

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
 Data File : VX016316.D
 Acq On : 18 May 2020 22:13
 Operator : JC/SP
 Sample : L2672-13 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW352-200514

Manual Integrations
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 5/29/2020 8:52:01 AM

Quant Time: May 19 13:04:30 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	259132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	420971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	213612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	149051	43.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.42%	
35) Dibromofluoromethane	5.47	113	120408	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
50) Toluene-d8	8.70	98	515016	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.12	95	208735	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	20727	6.316	ug/l	82
44) Trichloroethene	7.19	130	3367	0.782	ug/l	85
64) Tetrachloroethene	9.32	164	159729	31.621	ug/l	98
65) Chlorobenzene	10.12	112	6558	0.761	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1648m	0.225	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	2397	0.346	ug/l	93
94) Hexachlorobutadiene	13.76	225	675	0.826	ug/l	94

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

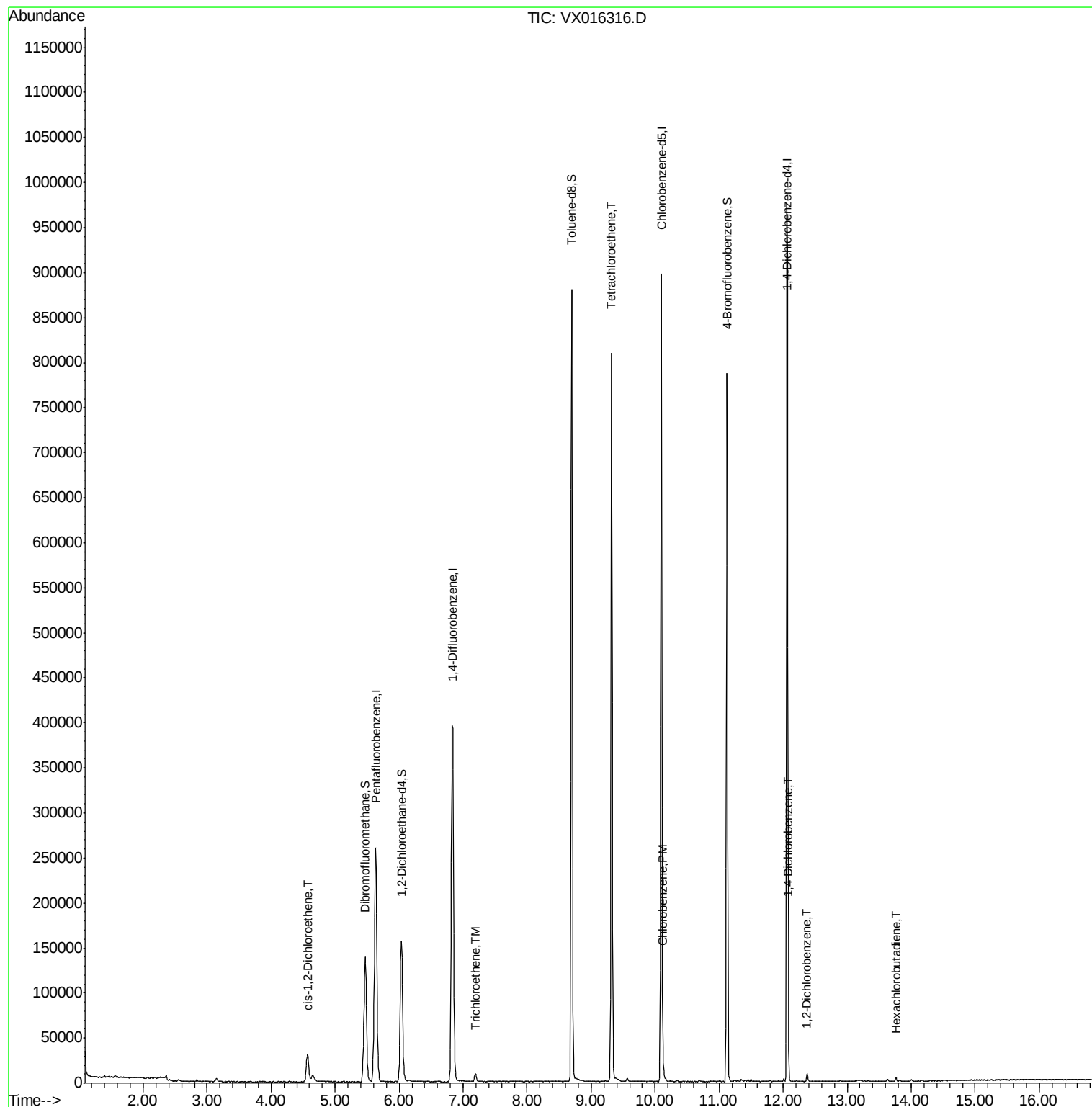
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051820\
Data File : VX016316.D
Acq On : 18 May 2020 22:13
Operator : JC/SP
Sample : L2672-13 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

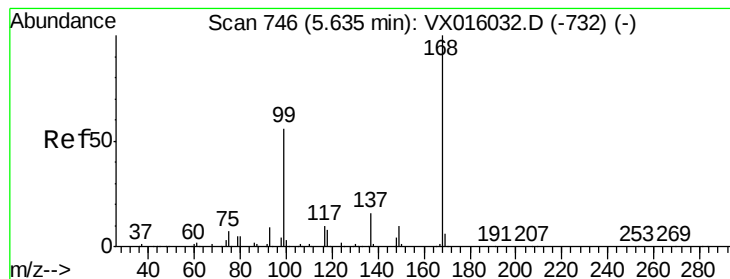
Instrument :
MSVOA_X
ClientSampleId :
WP021MW352-200514

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Quant Time: May 19 13:04:30 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# 746

