

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102318\
 Data File : VW006295.D
 Acq On : 23 Oct 2018 14:41
 Operator : SY/AP
 Sample : MDL
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 2:06:06 PM

Quant Time: Oct 24 02:21:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 24 01:59:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	380513	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	359128	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	190329	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	87196	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.28%
7) Chloroethane-d5	2.90	69	84947	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
10) 1,1-Dichloroethene-d2	4.01	63	138319	16.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.12%
20) 2-Butanone-d5	7.09	46	62600	44.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.02%
24) Chloroform-d	7.65	84	194608	23.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.44%
26) 1,2-Dichloroethane-d4	8.31	65	114613	25.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.52%
29) Benzene-d6	8.27	84	398289	24.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.72%
33) 1,2-Dichloropropane-d6	9.28	67	114867	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.36%
37) Toluene-d8	10.33	98	392682	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.32%
38) trans-1,3-Dichloropropene-	10.58	79	48246	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.68%
39) 2-Hexanone-d5	10.93	63	51865	43.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111017	23.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	166184	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.02	85	3754m	1.044	ug/L	
3) Chloromethane	2.22	50	4079	1.155	ug/L	96
5) Vinyl chloride	2.37	62	5163	0.907	ug/L #	61
6) Bromomethane	2.79	94	4228	0.954	ug/L	95
8) Chloroethane	2.93	64	2907	0.833	ug/L #	76
9) Trichlorofluoromethane	3.26	101	4148	0.911	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	5634m	1.237	ug/L	
12) 1,1-Dichloroethene	4.03	96	4992	1.143	ug/L #	1
13) Acetone	4.14	43	3994	2.779	ug/L	71
14) Carbon disulfide	4.37	76	10607	0.743	ug/L	97
15) Methyl Acetate	4.67	43	2113m	0.908	ug/L	
16) Methylene chloride	4.91	84	10214	2.079	ug/L	91
17) Methyl tert-butyl Ether	5.43	73	6218	0.874	ug/L #	74
18) trans-1,2-Dichloroethene	5.42	96	4129	0.854	ug/L	90
19) 1,1-Dichloroethane	6.22	63	6713	0.858	ug/L	99
21) 2-Butanone	7.17	43	4149m	2.173	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	4631	0.878	ug/L	94

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

23) Bromochloromethane	7.51	128	2190m	0.883	ug/L	
25) Chloroform	7.67	83	8499	1.009	ug/L	94
27) 1,2-Dichloroethane	8.40	62	5507	0.959	ug/L	98
30) Cyclohexane	7.96	56	6316	0.800	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	6136	0.817	ug/L	97
32) Carbon tetrachloride	8.07	117	5852m	0.794	ug/L	
34) Benzene	8.33	78	16889	0.916	ug/L	100
35) Trichloroethene	9.09	95	4604	0.888	ug/L	99
36) Methylcyclohexane	9.34	83	7629	0.803	ug/L	96
40) 1,2-Dichloropropane	9.38	63	3906	0.854	ug/L #	97
41) Bromodichloromethane	9.65	83	4711	0.763	ug/L	89
42) cis-1,3-Dichloropropene	10.07	75	5305m	0.710	ug/L	
43) 4-Methyl-2-pentanone	10.21	43	5723	1.562	ug/L	96
44) Toluene	10.39	91	19093	0.922	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	7155	1.097	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	3370	0.885	ug/L	90
47) Tetrachloroethene	10.87	164	4516	0.941	ug/L	87
49) 2-Hexanone	10.98	43	4195	1.553	ug/L	98
50) Dibromochloromethane	11.13	129	3584	0.734	ug/L	91
51) 1,2-Dibromoethane	11.24	107	3402	0.858	ug/L #	88
52) Chlorobenzene	11.66	112	12093	0.863	ug/L	91
53) Ethylbenzene	11.73	91	20845	0.865	ug/L	94
54) m,p-Xylene	11.85	106	8082	0.856	ug/L	100
55) o-xylene	12.17	106	7369	0.817	ug/L	100
56) Styrene	12.19	104	11632	0.749	ug/L	93
57) Isopropylbenzene	12.47	105	20317	0.810	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	4925	0.995	ug/L #	85
59) 1,2,3-Trichloropropane	12.77	75	3504	0.949	ug/L	97
62) Bromoform	12.35	173	2065	0.648	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	10091	0.863	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	11214	0.953	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	9963	0.927	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	661m	0.764	ug/L	
67) 1,3,5-Trichlorobenzene	14.64	180	8560	0.909	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	7166	0.892	ug/L	95
69) Naphthalene	15.38	128	12207	0.750	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	6389	0.885	ug/L	96

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

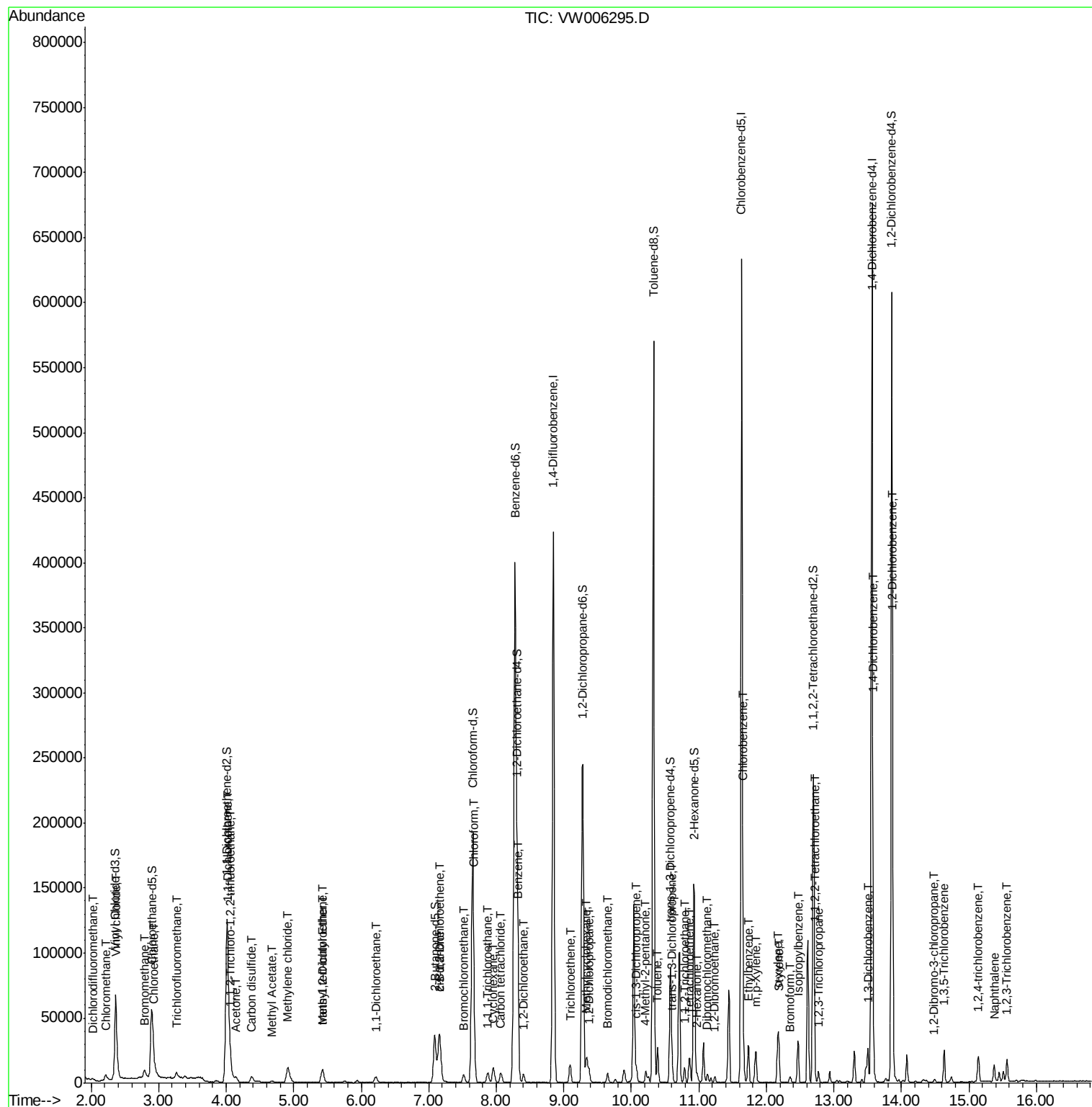
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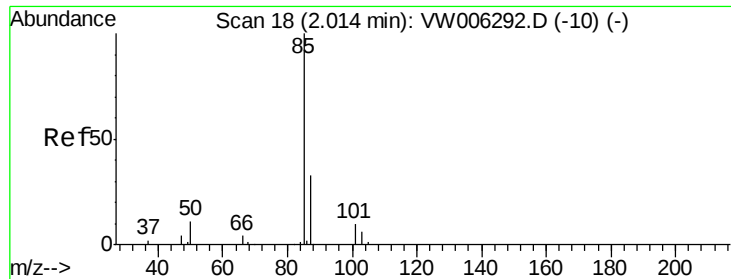
Instrument :
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#2

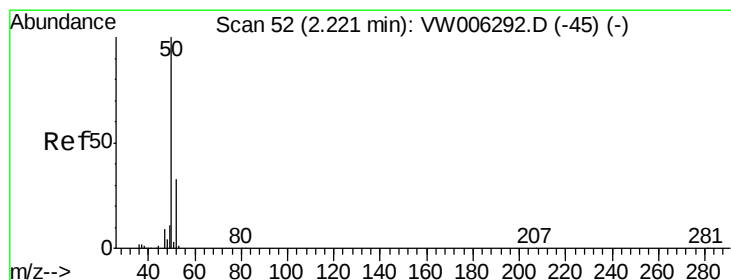
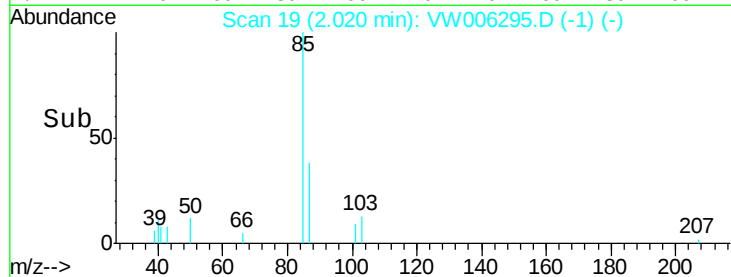
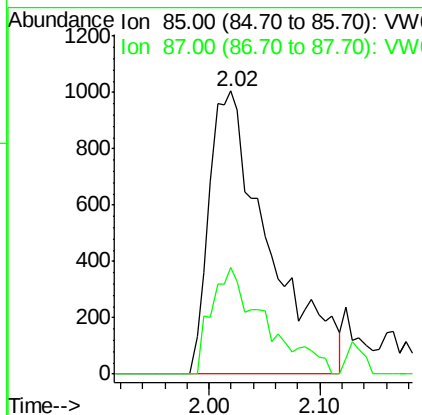
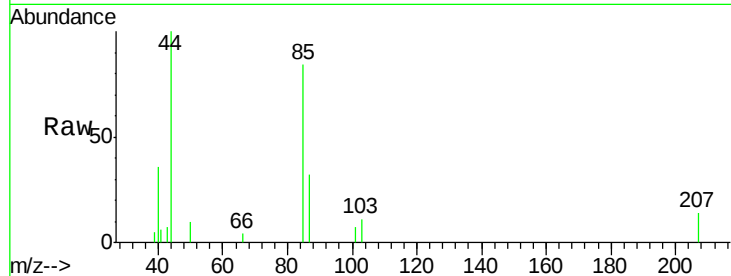
Dichlorodifluoromethane
Concen: 1.044 ug/L m
RT: 2.02 min Scan# 19
Delta R.T. 0.01 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampled :
MDL

Tgt Ion: 85 Resp: 3754
Ion Ratio Lower Upper
85 100
87 19.2 19.2 35.6#

Manual Integrations
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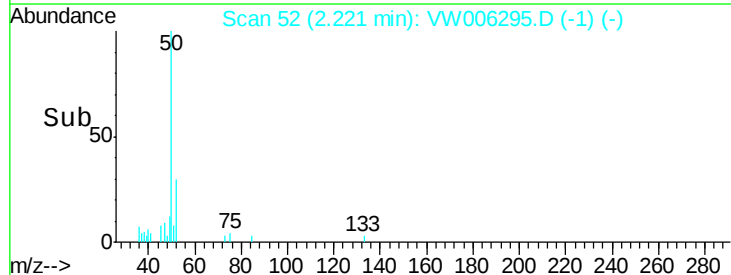
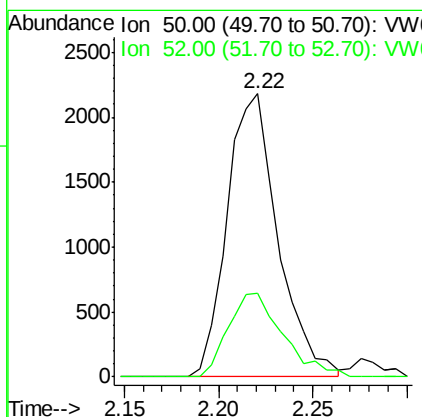
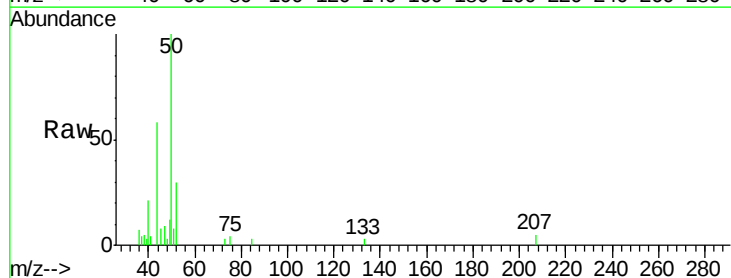
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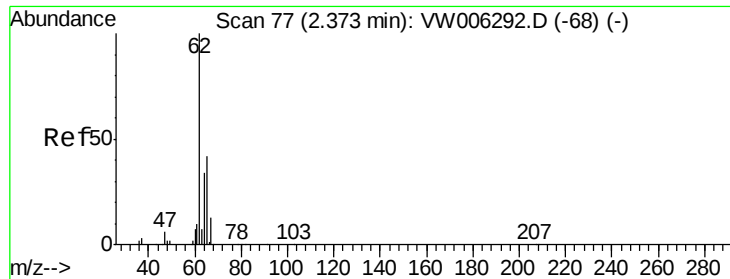


#3

Chloromethane
Concen: 1.155 ug/L
RT: 2.22 min Scan# 52
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion: 50 Resp: 4079
Ion Ratio Lower Upper
50 100
52 29.8 22.3 41.3





#5

Vinyl chloride

Concen: 0.907 ug/L

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW006295.D

Acq: 23 Oct 2018 14:41

Instrument :

MSVOA_W

ClientSampled :

MDL

Tgt Ion: 62 Resp: 5163

Ion Ratio Lower Upper

62 100

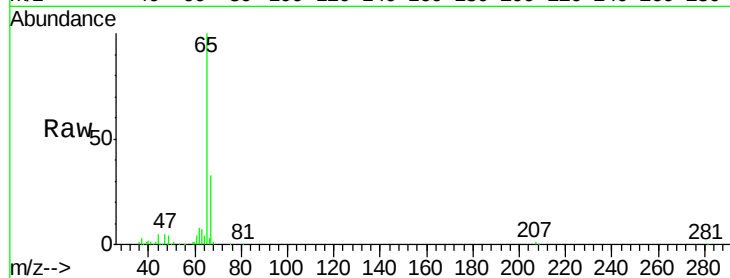
64 54.3 22.7 42.3#

Manual Integrations

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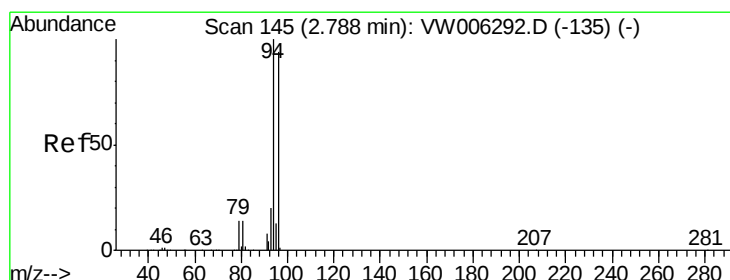
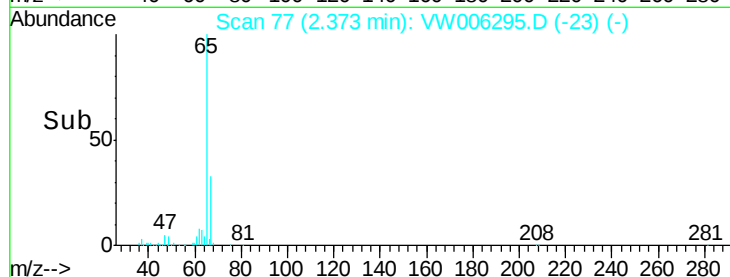
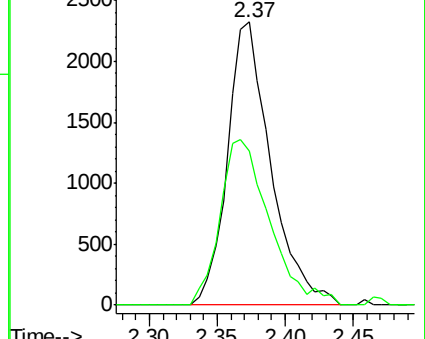
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Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 0.954 ug/L

RT: 2.79 min Scan# 146

Delta R.T. 0.01 min

Lab File: VW006295.D

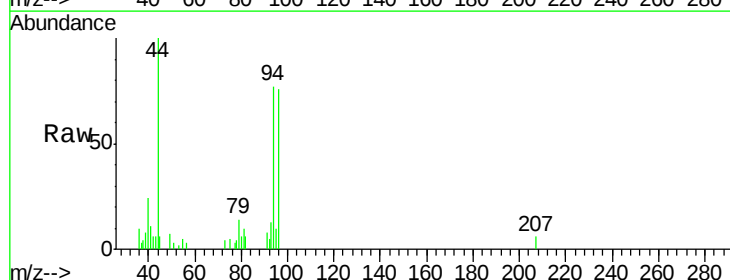
Acq: 23 Oct 2018 14:41

Tgt Ion: 94 Resp: 4228

Ion Ratio Lower Upper

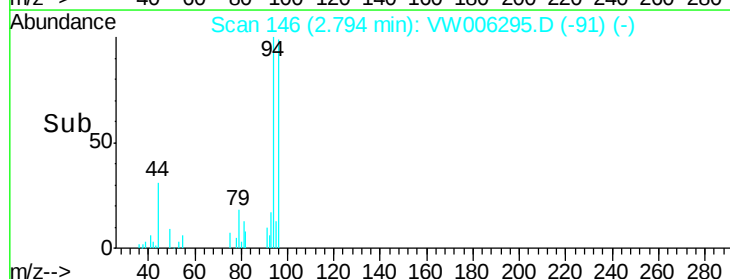
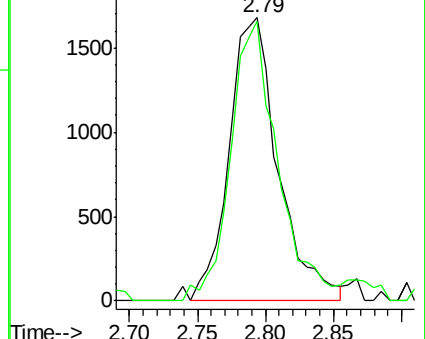
94 100

