

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016090.D
 Acq On : 07 May 2020 13:47
 Operator : JC/SP
 Sample : L2543-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-200503

Manual Integrations
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MMDadoda
 5/8/2020 11:51:31 AM

Quant Time: May 08 04:53:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	483538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	468752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	245493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	182193	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	5.46	113	142241	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	8.70	98	595098	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.12	95	237989	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	18167	4.683	ug/l	97
16) Acetone	2.42	43	2074	1.194	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	241763	64.537	ug/l	89
40) Benzene	6.12	78	4037	0.290	ug/l	93
42) 1,2-Dichloroethane	6.17	62	2111	0.421	ug/l	99
44) Trichloroethene	7.20	130	7847	1.586	ug/l	99
64) Tetrachloroethene	9.32	164	7964	1.384	ug/l	86
65) Chlorobenzene	10.12	112	252864	25.763	ug/l	98
83) tert-Butylbenzene	11.76	119	6753	0.520	ug/l	94
87) 1,3-Dichlorobenzene	12.01	146	2575	0.311	ug/l	92
88) 1,4-Dichlorobenzene	12.08	146	5869m	0.699	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	2902	0.364	ug/l	94

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

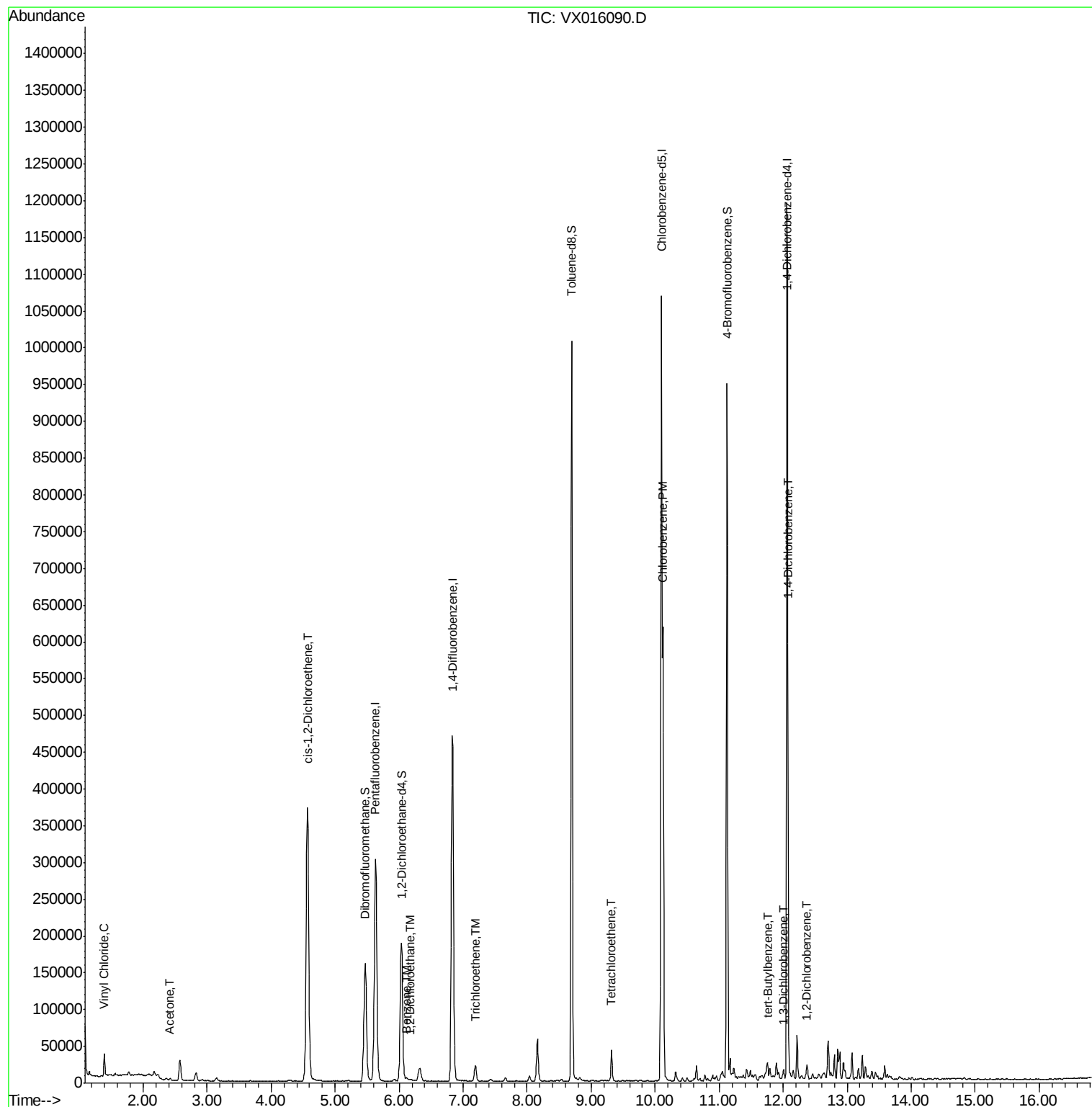
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050720\
Data File : VX016090.D
Acq On : 07 May 2020 13:47
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Quant Time: May 08 04:53:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

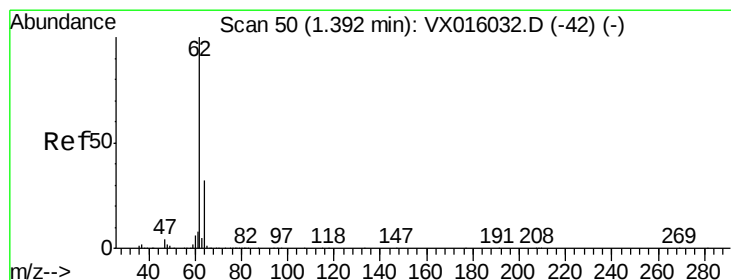
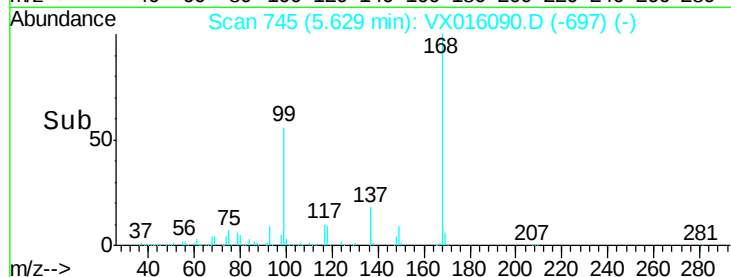
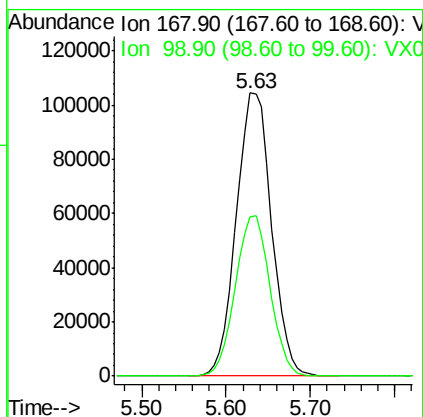
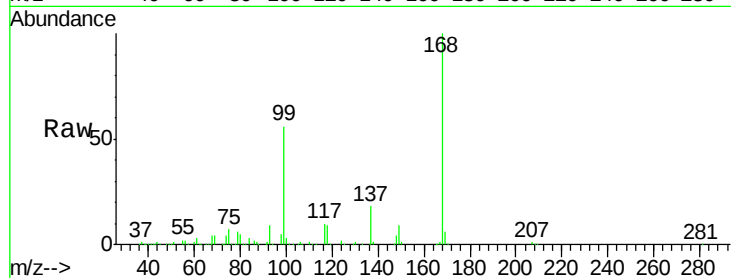
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016090.D
 Acq: 07 May 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-200503

