

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102318\
 Data File : VW006297.D
 Acq On : 23 Oct 2018 15:33
 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 2:07:16 PM

Quant Time: Oct 24 04:02:53 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	407011	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	387992	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	203716	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82695	18.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.08%
7) Chloroethane-d5	2.90	69	79761	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.76%
10) 1,1-Dichloroethene-d2	4.01	63	138970	15.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.08%
20) 2-Butanone-d5	7.08	46	59611	39.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.36%
24) Chloroform-d	7.65	84	195047	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	8.31	65	112280	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.08%
29) Benzene-d6	8.27	84	397288	22.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.20%
33) 1,2-Dichloropropane-d6	9.28	67	116133	21.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.36%
37) Toluene-d8	10.33	98	392084	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.04%
38) trans-1,3-Dichloropropene-	10.58	79	47987	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.28%
39) 2-Hexanone-d5	10.93	63	49270	38.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.72%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	108691	21.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	164865	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	4528m	1.177 ug/L	
3) Chloromethane	2.21	50	4605	1.219 ug/L	98
5) Vinyl chloride	2.37	62	6197	1.018 ug/L #	71
6) Bromomethane	2.79	94	4640m	0.979 ug/L	
8) Chloroethane	2.93	64	3724	0.998 ug/L	97
9) Trichlorofluoromethane	3.26	101	4949m	1.016 ug/L	
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	6532m	1.341 ug/L	
12) 1,1-Dichloroethene	4.03	96	5807	1.243 ug/L #	1
13) Acetone	4.12	43	4323m	2.812 ug/L	
14) Carbon disulfide	4.37	76	12745	0.834 ug/L	96
15) Methyl Acetate	4.68	43	2412	0.969 ug/L	95
16) Methylene chloride	4.92	84	12734	2.423 ug/L	95
17) Methyl tert-butyl Ether	5.42	73	7146	0.939 ug/L #	69
18) trans-1,2-Dichloroethene	5.43	96	5248	1.014 ug/L	84
19) 1,1-Dichloroethane	6.22	63	8287	0.990 ug/L #	95
21) 2-Butanone	7.16	43	4585m	2.245 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	5792	1.026 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	2750	1.036	ug/L	96
25) Chloroform	7.68	83	9945	1.104	ug/L	77
27) 1,2-Dichloroethane	8.40	62	6583	1.072	ug/L	96
30) Cyclohexane	7.96	56	8047	0.944	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	7507	0.925	ug/L	96
32) Carbon tetrachloride	8.07	117	7309	0.918	ug/L	96
34) Benzene	8.33	78	19869	0.998	ug/L	100
35) Trichloroethene	9.10	95	5580	0.996	ug/L	99
36) Methylcyclohexane	9.34	83	9877	0.962	ug/L	100
40) 1,2-Dichloropropane	9.37	63	4926	0.997	ug/L #	96
41) Bromodichloromethane	9.65	83	5731	0.859	ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	6779	0.840	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	6953	1.756	ug/L	98
44) Toluene	10.39	91	23440	1.048	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	8555	1.214	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	3978	0.967	ug/L	95
47) Tetrachloroethene	10.87	164	5179	0.998	ug/L	90
49) 2-Hexanone	10.98	43	4604	1.578	ug/L	99
50) Dibromochloromethane	11.13	129	4150	0.787	ug/L	91
51) 1,2-Dibromoethane	11.24	107	3872	0.904	ug/L #	94
52) Chlorobenzene	11.66	112	15217	1.005	ug/L	99
53) Ethylbenzene	11.74	91	25359	0.974	ug/L	99
54) m,p-Xylene	11.85	106	9233	0.905	ug/L	94
55) o-xylene	12.17	106	9118	0.936	ug/L	86
56) Styrene	12.18	104	14281	0.851	ug/L	96
57) Isopropylbenzene	12.47	105	24546	0.905	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	5646	1.056	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	3764	0.944	ug/L	100
62) Bromoform	12.35	173	2529	0.741	ug/L	94
63) 1,3-Dichlorobenzene	13.51	146	12065	0.964	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	13294	1.055	ug/L	94
65) 1,2-Dichlorobenzene	13.88	146	12455	1.082	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	773m	0.834	ug/L	
67) 1,3,5-Trichlorobenzene	14.63	180	10132	1.005	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	8250	0.959	ug/L	97
69) Naphthalene	15.38	128	13632	0.783	ug/L	98
70) 1,2,3-Trichlorobenzene	15.57	180	7459	0.966	ug/L	98

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

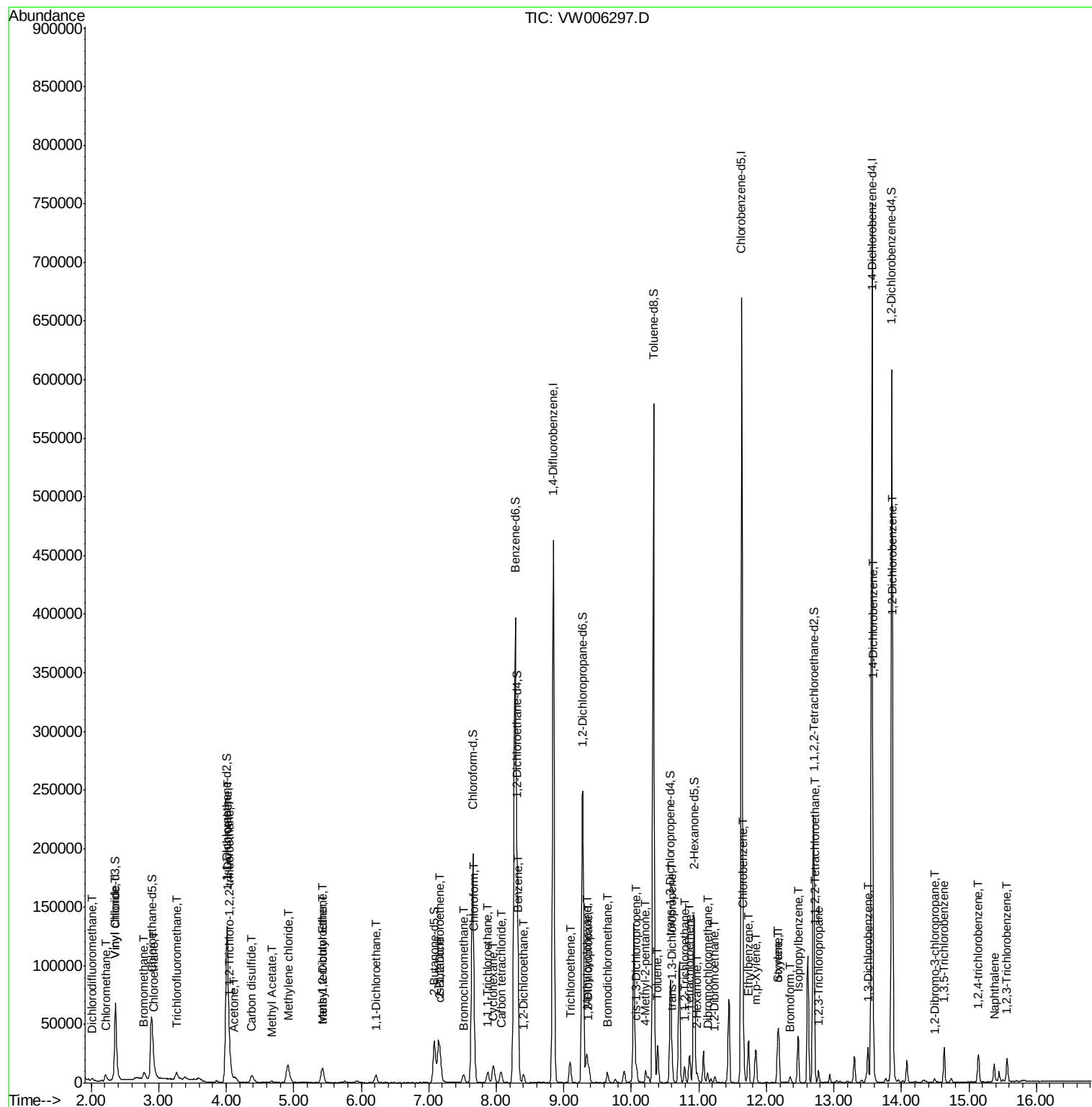
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102318\
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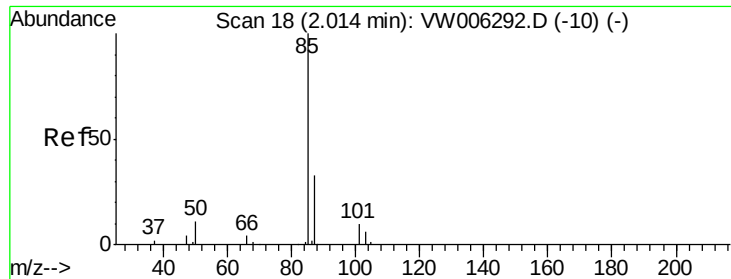
Instrument :
MSVOA_W
ClientSampled :
MDL

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#2

Dichlorodifluoromethane

Concen: 1.177 ug/L m

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

MDL

Tgt Ion: 85 Resp: 4528

Ion Ratio Lower Upper

85 100

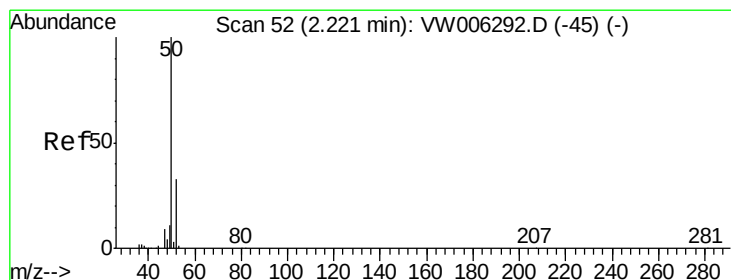
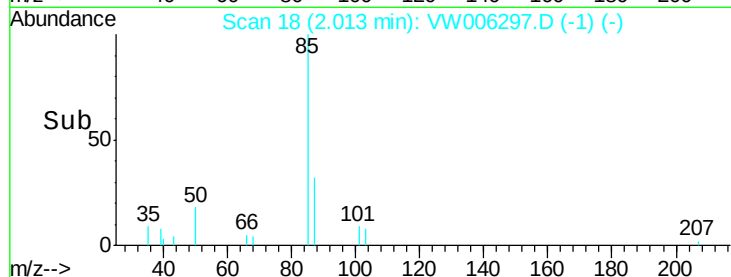
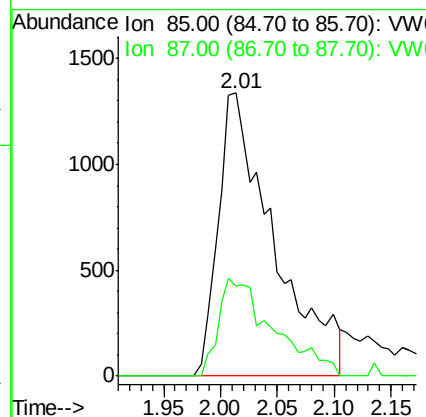
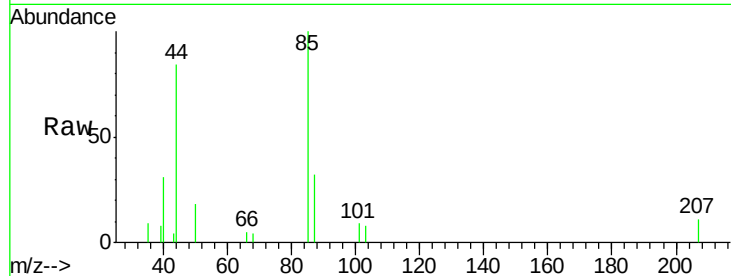
87 12.0 19.2 35.6#

Manual Integrations

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#3

Chloromethane

Concen: 1.219 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006297.D

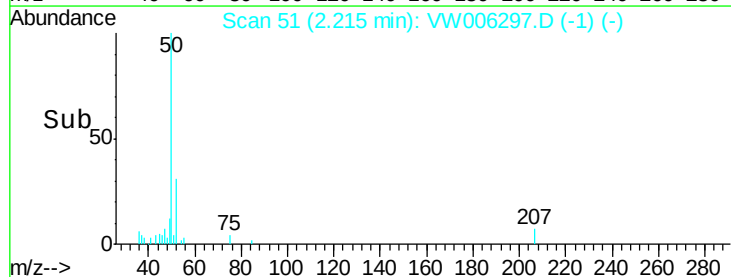
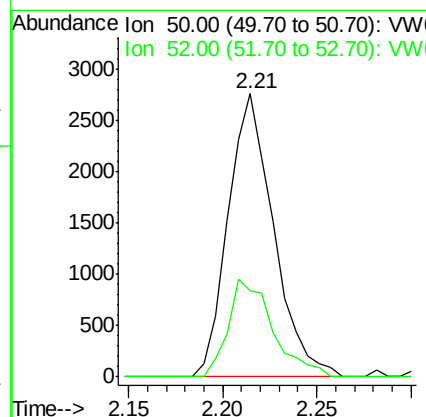
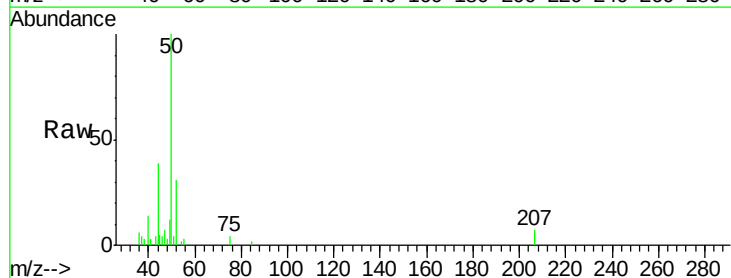
Acq: 23 Oct 2018 15:33

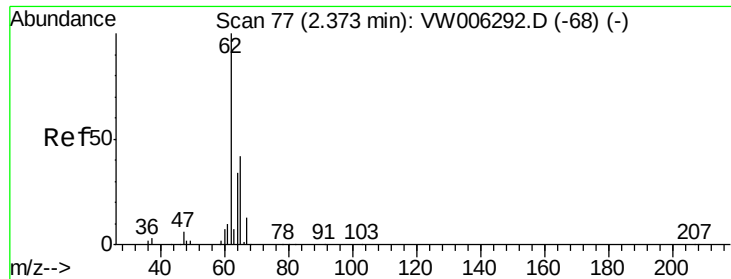
Tgt Ion: 50 Resp: 4605

Ion Ratio Lower Upper

50 100

52 30.7 22.3 41.3





#5

Vinyl chloride

Concen: 1.018 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

MDL

Tgt Ion: 62 Resp: 6197

Ion Ratio Lower Upper

62 100

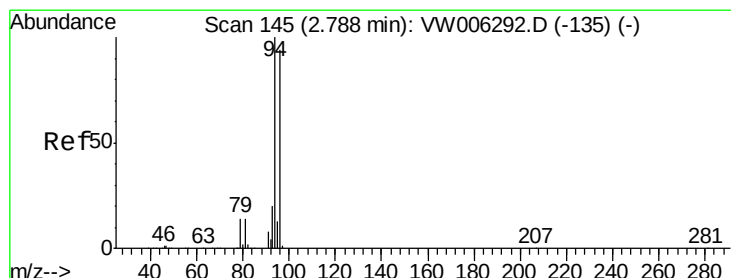
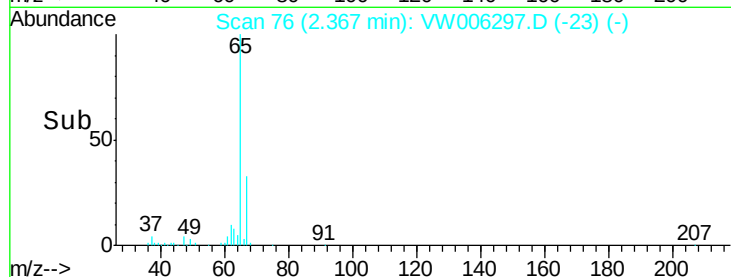
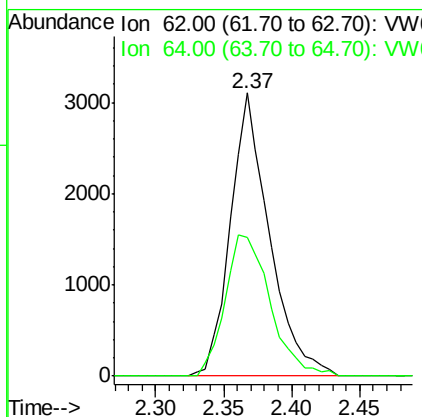
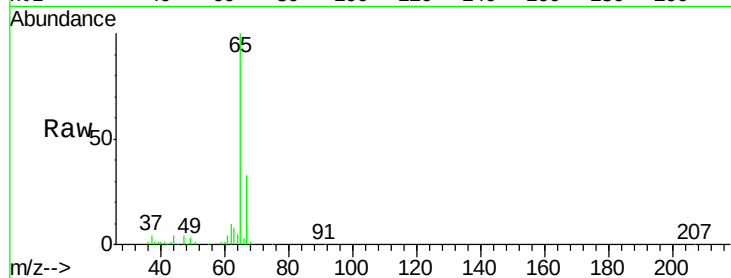
64 49.0 22.7 42.3#

Manual Integrations

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#6

Bromomethane

Concen: 0.979 ug/L m

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006297.D

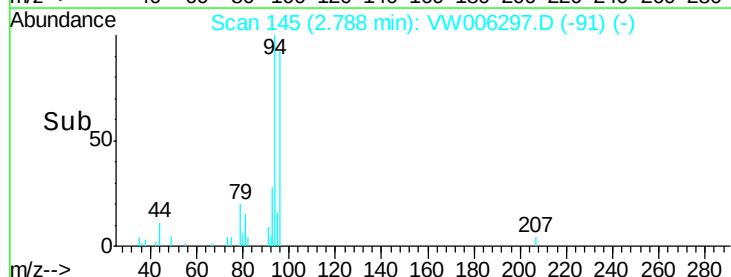
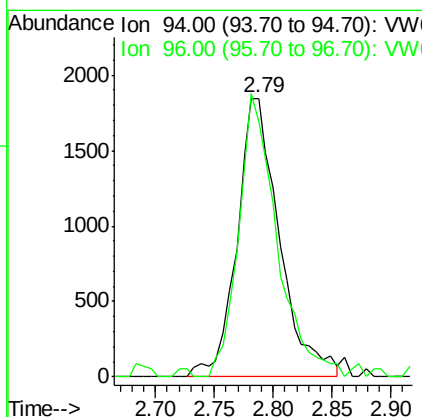
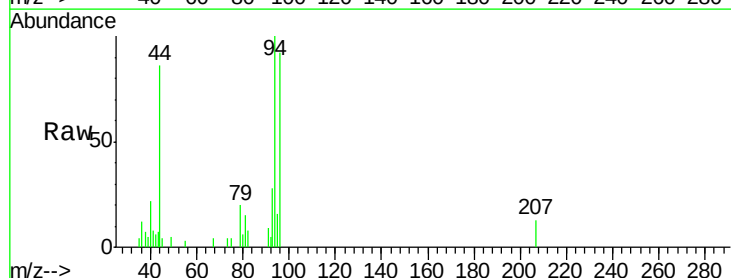
Acq: 23 Oct 2018 15:33

