

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
 Data File : VW003381.D
 Acq On : 21 Jun 2018 11:32
 Operator : SY/AP
 Sample : J3619-23
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ56

Manual Integrations
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 6/26/2018 8:06:29 PM

Quant Time: Jun 24 21:56:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 04:53:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	410083	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	386340	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	205492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119187	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.89	69	103129	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.88%
10) 1,1-Dichloroethene-d2	4.01	63	215833	19.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.16%
20) 2-Butanone-d5	7.09	46	72438	41.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.66%
24) Chloroform-d	7.65	84	233494	21.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	8.31	65	141047	22.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.00%
29) Benzene-d6	8.27	84	441699	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.28	67	140702	21.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.72%
37) Toluene-d8	10.33	98	435337	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.84%
38) trans-1,3-Dichloropropene-	10.59	79	65750	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.32%
39) 2-Hexanone-d5	10.93	63	57564	43.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	127681	21.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.60%
61) 1,2-Dichlorobenzene-d4	13.87	152	158247	20.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	28442m	12.63	ug/L	
5) Vinyl chloride	2.36	62	82736	11.81	ug/L	97
8) Chloroethane	2.92	64	77719	18.21	ug/L	94
12) 1,1-Dichloroethene	4.03	96	66772	13.03	ug/L	86
13) Acetone	4.15	43	329489	176.38	ug/L	98
14) Carbon disulfide	4.37	76	346492	20.95	ug/L	99
16) Methylene chloride	4.90	84	172819	30.58	ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	142226	26.63	ug/L	98
19) 1,1-Dichloroethane	6.21	63	108360	10.87	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	179757	31.67	ug/L	97
23) Bromochloromethane	7.51	128	105134	40.04	ug/L	98
25) Chloroform	7.68	83	120144	11.72	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	349475	41.17	ug/L	99
32) Carbon tetrachloride	8.07	117	124934	15.24	ug/L	100
35) Trichloroethene	9.09	95	186909	31.48	ug/L	99
40) 1,2-Dichloropropane	9.37	63	114422	19.74	ug/L	99
41) Bromodichloromethane	9.65	83	96328	12.93	ug/L	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) cis-1,3-Dichloropropene	10.07	75	102271	11.82	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	174775	42.20	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	167257	21.36	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	45132	10.43	ug/L	94
47) Tetrachloroethene	10.87	164	101556	20.35	ug/L	98
49) 2-Hexanone	10.98	43	204170	66.15	ug/L	98
50) Dibromochloromethane	11.13	129	66685	12.66	ug/L	98
51) 1,2-Dibromoethane	11.24	107	87007	20.23	ug/L	94
56) Styrene	12.19	104	309871	18.96	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	167501	29.36	ug/L	100
62) Bromoform	12.35	173	66801	19.32	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	322224	25.50	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	39666	37.47	ug/L	92
70) 1,2,3-Trichlorobenzene	15.57	180	67846	9.26	ug/L	99

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

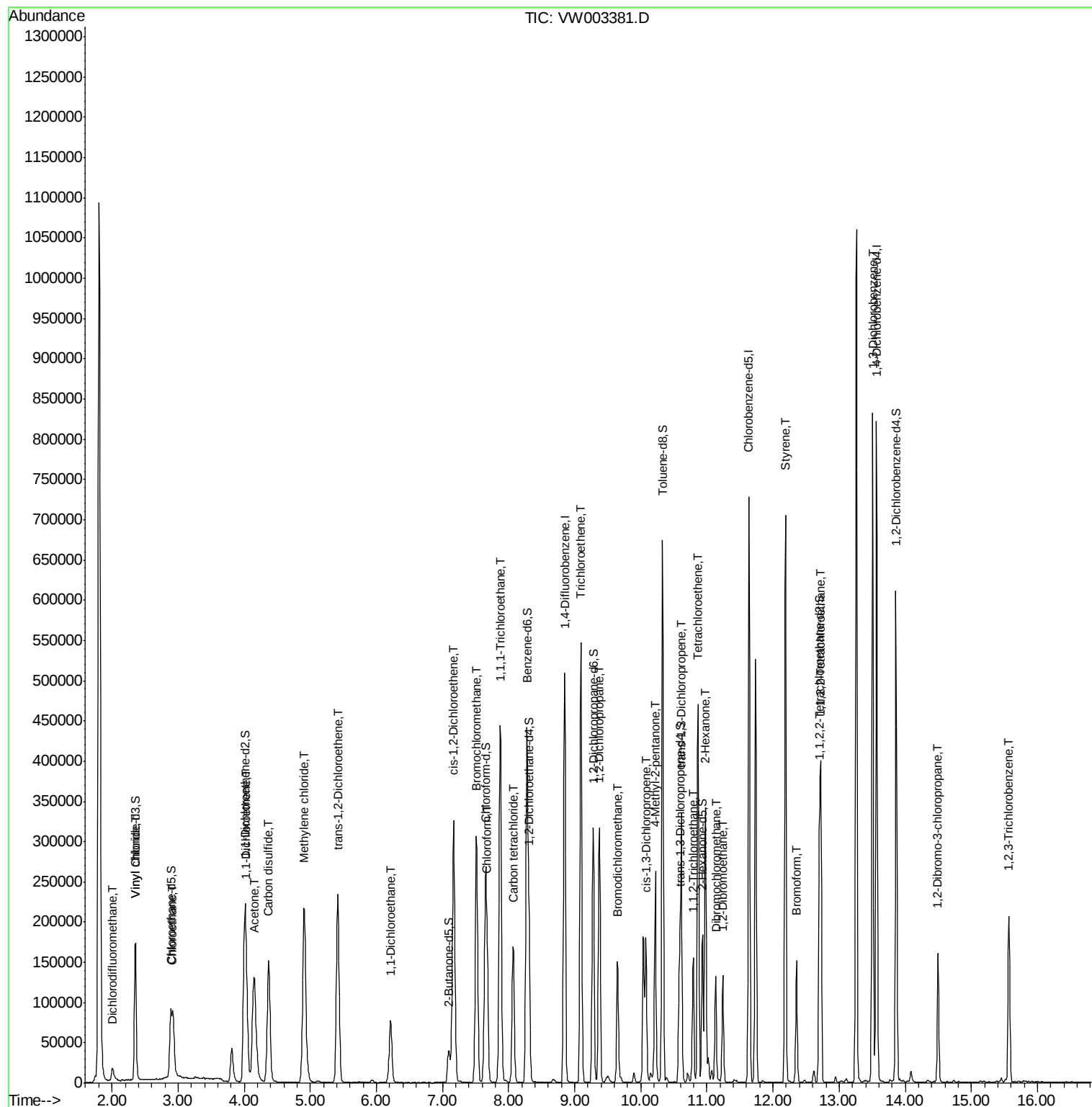
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062118\
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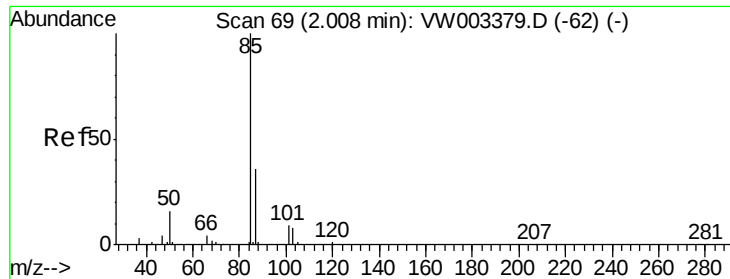
Instrument :
MSVOA_W
ClientSampled :
DAZ56

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Quant Title : VOC Analysis
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#2

Dichlorodifluoromethane

Concen: 12.63 ug/L m

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW003381.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_W

ClientSampleId :

DAZ56

Tot Ion: 85 Resp: 28442

Ion Ratio Lower Upper

85 100

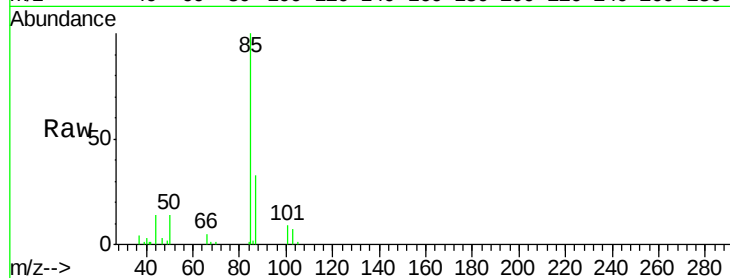
87 27.1 17.1 31.7

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Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW

2.01

10000

8000

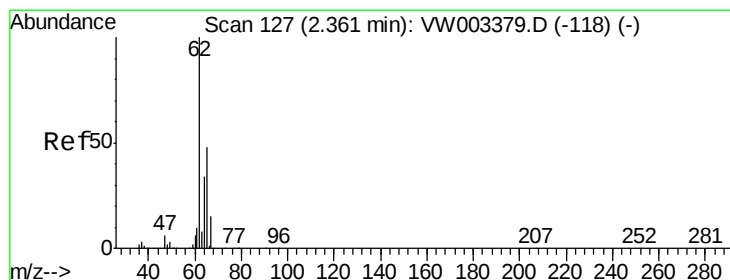
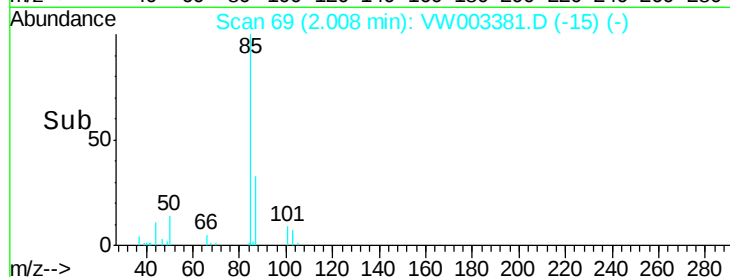
6000

4000

2000

0

Time--> 1.90 2.00 2.10



#5

Vinyl chloride

Concen: 11.81 ug/L

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW003381.D

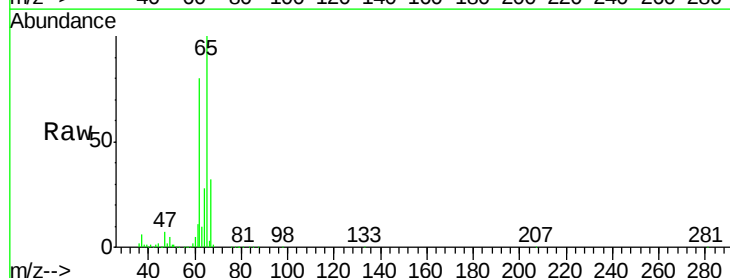
Acq: 21 Jun 2018 11:32

Tgt Ion: 62 Resp: 82736

Ion Ratio Lower Upper

62 100

64 35.0 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW

2.36

50000

40000

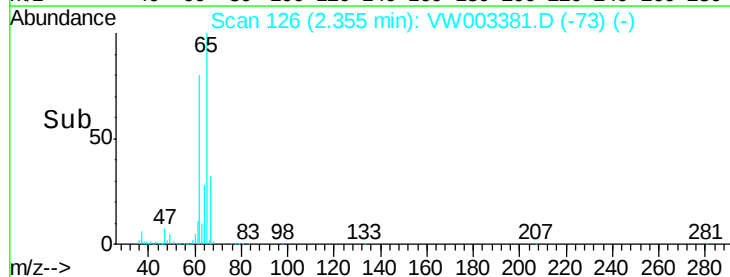
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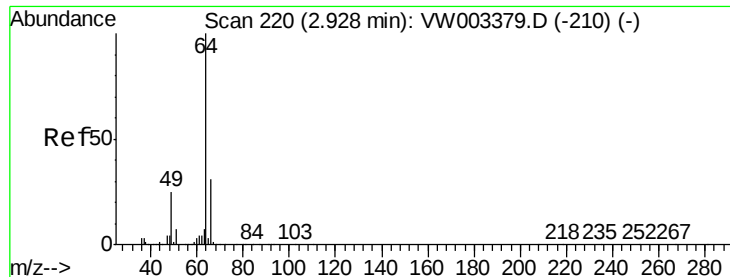
20000