Delta R.T. -0.00 min

Lab File: VX016316.D

Acq: 18 May 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514

Tot Ion:168 Resp: 259132

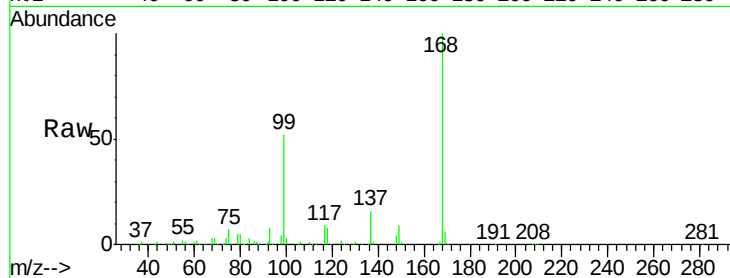
Ion Ratio Lower Upper

168 100

99 52.1 45.0 67.4

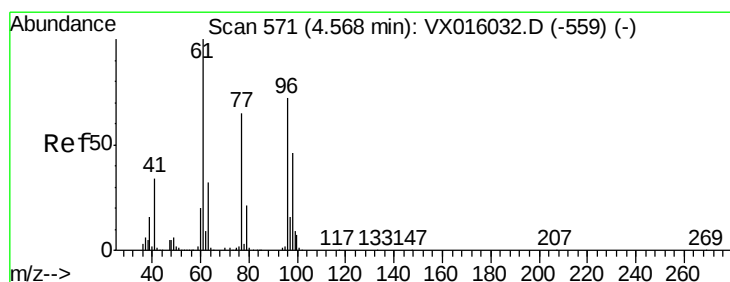
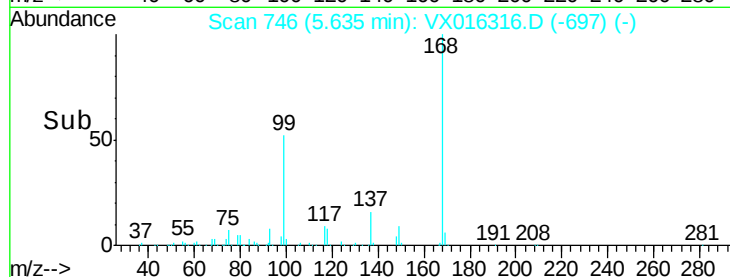
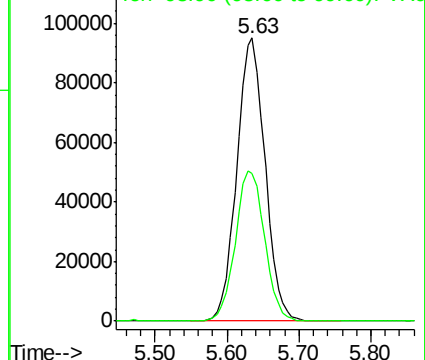
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 6.316 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016316.D

Acq: 18 May 2020 22:13

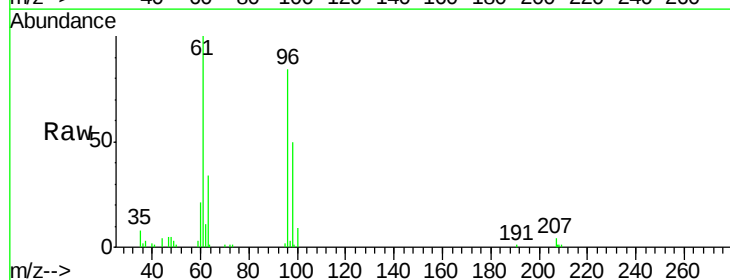
Tgt Ion: 96 Resp: 20727

Ion Ratio Lower Upper

96 100

61 117.5 0.0 296.2

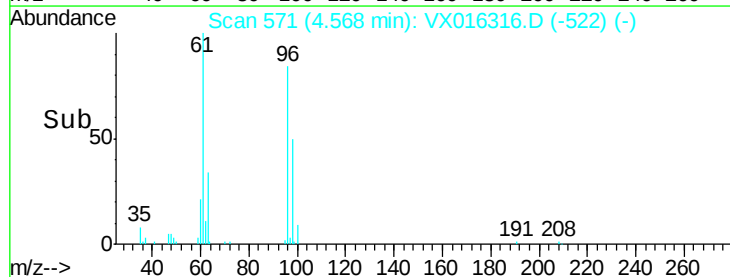
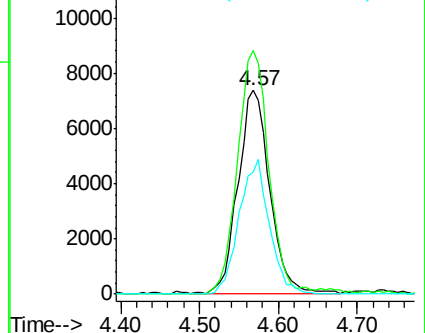
98 62.6 0.0 129.4

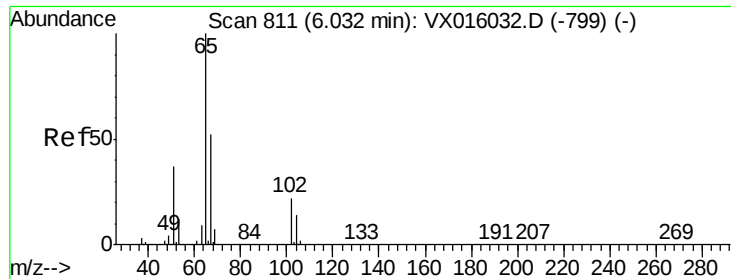


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 43.711 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016316.D

