

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091420\
 Data File : VX018382.D
 Acq On : 14 Sep 2020 14:19
 Operator : JC/SP
 Sample : L3993-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B41-091120-GW

Manual Integrations
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MMDadoda
 9/15/2020 2:29:07 PM

Quant Time: Sep 15 11:33:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	446602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	700458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	641929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	325942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	307901	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	5.46	113	241012	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	8.70	98	838425	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.12	95	315504	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.92	101	1923	0.247	ug/l #	81
16) Acetone	2.42	43	8004	3.313	ug/l	96
30) Chloroform	5.18	83	86983	9.535	ug/l	95
44) Trichloroethene	7.21	130	1954	0.364	ug/l	60
47) Bromodichloromethane	7.88	83	3192	0.444	ug/l #	82
61) 1,2-Dibromoethane	9.66	107	1206	0.216	ug/l	82
64) Tetrachloroethene	9.32	164	2218	0.470	ug/l #	68
65) Chlorobenzene	10.13	112	3292	0.257	ug/l	93
67) Ethyl Benzene	10.24	91	5573	0.256	ug/l	94
69) o-Xylene	10.69	106	1682	0.213	ug/l	53
80) 1,3,5-Trimethylbenzene	11.49	105	5076	0.287	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	3576	0.343	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	7398m	0.708	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	2915	0.297	ug/l	93
95) Naphthalene	13.82	128	15245	0.707	ug/l #	91

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

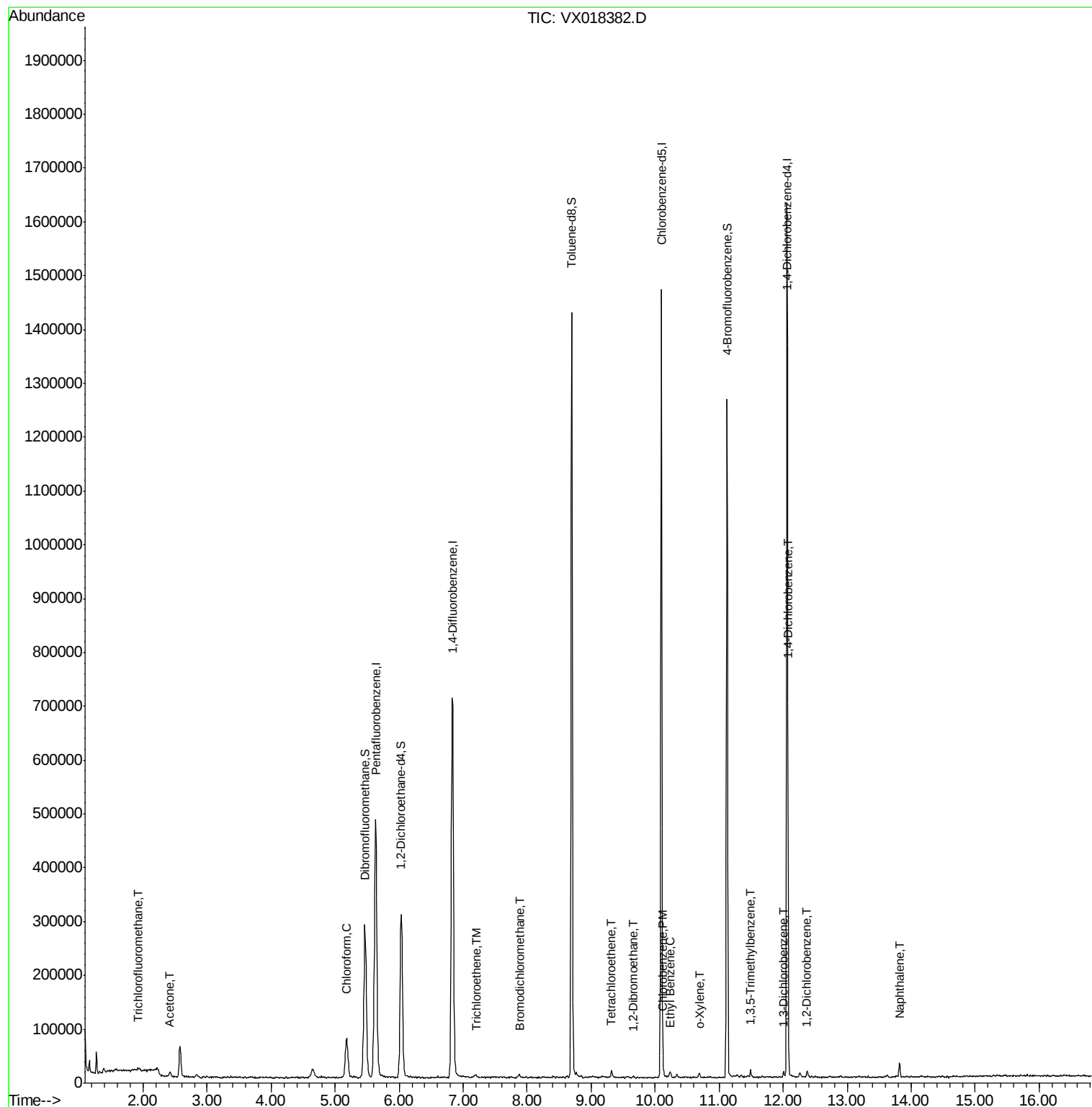
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091420\
Data File : VX018382.D
Acq On : 14 Sep 2020 14:19
Operator : JC/SP
Sample : L3993-14
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ALS Vial : 10 Sample Multiplier: 1

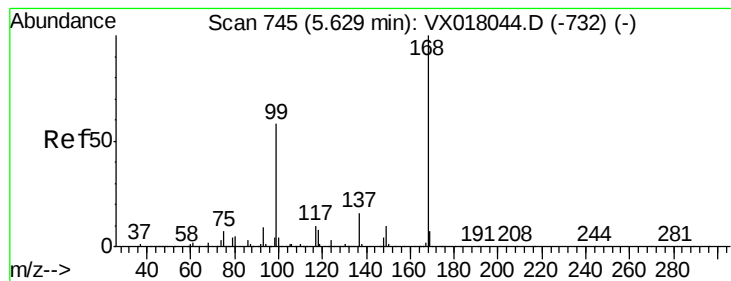
Instrument :
MSVOA_X
ClientSampleId :
PAV-B41-091120-GW

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9/15/2020 2:29:07 PM

Quant Time: Sep 15 11:33:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

PAV-B41-091120-GW

Tot Ion:168 Resp: 446602

Ion Ratio Lower Upper

168 100

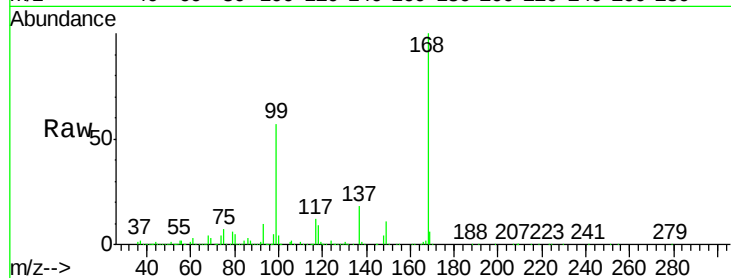
99 57.5 46.3 69.5

Manual Integrations

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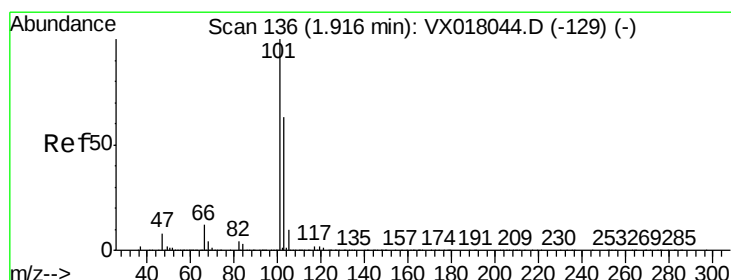
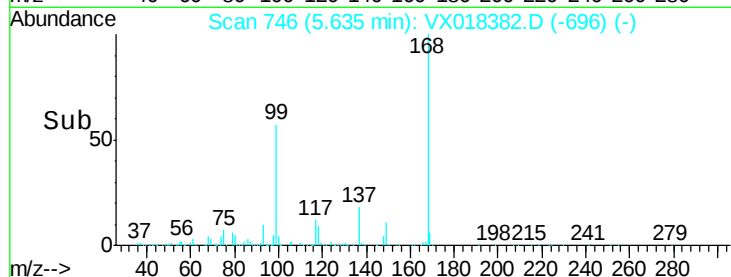
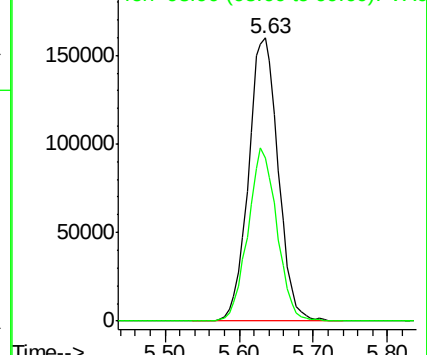
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#7

