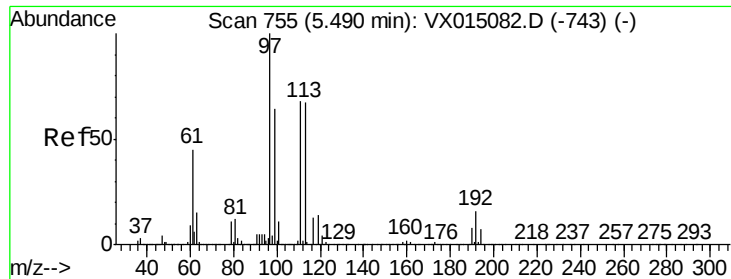
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX015145.D
 Acq: 09 Mar 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	541462		
63	19.0	0.0	40.0	
88	14.9	0.0	30.6	





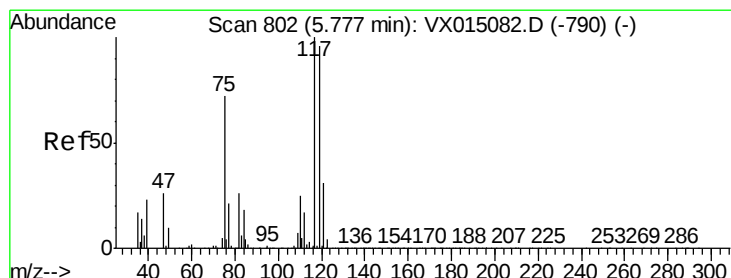
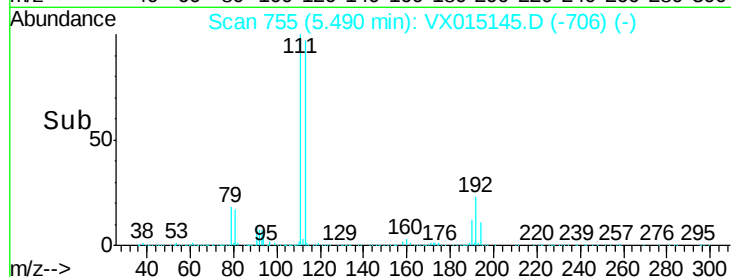
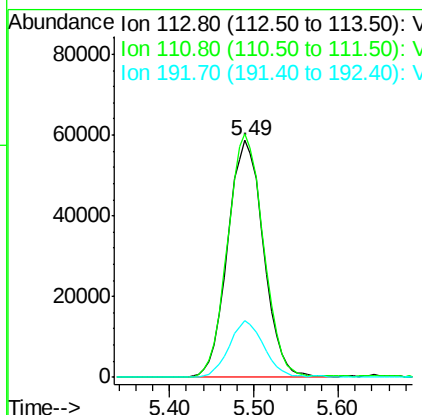
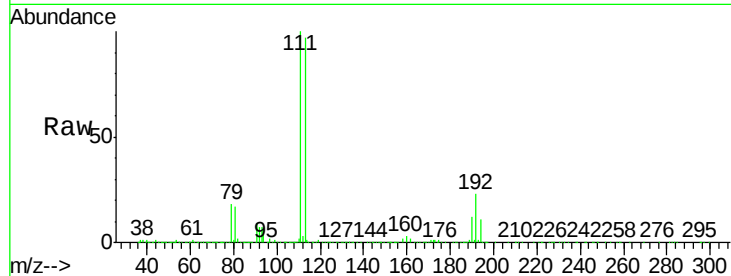
#35
Dibromofluoromethane
Concen: 49.381 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015145.D
Acq: 09 Mar 2020 16:06

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.0	82.6	123.8	
192	23.5	18.6	28.0	