10000

0

Time--> 2.30 2.35 2.40 2.45





#8

Chloroethane

Concen: 18.21 ug/L

RT: 2.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VW003381.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_W

ClientSampleId :

DAZ56

Tot Ion: 64 Resp: 77719

Ion Ratio Lower Upper

64 100

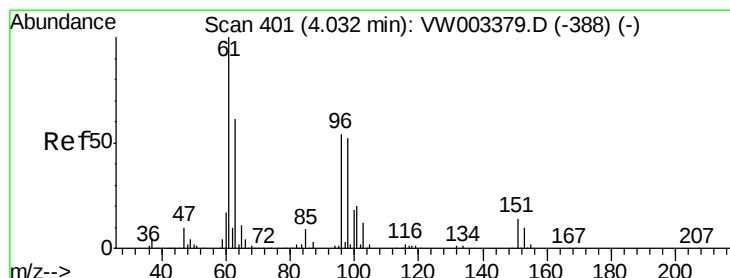
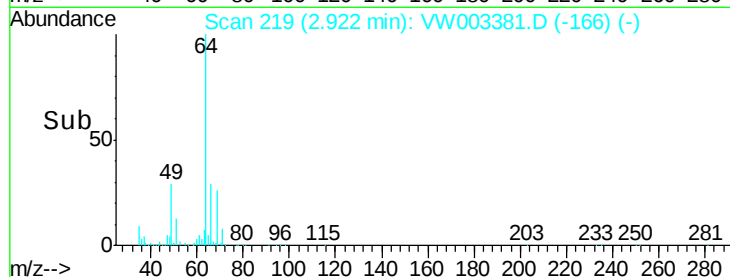
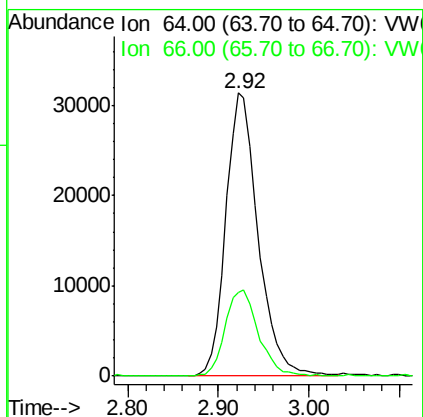
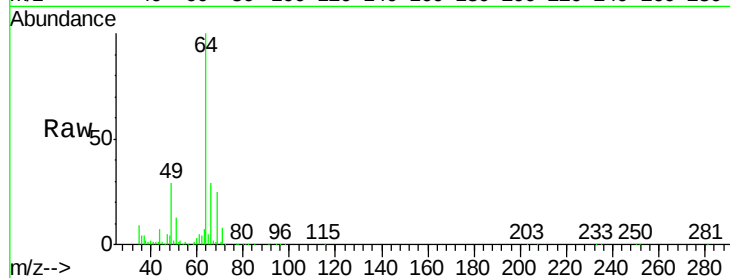
66 29.4 22.9 42.5

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#12

1,1-Dichloroethene

Concen: 13.03 ug/L

RT: 4.03 min Scan# 401

Delta R.T. -0.00 min

Lab File: VW003381.D

Acq: 21 Jun 2018 11:32

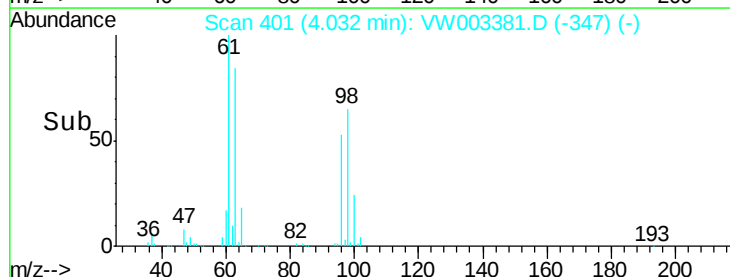
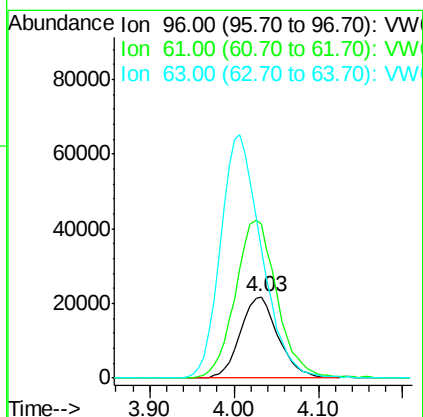
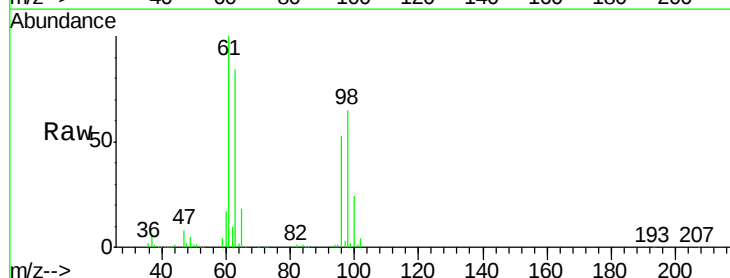
Tgt Ion: 96 Resp: 66772

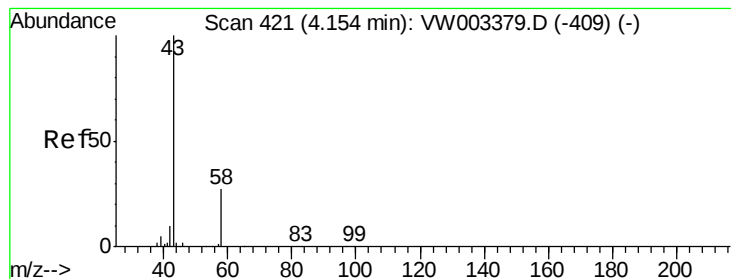
Ion Ratio Lower Upper

96 100

61 188.6 124.1 230.5

63 157.6 93.1 172.9





#13

Acetone

Concen: 176.38 ug/L

RT: 4.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VW003381.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_W

ClientSampleId :

DAZ56

Tot Ion: 43 Resp: 329489

Ion Ratio Lower Upper

43 100

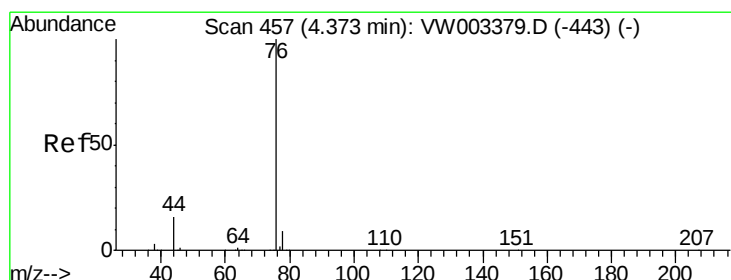
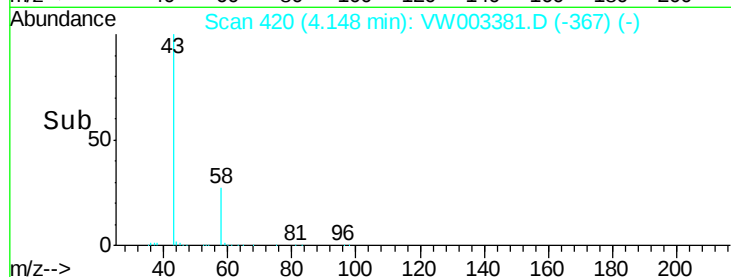
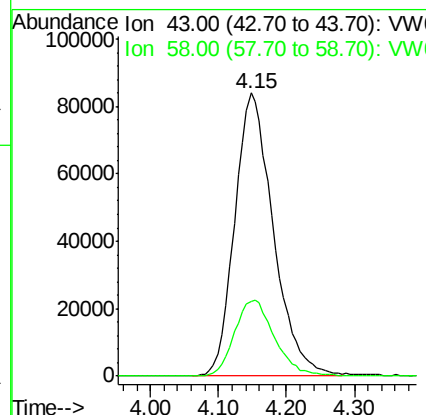
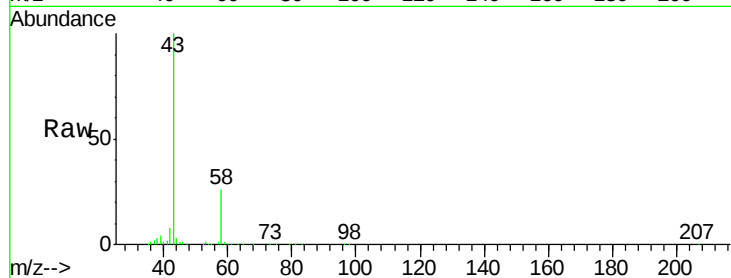
58 28.0 0.0 58.6

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#14

Carbon disulfide

Concen: 20.95 ug/L

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003381.D

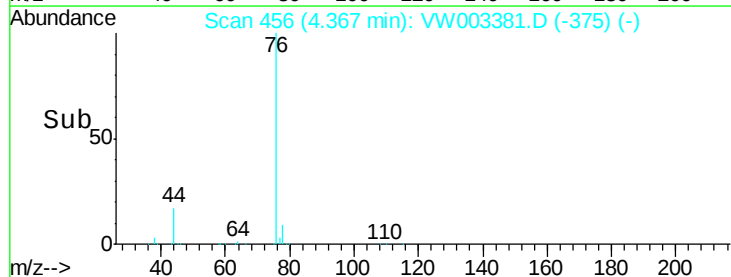
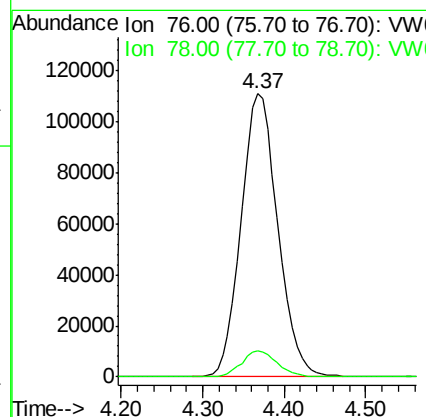
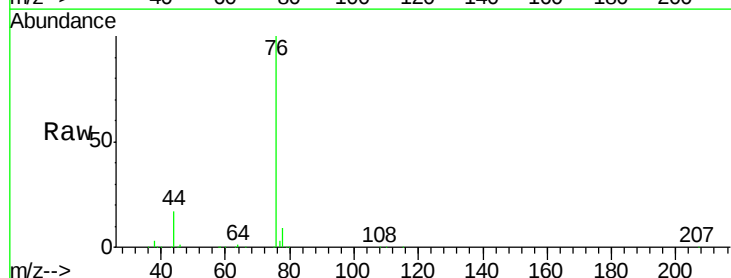
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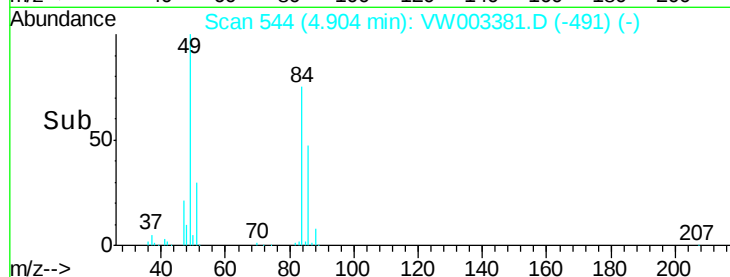
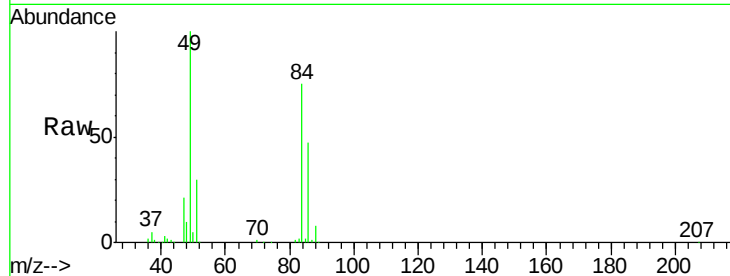
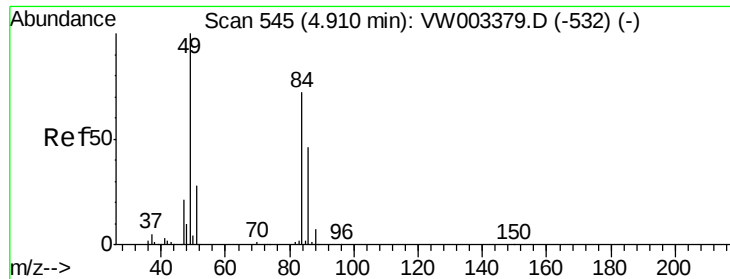
Tgt Ion: 76 Resp: 346492