Trichlorofluoromethane

Concen: 0.247 ug/l

RT: 1.92 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX018382.D

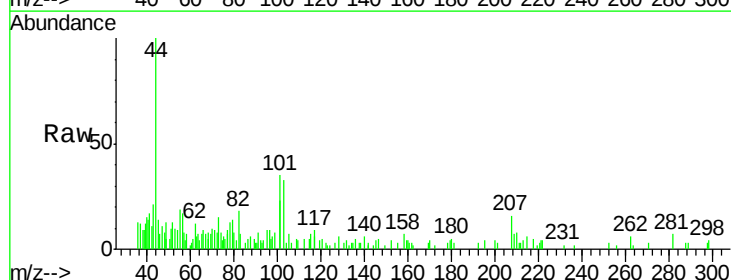
Acq: 14 Sep 2020 14:19

Tgt Ion:101 Resp: 1923

Ion Ratio Lower Upper

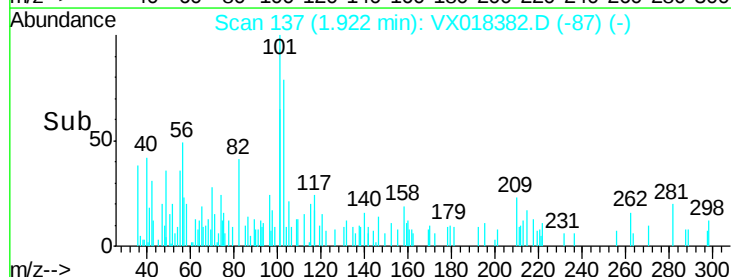
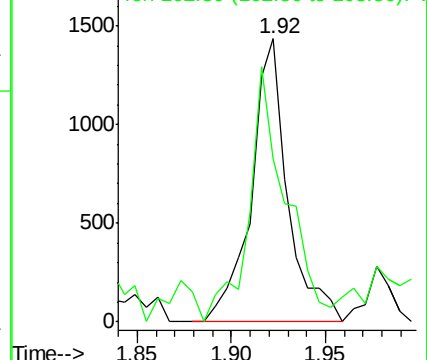
101 100

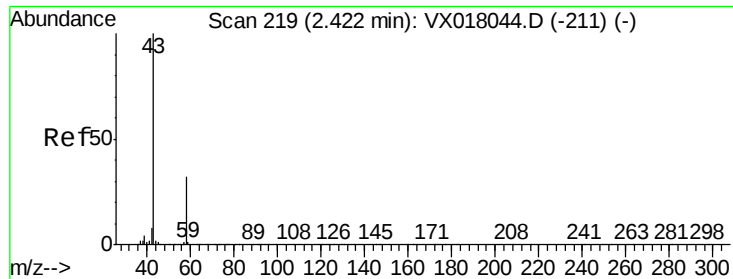
103 48.6 50.7 76.1#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





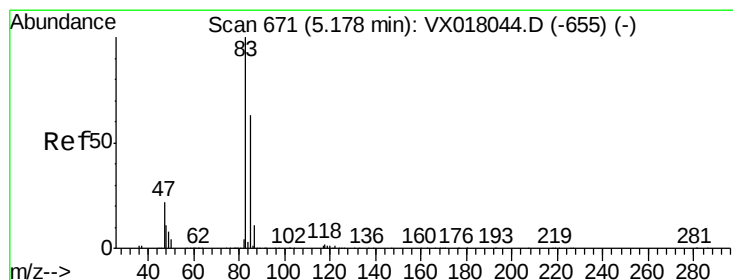
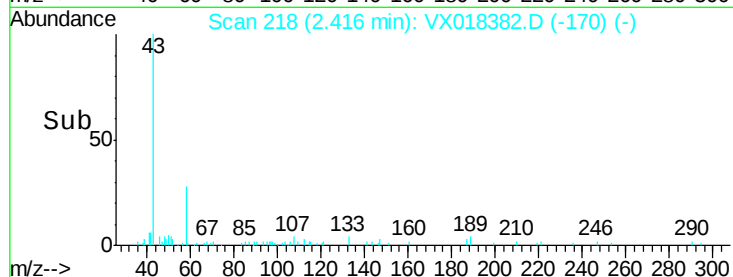
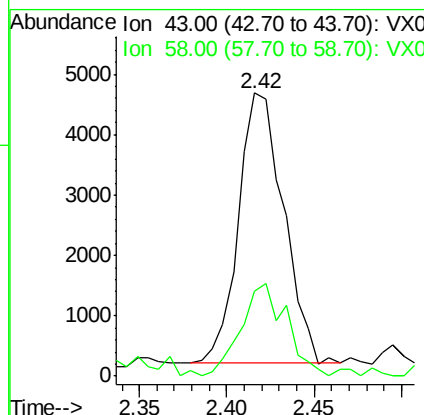
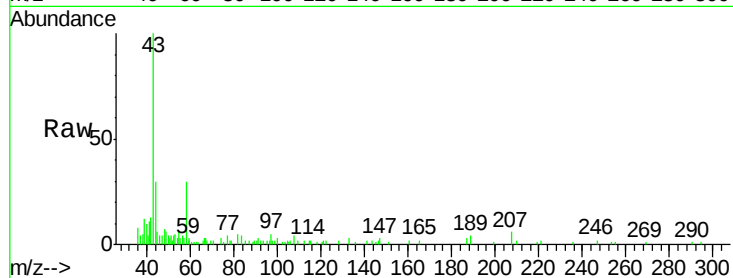
#16
Acetone
Concen: 3.313 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX018382.D
Acq: 14 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAV-B41-091120-GW

Tot Ion	Ratio	Lower	Upper
43	100		
58	29.7	25.5	38.3

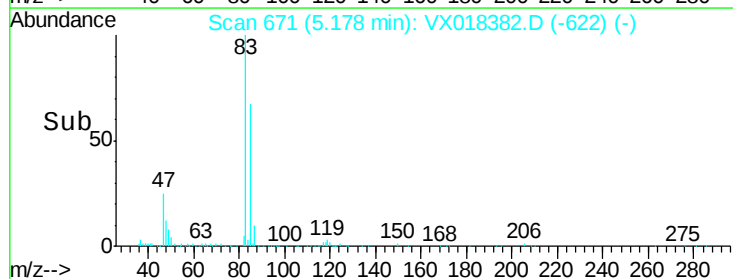
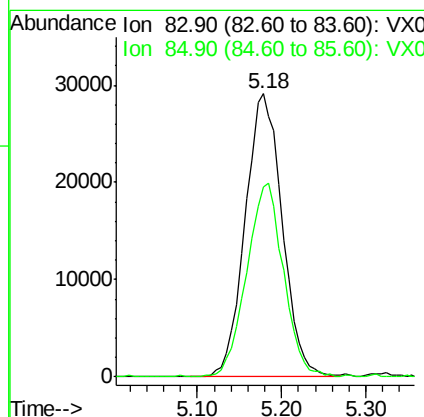
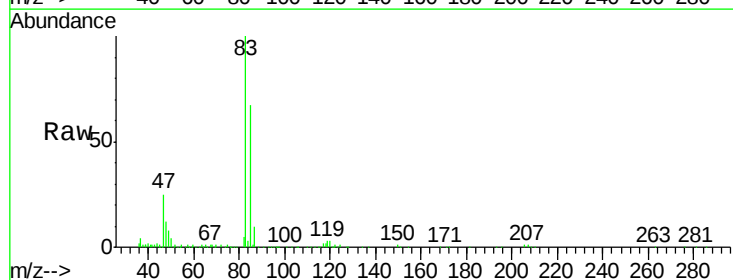
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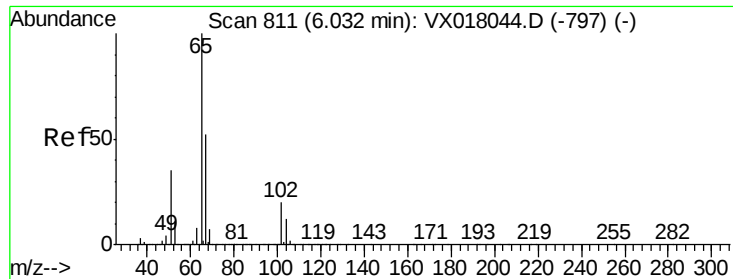
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#30
Chloroform
Concen: 9.535 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018382.D
Acq: 14 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.7	76.1