Tot Ion	Ratio	Resp	Lower	Upper
168	100	295806		
99	56.1	45.0	67.4	

Manual Integrations
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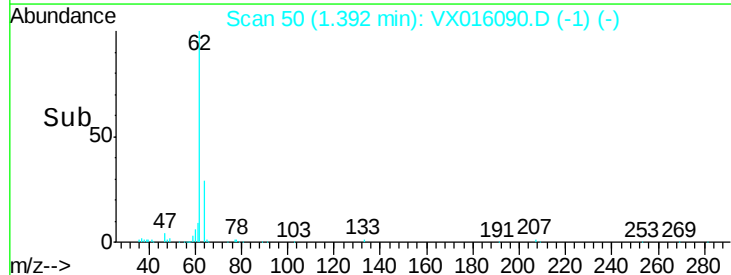
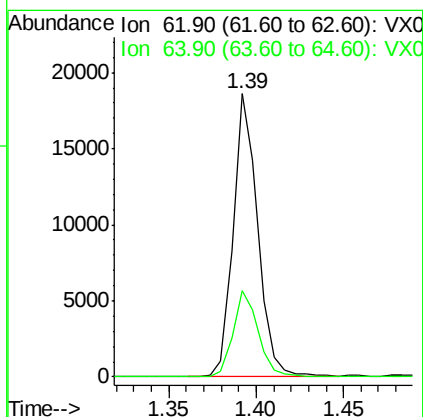
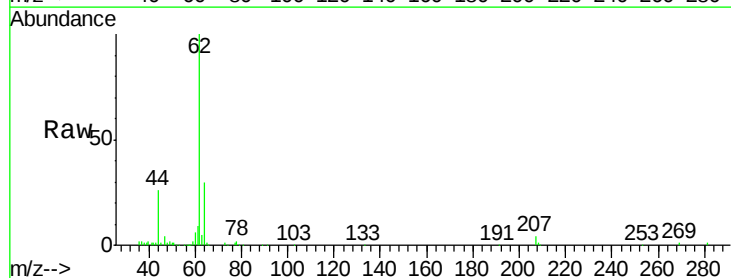
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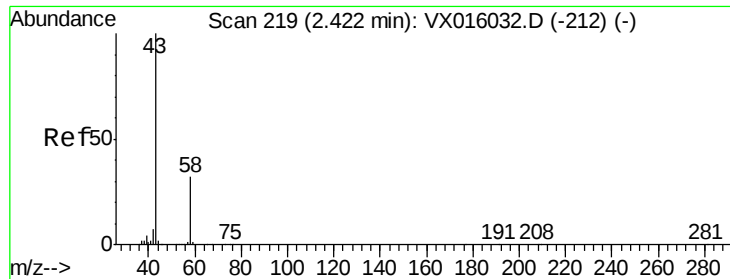


#4

Vinyl Chloride
 Concen: 4.683 ug/l
 RT: 1.39 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX016090.D
 Acq: 07 May 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	18167		
64	30.5	25.7	38.5	





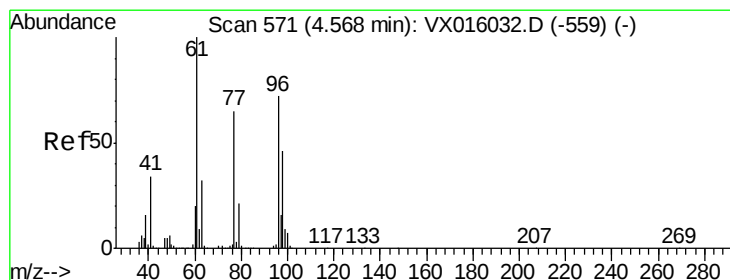
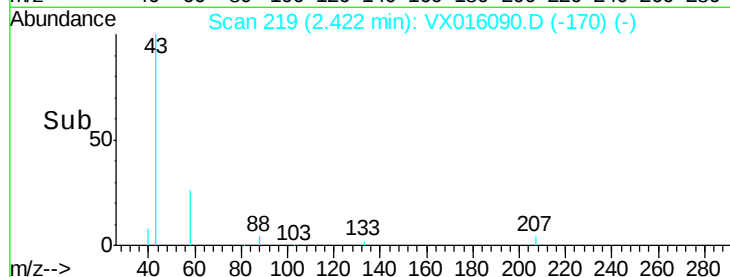
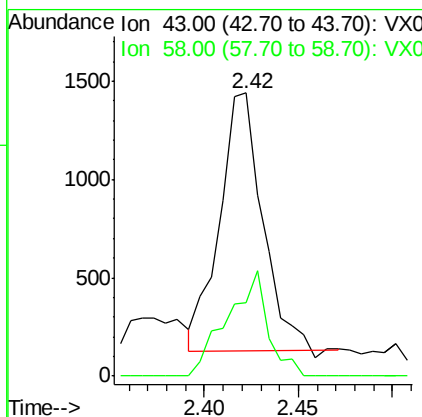
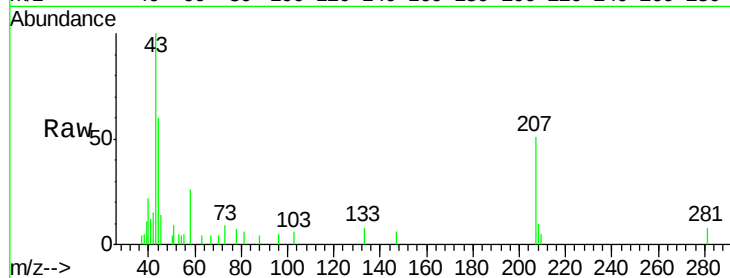
#16
Acetone
Concen: 1.194 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX016090.D
Acq: 07 May 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
SS038RW082-200503

