

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101618\
 Data File : VW006071.D
 Acq On : 16 Oct 2018 11:39
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/17/2018 10:04:41 AM

Quant Time: Oct 16 14:51:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	305245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	429285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	221835	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119682	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	7.89	113	127280	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.33	98	489029	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.62	95	184617	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	78975	52.283	ug/l	97
3) Chloromethane	2.22	50	95462	49.096	ug/l	100
4) Vinyl Chloride	2.37	62	144937	52.196	ug/l	100
5) Bromomethane	2.79	94	125932	49.862	ug/l	98
6) Chloroethane	2.93	64	96785	48.637	ug/l	98
7) Trichlorofluoromethane	3.26	101	137422	53.125	ug/l	99
8) Diethyl Ether	3.68	74	59847	43.533	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	141319	52.130	ug/l	99
10) Methyl Iodide	4.27	142	234014	51.864	ug/l	100
11) Tert butyl alcohol	5.20	59	39744	233.517	ug/l	100
12) 1,1-Dichloroethene	4.04	96	128999	50.579	ug/l	96
13) Acrolein	3.90	56	41027	249.119	ug/l	98
14) Allyl chloride	4.67	41	187729	51.479	ug/l	99
15) Acrylonitrile	5.37	53	115369	233.970	ug/l	99
16) Acetone	4.14	43	136502	289.876	ug/l	98
17) Carbon Disulfide	4.38	76	405638	52.699	ug/l	99
18) Methyl Acetate	4.67	43	56341	44.240	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	186388	47.982	ug/l	98
20) Methylene Chloride	4.92	84	129542	48.323	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	144812	50.869	ug/l	99
22) Diisopropyl ether	6.32	45	360222	49.986	ug/l	98
23) Vinyl Acetate	6.26	43	1034338	243.208	ug/l	99
24) 1,1-Dichloroethane	6.22	63	234949	50.526	ug/l	99
25) 2-Butanone	7.18	43	161457	236.168	ug/l	100
26) 2,2-Dichloropropane	7.17	77	173704	52.964	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	155741	49.575	ug/l	98
28) Bromochloromethane	7.51	49	95867	53.402	ug/l	99
29) Tetrahydrofuran	7.53	42	94394	224.627	ug/l	100
30) Chloroform	7.68	83	254365	50.208	ug/l	100
31) Cyclohexane	7.96	56	227707	49.173	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	237635	51.999	ug/l	99
36) 1,1-Dichloropropene	8.09	75	205801	52.012	ug/l	100
37) Ethyl Acetate	7.26	43	69718	47.424	ug/l	99
38) Carbon Tetrachloride	8.07	117	231614	53.396	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	280178	53.269	ug/l	99
40) Benzene	8.33	78	557537	51.368	ug/l	99
41) Methacrylonitrile	7.49	41	41342	46.649	ug/l	97
42) 1,2-Dichloroethane	8.40	62	158539	49.717	ug/l	100
43) Isopropyl Acetate	8.43	43	143030	47.584	ug/l	99
44) Trichloroethene	9.09	130	173256	52.030	ug/l	98
45) 1,2-Dichloropropane	9.37	63	130218	50.137	ug/l	98
46) Dibromomethane	9.46	93	72909	49.253	ug/l	98
47) Bromodichloromethane	9.65	83	183368	51.093	ug/l	99
48) Methyl methacrylate	9.44	41	67962	47.699	ug/l	99
49) 1,4-Dioxane	9.47	88	21551	945.684	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	350875	232.979	ug/l	100
52) Toluene	10.39	92	373189	51.286	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	185353	51.836	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	212335	51.740	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	101867	49.175	ug/l	99
56) Ethyl methacrylate	10.65	69	123441	48.608	ug/l	98
57) 1,3-Dichloropropane	10.94	76	167551	48.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	219994	226.709	ug/l	99
59) 2-Hexanone	10.98	43	258813	240.742	ug/l	99
60) Dibromochloromethane	11.13	129	132665	51.415	ug/l	100
61) 1,2-Dibromoethane	11.24	107	102256	49.403	ug/l	99
64) Tetrachloroethene	10.87	164	153987	51.029	ug/l	99
65) Chlorobenzene	11.66	112	426892	51.301	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	156603	52.956	ug/l	99
67) Ethyl Benzene	11.74	91	757231	52.508	ug/l	99
68) m/p-Xylenes	11.85	106	600531	105.356	ug/l	100
69) o-Xylene	12.17	106	283989	52.278	ug/l	99
70) Styrene	12.19	104	459832	52.055	ug/l	100
71) Bromoform	12.35	173	83152	50.412	ug/l	98
73) Isopropylbenzene	12.47	105	809816	51.673	ug/l	100
74) N-amyl acetate	12.28	43	146129	48.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	114615	48.084	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	74162m	43.769	ug/l	
77) Bromobenzene	12.75	156	194841	50.759	ug/l	99
78) n-propylbenzene	12.81	91	950266	52.118	ug/l	100
79) 2-Chlorotoluene	12.90	91	526193	51.364	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	681828	51.607	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36148	50.997	ug/l	98
82) 4-Chlorotoluene	12.99	91	562032	52.373	ug/l	100
83) tert-Butylbenzene	13.21	119	618019	52.283	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	694304	51.933	ug/l	100
85) sec-Butylbenzene	13.39	105	876488	52.486	ug/l	100
86) p-Isopropyltoluene	13.51	119	794251	52.583	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	391177	51.205	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	386309	50.788	ug/l	99
89) n-Butylbenzene	13.83	91	733759	53.118	ug/l	99
90) Hexachloroethane	14.10	117	136986	53.542	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	342930	50.325	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19942	46.728	ug/l	98