#33

1,2-Dichloroethane-d4

Concen: 49.662 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Instrument :

MSVOA_X

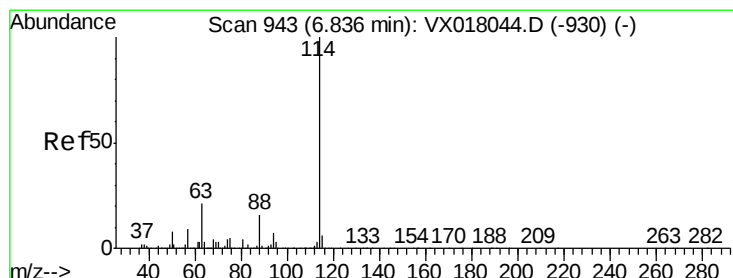
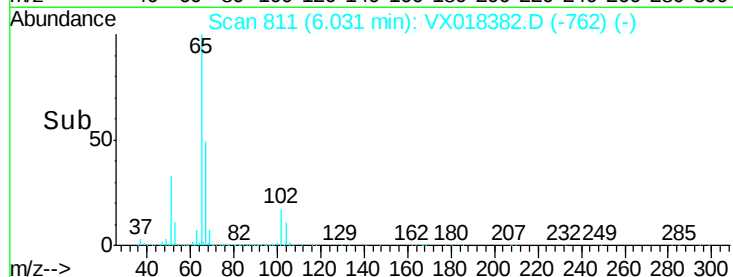
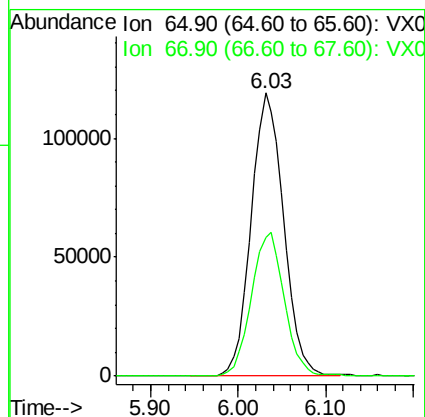
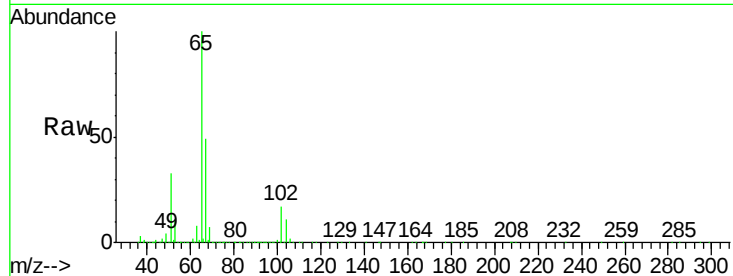
ClientSampleId :

PAV-B41-091120-GW

Tot Ion:	65	Resp:	307901
Ion Ratio	Lower	Upper	
65	100		
67	51.1	0.0	105.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

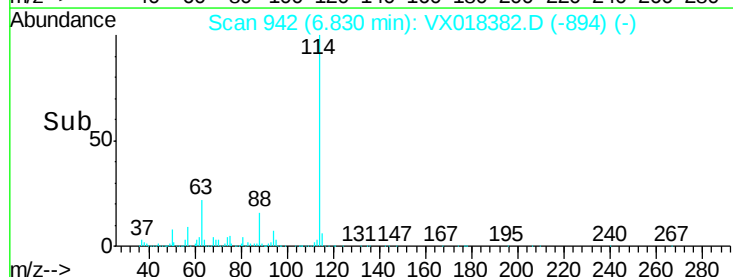
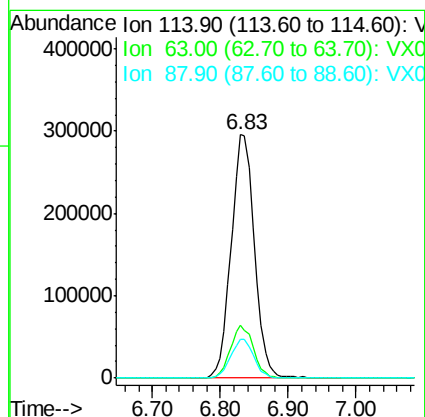
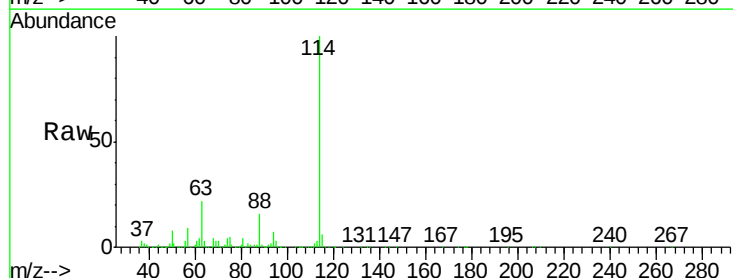
RT: 6.83 min Scan# 942

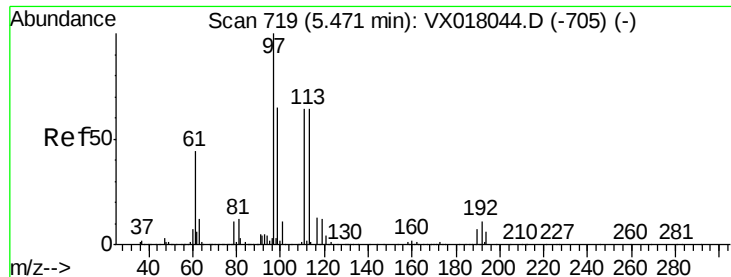
Delta R.T. -0.01 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Tgt Ion:	114	Resp:	700458
Ion Ratio	Lower	Upper	
114	100		
63	21.9	0.0	42.6
88	16.1	0.0	31.8





#35

Dibromofluoromethane

Concen: 50.522 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Instrument :

MSVOA_X

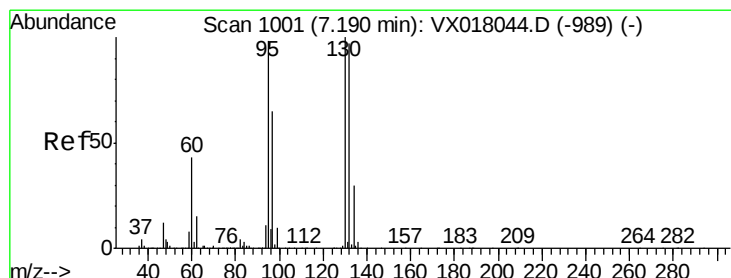
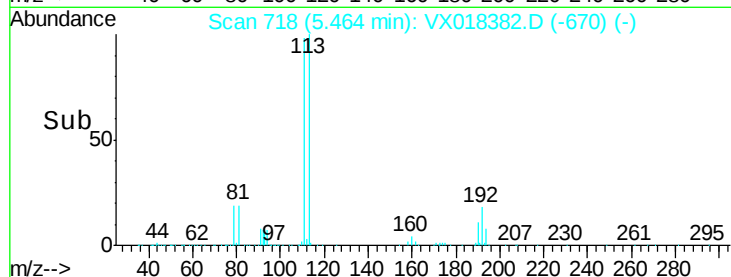
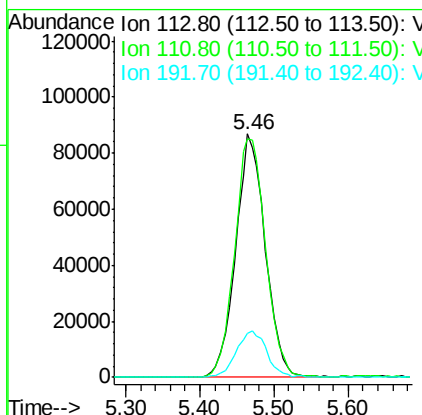
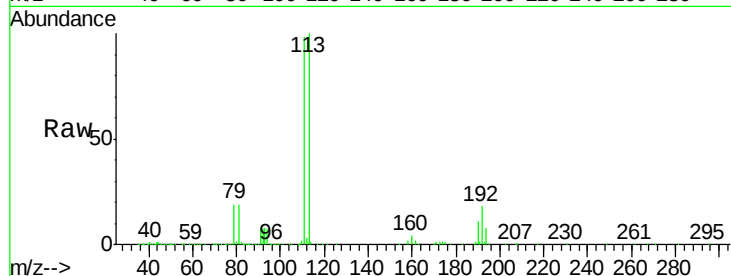
ClientSampleId :