Acq: 18 May 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514

Tot Ion: 65 Resp: 149051

Ion Ratio Lower Upper

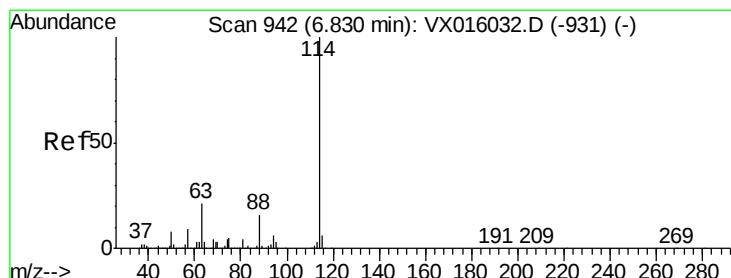
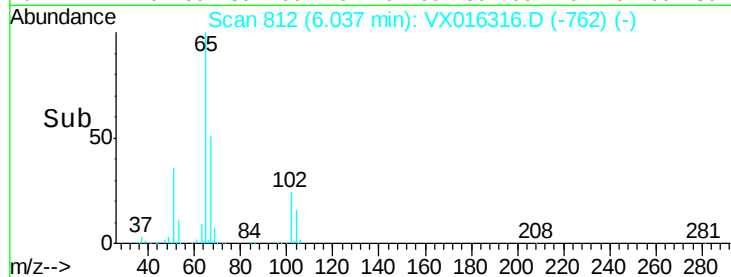
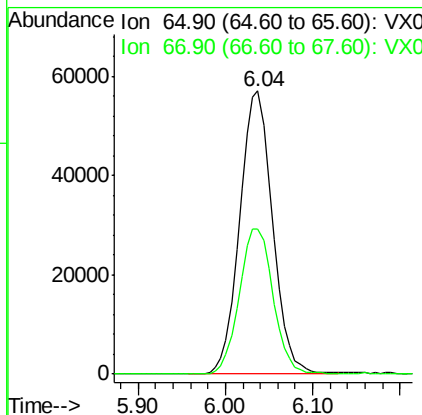
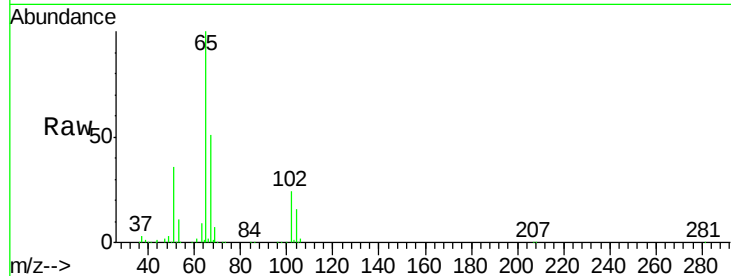
65 100

67 52.9 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016316.D

Acq: 18 May 2020 22:13

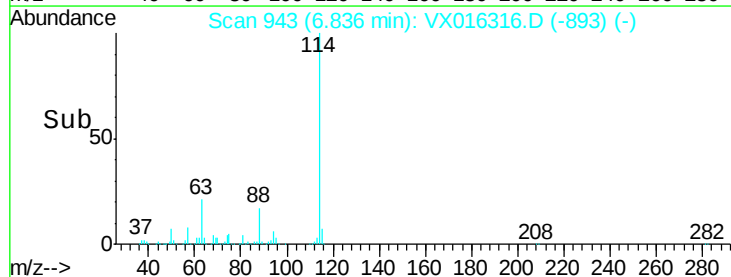
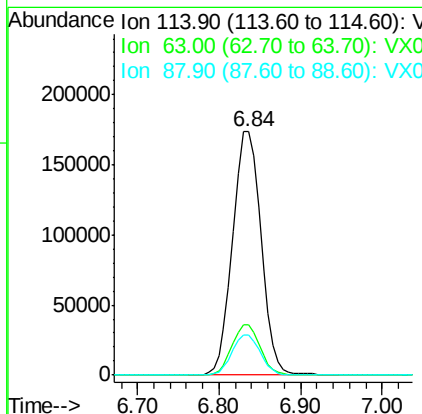
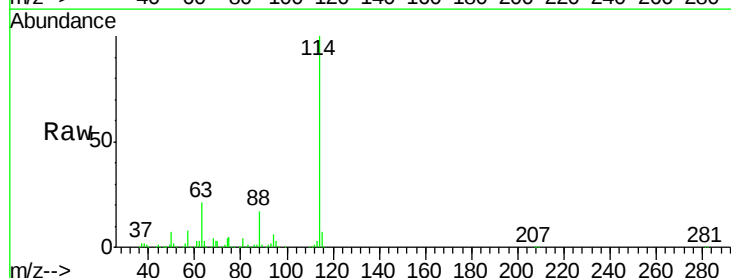
Tgt Ion: 114 Resp: 420971

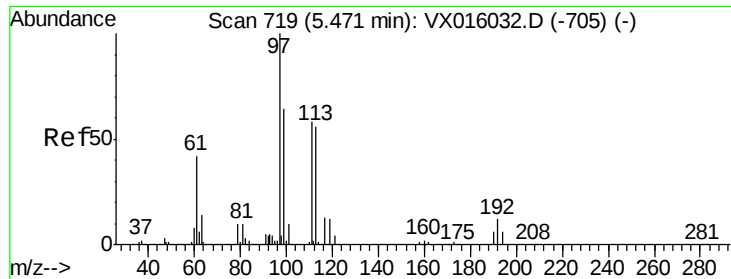
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.147 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016316.D

Acq: 18 May 2020 22:13

Instrument :

