

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102318\
 Data File : VW006304.D
 Acq On : 23 Oct 2018 19:25
 Operator : SY/AP
 Sample : MDL 2 PPB
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 MDL 2 PPB

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 2:08:27 PM

Quant Time: Oct 24 05:34:54 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	401642	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	383610	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	203857	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	73934	16.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.28%
7) Chloroethane-d5	2.90	69	76581	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.56%
10) 1,1-Dichloroethene-d2	4.01	63	124077	14.26	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.04%
20) 2-Butanone-d5	7.09	46	51260	34.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.28%
24) Chloroform-d	7.65	84	180438	20.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.96%
26) 1,2-Dichloroethane-d4	8.31	65	104324	21.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.68%
29) Benzene-d6	8.28	84	363004	20.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.36%
33) 1,2-Dichloropropane-d6	9.28	67	107854	20.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.08%
37) Toluene-d8	10.33	98	358817	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.40%
38) trans-1,3-Dichloropropene-	10.58	79	43492	17.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.12%
39) 2-Hexanone-d5	10.93	63	42511	33.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99040	19.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	154054	22.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.20%

Target Compounds

Target Compounds	R.T.	Qvalue	Response	Conc	Units	Dev(Min)
2) Dichlorodifluoromethane	2.01	85	10055m	2.649	ug/L	
3) Chloromethane	2.21	50	8575	2.300	ug/L	91
5) Vinyl chloride	2.37	62	12089	2.012	ug/L #	80
6) Bromomethane	2.79	94	9520	2.035	ug/L	99
8) Chloroethane	2.93	64	7681	2.086	ug/L	96
9) Trichlorofluoromethane	3.26	101	9694	2.017	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	11042m	2.298	ug/L	
12) 1,1-Dichloroethene	4.04	96	9864	2.139	ug/L #	1
13) Acetone	4.15	43	5840	3.850	ug/L	84
14) Carbon disulfide	4.38	76	25412	1.686	ug/L	98
15) Methyl Acetate	4.68	43	4358	1.774	ug/L #	74
16) Methylene chloride	4.92	84	20901	4.031	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	15216	2.027	ug/L #	92
18) trans-1,2-Dichloroethene	5.42	96	10109	1.980	ug/L	98
19) 1,1-Dichloroethane	6.22	63	16554	2.004	ug/L	99
21) 2-Butanone	7.19	43	7098	3.522	ug/L	79
22) cis-1,2-Dichloroethene	7.18	96	11631	2.089	ug/L	98

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

23) Bromochloromethane	7.51	128	5176	1.976	ug/L	98
25) Chloroform	7.68	83	19899	2.238	ug/L	91
27) 1,2-Dichloroethane	8.41	62	12801	2.112	ug/L	98
30) Cyclohexane	7.96	56	14795	1.755	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	14929	1.860	ug/L	99
32) Carbon tetrachloride	8.07	117	13834	1.757	ug/L	97
34) Benzene	8.33	78	41073m	2.086	ug/L	
35) Trichloroethene	9.09	95	11240	2.029	ug/L	97
36) Methylcyclohexane	9.34	83	18295	1.802	ug/L	98
40) 1,2-Dichloropropane	9.37	63	9785	2.003	ug/L #	96
41) Bromodichloromethane	9.65	83	11694	1.773	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	14089	1.766	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	12493	3.191	ug/L	97
44) Toluene	10.39	91	45594	2.062	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	14134	2.028	ug/L	94
46) 1,1,2-Trichloroethane	10.79	97	8202	2.016	ug/L	96
47) Tetrachloroethene	10.87	164	10296	2.007	ug/L	95
49) 2-Hexanone	10.98	43	8485	2.941	ug/L	95
50) Dibromochloromethane	11.13	129	8691	1.667	ug/L	97
51) 1,2-Dibromoethane	11.24	107	8135	1.921	ug/L	96
52) Chlorobenzene	11.66	112	30913	2.066	ug/L	98
53) Ethylbenzene	11.74	91	49627	1.928	ug/L	98
54) m,p-Xylene	11.84	106	19049	1.888	ug/L	99
55) o-xylene	12.17	106	18206	1.890	ug/L	91
56) Styrene	12.18	104	29767	1.794	ug/L	99
57) Isopropylbenzene	12.47	105	48804	1.821	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	10483	1.983	ug/L #	98
59) 1,2,3-Trichloropropane	12.77	75	7559	1.916	ug/L	100
62) Bromoform	12.36	173	4944	1.447	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	25197	2.013	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	26303	2.086	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	24723	2.147	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	1392	1.502	ug/L	93
67) 1,3,5-Trichlorobenzene	14.64	180	20303	2.012	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	17085	1.986	ug/L	100
69) Naphthalene	15.38	128	28614	1.642	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	15552	2.012	ug/L	97

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

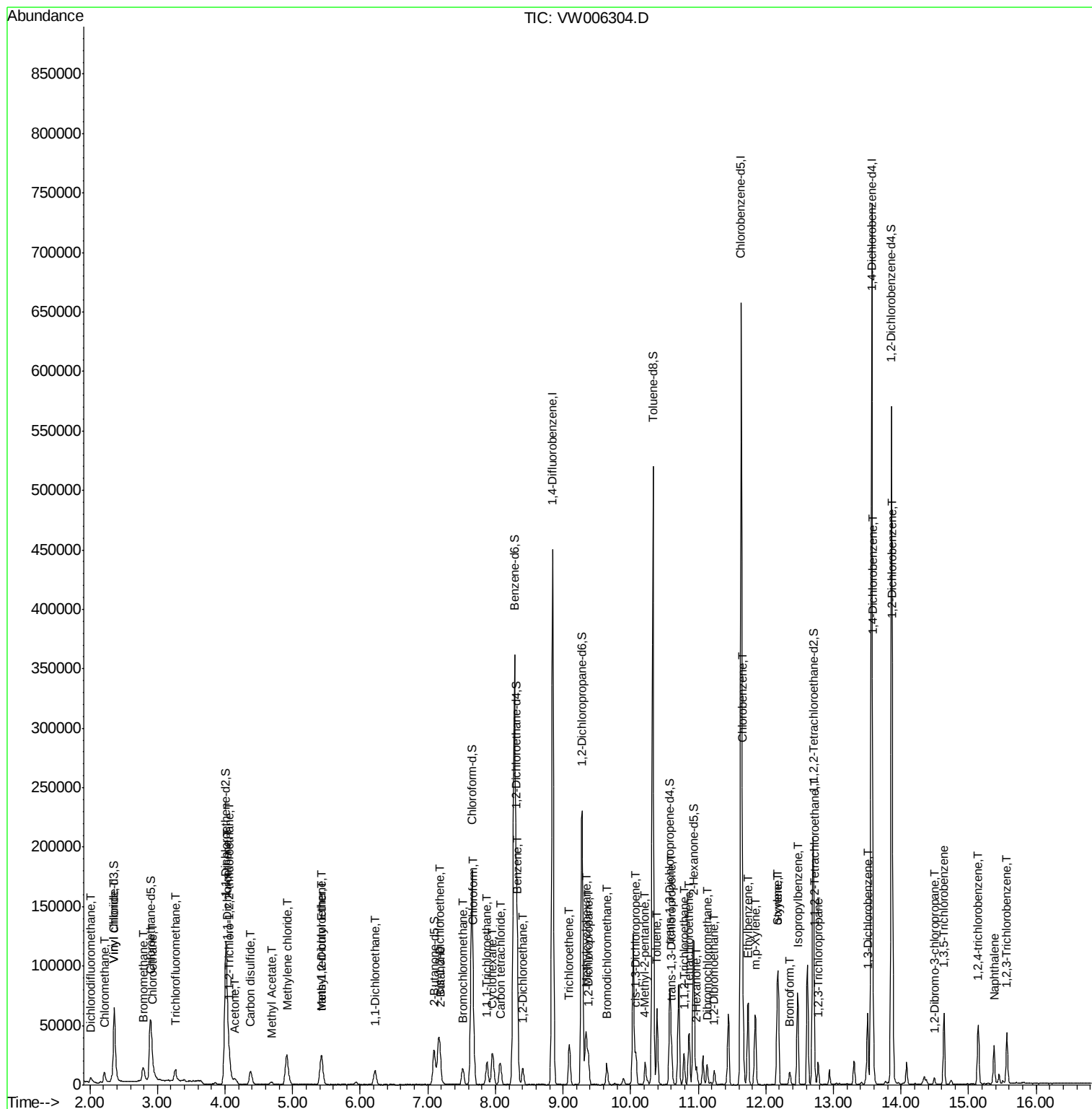
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102318\
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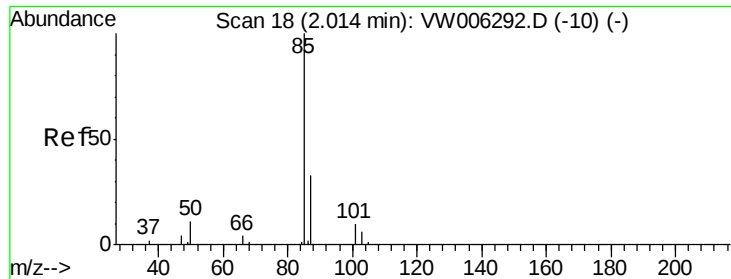
Instrument :
MSVOA_W
ClientSampleId :
MDL 2 PPB

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Quant Title : VOC Analysis
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#2

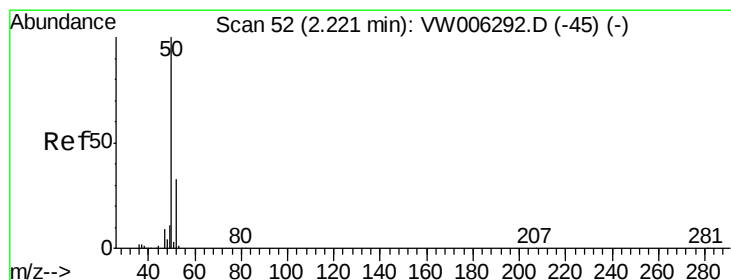
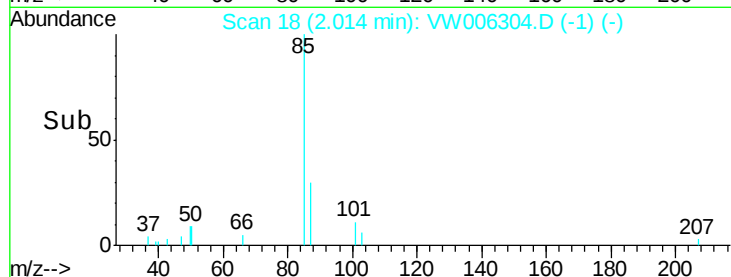
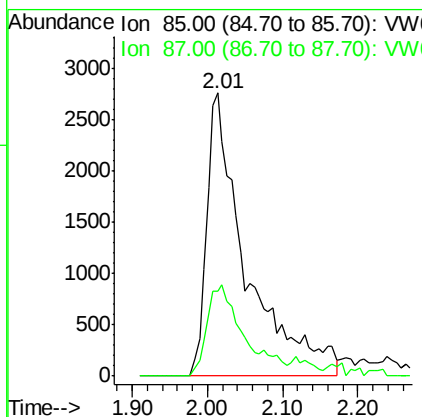
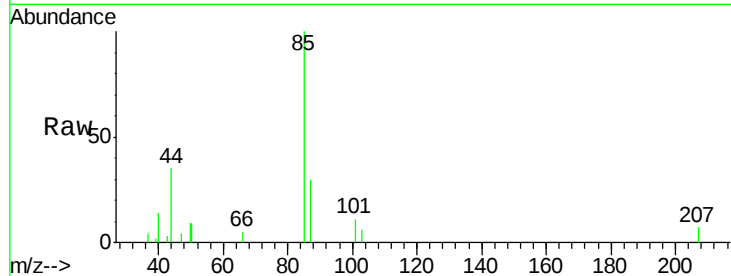
Dichlorodifluoromethane
 Concen: 2.649 ug/L m
 RT: 2.01 min Scan# 18
 Delta R.T. 0.00 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 2 PPB

Tgt Ion	Ratio	Lower	Upper
85	100		
87	0.2	19.2	35.6#

Manual Integrations
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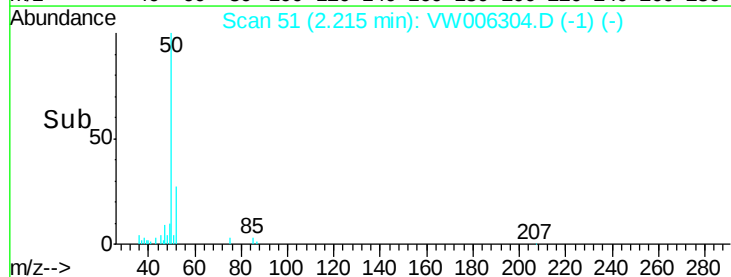
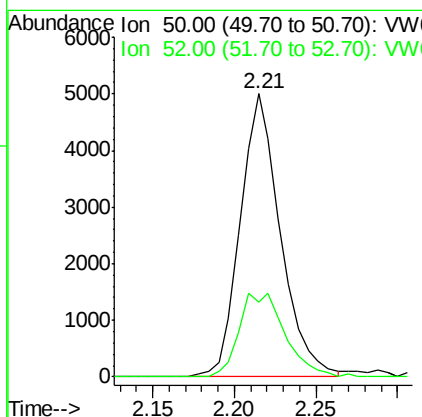
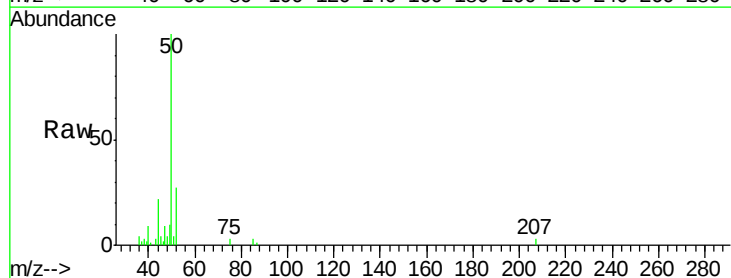
MMDadoda
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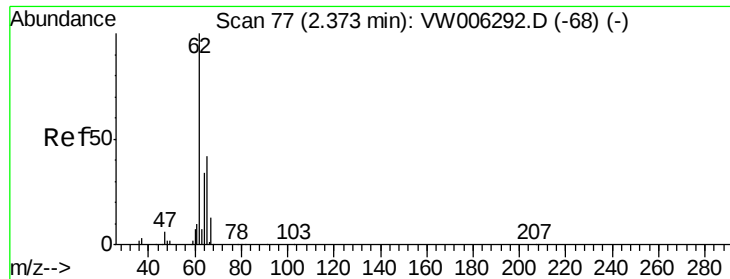


#3

Chloromethane
 Concen: 2.300 ug/L
 RT: 2.21 min Scan# 51
 Delta R.T. -0.01 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Tgt Ion	Ratio	Lower	Upper
50	100		
52	26.6	22.3	41.3





#5

Vinyl chloride

Concen: 2.012 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006304.D

Acq: 23 Oct 2018 19:25

Instrument :

MSVOA_W

ClientSampleId :

MDL 2 PPB

Tgt Ion: 62 Resp: 12089

Ion Ratio Lower Upper

62 100

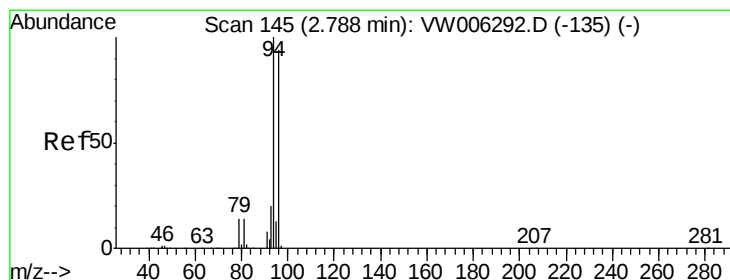
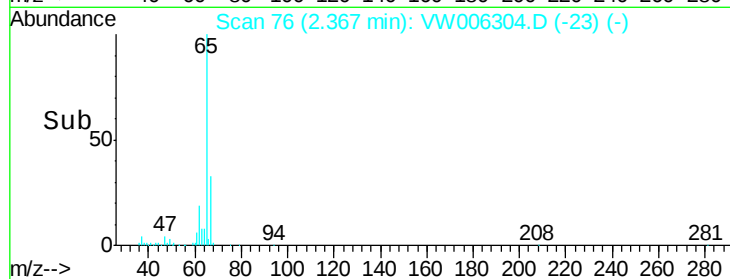
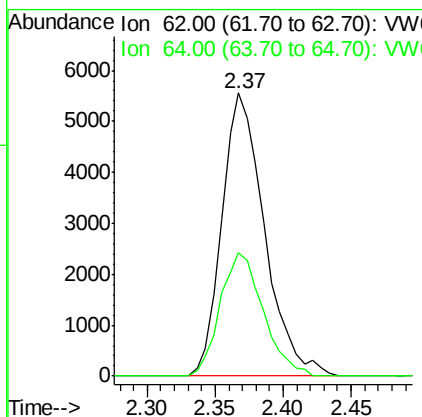
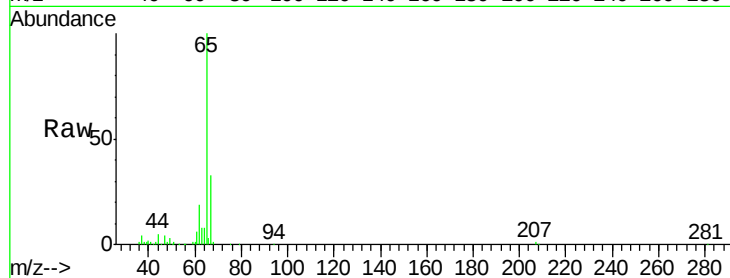
64 43.7 22.7 42.3#

Manual Integrations

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#6

Bromomethane

Concen: 2.035 ug/L

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006304.D

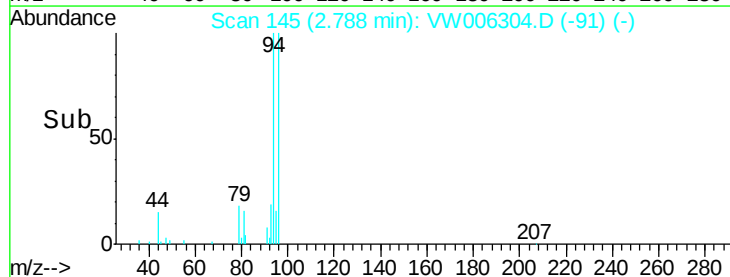
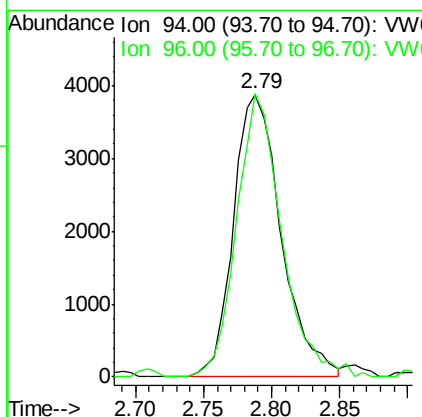
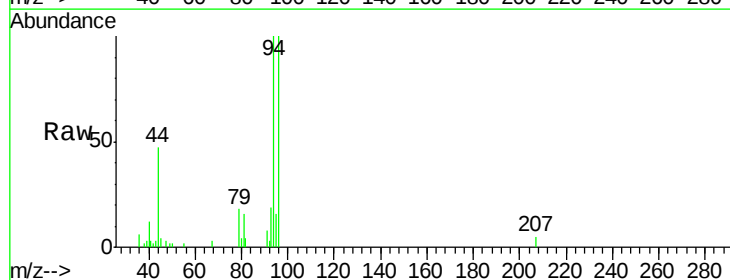
Acq: 23 Oct 2018 19:25