PAV-B41-091120-GW

Tot Ion:	113	Resp:	241012
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.6	122.4
192	19.8	15.8	23.8

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#44

Trichloroethene

Concen: 0.364 ug/l

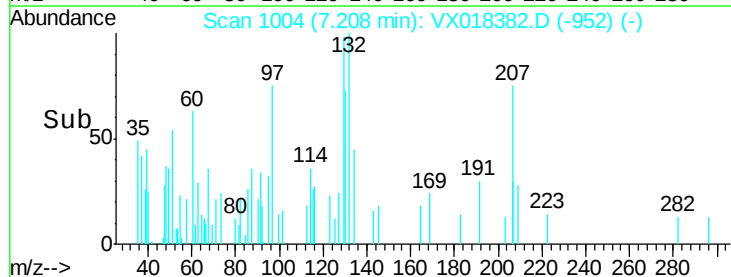
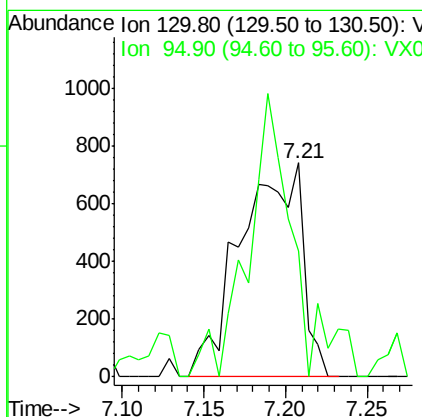
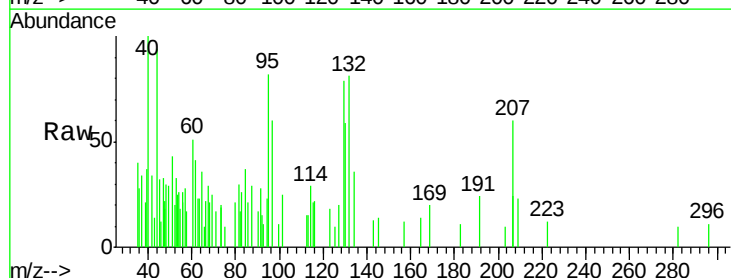
RT: 7.21 min Scan# 1004

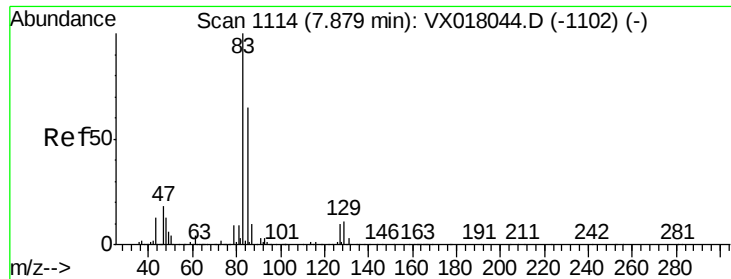
Delta R.T. 0.02 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Tgt Ion:	130	Resp:	1954
Ion Ratio	Lower	Upper	
130	100		
95	59.0	0.0	196.4





#47

Bromodichloromethane

Concen: 0.444 ug/l

RT: 7.88 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Instrument :

MSVOA_X

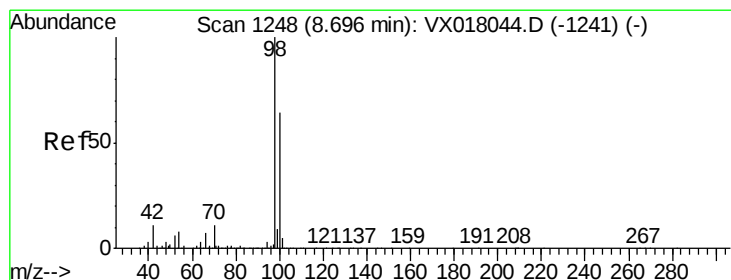
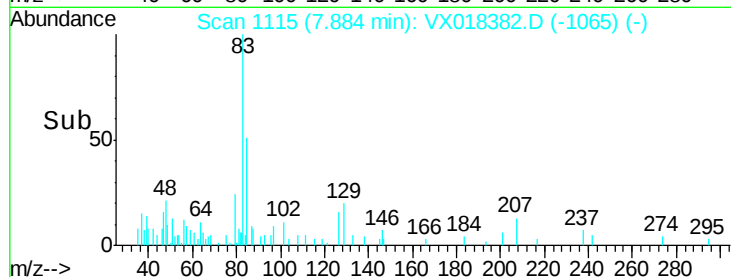
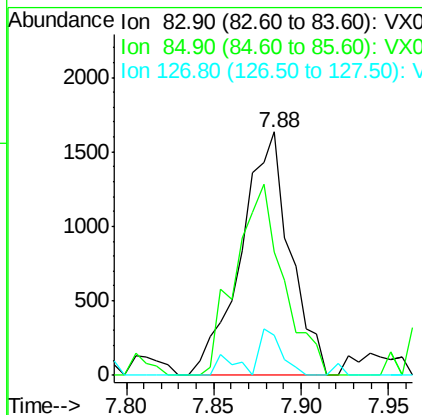
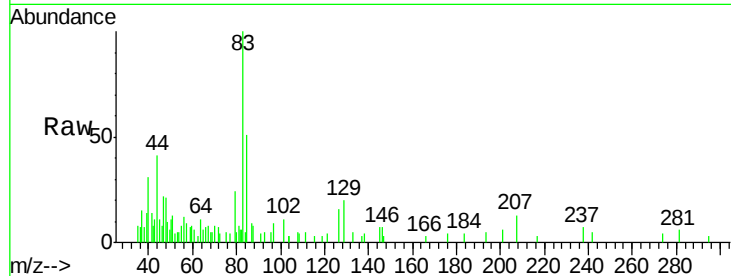
ClientSampleId :

PAV-B41-091120-GW

Tot Ion:	83	Resp:	3192
Ion Ratio	Lower	Upper	
83	100		
85	50.7	51.8	77.6#
127	16.2	7.7	11.5#

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#50

Toluene-d8

Concen: 47.188 ug/l

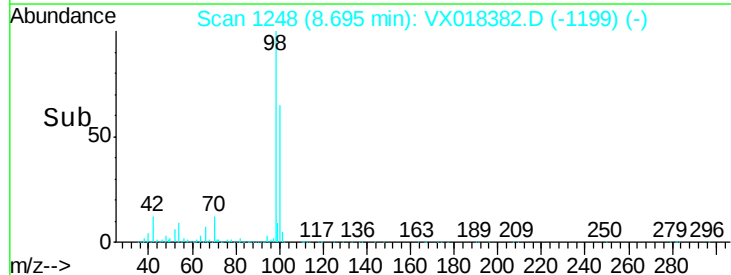
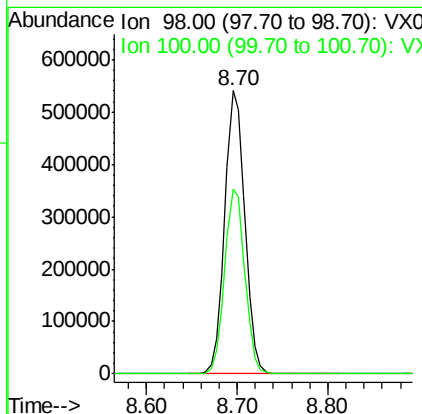
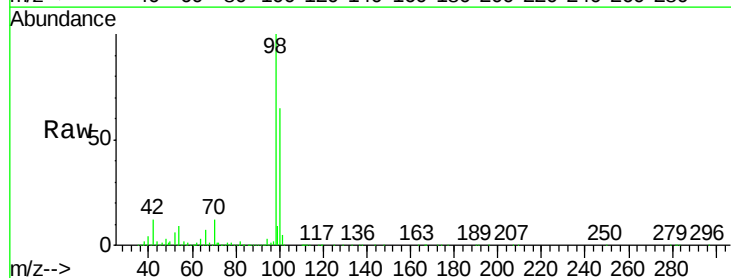
RT: 8.70 min Scan# 1248

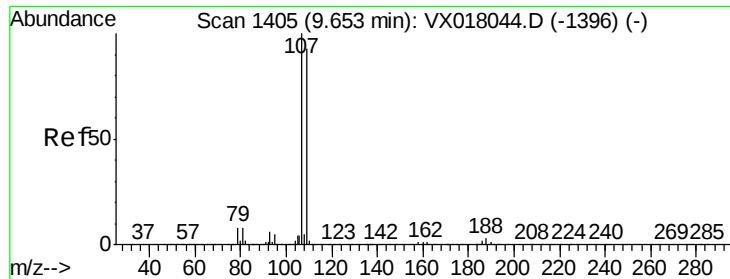
Delta R.T. -0.00 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Tgt Ion:	98	Resp:	838425
Ion Ratio	Lower	Upper	
98	100		
100	65.3	52.2	78.4