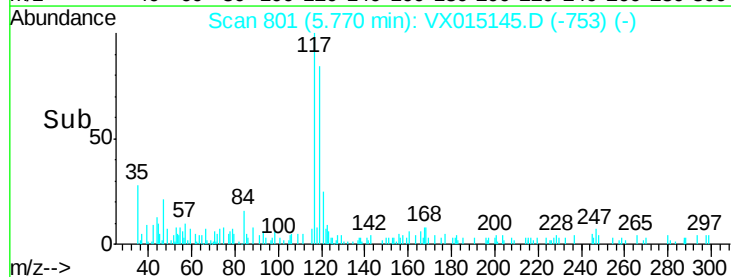
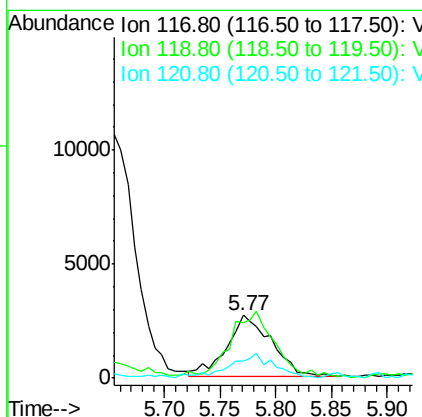
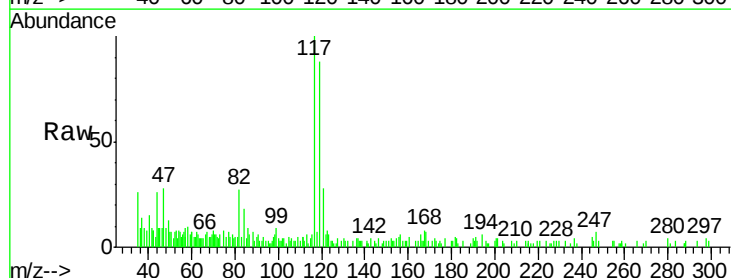
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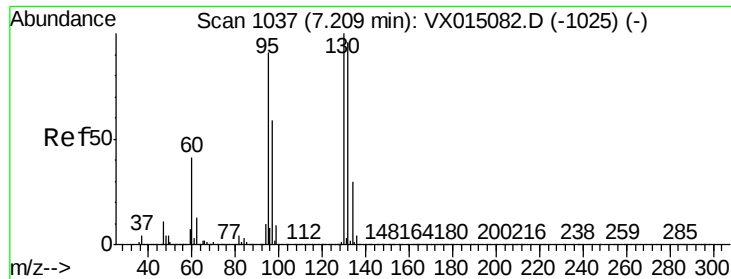
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#38
Carbon Tetrachloride
Concen: 1.581 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015145.D
Acq: 09 Mar 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	86.6	76.9	115.3	
121	23.5	24.6	37.0	





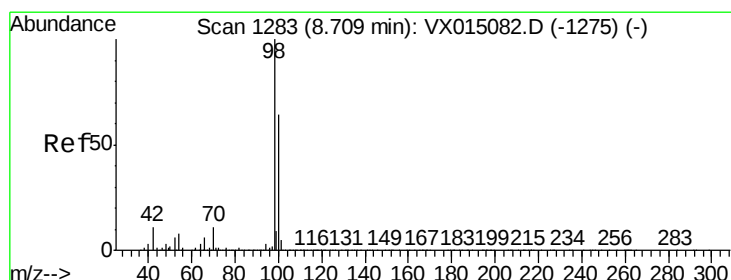
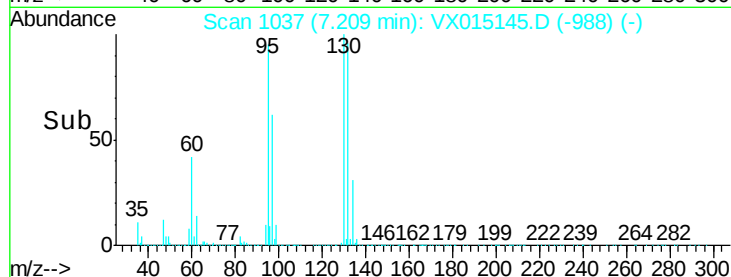
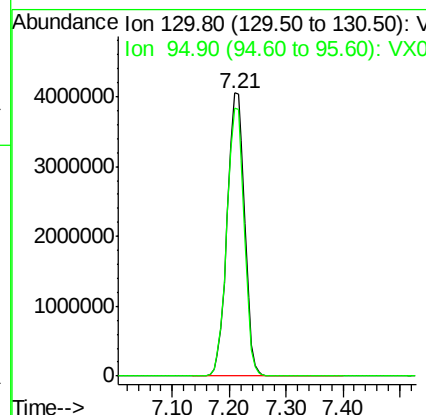
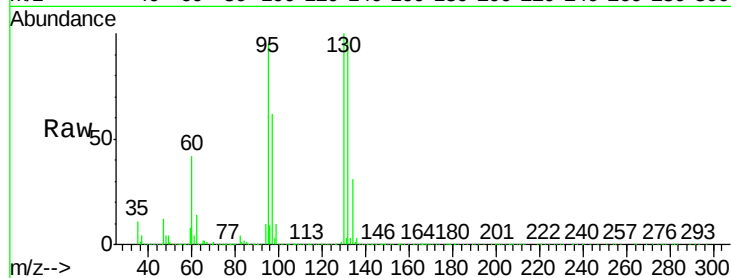
#44
 Trichloroethene
 Concen: 2083.908 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015145.D
 Acq: 09 Mar 2020 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
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Tot Ion:130 Resp: 8618802
 Ion Ratio Lower Upper
 130 100
 95 94.5 0.0 181.2