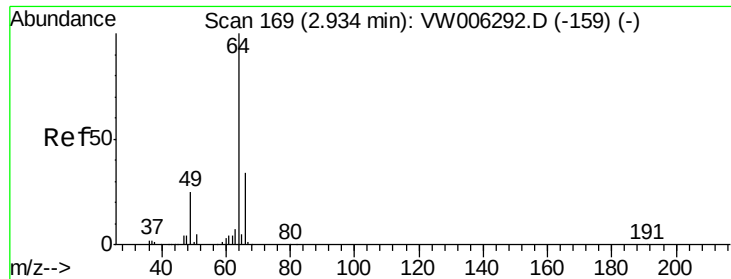
Tgt Ion: 94 Resp: 4640

Ion Ratio Lower Upper

94 100

96 91.9 9.5 181.3





#8

Chloroethane

Concen: 0.998 ug/L

RT: 2.93 min Scan# 169

Delta R.T. -0.00 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Instrument :

MSVOA_W

ClientSampled :

MDL

Tgt Ion: 64 Resp: 3724

Ion Ratio Lower Upper

64 100

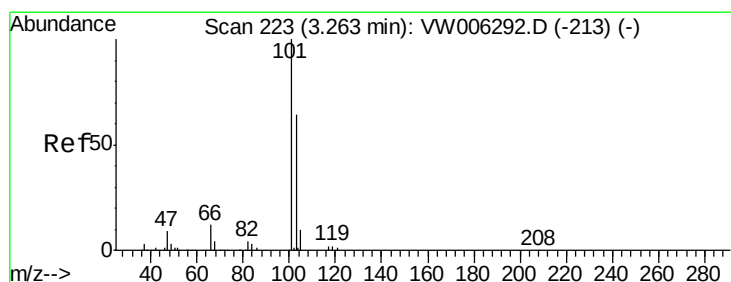
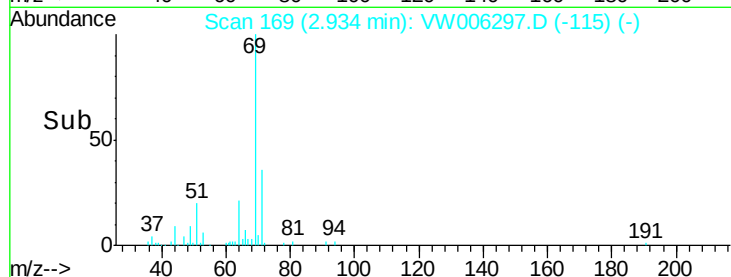
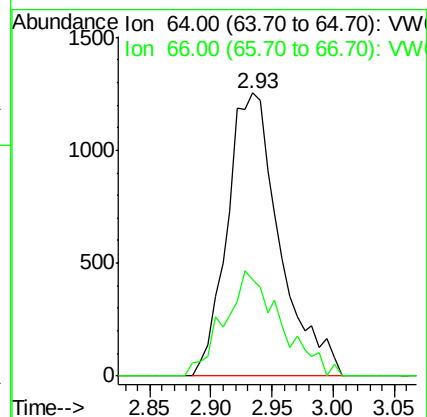
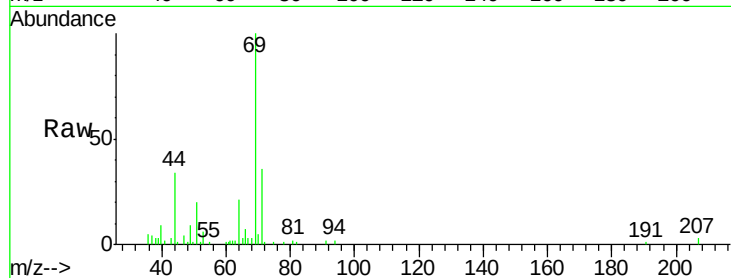
66 34.0 22.7 42.1

Manual Integrations

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#9

Trichlorofluoromethane

Concen: 1.016 ug/L m

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW006297.D

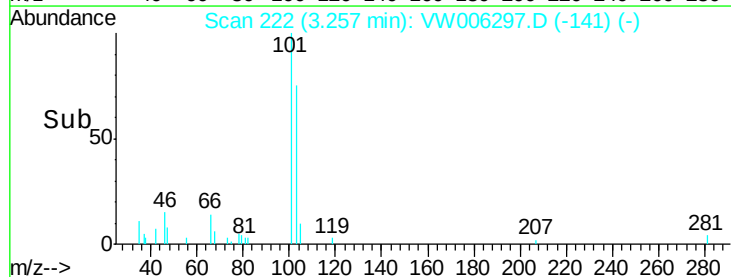
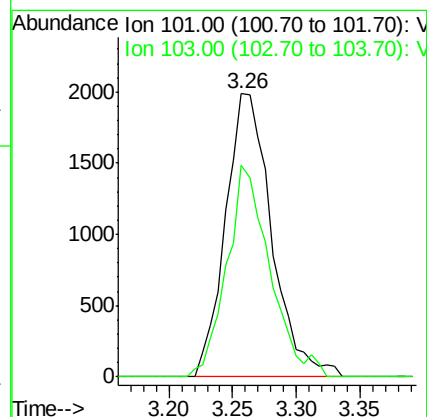
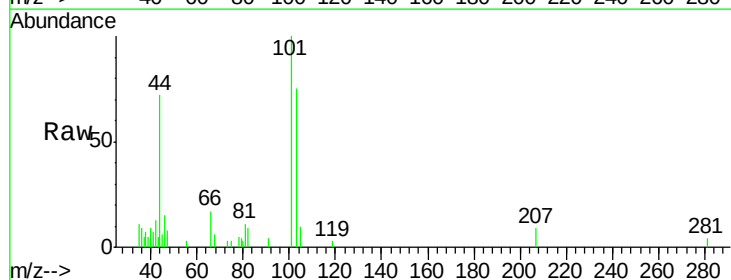
Acq: 23 Oct 2018 15:33

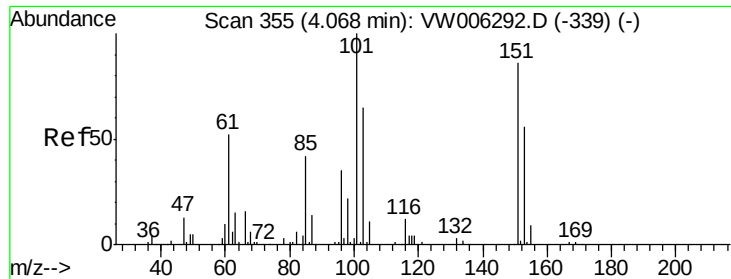
Tgt Ion: 101 Resp: 4949

Ion Ratio Lower Upper

101 100

103 67.8 45.6 84.6





#11

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

Concen: 1.341 ug/L m

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Instrument :

MSVOA_W

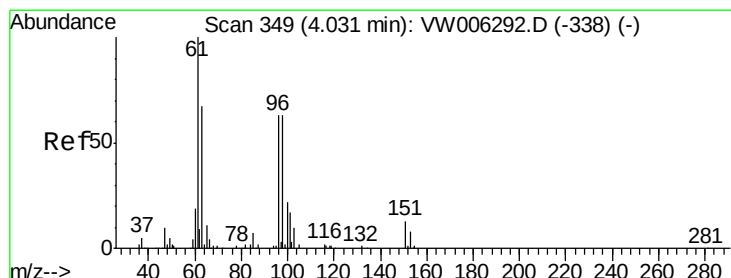
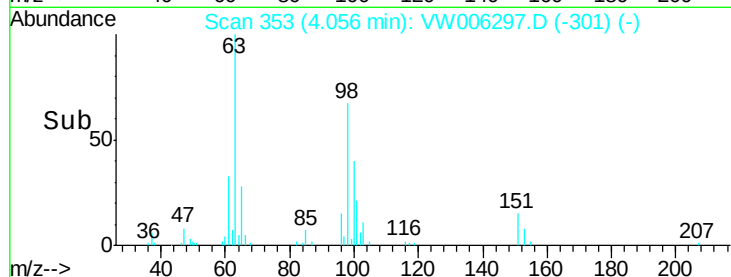
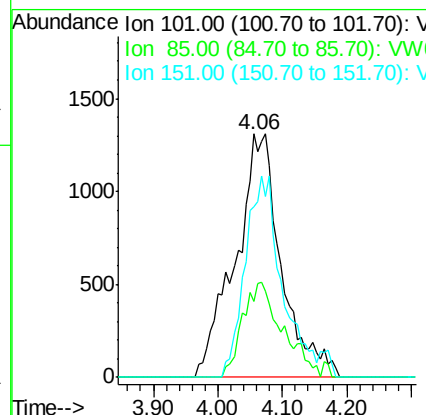
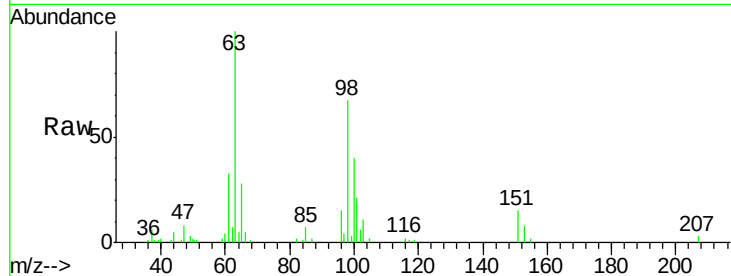
ClientSampleId :

MDL

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	6532		
85	26.5	33.4	50.2#	
151	37.9	68.7	103.1#	

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#12

1,1-Dichloroethene

Concen: 1.243 ug/L

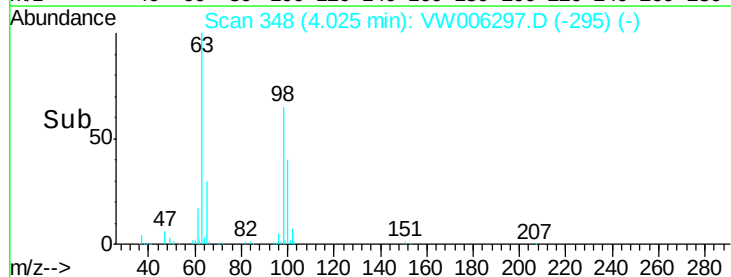
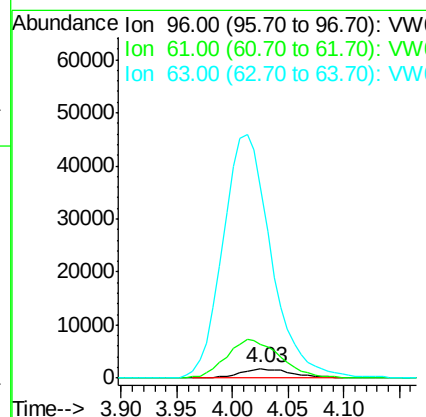
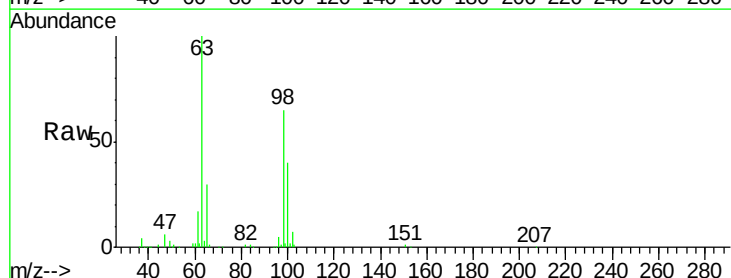
RT: 4.03 min Scan# 348

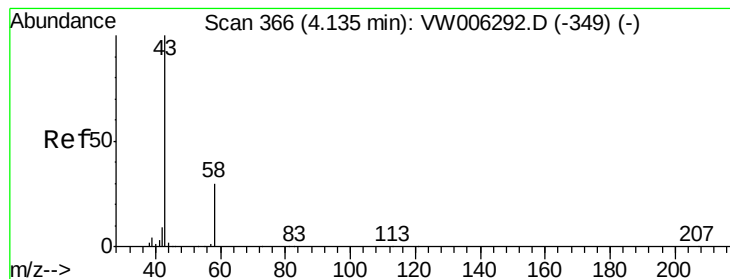
Delta R.T. -0.01 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	5807		
61	344.8	112.3	208.7#	
63	1976.6	102.6	190.6#	





#13

Acetone

Concen: 2.812 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

MDL

Tgt Ion: 43 Resp: 4323

Ion Ratio Lower Upper

43 100

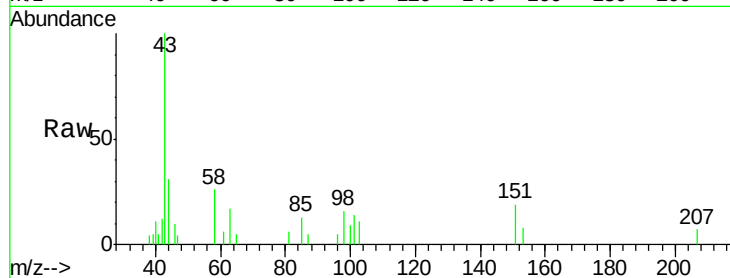
58 12.3 0.0 61.2

Manual Integrations

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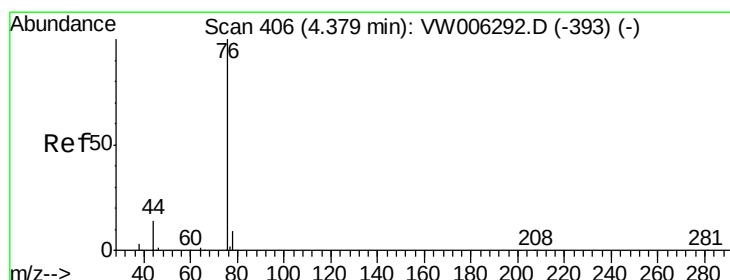
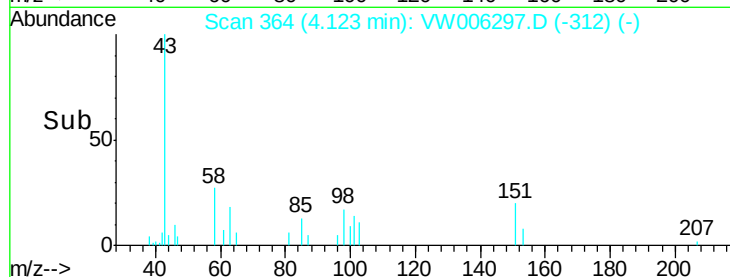
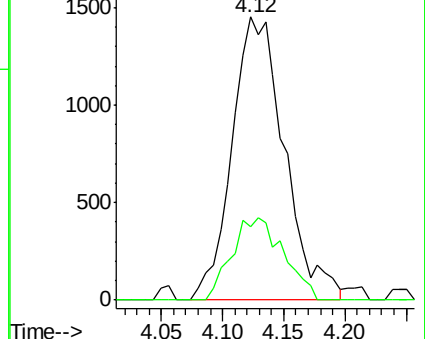
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.834 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006297.D

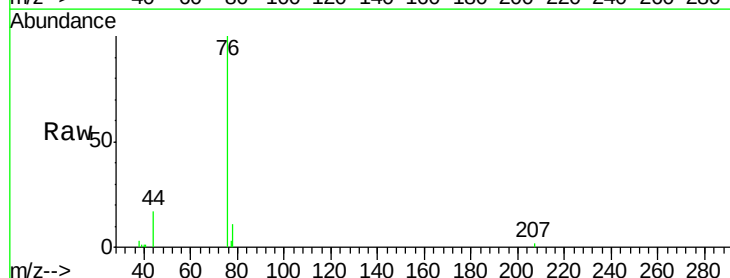
Acq: 23 Oct 2018 15:33

Tgt Ion: 76 Resp: 12745

Ion Ratio Lower Upper

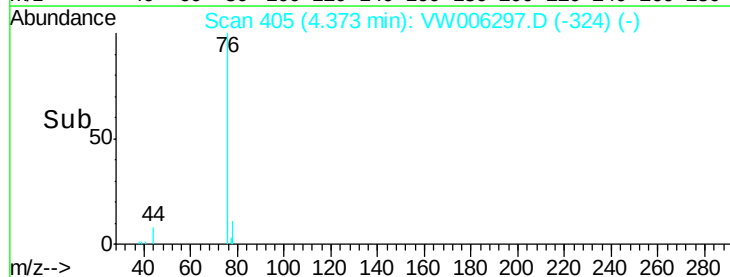
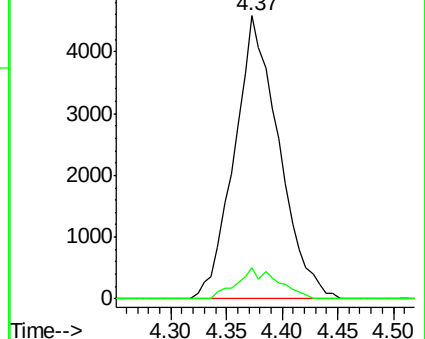
76 100

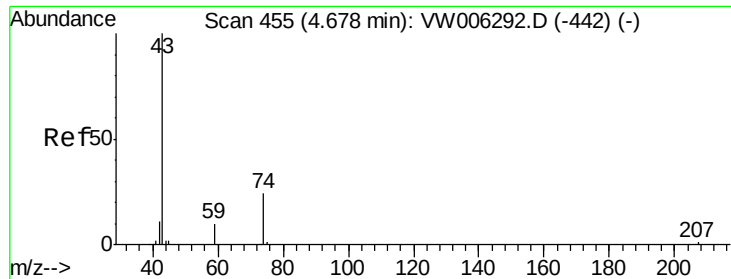
78 11.1 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





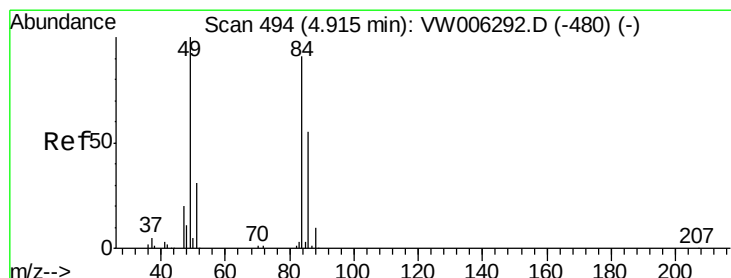
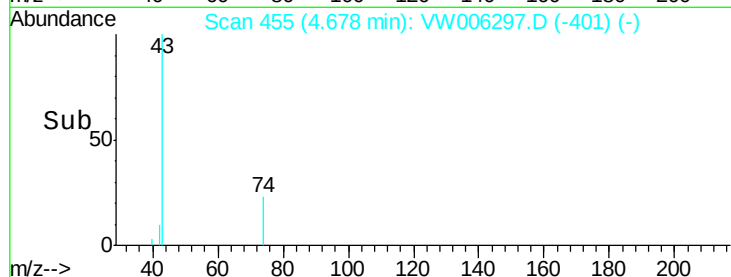
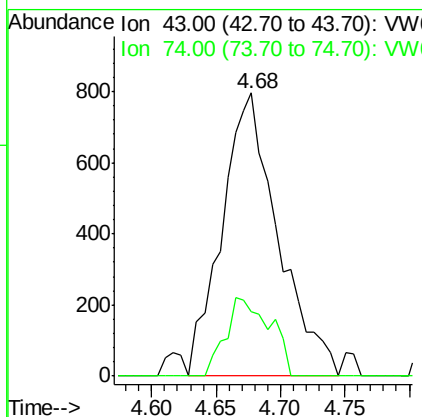
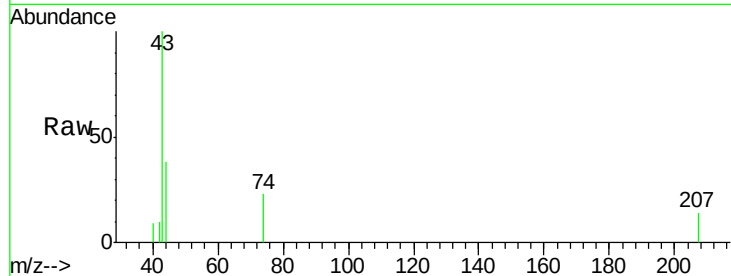
#15
Methyl Acetate
Concen: 0.969 ug/L
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Instrument :
MSVOA_W
ClientSampled :
MDL