Tot Ion: 43 Resp: 2074
Ion Ratio Lower Upper
43 100
58 28.6 25.4 38.0

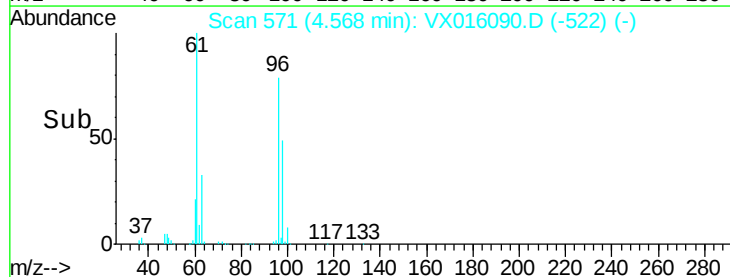
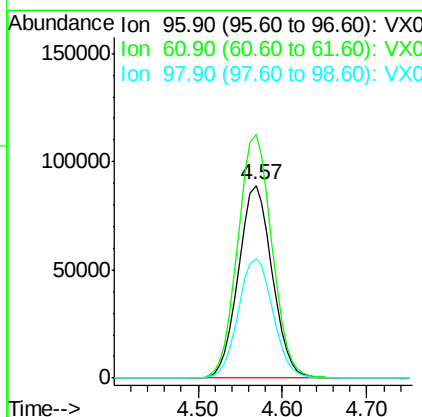
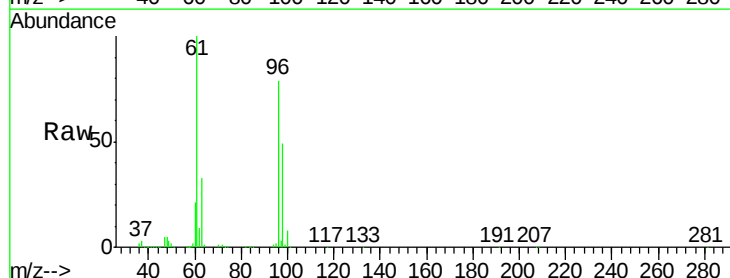
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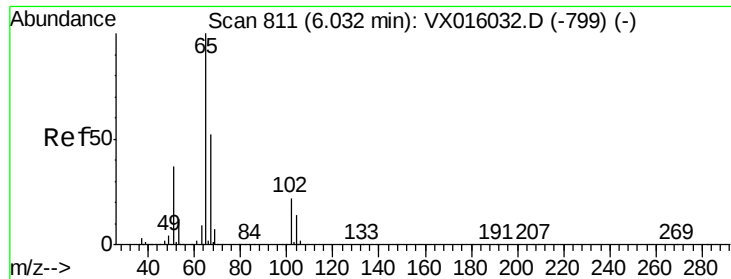
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#27
cis-1,2-Dichloroethene
Concen: 64.537 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016090.D
Acq: 07 May 2020 13:47

Tgt Ion: 96 Resp: 241763
Ion Ratio Lower Upper
96 100
61 128.0 0.0 296.2
98 63.7 0.0 129.4





#33

1,2-Dichloroethane-d4

Concen: 46.806 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016090.D

Acq: 07 May 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-200503

Tot Ion: 65 Resp: 182193

Ion Ratio Lower Upper

65 100

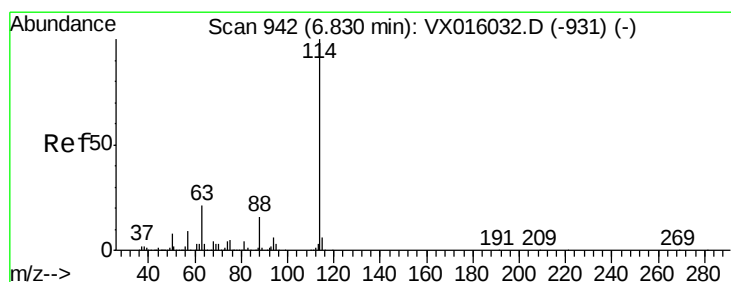
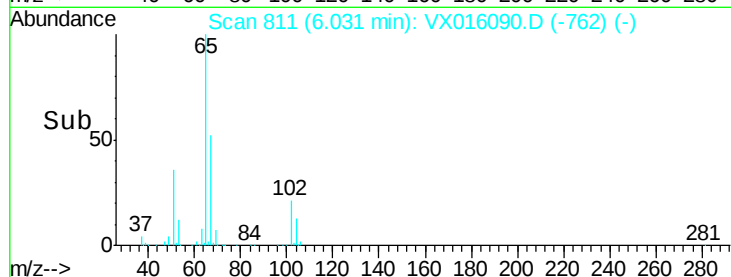
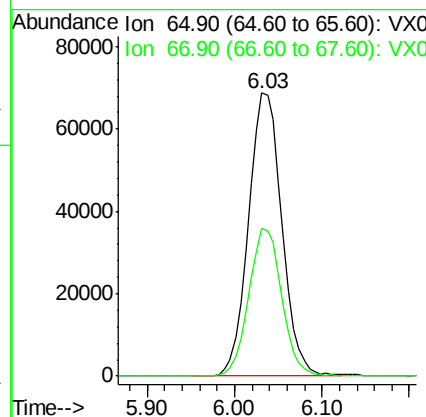
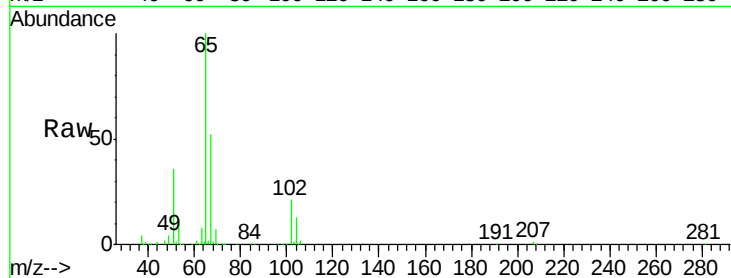
67 51.6 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016090.D

Acq: 07 May 2020 13:47

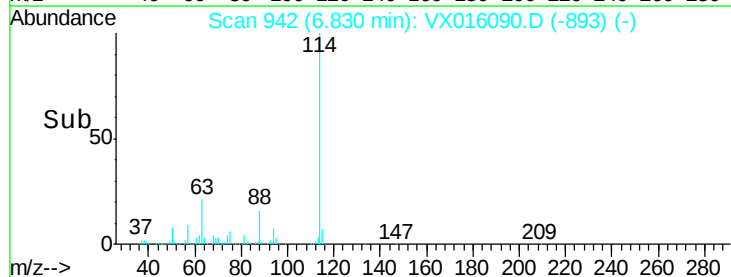
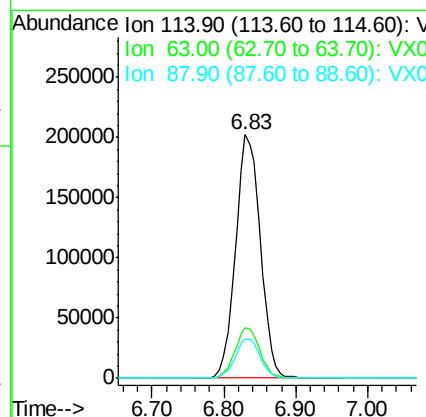
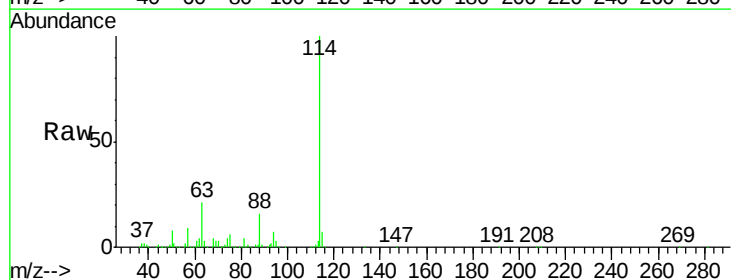
Tgt Ion: 114 Resp: 483538

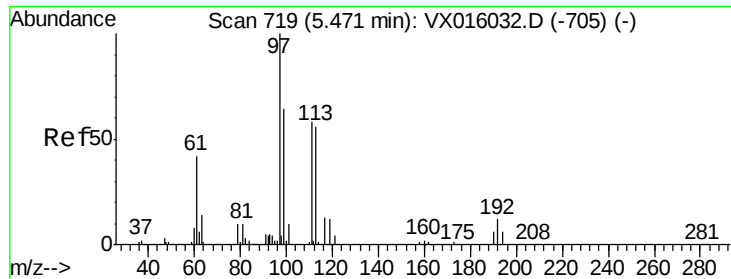
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 16.0 0.0 31.4