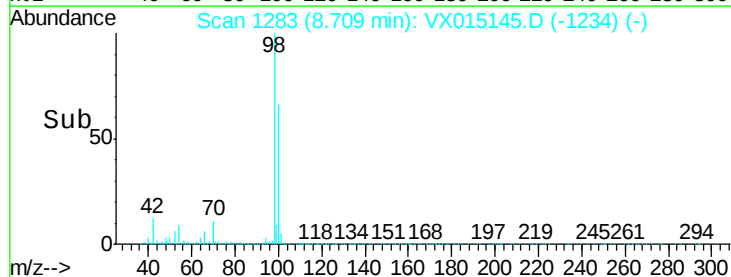
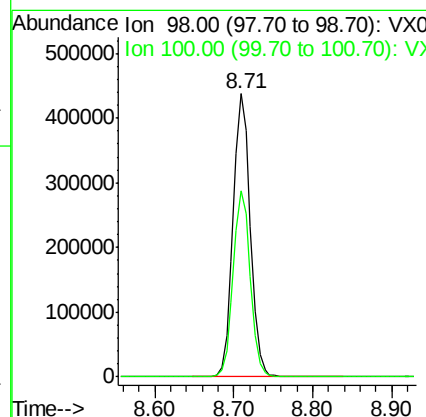
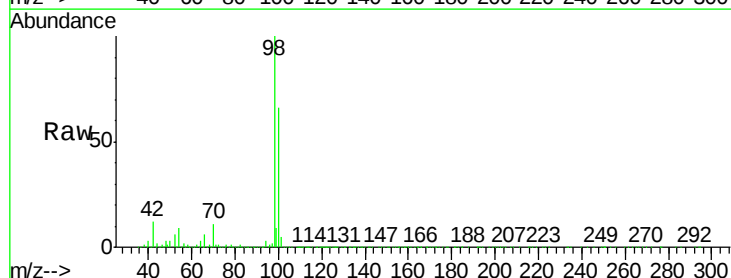
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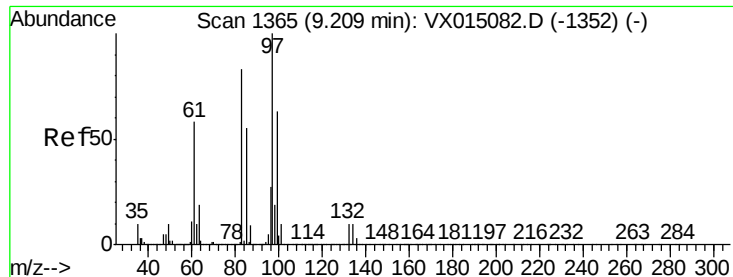
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#50
 Toluene-d8
 Concen: 51.107 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX015145.D
 Acq: 09 Mar 2020 16:06

Tgt Ion: 98 Resp: 664067
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.4 78.6