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





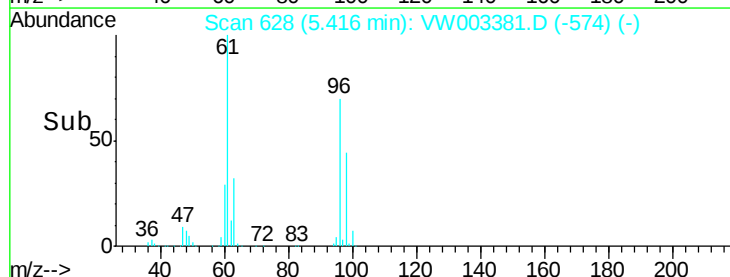
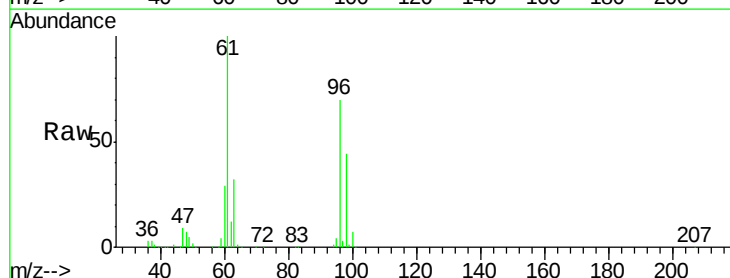
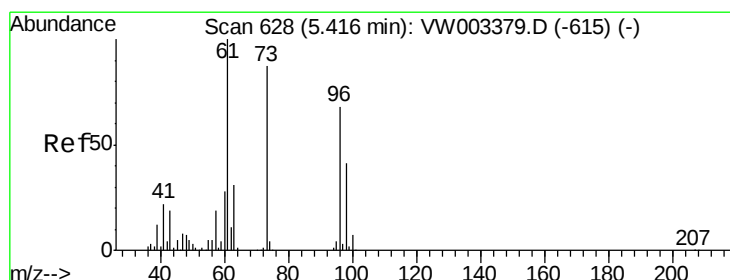
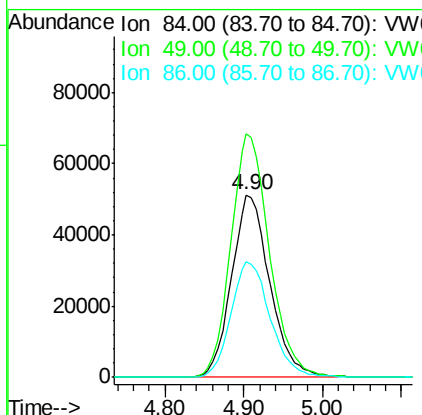
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Methvlene chloride
Concen: 30.58 ug/L
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

Tot Ion	84	Resp	172819
Ion Ratio	Lower	Upper	
84	100		
49	133.6	88.7	164.7
86	63.1	44.2	82.0

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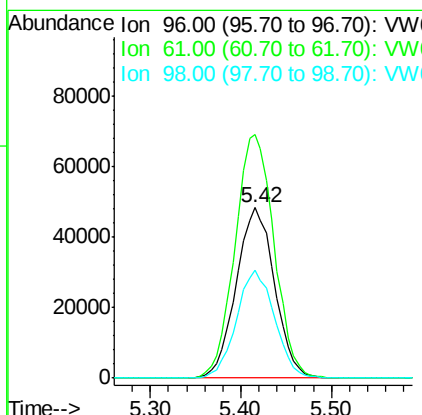
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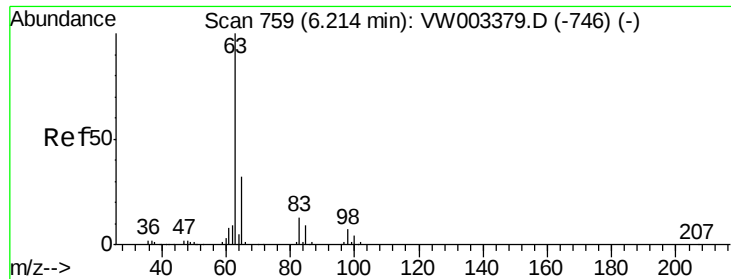
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#18
trans-1,2-Dichloroethene
Concen: 26.63 ug/L
RT: 5.42 min Scan# 628
Delta R.T. -0.00 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

Tgt Ion	96	Resp	142226
Ion Ratio	Lower	Upper	
96	100		
61	143.1	98.0	182.0
98	63.4	44.2	82.2





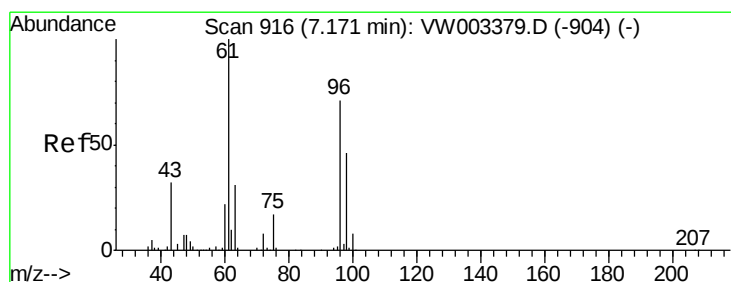
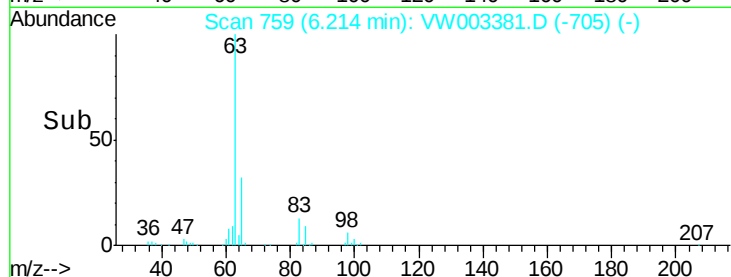
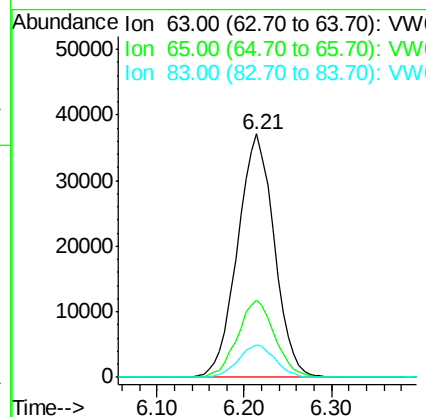
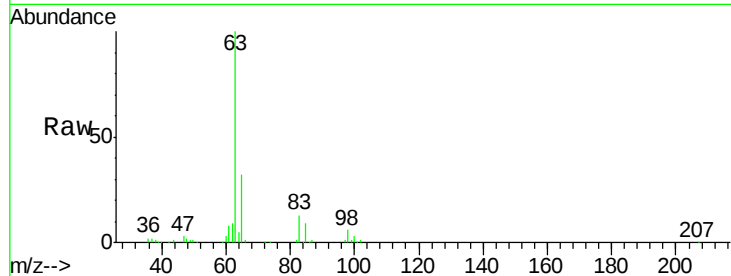
#19
 1,1-Dichloroethane
 Concen: 10.87 ug/L
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW003381.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
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Tot Ion:	63	Resp:	108360
Ion Ratio	Lower	Upper	
63	100		
65	31.8	21.8	40.4
83	13.1	9.0	16.6

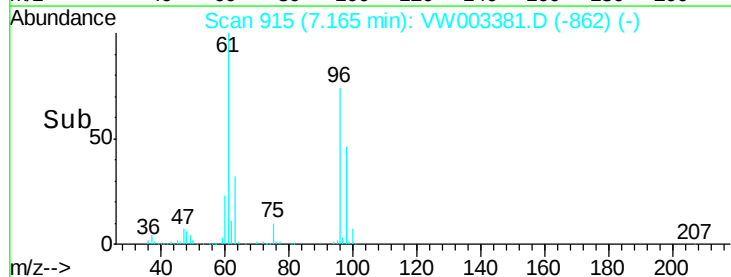
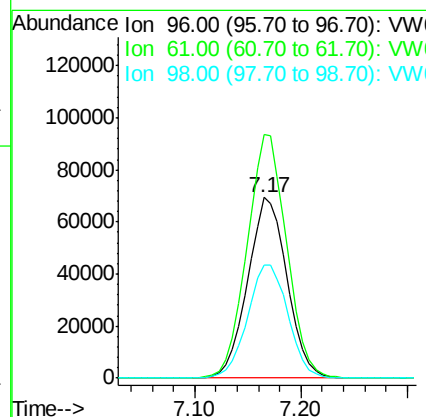
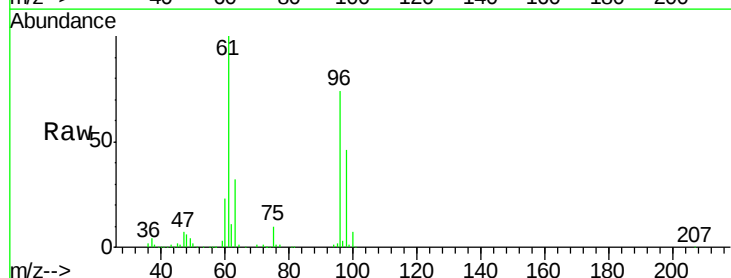
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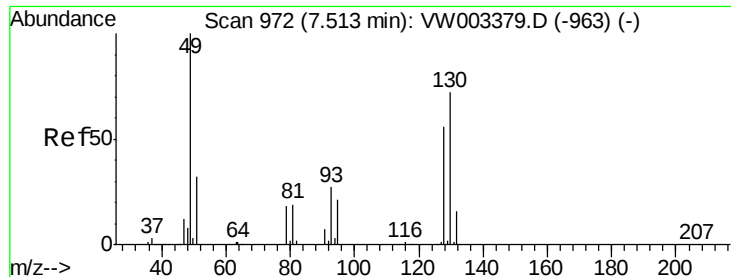
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#22
 cis-1,2-Dichloroethene
 Concen: 31.67 ug/L
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW003381.D
 Acq: 21 Jun 2018 11:32