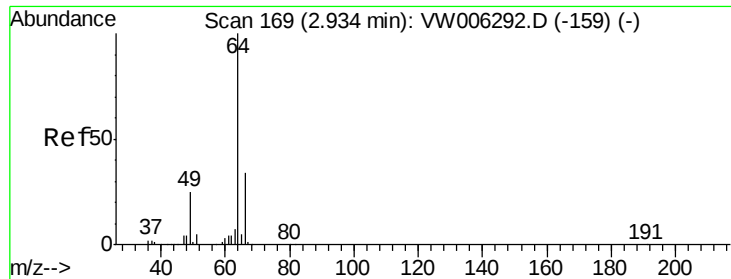
96 91.0 9.5 181.3



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW





#8

Chloroethane

Concen: 0.833 ug/L

RT: 2.93 min Scan# 169

Delta R.T. -0.00 min

Lab File: VW006295.D

Acq: 23 Oct 2018 14:41

Instrument :

MSVOA_W

ClientSampled :

MDL

Tgt Ion: 64 Resp: 2907

Ion Ratio Lower Upper

64 100

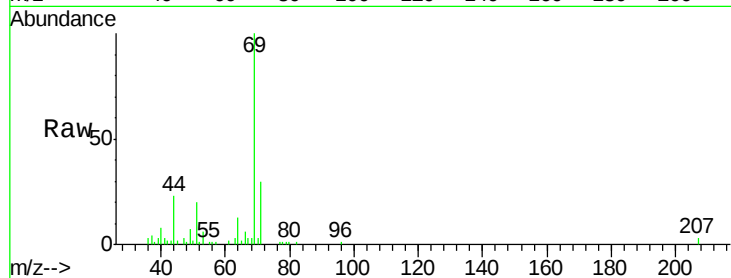
66 45.6 22.7 42.1#

Manual Integrations

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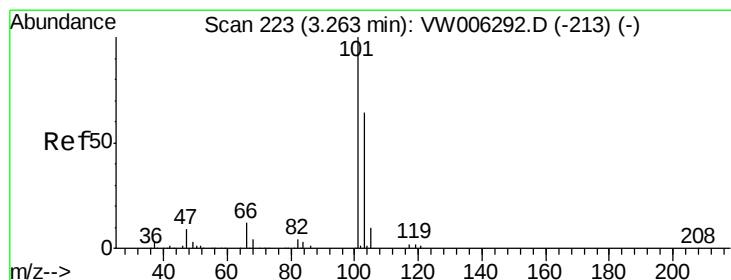
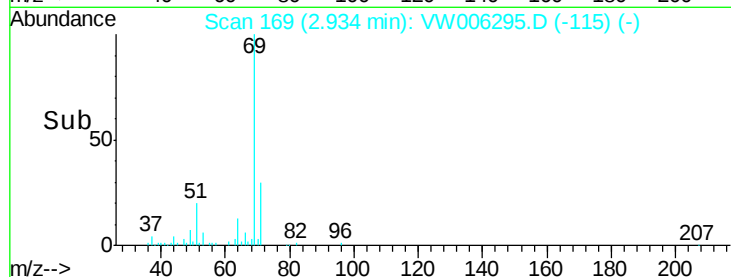
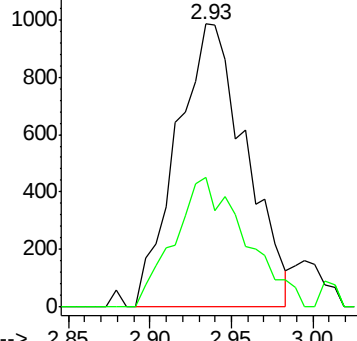
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Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



#9

Trichlorofluoromethane

Concen: 0.911 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW006295.D

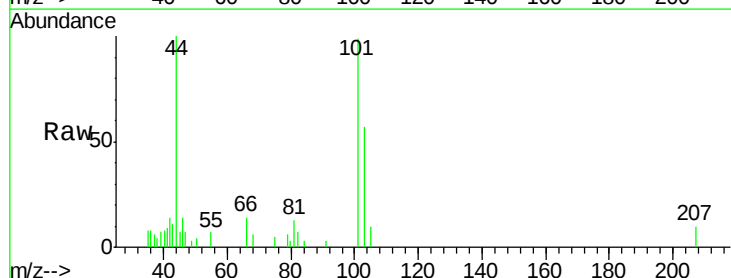
Acq: 23 Oct 2018 14:41

Tgt Ion: 101 Resp: 4148

Ion Ratio Lower Upper

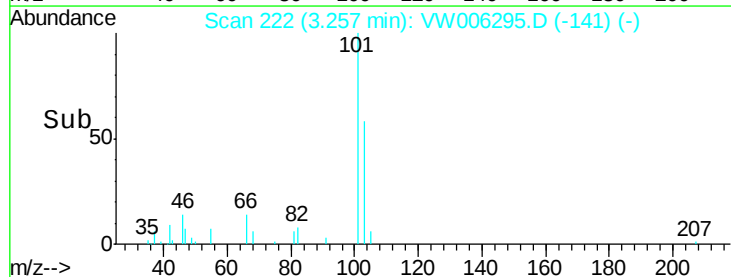
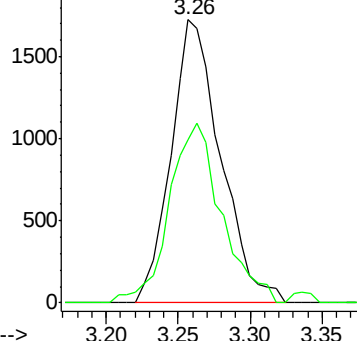
101 100

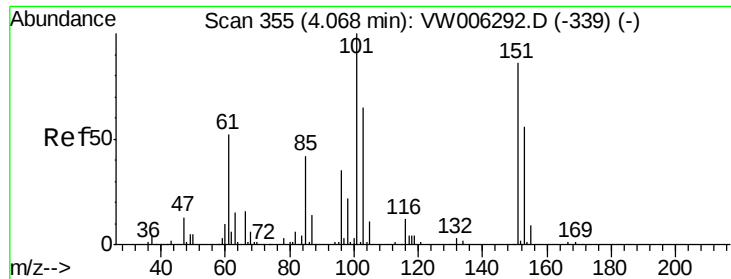
103 65.8 45.6 84.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.237 ug/L m

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006295.D

Acq: 23 Oct 2018 14:41

Instrument :

MSVOA_W

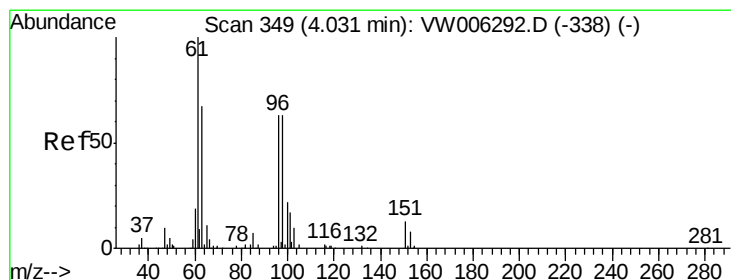
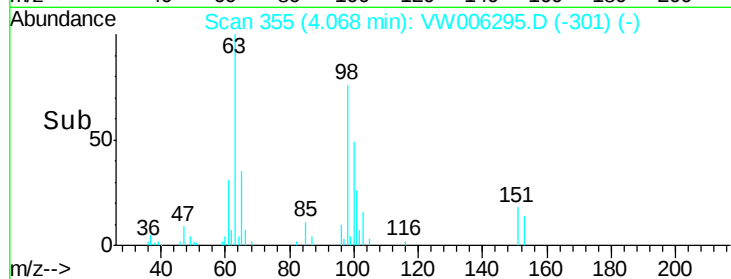
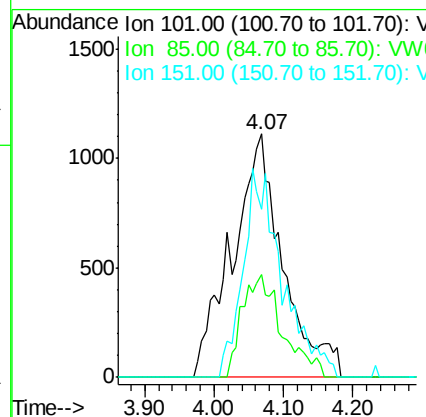
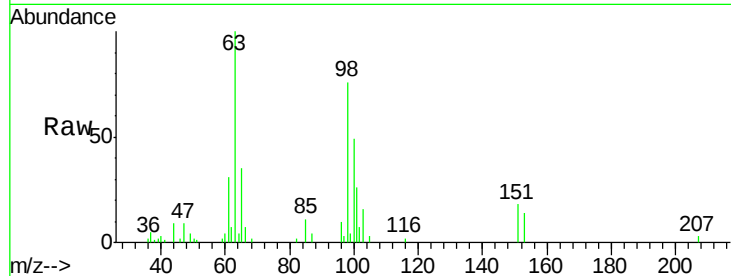
ClientSampled :

MDL

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	5634		
85	9.2	33.4	50.2#	
151	11.6	68.7	103.1#	

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 1.143 ug/L

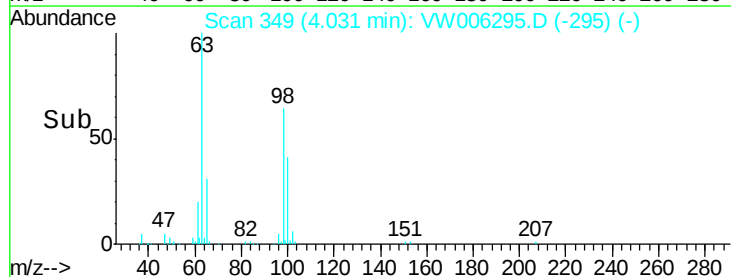
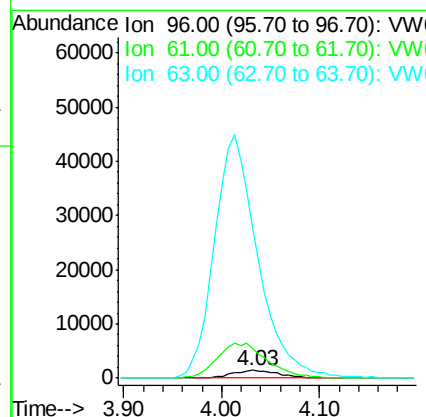
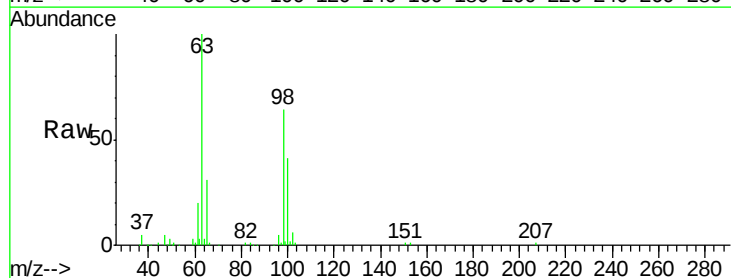
RT: 4.03 min Scan# 349

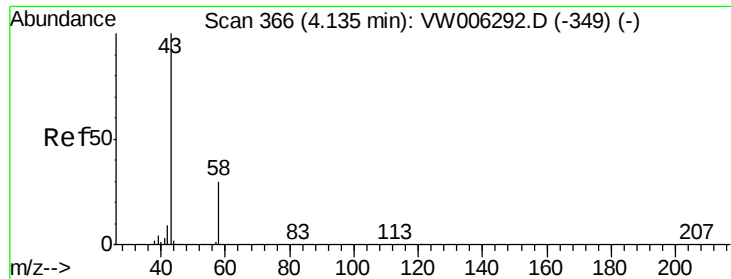
Delta R.T. -0.00 min

Lab File: VW006295.D

Acq: 23 Oct 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	4992		
61	397.8	112.3	208.7#	
63	1980.5	102.6	190.6#	





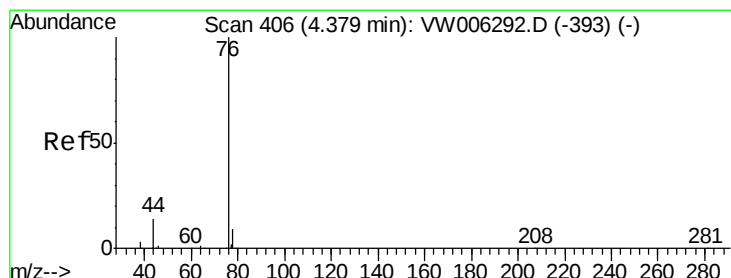
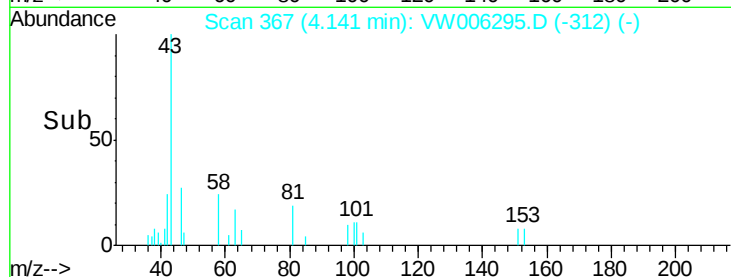
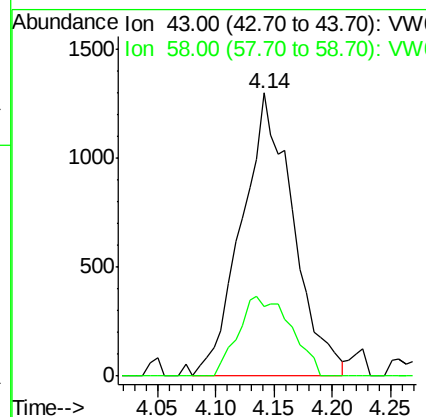
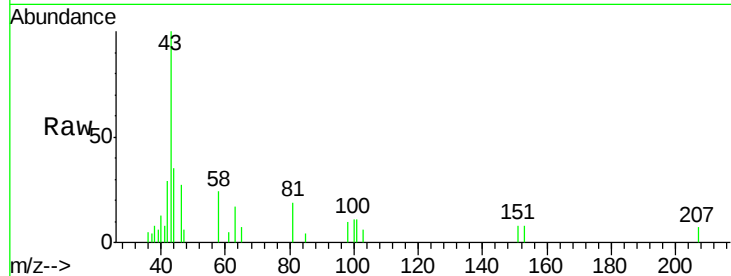
#13
Acetone
Concen: 2.779 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW006295.D
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Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 43 Resp: 3994
Ion Ratio Lower Upper
43 100
58 14.8 0.0 61.2

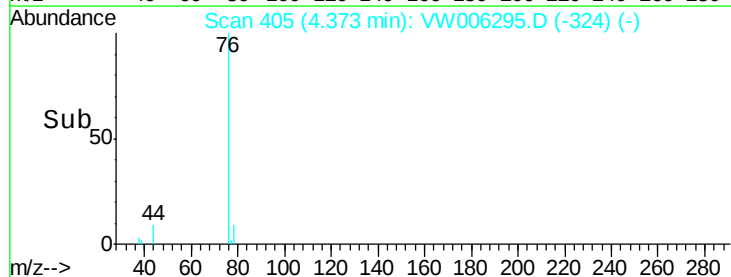
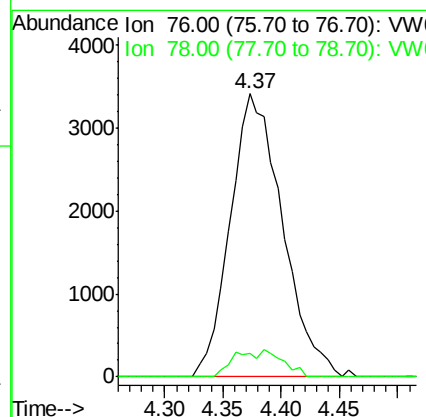
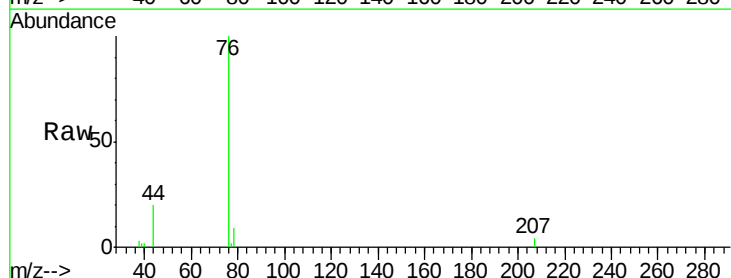
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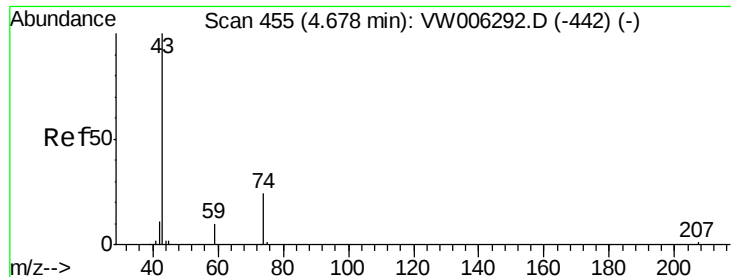
MMDadoda
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#14
Carbon disulfide
Concen: 0.743 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion: 76 Resp: 10607
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4





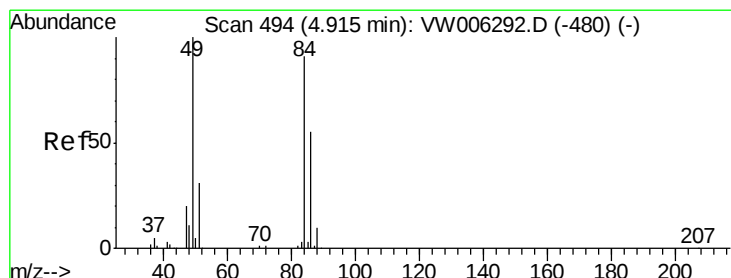
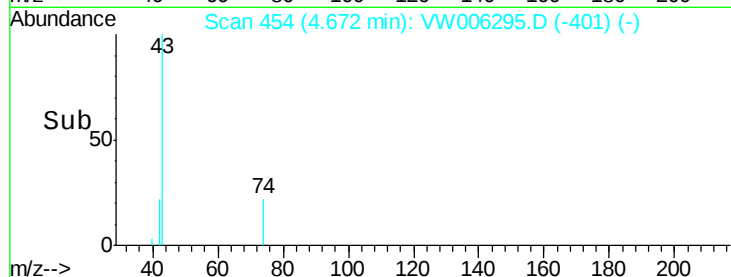
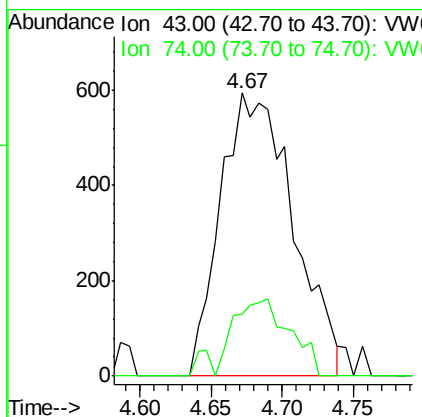
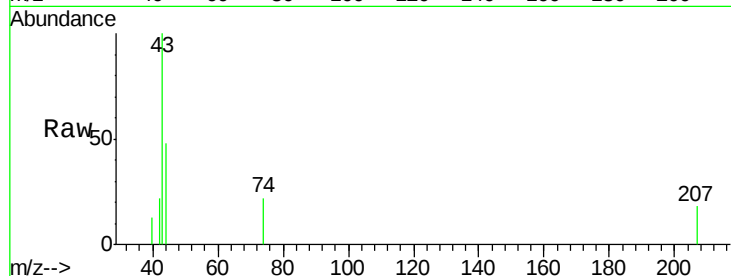
#15
Methyl Acetate
Concen: 0.908 ug/L m
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion: 43 Resp: 2113
Ion Ratio Lower Upper
43 100
74 17.0 19.4 29.2#