MSVOA_X

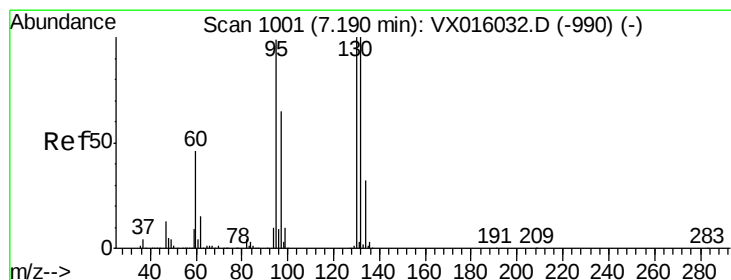
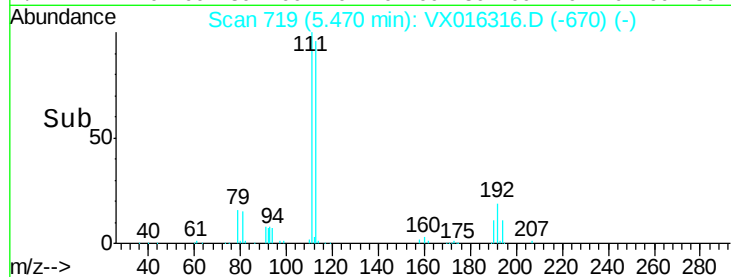
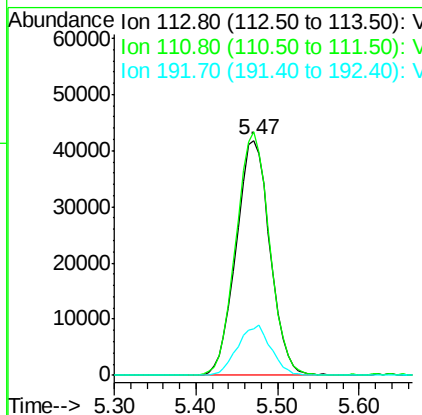
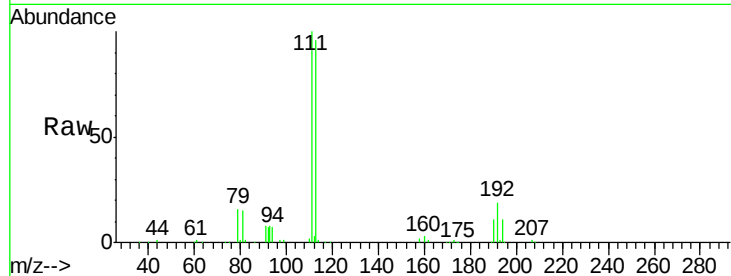
ClientSampleId :

WP021MW352-200514

Tot Ion:	113	Resp:	120408
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.6	122.4
192	20.9	17.0	25.4

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#44

Trichloroethene

Concen: 0.782 ug/l

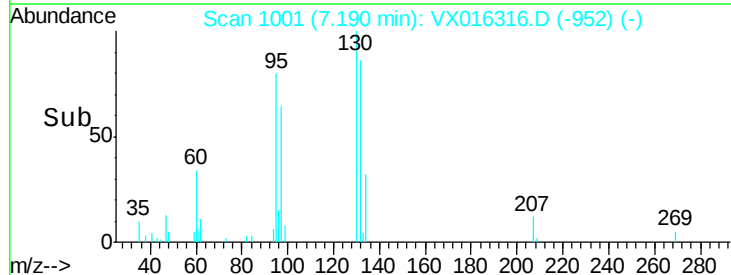
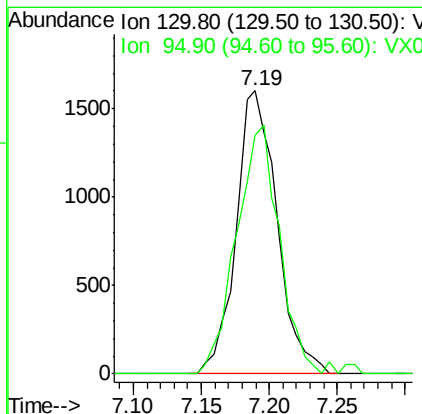
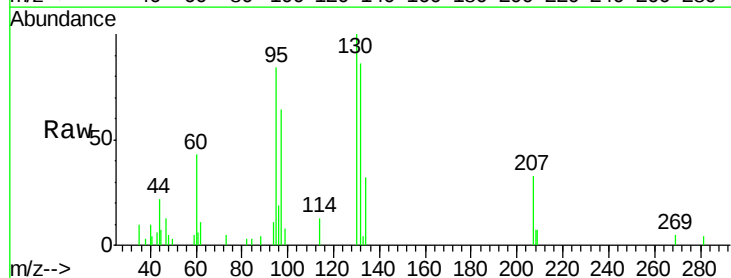
RT: 7.19 min Scan# 1001