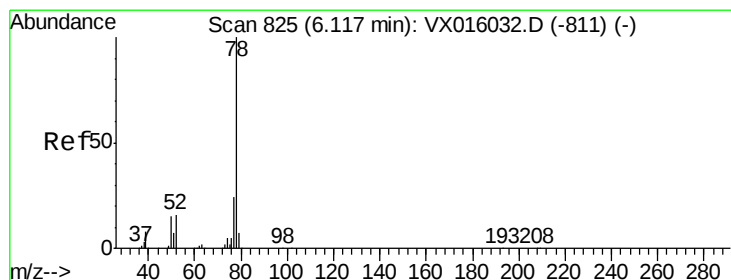
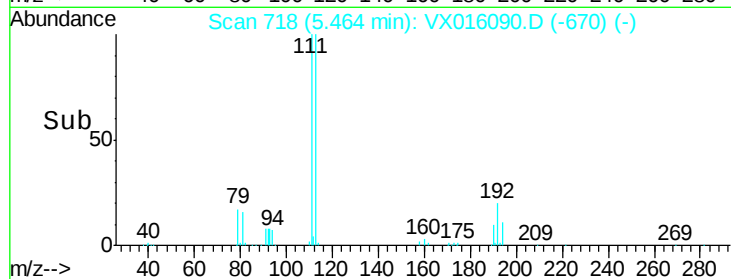
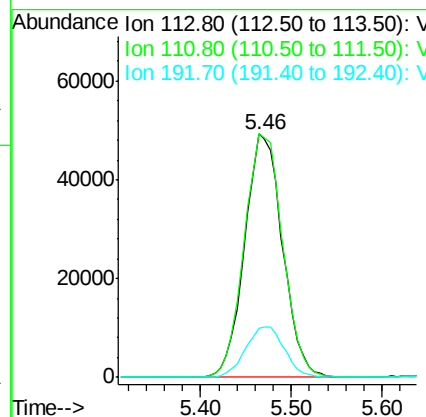
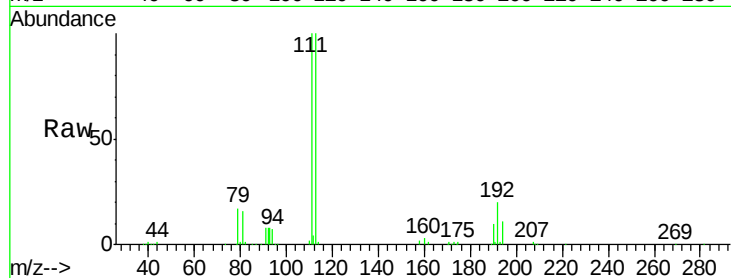
#35
Dibromofluoromethane
Concen: 46.432 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016090.D
Acq: 07 May 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
SS038RW082-200503

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	21.3	17.0	25.4

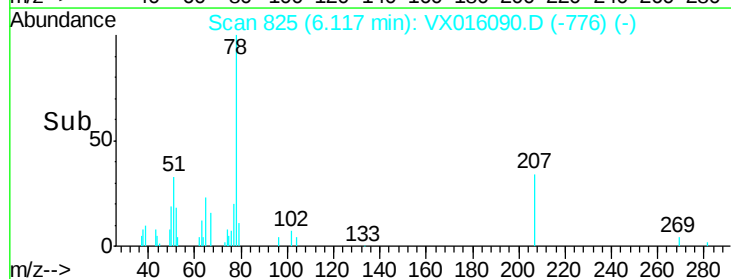
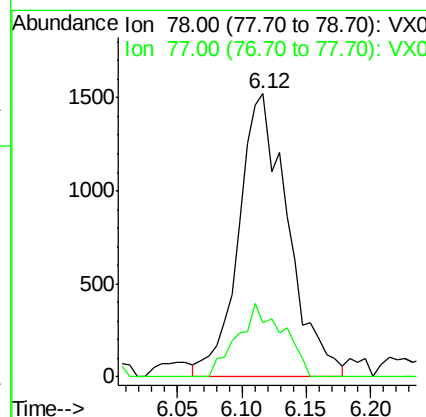
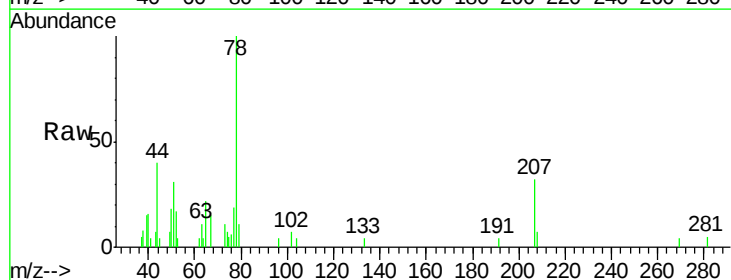
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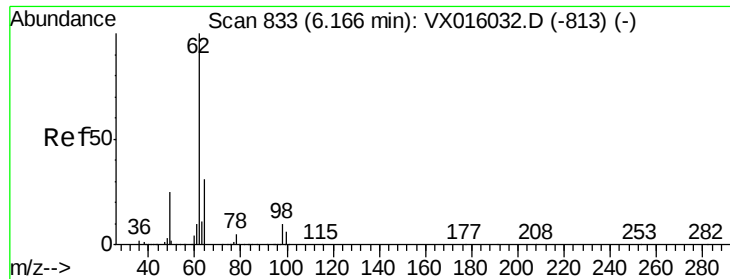
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#40
Benzene
Concen: 0.290 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016090.D
Acq: 07 May 2020 13:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.1	19.0	28.4





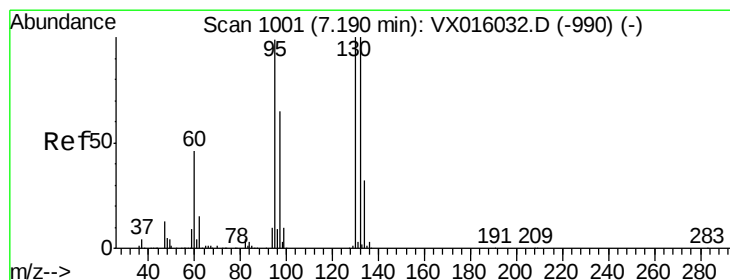
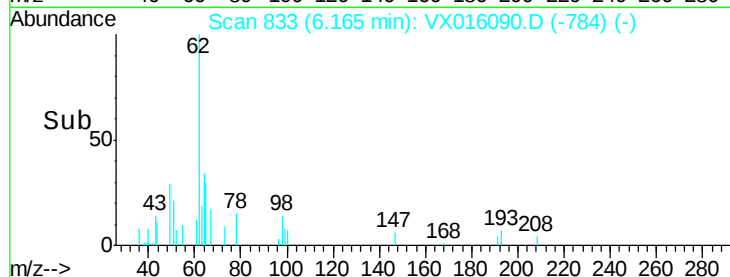
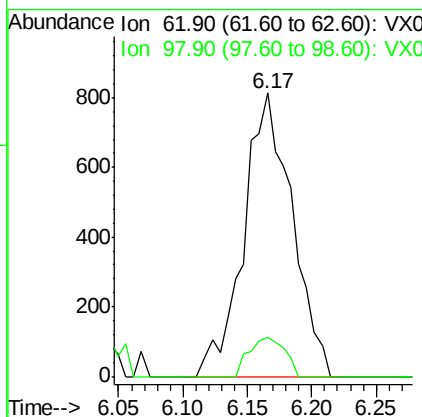
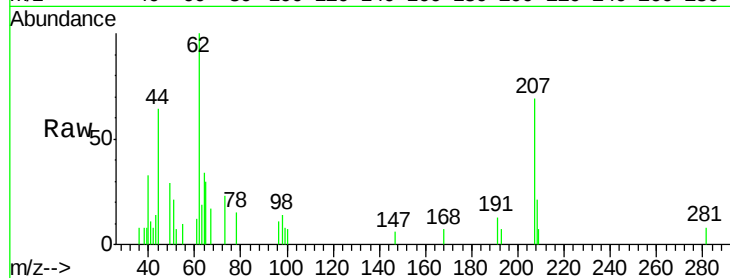
#42
1,2-Dichloroethane
Concen: 0.421 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016090.D
Acq: 07 May 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
SS038RW082-200503