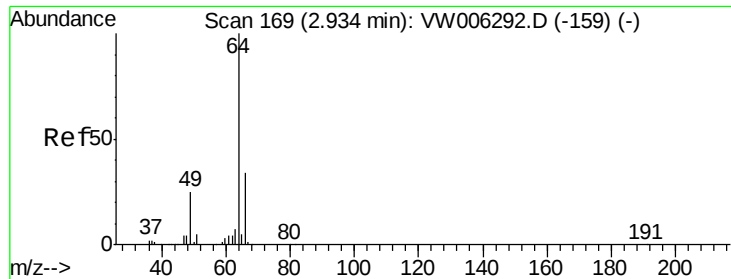
Tgt Ion: 94 Resp: 9520

Ion Ratio Lower Upper

94 100

96 94.9 9.5 181.3





#8

Chloroethane

Concen: 2.086 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006304.D

Acq: 23 Oct 2018 19:25

Instrument :

MSVOA_W

ClientSampleId :

MDL 2 PPB

Tgt Ion: 64 Resp: 7681

Ion Ratio Lower Upper

64 100

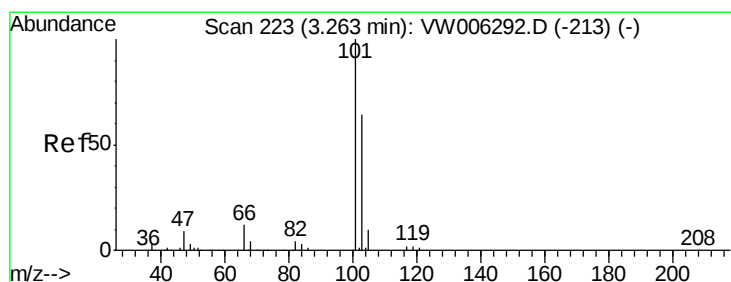
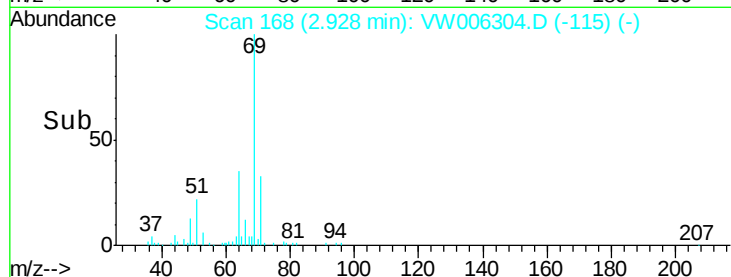
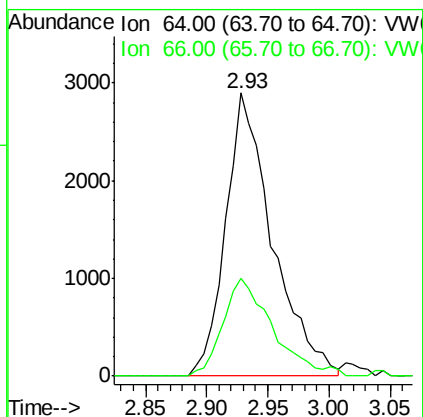
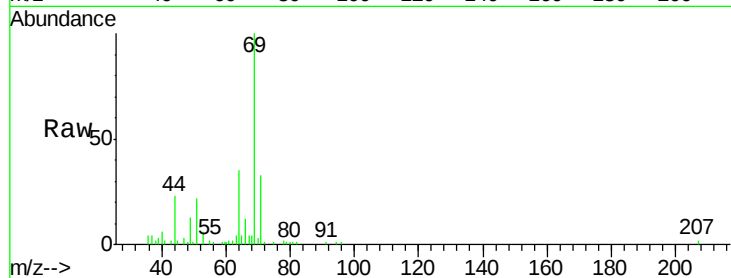
66 34.4 22.7 42.1

Manual Integrations

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#9

Trichlorofluoromethane

Concen: 2.017 ug/L

RT: 3.26 min Scan# 223

Delta R.T. 0.00 min

Lab File: VW006304.D

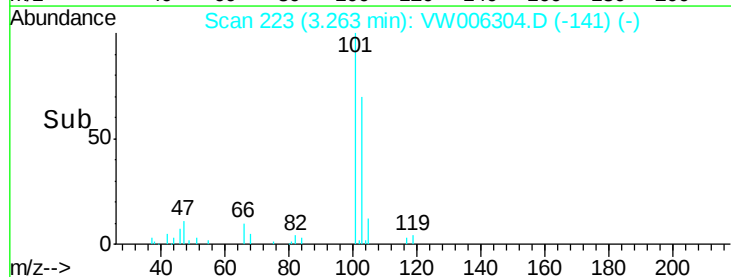
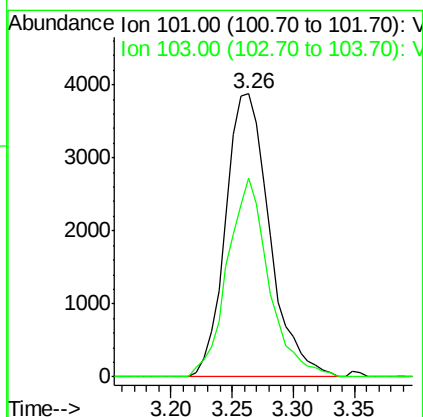
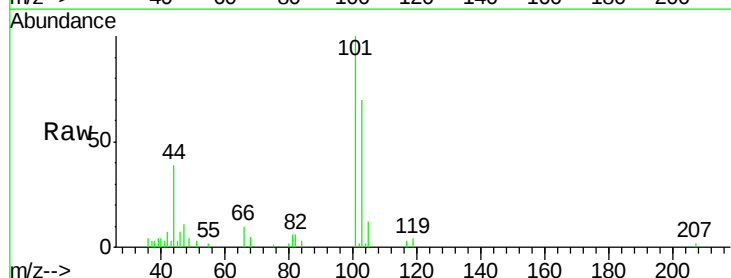
Acq: 23 Oct 2018 19:25

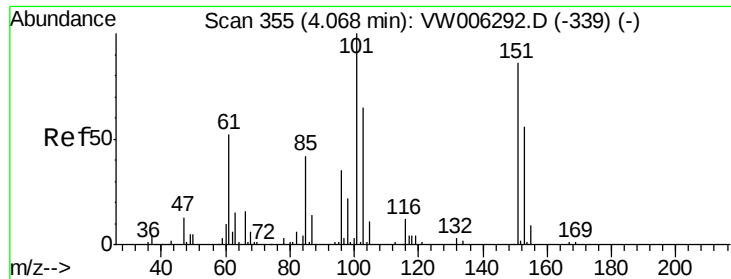
Tgt Ion: 101 Resp: 9694

Ion Ratio Lower Upper

101 100

103 65.8 45.6 84.6





#11

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

Concen: 2.298 ug/L m

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006304.D

Acq: 23 Oct 2018 19:25

Instrument :

MSVOA_W

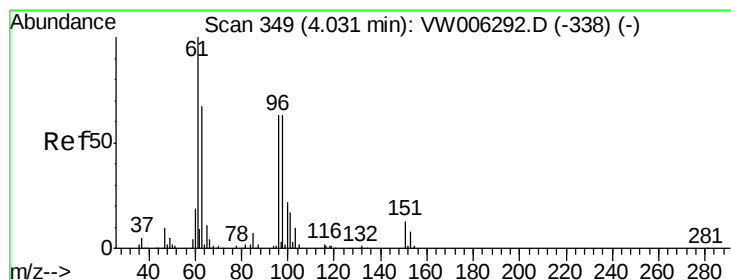
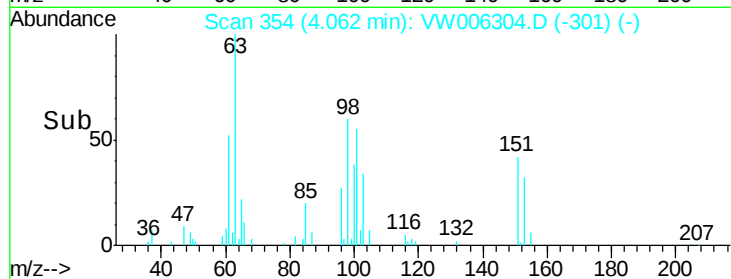
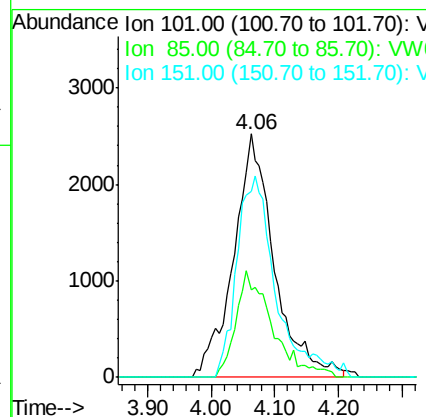
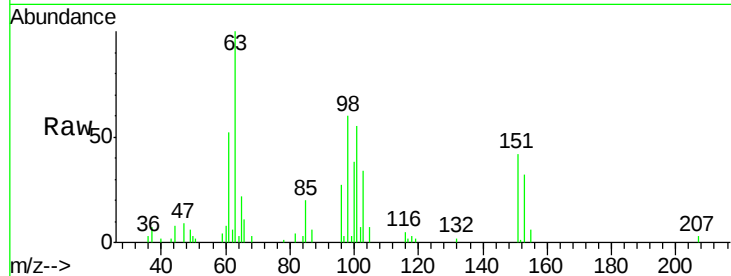
ClientSampleId :

MDL 2 PPB

Tgt Ion:	101	Resp:	11042
Ion Ratio	Lower	Upper	
101	100		
85	34.7	33.4	50.2
151	72.7	68.7	103.1

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 2.139 ug/L

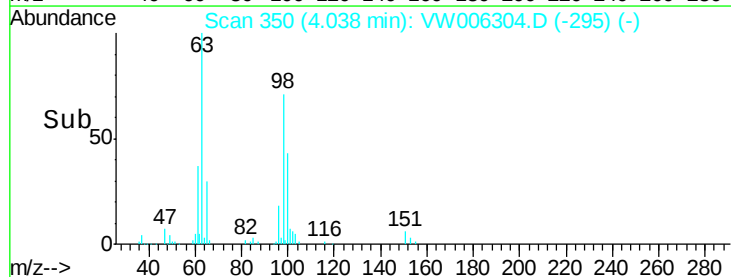
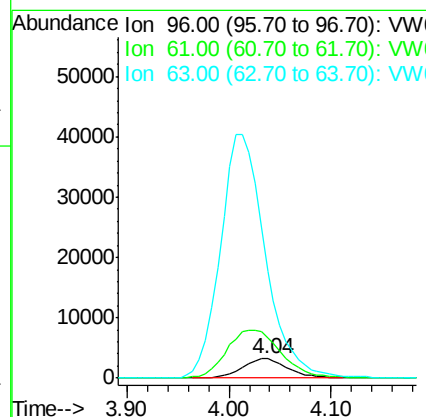
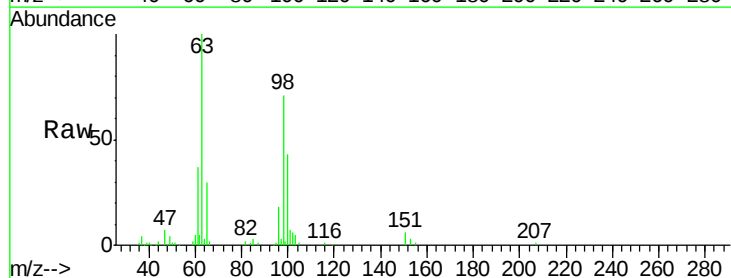
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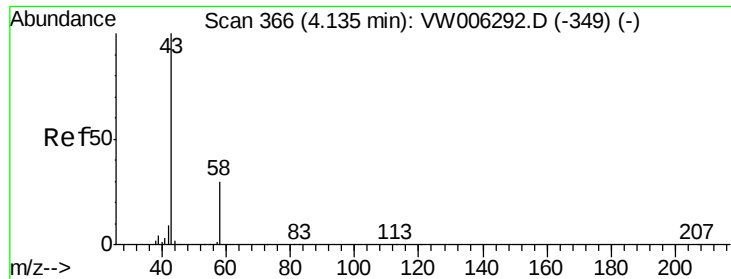
Delta R.T. 0.01 min

Lab File: VW006304.D

Acq: 23 Oct 2018 19:25

Tgt Ion:	96	Resp:	9864
Ion Ratio	Lower	Upper	
96	100		
61	208.2	112.3	208.7
63	555.9	102.6	190.6#





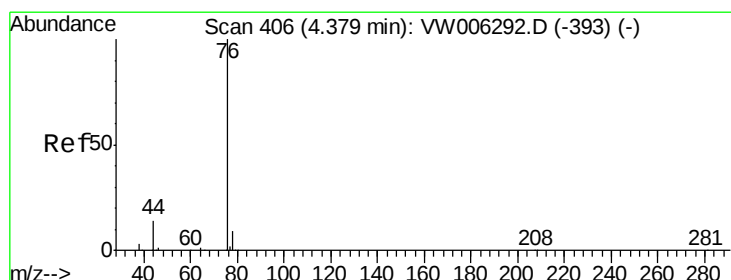
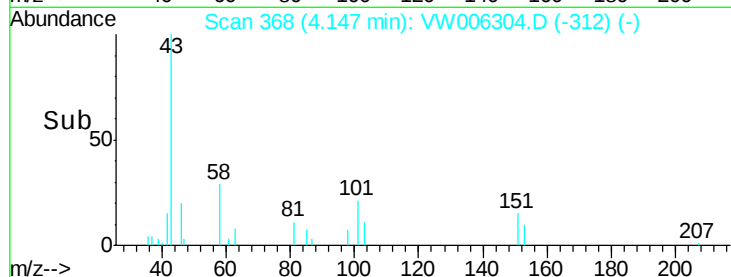
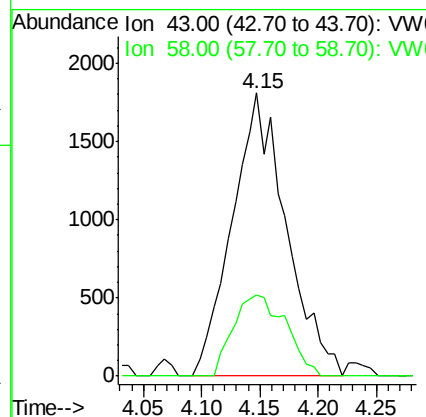
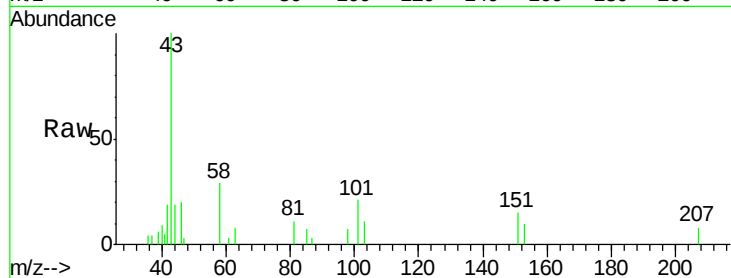
#13
Acetone
Concen: 3.850 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
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Tgt Ion	Ratio	Lower	Upper
43	100		
58	21.8	0.0	61.2

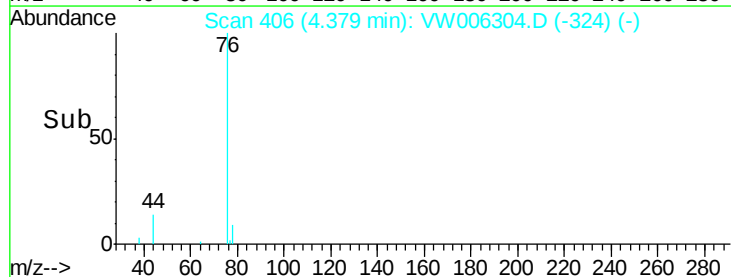
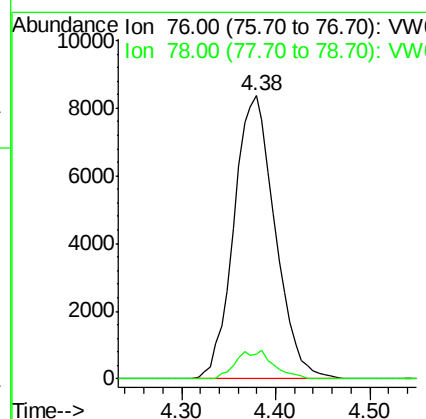
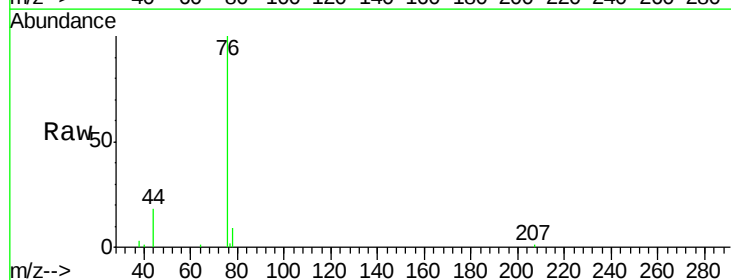
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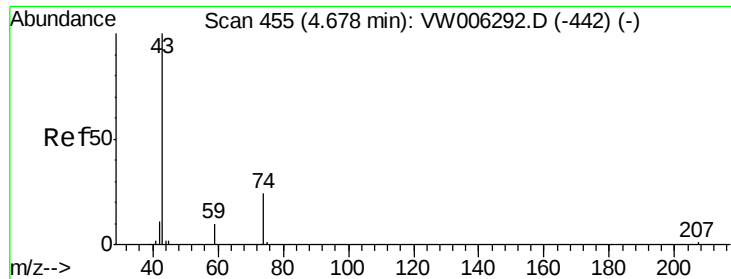
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#14
Carbon disulfide
Concen: 1.686 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.6	11.4





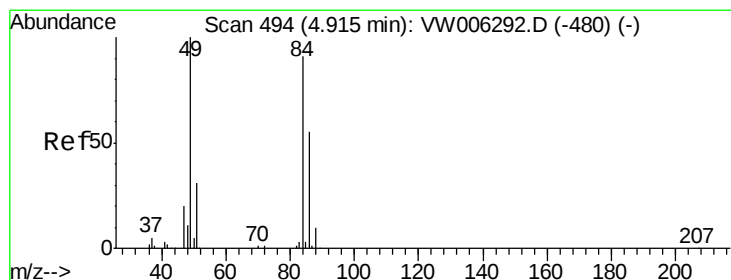
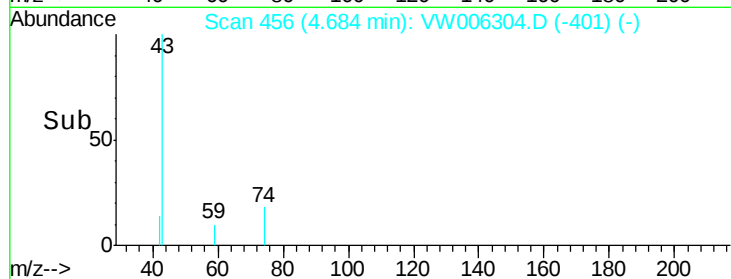
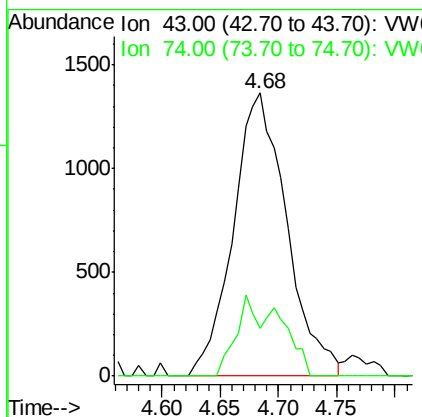
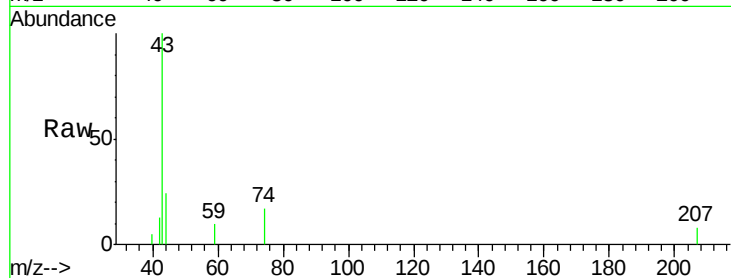
#15
Methyl Acetate
Concen: 1.774 ug/L
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Instrument :
MSVOA_W
ClientSampleId :
MDL 2 PPB