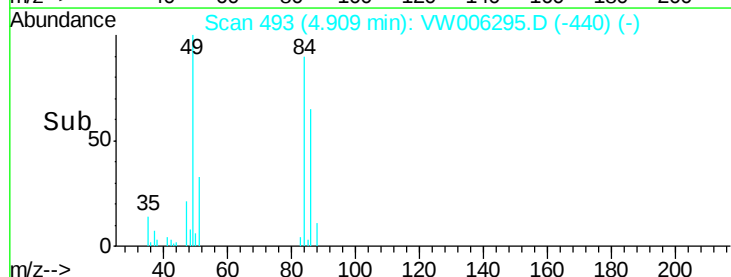
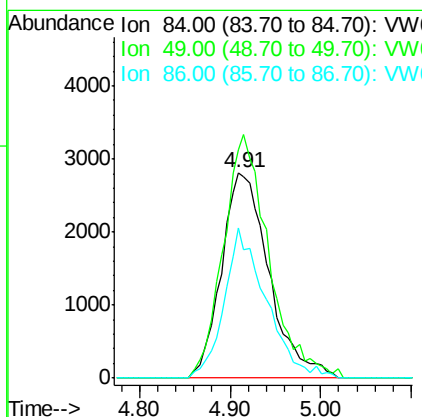
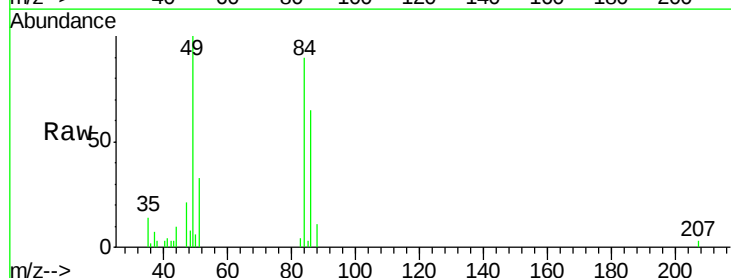
Manual Integrations
APPROVED

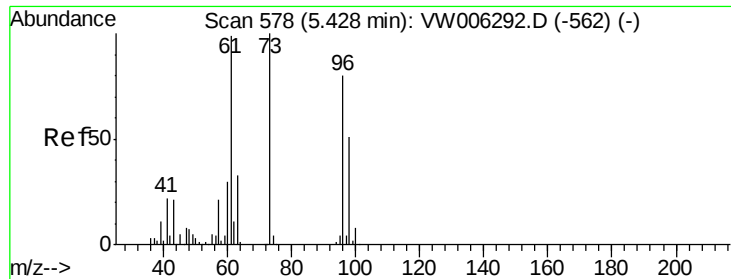
MMDadoda
10/24/2018 2:06:06 PM



#16
Methylene chloride
Concen: 2.079 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion: 84 Resp: 10214
Ion Ratio Lower Upper
84 100
49 111.2 83.5 155.1
86 72.7 44.9 83.5





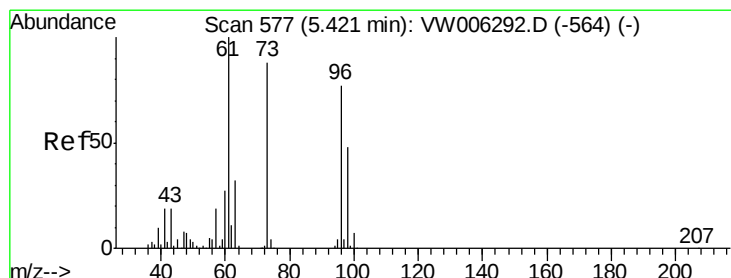
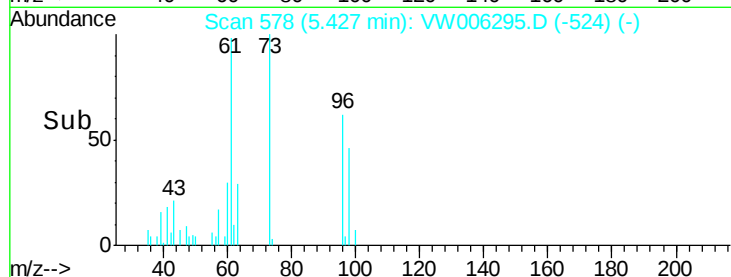
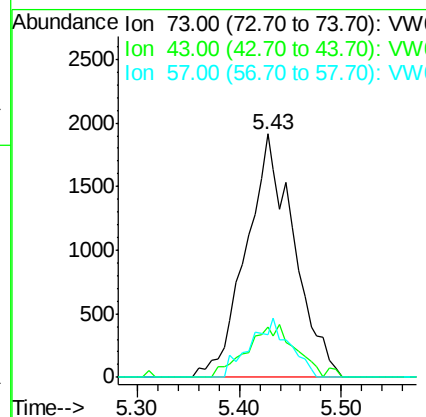
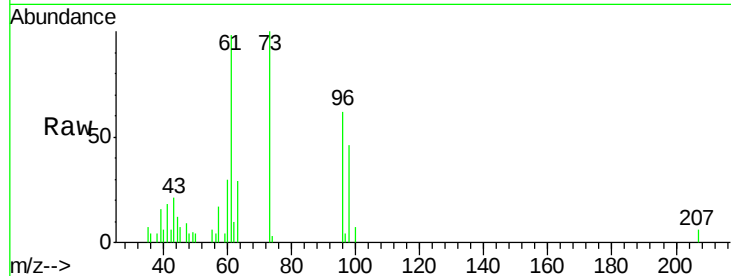
#17
Methyl tert-butyl Ether
Concen: 0.874 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampled :
MDL

Tgt Ion	Ratio	Lower	Upper
73	100		
43	8.3	17.0	25.4#
57	9.9	17.1	25.7#

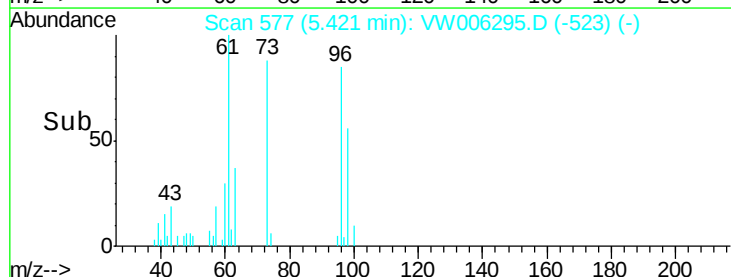
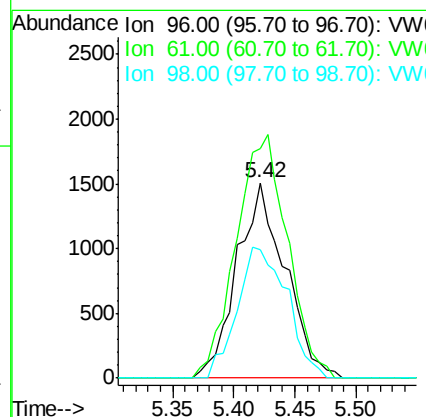
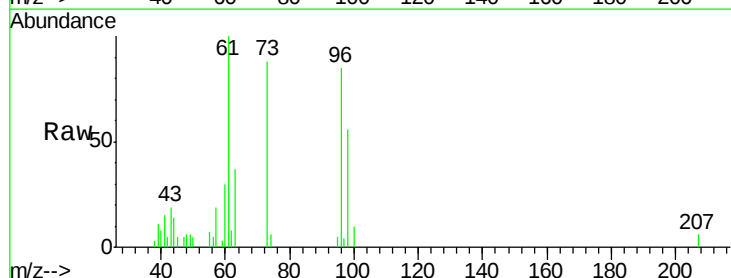
Manual Integrations
APPROVED

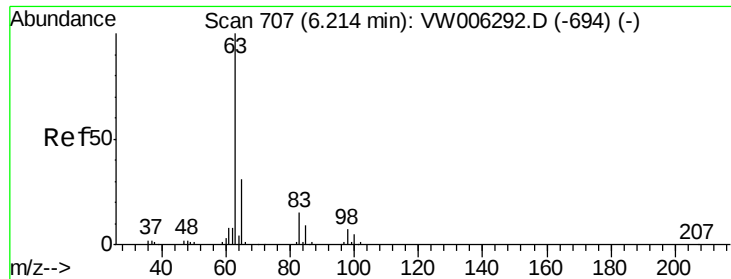
MMDadoda
10/24/2018 2:06:06 PM



#18
trans-1,2-Dichloroethene
Concen: 0.854 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	112.6	89.0	165.2
98	63.1	42.4	78.6





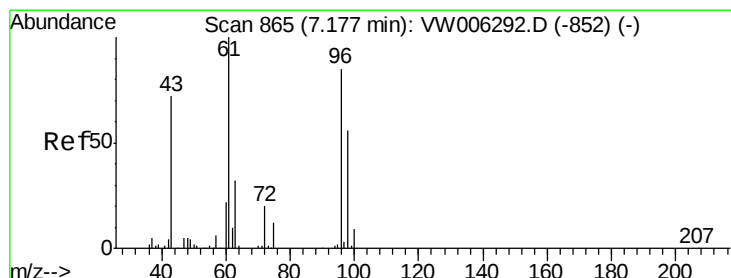
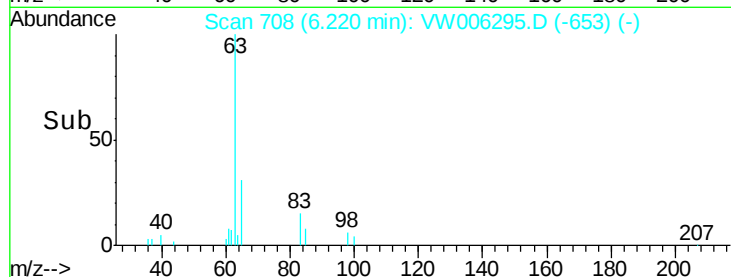
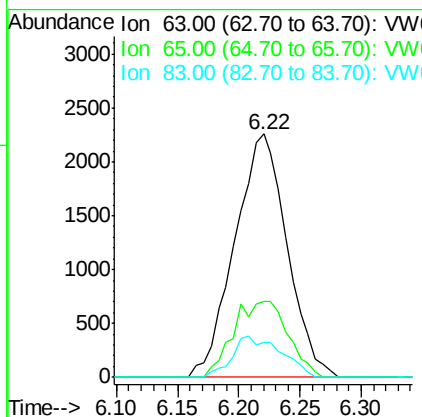
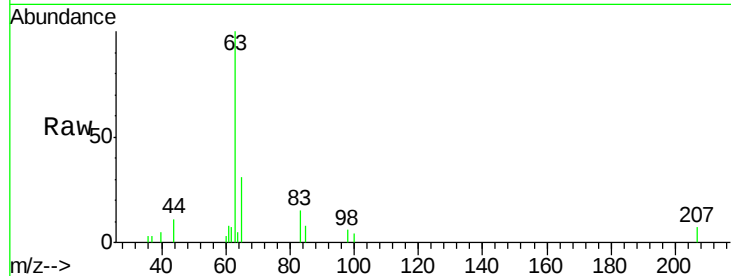
#19
 1,1-Dichloroethane
 Concen: 0.858 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.3	41.5
83	14.6	9.7	18.1

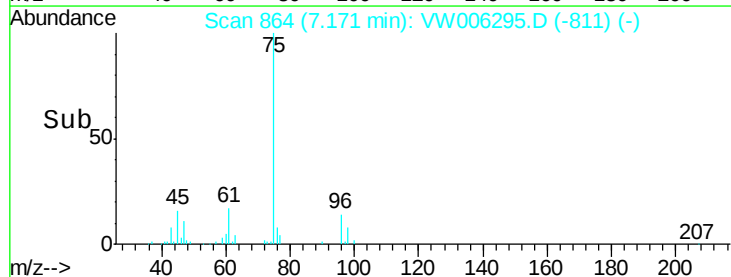
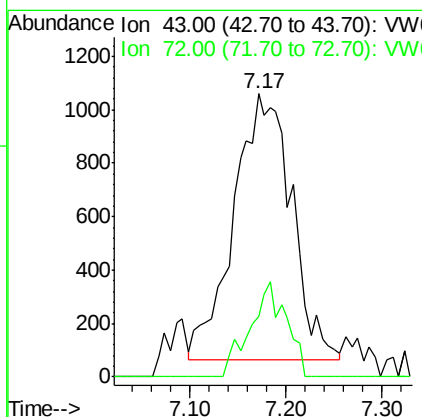
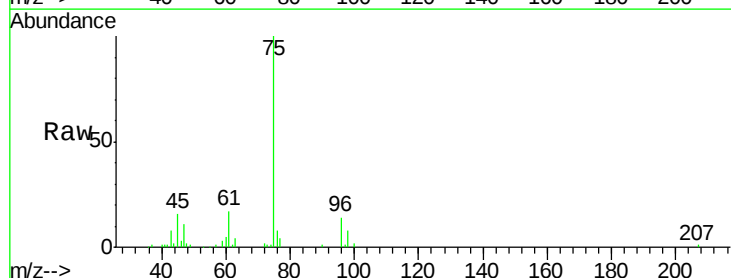
Manual Integrations
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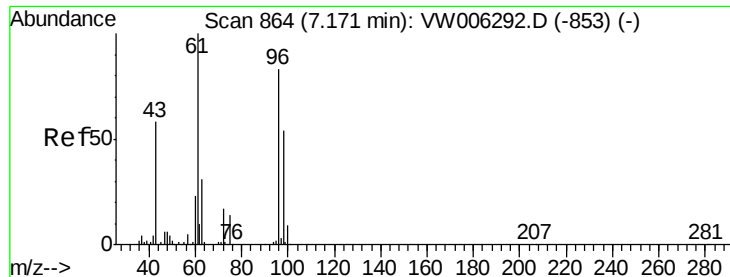
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#21
 2-Butanone
 Concen: 2.173 ug/L m
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Tgt Ion	Ratio	Lower	Upper
43	100		
72	8.3	13.8	41.4#





#22

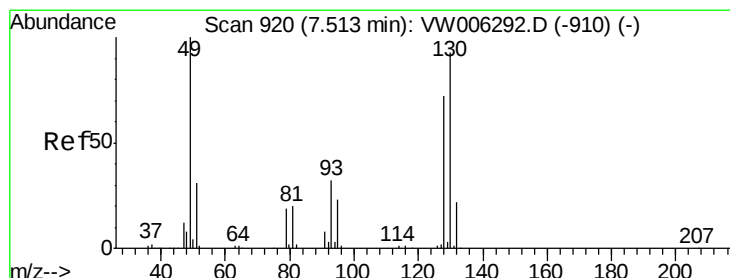
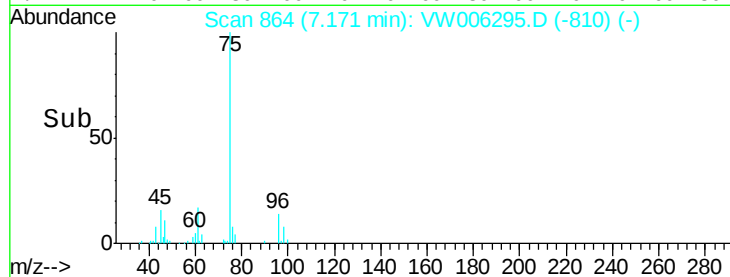
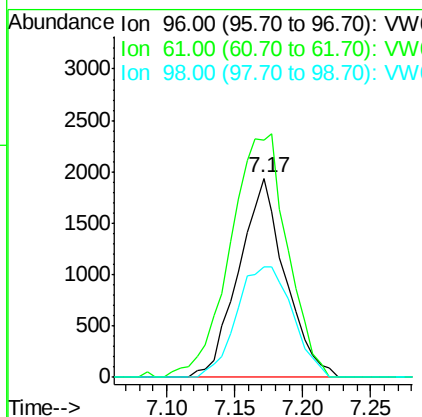
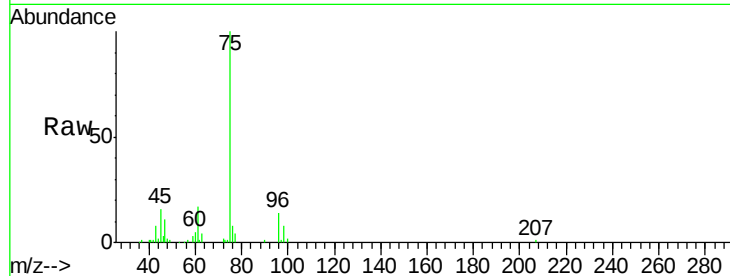
cis-1,2-Dichloroethene
Concen: 0.878 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion	Ratio	Lower	Upper
96	100		
61	119.2	85.1	158.1
98	55.5	46.3	86.1

Manual Integrations
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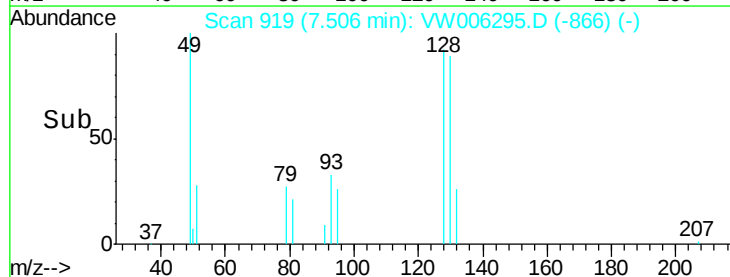
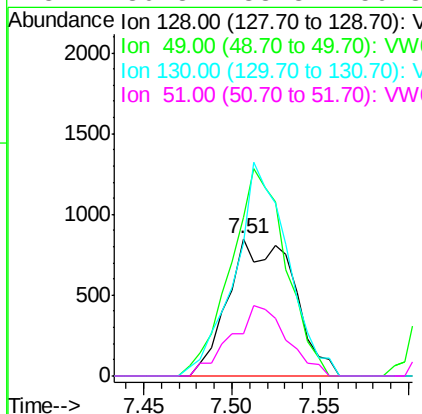
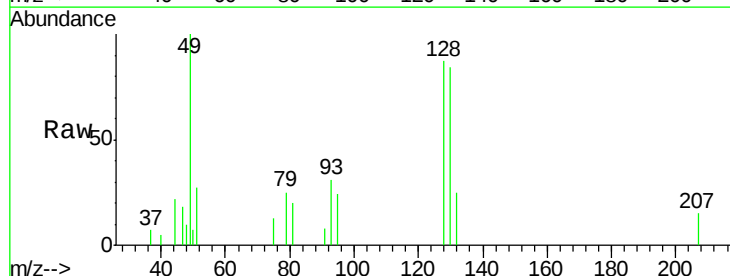
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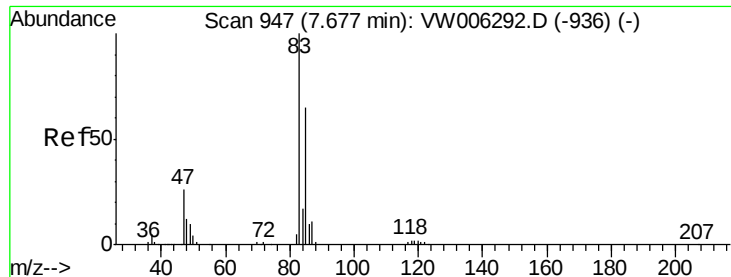