Tgt Ion:	96	Resp:	179757
Ion Ratio	Lower	Upper	
96	100		
61	134.7	97.7	181.5
98	62.5	45.0	83.6





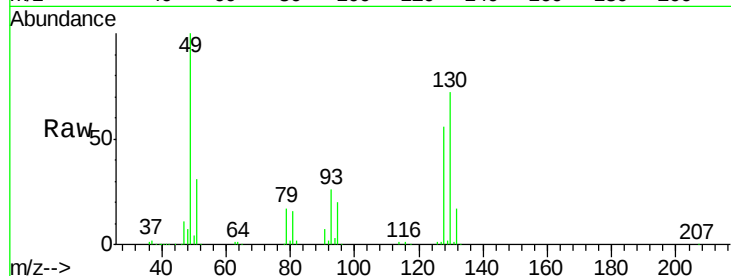
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Bromochloromethane
Concen: 40.04 ug/L
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

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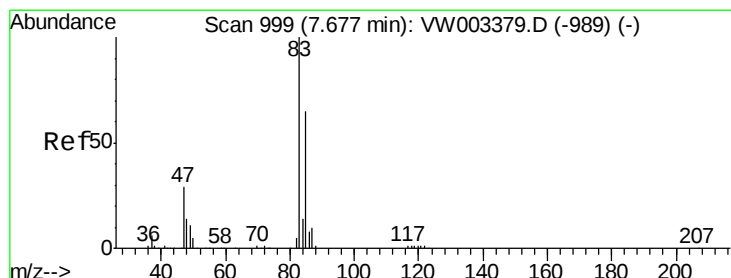
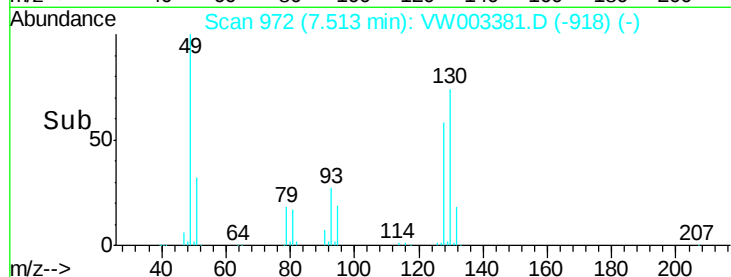
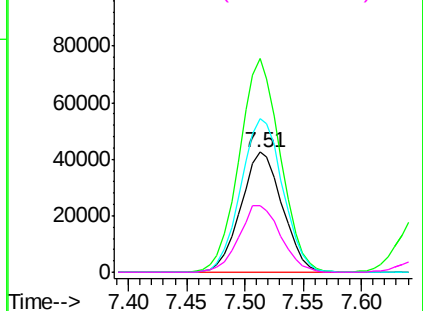
Tot Ion	Ratio	Resp	Lower	Upper
128	100	105134		
49	177.8	122.0	226.6	
130	127.4	88.1	163.5	
51	55.0	43.5	65.3	

Manual Integrations
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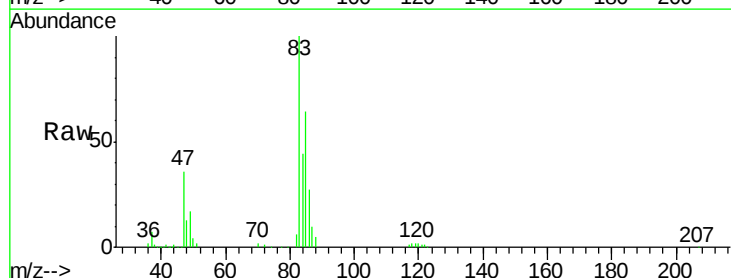


Abundance Ion 128.00 (127.70 to 128.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 130.00 (129.70 to 130.70): VW
Ion 51.00 (50.70 to 51.70): VW

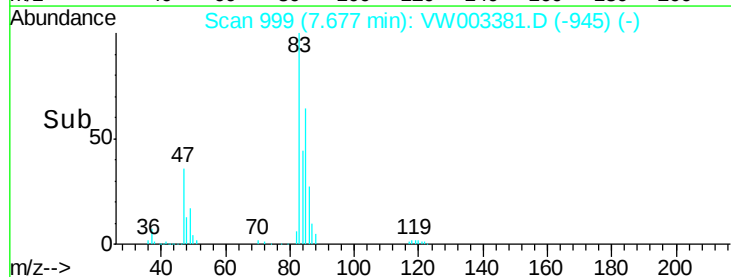
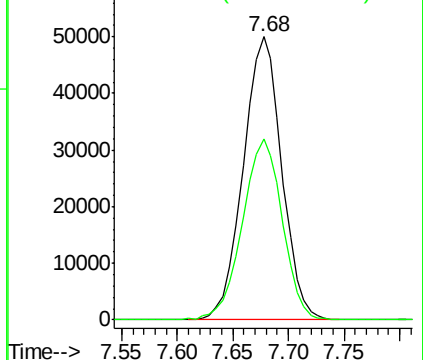


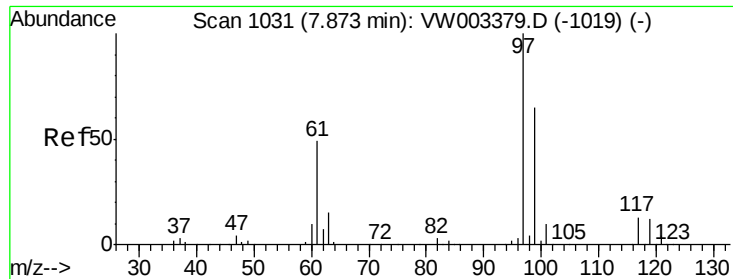
#25
Chloroform
Concen: 11.72 ug/L
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	120144		
85	66.1	46.1	85.5	



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 85.00 (84.70 to 85.70): VW





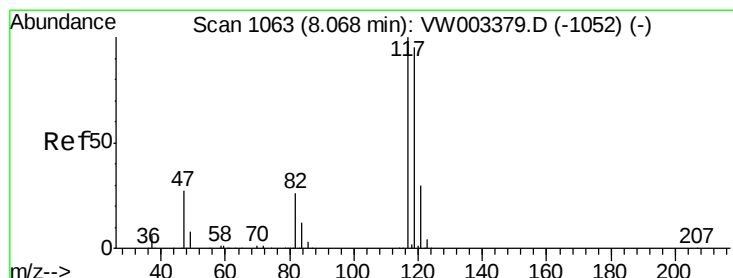
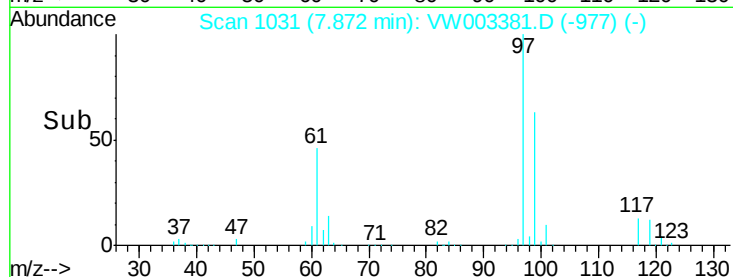
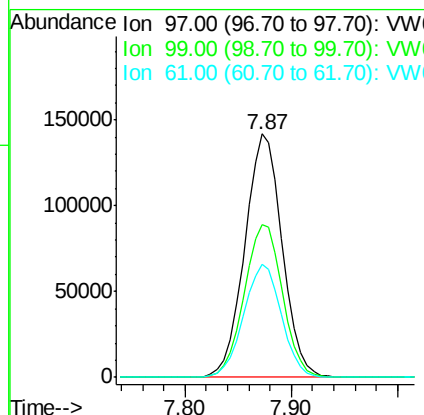
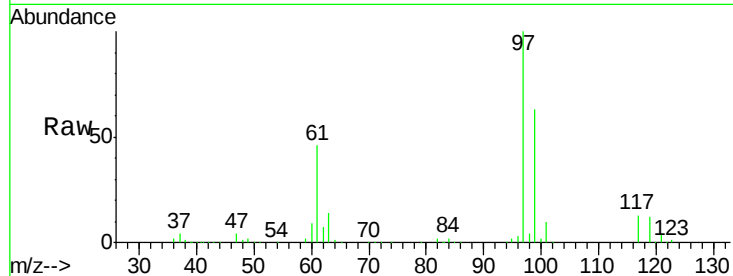
#31
 1,1,1-Trichloroethane
 Concen: 41.17 ug/L
 RT: 7.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VW003381.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		349475		
99	64.2	50.9	76.3		
61	46.8	37.7	56.5		

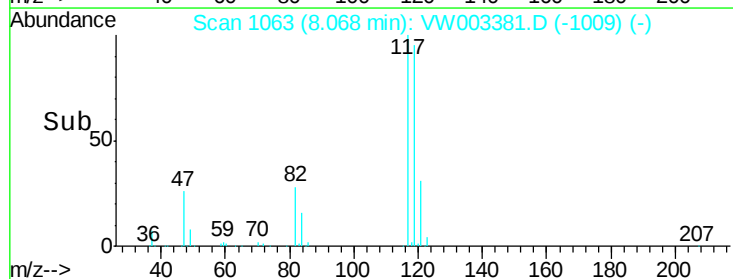
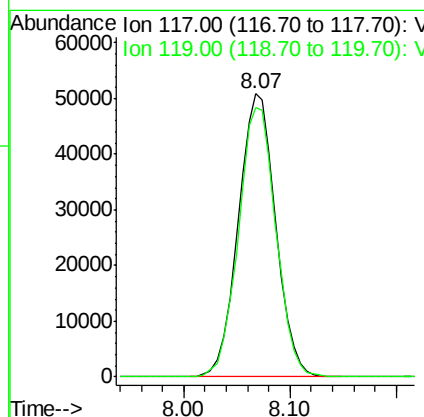
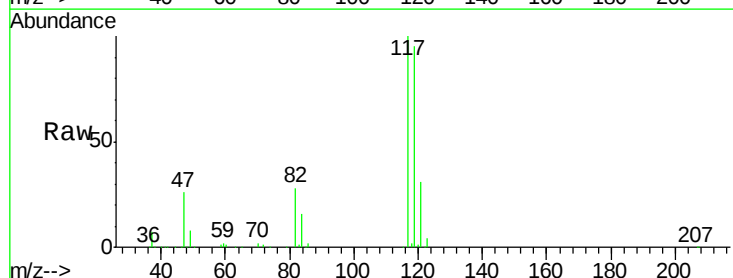
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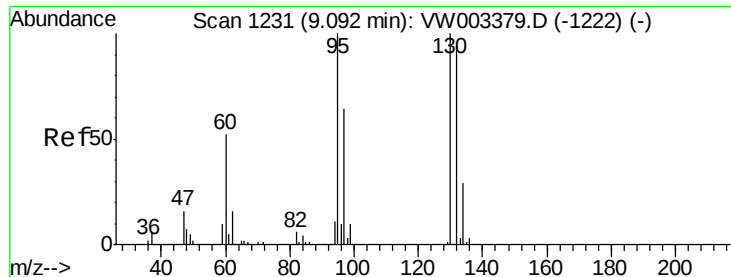
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#32
 Carbon tetrachloride
 Concen: 15.24 ug/L
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003381.D
 Acq: 21 Jun 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		124934		
119	95.9	76.6	114.8		