Tgt Ion: 43 Resp: 4358
Ion Ratio Lower Upper
43 100
74 11.6 19.4 29.2#

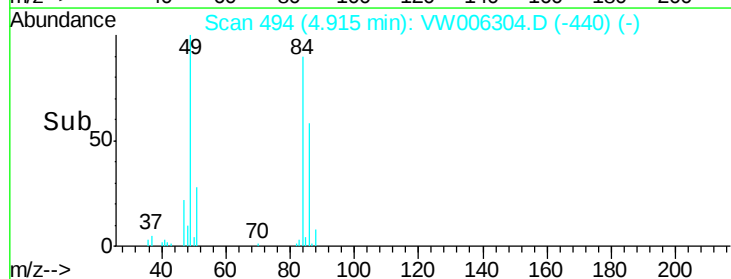
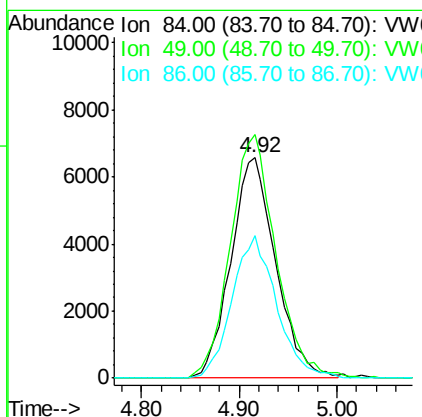
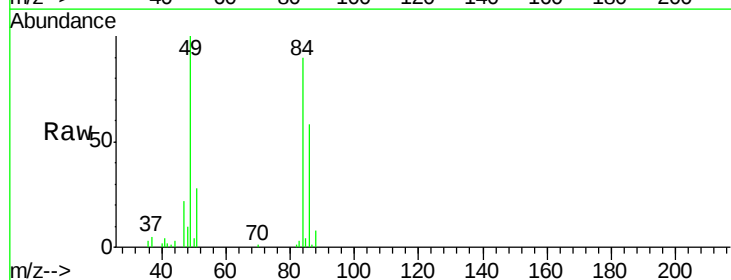
Manual Integrations
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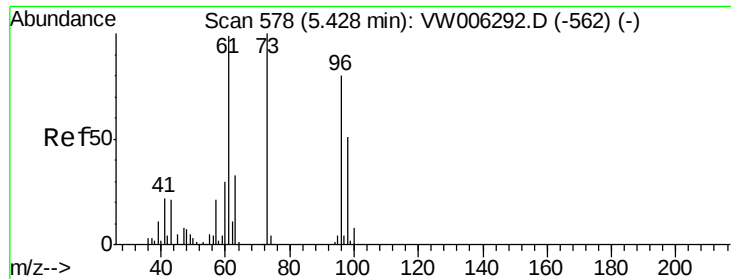
MMDadoda
10/24/2018 2:08:27 PM



#16
Methylene chloride
Concen: 4.031 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Tgt Ion: 84 Resp: 20901
Ion Ratio Lower Upper
84 100
49 110.6 83.5 155.1
86 64.6 44.9 83.5





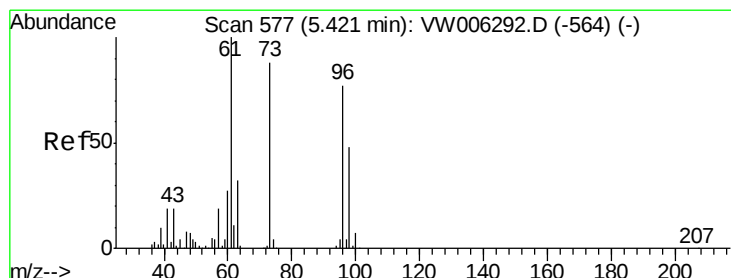
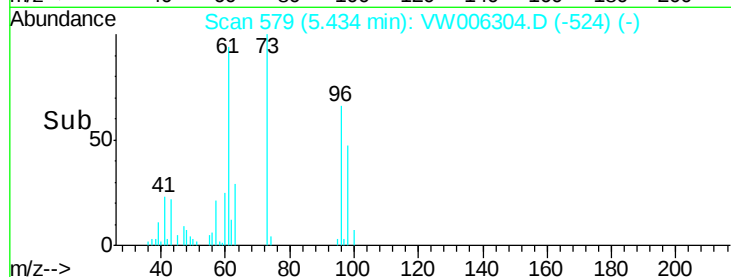
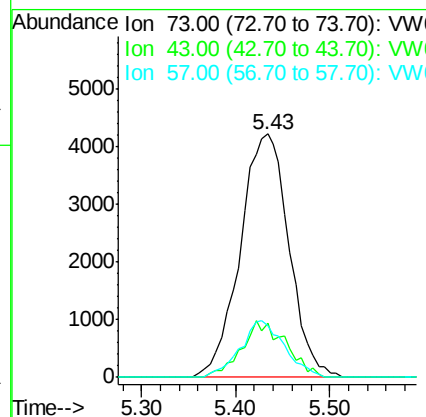
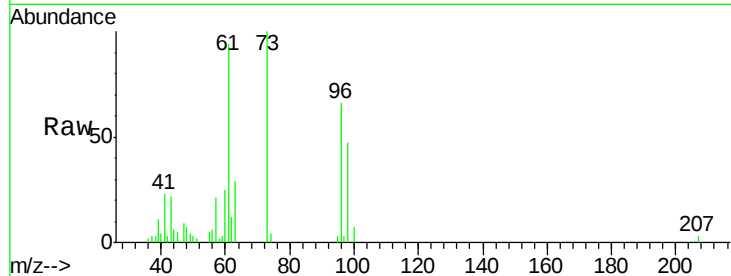
#17
Methyl tert-butyl Ether
Concen: 2.027 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Instrument :
MSVOA_W
ClientSampled :
MDL 2 PPB

Tgt Ion	Ratio	Lower	Upper
73	100		
43	14.3	17.0	25.4#
57	21.1	17.1	25.7

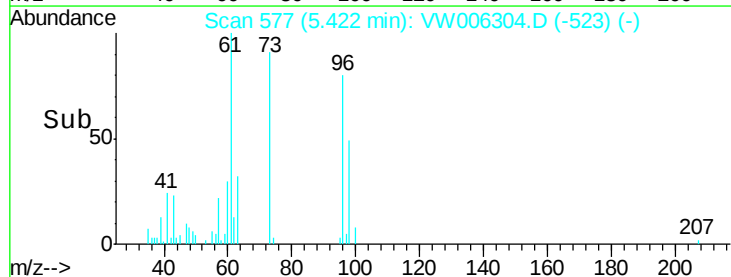
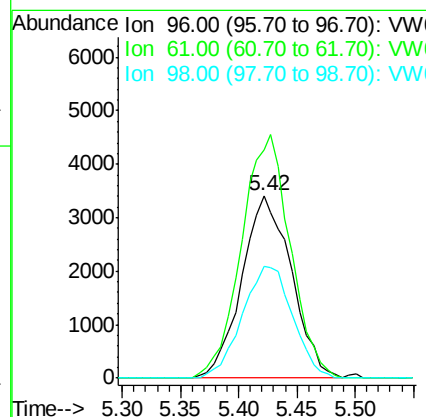
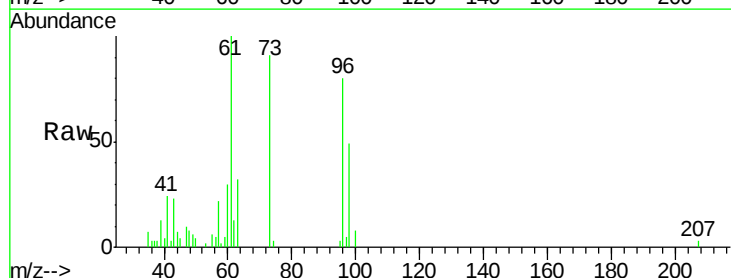
Manual Integrations
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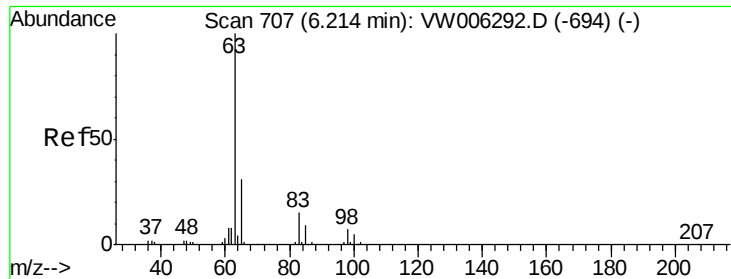
MMDadoda
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#18
trans-1,2-Dichloroethene
Concen: 1.980 ug/L
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.8	89.0	165.2
98	61.2	42.4	78.6





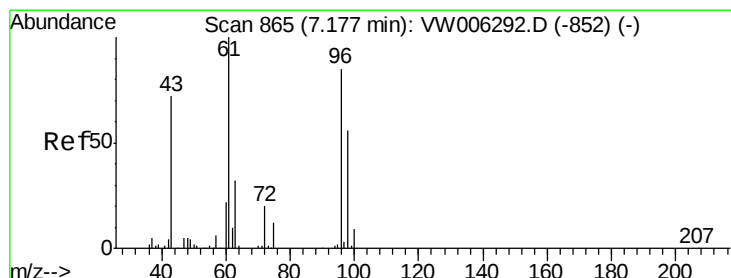
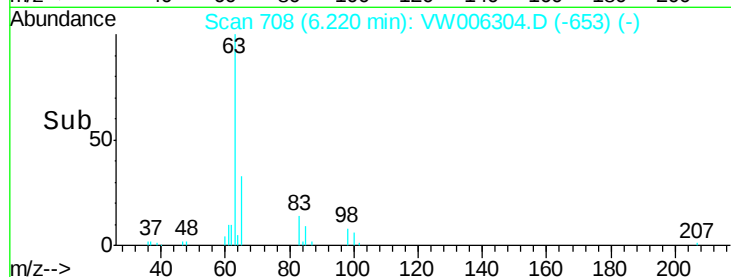
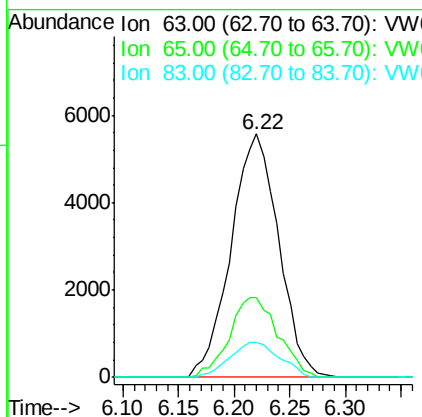
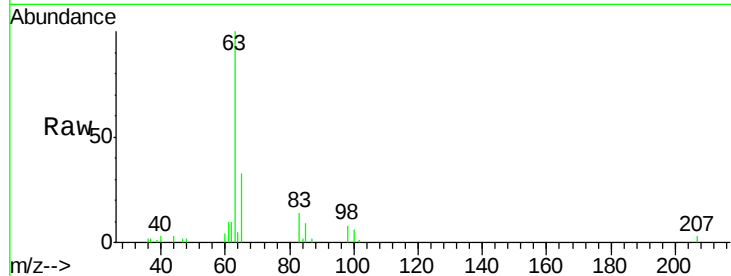
#19
 1,1-Dichloroethane
 Concen: 2.004 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 2 PPB

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.3	41.5
83	14.3	9.7	18.1

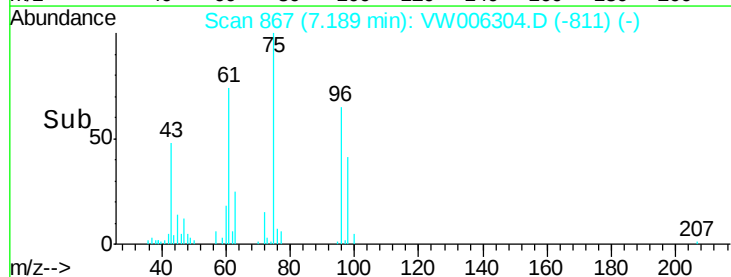
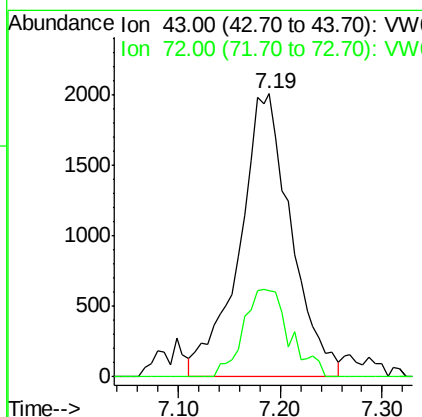
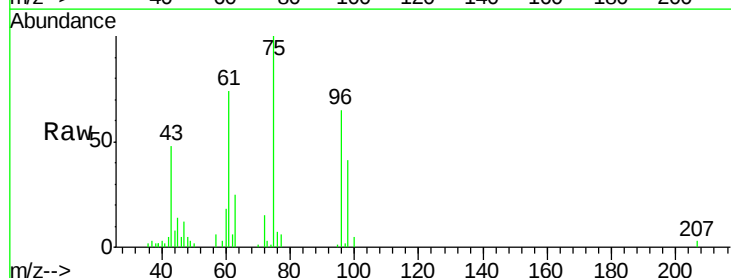
Manual Integrations
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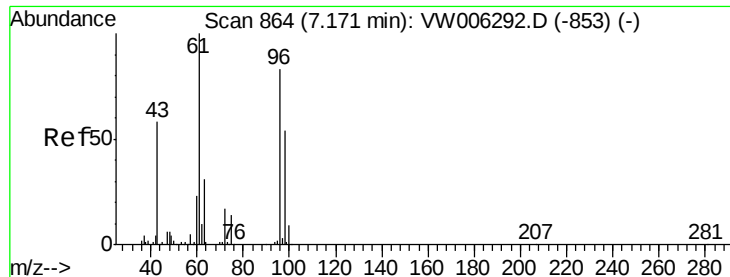
MMDadoda
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#21
 2-Butanone
 Concen: 3.522 ug/L
 RT: 7.19 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Tgt Ion	Ratio	Lower	Upper
43	100		
72	16.8	13.8	41.4





#22

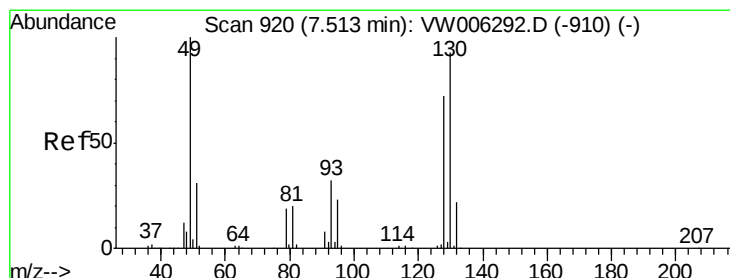
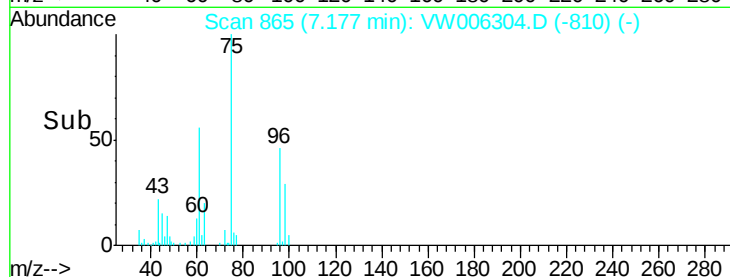
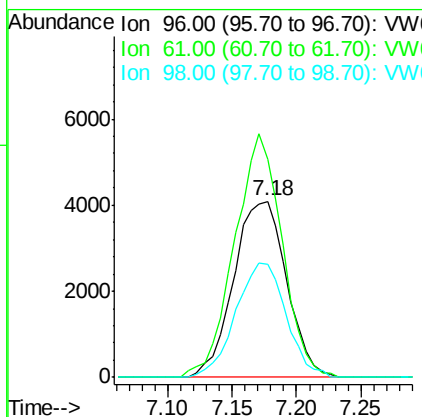
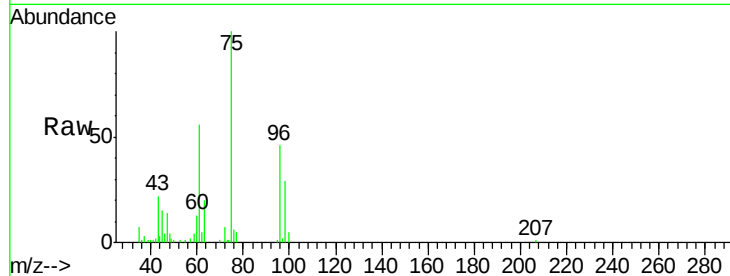
cis-1,2-Dichloroethene
 Concen: 2.089 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 2 PPB

Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.3	85.1	158.1
98	63.8	46.3	86.1

Manual Integrations
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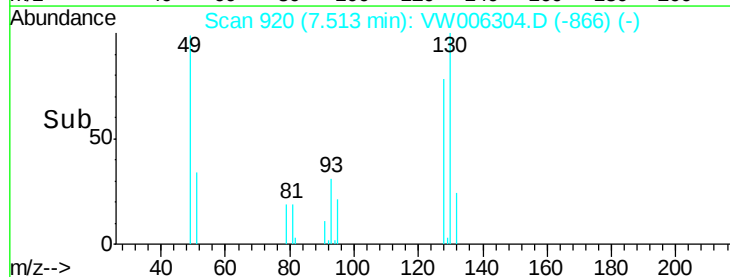
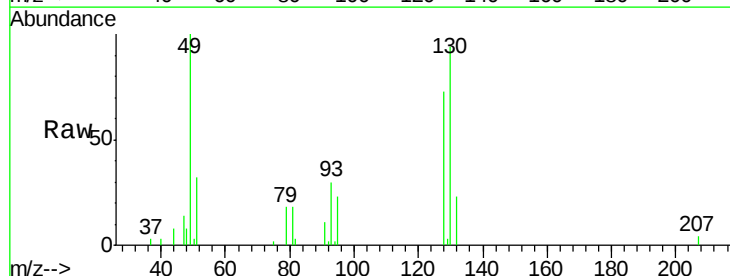
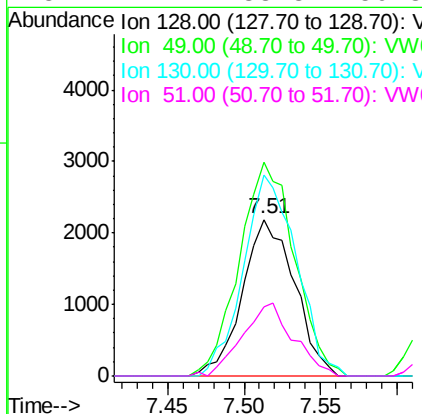
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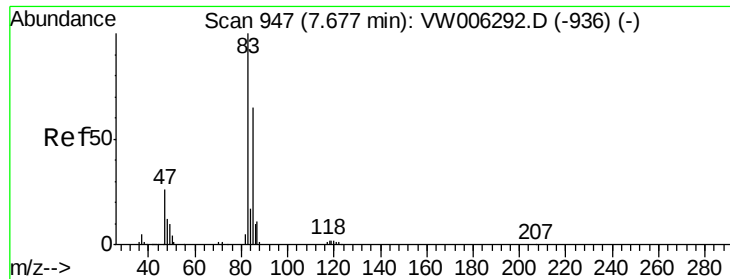