#23

Bromochloromethane
Concen: 0.883 ug/L m
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion	Ratio	Lower	Upper
128	100		
49	115.2	95.2	176.8
130	96.7	86.3	160.3
51	30.8	33.8	50.8#





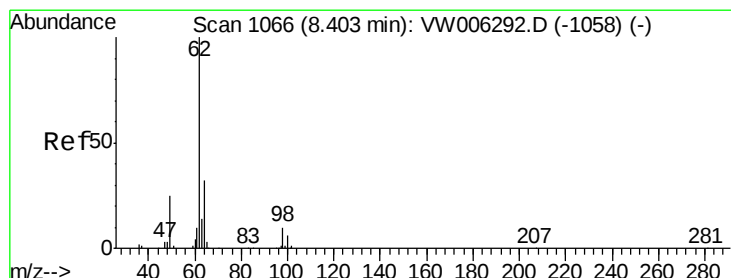
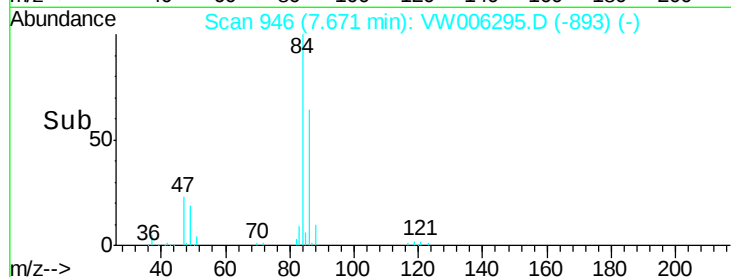
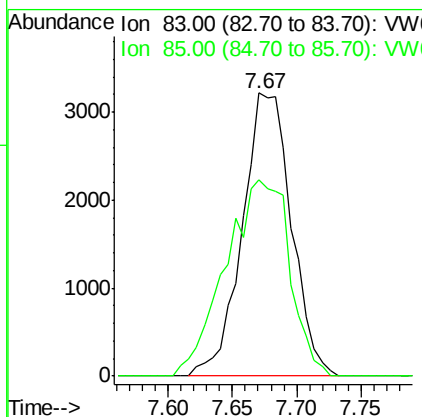
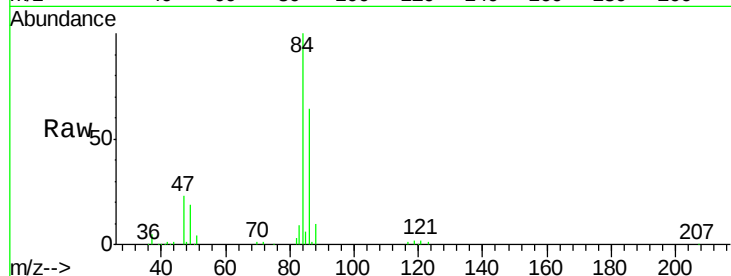
#25
Chloroform
Concen: 1.009 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampled :
MDL

Tgt Ion: 83 Resp: 8499
Ion Ratio Lower Upper
83 100
85 70.8 46.3 85.9

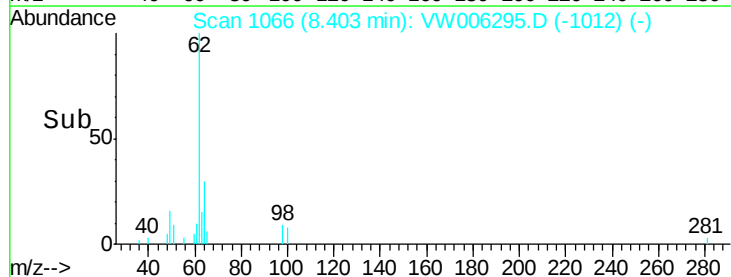
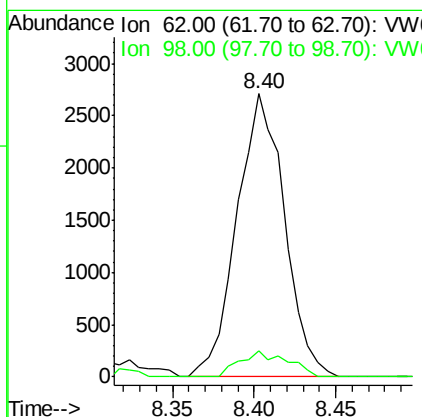
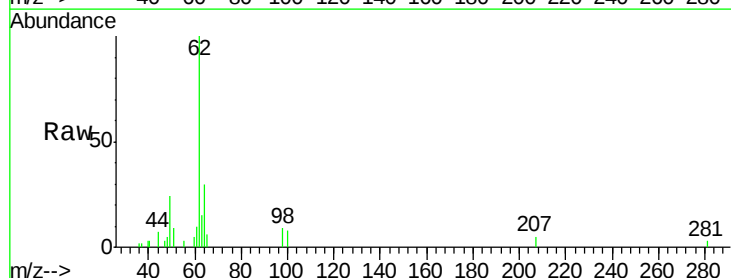
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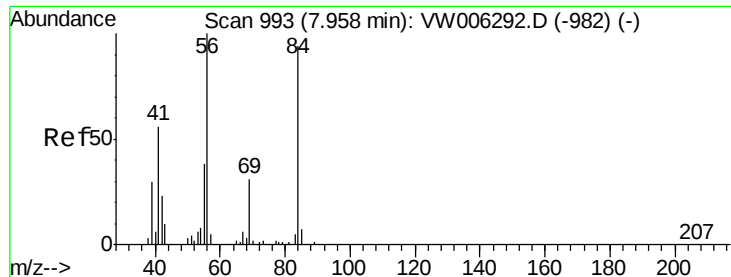
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#27
1,2-Dichloroethane
Concen: 0.959 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion: 62 Resp: 5507
Ion Ratio Lower Upper
62 100
98 9.3 8.0 12.0





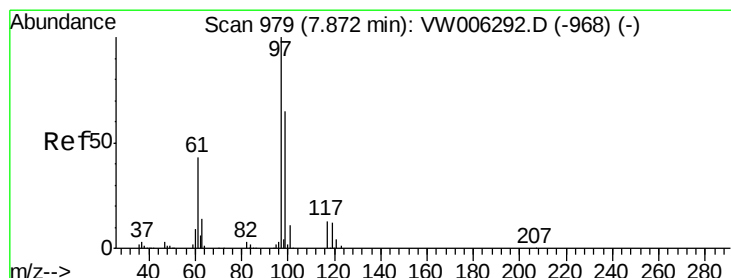
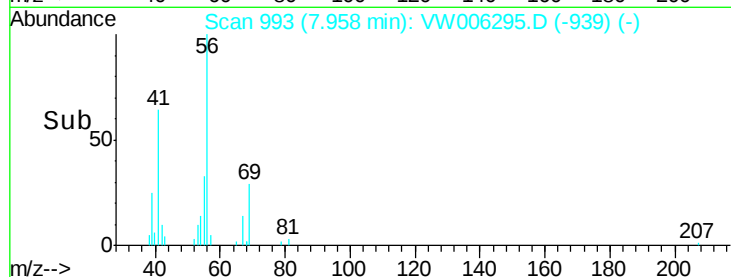
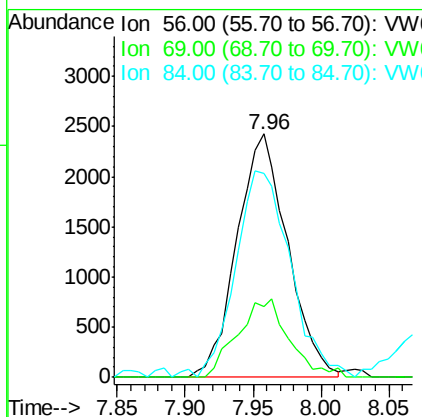
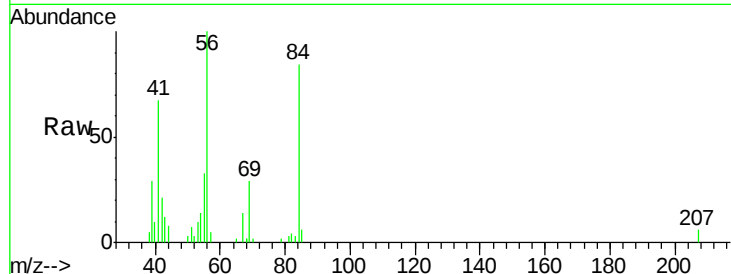
#30
Cyclohexane
Concen: 0.800 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.4	38.0
84	91.2	73.9	110.9

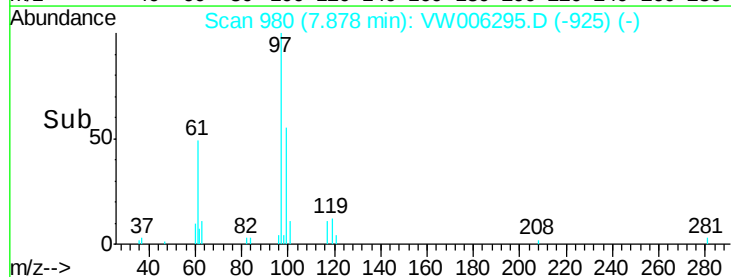
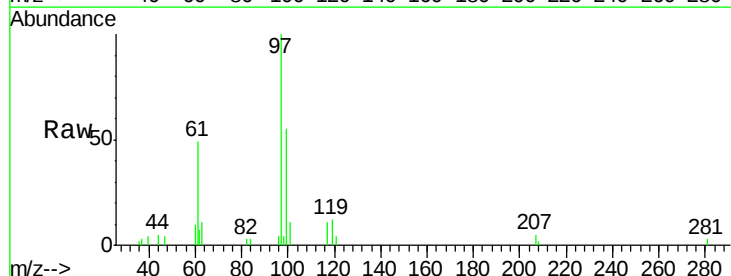
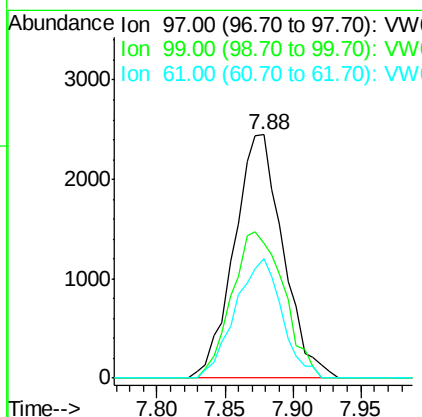
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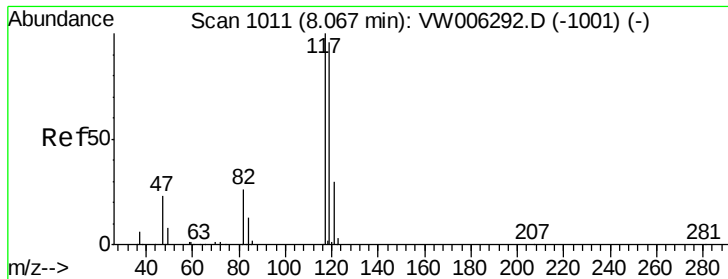
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#31
1,1,1-Trichloroethane
Concen: 0.817 ug/L
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	46.8	33.6	50.4





#32

Carbon tetrachloride

Concen: 0.794 ug/L m

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW006295.D

Acq: 23 Oct 2018 14:41

Instrument :

MSVOA_W

ClientSampleId :

MDL

Tgt Ion: 117 Resp: 5852

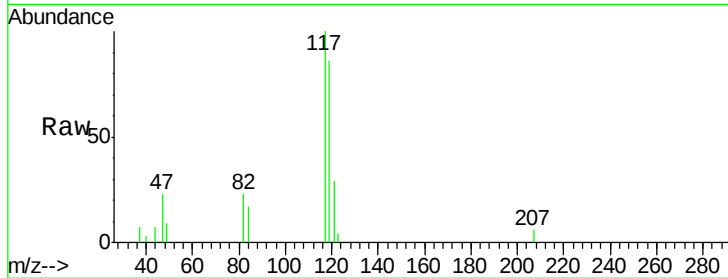
Ion Ratio Lower Upper

117 100

119 8.6 76.9 115.3#

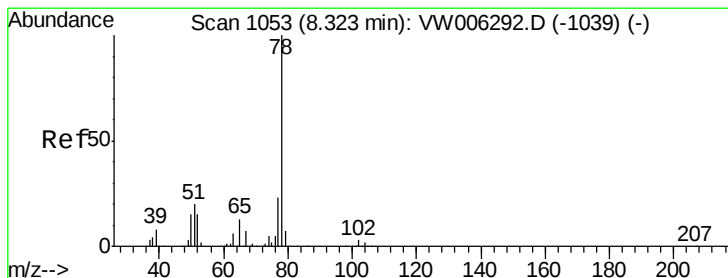
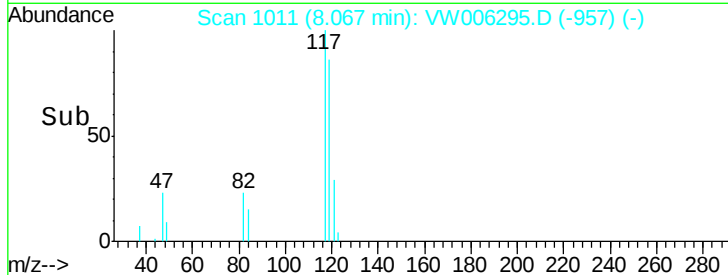
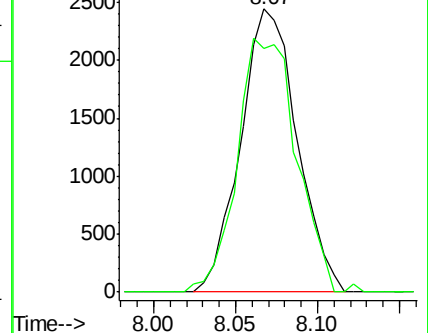
Manual Integrations
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 0.916 ug/L

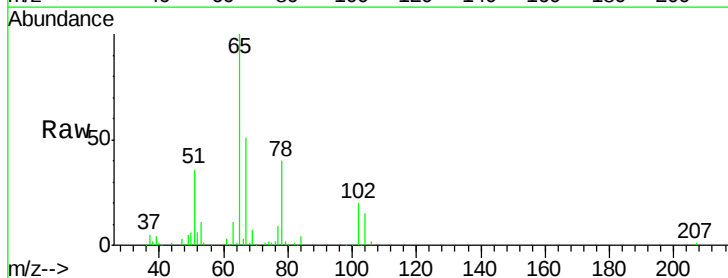
RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

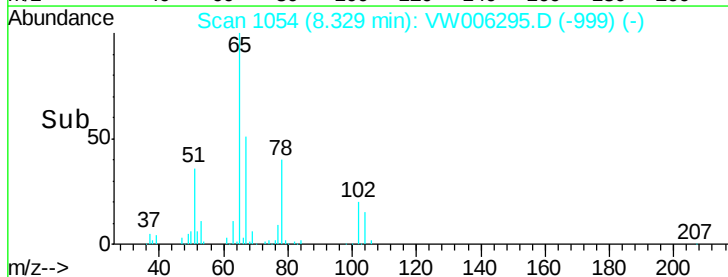
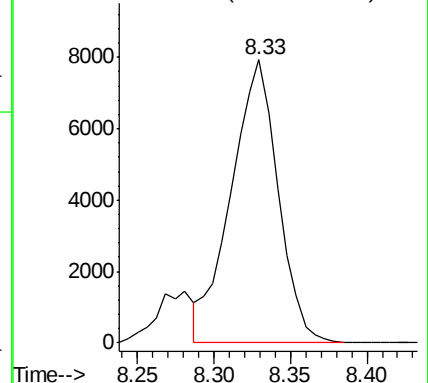
Lab File: VW006295.D

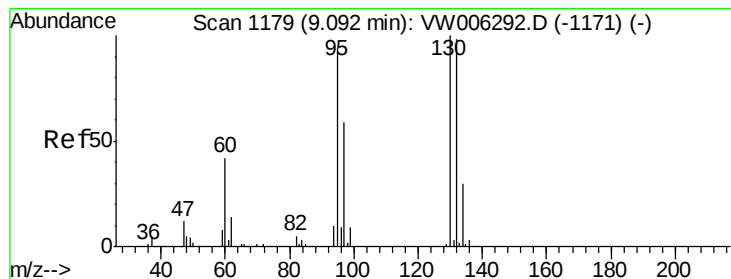
Acq: 23 Oct 2018 14:41

Tgt Ion: 78 Resp: 16889



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 0.888 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006295.D

Acq: 23 Oct 2018 14:41

Instrument :

MSVOA_W

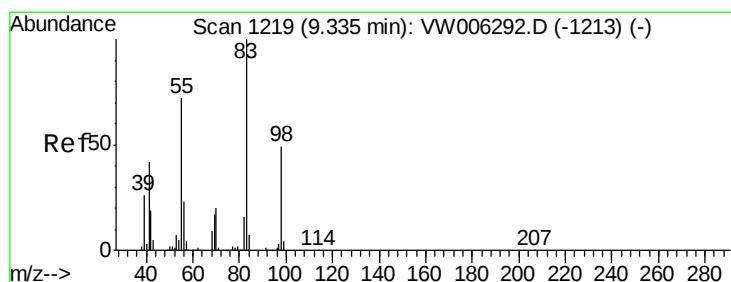
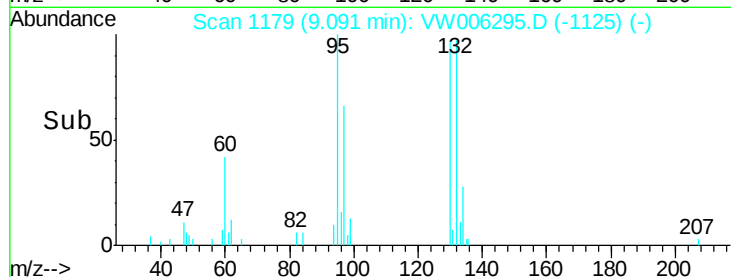
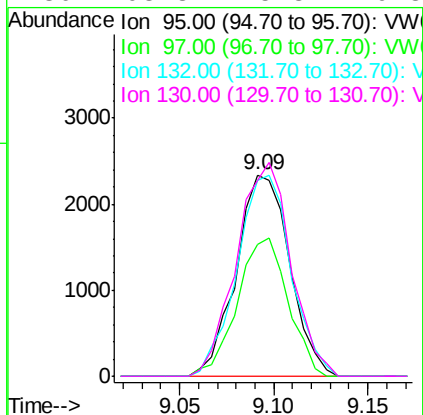
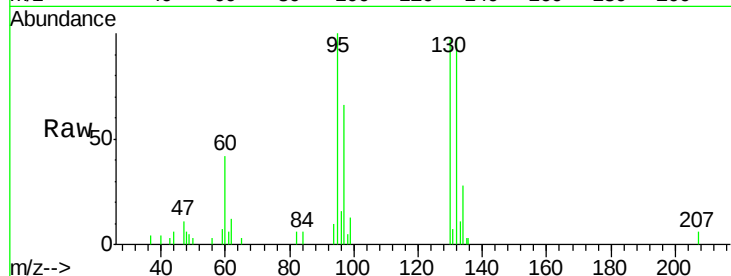
ClientSampleId :

MDL

Tgt Ion:	95	Resp:	4604
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.8	85.0
132	101.0	72.9	135.3
130	108.3	75.8	140.8