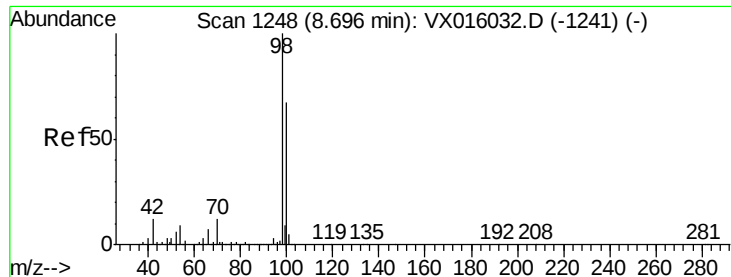
Delta R.T. -0.00 min

Lab File: VX016316.D

Acq: 18 May 2020 22:13

Tgt Ion:	130	Resp:	3367
Ion Ratio	Lower	Upper	
130	100		
95	84.1	0.0	197.4





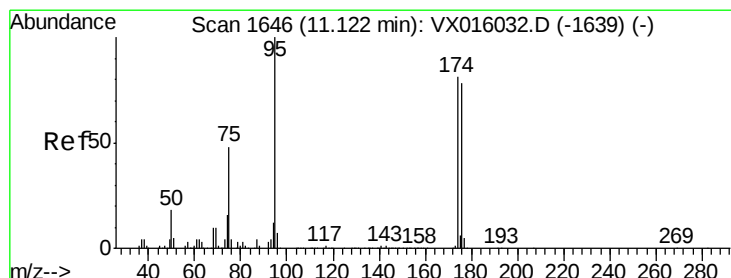
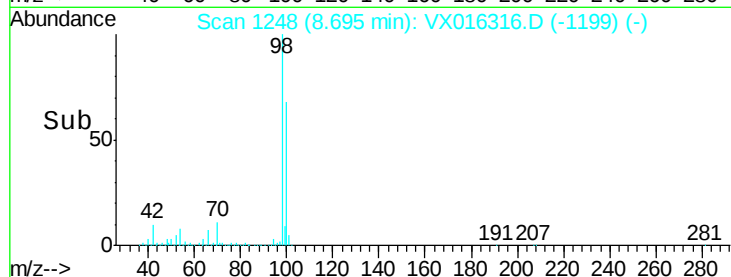
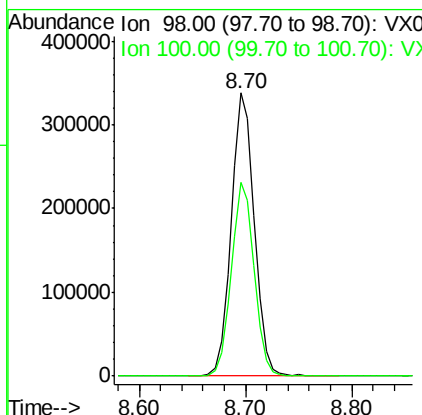
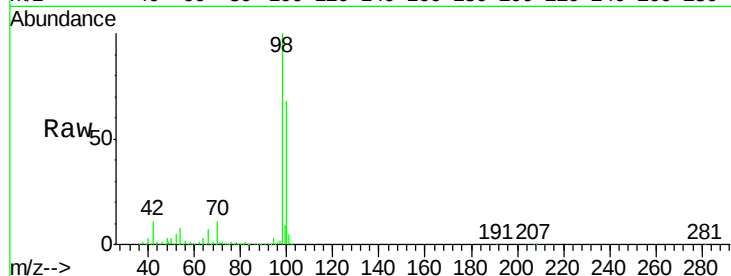
#50
Toluene-d8
Concen: 50.117 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016316.D
Acq: 18 May 2020 22:13

Instrument :
MSVOA_X
ClientSampleId :
WP021MW352-200514

Tot Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.7	80.5

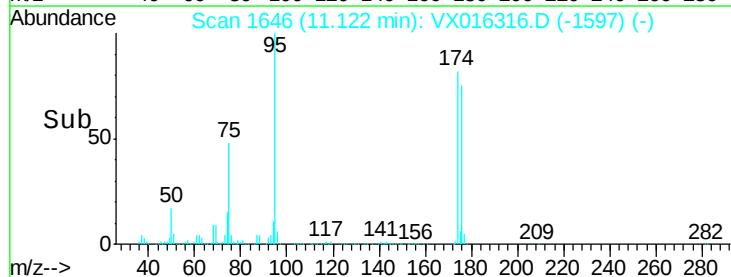
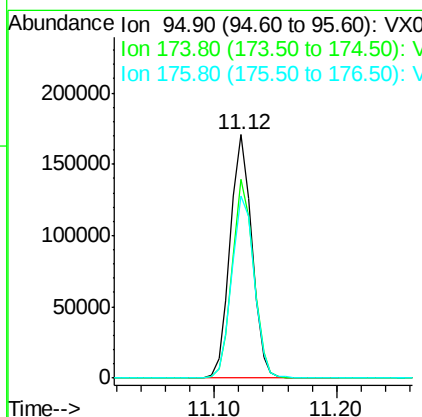
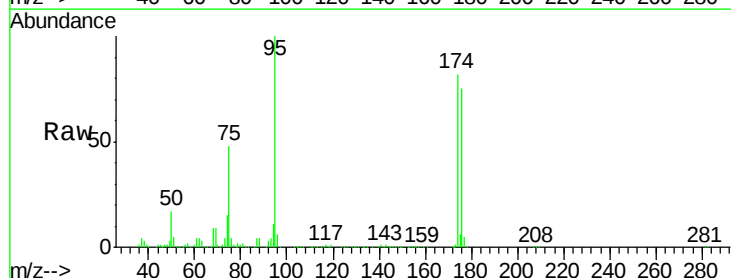
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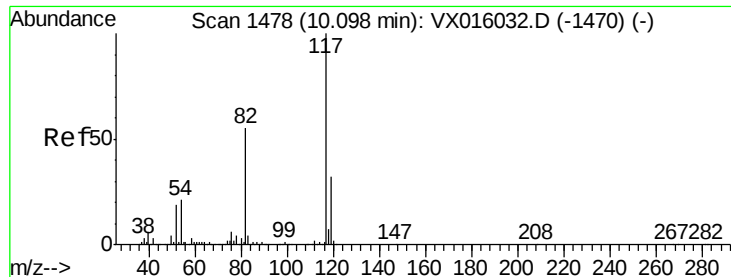
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#62
4-Bromofluorobenzene
Concen: 53.404 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016316.D
Acq: 18 May 2020 22:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	159.4
176	77.4	0.0	157.6