#61

1,2-Dibromoethane

Concen: 0.216 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

PAV-B41-091120-GW

Tot Ion: 107 Resp: 1206

Ion Ratio Lower Upper

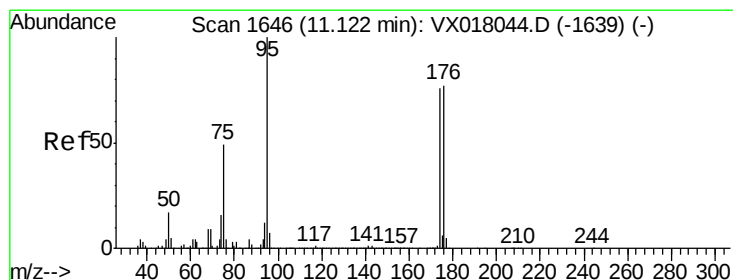
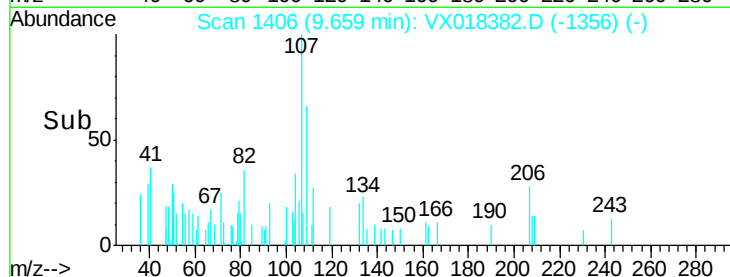
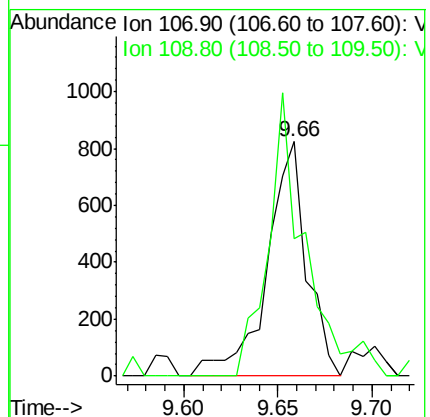
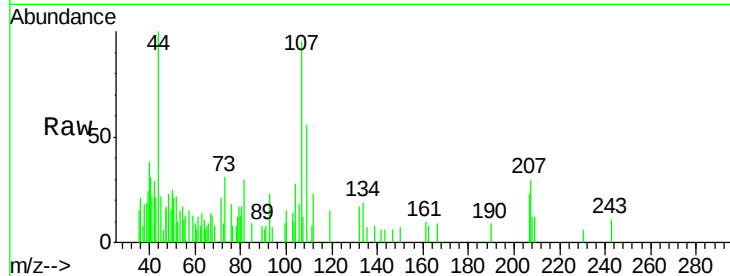
107 100

109 112.0 75.9 113.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 45.133 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

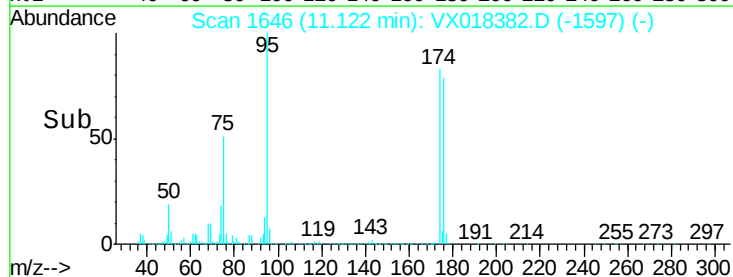
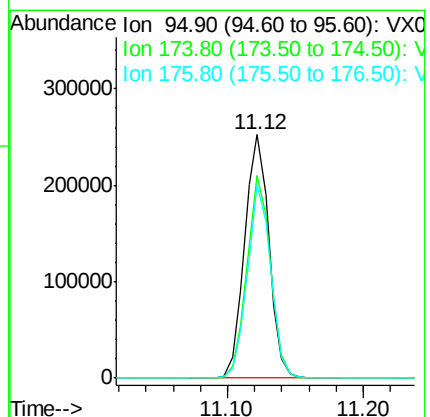
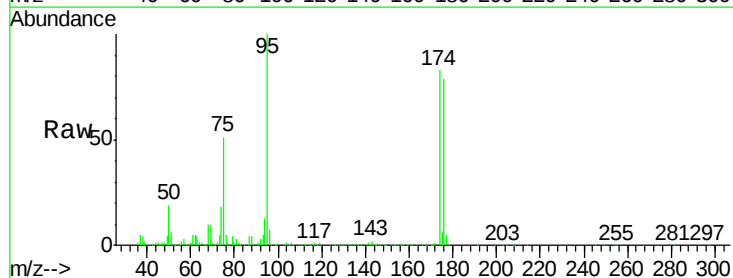
Tgt Ion: 95 Resp: 315504

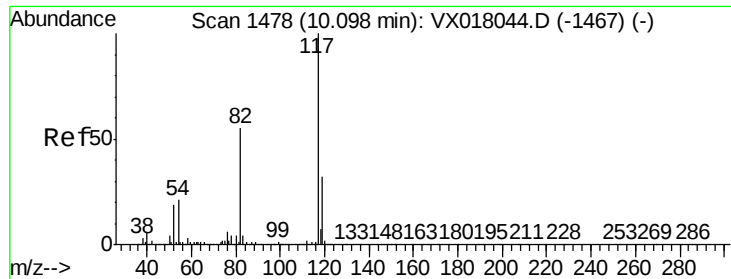
Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.2

176 76.9 0.0 155.8





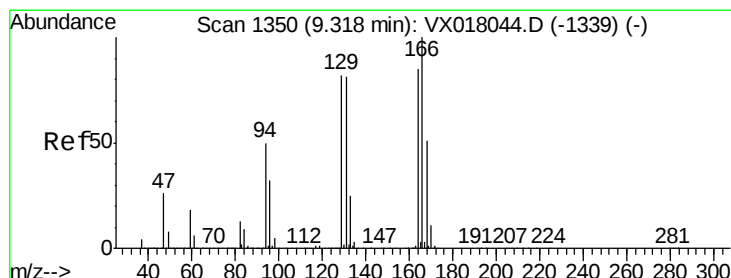
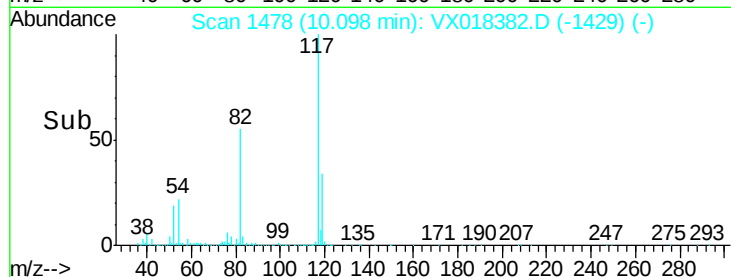
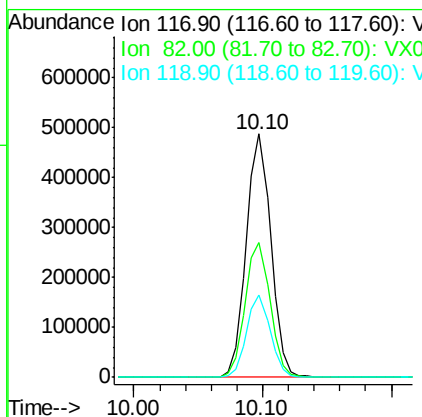
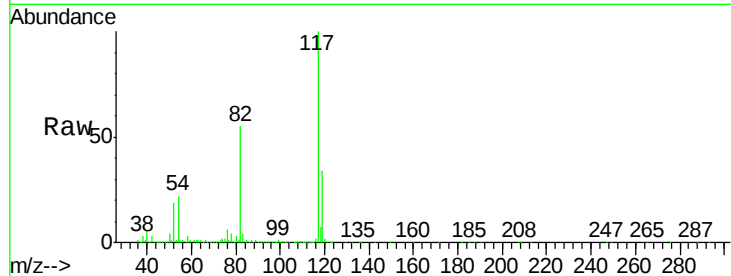
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018382.D
Acq: 14 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAV-B41-091120-GW