Tgt Ion: 43 Resp: 2412
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2

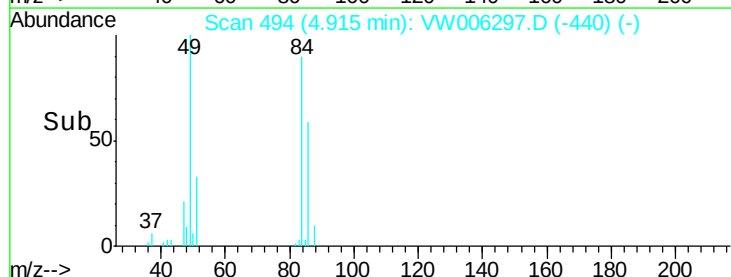
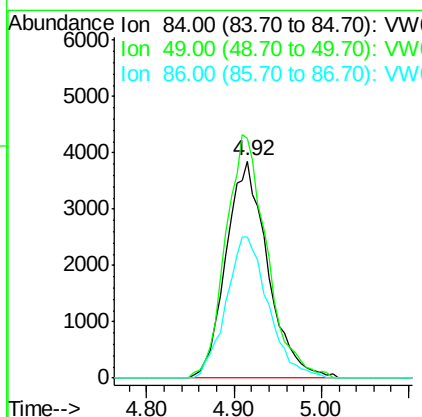
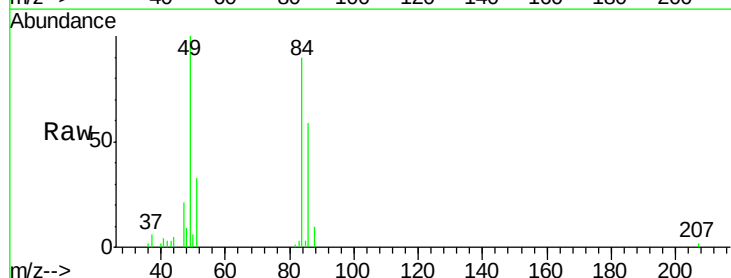
Manual Integrations
APPROVED

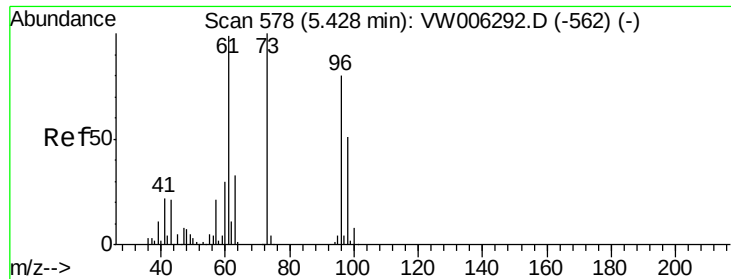
MMDadoda
10/24/2018 2:07:16 PM



#16
Methylene chloride
Concen: 2.423 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Tgt Ion: 84 Resp: 12734
Ion Ratio Lower Upper
84 100
49 110.9 83.5 155.1
86 65.1 44.9 83.5





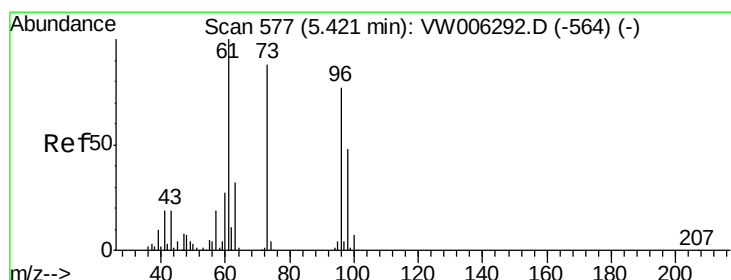
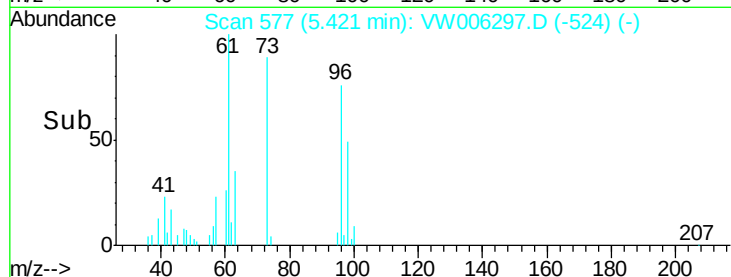
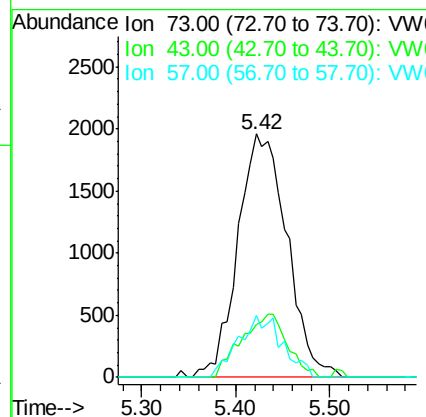
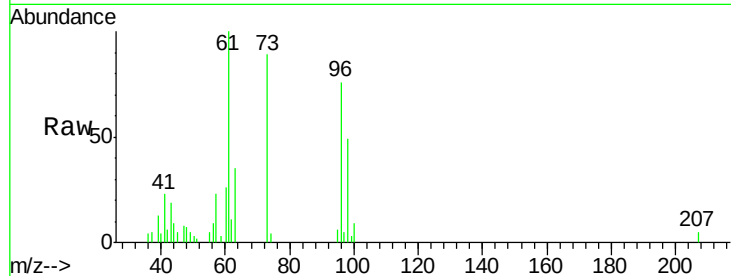
#17
Methyl tert-butyl Ether
Concen: 0.939 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Instrument :
MSVOA_W
ClientSampled :
MDL

Tgt Ion	Ratio	Lower	Upper
73	100		
43	0.9	17.0	25.4#
57	12.8	17.1	25.7#

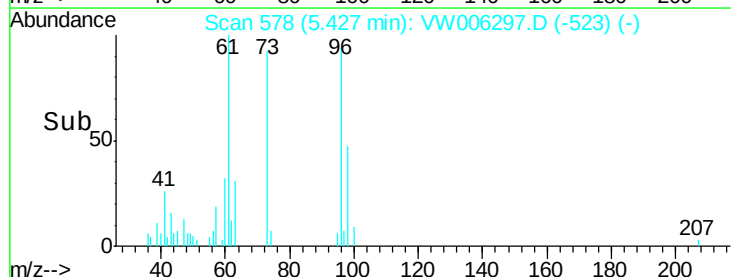
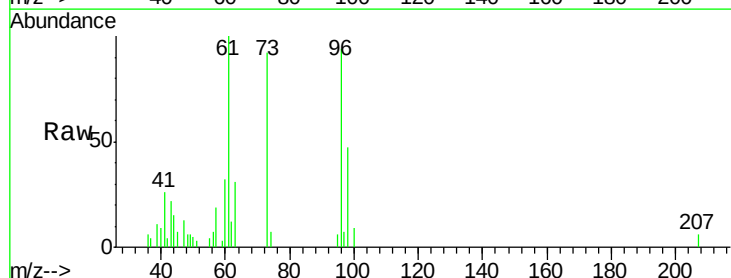
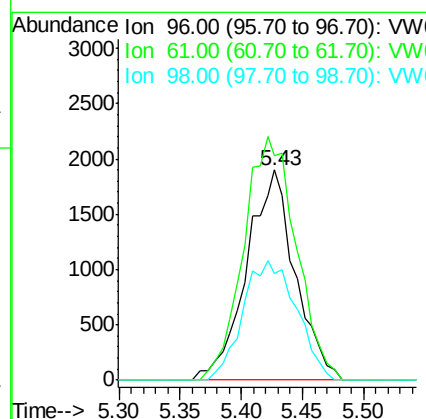
Manual Integrations
APPROVED

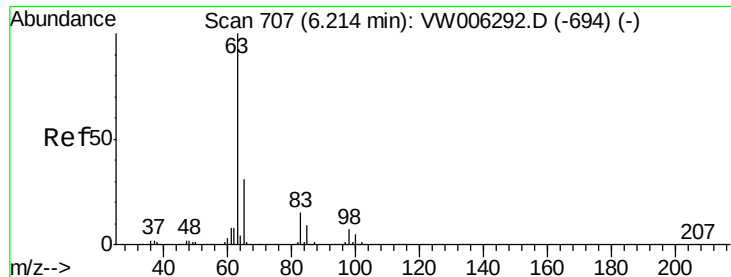
MMDadoda
10/24/2018 2:07:16 PM



#18
trans-1,2-Dichloroethene
Concen: 1.014 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	106.8	89.0	165.2
98	50.7	42.4	78.6





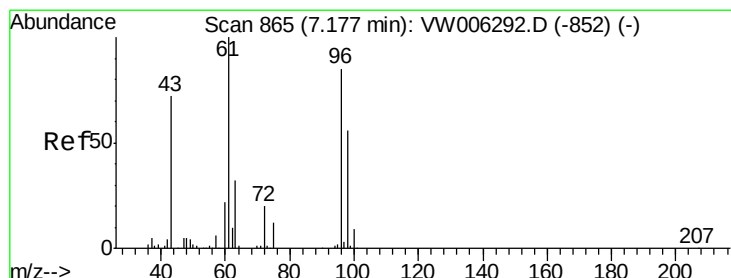
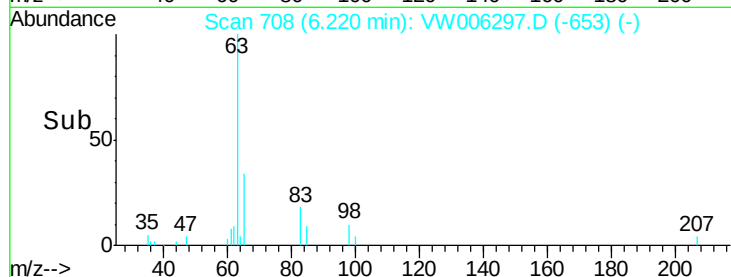
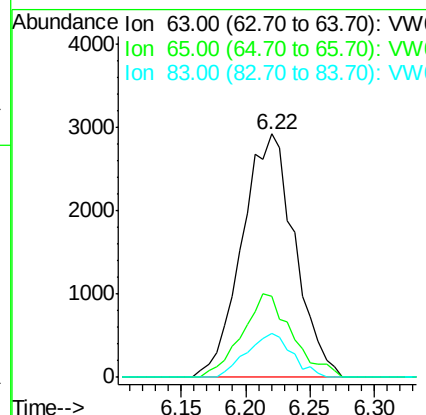
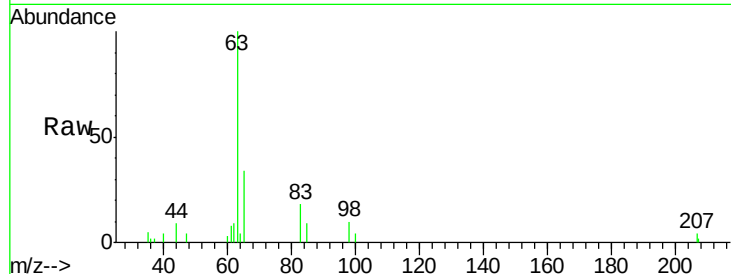
#19
 1,1-Dichloroethane
 Concen: 0.990 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Tgt Ion	Ratio	Resp Lower	Upper
63	100		
65	33.5	22.3	41.5
83	18.2	9.7	18.1

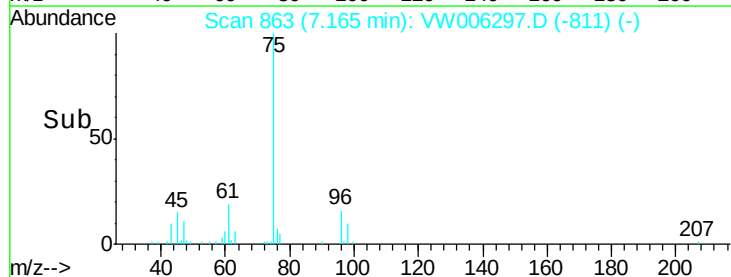
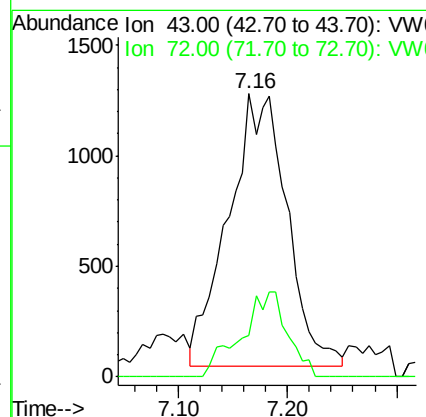
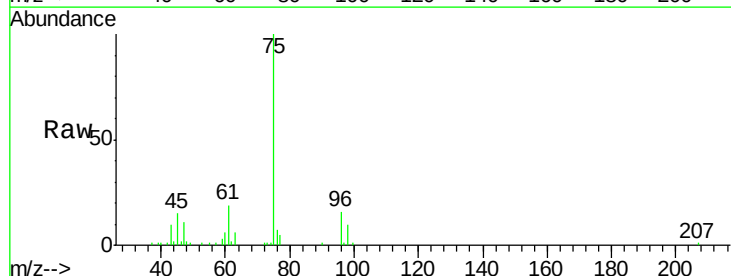
Manual Integrations
 APPROVED

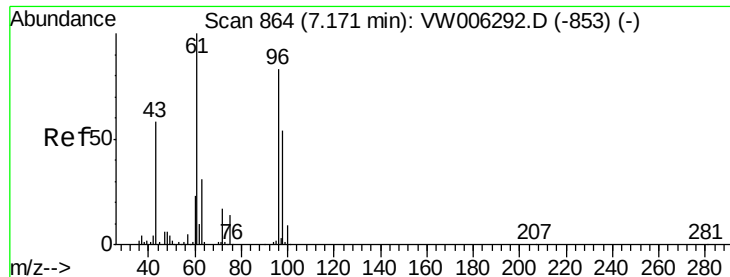
MMDadoda
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#21
 2-Butanone
 Concen: 2.245 ug/L m
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
72	11.7	13.8	41.4





#22

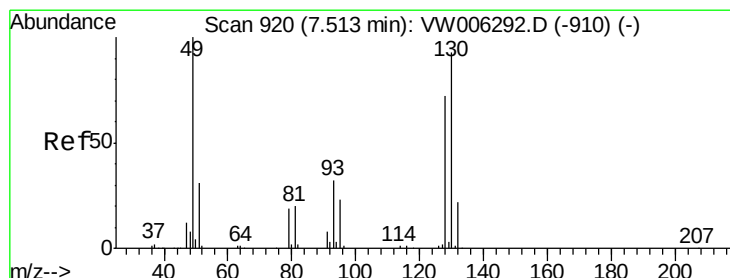
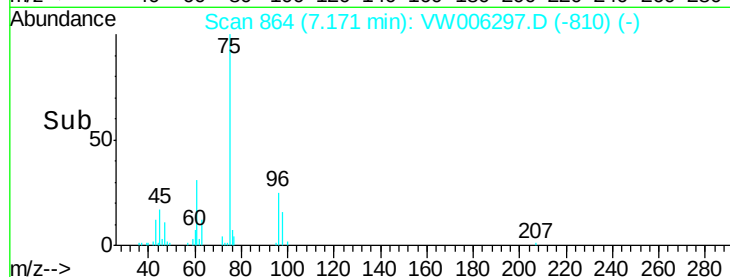
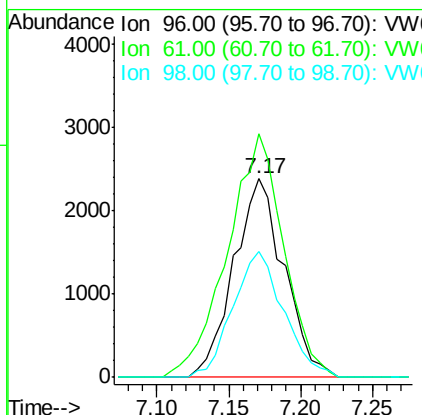
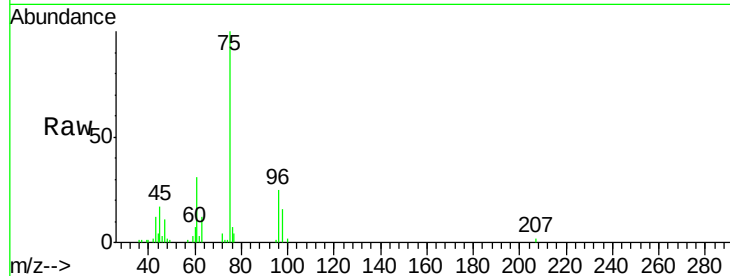
cis-1,2-Dichloroethene
 Concen: 1.026 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Tgt Ion:	96	Resp:	5792
Ion	Ratio	Lower	Upper
96	100		
61	122.6	85.1	158.1
98	63.0	46.3	86.1

Manual Integrations
 APPROVED

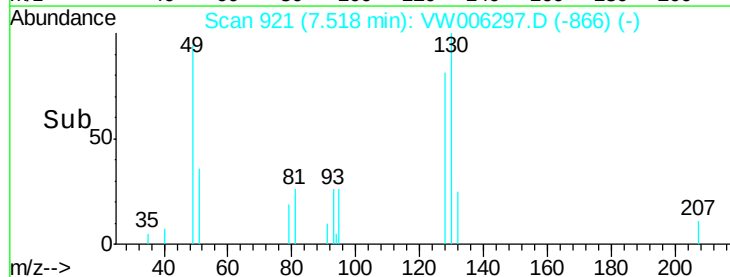
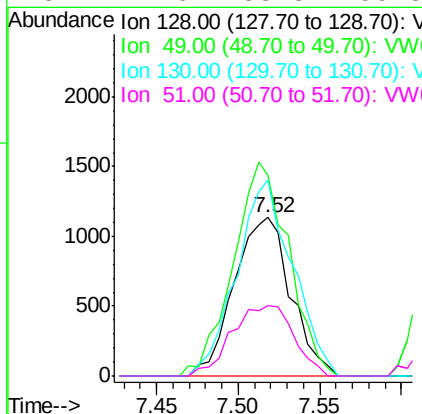
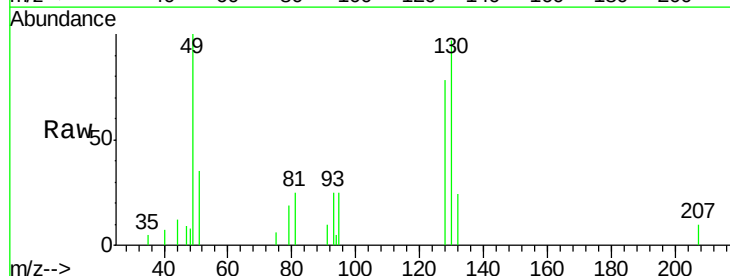
MMDadoda
 10/24/2018 2:07:16 PM