Tot Ion	Ratio	Resp	Lower	Upper
62	100	2111		
98	10.0	0.0	19.4	

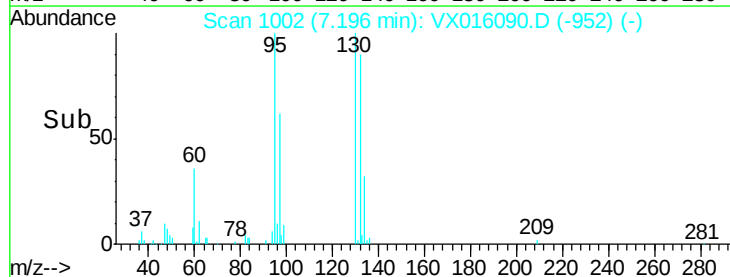
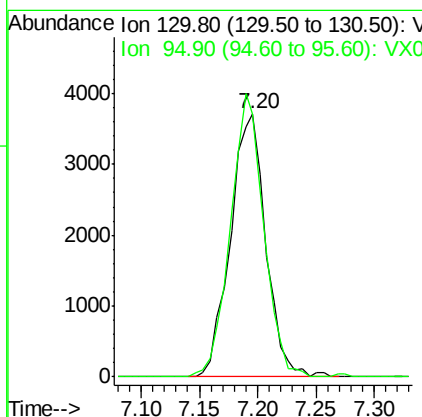
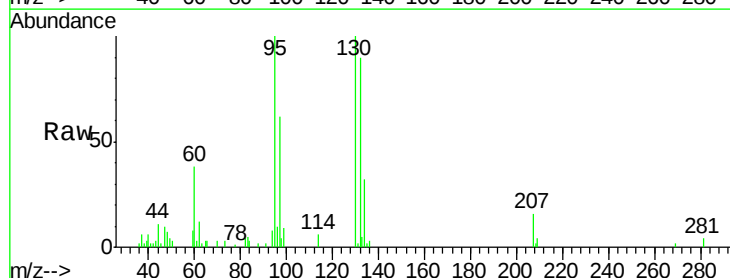
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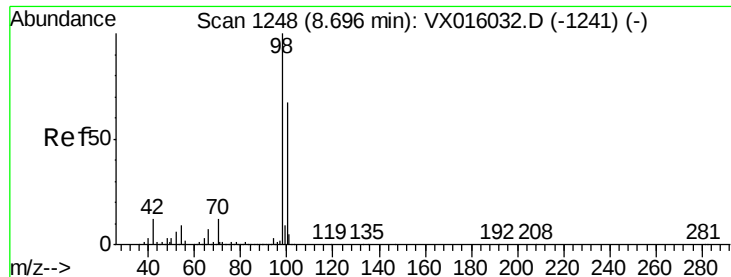
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#44
Trichloroethene
Concen: 1.586 ug/l
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX016090.D
Acq: 07 May 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	7847		
95	99.8	0.0	197.4	





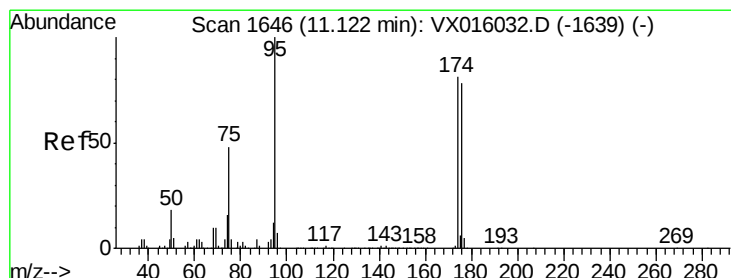
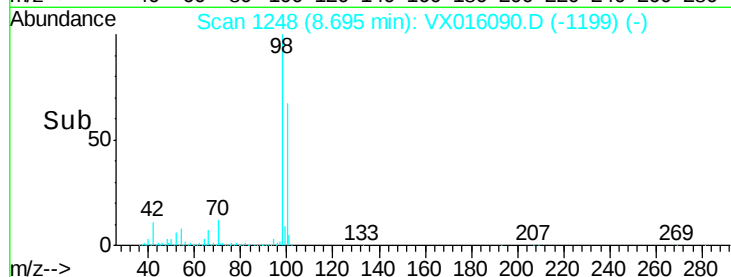
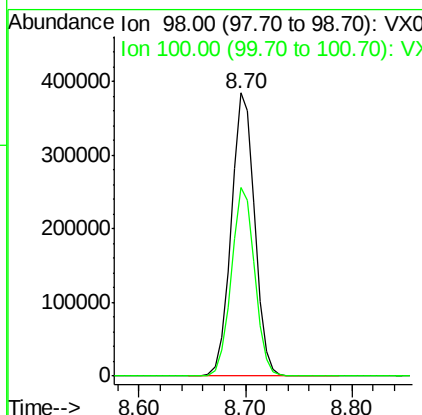
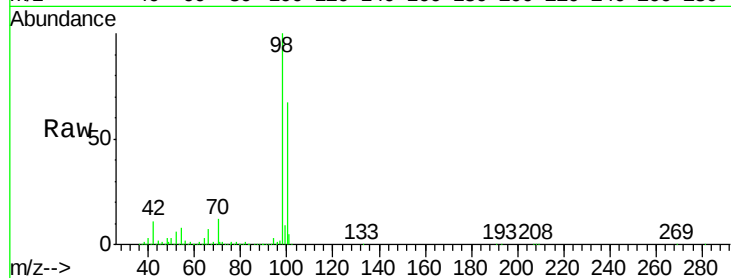
#50
Toluene-d8
Concen: 50.417 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016090.D
Acq: 07 May 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
SS038RW082-200503

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		595098		
100	66.4	53.7	80.5		