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#36

Methylcyclohexane

Concen: 0.803 ug/L

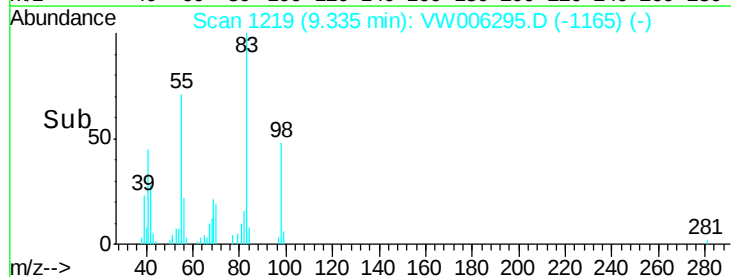
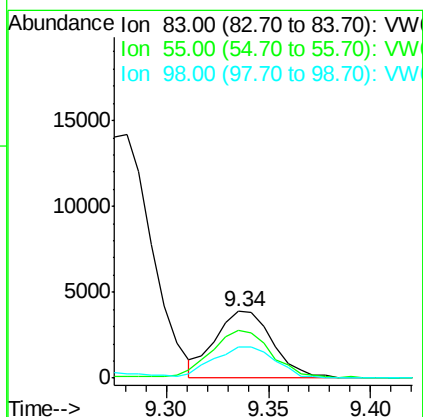
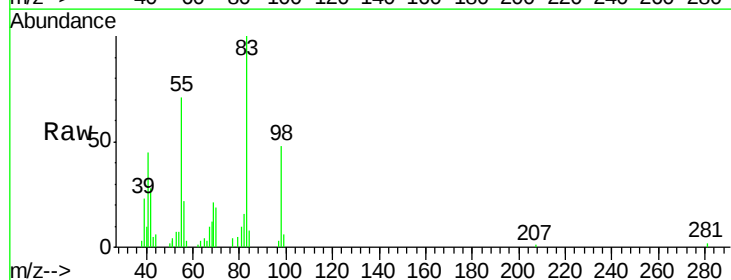
RT: 9.34 min Scan# 1219

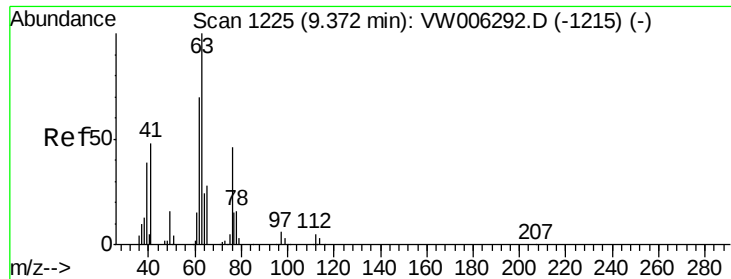
Delta R.T. -0.00 min

Lab File: VW006295.D

Acq: 23 Oct 2018 14:41

Tgt Ion:	83	Resp:	7629
Ion	Ratio	Lower	Upper
83	100		
55	75.7	57.1	85.7
98	50.4	38.9	58.3





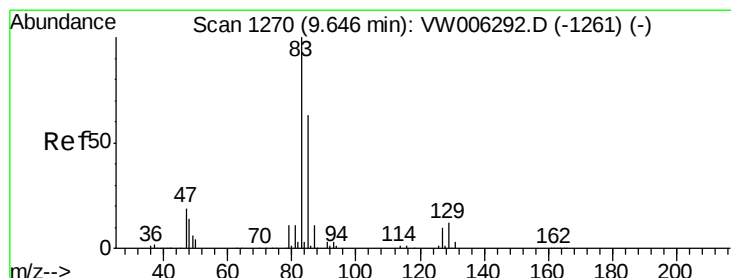
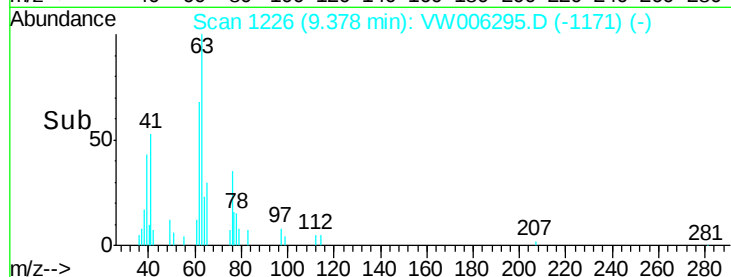
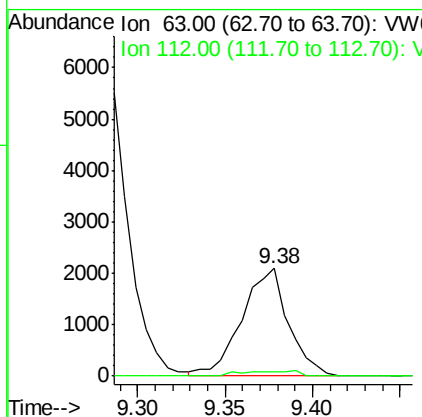
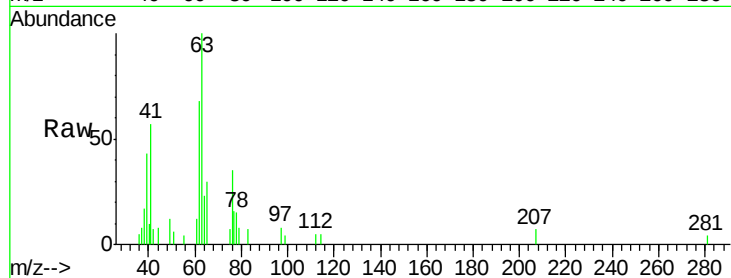
#40
 1,2-Dichloropropane
 Concen: 0.854 ug/L
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Instrument :
 MSVOA_W
 ClientSampled :
 MDL

Tgt Ion: 63 Resp: 3906
 Ion Ratio Lower Upper
 63 100
 112 5.3 3.5 5.3#

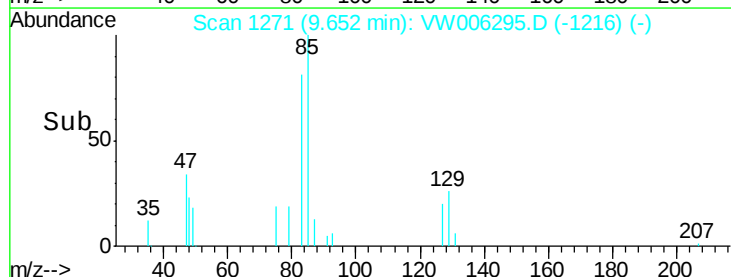
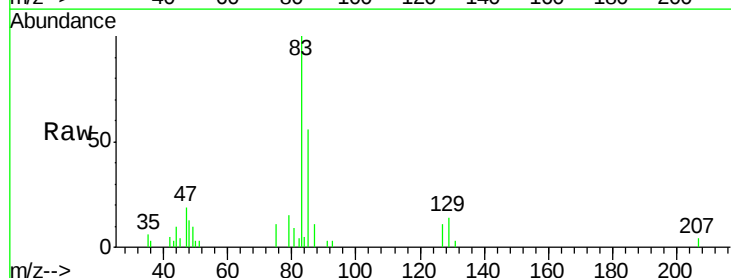
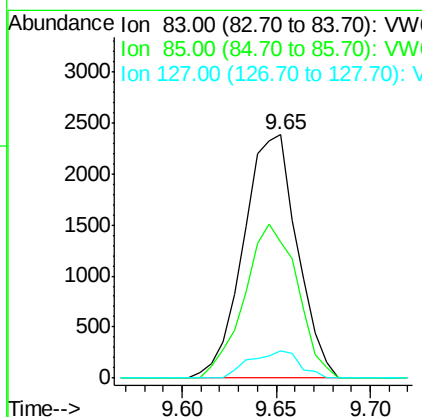
Manual Integrations
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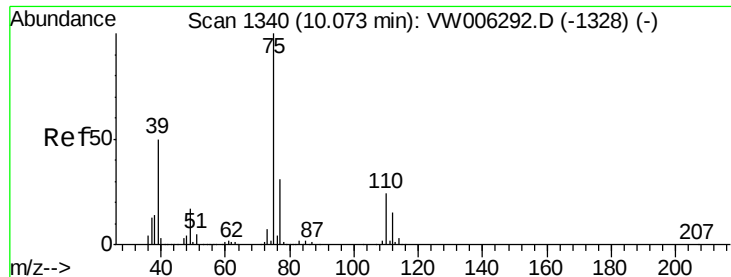
MMDadoda
 10/24/2018 2:06:06 PM



#41
 Bromodichloromethane
 Concen: 0.763 ug/L
 RT: 9.65 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Tgt Ion: 83 Resp: 4711
 Ion Ratio Lower Upper
 83 100
 85 55.9 45.5 84.5
 127 11.0 7.4 11.2





#42

cis-1,3-Dichloropropene

Concen: 0.710 ug/L m

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006295.D

Acq: 23 Oct 2018 14:41

Instrument :

MSVOA_W

ClientSampleId :

MDL

Tgt Ion: 75 Resp: 5305

Ion Ratio Lower Upper

75 100

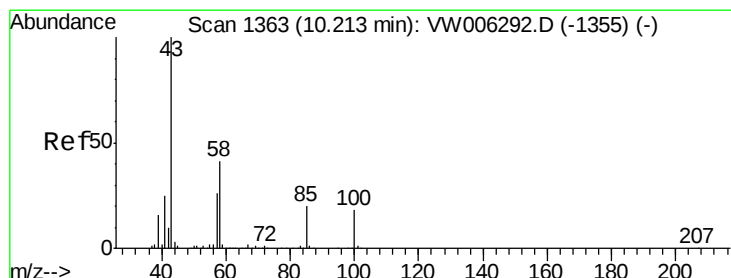
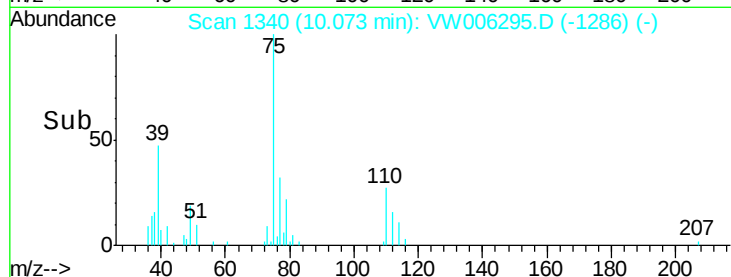
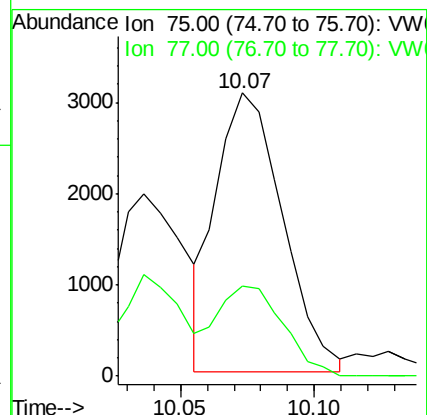
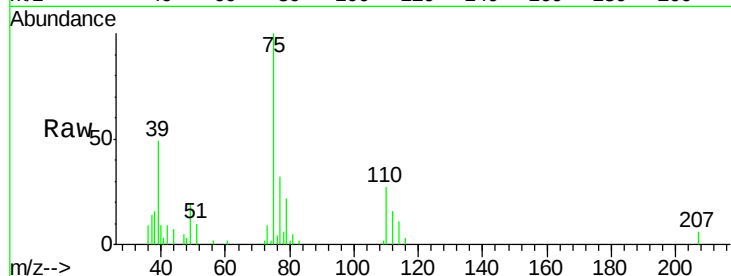
77 31.9 22.6 42.0

Manual Integrations

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#43

4-Methyl-2-pentanone

Concen: 1.562 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006295.D

Acq: 23 Oct 2018 14:41

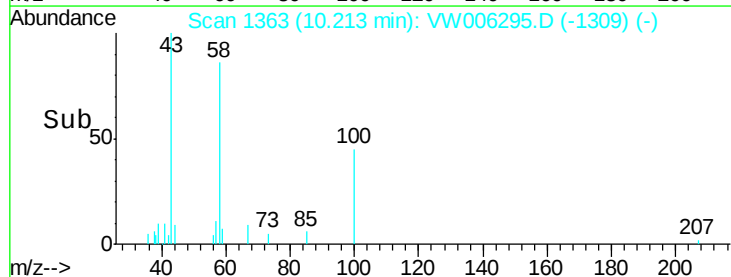
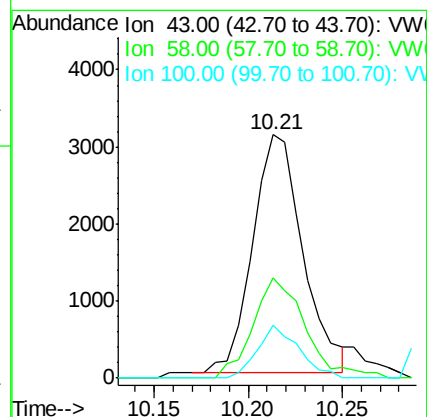
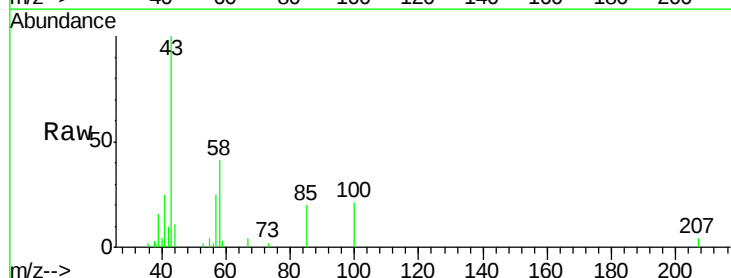
Tgt Ion: 43 Resp: 5723

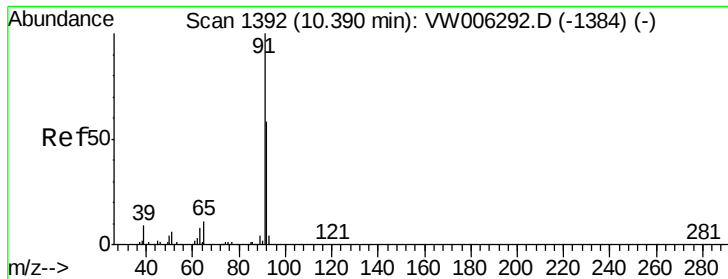
Ion Ratio Lower Upper

43 100

58 41.4 31.4 47.2

100 18.2 13.3 19.9





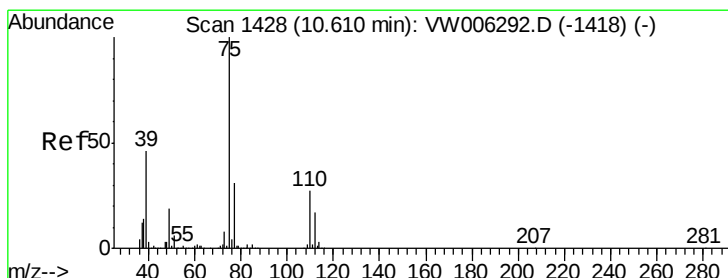
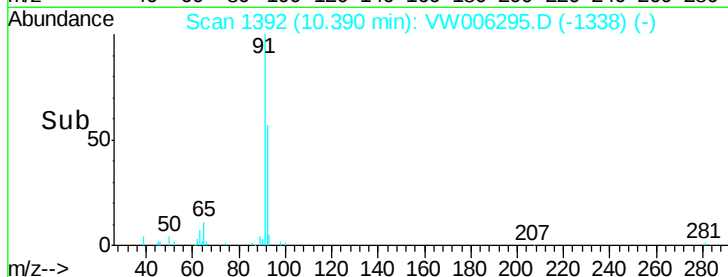
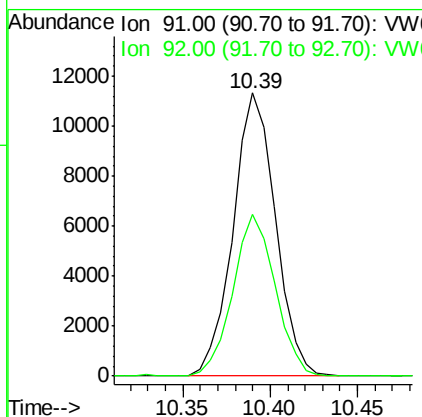
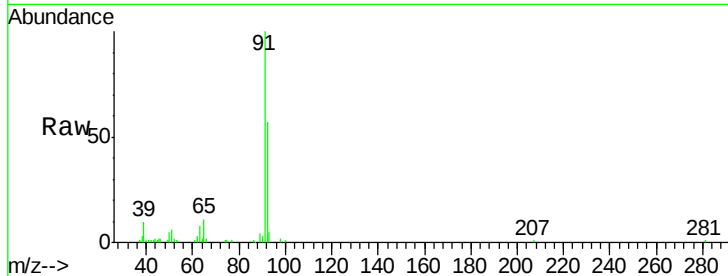
#44
Toluene
Concen: 0.922 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion: 91 Resp: 19093
Ion Ratio Lower Upper
91 100
92 57.4 40.4 75.0

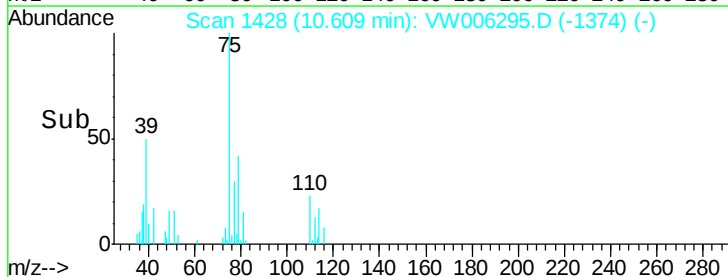
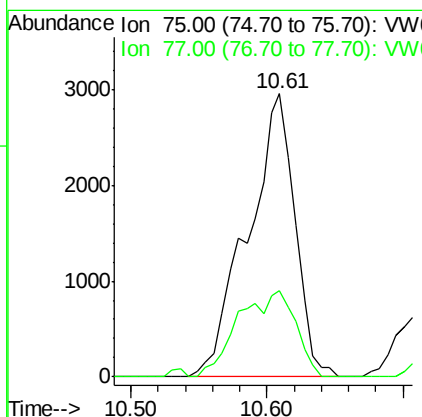
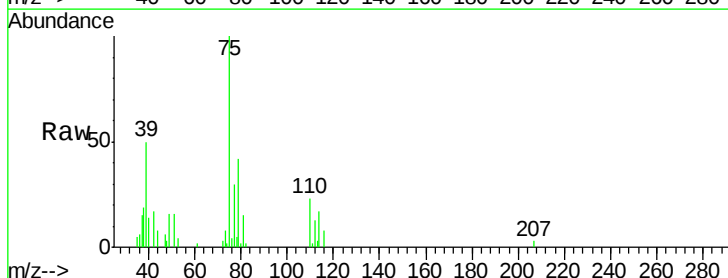
Manual Integrations
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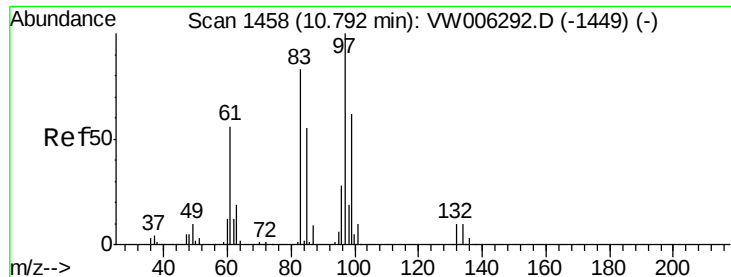
MMDadoda
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#45
trans-1,3-Dichloropropene
Concen: 1.097 ug/L
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion: 75 Resp: 7155
Ion Ratio Lower Upper
75 100
77 30.4 22.4 41.6