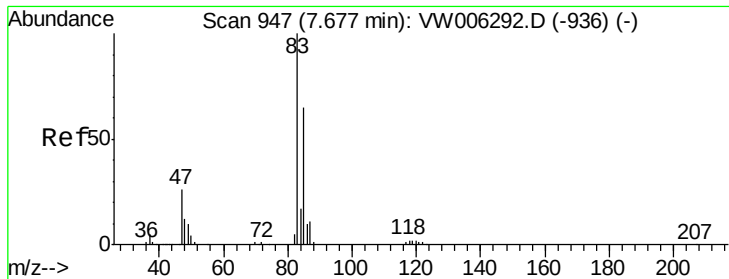


#23

Bromochloromethane
 Concen: 1.036 ug/L
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Tgt Ion:	128	Resp:	2750
Ion	Ratio	Lower	Upper
128	100		
49	127.4	95.2	176.8
130	124.0	86.3	160.3
51	44.6	33.8	50.8





#25

Chloroform

Concen: 1.104 ug/L

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

MDL

Tgt Ion: 83 Resp: 9945

Ion Ratio Lower Upper

83 100

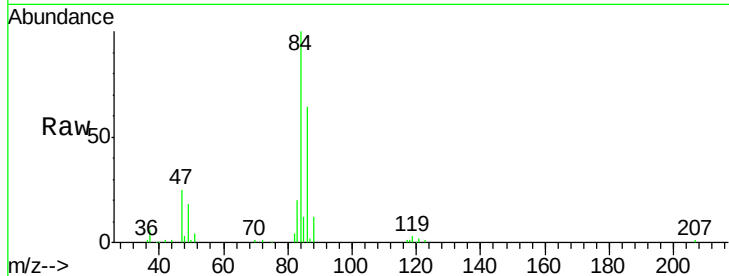
85 84.7 46.3 85.9

Manual Integrations

APPROVED

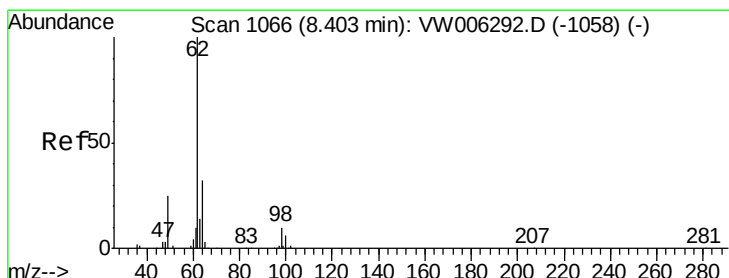
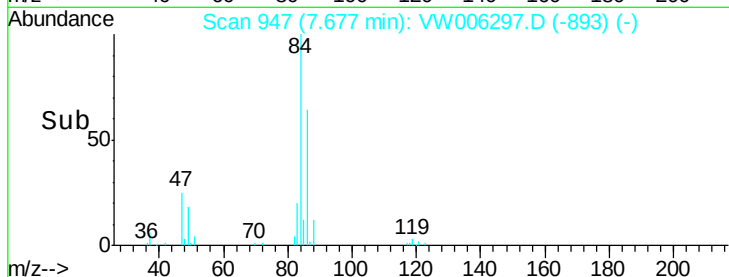
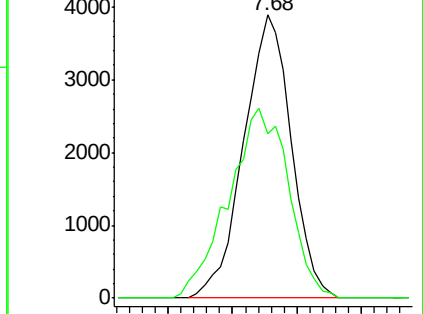
MMDadoda

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Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#27

1,2-Dichloroethane

Concen: 1.072 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006297.D

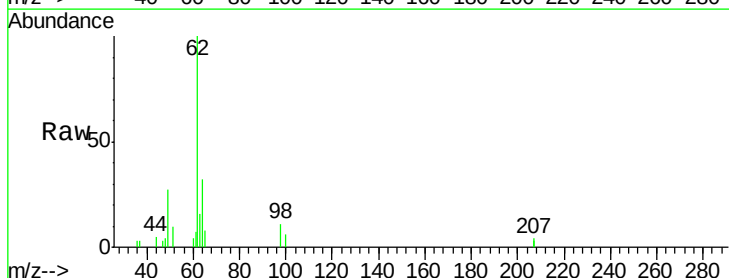
Acq: 23 Oct 2018 15:33

Tgt Ion: 62 Resp: 6583

Ion Ratio Lower Upper

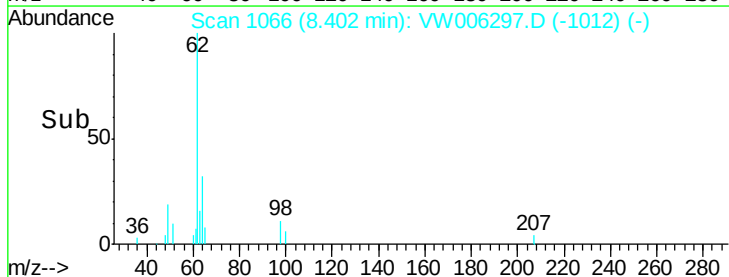
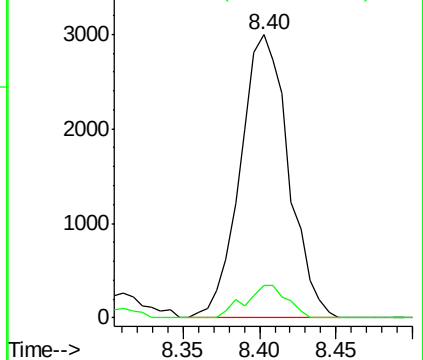
62 100

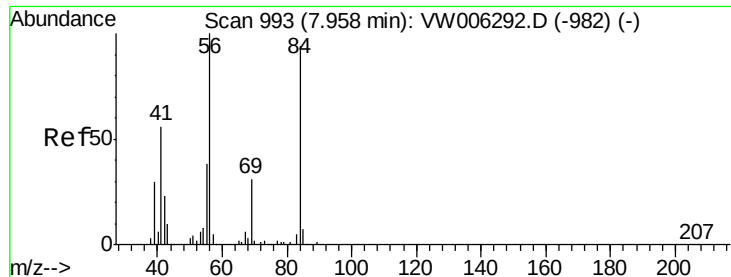
98 11.4 8.0 12.0



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW





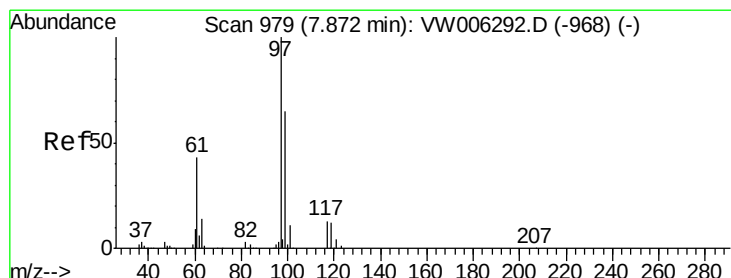
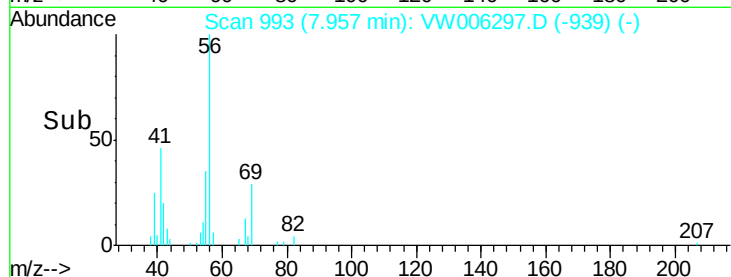
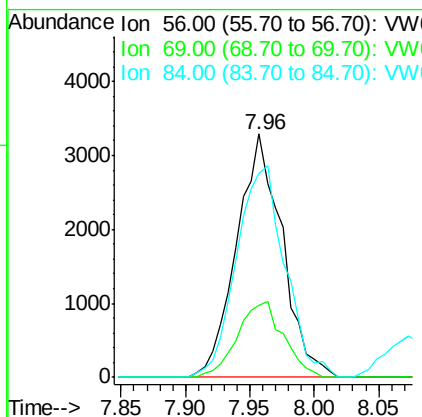
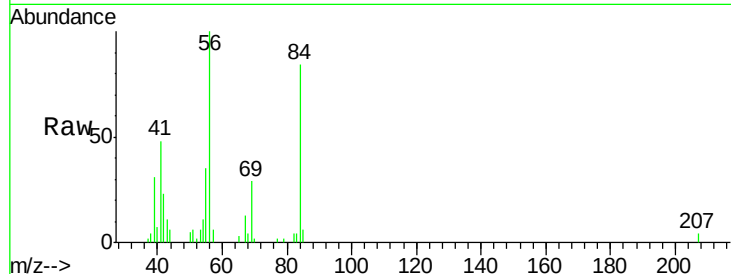
#30
Cyclohexane
Concen: 0.944 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.4	38.0
84	92.9	73.9	110.9

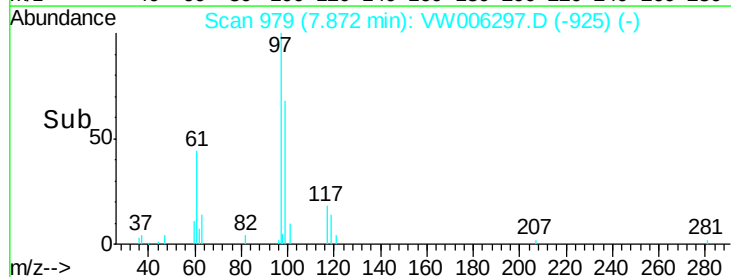
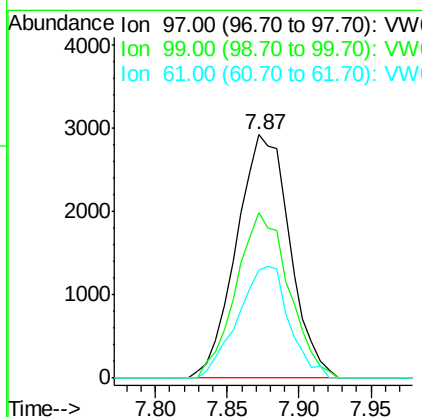
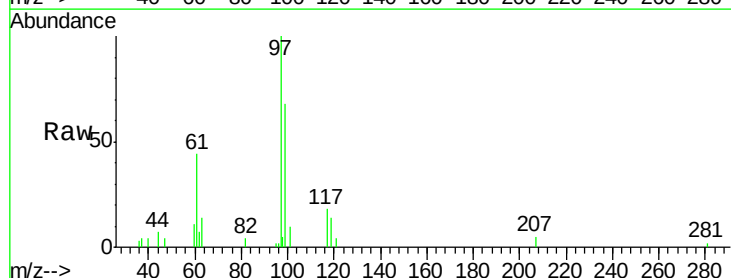
Manual Integrations
APPROVED

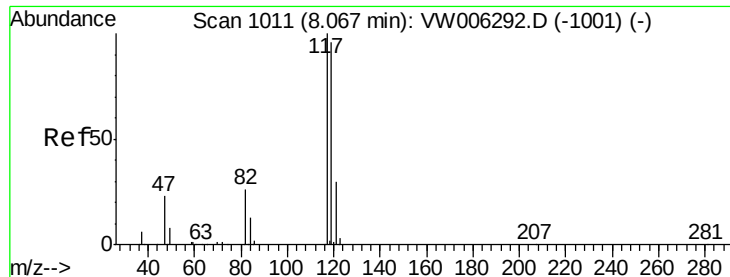
MMDadoda
10/24/2018 2:07:16 PM



#31
1,1,1-Trichloroethane
Concen: 0.925 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.2	51.0	76.4
61	43.9	33.6	50.4





#32

Carbon tetrachloride

Concen: 0.918 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

MDL

Tgt Ion:117 Resp: 7309

Ion Ratio Lower Upper

117 100

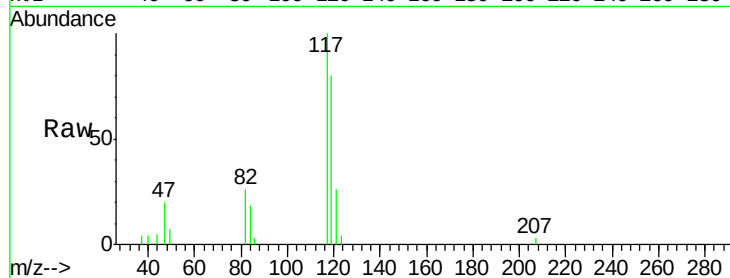
119 92.1 76.9 115.3

Manual Integrations

APPROVED

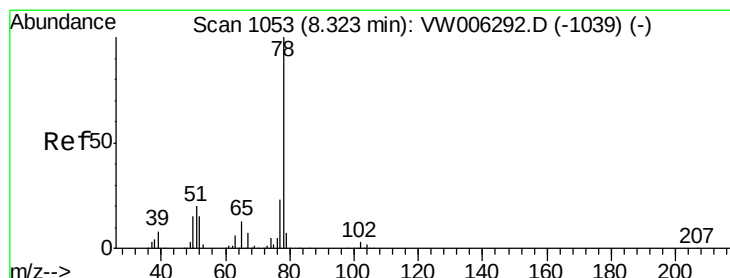
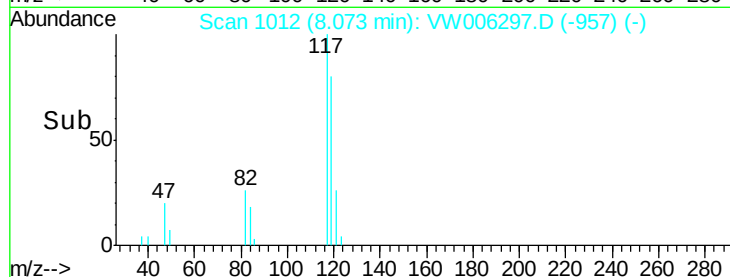
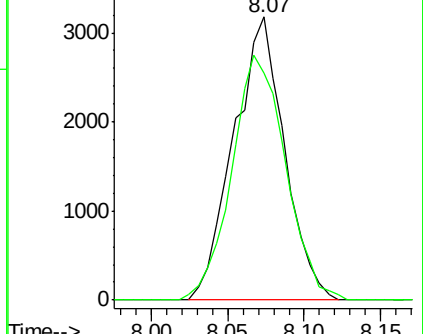
MMDadoda

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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: 0.998 ug/L

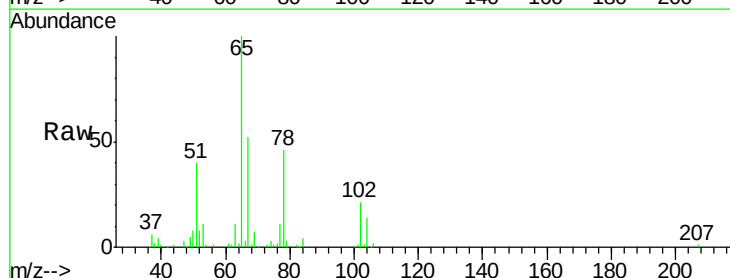
RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Tgt Ion: 78 Resp: 19869



Abundance Ion 78.00 (77.70 to 78.70): VW

10000

8000

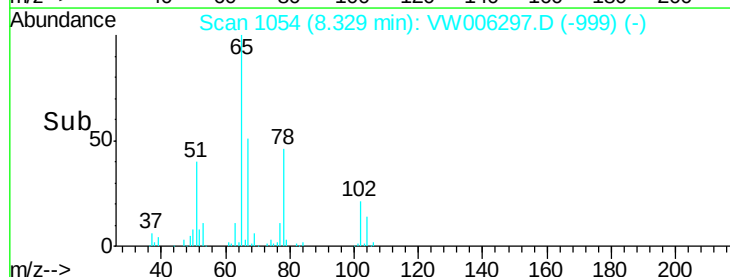
6000

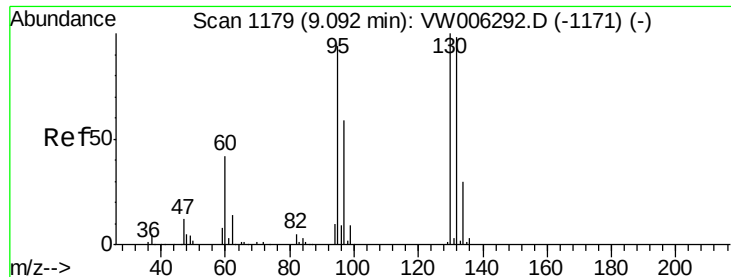
4000

2000

0

Time-->





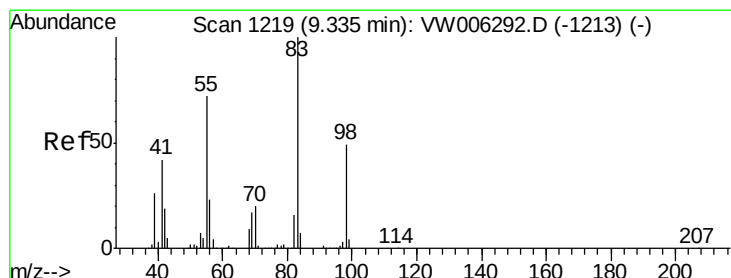
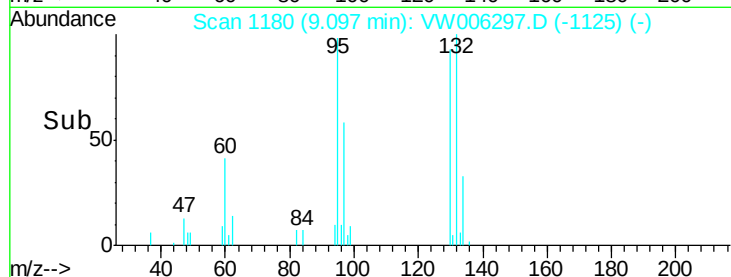
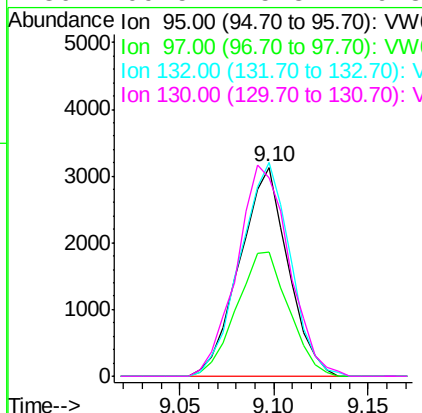
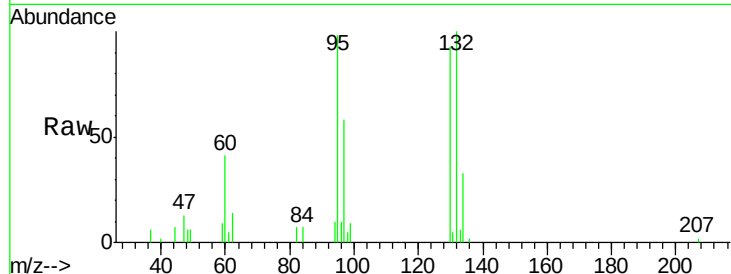
#35
 Trichloroethene
 Concen: 0.996 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Instrument :
 MSVOA_W
 ClientSampled :
 MDL

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	5580		
97	64.0		45.8	85.0
132	105.5		72.9	135.3
130	109.5		75.8	140.8