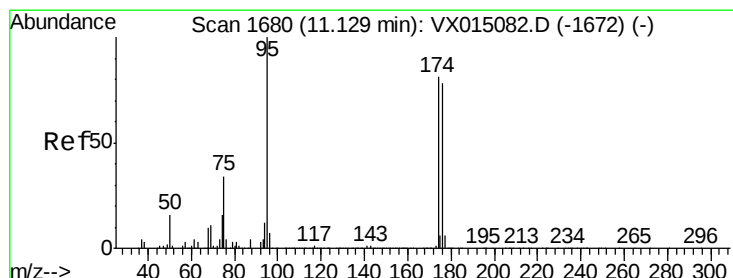
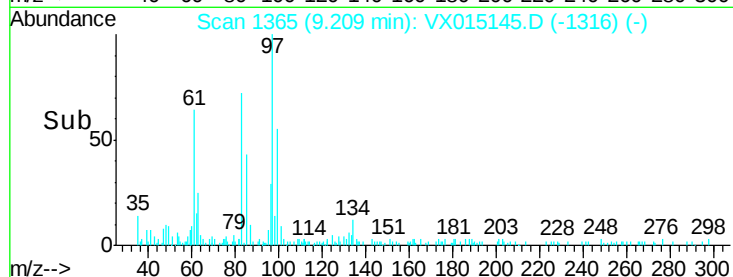
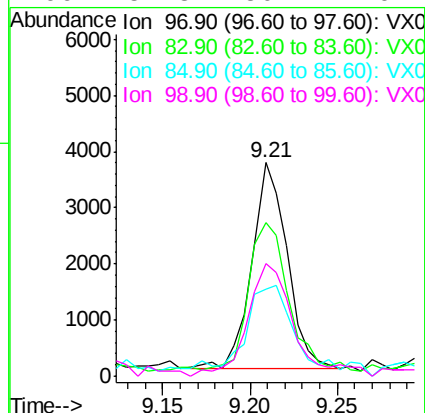
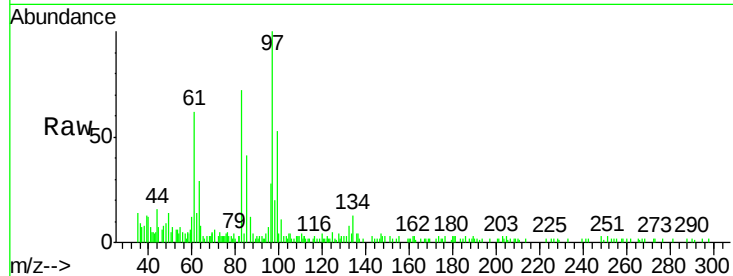
#55
 1,1,2-Trichloroethane
 Concen: 1.381 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015145.D
 Acq: 09 Mar 2020 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20200304

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		5161		
83	70.1	66.4	99.6		
85	39.5	43.5	65.3		
99	51.8	50.7	76.1		