#23

Bromochloromethane
 Concen: 1.976 ug/L
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Tgt Ion	Ratio	Lower	Upper
128	100		
49	136.3	95.2	176.8
130	128.2	86.3	160.3
51	44.2	33.8	50.8





#25

Chloroform

Concen: 2.238 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW006304.D

Acq: 23 Oct 2018 19:25

Instrument :

MSVOA_W

ClientSampleId :

MDL 2 PPB

Tgt Ion: 83 Resp: 19899

Ion Ratio Lower Upper

83 100

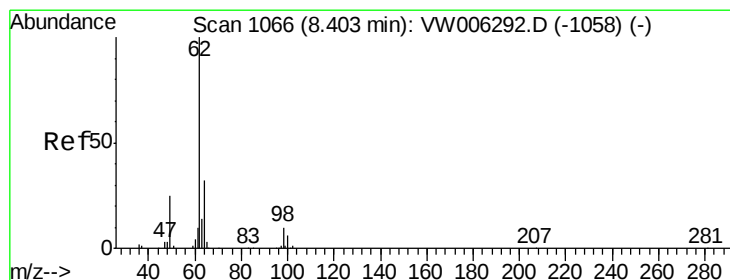
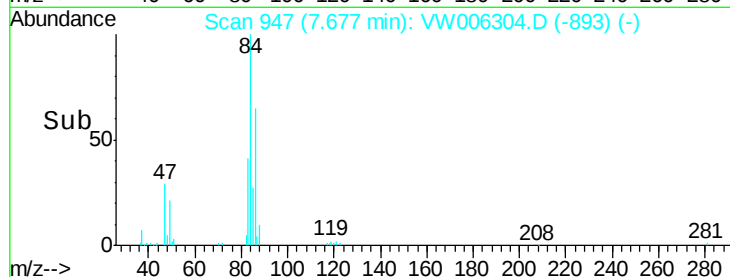
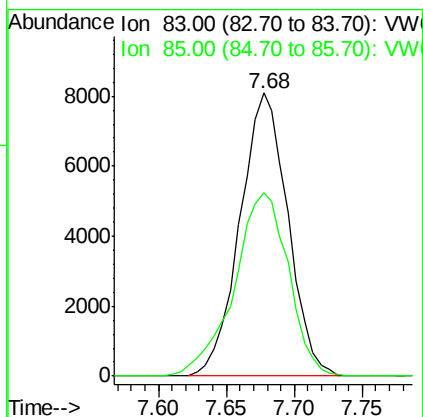
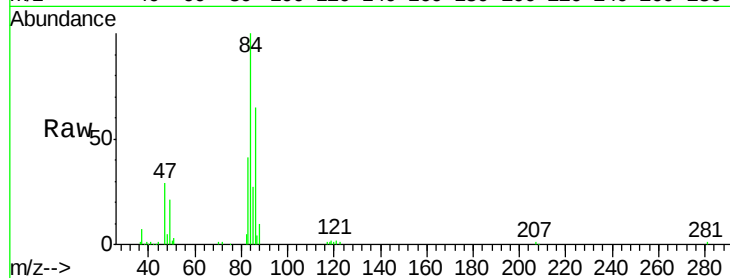
85 73.5 46.3 85.9

Manual Integrations

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#27

1,2-Dichloroethane

Concen: 2.112 ug/L

RT: 8.41 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VW006304.D

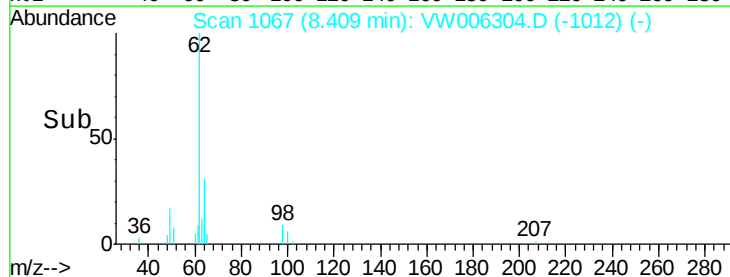
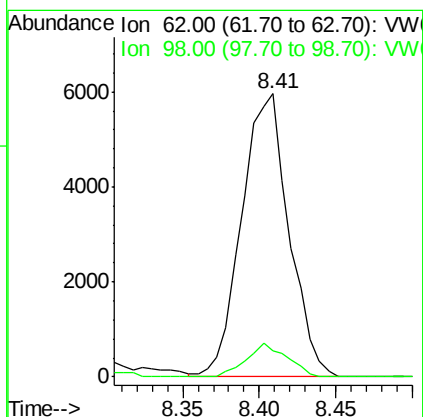
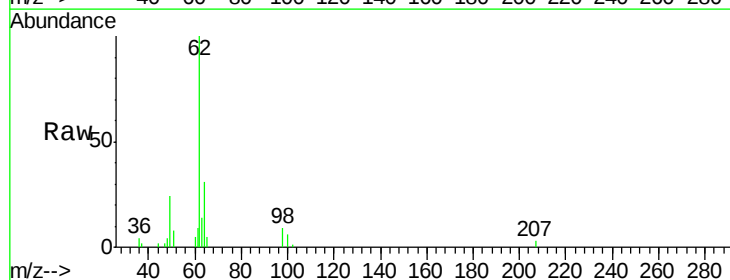
Acq: 23 Oct 2018 19:25

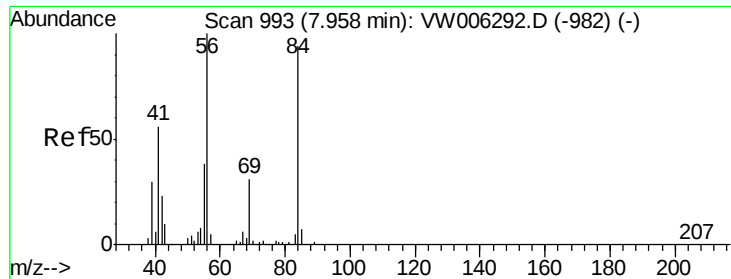
Tgt Ion: 62 Resp: 12801

Ion Ratio Lower Upper

62 100

98 9.3 8.0 12.0





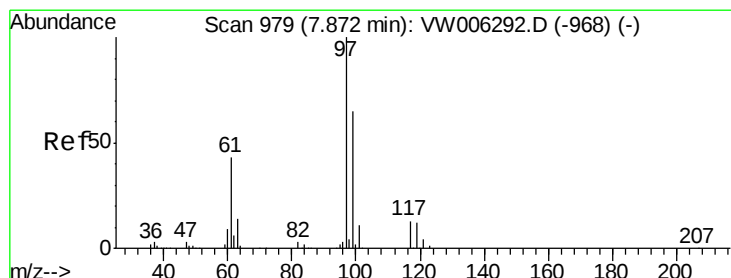
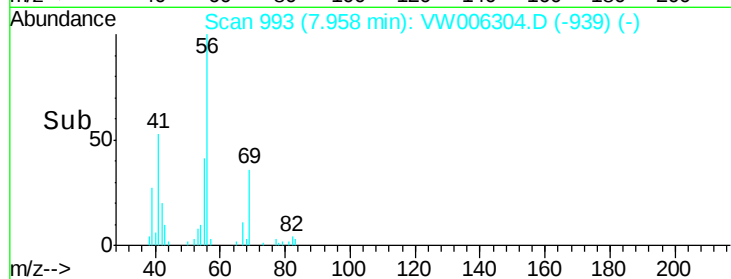
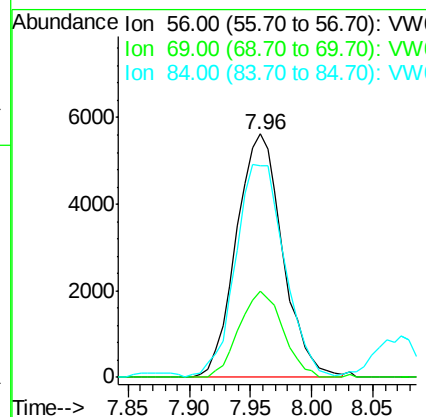
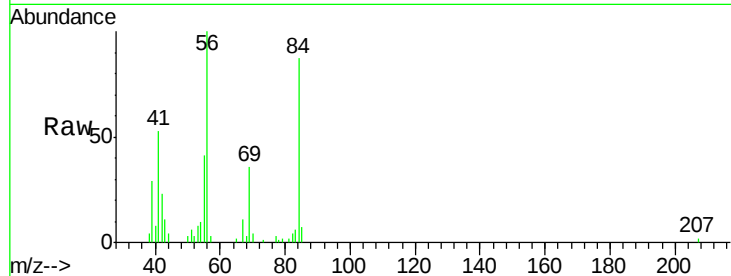
#30
Cyclohexane
Concen: 1.755 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Instrument :
MSVOA_W
ClientSampleId :
MDL 2 PPB

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.4	38.0
84	92.7	73.9	110.9

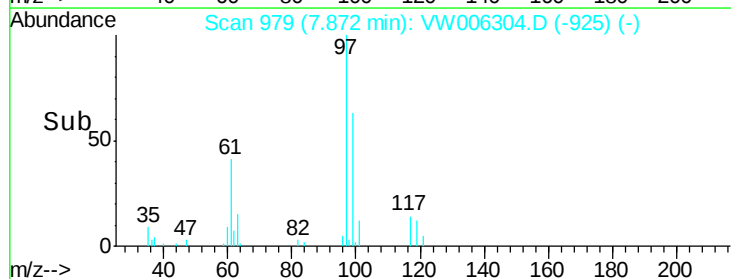
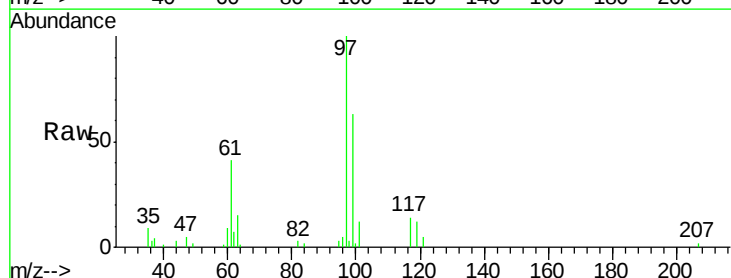
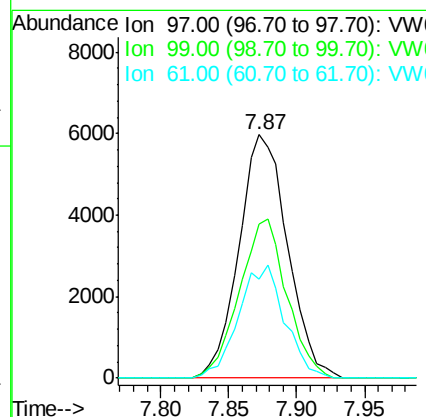
Manual Integrations
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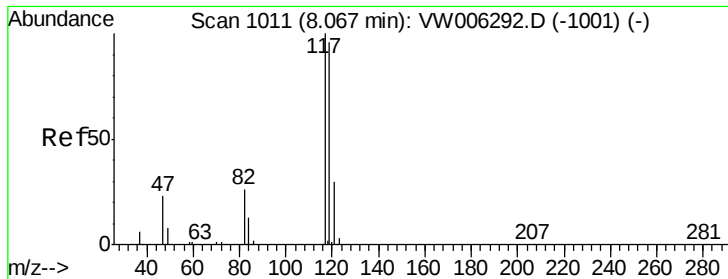
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#31
1,1,1-Trichloroethane
Concen: 1.860 ug/L
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.4
61	44.0	33.6	50.4





#32

Carbon tetrachloride

Concen: 1.757 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW006304.D

Acq: 23 Oct 2018 19:25

Instrument :

MSVOA_W

ClientSampleId :

MDL 2 PPB

Tgt Ion:117 Resp: 13834

Ion Ratio Lower Upper

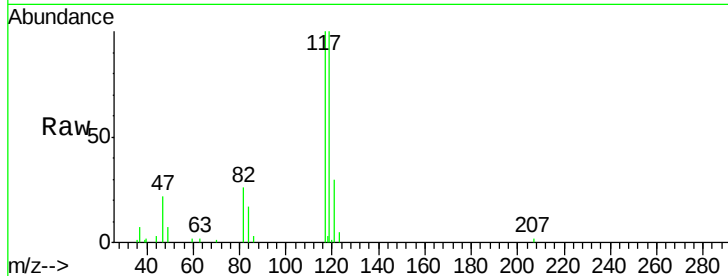
117 100

119 98.6 76.9 115.3

Manual Integrations
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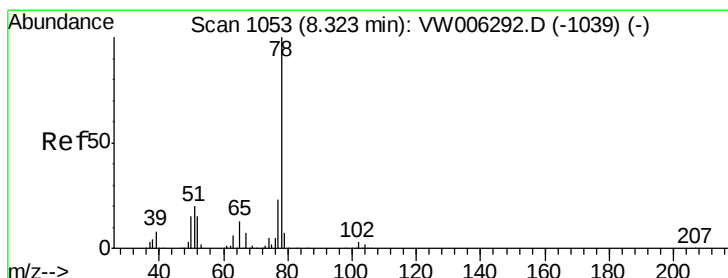
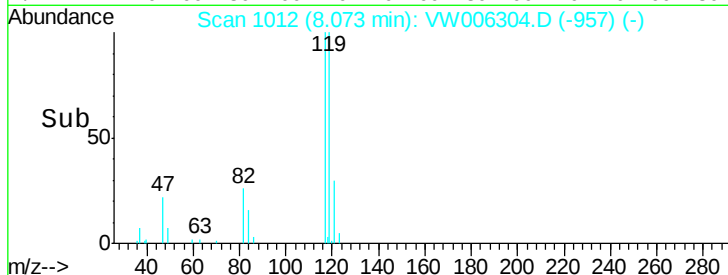
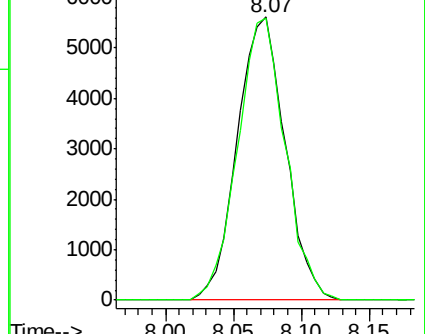
MMDadoda

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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: 2.086 ug/L m

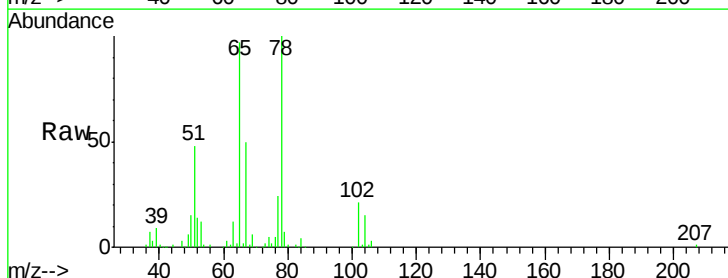
RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

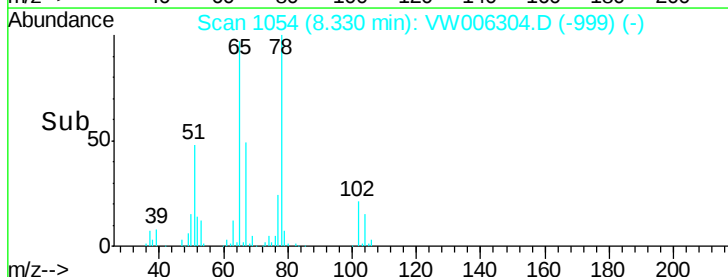
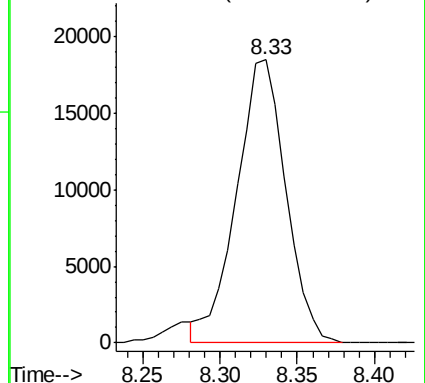
Lab File: VW006304.D

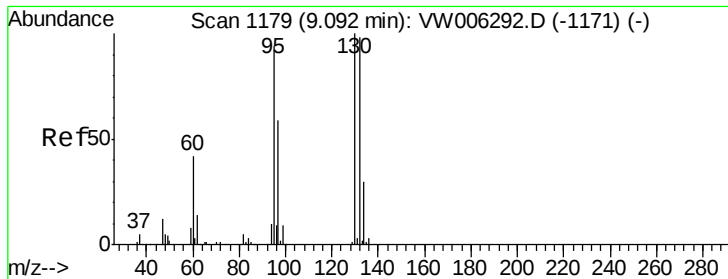
Acq: 23 Oct 2018 19:25

Tgt Ion: 78 Resp: 41073



Abundance Ion 78.00 (77.70 to 78.70): VW





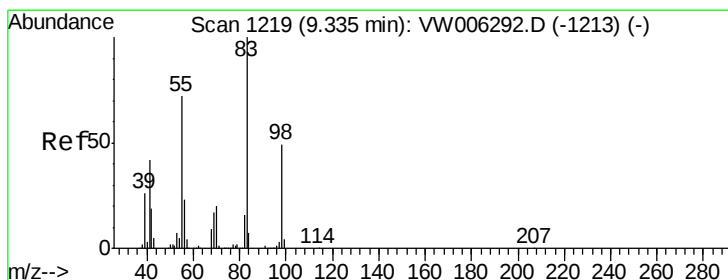
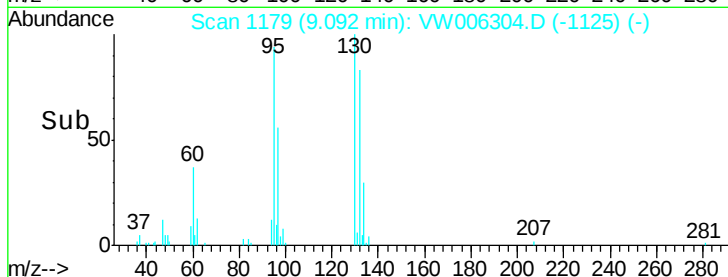
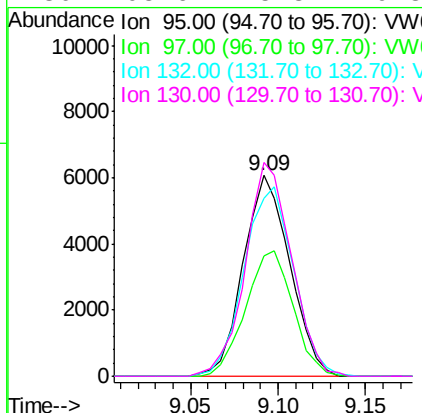
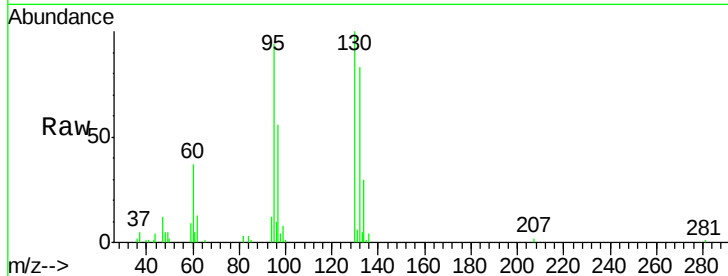
#35
 Trichloroethene
 Concen: 2.029 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 2 PPB