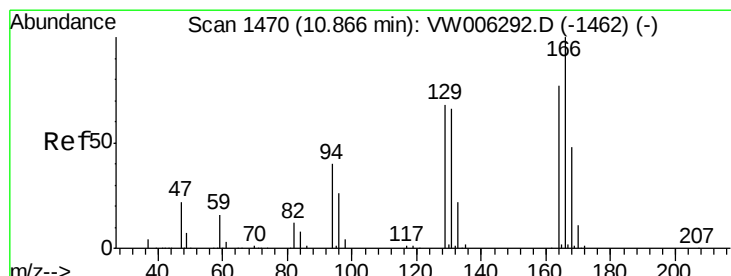
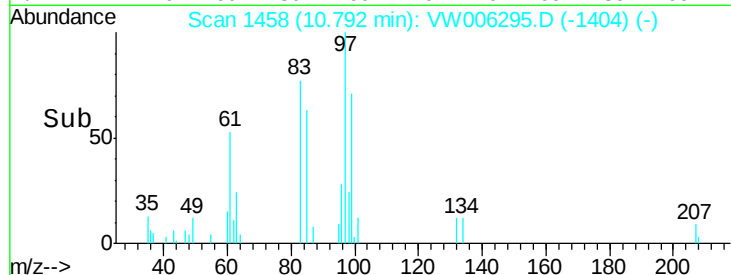
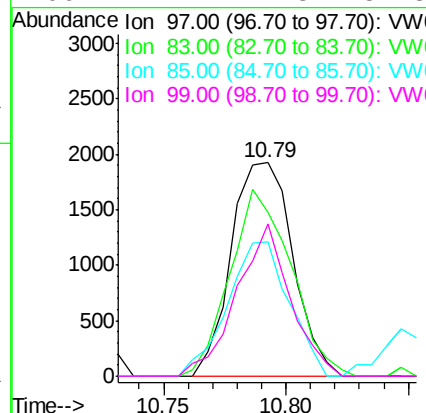
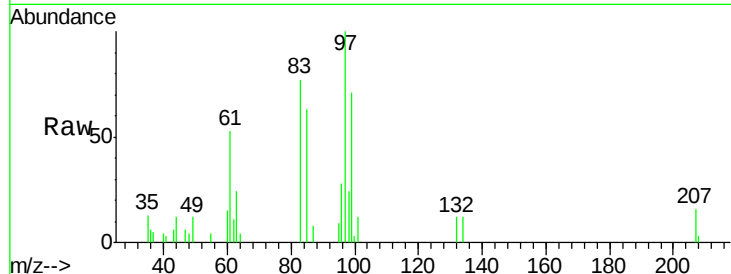
#46
 1,1,2-Trichloroethane
 Concen: 0.885 ug/L
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Instrument :
 MSVOA_W
 ClientSampled :
 MDL

Tgt Ion:	97	Resp:	3370
Ion	Ratio	Lower	Upper
97	100		
83	76.6	60.0	111.4
85	62.9	38.7	71.9
99	71.1	44.3	82.3

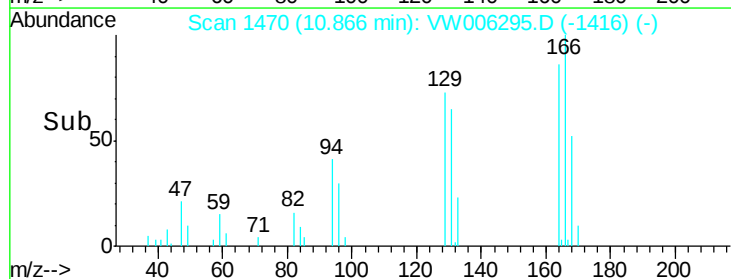
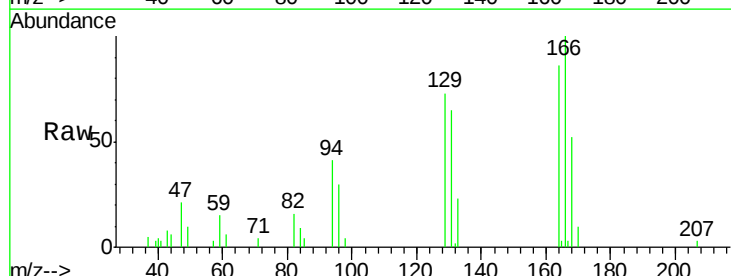
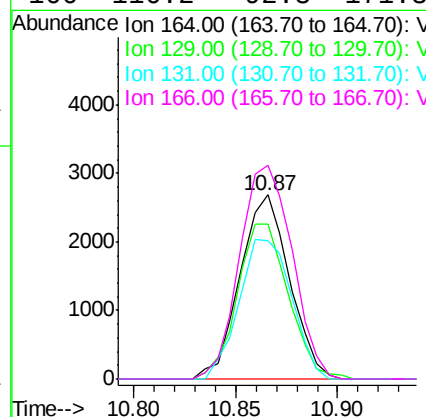
Manual Integrations
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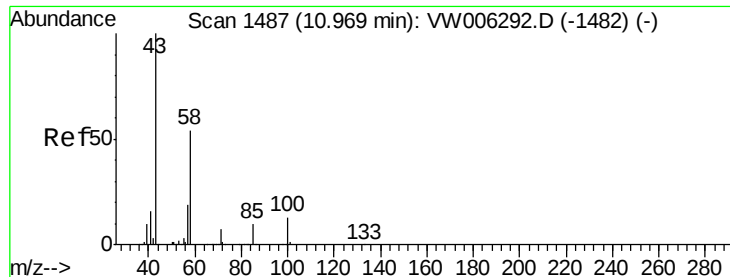
MMDadoda
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#47
 Tetrachloroethene
 Concen: 0.941 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Tgt Ion:	164	Resp:	4516
Ion	Ratio	Lower	Upper
164	100		
129	84.3	65.4	121.4
131	75.5	63.8	118.4
166	116.2	92.3	171.3





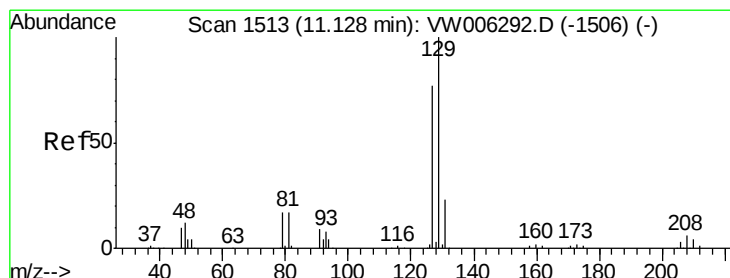
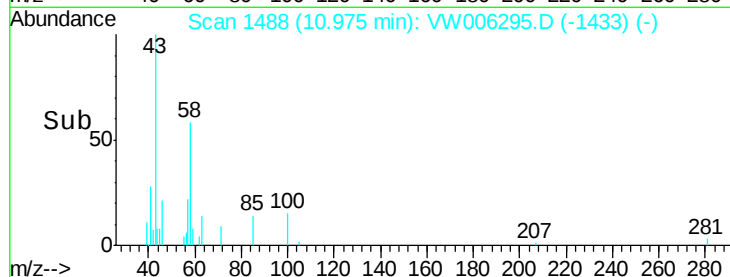
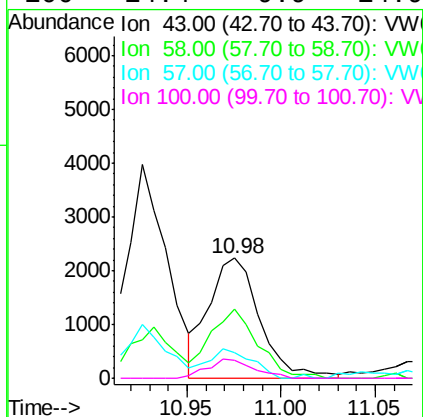
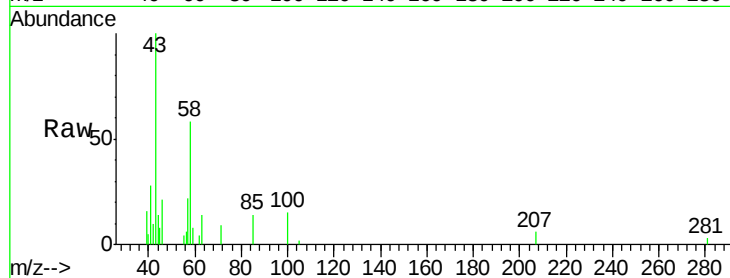
#49
2-Hexanone
Concen: 1.553 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion:	43	Resp:	4195
Ion	Ratio	Lower	Upper
43	100		
58	52.3	42.1	63.1
57	20.8	15.1	22.7
100	14.4	9.9	14.9

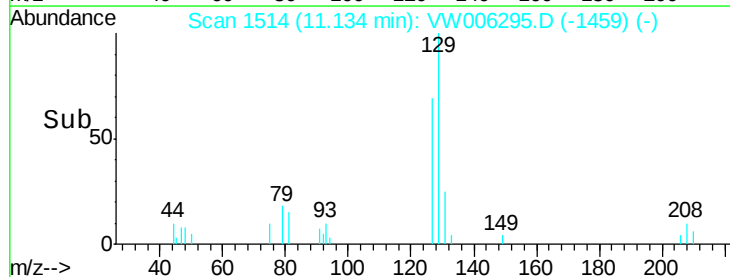
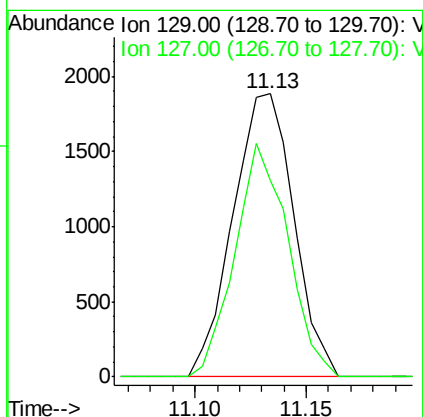
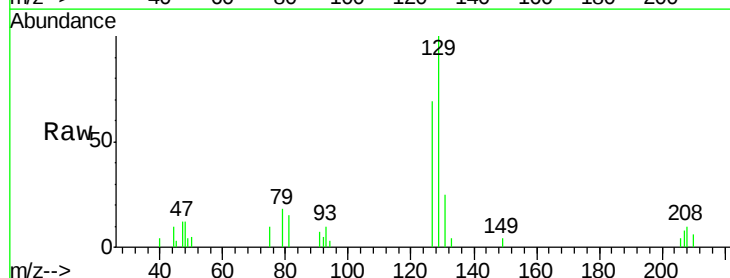
Manual Integrations
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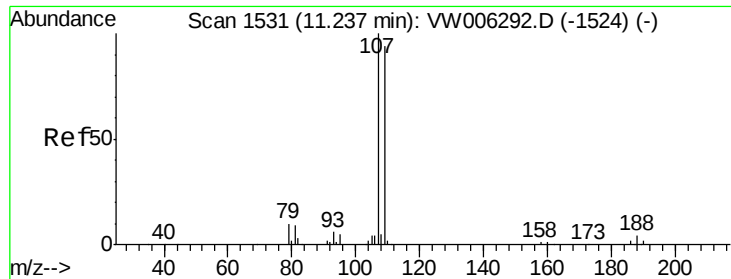
MMDadoda
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#50
Dibromochloromethane
Concen: 0.734 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion:	129	Resp:	3584
Ion	Ratio	Lower	Upper
129	100		
127	69.5	54.4	101.0





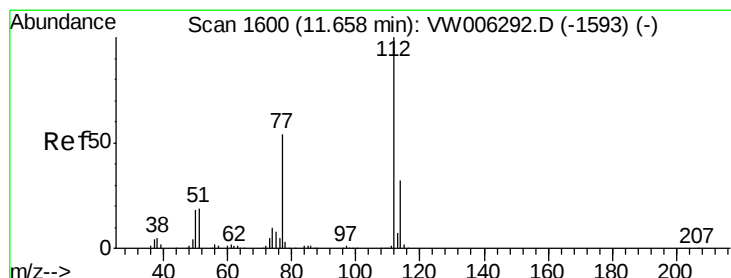
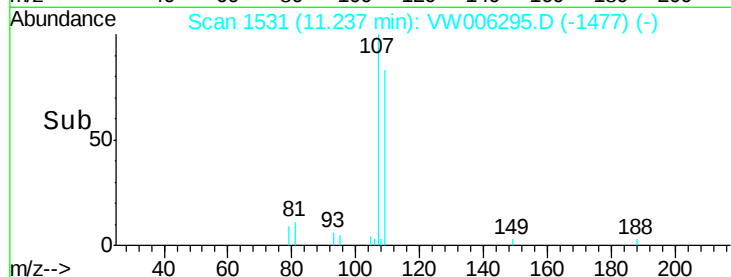
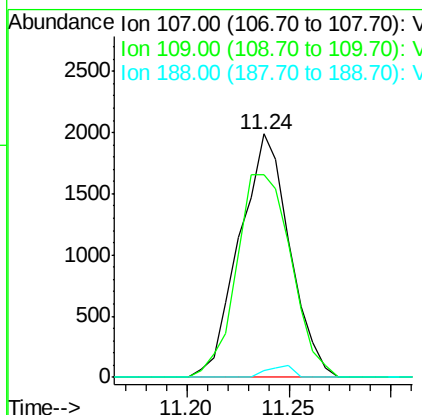
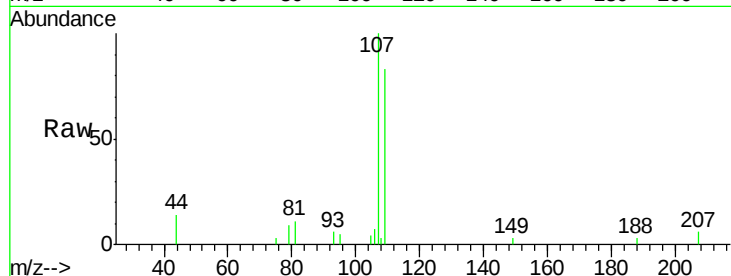
#51
1,2-Dibromoethane
Concen: 0.858 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	3402		
109	83.5	66.6	123.8	
188	2.7	3.4	5.0#	

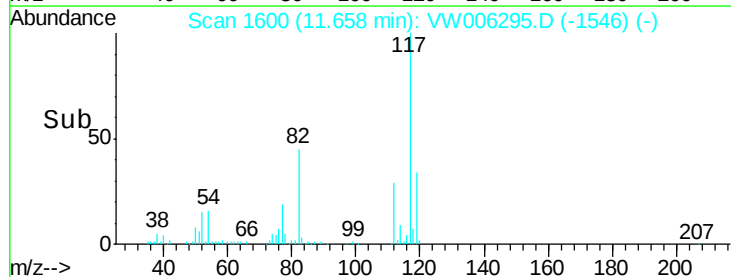
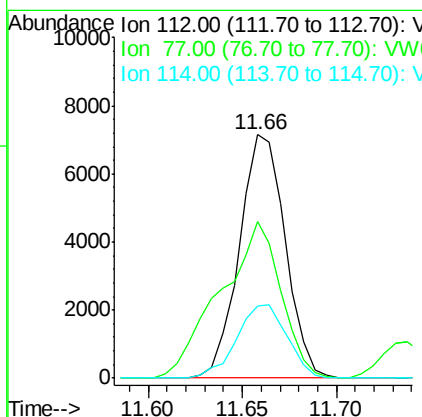
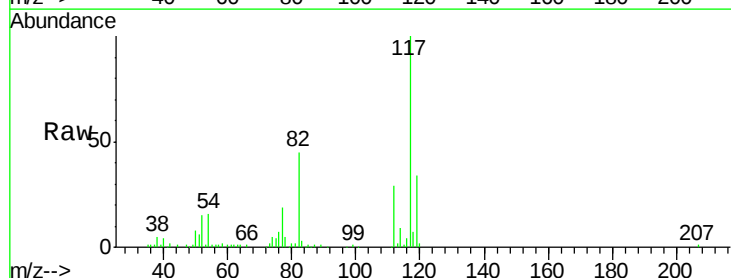
Manual Integrations
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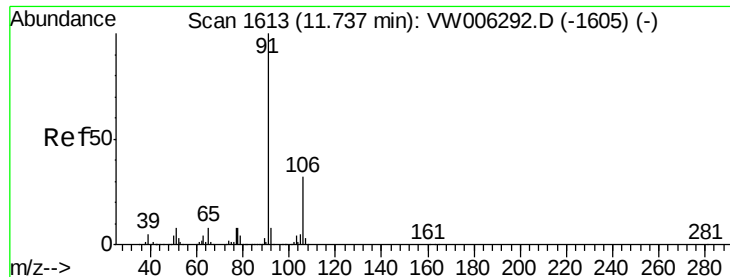
MMDadoda
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#52
Chlorobenzene
Concen: 0.863 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	12093		
77	64.2	44.2	66.2	
114	29.5	22.1	41.1	





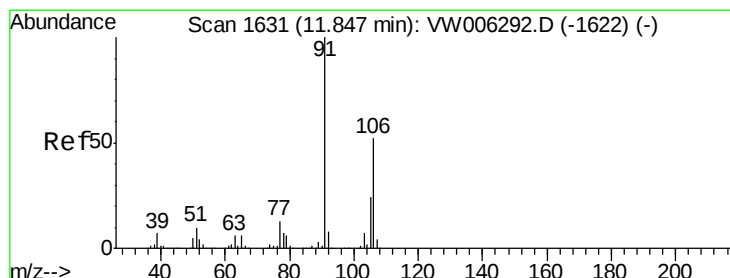
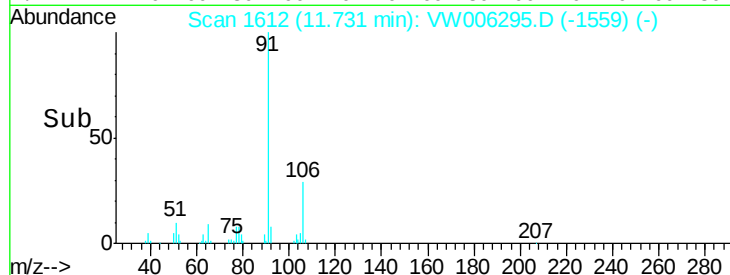
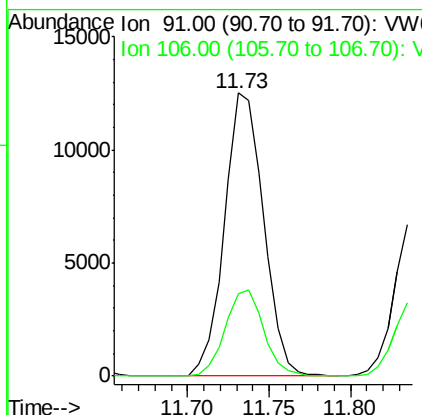
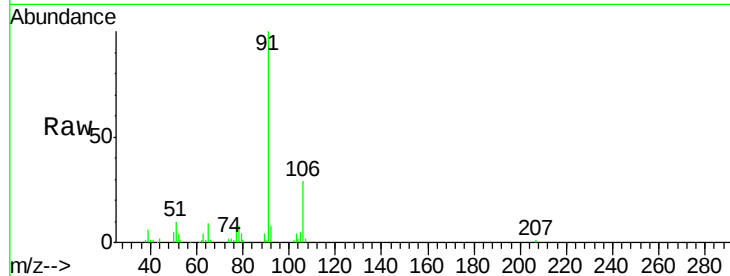
#53
Ethylbenzene
Concen: 0.865 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampled :
MDL