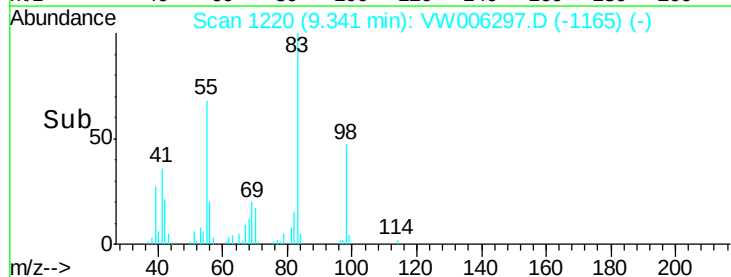
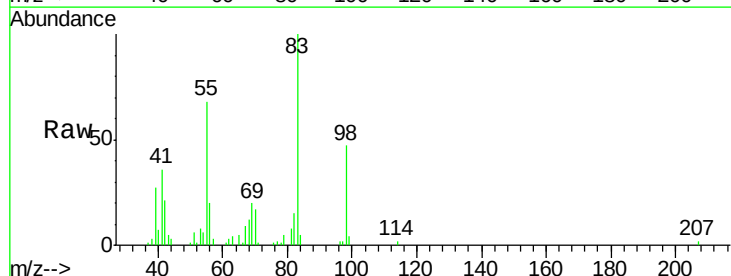
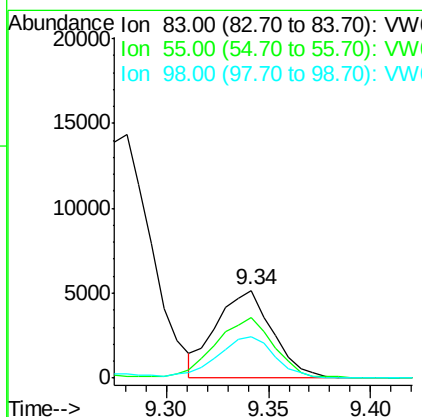
Manual Integrations
 APPROVED

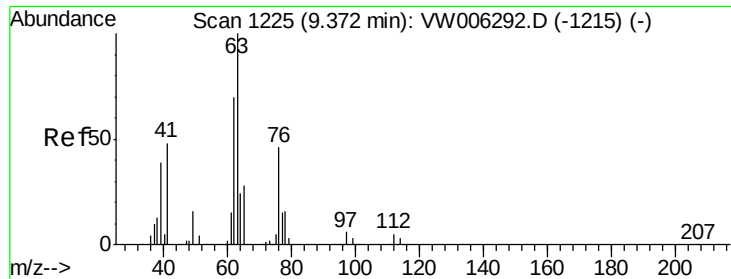
MMDadoda
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#36
 Methylcyclohexane
 Concen: 0.962 ug/L
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	9877		
55	71.6		57.1	85.7
98	48.3		38.9	58.3





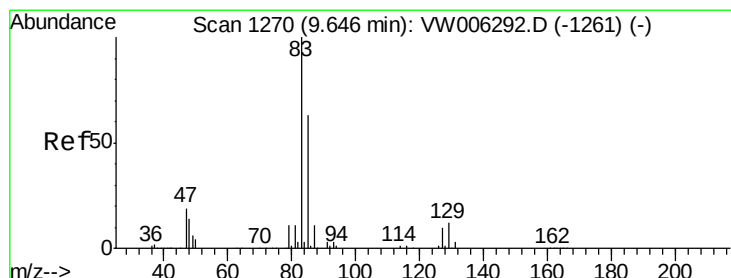
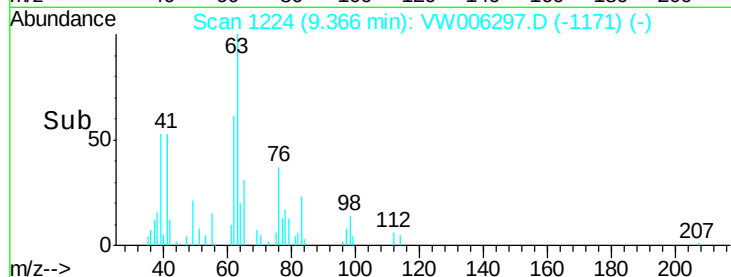
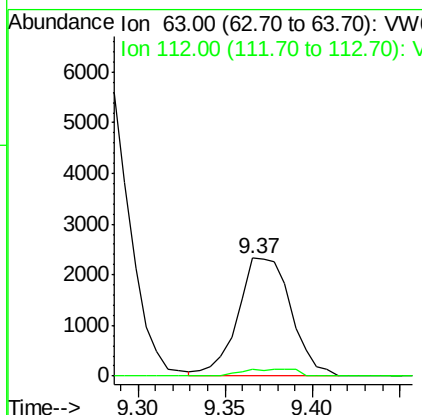
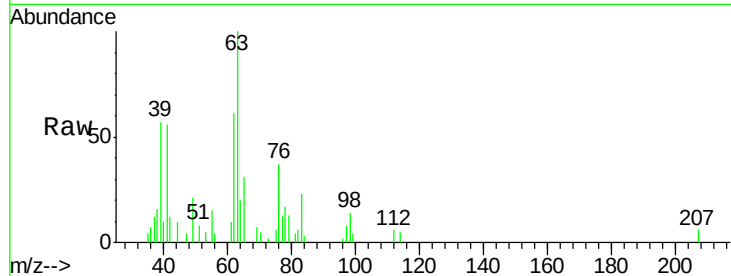
#40
 1,2-Dichloropropane
 Concen: 0.997 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Tgt Ion: 63 Resp: 4926
 Ion Ratio Lower Upper
 63 100
 112 3.1 3.5 5.3#

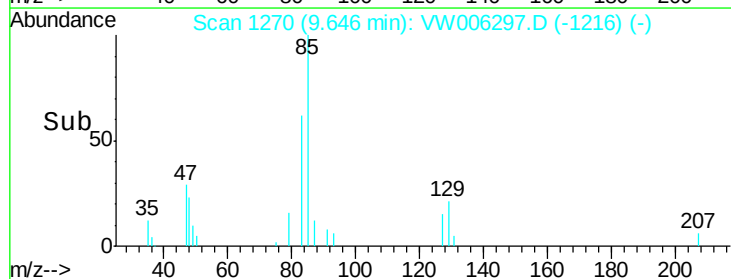
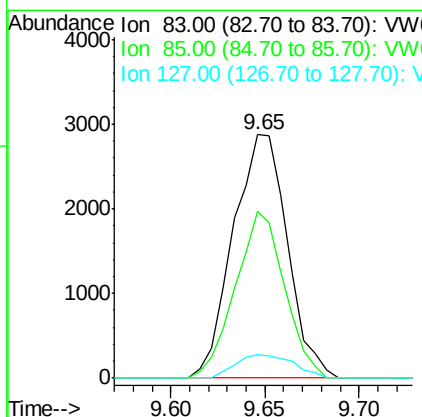
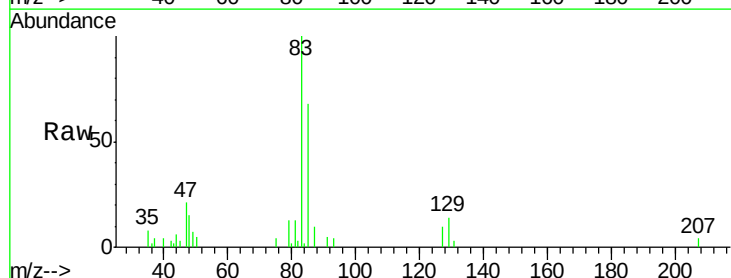
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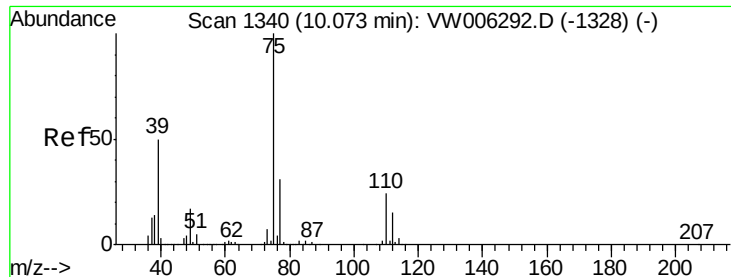
MMDadoda
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#41
 Bromodichloromethane
 Concen: 0.859 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Tgt Ion: 83 Resp: 5731
 Ion Ratio Lower Upper
 83 100
 85 68.4 45.5 84.5
 127 9.5 7.4 11.2





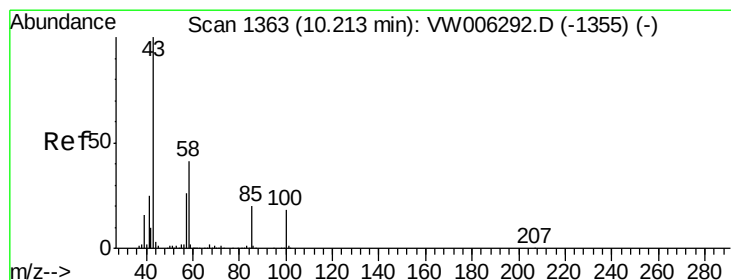
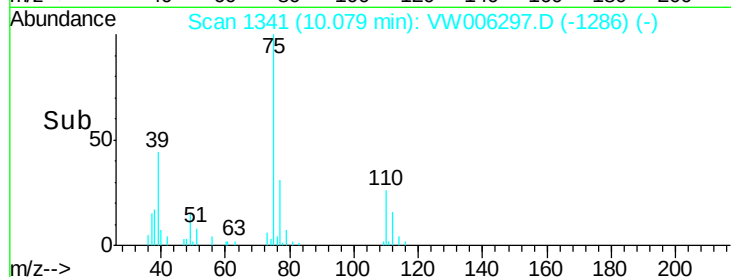
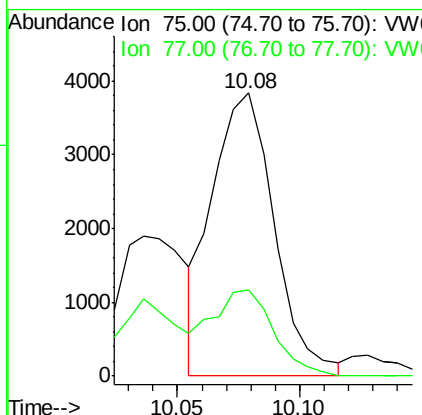
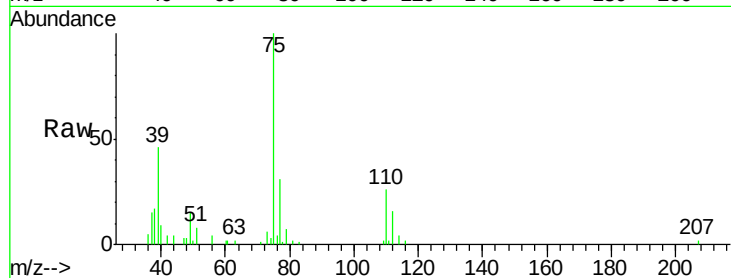
#42
 cis-1,3-Dichloropropene
 Concen: 0.840 ug/L
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleID :
 MDL

Tgt Ion: 75 Resp: 6779
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.6 42.0

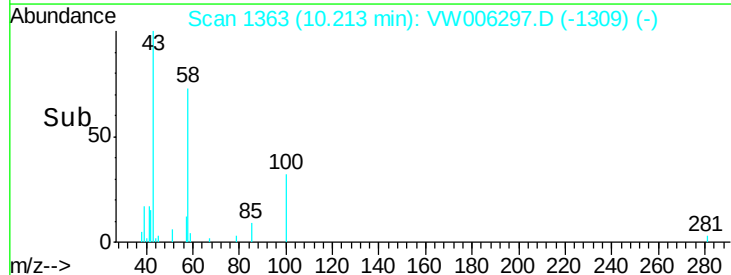
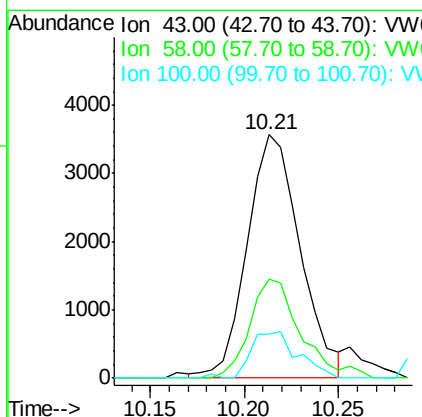
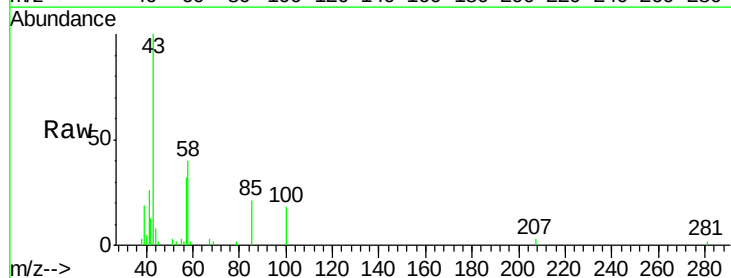
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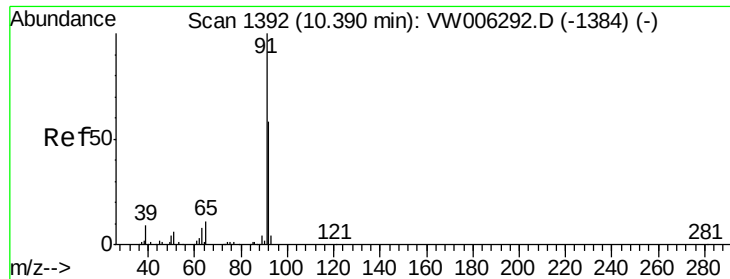
MMDadoda
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#43
 4-Methyl-2-pentanone
 Concen: 1.756 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Tgt Ion: 43 Resp: 6953
 Ion Ratio Lower Upper
 43 100
 58 37.6 31.4 47.2
 100 16.6 13.3 19.9





#44

Toluene

Concen: 1.048 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

MDL

Tgt Ion: 91 Resp: 23440

Ion Ratio Lower Upper

91 100

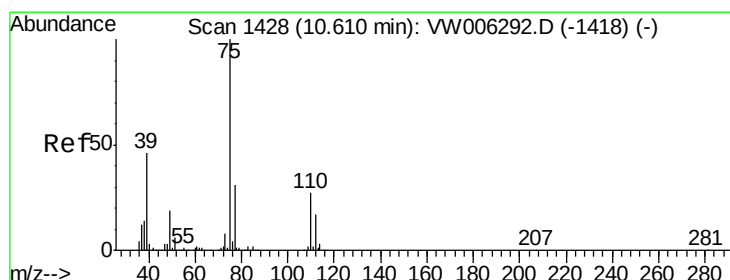
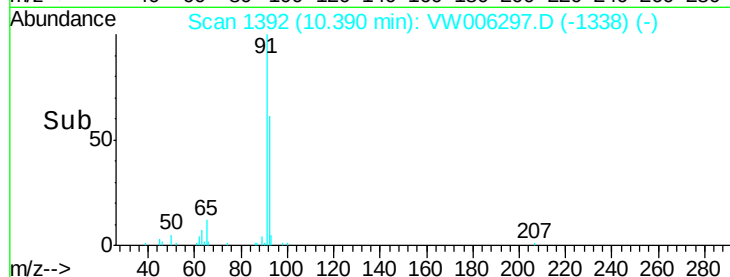
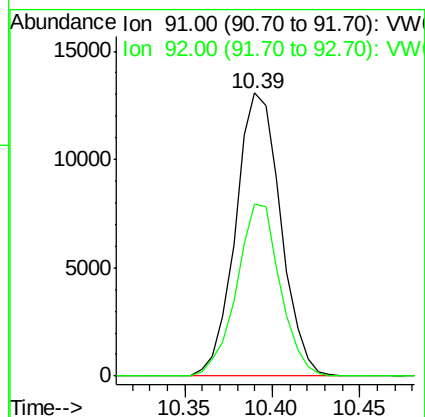
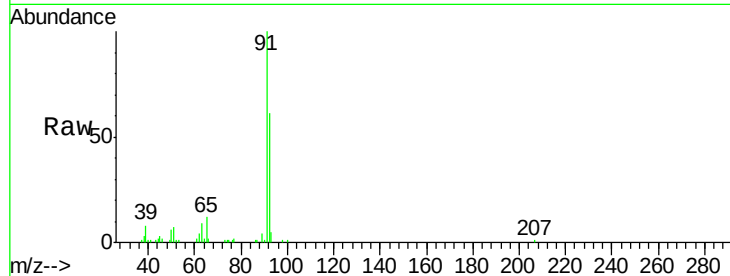
92 61.0 40.4 75.0

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#45

trans-1,3-Dichloropropene

Concen: 1.214 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006297.D

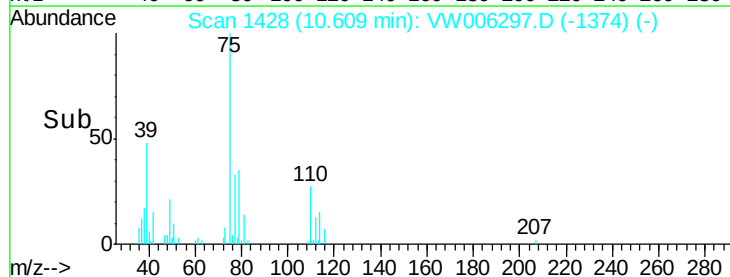
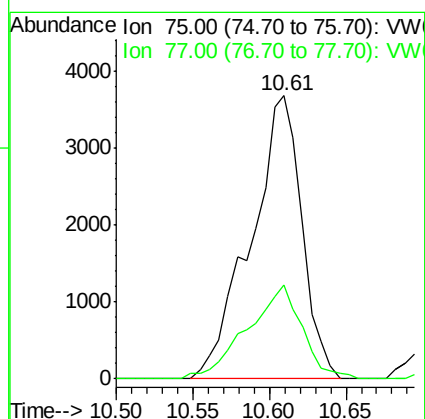
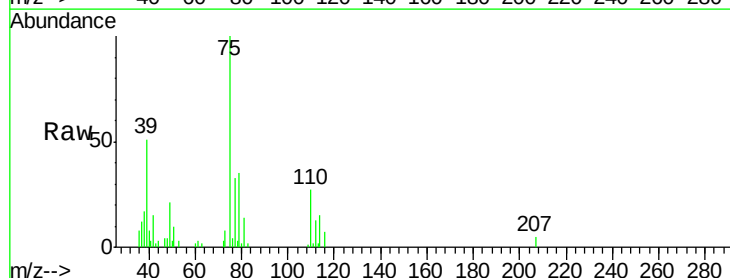
Acq: 23 Oct 2018 15:33