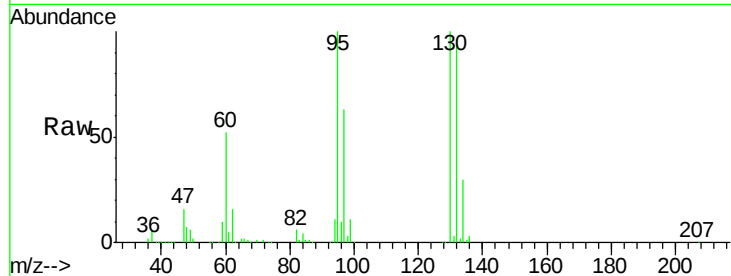
#35
 Trichloroethene
 Concen: 31.48 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW003381.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_W
 ClientSampled :
 DAZ56

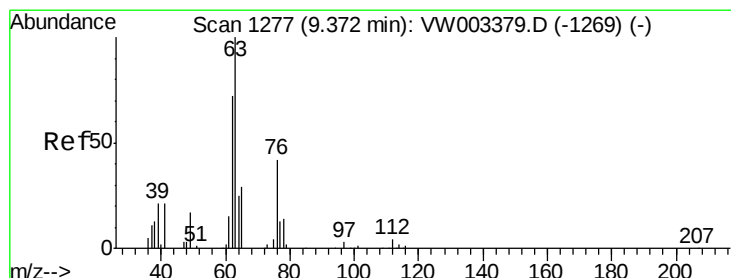
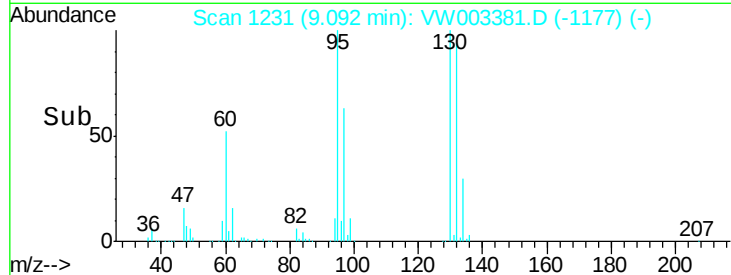
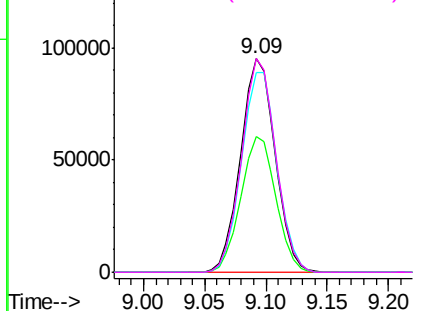
Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		186909		
97	64.2	45.6		84.6	
132	96.0	67.8		125.8	
130	99.1	70.6		131.0	

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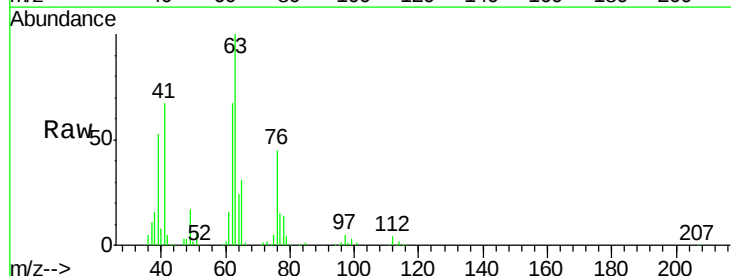


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

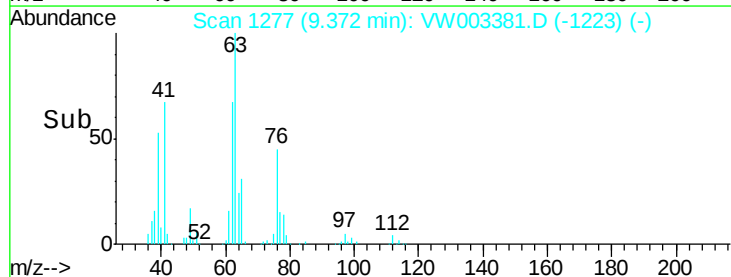
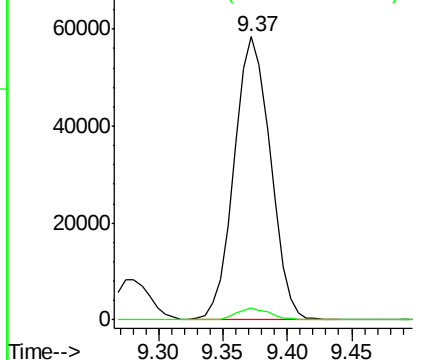


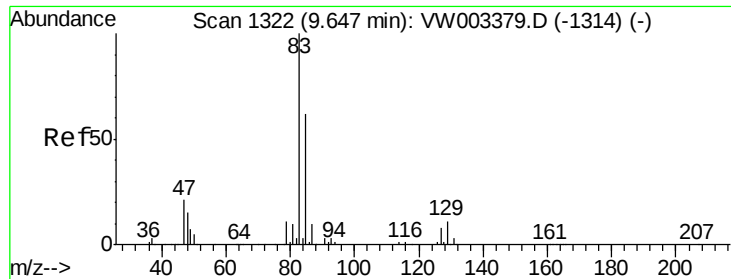
#40
 1,2-Dichloropropane
 Concen: 19.74 ug/L
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003381.D
 Acq: 21 Jun 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
63	100		114422		
112	4.0	3.4		5.0	



Abundance Ion 63.00 (62.70 to 63.70): VW
 Ion 112.00 (111.70 to 112.70): V





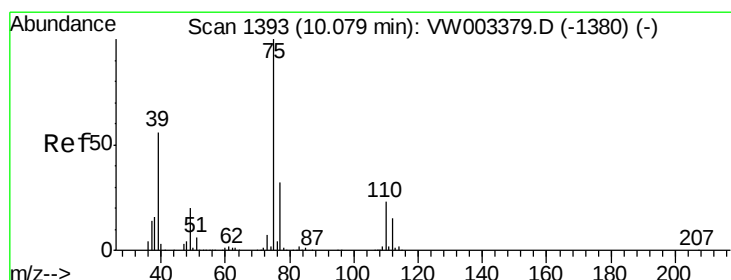
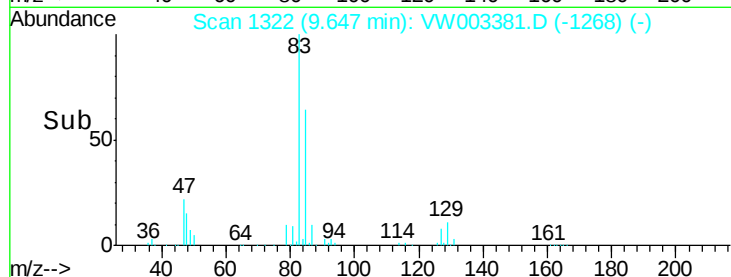
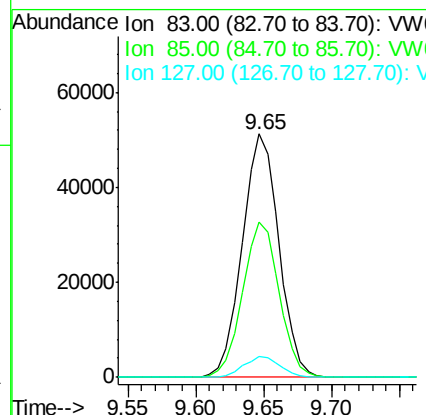
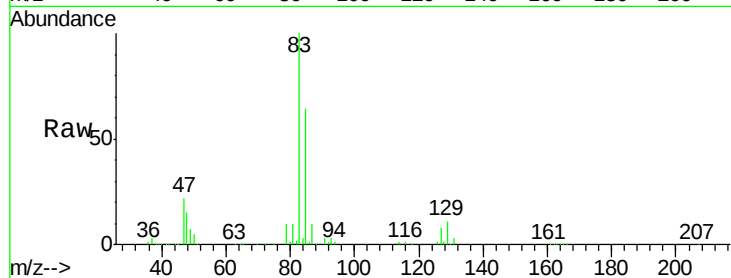
#41
Bromodichloromethane
Concen: 12.93 ug/L
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_W
ClientSampleId :
DAZ56

Tot Ion	83	Resp	96328
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	44.7	83.1
127	8.5	6.2	9.2

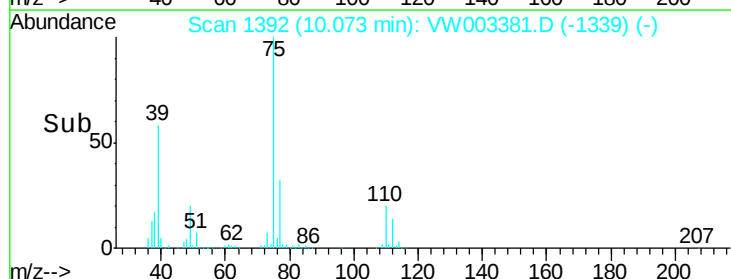
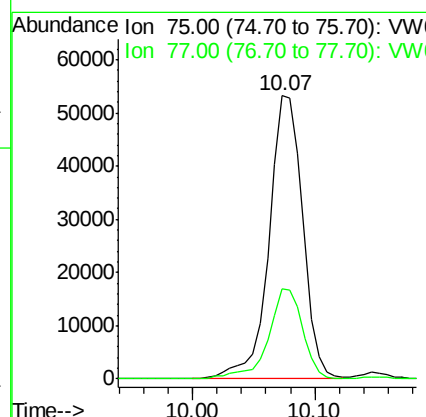
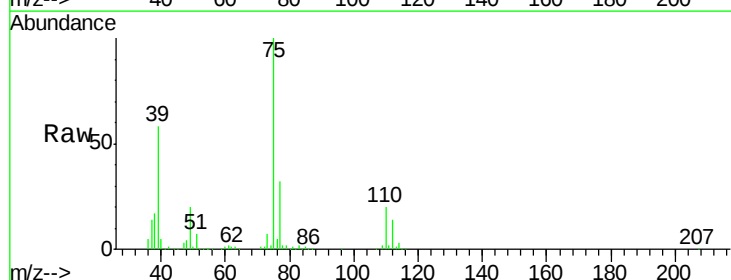
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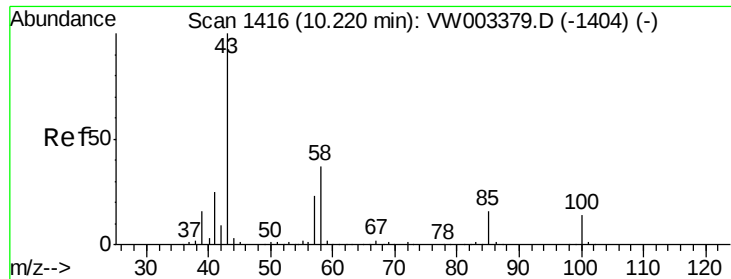
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#42
cis-1,3-Dichloropropene
Concen: 11.82 ug/L
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