Tot Ion	Ratio	Resp	Lower	Upper
117	100	641929		
82	55.2	44.2	66.2	
119	33.6	25.7	38.5	

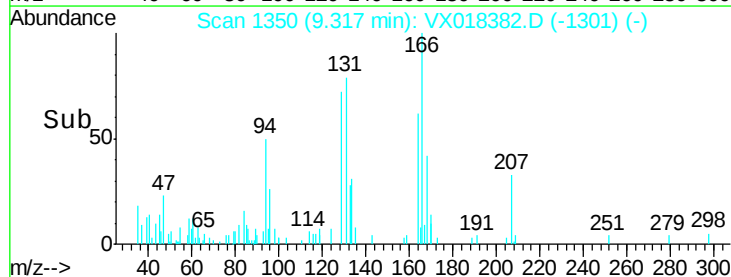
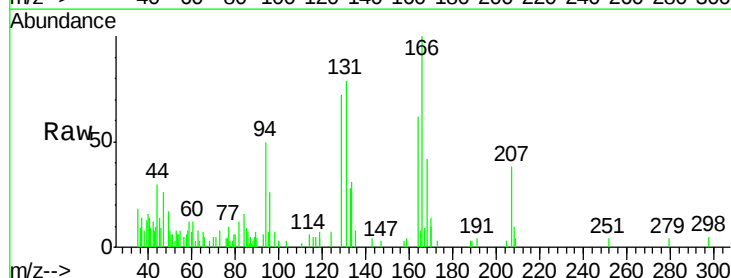
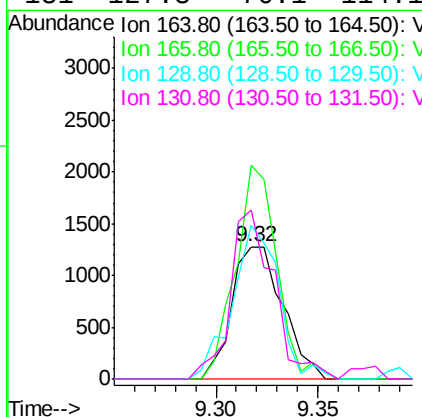
Manual Integrations
APPROVED

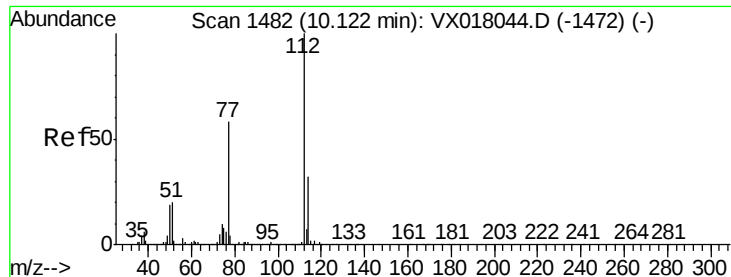
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#64
Tetrachloroethene
Concen: 0.470 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018382.D
Acq: 14 Sep 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	2218		
166	161.3	94.2	141.2#	
129	116.2	76.9	115.3#	
131	127.3	76.1	114.1#	





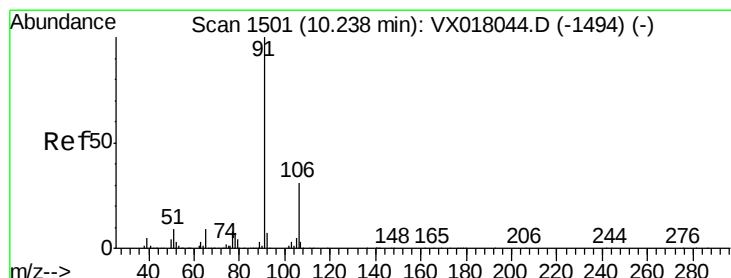
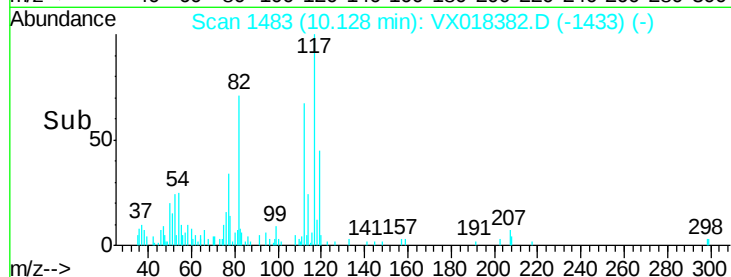
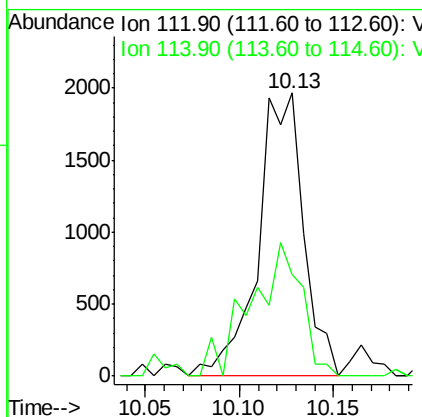
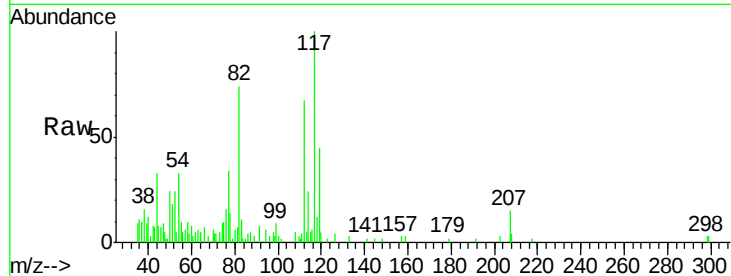
#65
Chlorobenzene
Concen: 0.257 ug/l
RT: 10.13 min Scan# 1483
Delta R.T. 0.01 min
Lab File: VX018382.D
Acq: 14 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAV-B41-091120-GW

Tot Ion: 112 Resp: 3292
Ion Ratio Lower Upper
112 100
114 35.9 25.7 38.5

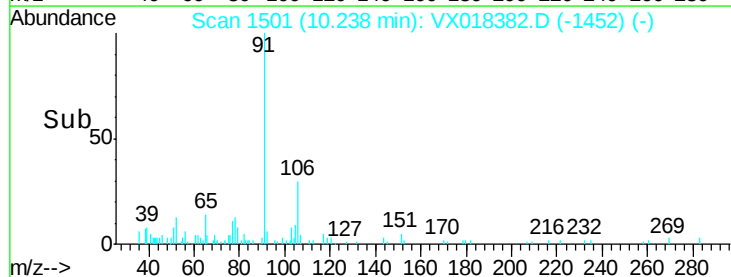
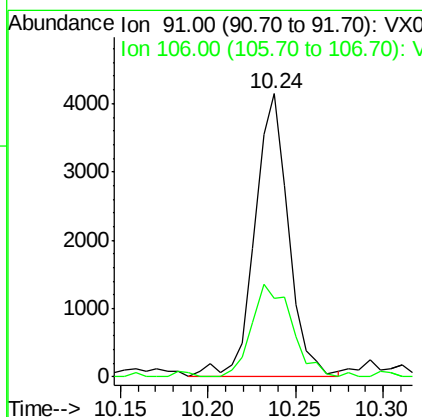
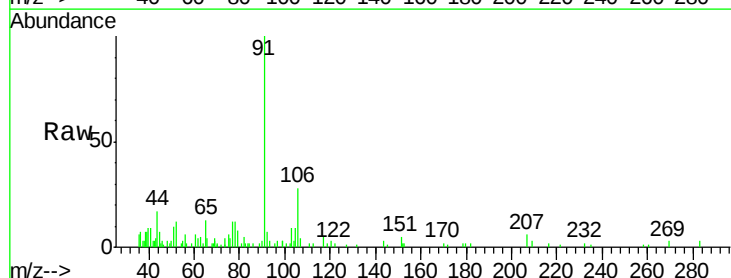
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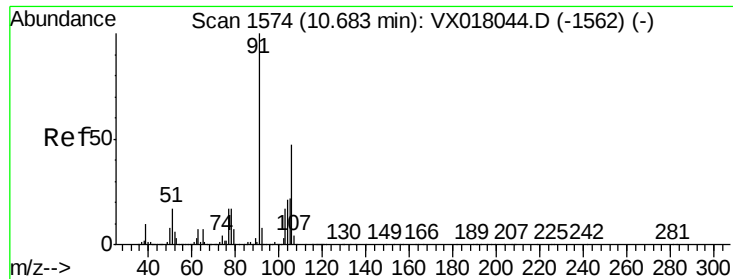
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#67
Ethyl Benzene
Concen: 0.256 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018382.D
Acq: 14 Sep 2020 14:19