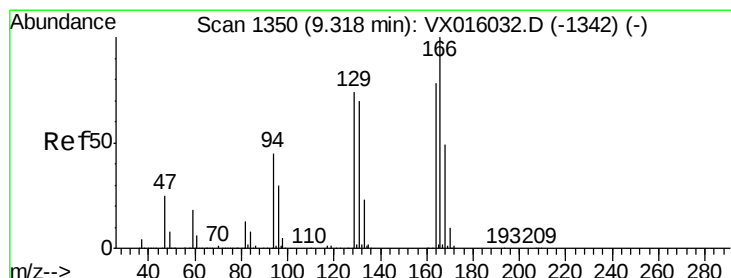
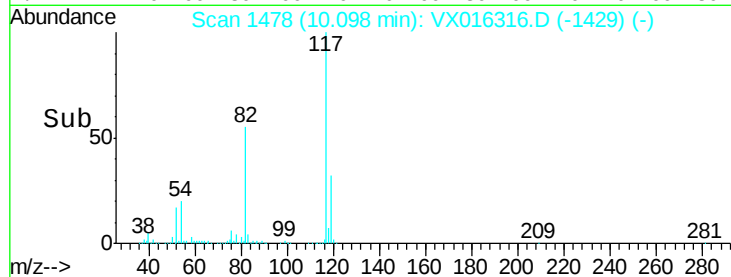
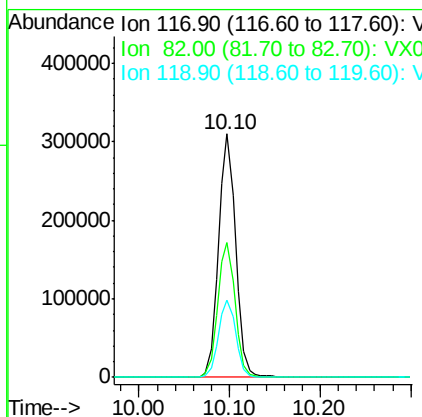
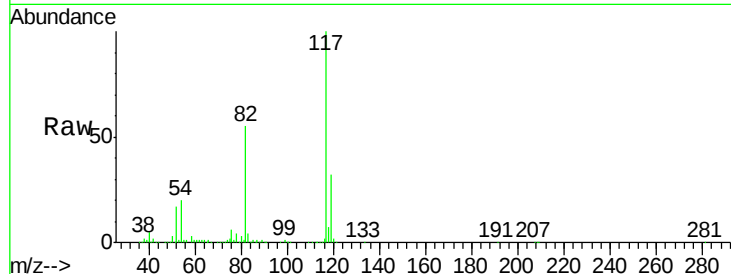
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016316.D
Acq: 18 May 2020 22:13

Instrument :
MSVOA_X
ClientSampleId :
WP021MW352-200514

Tot Ion	Ratio	Resp	Lower	Upper
117	100	411467		
82	55.4	44.4	66.6	
119	31.9	25.5	38.3	

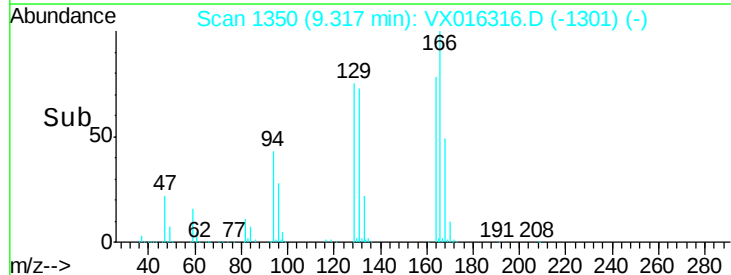
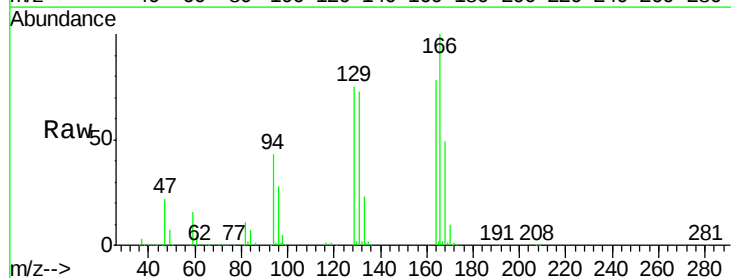
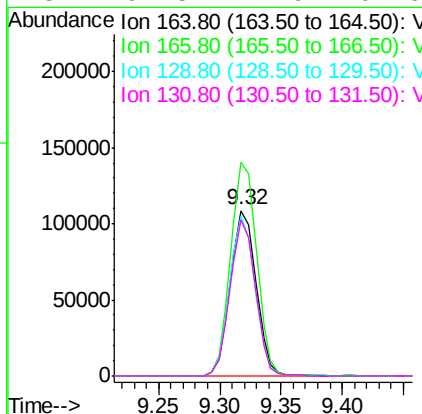
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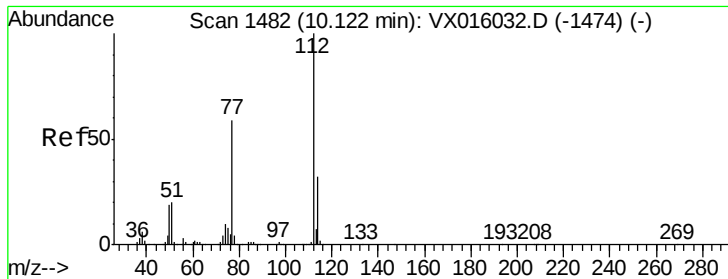
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#64
Tetrachloroethene
Concen: 31.621 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016316.D
Acq: 18 May 2020 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159729		
166	128.9	102.9	154.3	
129	96.3	76.1	114.1	
131	94.5	71.9	107.9	