Tgt Ion	75	Resp	102271
Ion Ratio	100	Lower	Upper
75	100		
77	32.0	21.8	40.6





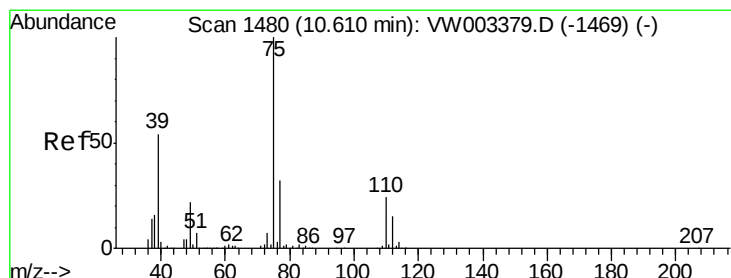
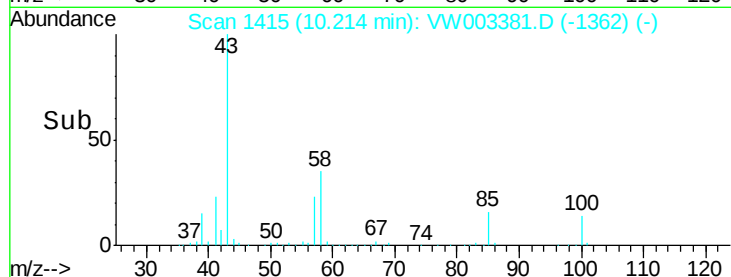
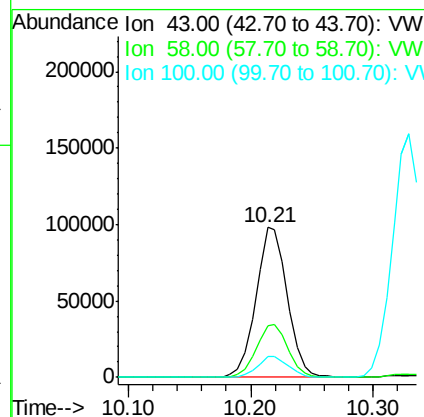
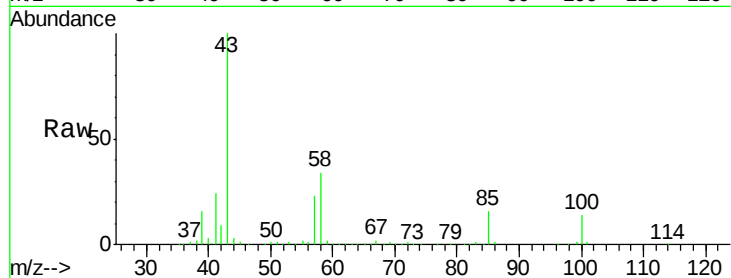
#43
4-Methyl-2-pentanone
Concen: 42.20 ug/L
RT: 10.21 min Scan# 1415
Delta R.T. -0.01 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_W
ClientSampleId :
DAZ56

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.7	43.1
100	13.6	11.1	16.7

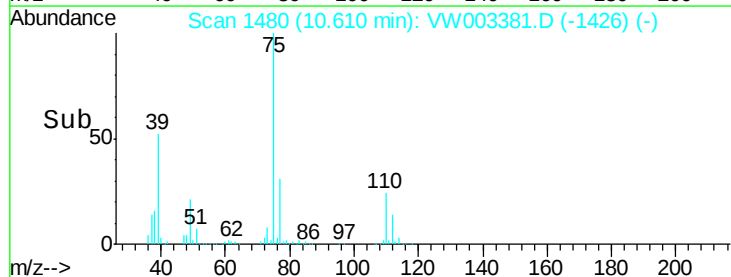
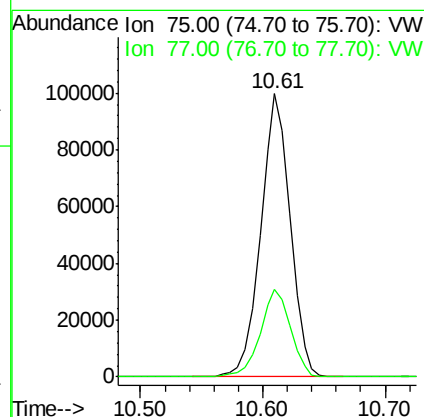
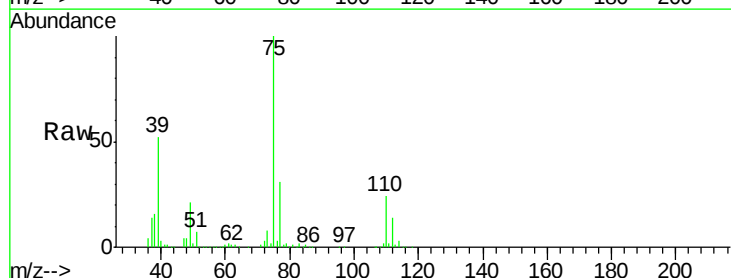
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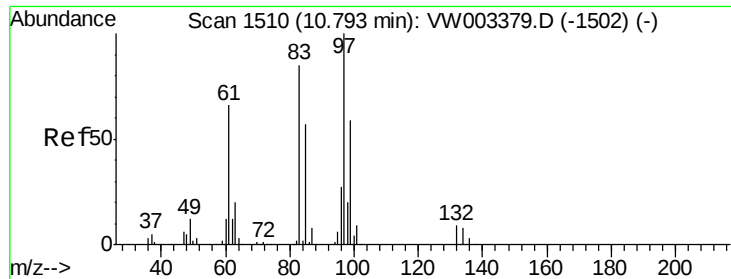
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#45
trans-1,3-Dichloropropene
Concen: 21.36 ug/L
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	22.4	41.6





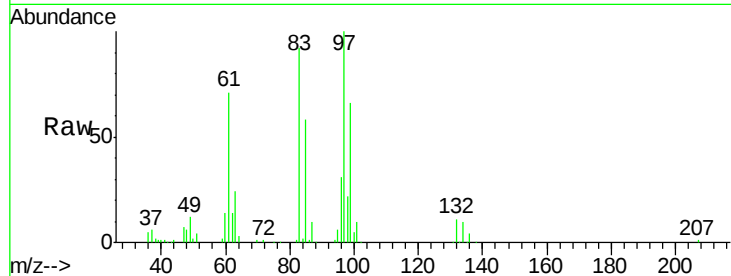
#46
1,1,2-Trichloroethane
Concen: 10.43 ug/L
RT: 10.79 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_W
ClientSampleId :
DAZ56

Tot Ion:	97	Resp:	45132
Ion	Ratio	Lower	Upper
97	100		
83	92.3	58.8	109.2
85	57.8	38.8	72.0
99	66.0	43.8	81.3

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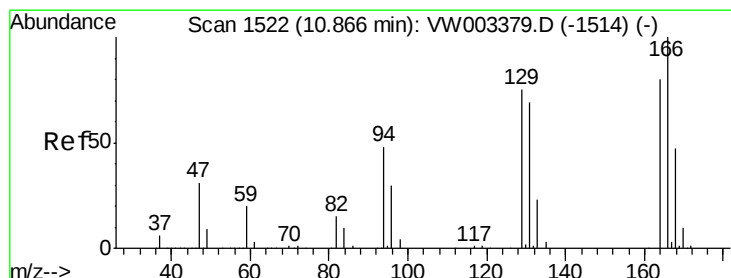
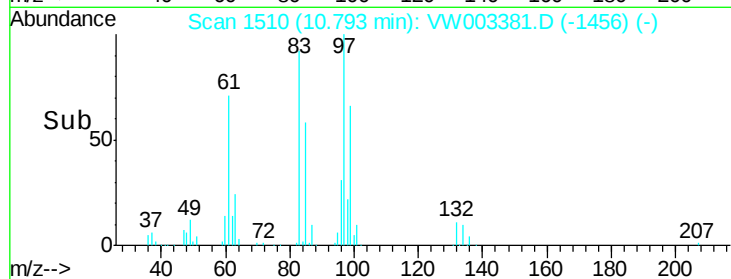
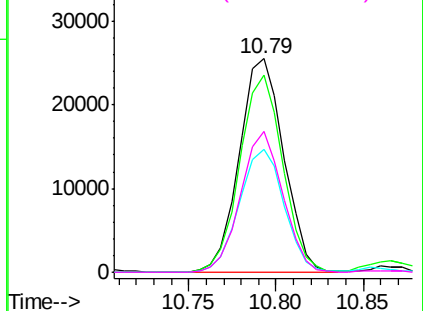
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
Tetrachloroethene
Concen: 20.35 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

Tgt Ion:	164	Resp:	101556
Ion	Ratio	Lower	Upper
164	100		
129	92.3	67.3	124.9
131	90.6	63.8	118.4
166	131.9	90.2	167.4

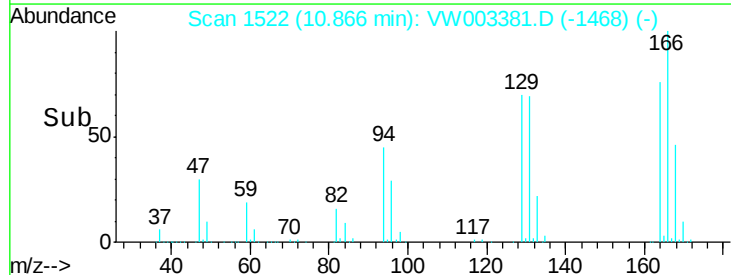
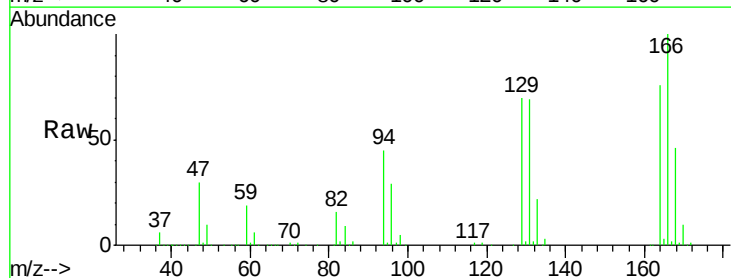
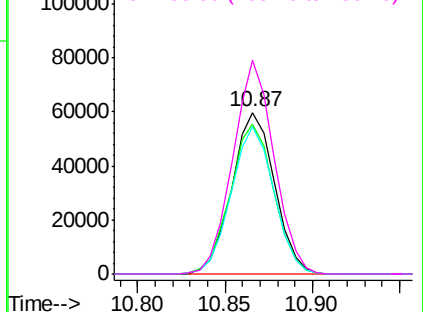
Abundance

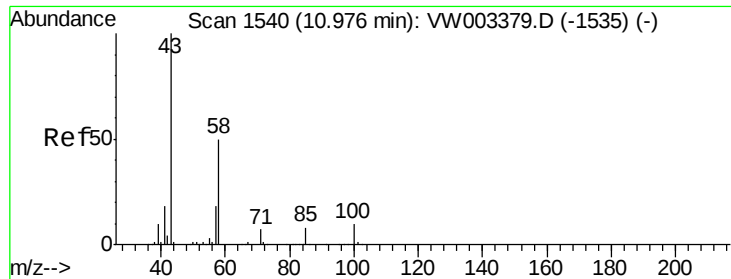
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