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	11240		
97	63.7	45.8	85.0	
132	100.7	72.9	135.3	
130	105.6	75.8	140.8	

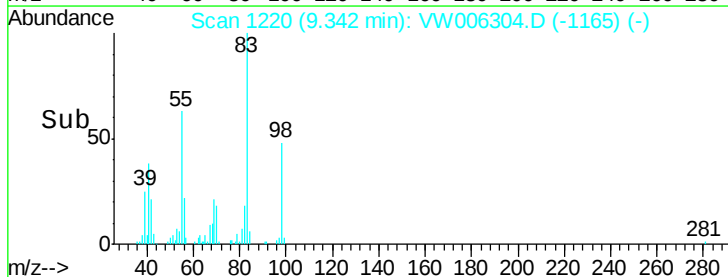
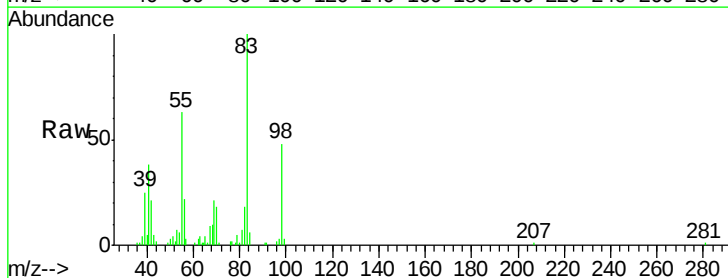
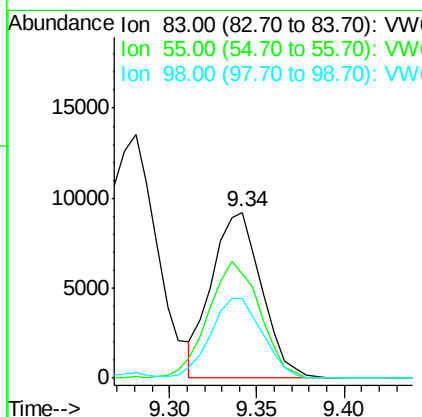
Manual Integrations
 APPROVED

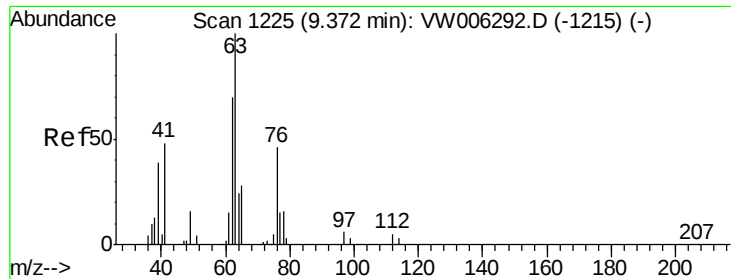
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#36
 Methylcyclohexane
 Concen: 1.802 ug/L
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	18295		
55	73.3	57.1	85.7	
98	49.9	38.9	58.3	





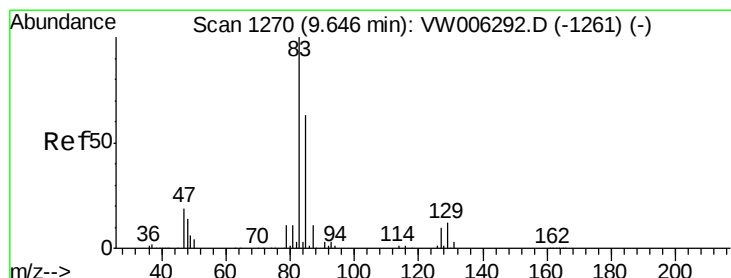
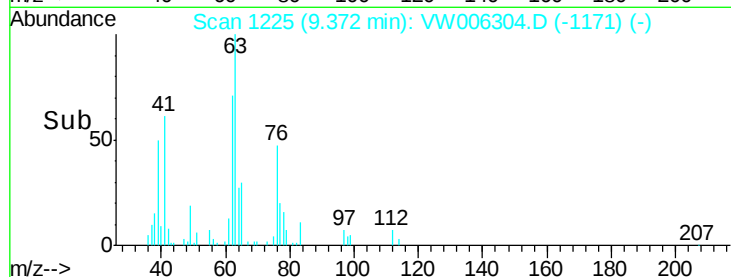
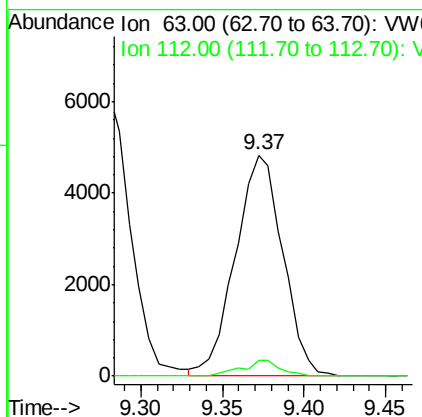
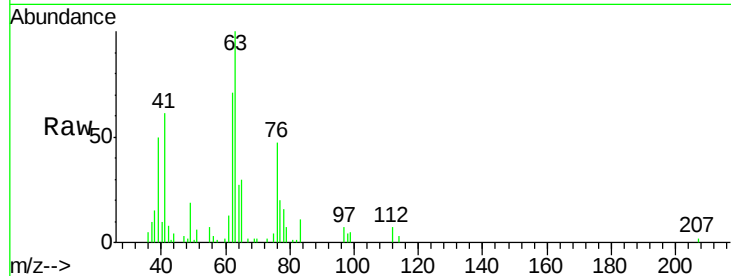
#40
 1,2-Dichloropropane
 Concen: 2.003 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 2 PPB

Tgt Ion: 63 Resp: 9785
 Ion Ratio Lower Upper
 63 100
 112 5.8 3.5 5.3#

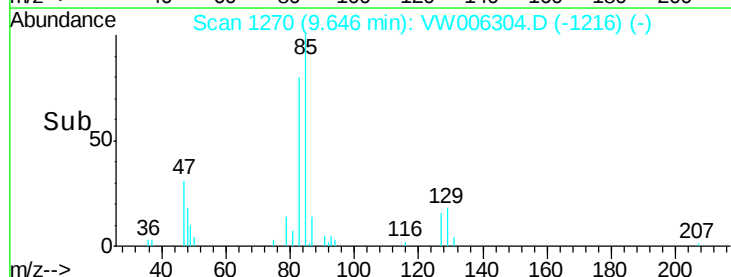
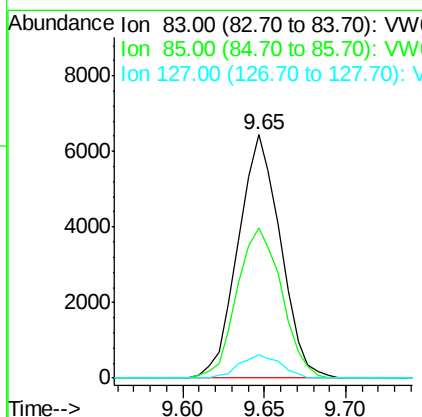
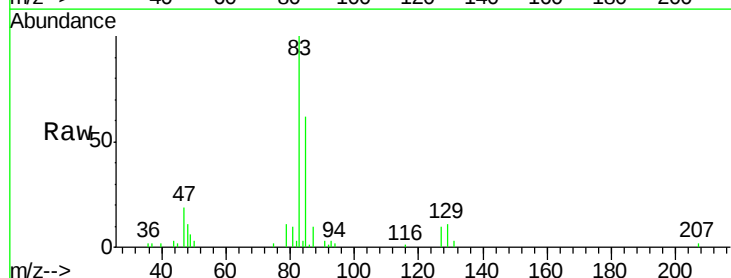
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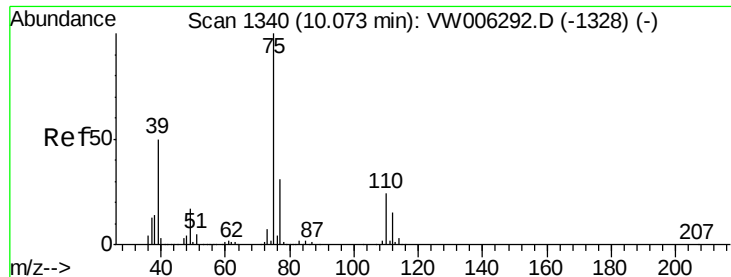
MMDadoda
 10/24/2018 2:08:27 PM



#41
 Bromodichloromethane
 Concen: 1.773 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Tgt Ion: 83 Resp: 11694
 Ion Ratio Lower Upper
 83 100
 85 61.7 45.5 84.5
 127 9.7 7.4 11.2





#42

cis-1,3-Dichloropropene

Concen: 1.766 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006304.D

Acq: 23 Oct 2018 19:25

Instrument :

MSVOA_W

ClientSampleId :

MDL 2 PPB

Tgt Ion: 75 Resp: 14089

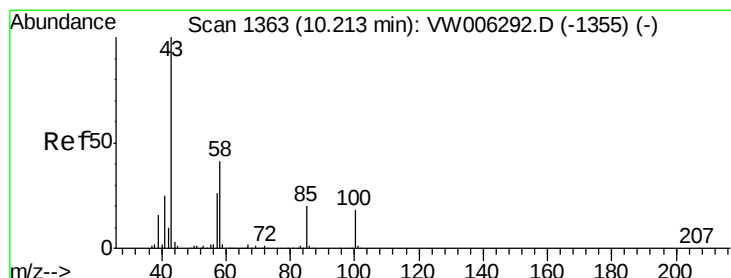
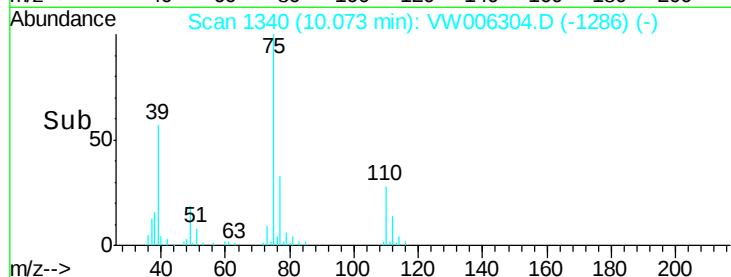
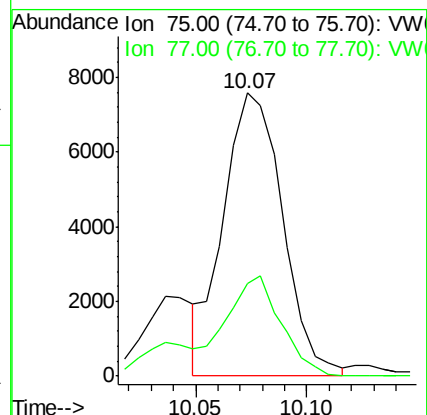
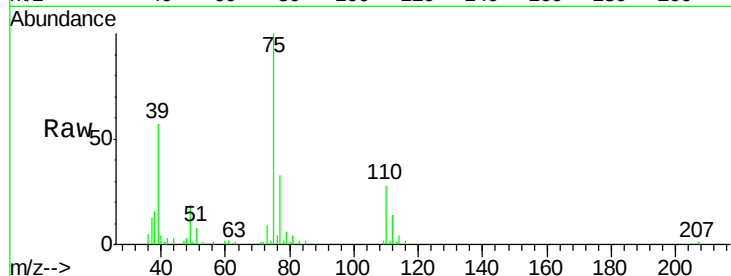
Ion Ratio Lower Upper

75 100

77 33.0 22.6 42.0

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#43

4-Methyl-2-pentanone

Concen: 3.191 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006304.D

Acq: 23 Oct 2018 19:25

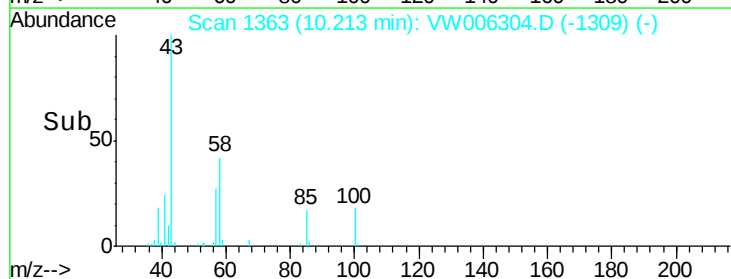
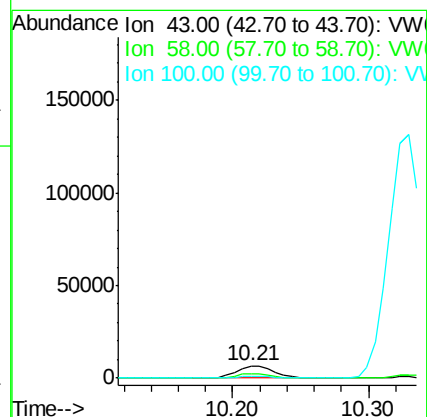
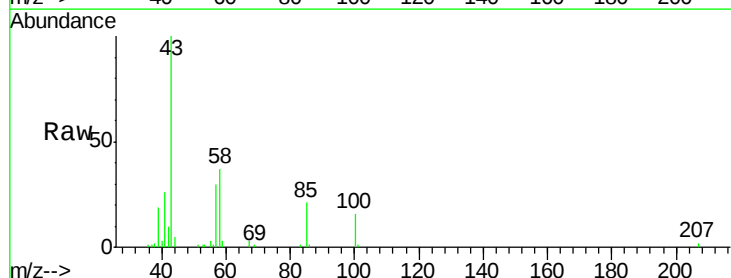
Tgt Ion: 43 Resp: 12493

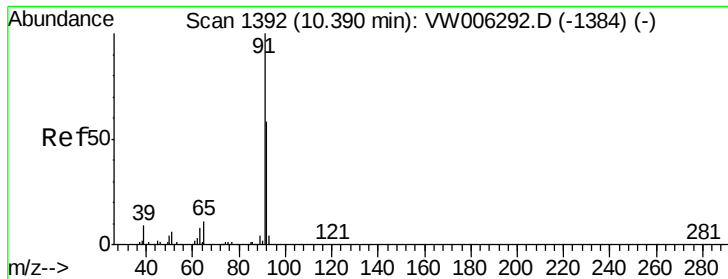
Ion Ratio Lower Upper

43 100

58 37.5 31.4 47.2

100 15.9 13.3 19.9





#44

Toluene

Concen: 2.062 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006304.D

Acq: 23 Oct 2018 19:25

Instrument :

MSVOA_W

ClientSampleId :

MDL 2 PPB

Tgt Ion: 91 Resp: 45594

Ion Ratio Lower Upper

91 100

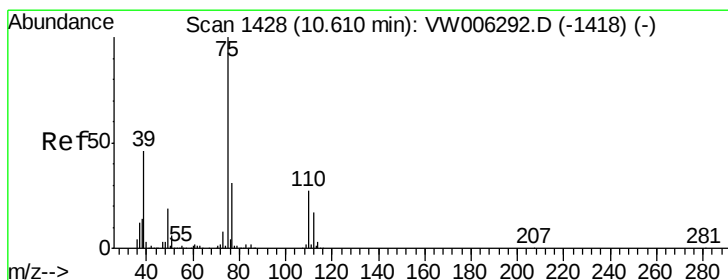
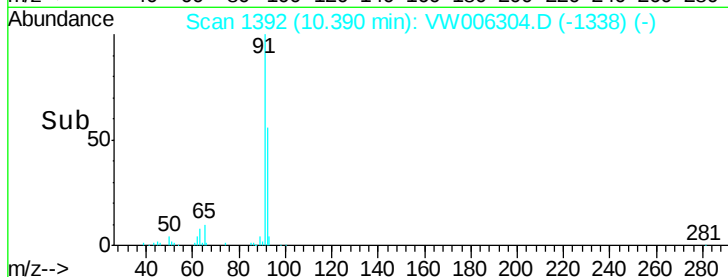
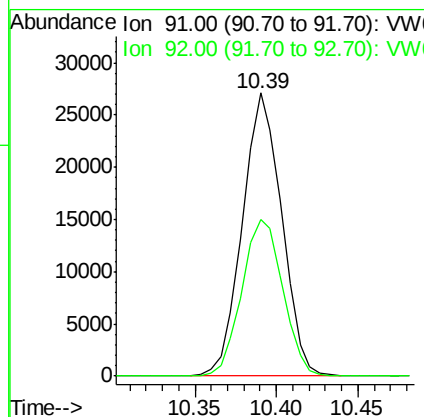
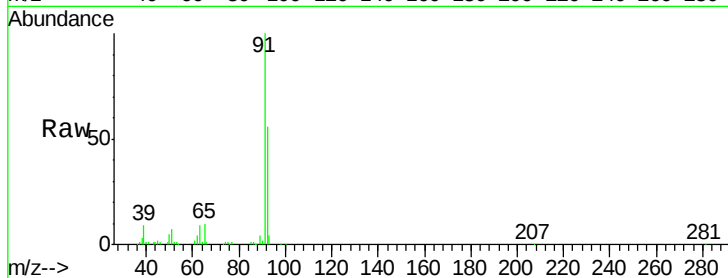
92 55.5 40.4 75.0

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#45

trans-1,3-Dichloropropene

Concen: 2.028 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006304.D

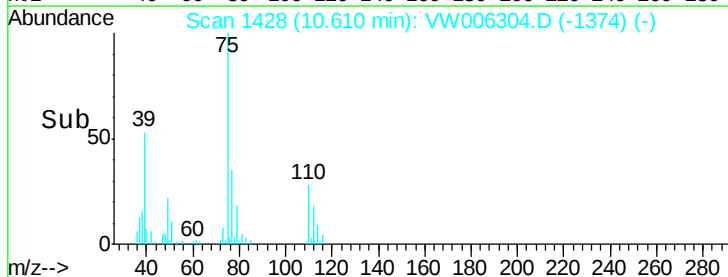
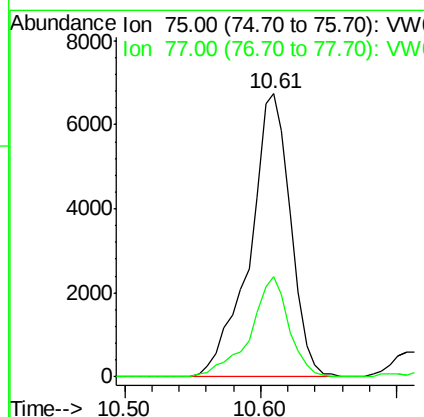
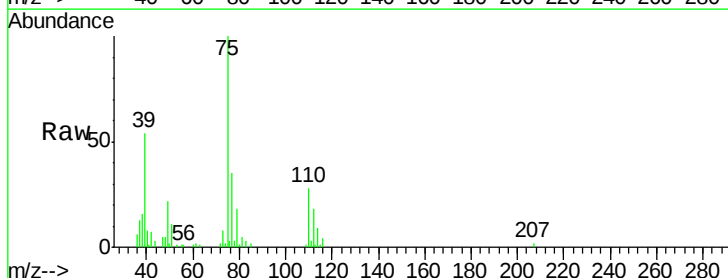
Acq: 23 Oct 2018 19:25