Tgt Ion: 91 Resp: 20845
Ion Ratio Lower Upper
91 100
106 29.2 22.6 42.0

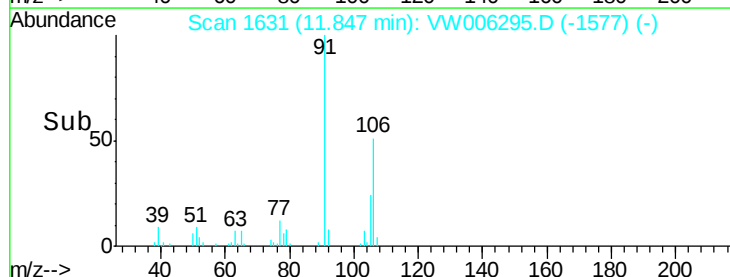
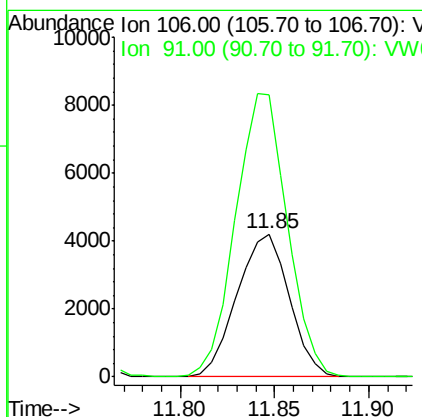
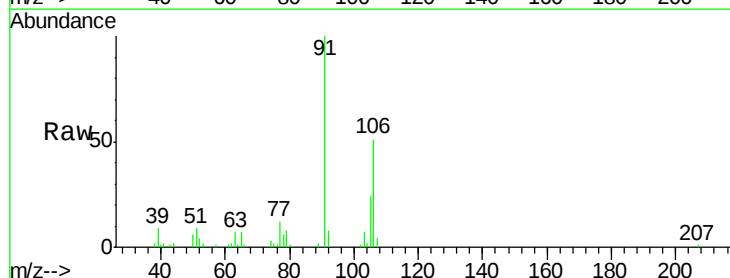
Manual Integrations
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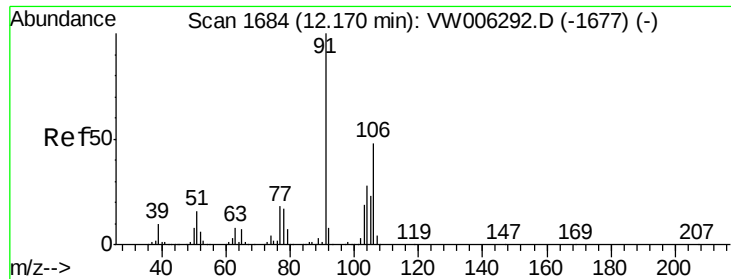
MMDadoda
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#54
m,p-Xylene
Concen: 0.856 ug/L
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion: 106 Resp: 8082
Ion Ratio Lower Upper
106 100
91 197.6 138.4 257.0





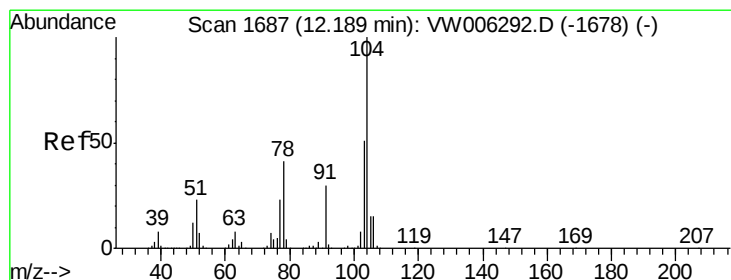
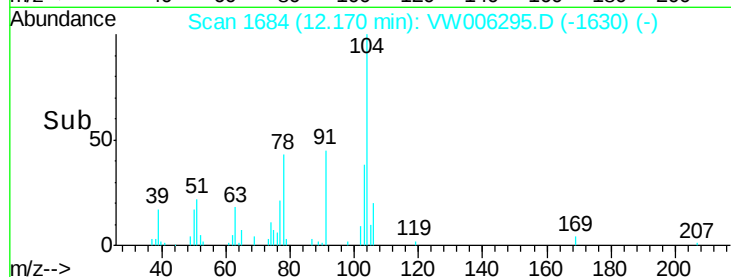
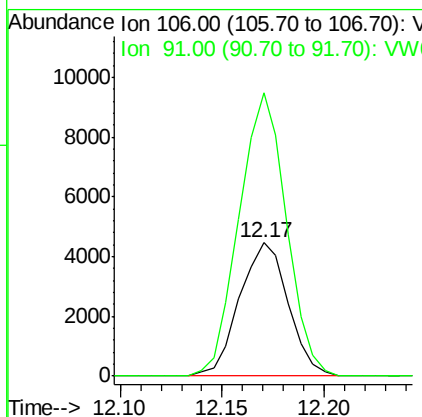
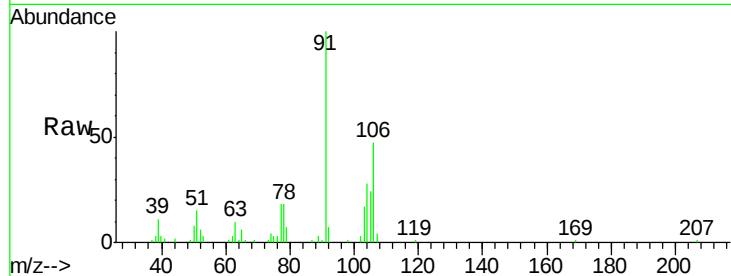
#55
o-xylene
Concen: 0.817 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion:106 Resp: 7369
Ion Ratio Lower Upper
106 100
91 212.1 148.7 276.1

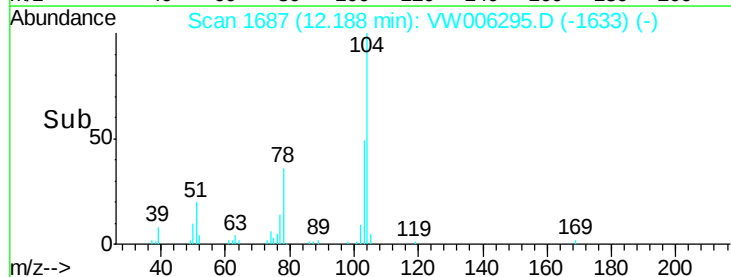
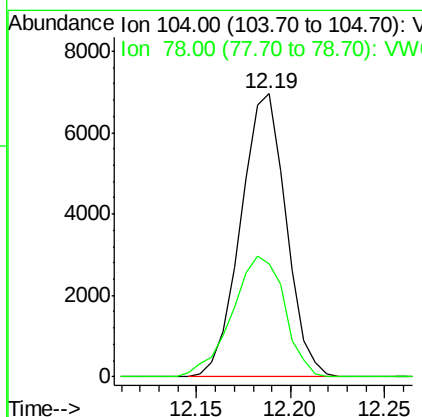
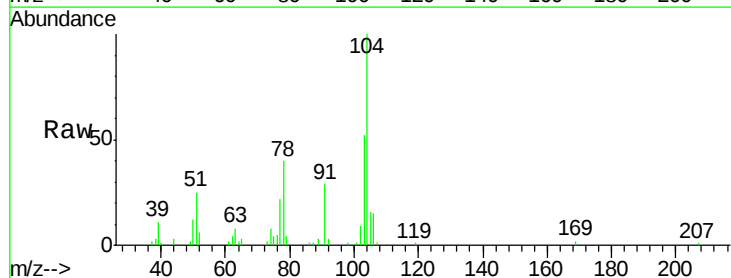
Manual Integrations
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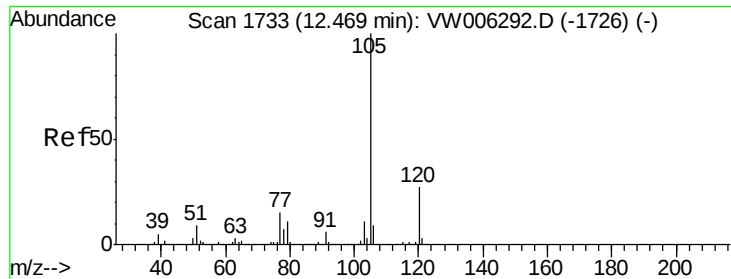
MMDadoda
10/24/2018 2:06:06 PM



#56
Styrene
Concen: 0.749 ug/L
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion:104 Resp: 11632
Ion Ratio Lower Upper
104 100
78 40.0 31.2 58.0





#57

Isopropylbenzene

Concen: 0.810 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006295.D

Acq: 23 Oct 2018 14:41

Instrument :

MSVOA_W

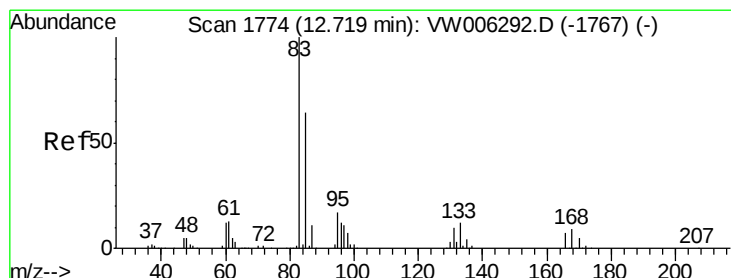
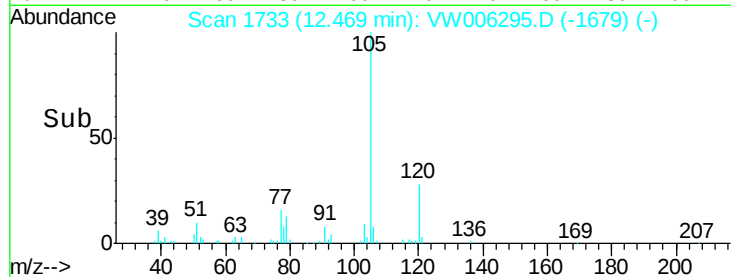
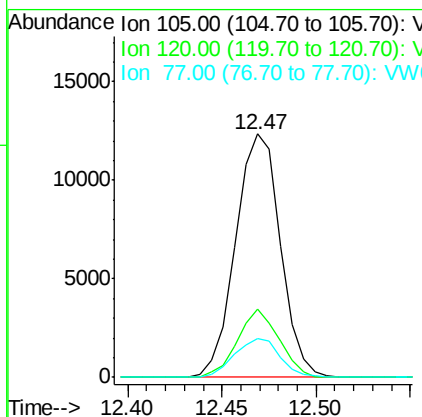
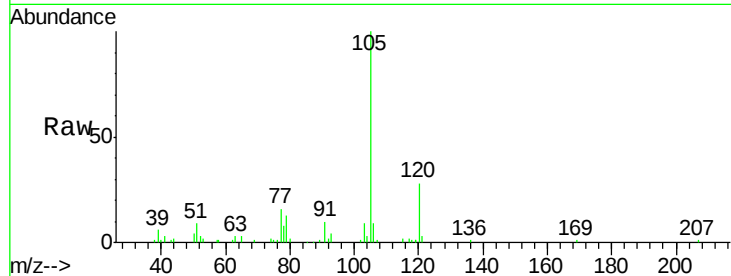
ClientSampleId :

MDL

Tgt Ion:	105	Resp:	20317
Ion Ratio		Lower	Upper
105	100		
120	26.0	21.8	32.6
77	16.2	12.2	18.2

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#58

1,1,2,2-Tetrachloroethane

Concen: 0.995 ug/L

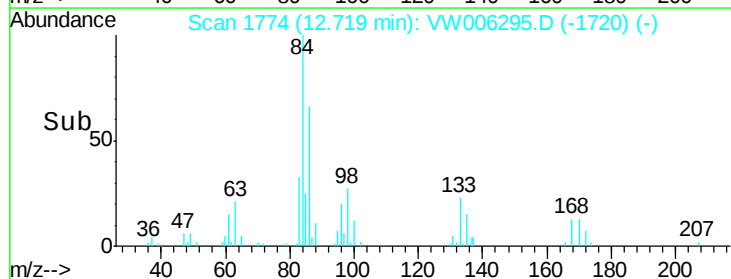
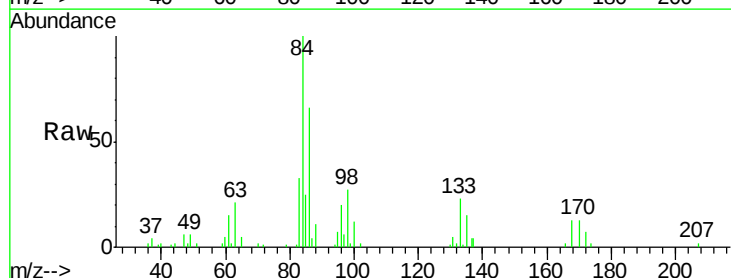
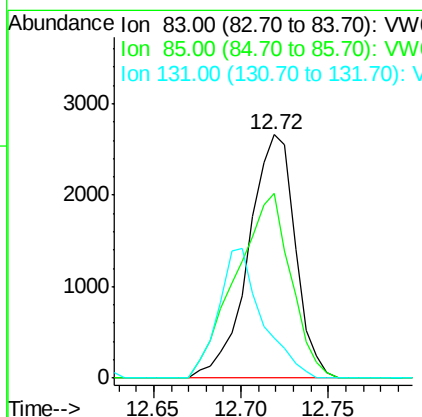
RT: 12.72 min Scan# 1774

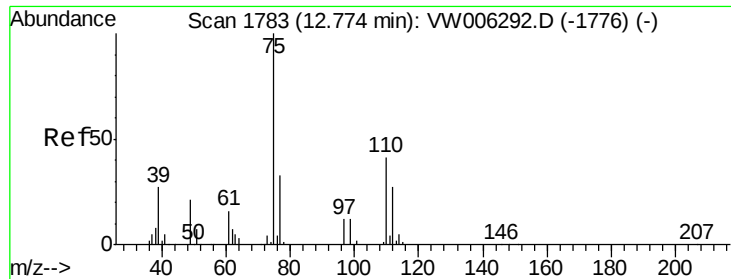
Delta R.T. -0.00 min

Lab File: VW006295.D

Acq: 23 Oct 2018 14:41

Tgt Ion:	83	Resp:	4925
Ion Ratio		Lower	Upper
83	100		
85	75.8	44.8	83.2
131	16.4	9.0	13.4#





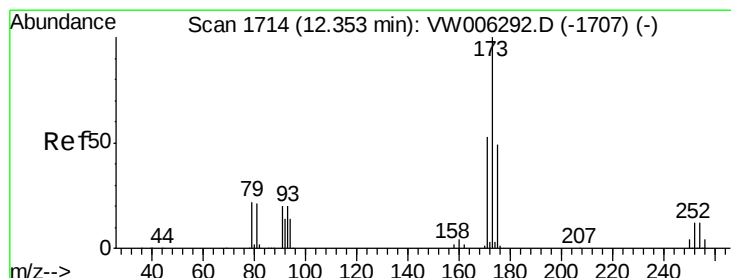
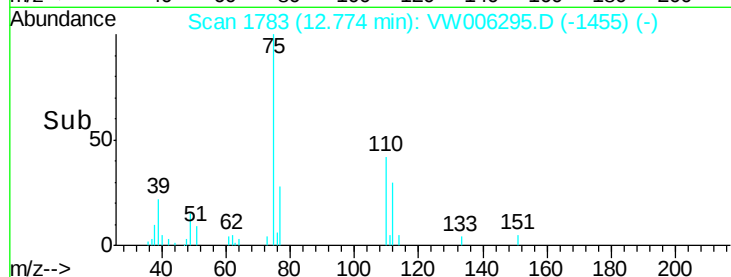
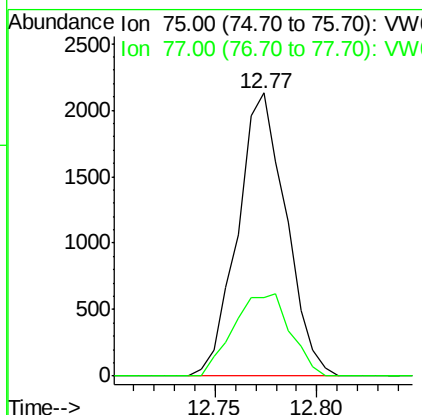
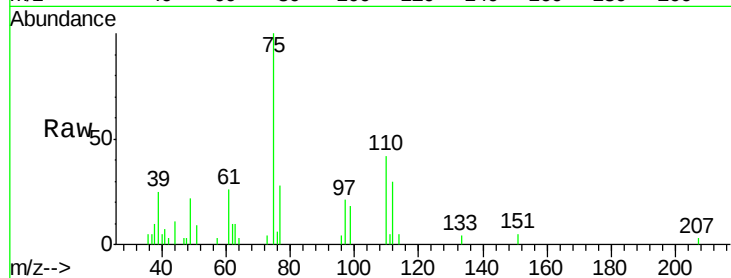
#59
 1,2,3-Trichloropropane
 Concen: 0.949 ug/L
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Tgt Ion: 75 Resp: 3504
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.9 38.9

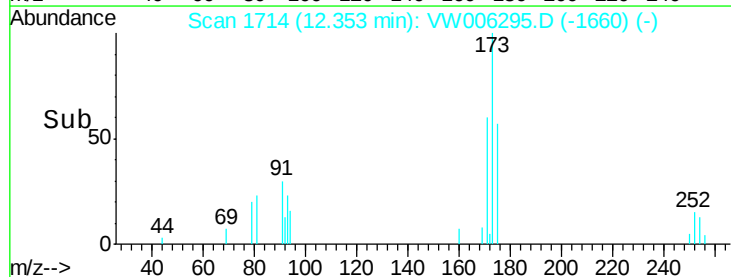
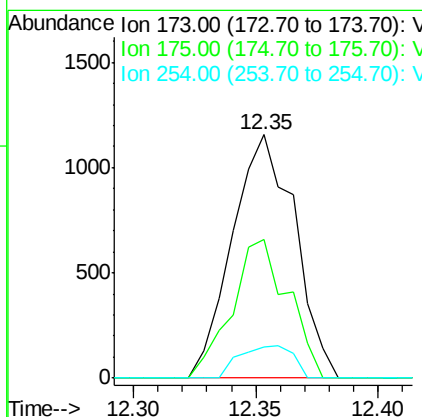
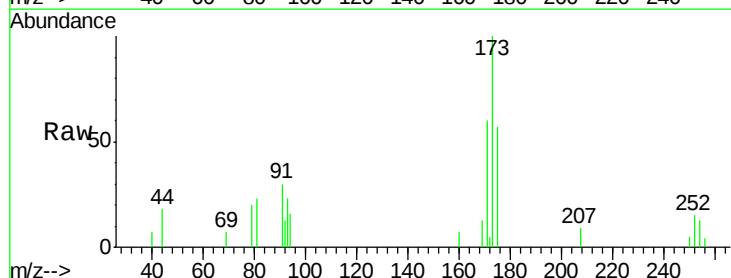
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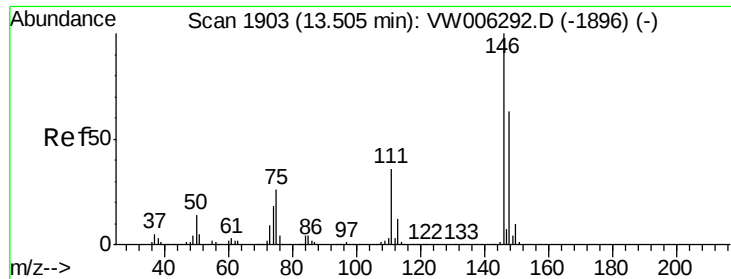
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#62
 Bromoform
 Concen: 0.648 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Tgt Ion: 173 Resp: 2065
 Ion Ratio Lower Upper
 173 100
 175 51.0 39.1 58.7
 254 11.3 9.2 13.8