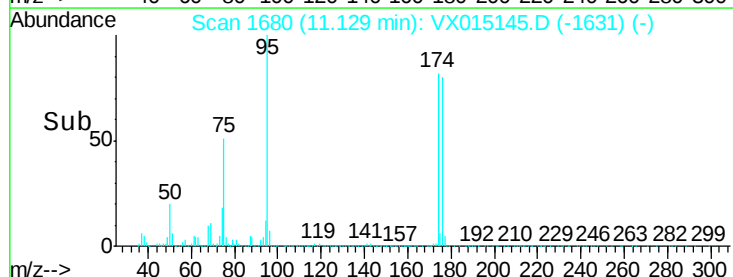
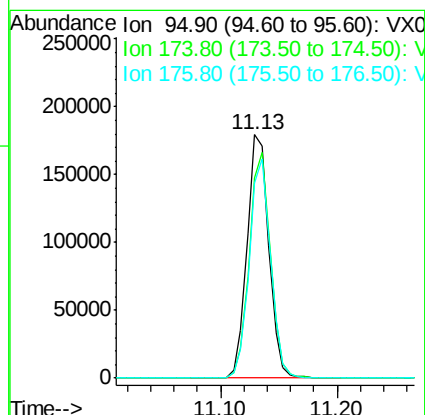
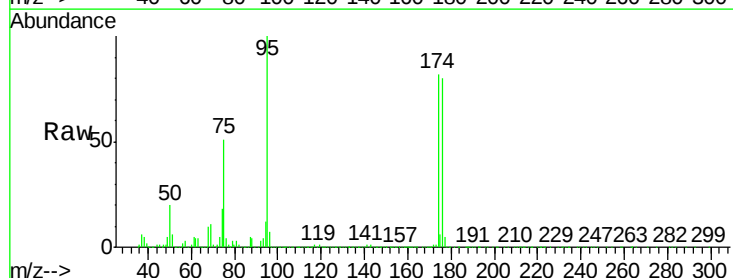
Manual Integrations
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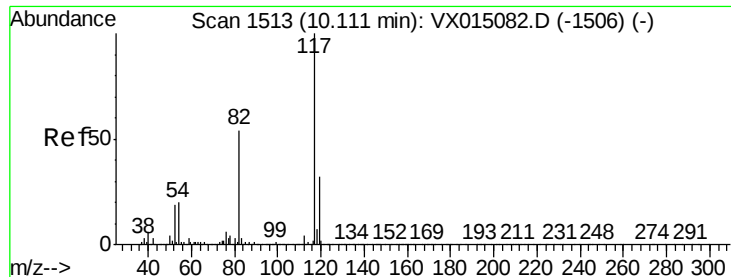
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#62
 4-Bromofluorobenzene
 Concen: 50.810 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015145.D
 Acq: 09 Mar 2020 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		235487		
174	90.4	0.0	177.6		
176	88.2	0.0	170.2		





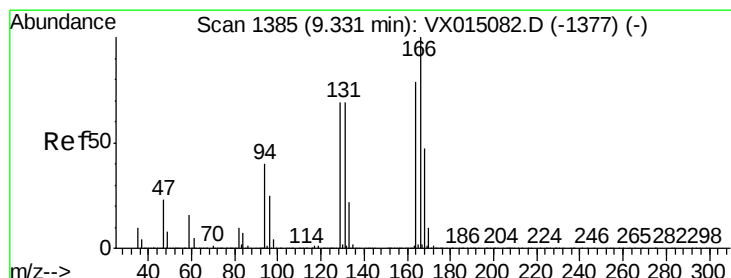
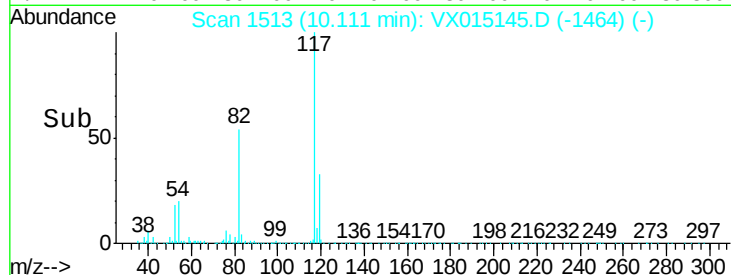
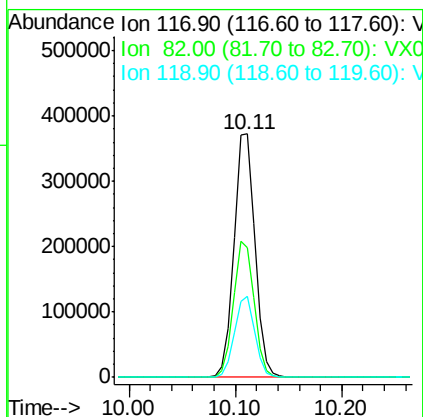
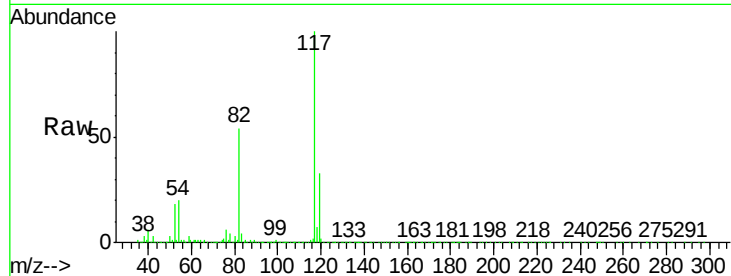
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015145.D
Acq: 09 Mar 2020 16:06