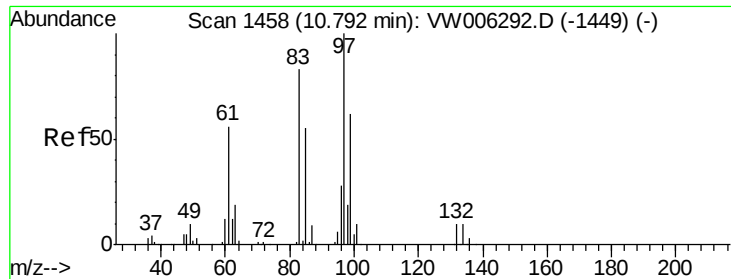
Tgt Ion: 75 Resp: 14134

Ion Ratio Lower Upper

75 100

77 35.4 22.4 41.6





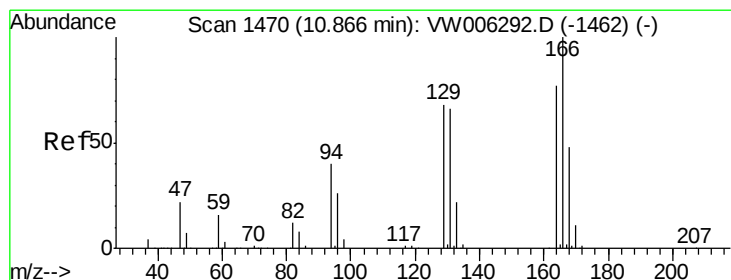
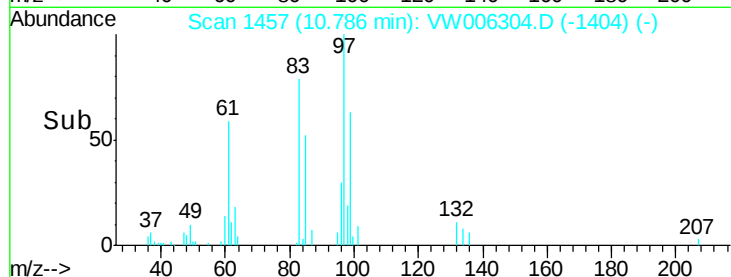
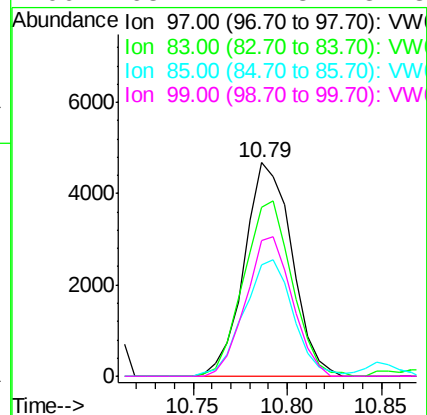
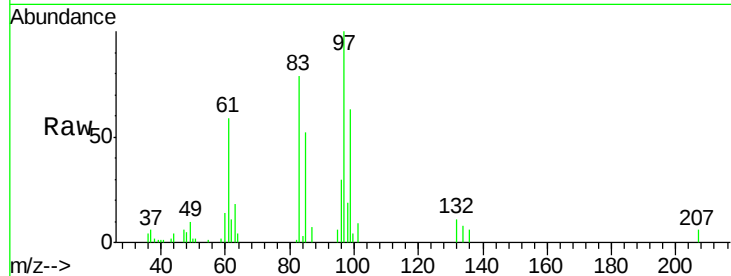
#46
1,1,2-Trichloroethane
Concen: 2.016 ug/L
RT: 10.79 min Scan# 1457
Delta R.T. -0.01 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Instrument :
MSVOA_W
ClientSampleId :
MDL 2 PPB

Tgt Ion:	97	Resp:	8202
Ion	Ratio	Lower	Upper
97	100		
83	79.1	60.0	111.4
85	51.9	38.7	71.9
99	63.4	44.3	82.3

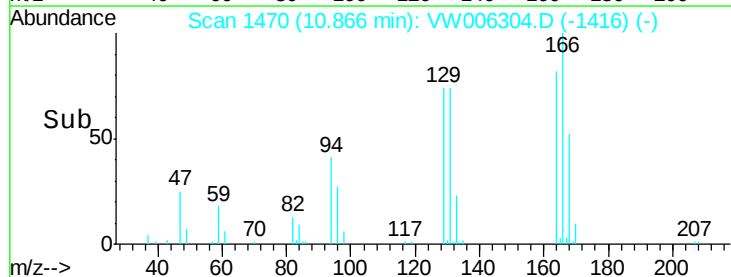
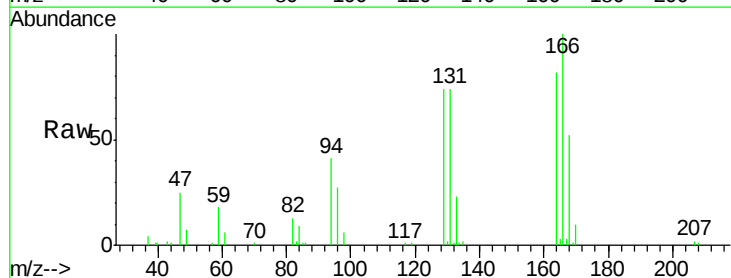
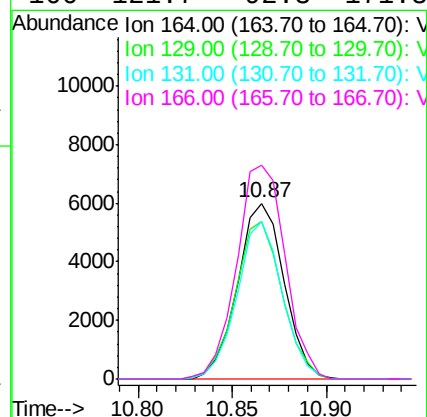
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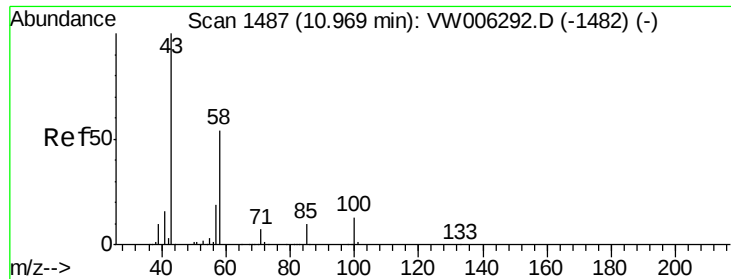
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#47
Tetrachloroethene
Concen: 2.007 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Tgt Ion:	164	Resp:	10296
Ion	Ratio	Lower	Upper
164	100		
129	89.7	65.4	121.4
131	89.6	63.8	118.4
166	121.7	92.3	171.3





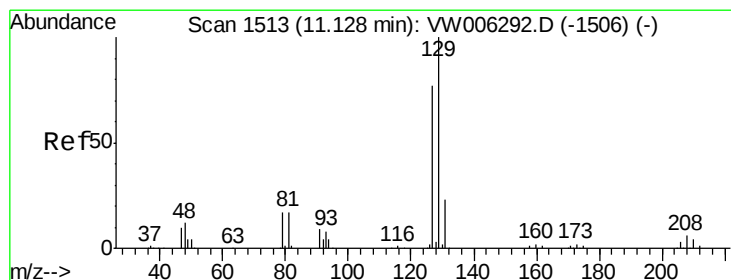
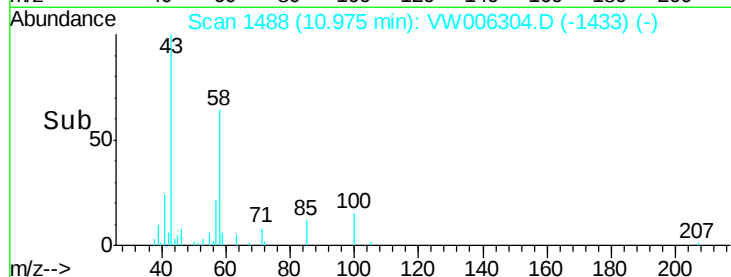
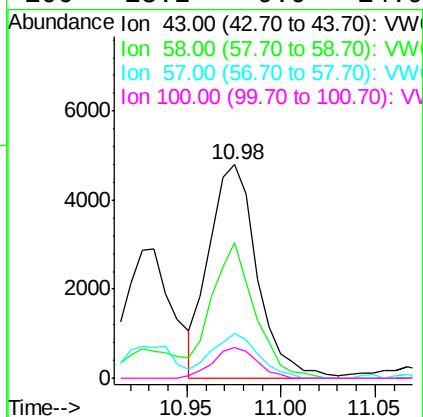
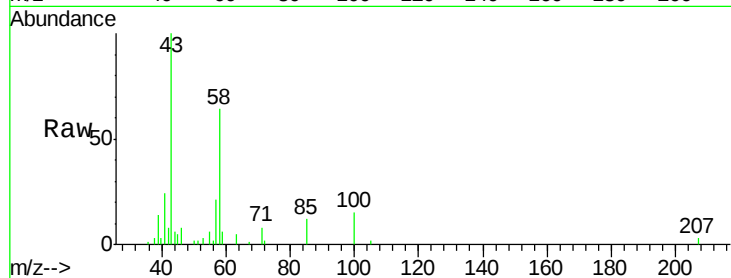
#49
2-Hexanone
Concen: 2.941 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Instrument :
MSVOA_W
ClientSampleId :
MDL 2 PPB

Tgt Ion:	43	Resp:	8485
Ion	Ratio	Lower	Upper
43	100		
58	56.7	42.1	63.1
57	20.3	15.1	22.7
100	13.2	9.9	14.9

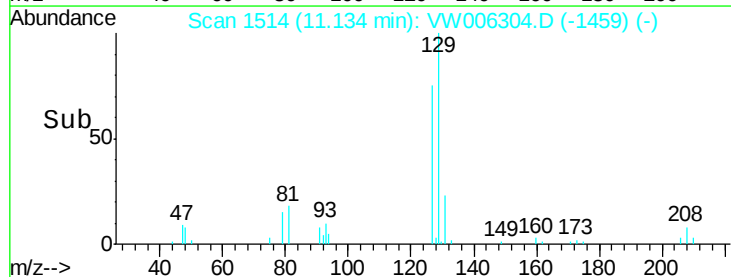
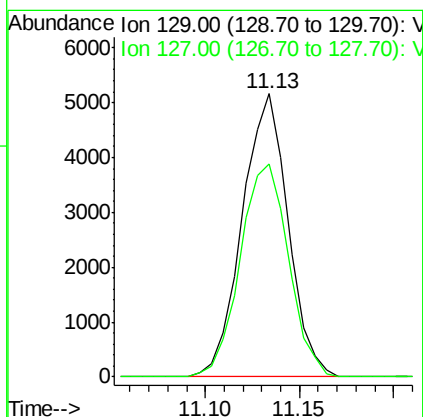
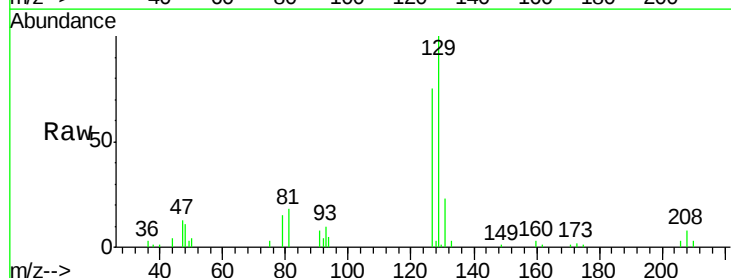
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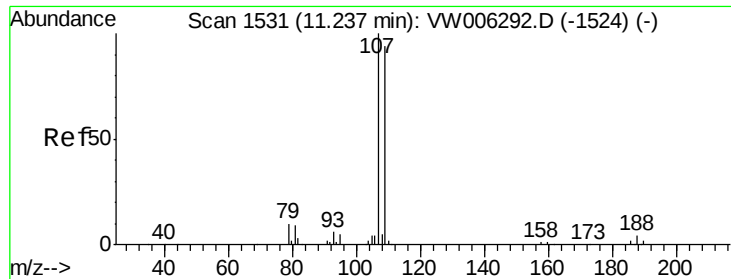
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#50
Dibromochloromethane
Concen: 1.667 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Tgt Ion:	129	Resp:	8691
Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.4	101.0





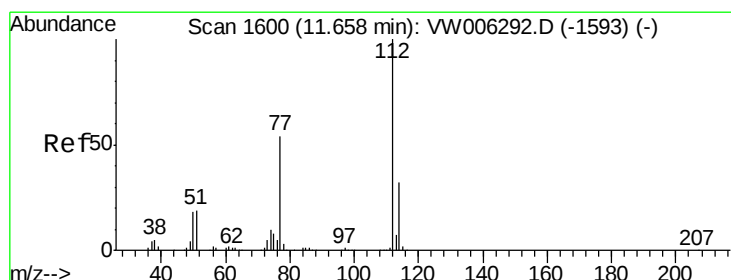
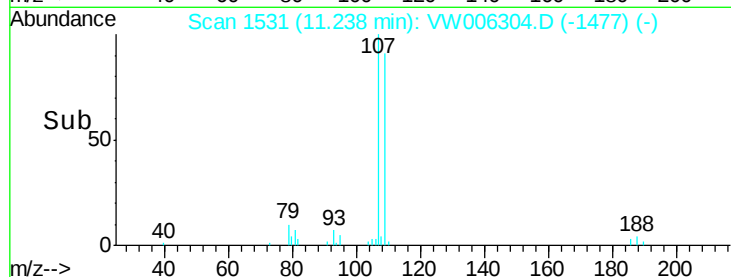
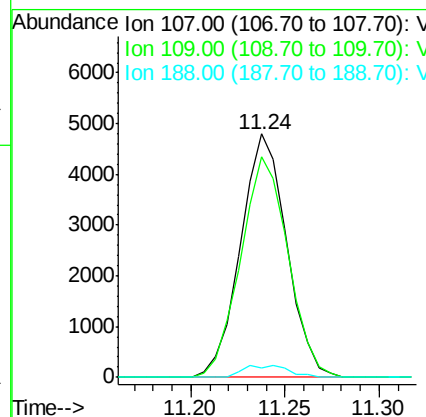
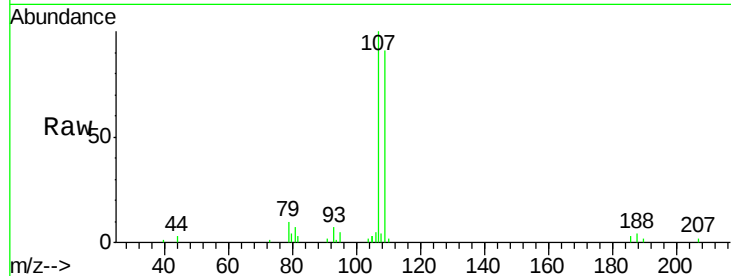
#51
1,2-Dibromoethane
Concen: 1.921 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Instrument :
MSVOA_W
ClientSampleId :
MDL 2 PPB

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	8135		
109	90.8	66.6	123.8	
188	3.9	3.4	5.0	

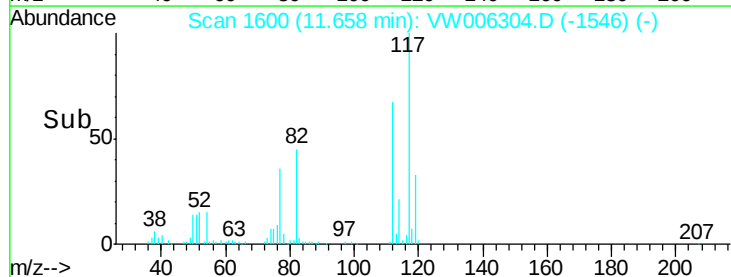
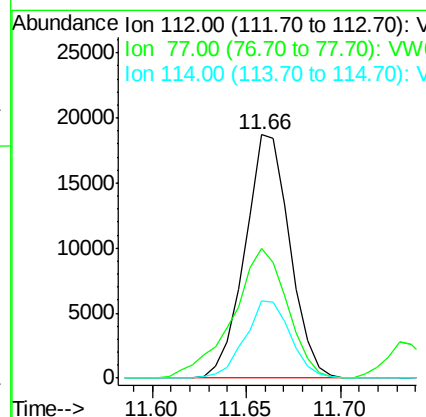
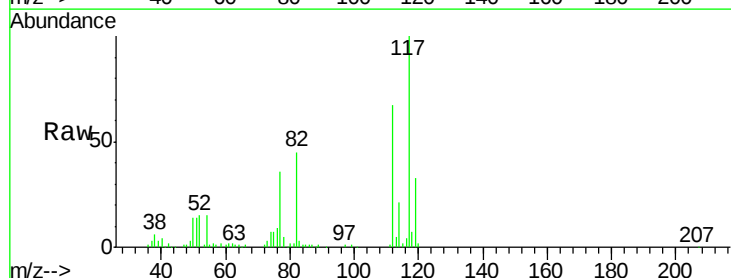
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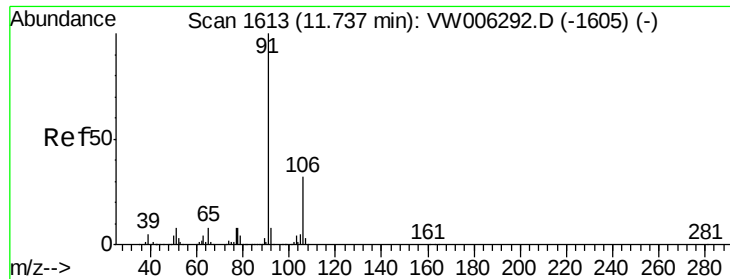
MMDadoda
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#52
Chlorobenzene
Concen: 2.066 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	30913		
77	53.5	44.2	66.2	
114	31.5	22.1	41.1	





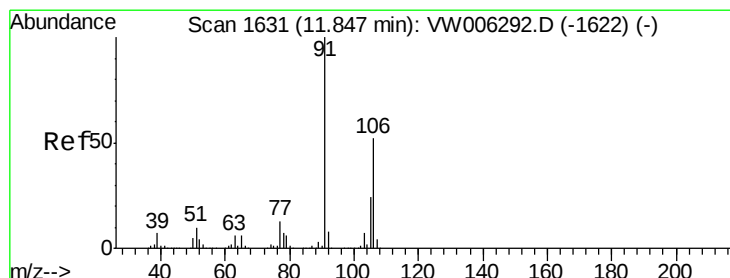
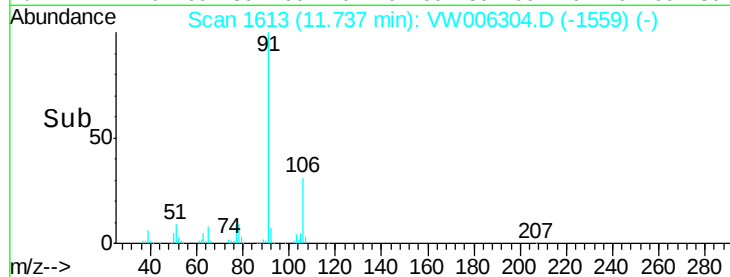
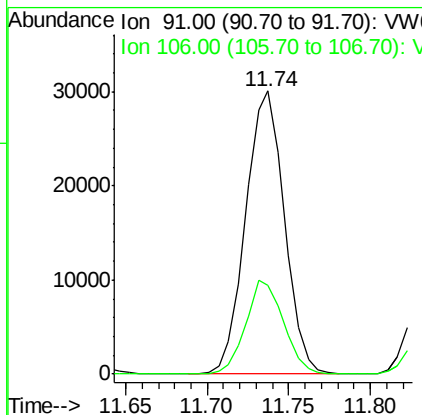
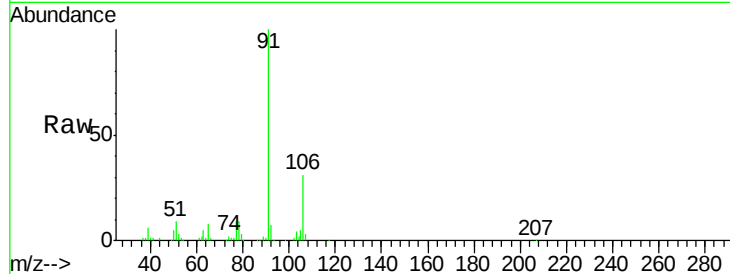
#53
Ethylbenzene
Concen: 1.928 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Instrument :
MSVOA_W
ClientSampleId :
MDL 2 PPB