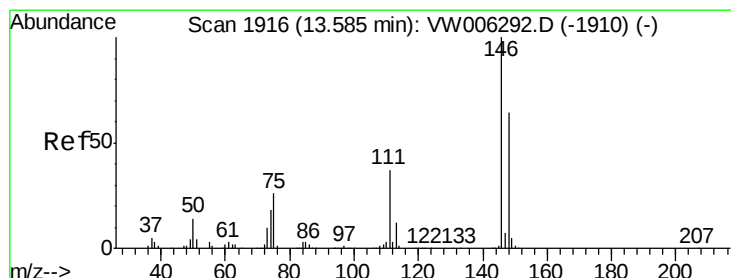
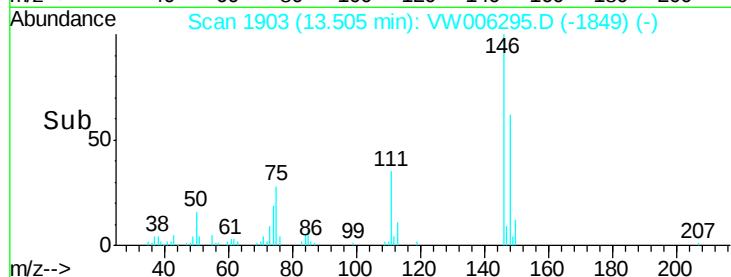
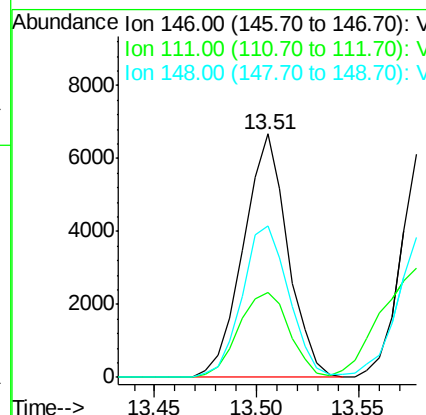
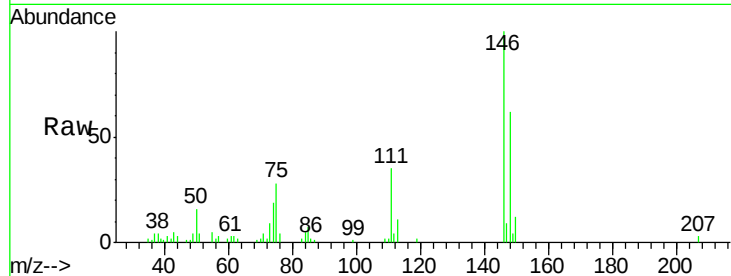
#63
 1,3-Dichlorobenzene
 Concen: 0.863 ug/L
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Instrument :
 MSVOA_W
 ClientSampled :
 MDL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.9	26.3	48.9
148	62.1	44.7	82.9

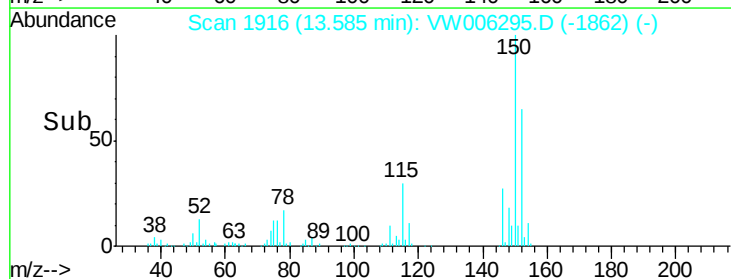
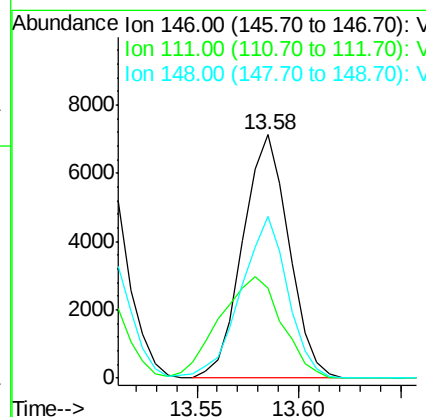
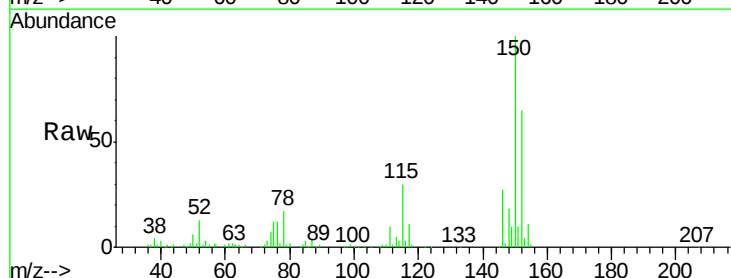
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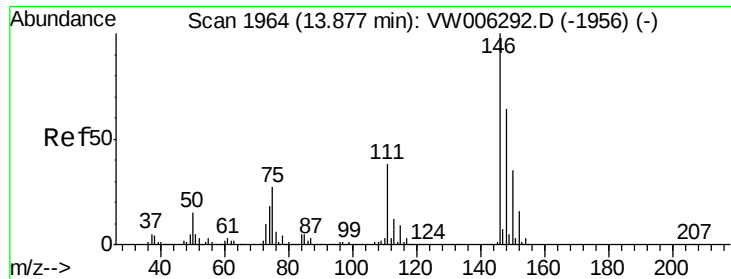
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#64
 1,4-Dichlorobenzene
 Concen: 0.953 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	24.7	45.9
148	66.3	44.9	83.5





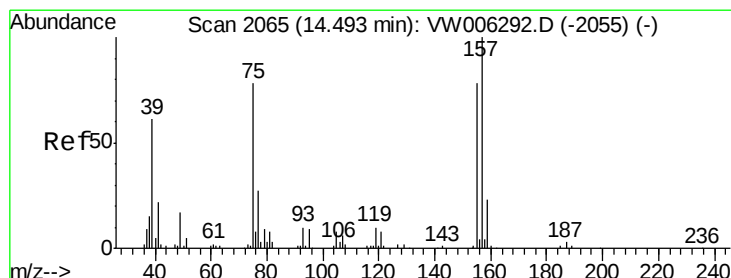
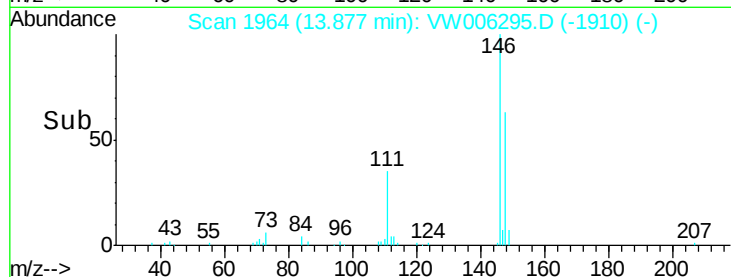
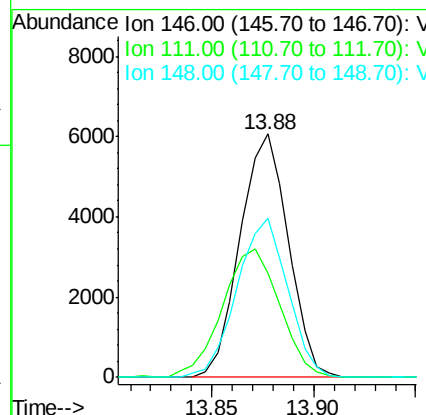
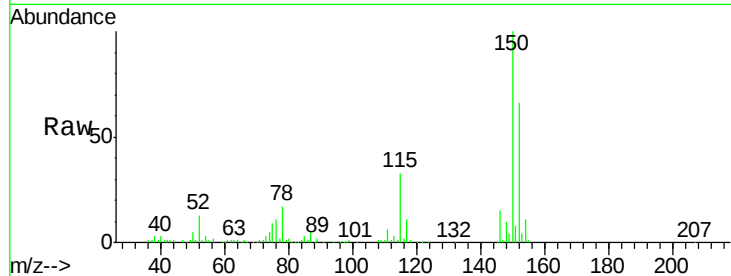
#65
1,2-Dichlorobenzene
Concen: 0.927 ug/L
RT: 13.88 min Scan# 1964
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampled :
MDL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	31.1	46.7
148	65.4	51.2	76.8

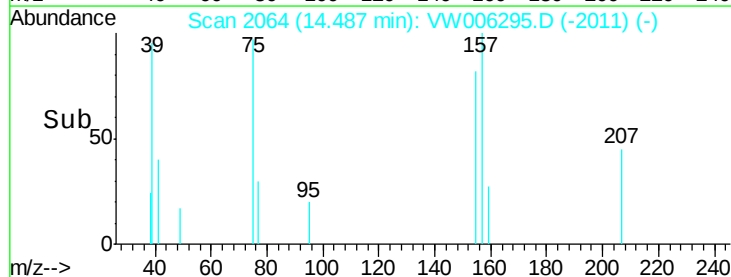
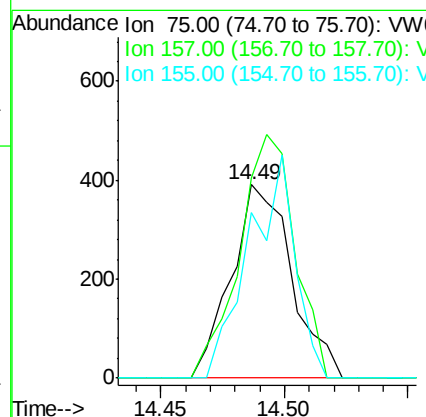
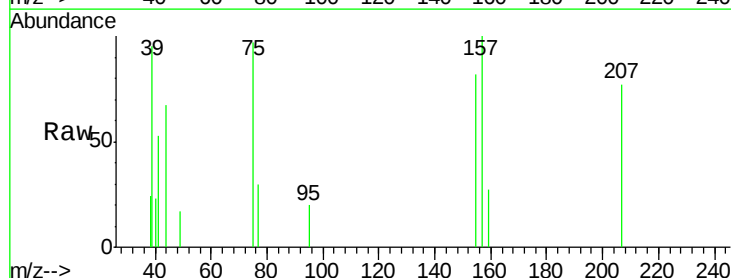
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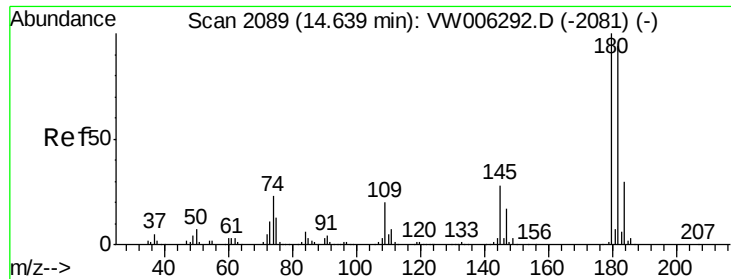
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#66
1,2-Dibromo-3-chloropropane
Concen: 0.764 ug/L m
RT: 14.49 min Scan# 2064
Delta R.T. -0.01 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion	Ratio	Lower	Upper
75	100		
157	103.6	106.8	160.2#
155	85.4	79.2	118.8





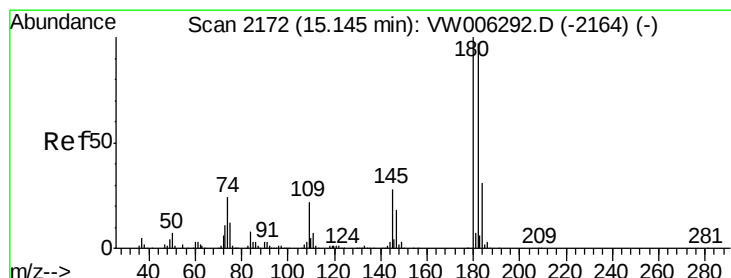
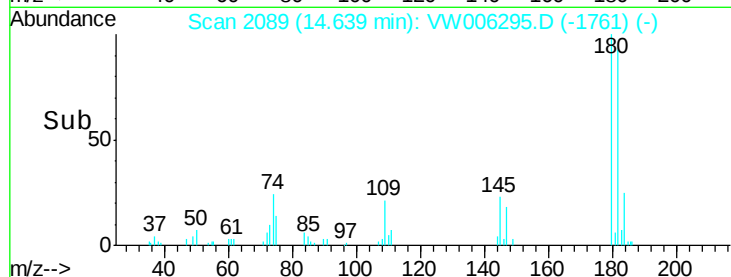
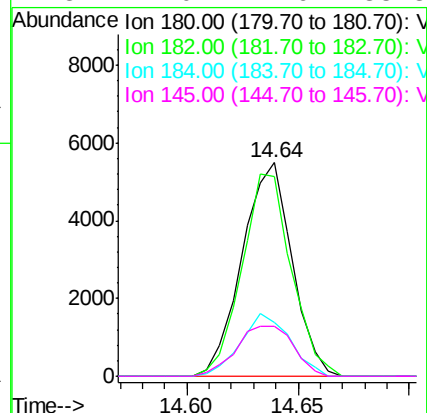
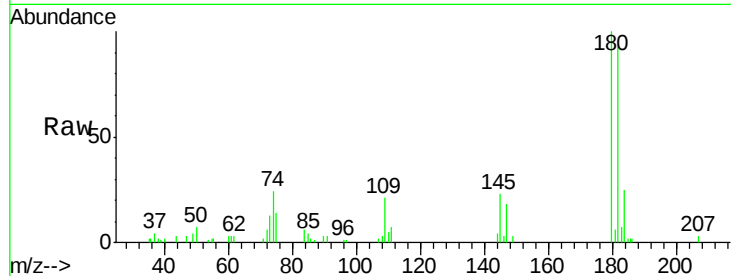
#67
 1,3,5-Trichlorobenzene
 Concen: 0.909 ug/L
 RT: 14.64 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Tgt Ion:	180	Resp:	8560
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.0	114.0
184	29.2	24.3	36.5
145	27.0	22.6	33.8

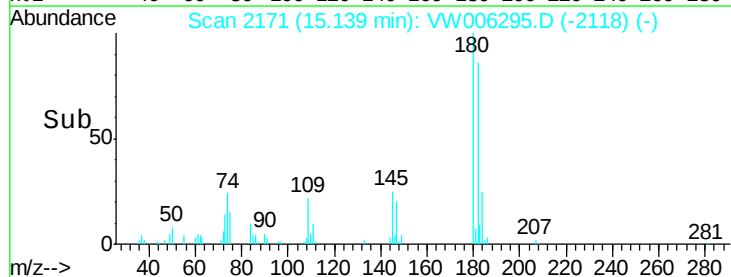
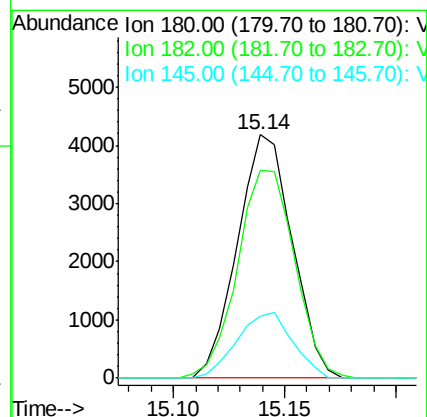
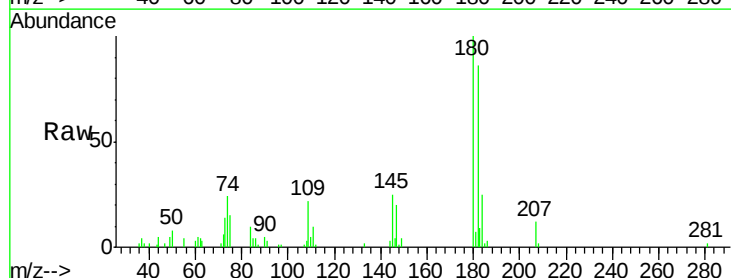
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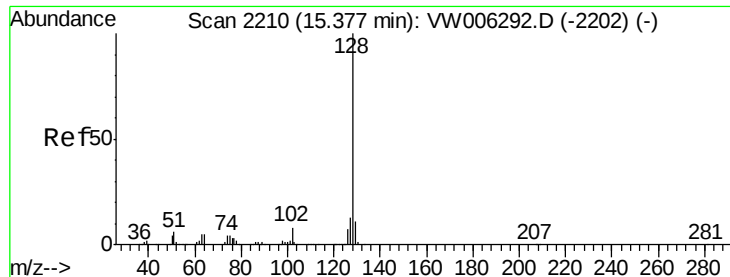
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#68
 1,2,4-trichlorobenzene
 Concen: 0.892 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006295.D
 Acq: 23 Oct 2018 14:41

Tgt Ion:	180	Resp:	7166
Ion Ratio	Lower	Upper	
180	100		
182	89.4	76.2	114.2
145	27.4	23.0	34.6





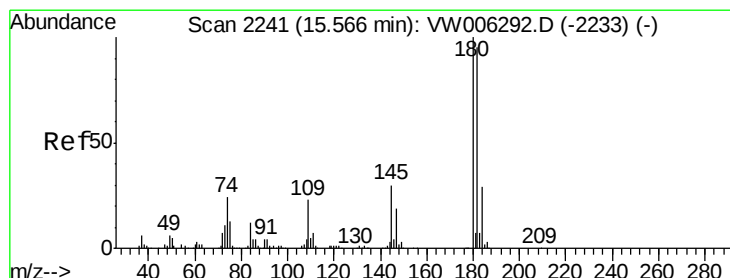
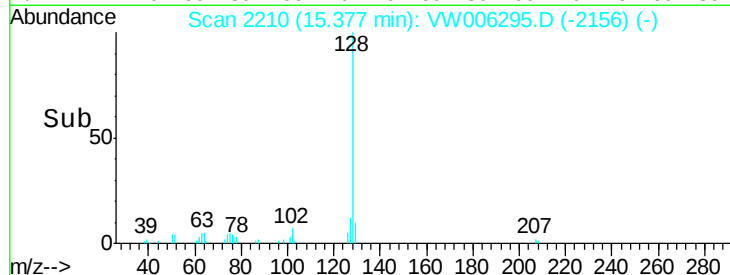
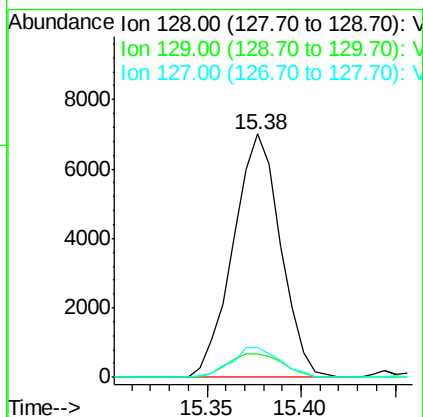
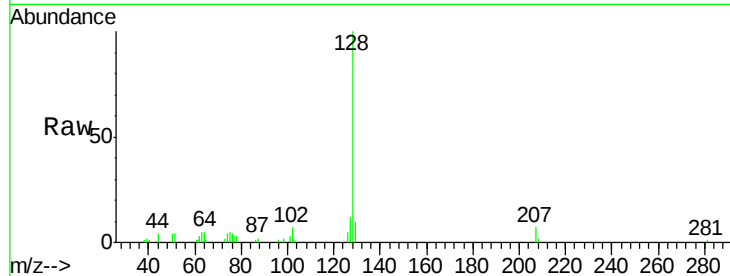
#69
Naphthalene
Concen: 0.750 ug/L
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.8	10.5	15.7

Manual Integrations
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#70
1,2,3-Trichlorobenzene
Concen: 0.885 ug/L
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006295.D
Acq: 23 Oct 2018 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	75.5	113.3
145	28.2	24.5	36.7