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20200304

Tot Ion	Ratio	Resp	Lower	Upper
117	100	518415		
82	53.5	43.3	64.9	
119	33.3	25.8	38.8	

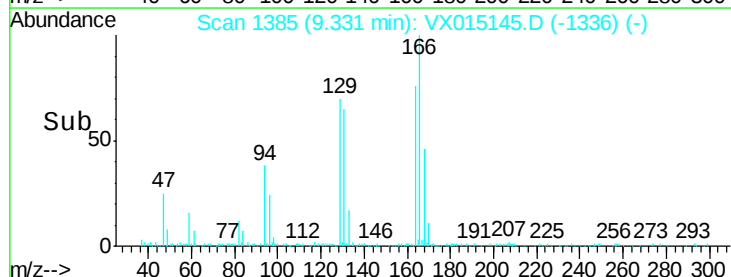
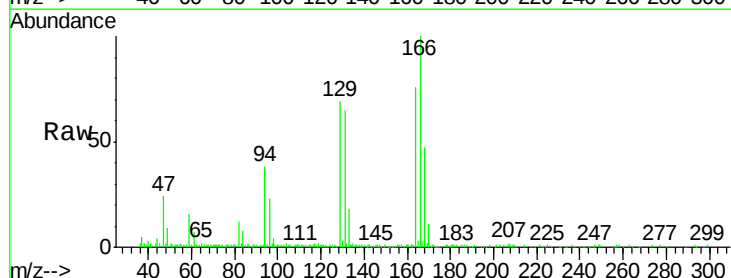
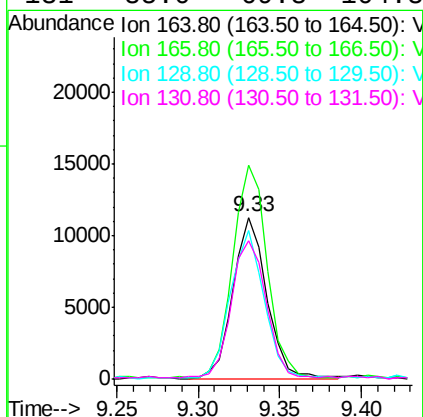
Manual Integrations
APPROVED

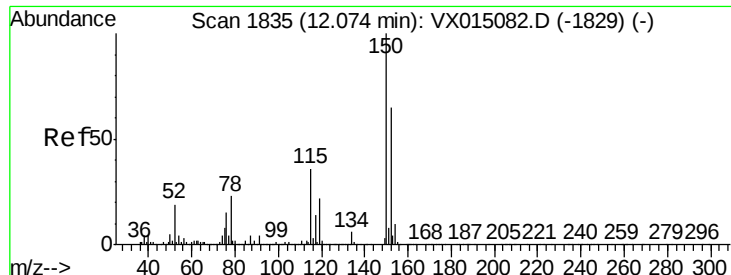
MMDadoda
3/11/2020 4:45:14 PM



#64
Tetrachloroethene
Concen: 3.824 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015145.D
Acq: 09 Mar 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	16390		
166	131.8	101.1	151.7	
129	90.9	69.4	104.0	
131	85.0	69.8	104.8	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015145.D

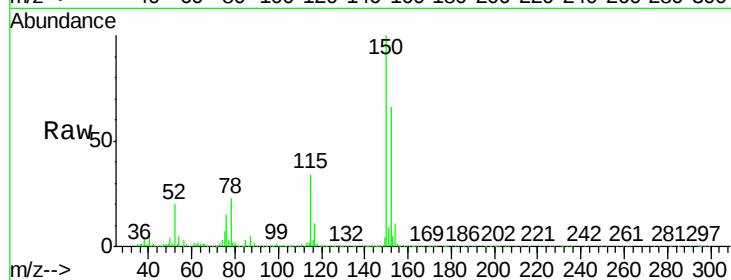
Acq: 09 Mar 2020 16:06

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20200304



Tot Ion	Ratio	Resp	Lower	Upper
152	100			
115	54.0	38.2	114.6	
150	154.6	0.0	343.8	

Manual Integrations
APPROVED

MMDadoda
3/11/2020 4:45:14 PM