#65

Chlorobenzene

Concen: 0.761 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016316.D

Acq: 18 May 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514

Tot Ion:112 Resp: 6558

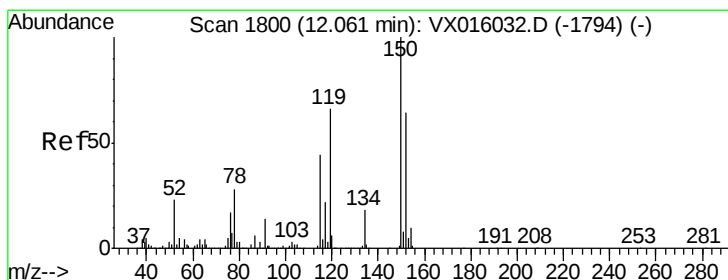
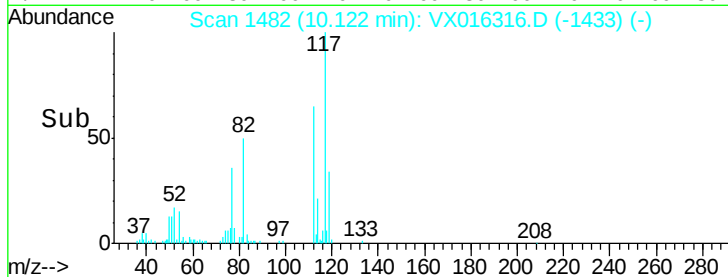
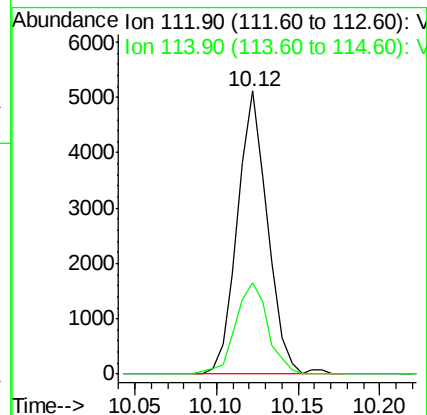
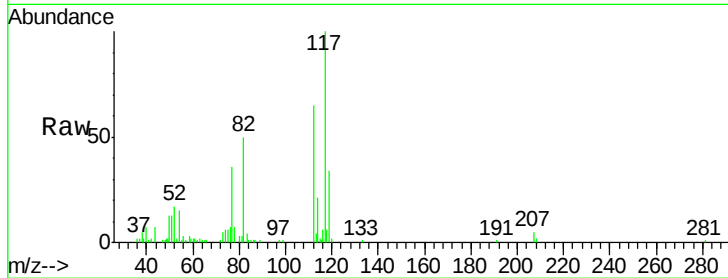
Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016316.D

Acq: 18 May 2020 22:13

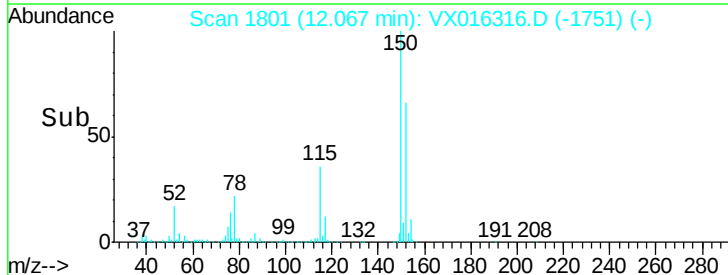
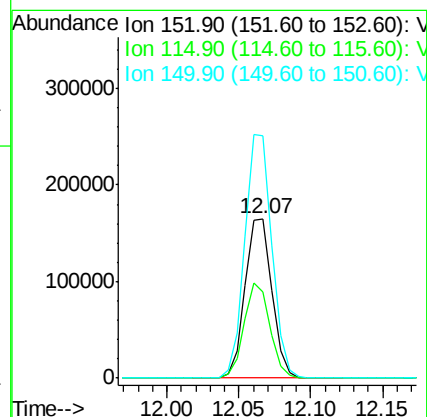
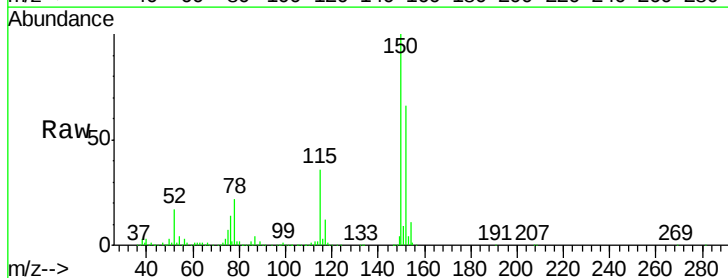
Tgt Ion:152 Resp: 213612