Tgt Ion: 91 Resp: 49627
Ion Ratio Lower Upper
91 100
106 31.2 22.6 42.0

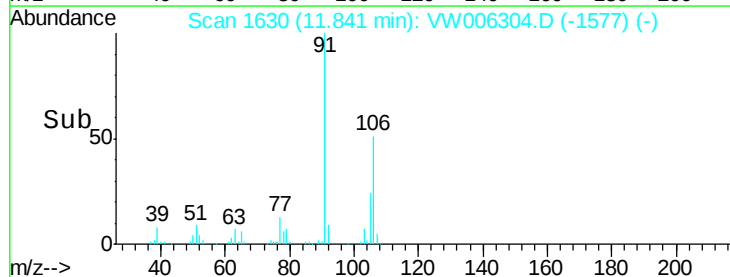
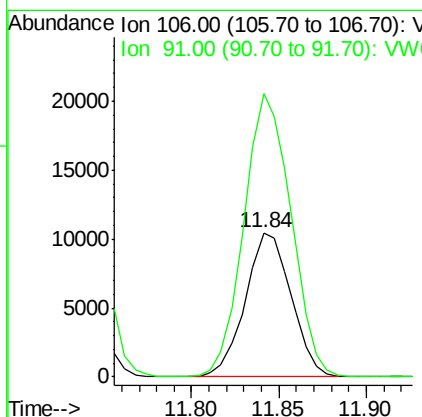
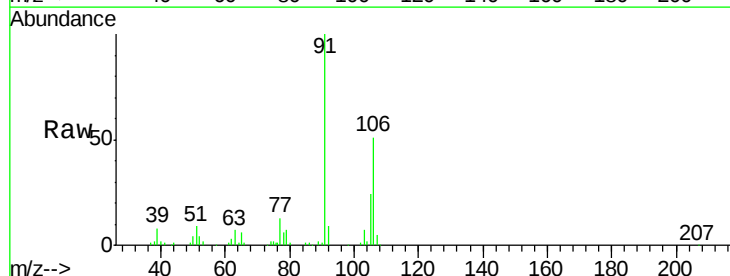
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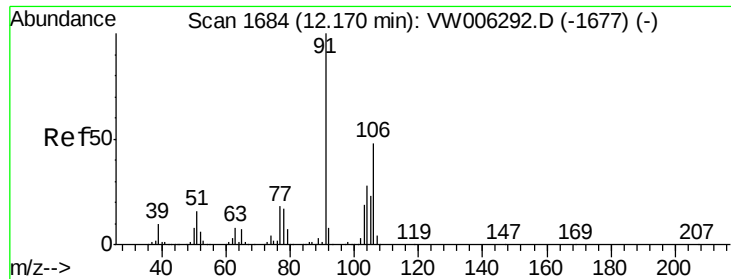
MMDadoda
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#54
m,p-Xylene
Concen: 1.888 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Tgt Ion: 106 Resp: 19049
Ion Ratio Lower Upper
106 100
91 196.2 138.4 257.0





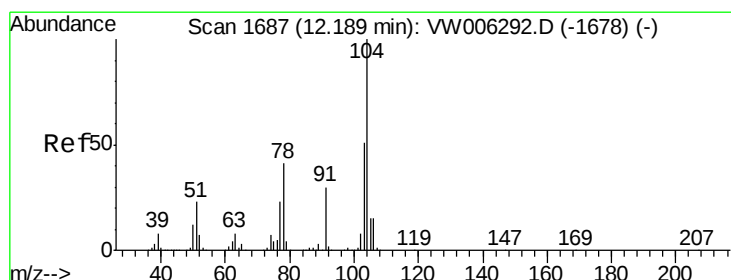
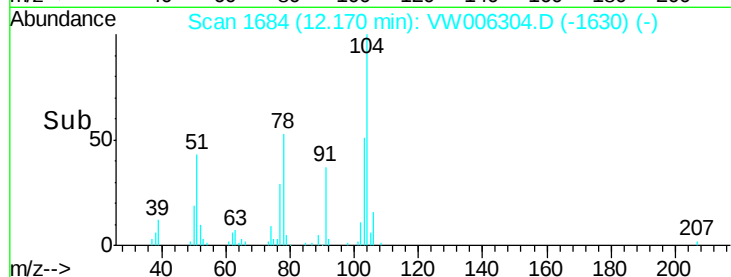
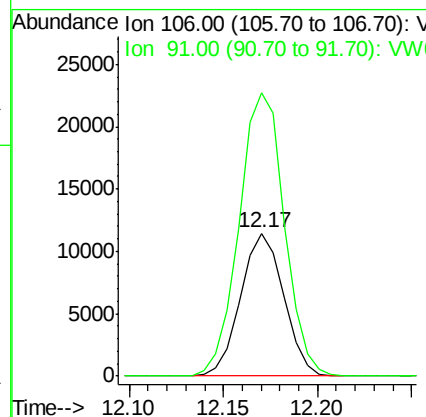
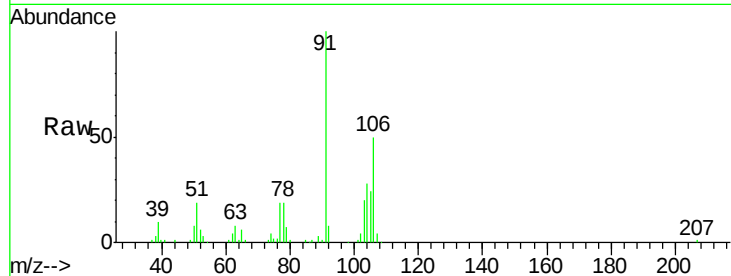
#55
o-xylene
Concen: 1.890 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Instrument :
MSVOA_W
ClientSampled :
MDL 2 PPB

Tgt Ion:106 Resp: 18206
Ion Ratio Lower Upper
106 100
91 198.5 148.7 276.1

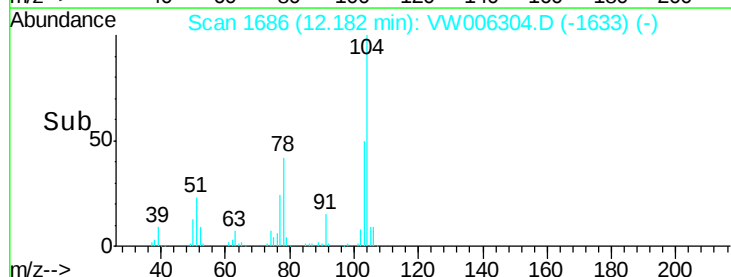
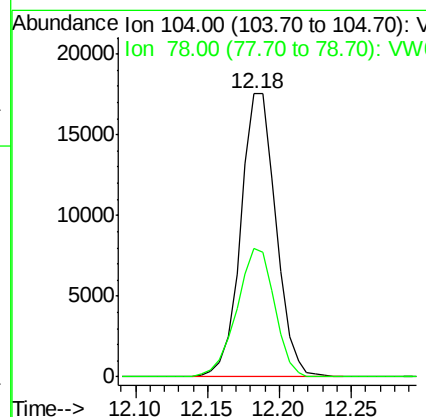
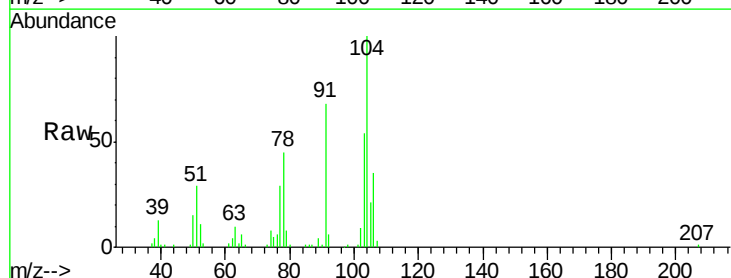
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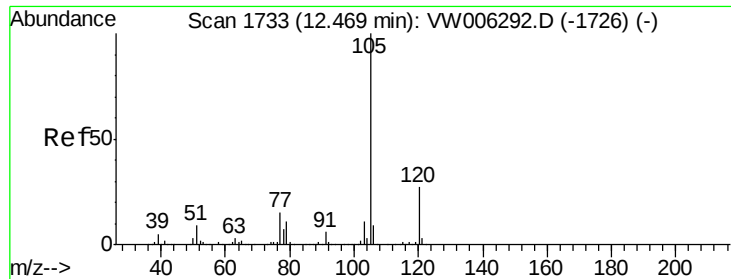
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#56
Styrene
Concen: 1.794 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Tgt Ion:104 Resp: 29767
Ion Ratio Lower Upper
104 100
78 45.5 31.2 58.0





#57

Isopropylbenzene

Concen: 1.821 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006304.D

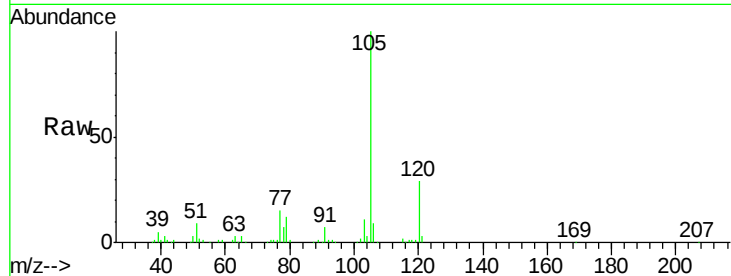
Acq: 23 Oct 2018 19:25

Instrument :

MSVOA_W

ClientSampleId :

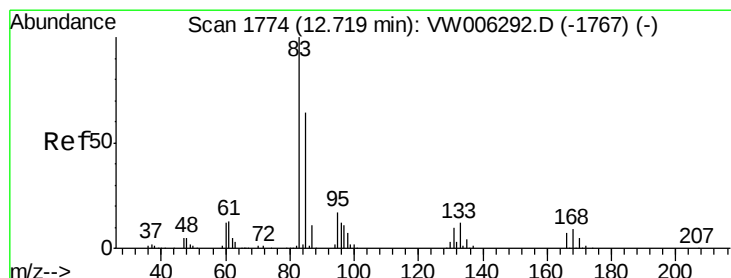
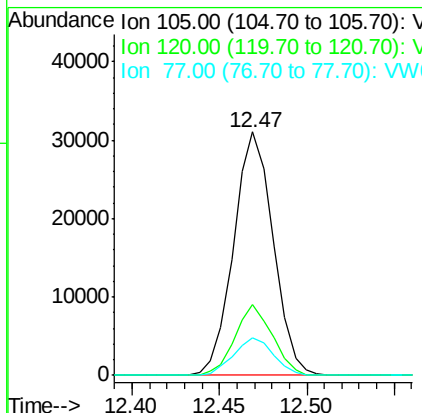
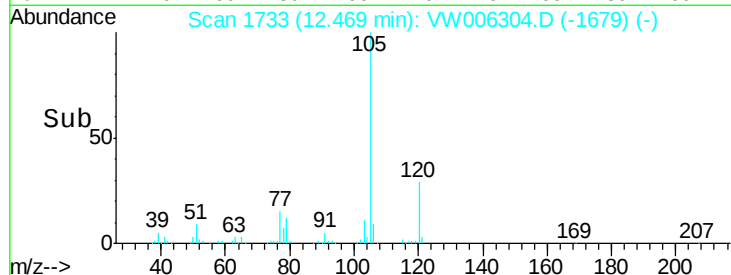
MDL 2 PPB



Tgt Ion:	105	Resp:	48804
Ion Ratio	Lower	Upper	
105	100		
120	27.6	21.8	32.6
77	15.6	12.2	18.2

Manual Integrations
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#58

1,1,2,2-Tetrachloroethane

Concen: 1.983 ug/L

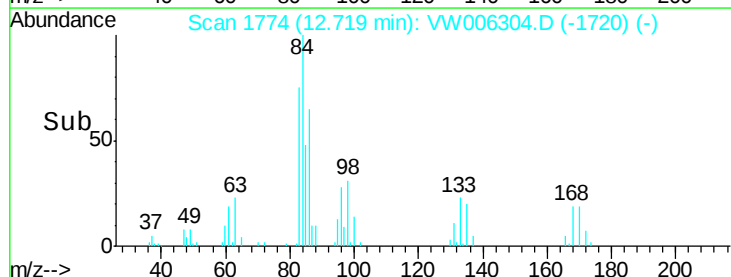
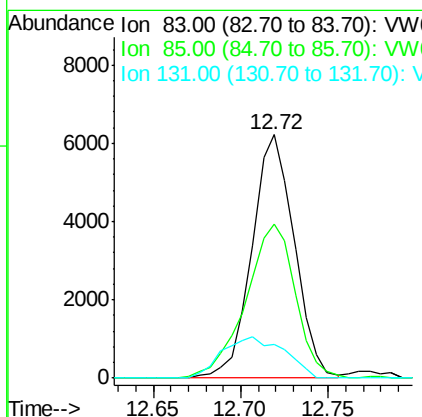
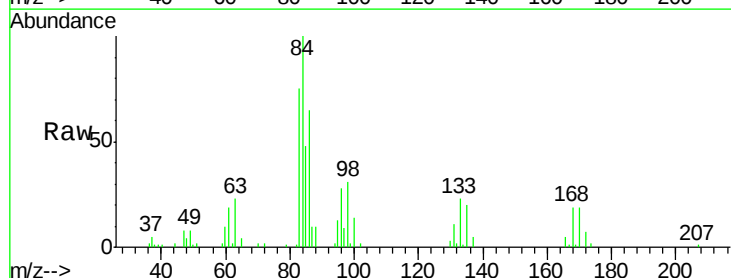
RT: 12.72 min Scan# 1774

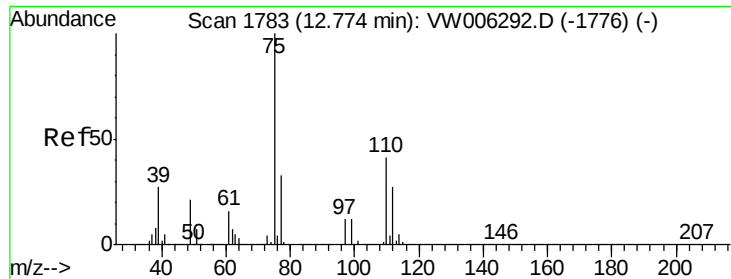
Delta R.T. 0.00 min

Lab File: VW006304.D

Acq: 23 Oct 2018 19:25

Tgt Ion:	83	Resp:	10483
Ion Ratio	Lower	Upper	
83	100		
85	63.2	44.8	83.2
131	14.1	9.0	13.4#





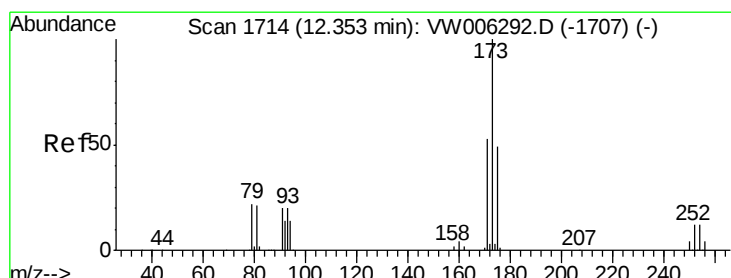
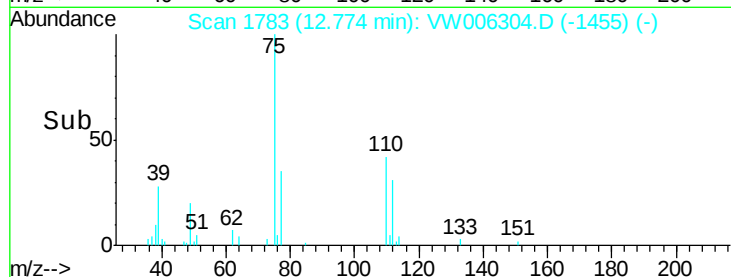
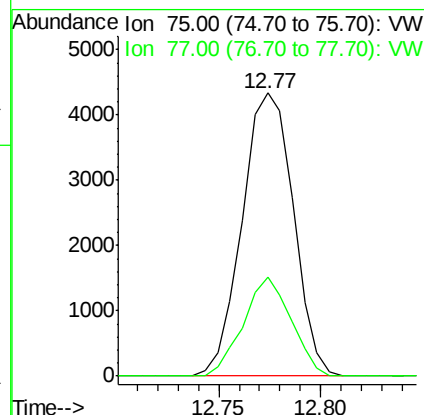
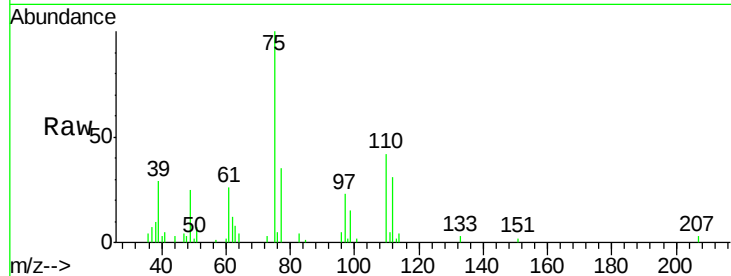
#59
 1,2,3-Trichloropropane
 Concen: 1.916 ug/L
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 2 PPB

Tgt Ion: 75 Resp: 7559
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.9 38.9

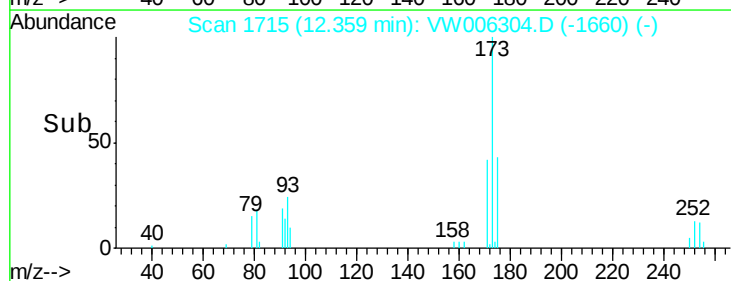
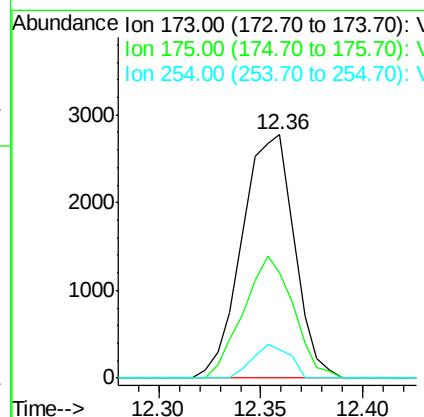
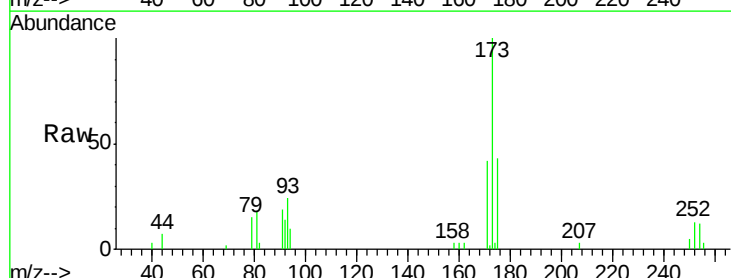
Manual Integrations
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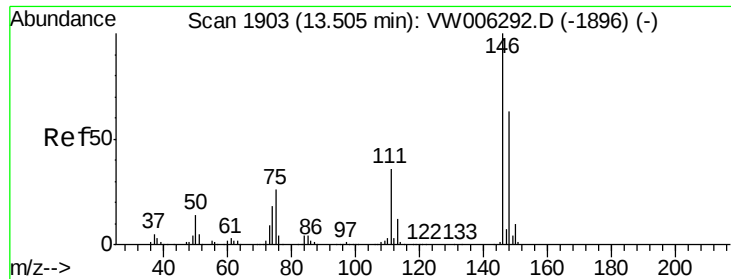
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#62
 Bromoform
 Concen: 1.447 ug/L
 RT: 12.36 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Tgt Ion: 173 Resp: 4944
 Ion Ratio Lower Upper
 173 100
 175 48.0 39.1 58.7
 254 9.8 9.2 13.8