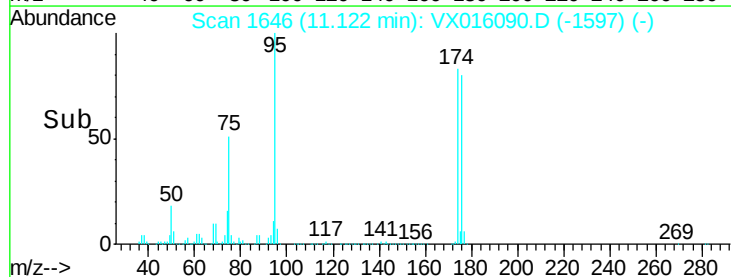
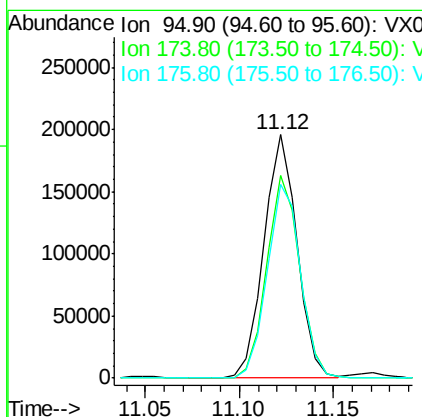
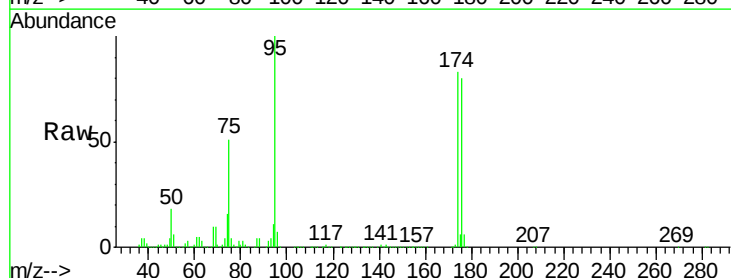
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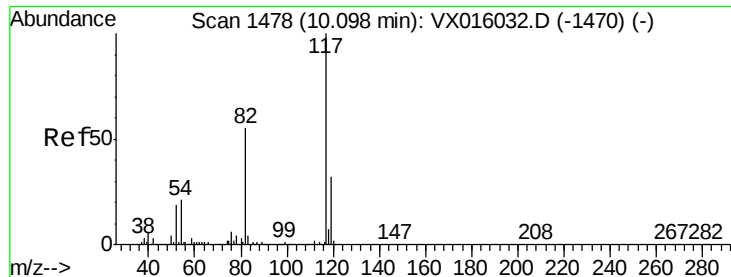
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#62
4-Bromofluorobenzene
Concen: 53.010 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016090.D
Acq: 07 May 2020 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		237989		
174	83.2	0.0	159.4		
176	80.5	0.0	157.6		





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016090.D

Acq: 07 May 2020 13:47

Instrument :

MSVOA_X

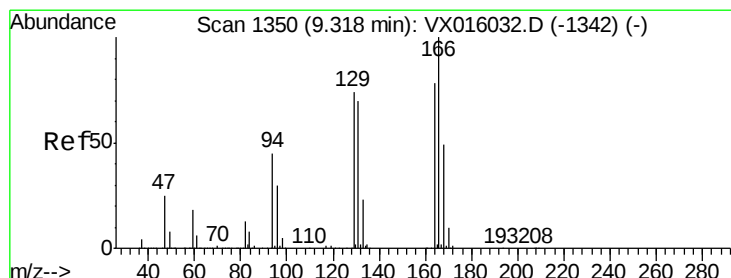
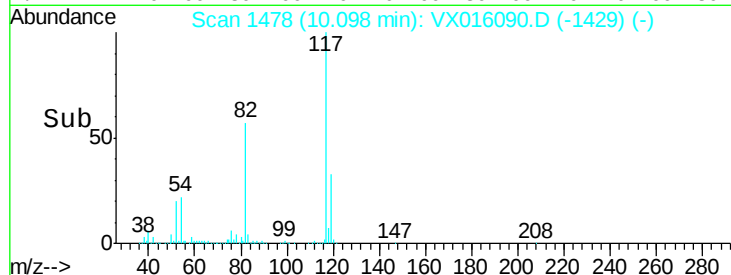
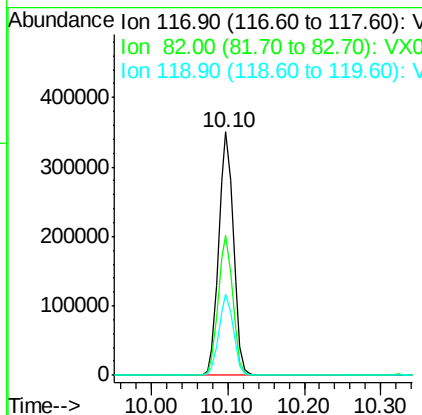
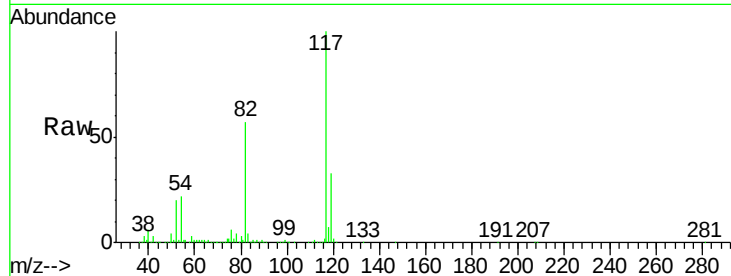
ClientSampleId :

SS038RW082-200503

Tot Ion:	117	Resp:	468752
Ion Ratio	Lower	Upper	
117	100		
82	57.3	44.4	66.6
119	33.0	25.5	38.3

Manual Integrations
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#64

Tetrachloroethene

Concen: 1.384 ug/l

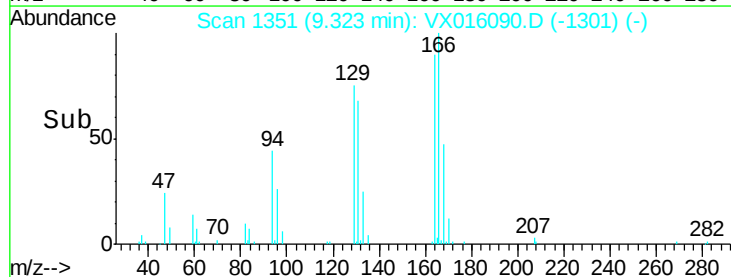
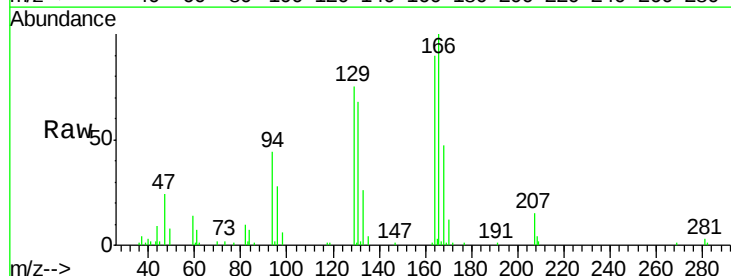
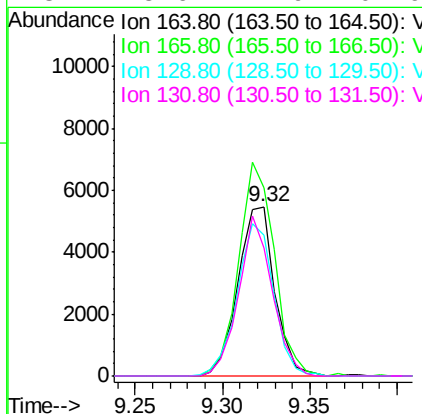
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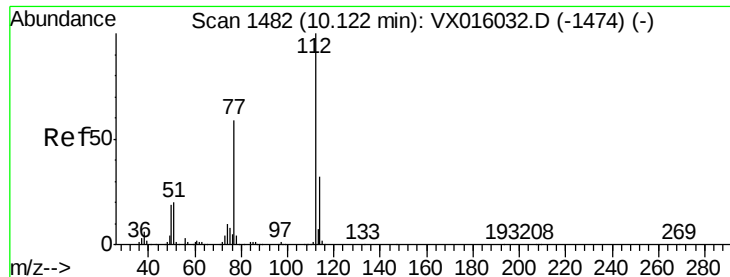
Delta R.T. 0.01 min