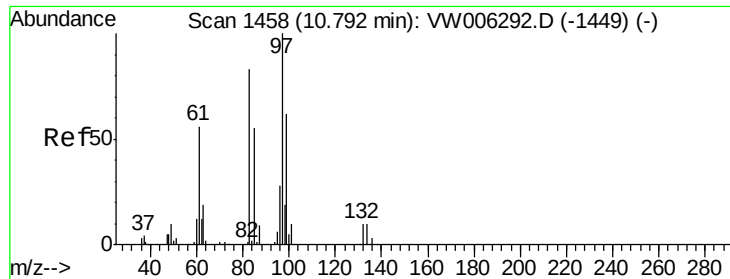
Tgt Ion: 75 Resp: 8555

Ion Ratio Lower Upper

75 100

77 33.2 22.4 41.6





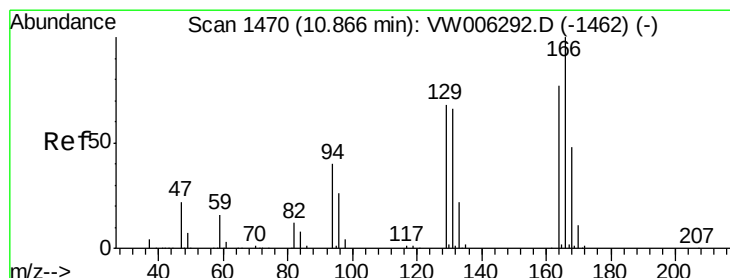
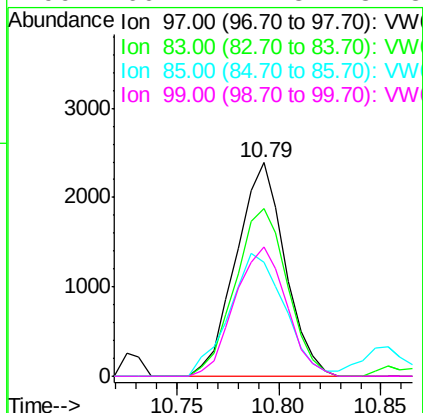
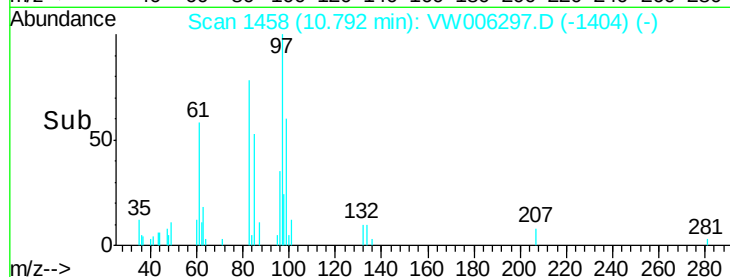
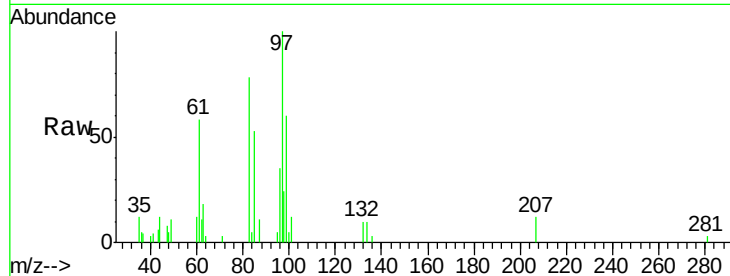
#46
 1,1,2-Trichloroethane
 Concen: 0.967 ug/L
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Instrument :
 MSVOA_W
 ClientSampled :
 MDL

Tgt Ion:	97	Resp:	3978
Ion	Ratio	Lower	Upper
97	100		
83	78.3	60.0	111.4
85	53.4	38.7	71.9
99	60.4	44.3	82.3

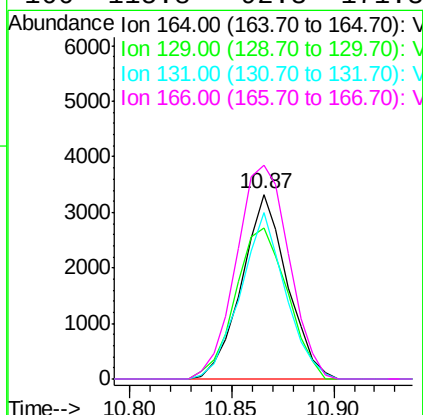
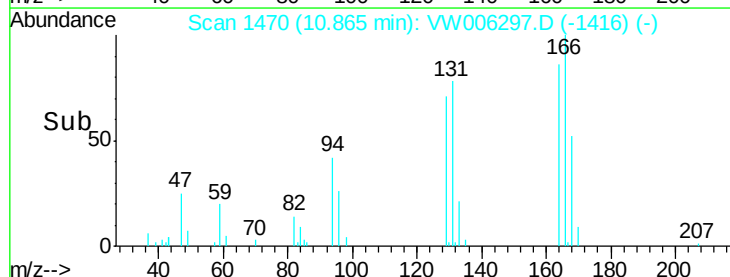
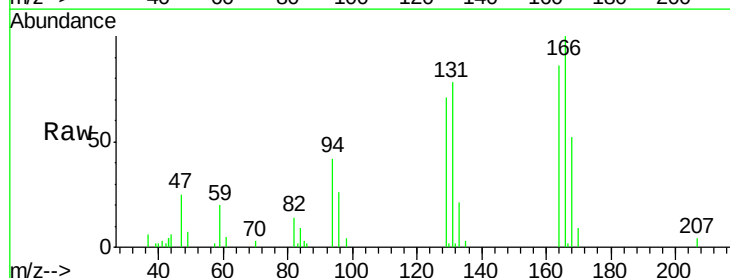
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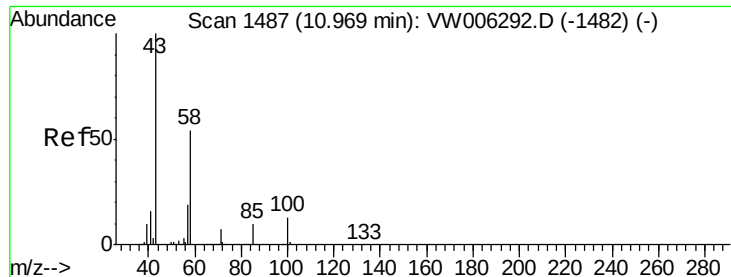
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#47
 Tetrachloroethene
 Concen: 0.998 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Tgt Ion:	164	Resp:	5179
Ion	Ratio	Lower	Upper
164	100		
129	81.7	65.4	121.4
131	89.9	63.8	118.4
166	115.8	92.3	171.3





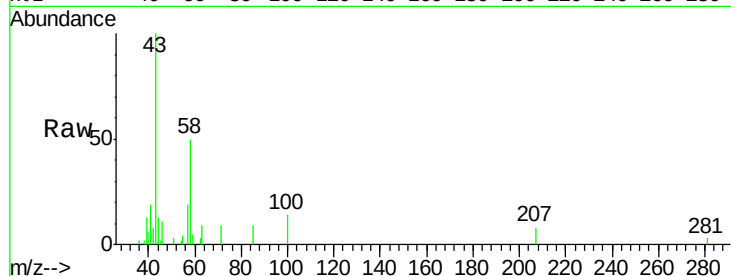
#49
2-Hexanone
Concen: 1.578 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Instrument :
MSVOA_W
ClientSampled :
MDL

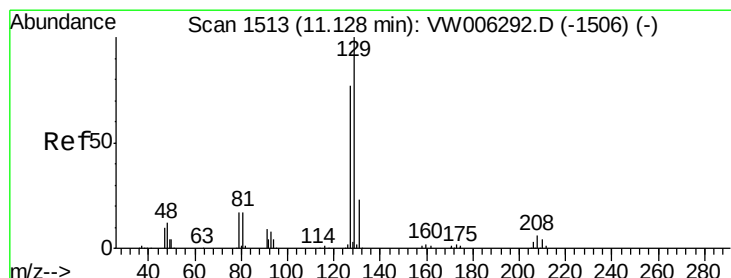
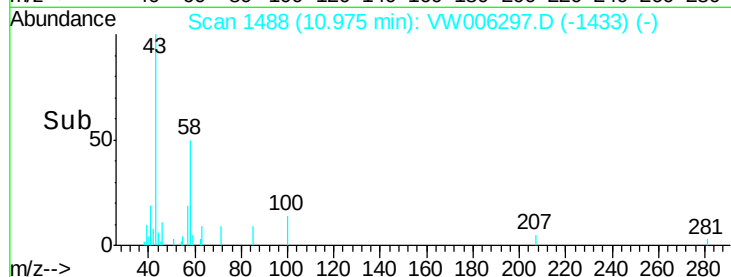
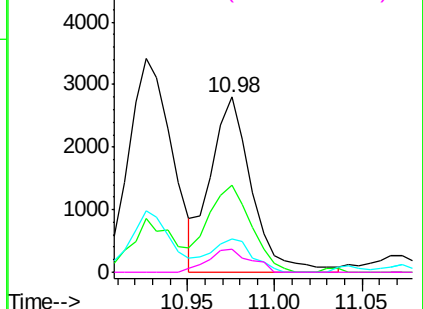
Tgt Ion: 43 Resp: 4604
Ion Ratio Lower Upper
43 100
58 51.9 42.1 63.1
57 19.6 15.1 22.7
100 13.4 9.9 14.9

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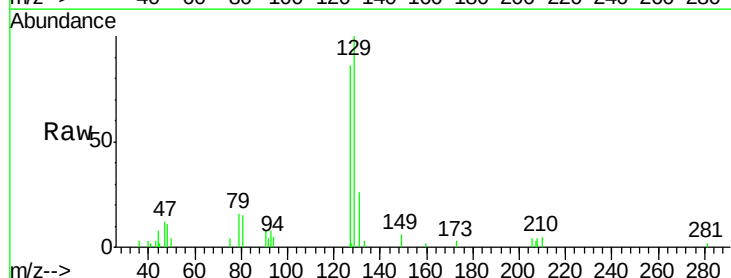


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

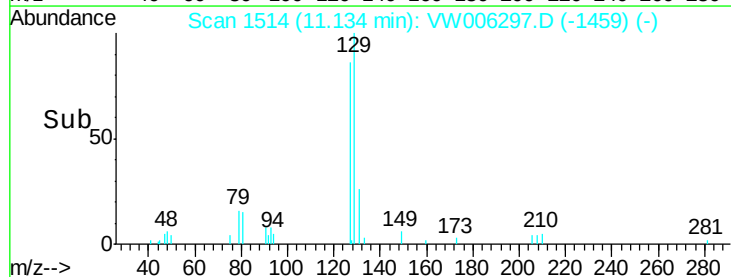
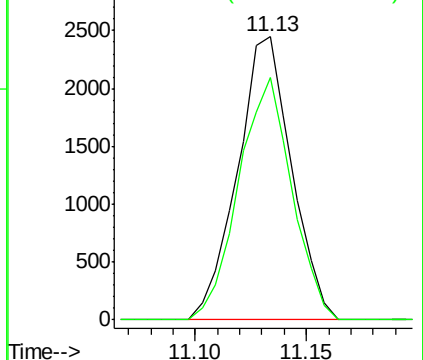


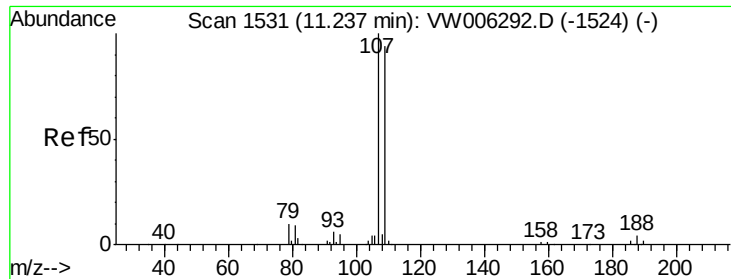
#50
Dibromochloromethane
Concen: 0.787 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Tgt Ion: 129 Resp: 4150
Ion Ratio Lower Upper
129 100
127 85.8 54.4 101.0



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





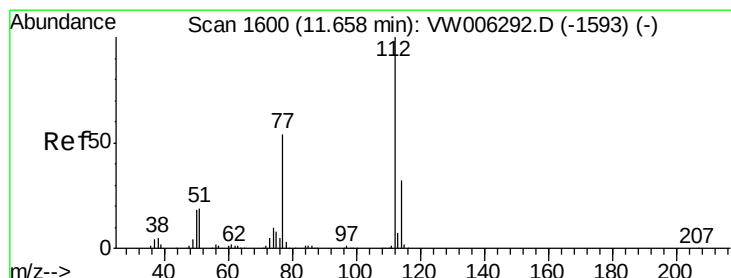
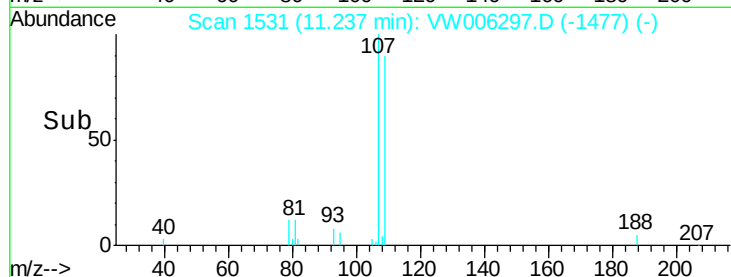
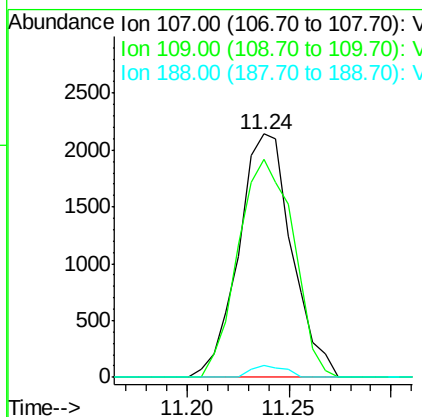
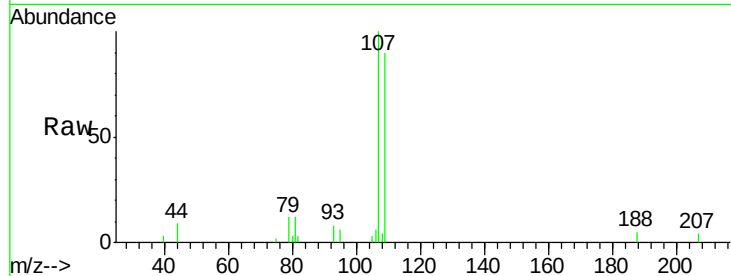
#51
1,2-Dibromoethane
Concen: 0.904 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	3872		
109	89.6	66.6	123.8	
188	5.0	3.4	5.0#	

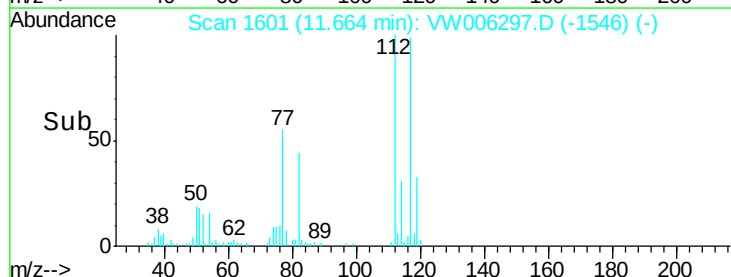
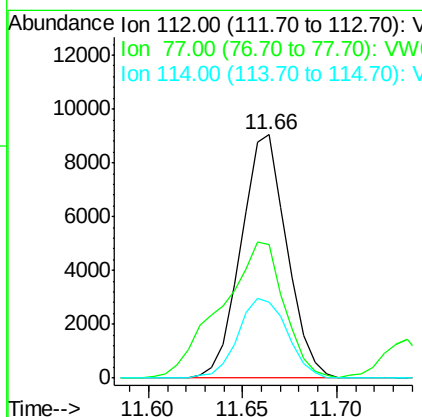
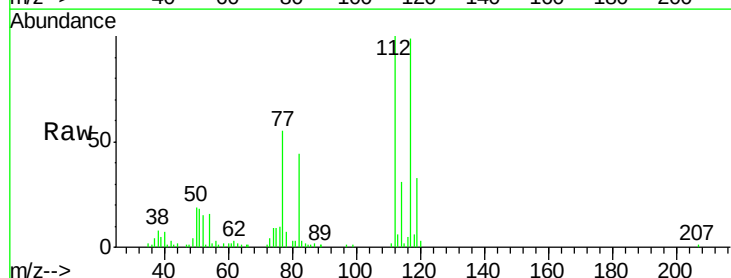
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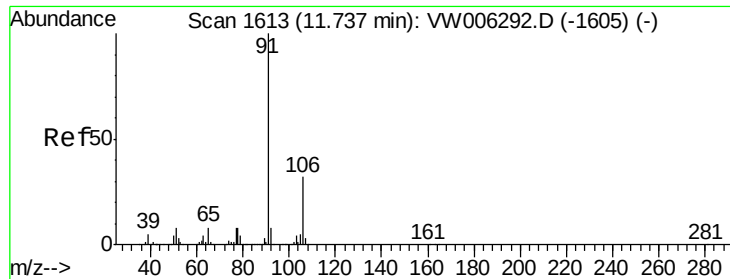
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#52
Chlorobenzene
Concen: 1.005 ug/L
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	15217		
77	54.8	44.2	66.2	
114	31.4	22.1	41.1	





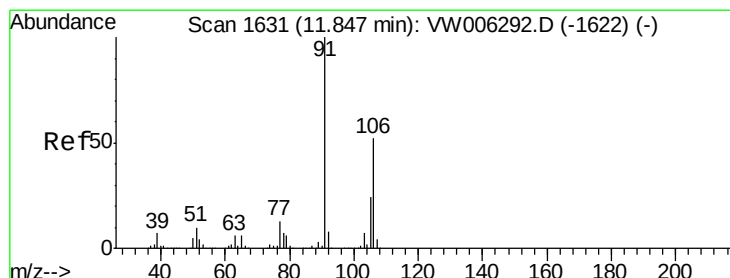
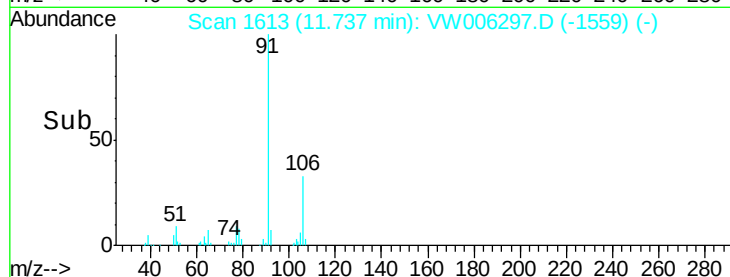
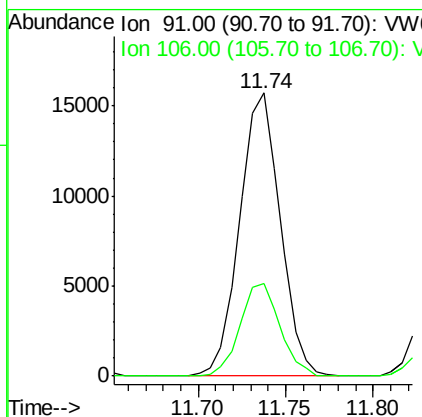
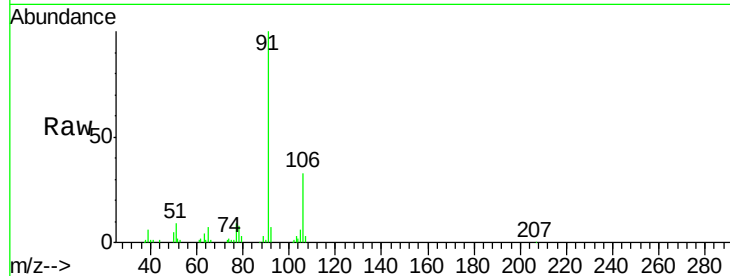
#53
Ethylbenzene
Concen: 0.974 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion: 91 Resp: 25359
Ion Ratio Lower Upper
91 100
106 32.7 22.6 42.0