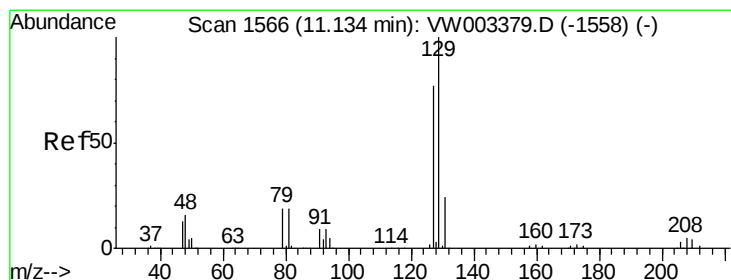
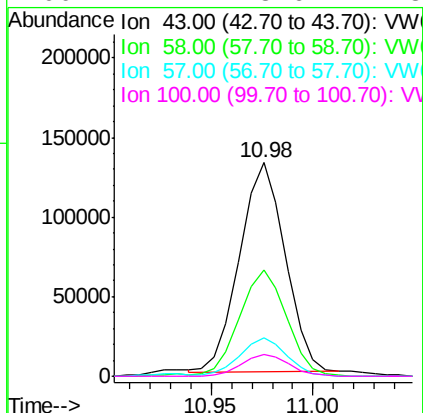
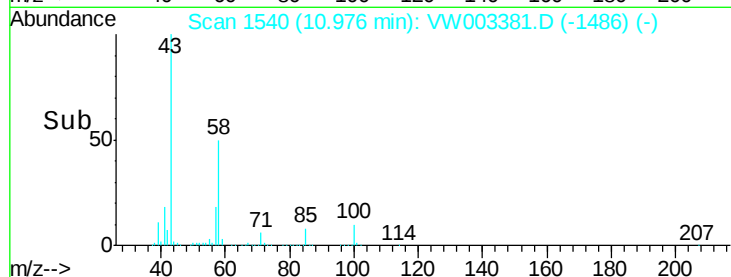
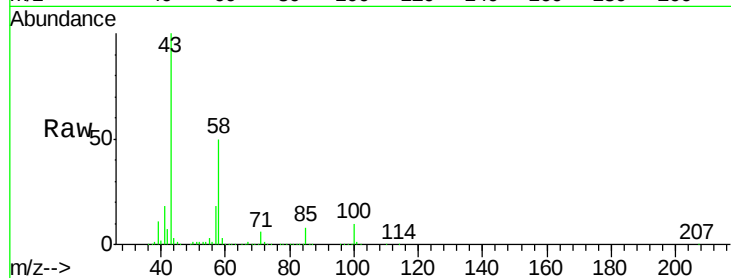
#49
2-Hexanone
Concen: 66.15 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_W
ClientSampleId :
DAZ56

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	52.2	40.4	60.6	
57	18.9	14.6	21.8	
100	11.1	8.6	12.8	

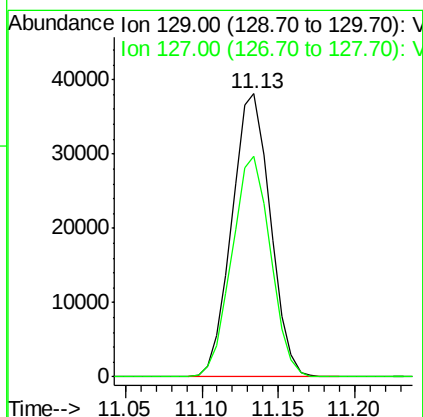
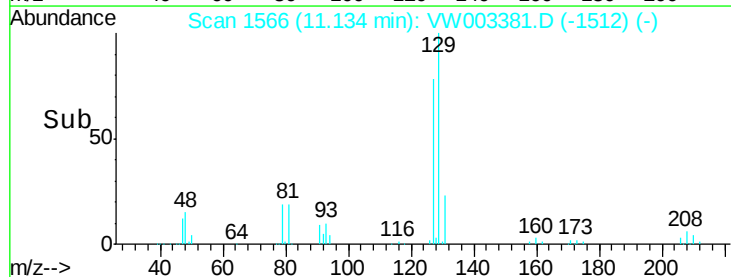
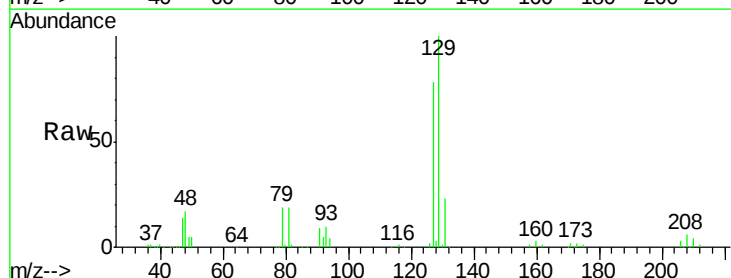
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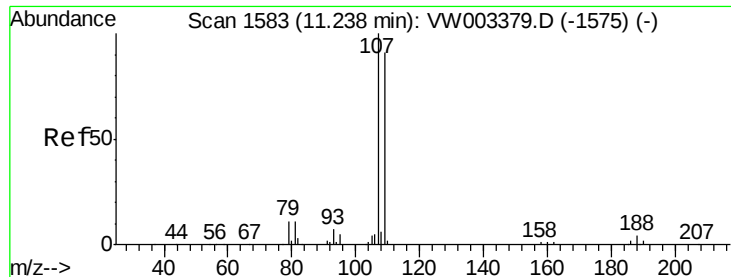
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#50
Dibromochloromethane
Concen: 12.66 ug/L
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW003381.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	78.0	56.0	104.0	





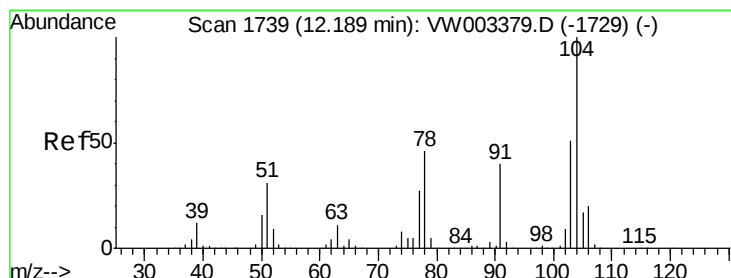
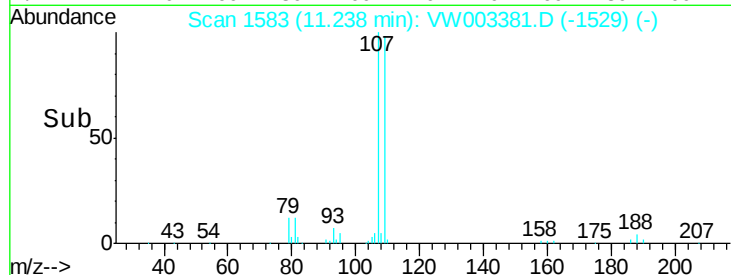
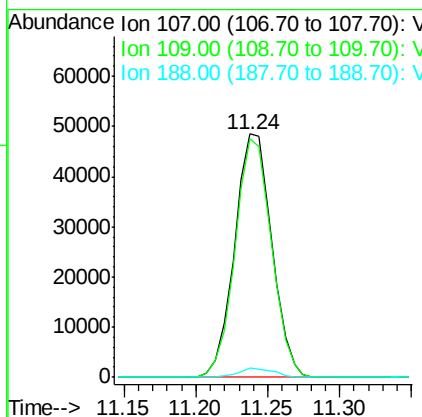
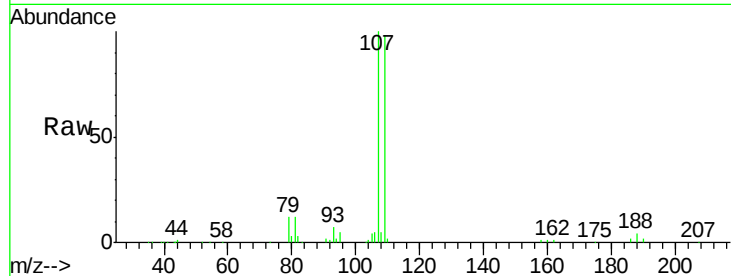
#51
 1,2-Dibromoethane
 Concen: 20.23 ug/L
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003381.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ56

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.7	64.5	119.9
188	3.9	2.8	4.2

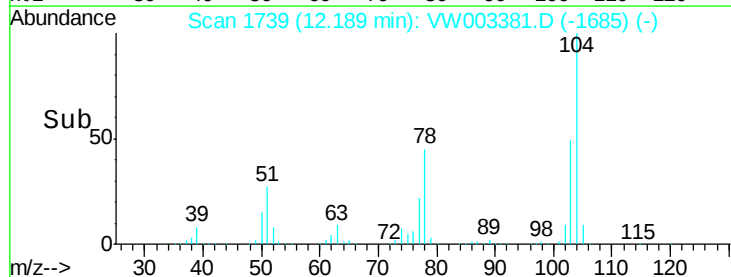
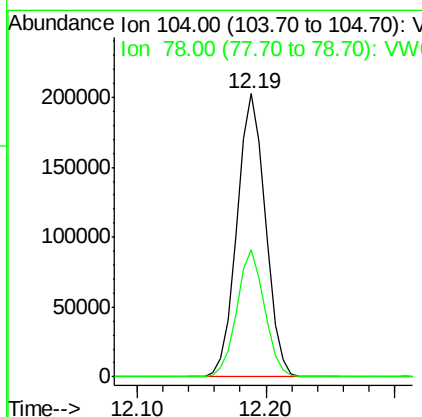
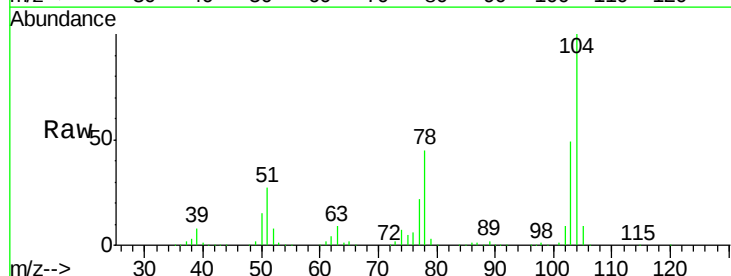
Manual Integrations
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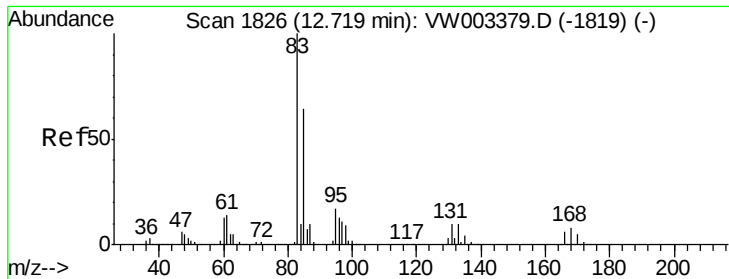
MMDadoda
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#56
 Styrene
 Concen: 18.96 ug/L
 RT: 12.19 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: VW003381.D
 Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.8	32.1	59.7