Tgt Ion: 91 Resp: 5573
Ion Ratio Lower Upper
91 100
106 27.7 24.9 37.3





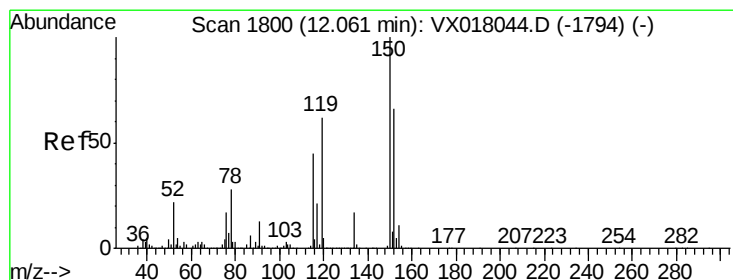
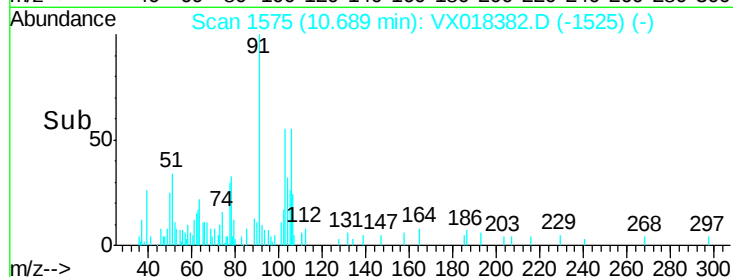
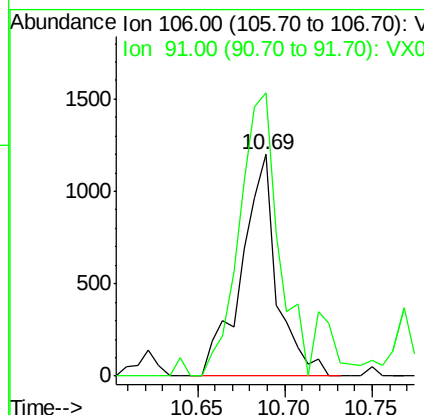
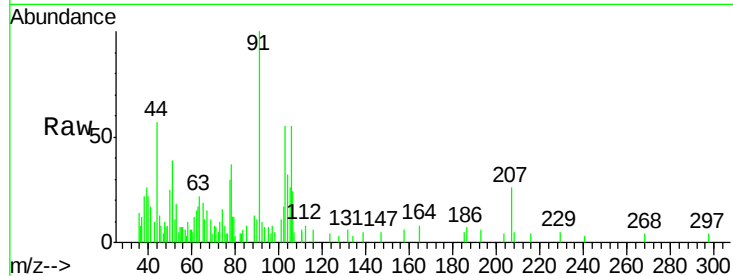
#69
o-Xylene
Concen: 0.213 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX018382.D
Acq: 14 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAV-B41-091120-GW

Tot Ion:106 Resp: 1682
Ion Ratio Lower Upper
106 100
91 140.2 107.1 321.3

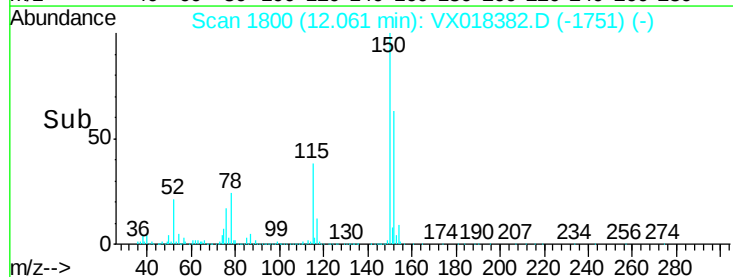
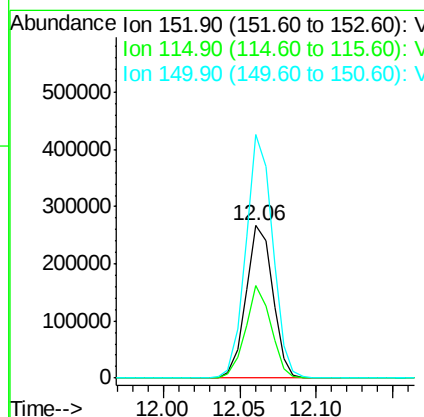
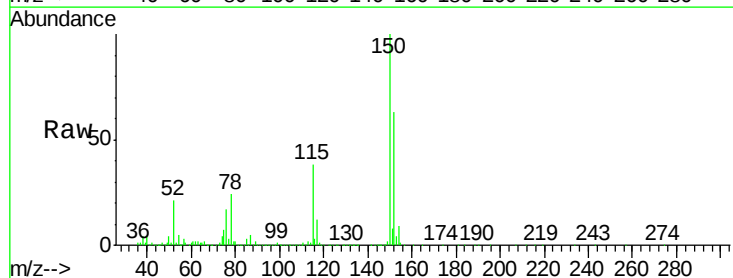
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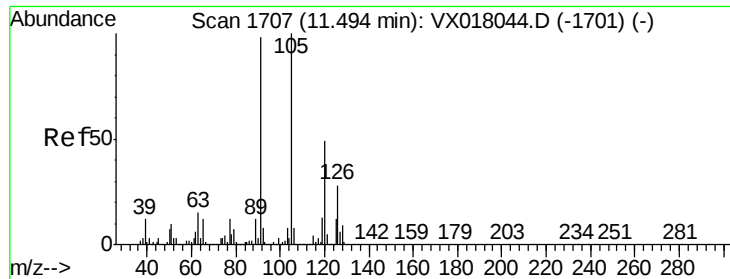
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018382.D
Acq: 14 Sep 2020 14:19

Tgt Ion:152 Resp: 325942
Ion Ratio Lower Upper
152 100
115 57.6 41.5 124.5
150 158.5 0.0 343.8





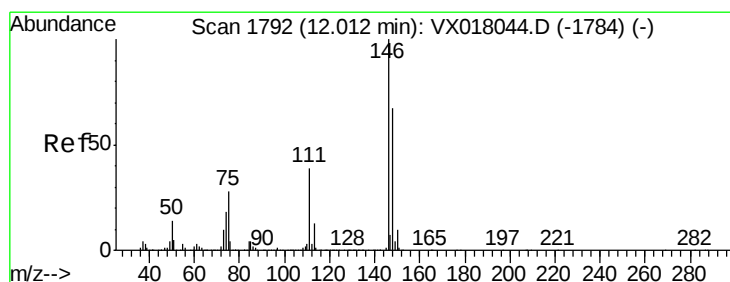
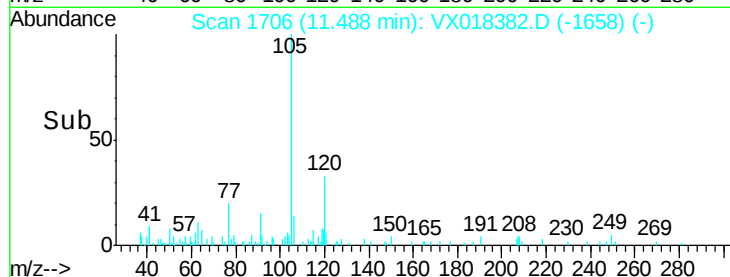
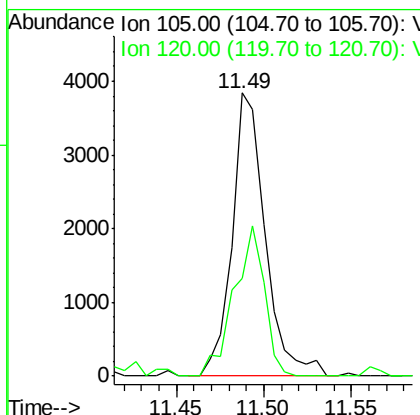
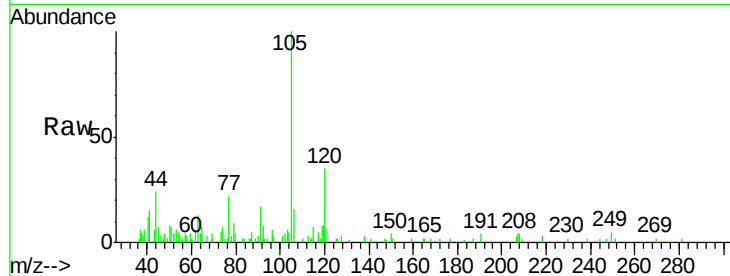
#80
 1,3,5-Trimethylbenzene
 Concen: 0.287 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018382.D
 Acq: 14 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B41-091120-GW