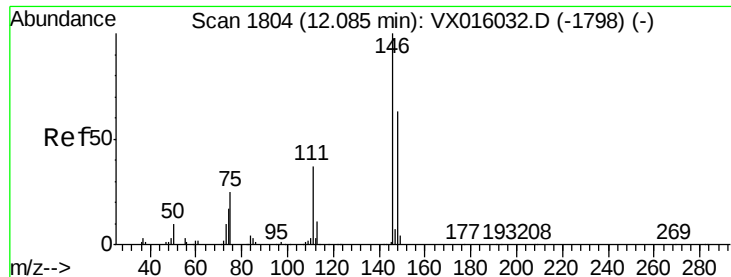
Ion Ratio Lower Upper

152 100

115 57.4 41.3 124.1

150 153.8 0.0 352.2





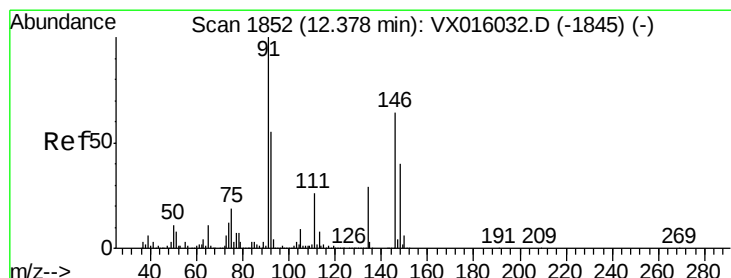
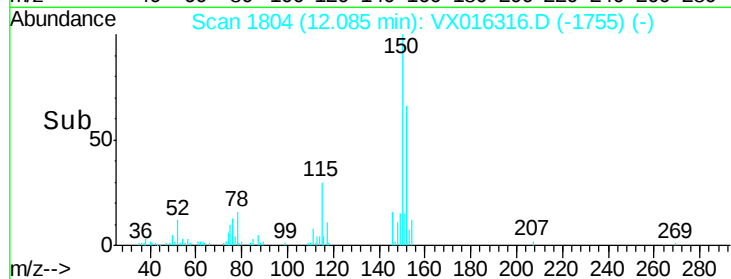
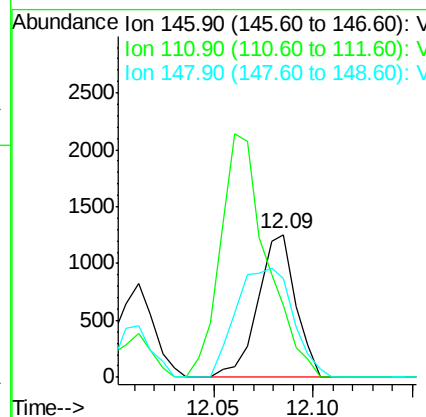
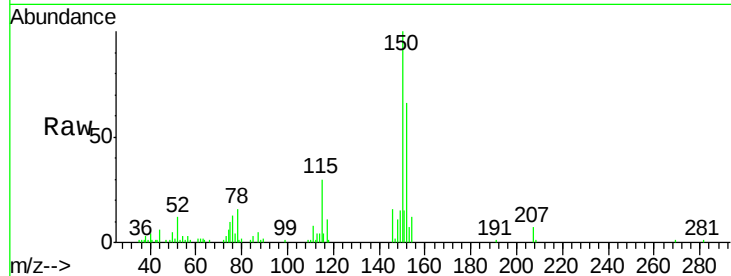
#88
 1,4-Dichlorobenzene
 Concen: 0.225 ug/l m
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016316.D
 Acq: 18 May 2020 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW352-200514

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.6	58.7#
148	0.0	31.8	95.3#

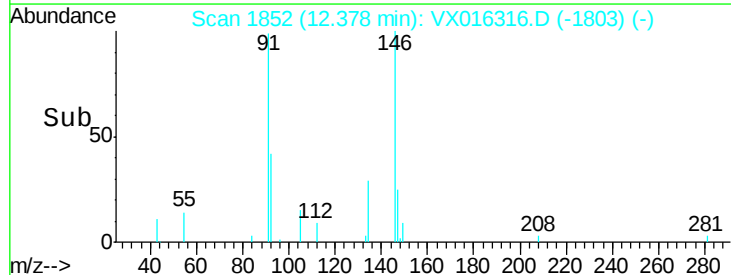
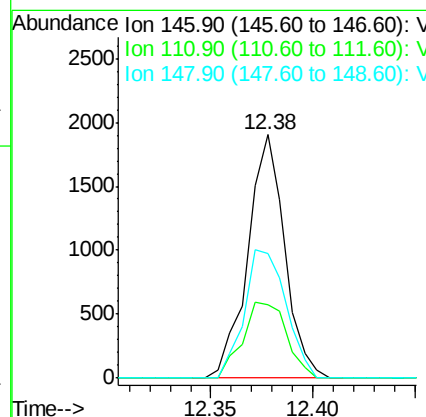
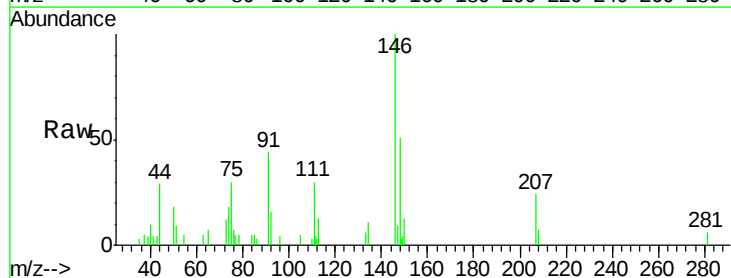
Manual Integrations
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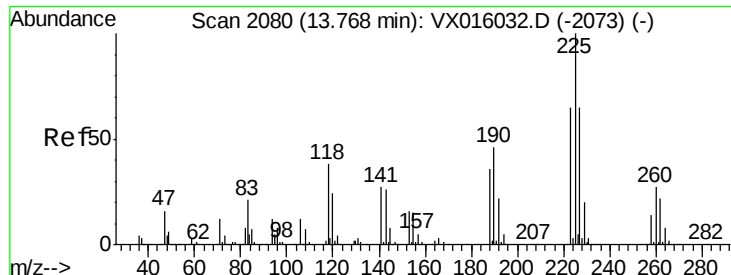
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#91
 1,2-Dichlorobenzene
 Concen: 0.346 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016316.D
 Acq: 18 May 2020 22:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	21.1	63.1
148	59.4	32.4	97.0





#94
 Hexachlorobutadiene
 Concen: 0.826 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016316.D
 Acq: 18 May 2020 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW352-200514

Tot Ion:	225	Resp:	675
Ion Ratio	Lower	Upper	
225	100		
223	62.2	32.3	96.9
227	56.4	31.8	95.4

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 8:52:01 AM