Lab File: VX016090.D

Acq: 07 May 2020 13:47

Tgt Ion:	164	Resp:	7964
Ion Ratio	Lower	Upper	
164	100		
166	111.1	102.9	154.3
129	82.9	76.1	114.1
131	75.6	71.9	107.9





#65

Chlorobenzene

Concen: 25.763 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016090.D

Acq: 07 May 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-200503

Tot Ion:112 Resp: 252864

Ion Ratio Lower Upper

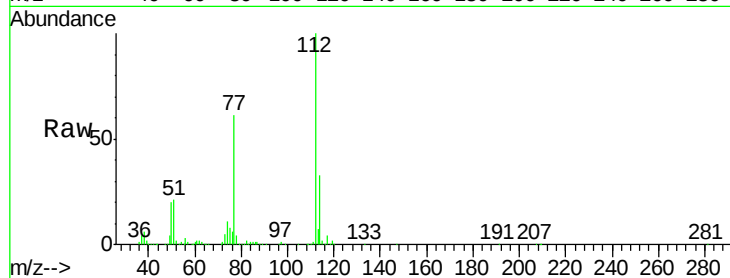
112 100

114 33.3 25.7 38.5

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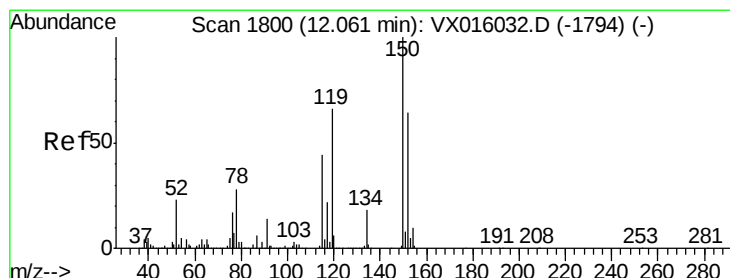
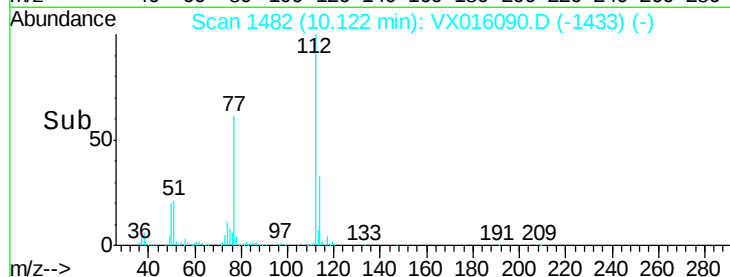
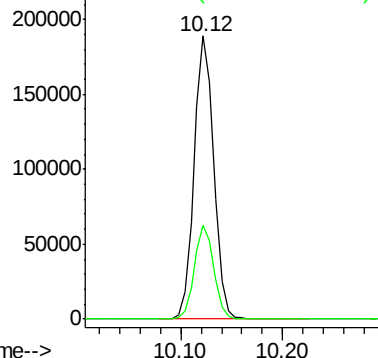
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016090.D

Acq: 07 May 2020 13:47

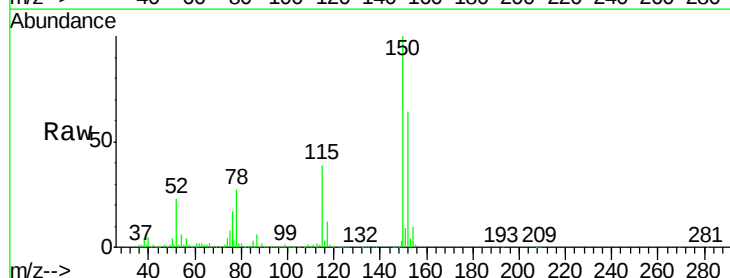
Tgt Ion:152 Resp: 245493

Ion Ratio Lower Upper

152 100

115 59.9 41.3 124.1

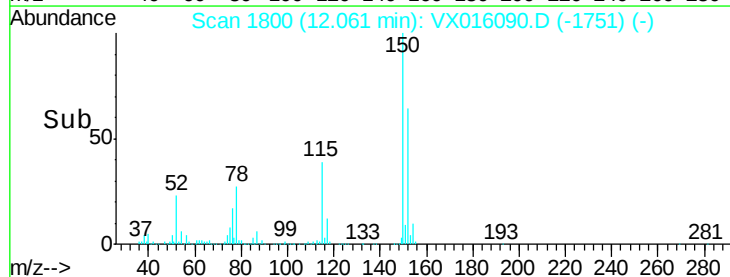
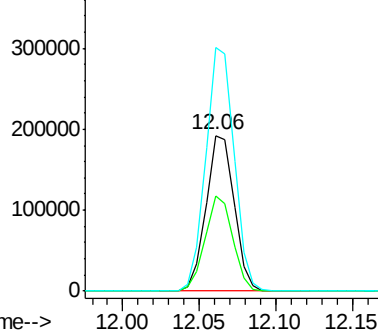
150 158.0 0.0 352.2

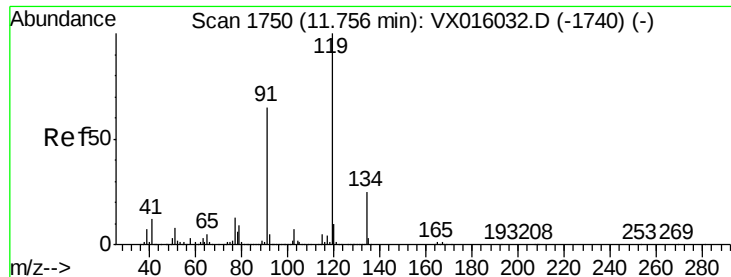


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





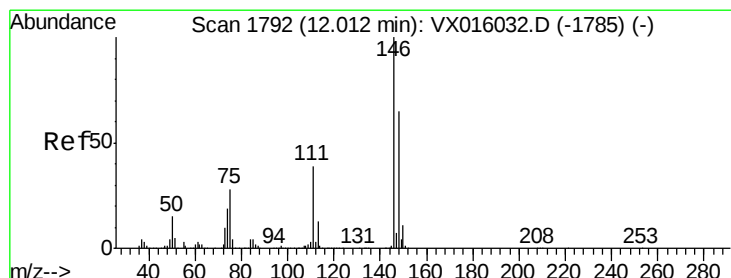
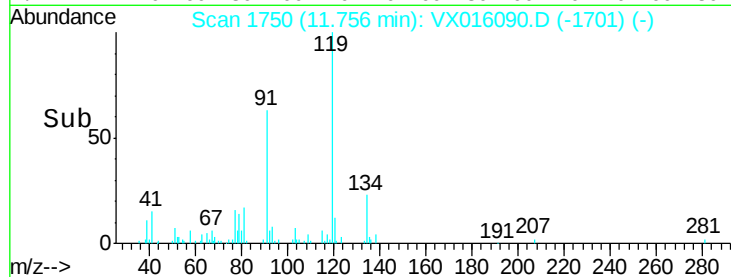
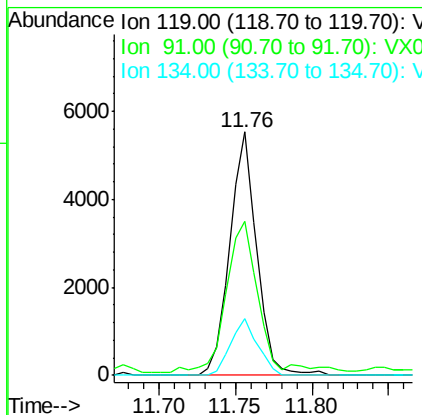
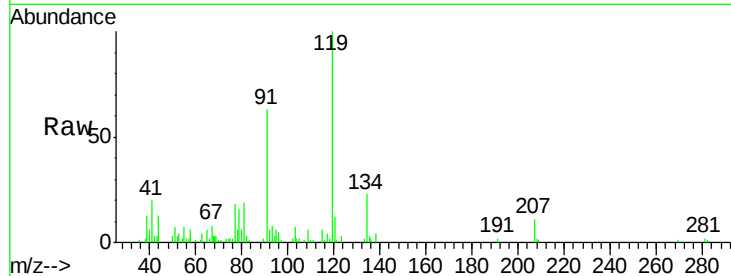
#83
 tert-Butylbenzene
 Concen: 0.520 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016090.D
 Acq: 07 May 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-200503