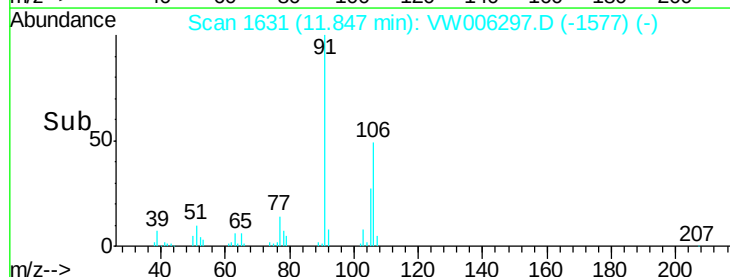
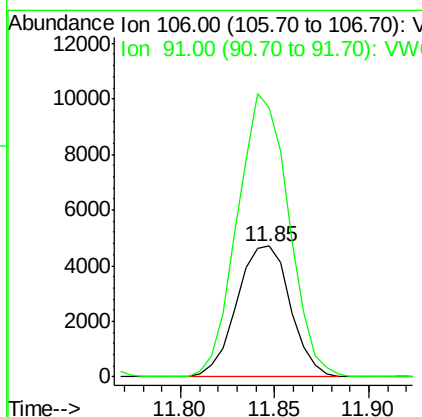
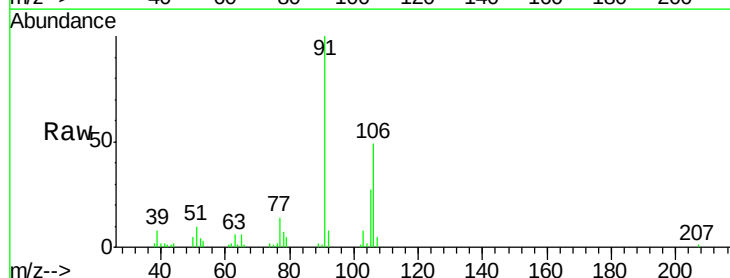
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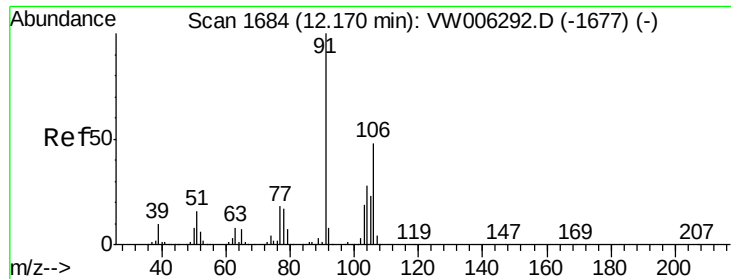
MMDadoda
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#54
m,p-Xylene
Concen: 0.905 ug/L
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Tgt Ion: 106 Resp: 9233
Ion Ratio Lower Upper
106 100
91 206.0 138.4 257.0





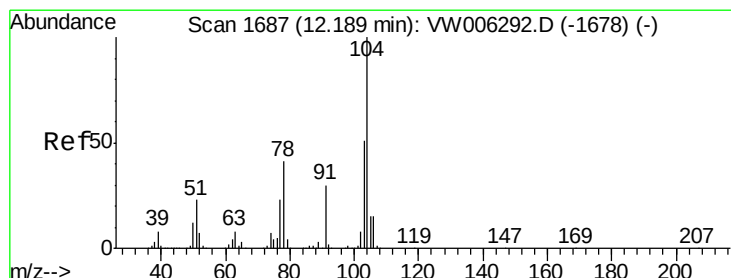
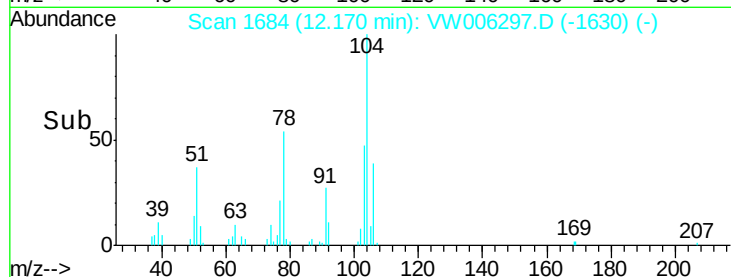
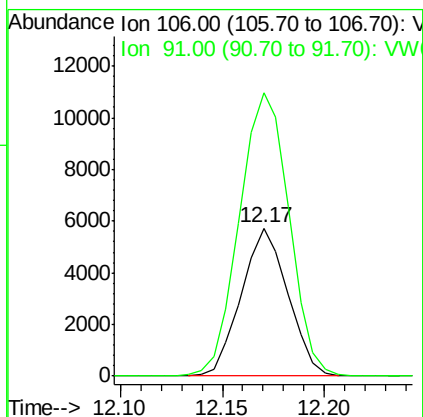
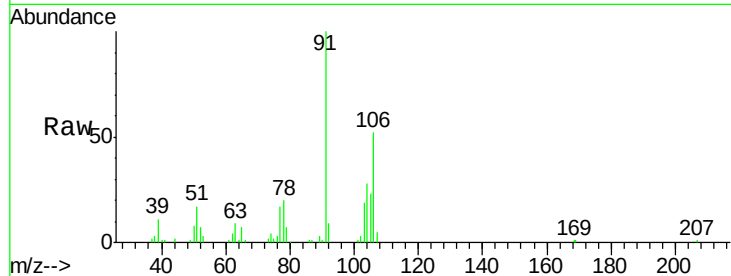
#55
o-xylene
Concen: 0.936 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion:106 Resp: 9118
Ion Ratio Lower Upper
106 100
91 191.0 148.7 276.1

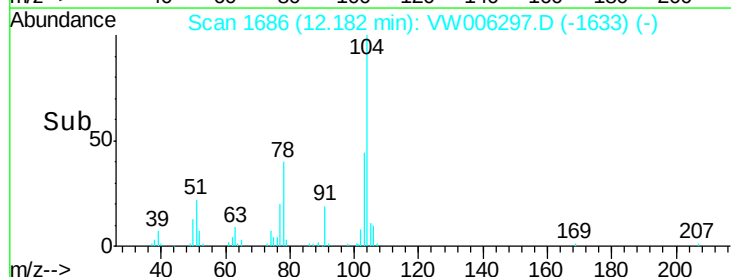
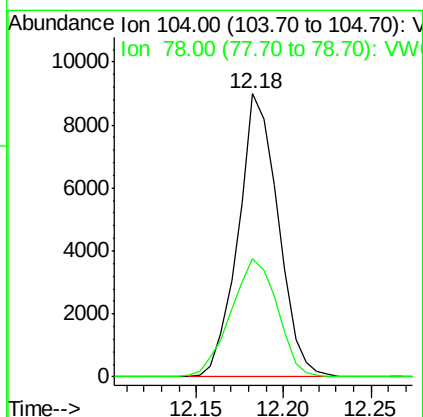
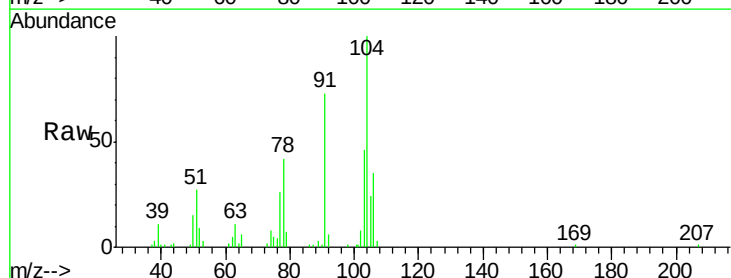
Manual Integrations
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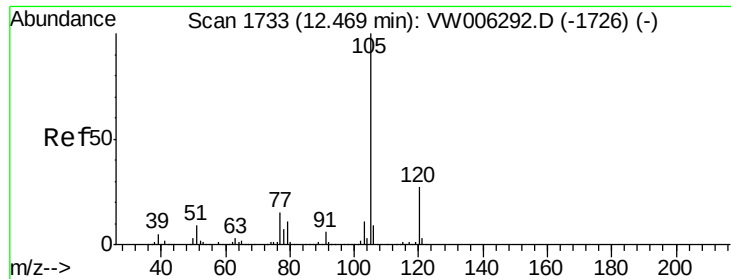
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#56
Styrene
Concen: 0.851 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Tgt Ion:104 Resp: 14281
Ion Ratio Lower Upper
104 100
78 42.0 31.2 58.0





#57

Isopropylbenzene

Concen: 0.905 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Instrument :

MSVOA_W

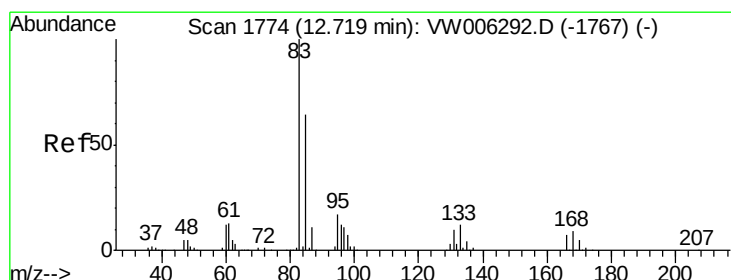
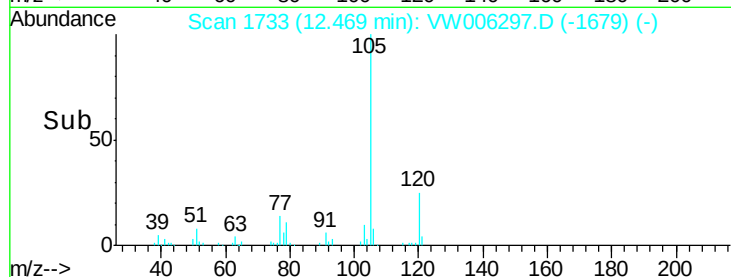
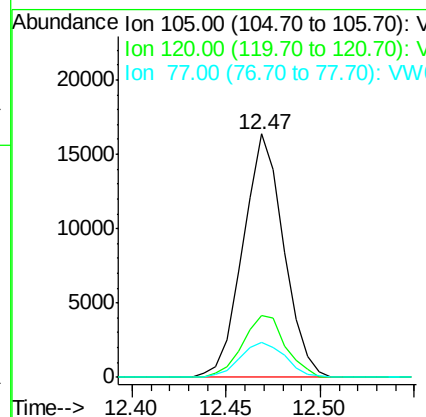
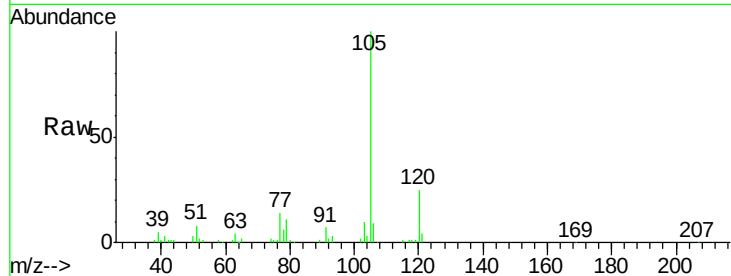
ClientSampled :

MDL

Tgt Ion:	105	Resp:	24546
Ion Ratio		Lower	Upper
105	100		
120	26.6	21.8	32.6
77	15.7	12.2	18.2

Manual Integrations
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#58

1,1,2,2-Tetrachloroethane

Concen: 1.056 ug/L

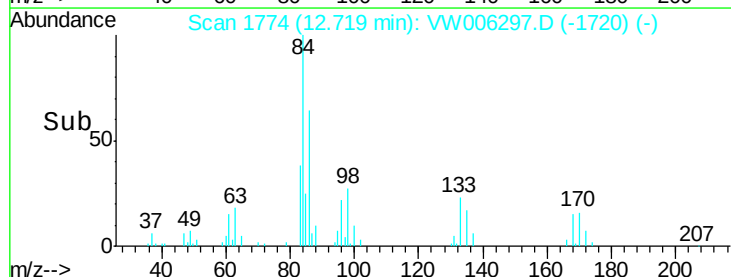
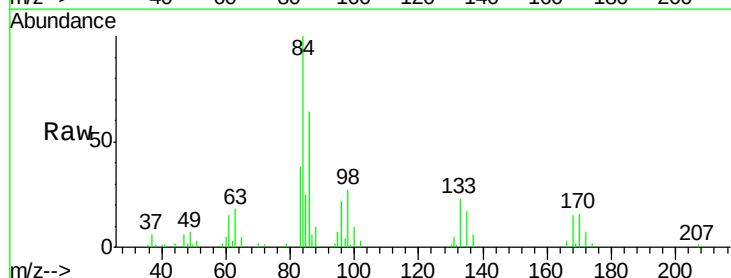
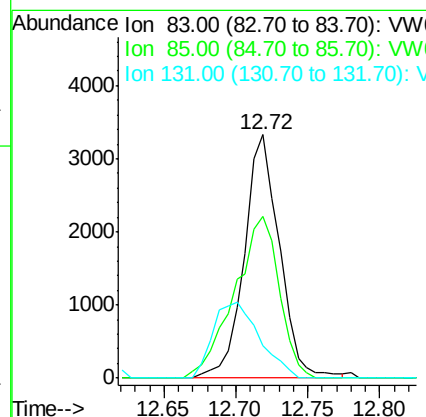
RT: 12.72 min Scan# 1774

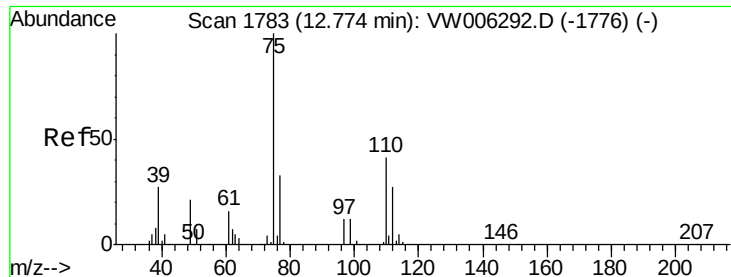
Delta R.T. -0.00 min

Lab File: VW006297.D

Acq: 23 Oct 2018 15:33

Tgt Ion:	83	Resp:	5646
Ion Ratio		Lower	Upper
83	100		
85	66.4	44.8	83.2
131	13.1	9.0	13.4





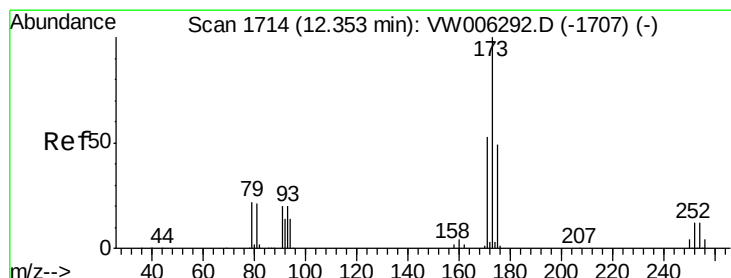
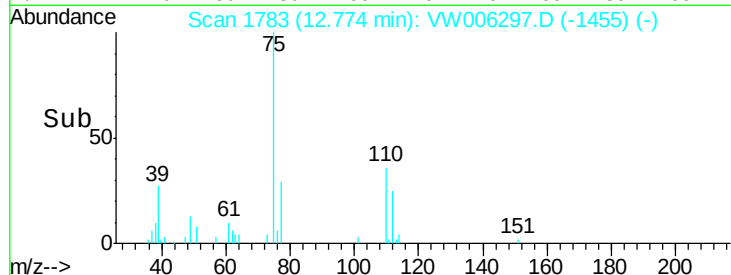
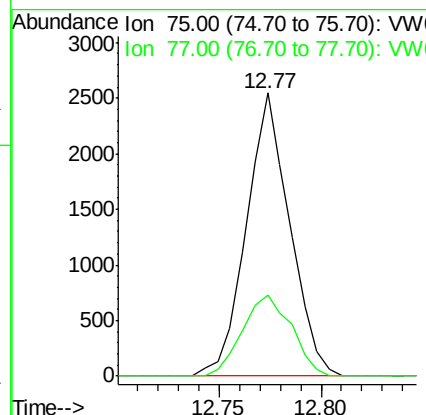
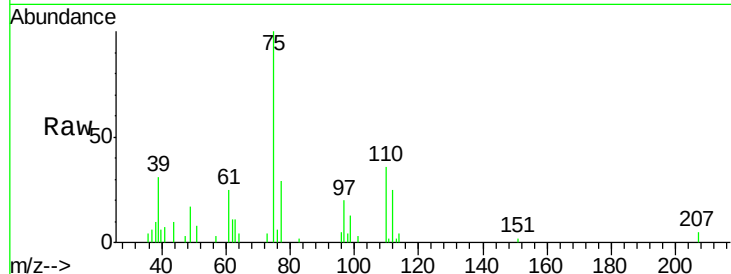
#59
 1,2,3-Trichloropropane
 Concen: 0.944 ug/L
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Instrument :
 MSVOA_W
 ClientSampled :
 MDL

Tgt Ion: 75 Resp: 3764
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.9 38.9

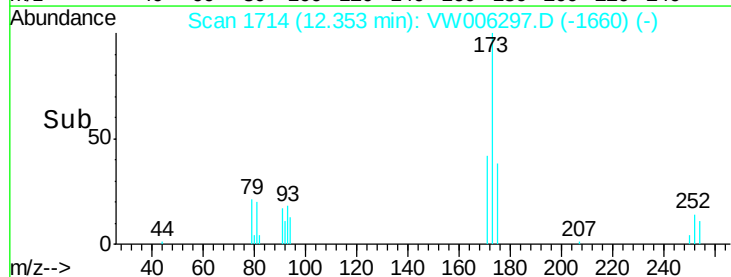
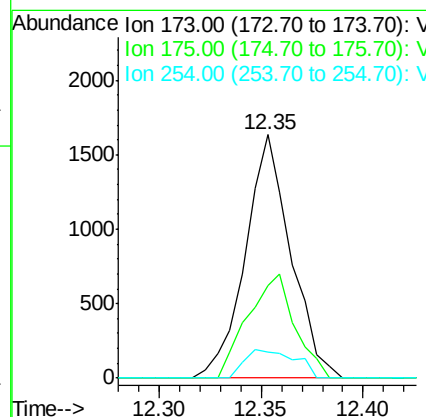
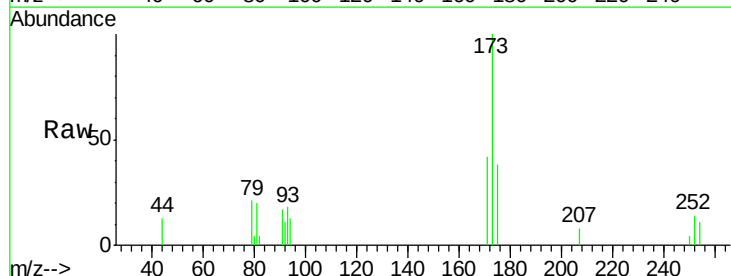
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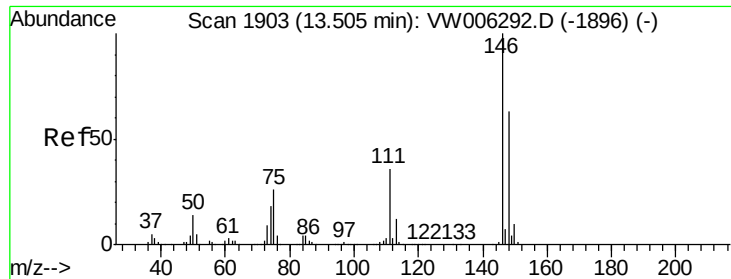
MMDadoda
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#62
 Bromoform
 Concen: 0.741 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Tgt Ion: 173 Resp: 2529
 Ion Ratio Lower Upper
 173 100
 175 44.4 39.1 58.7
 254 12.8 9.2 13.8