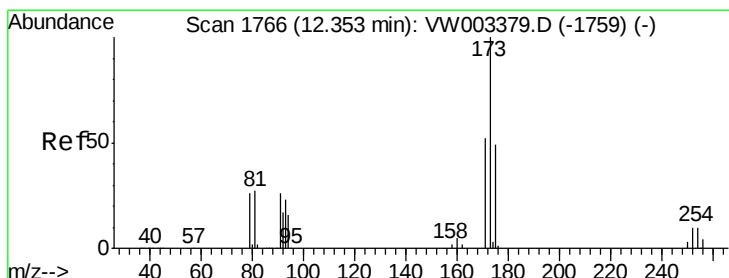
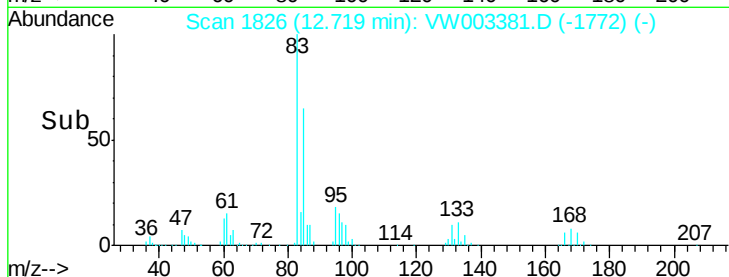
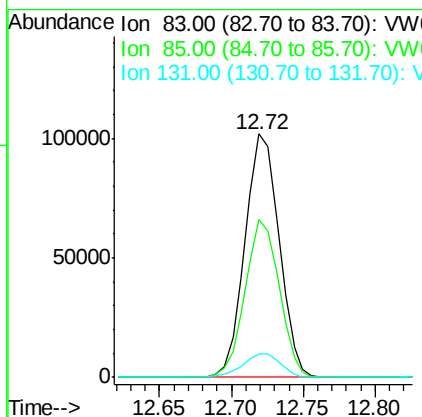
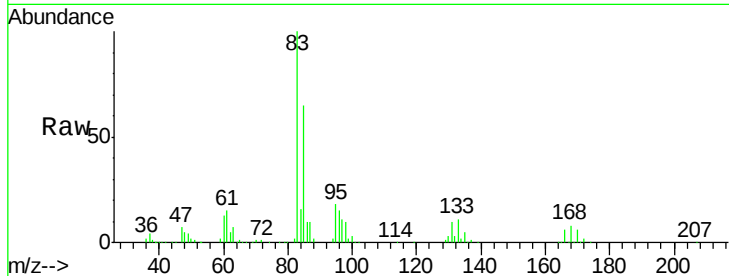
#58
 1,1,2,2-Tetrachloroethane
 Concen: 29.36 ug/L
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW003381.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ56

Tot Ion	Ratio	Resp	Lower	Upper
83	100	167501		
85	64.7	45.1	83.9	
131	9.5	8.2	12.2	

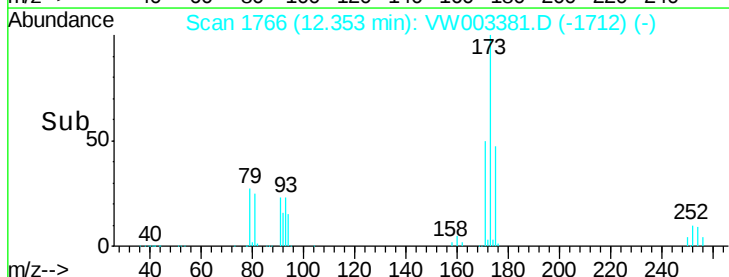
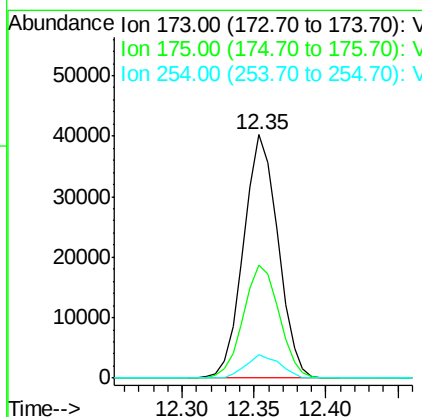
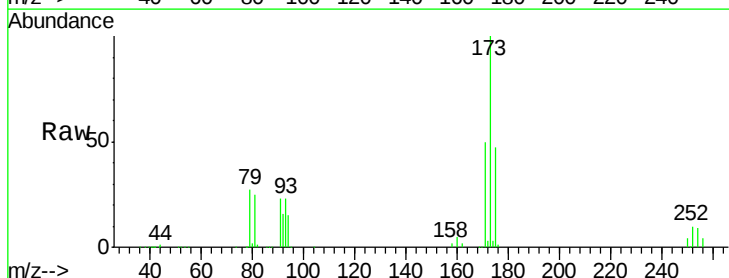
Manual Integrations
 APPROVED

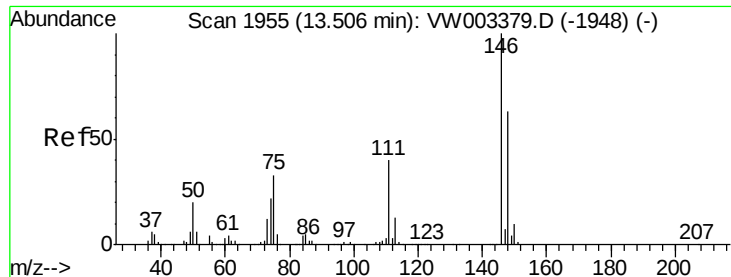
MMDadoda
 6/26/2018 8:06:29 PM



#62
 Bromoform
 Concen: 19.32 ug/L
 RT: 12.35 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: VW003381.D
 Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	66801		
175	48.1	39.9	59.9	
254	9.4	7.7	11.5	





#63

1,3-Dichlorobenzene

Concen: 25.50 ug/L

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003381.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_W

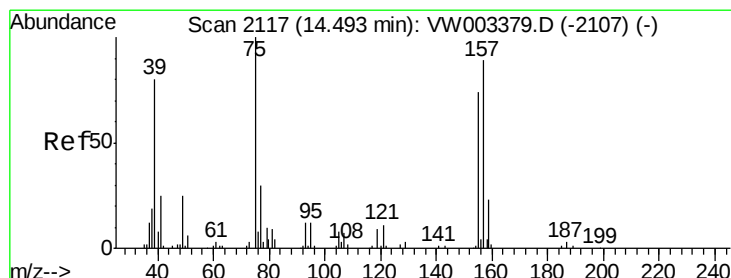
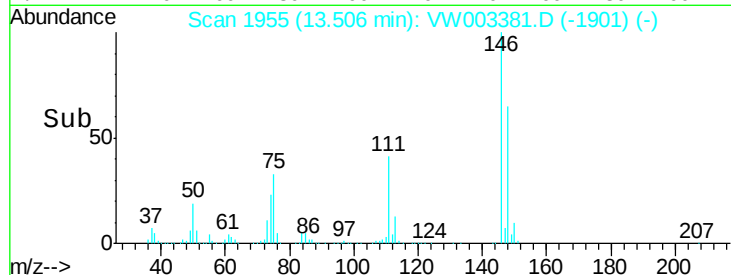
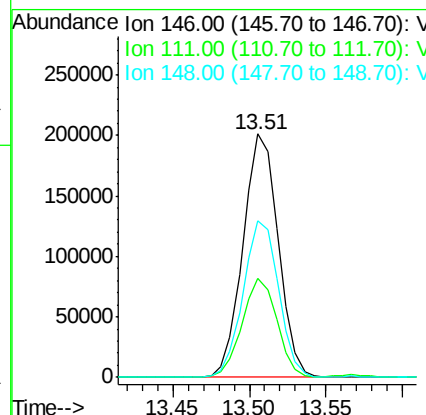
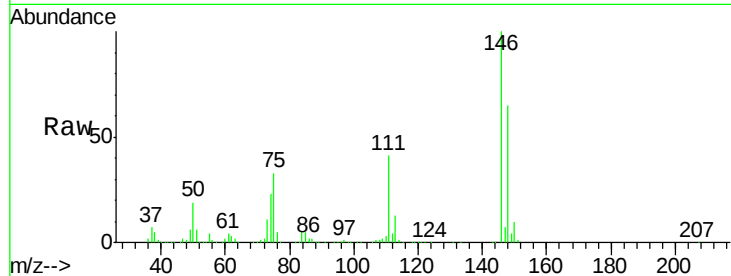
ClientSampled :

DAZ56

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	27.9	51.7
148	64.6	44.9	83.3

Manual Integrations
APPROVED

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6/26/2018 8:06:29 PM



#66

1,2-Dibromo-3-chloropropane

Concen: 37.47 ug/L

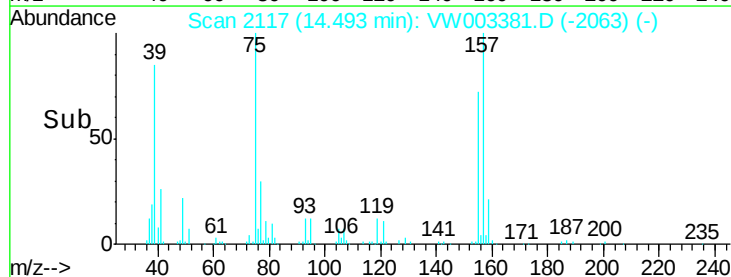
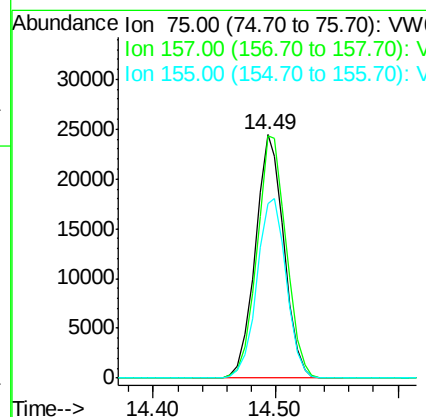
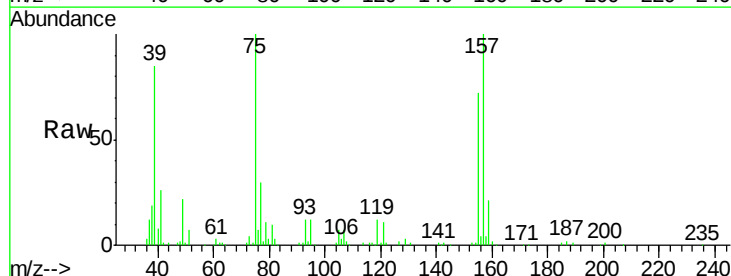
RT: 14.49 min Scan# 2117

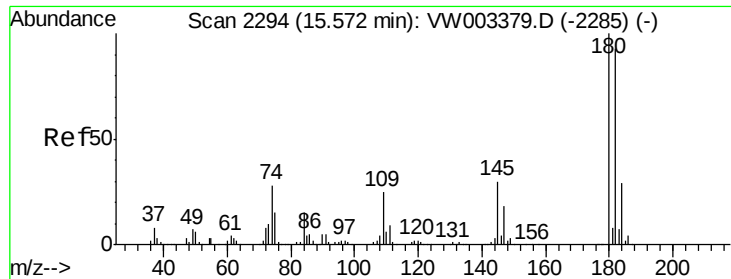
Delta R.T. -0.00 min

Lab File: VW003381.D

Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
157	99.5	70.7	106.1
155	71.8	59.0	88.6





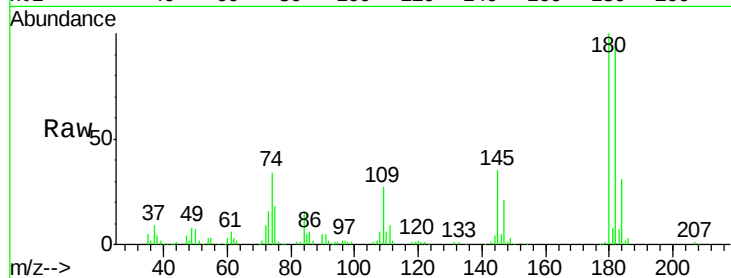
#70
 1,2,3-Trichlorobenzene
 Concen: 9.26 ug/L
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: VW003381.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ56

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.4	113.0
145	32.6	25.4	38.2

Manual Integrations
 APPROVED

MMDadoda
 6/26/2018 8:06:29 PM



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