Tot Ion:	119	Resp:	6753
Ion Ratio	Lower	Upper	
119	100		
91	71.3	32.8	98.4
134	23.2	12.4	37.0

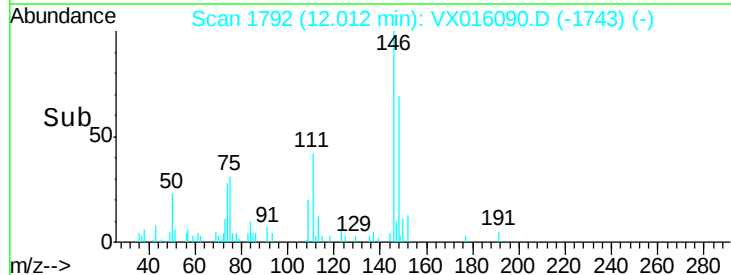
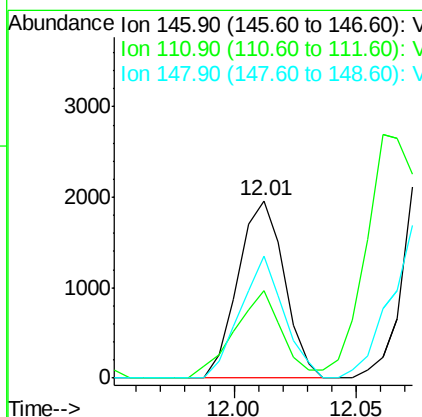
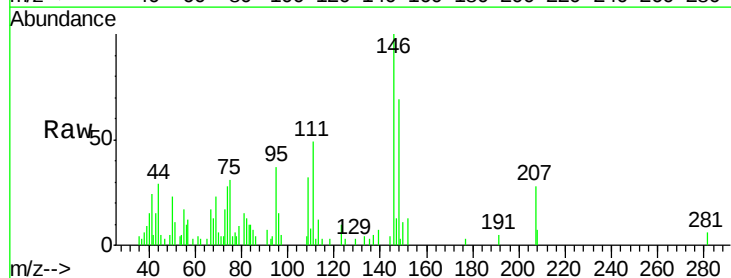
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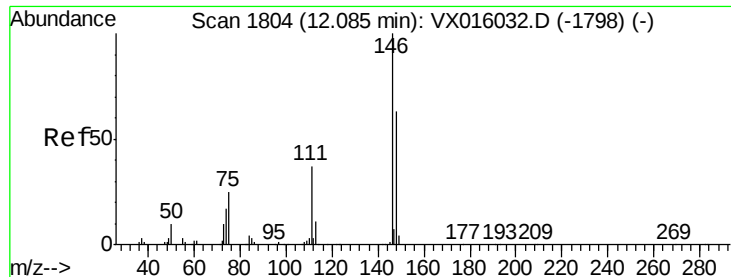
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#87
 1,3-Dichlorobenzene
 Concen: 0.311 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016090.D
 Acq: 07 May 2020 13:47

Tgt Ion:	146	Resp:	2575
Ion Ratio	Lower	Upper	
146	100		
111	52.1	20.2	60.6
148	65.2	32.1	96.3





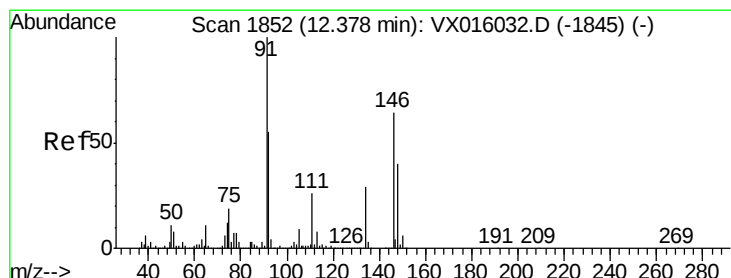
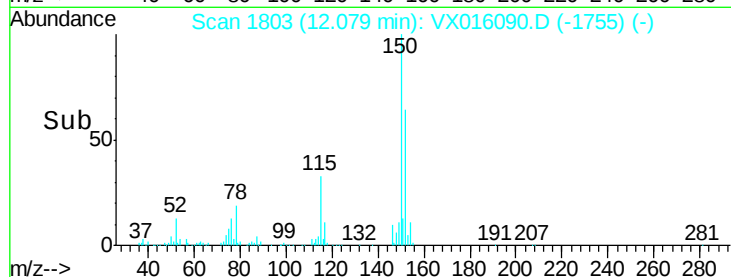
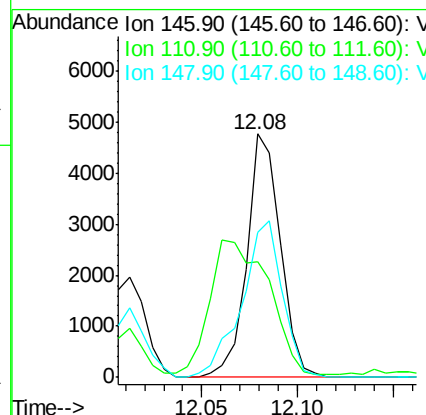
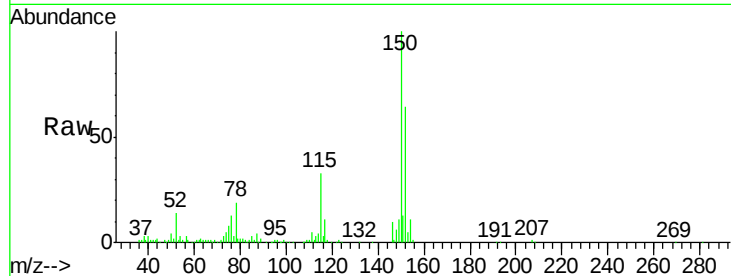
#88
 1,4-Dichlorobenzene
 Concen: 0.699 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016090.D
 Acq: 07 May 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-200503

Tot Ion	Ratio	Lower	Upper
146	100		
111	22.9	19.6	58.7
148	28.6	31.8	95.3#

Manual Integrations
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#91
 1,2-Dichlorobenzene
 Concen: 0.364 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016090.D
 Acq: 07 May 2020 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.5	21.1	63.1
148	66.7	32.4	97.0