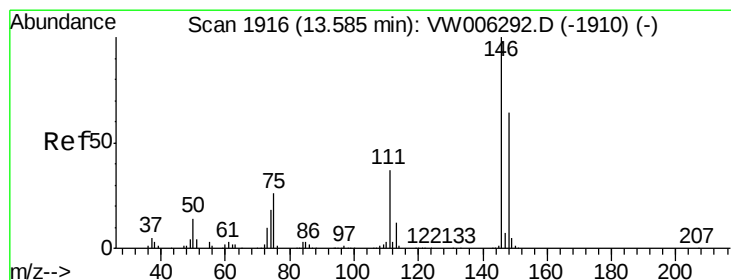
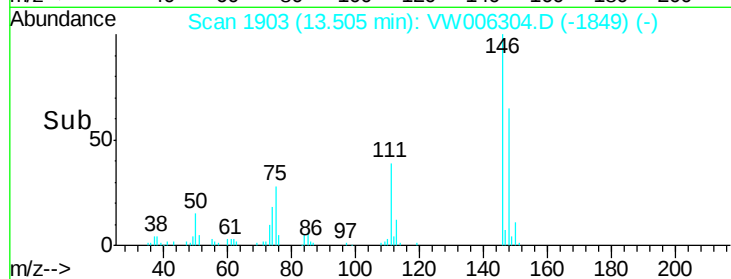
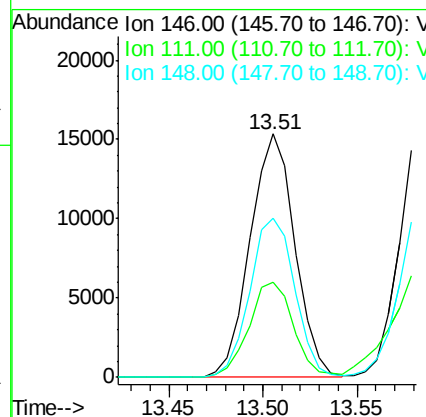
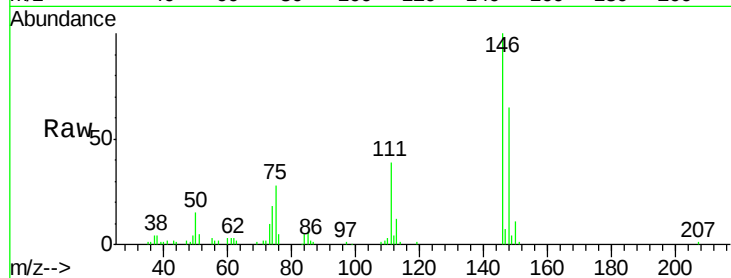
#63
 1,3-Dichlorobenzene
 Concen: 2.013 ug/L
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 2 PPB

Tgt Ion:146 Resp: 25197
 Ion Ratio Lower Upper
 146 100
 111 38.9 26.3 48.9
 148 65.2 44.7 82.9

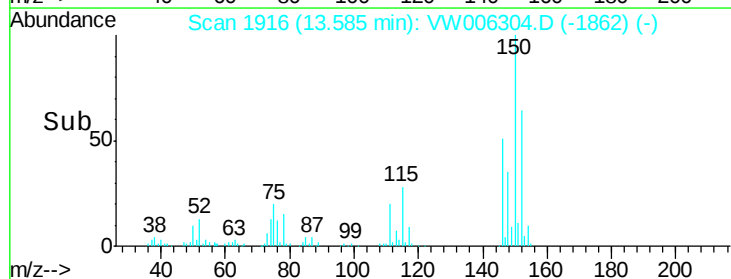
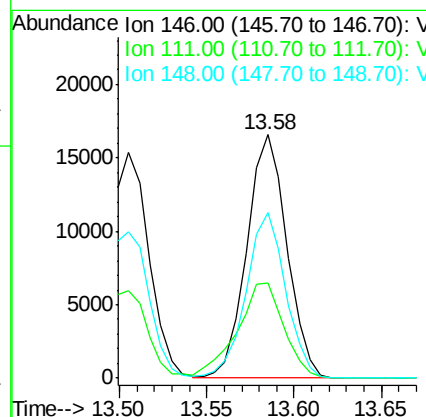
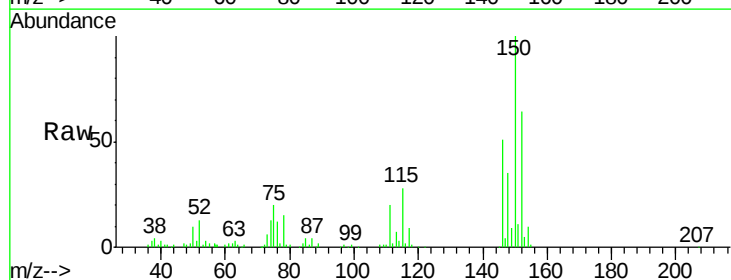
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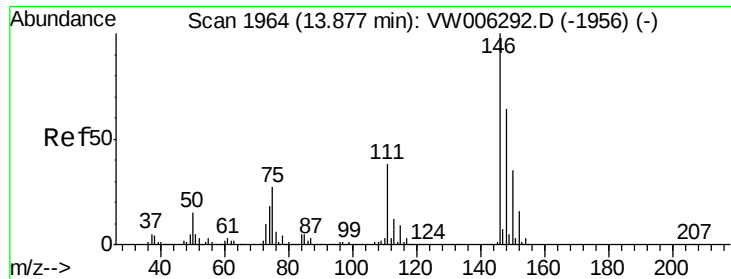
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#64
 1,4-Dichlorobenzene
 Concen: 2.086 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Tgt Ion:146 Resp: 26303
 Ion Ratio Lower Upper
 146 100
 111 38.8 24.7 45.9
 148 67.8 44.9 83.5





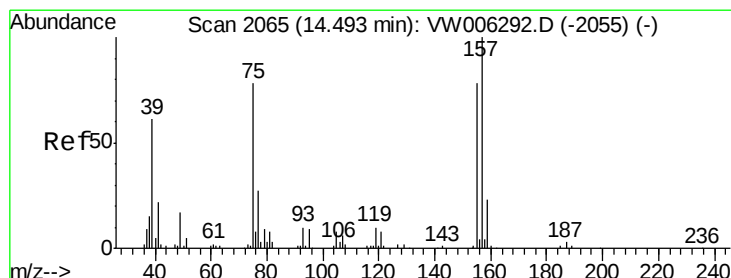
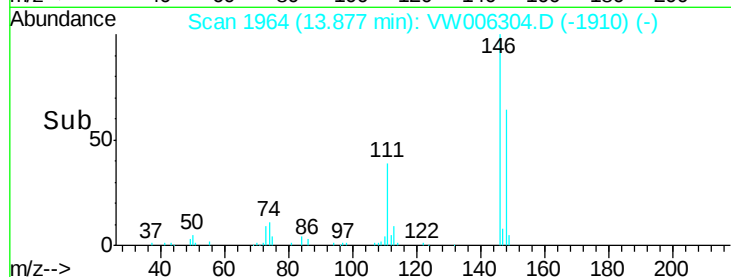
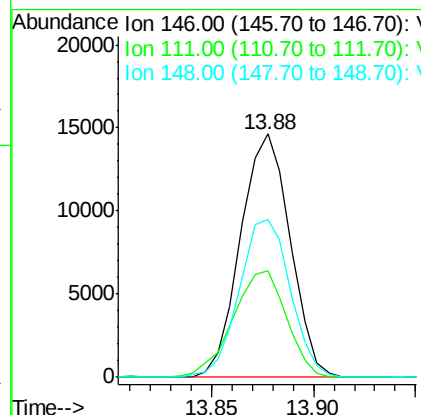
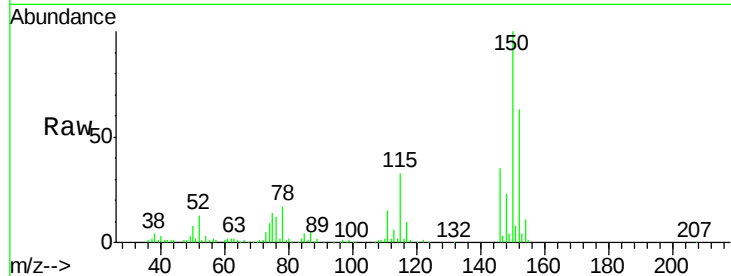
#65
 1,2-Dichlorobenzene
 Concen: 2.147 ug/L
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006304.D
 Acq: 23 Oct 2018 19:25

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 2 PPB

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	31.1	46.7
148	64.8	51.2	76.8

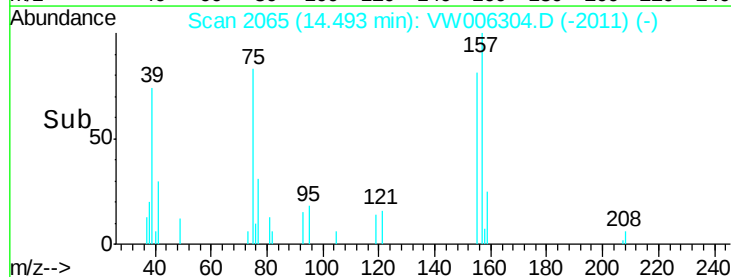
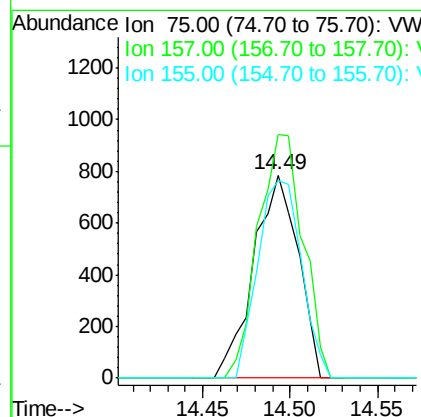
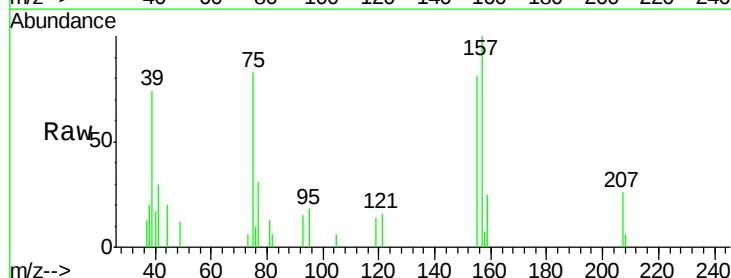
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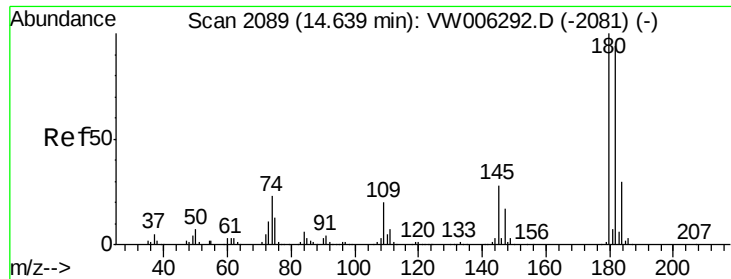
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#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.502 ug/L
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006304.D
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Tgt Ion	Ratio	Lower	Upper
75	100		
157	119.8	106.8	160.2
155	97.1	79.2	118.8





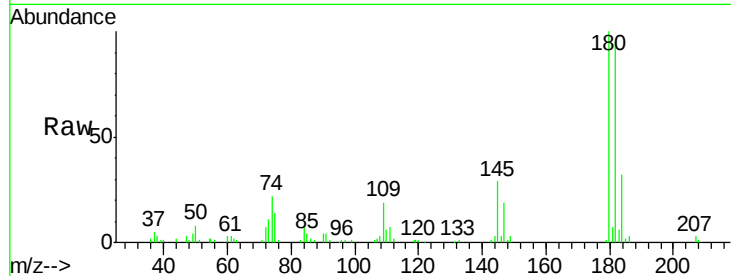
#67
1,3,5-Trichlorobenzene
Concen: 2.012 ug/L
RT: 14.64 min Scan# 2089
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Instrument :
MSVOA_W
ClientSampleId :
MDL 2 PPB

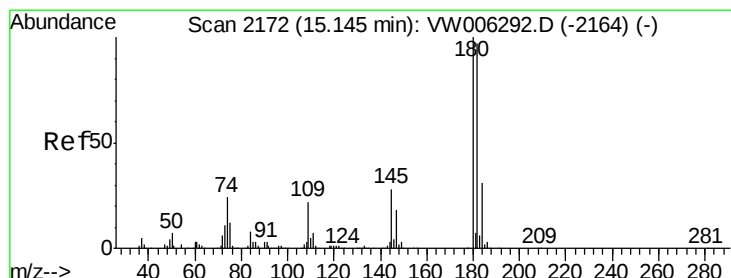
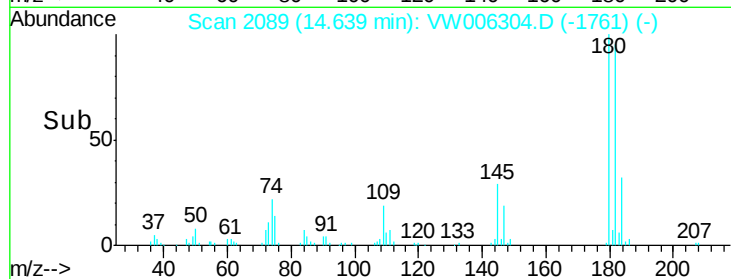
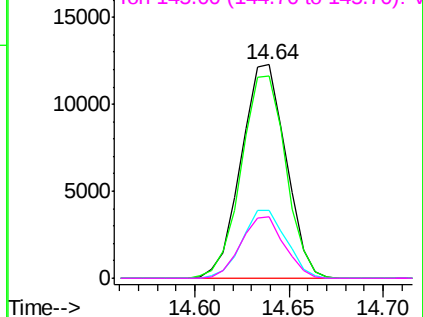
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.0	76.0	114.0
184	31.1	24.3	36.5
145	28.0	22.6	33.8

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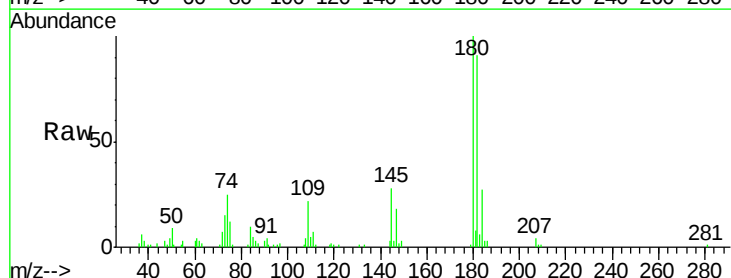


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 184.00 (183.70 to 184.70): V
Ion 145.00 (144.70 to 145.70): V

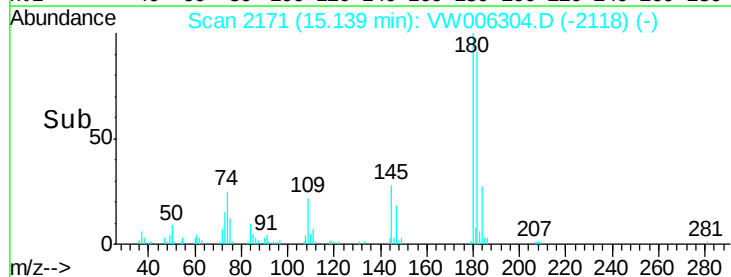
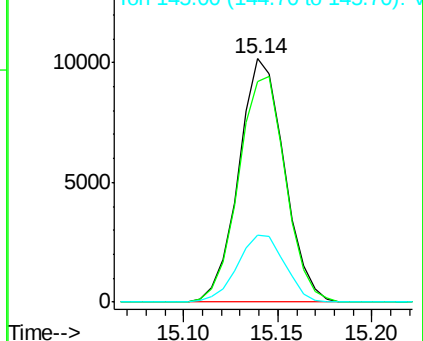


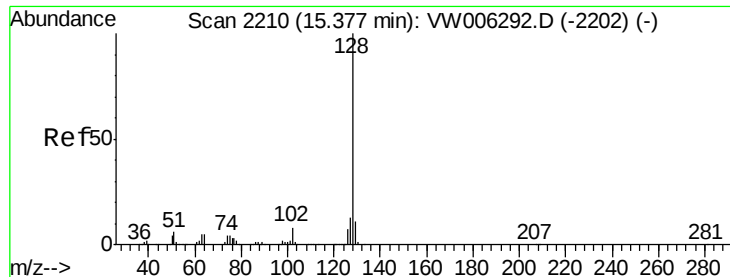
#68
1,2,4-trichlorobenzene
Concen: 1.986 ug/L
RT: 15.14 min Scan# 2171
Delta R.T. -0.01 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	76.2	114.2
145	28.5	23.0	34.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V





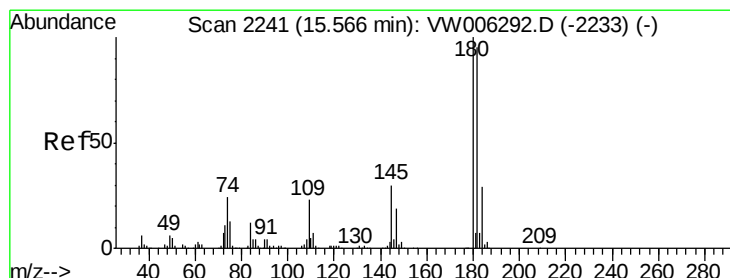
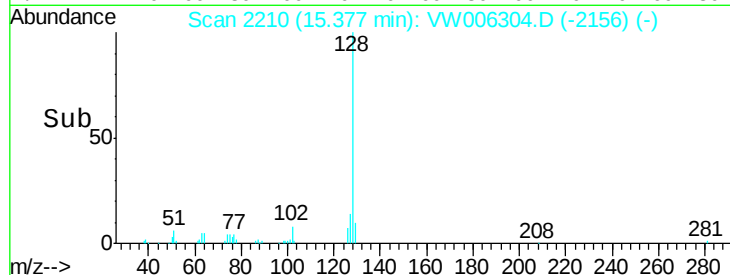
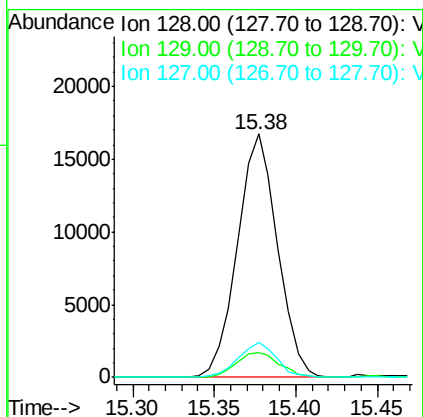
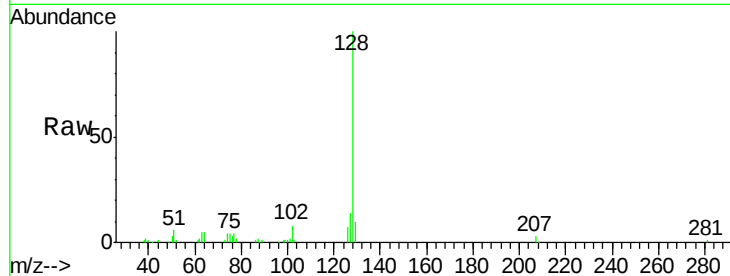
#69
Naphthalene
Concen: 1.642 ug/L
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Instrument :
MSVOA_W
ClientSampleId :
MDL 2 PPB

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	28614		
129	11.0	8.9	13.3	
127	13.8	10.5	15.7	

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#70
1,2,3-Trichlorobenzene
Concen: 2.012 ug/L
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006304.D
Acq: 23 Oct 2018 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	15552		
182	96.7	75.5	113.3	
145	28.9	24.5	36.7	