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.1	72.2

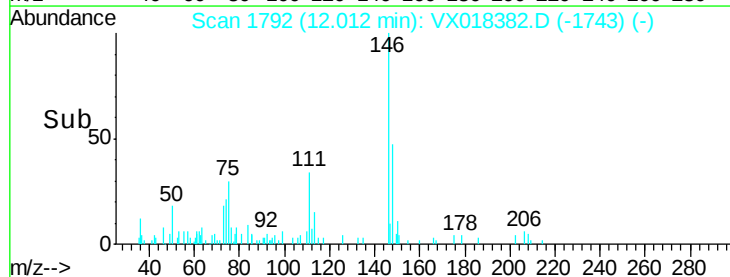
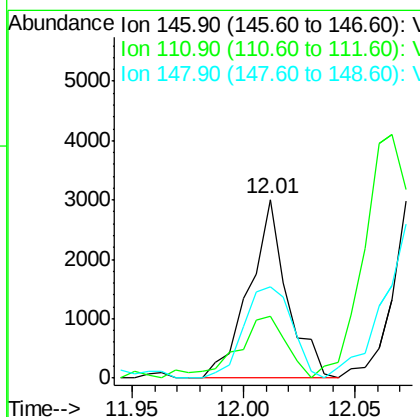
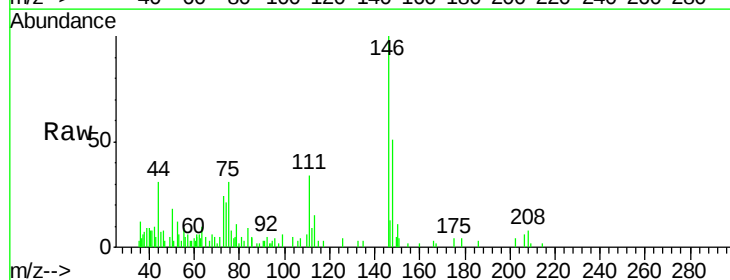
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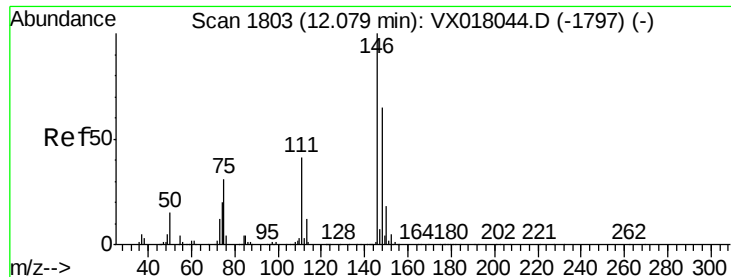
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#87
 1,3-Dichlorobenzene
 Concen: 0.343 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018382.D
 Acq: 14 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	20.6	61.8
148	65.3	33.1	99.2





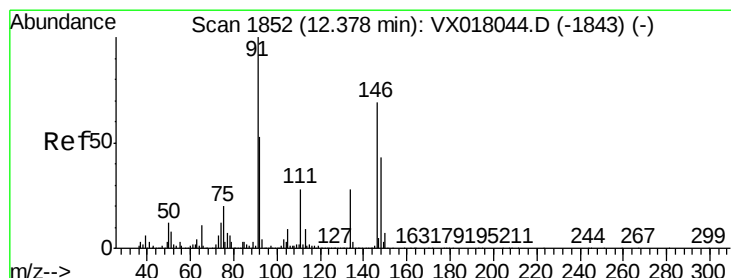
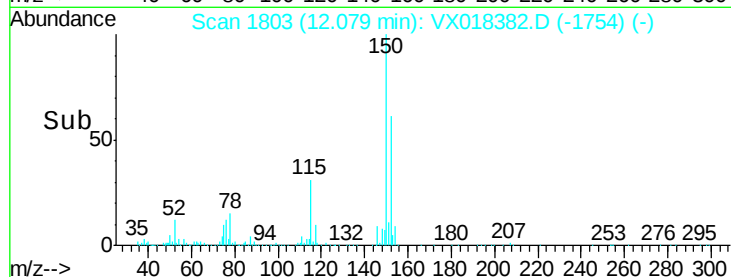
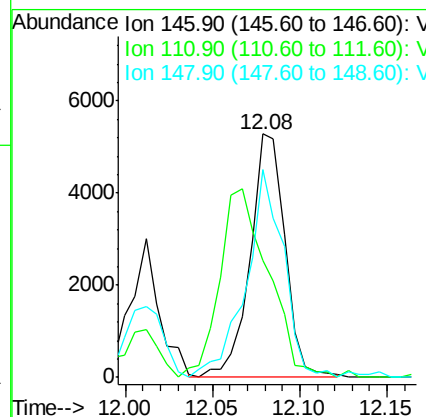
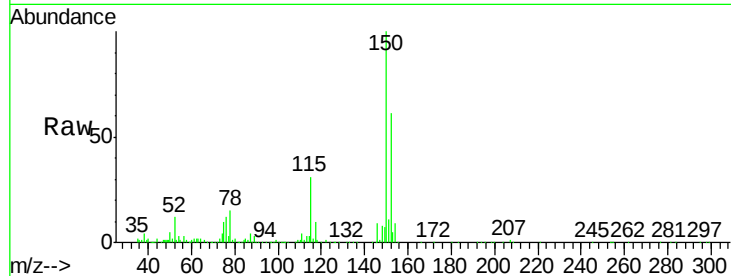
#88
 1,4-Dichlorobenzene
 Concen: 0.708 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018382.D
 Acq: 14 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B41-091120-GW

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.3	60.8#
148	0.0	33.1	99.2#

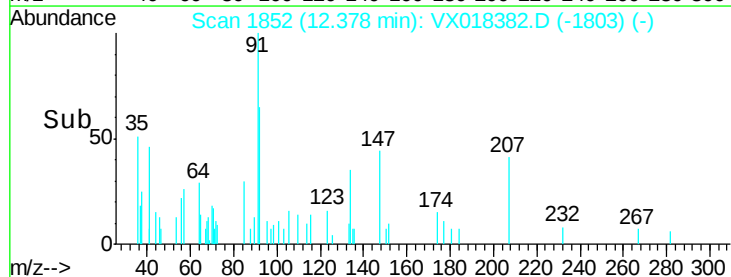
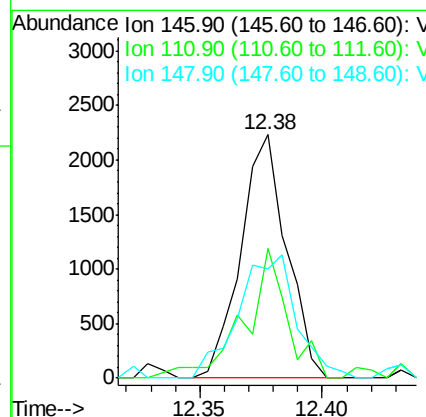
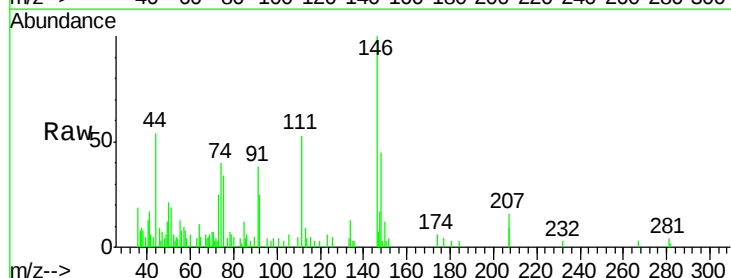
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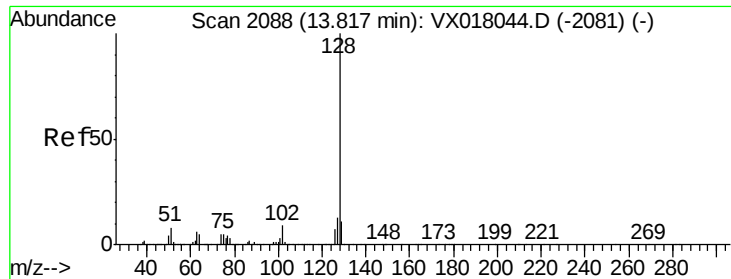
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#91
 1,2-Dichlorobenzene
 Concen: 0.297 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018382.D
 Acq: 14 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.9	20.8	62.5
148	64.8	31.6	95.0





#95
Naphthalene
Concen: 0.707 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018382.D
Acq: 14 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAV-B41-091120-GW

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.1	10.2	15.2#
129	12.4	8.7	13.1

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