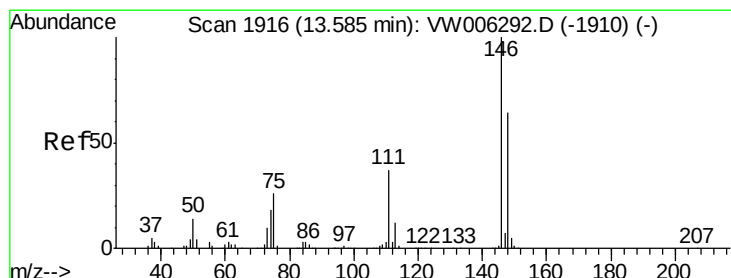
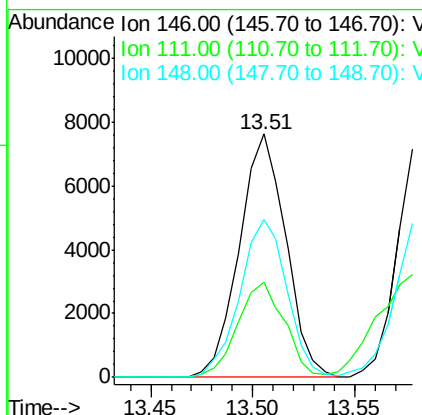
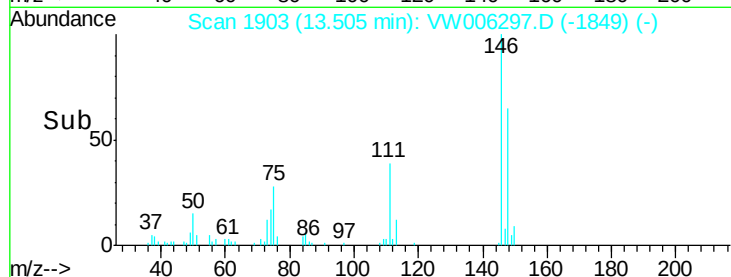
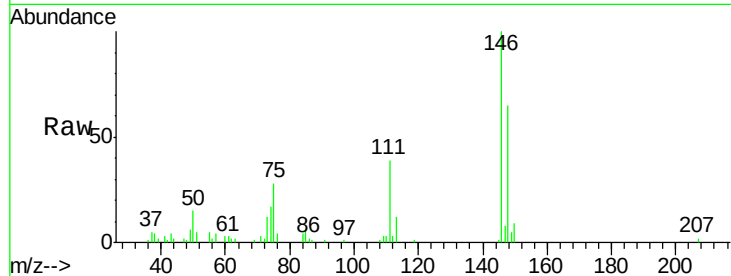
#63
 1,3-Dichlorobenzene
 Concen: 0.964 ug/L
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleID :
 MDL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	26.3	48.9
148	65.0	44.7	82.9

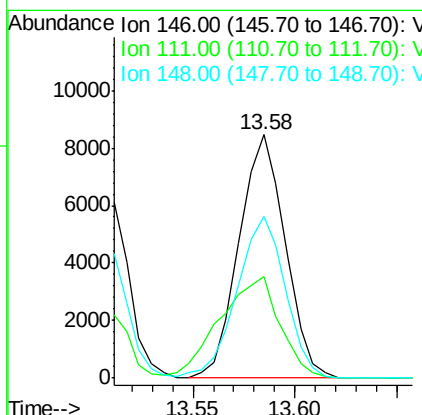
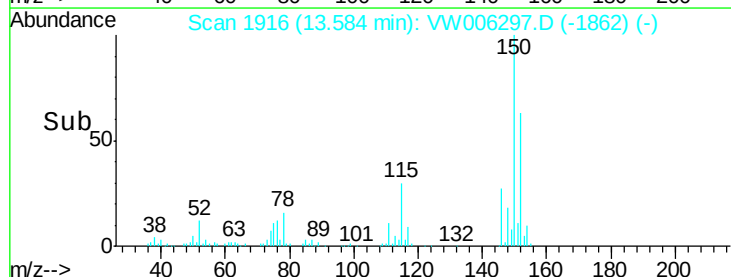
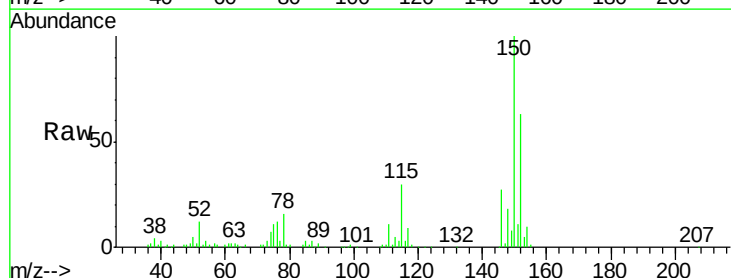
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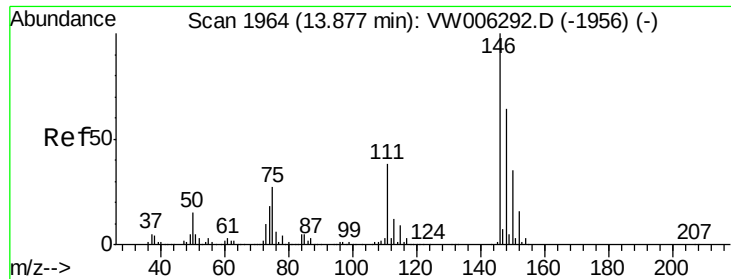
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#64
 1,4-Dichlorobenzene
 Concen: 1.055 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	24.7	45.9
148	66.5	44.9	83.5





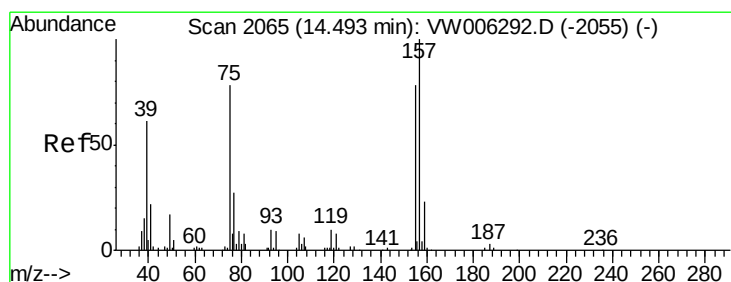
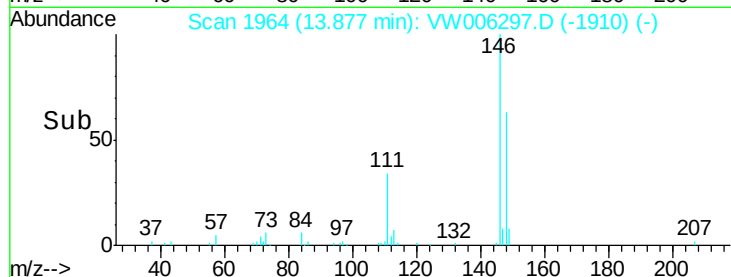
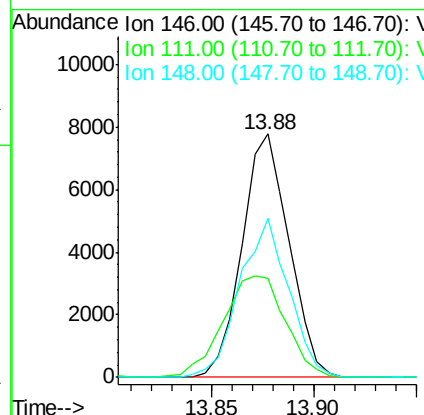
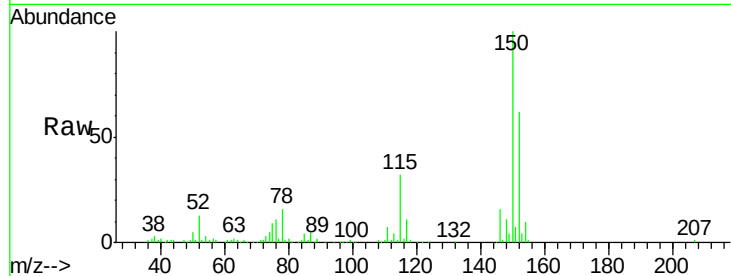
#65
 1,2-Dichlorobenzene
 Concen: 1.082 ug/L
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	31.1	46.7
148	65.1	51.2	76.8

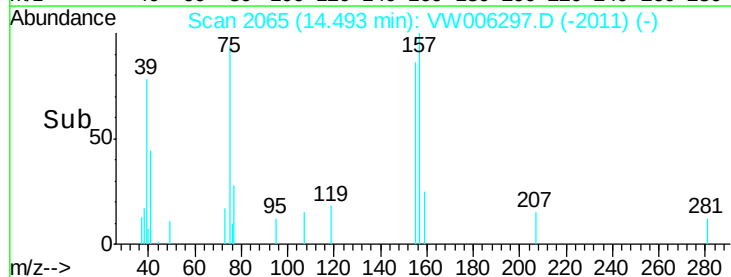
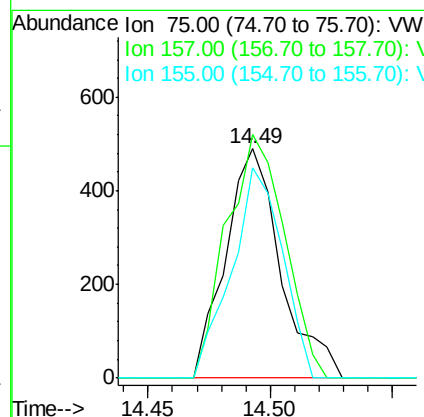
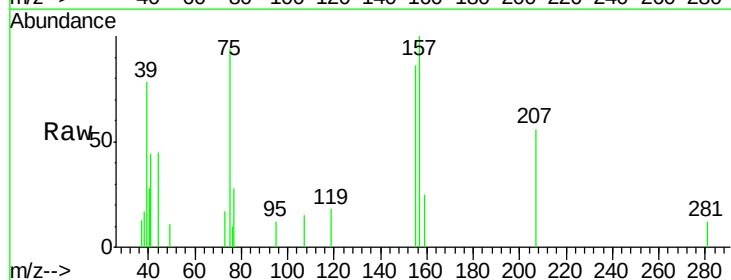
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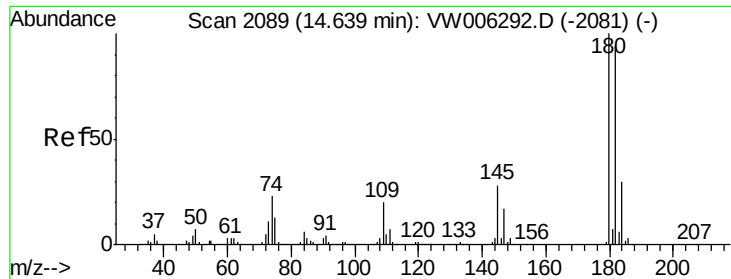
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#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.834 ug/L m
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
75	100		
157	106.1	106.8	160.2#
155	91.4	79.2	118.8





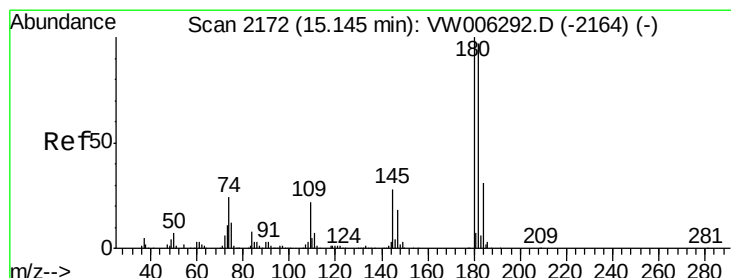
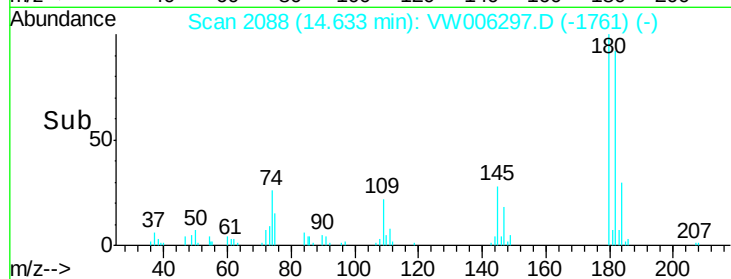
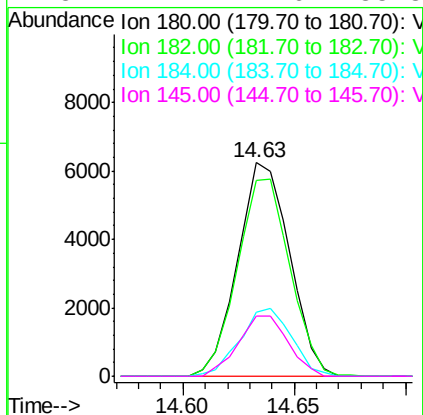
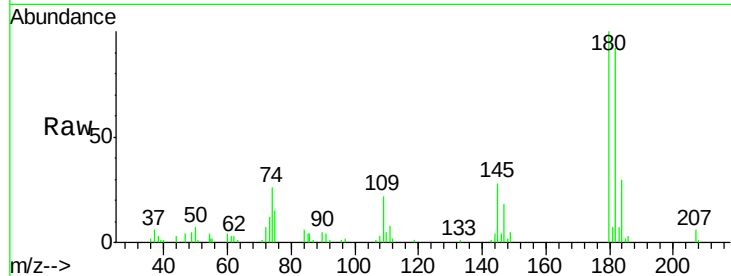
#67
 1,3,5-Trichlorobenzene
 Concen: 1.005 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Tgt Ion:	180	Resp:	10132
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.0	114.0
184	31.6	24.3	36.5
145	27.4	22.6	33.8

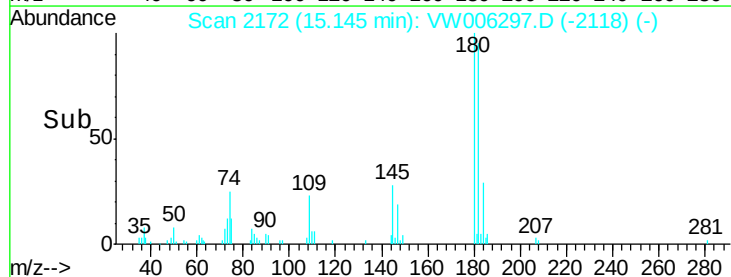
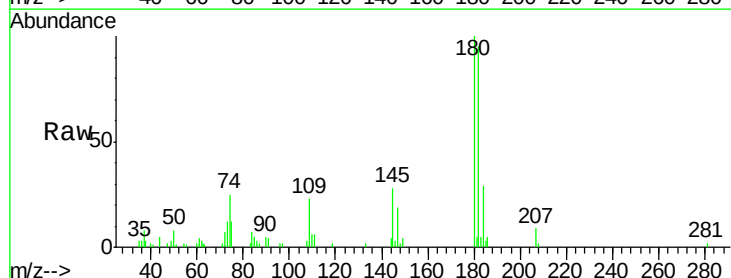
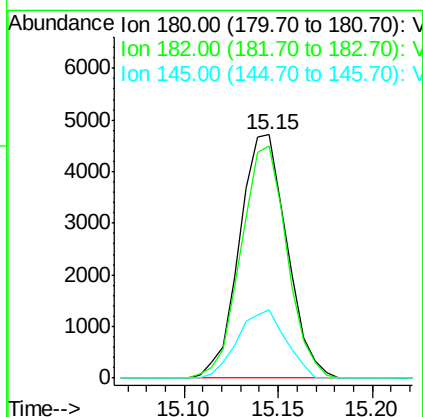
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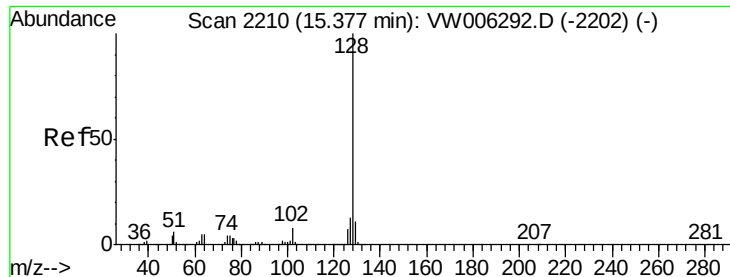
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#68
 1,2,4-trichlorobenzene
 Concen: 0.959 ug/L
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW006297.D
 Acq: 23 Oct 2018 15:33

Tgt Ion:	180	Resp:	8250
Ion Ratio	Lower	Upper	
180	100		
182	92.3	76.2	114.2
145	28.2	23.0	34.6





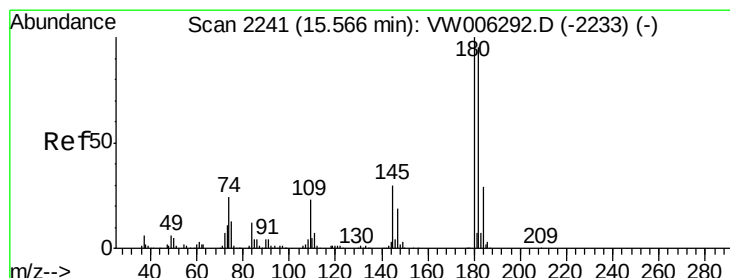
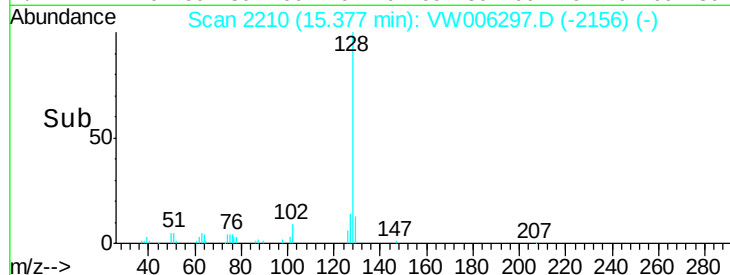
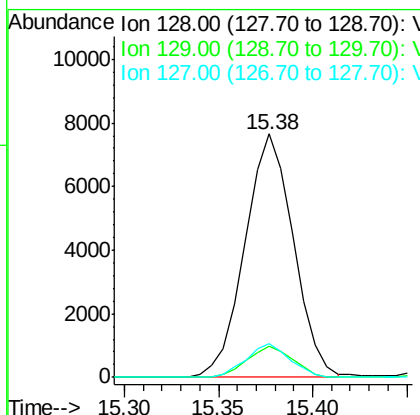
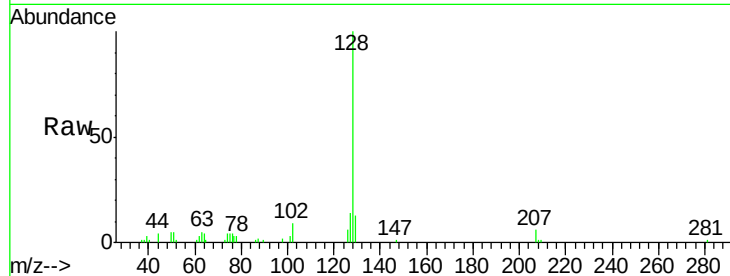
#69
Naphthalene
Concen: 0.783 ug/L
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
MDL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	13632		
129	11.9	8.9	13.3	
127	12.3	10.5	15.7	

Manual Integrations
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#70
1,2,3-Trichlorobenzene
Concen: 0.966 ug/L
RT: 15.57 min Scan# 2242
Delta R.T. 0.01 min
Lab File: VW006297.D
Acq: 23 Oct 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	7459		
182	92.0	75.5	113.3	
145	29.5	24.5	36.7	