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Manual Integrations
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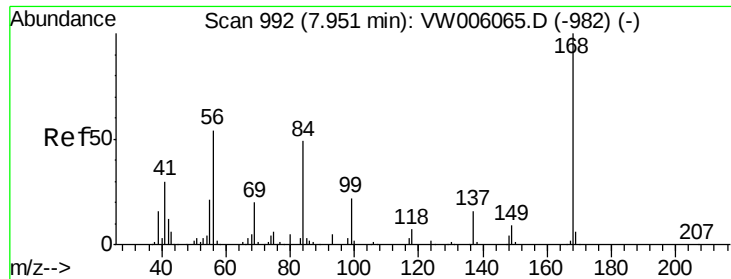
apatel
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	261931	49.956	ug/l	100
94) Hexachlorobutadiene	15.24	225	170905	51.888	ug/l	99
95) Naphthalene	15.38	128	415257	47.609	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	223588	49.301	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 305245

Ion Ratio Lower Upper

168 100

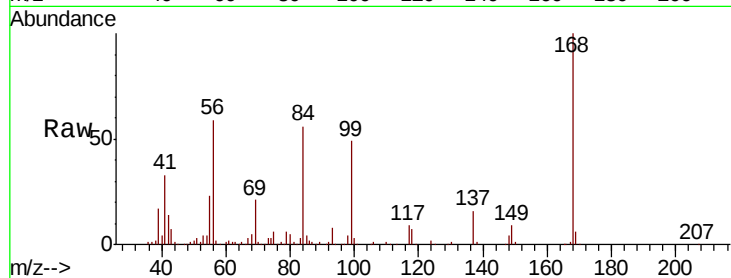
99 49.3 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

150000

100000

50000

0

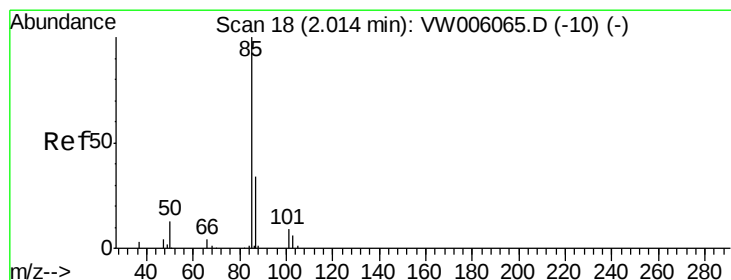
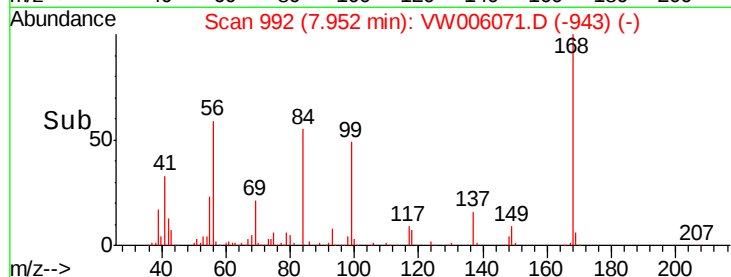
7.90

8.00

Time-->

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#2

Dichlorodifluoromethane

Concen: 52.283 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006071.D

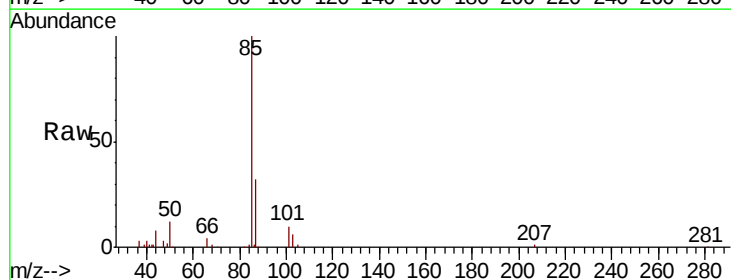
Acq: 16 Oct 2018 11:39

Tgt Ion: 85 Resp: 78975

Ion Ratio Lower Upper

85 100

87 32.0 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

15000

10000

5000

0

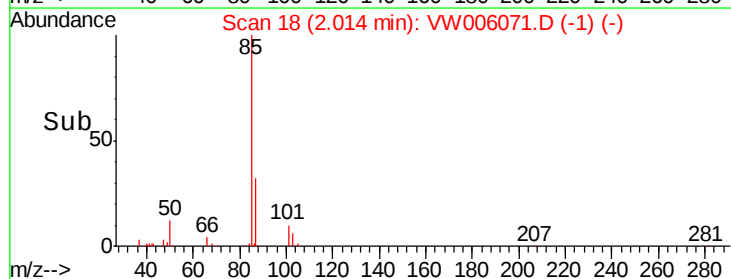
1.90

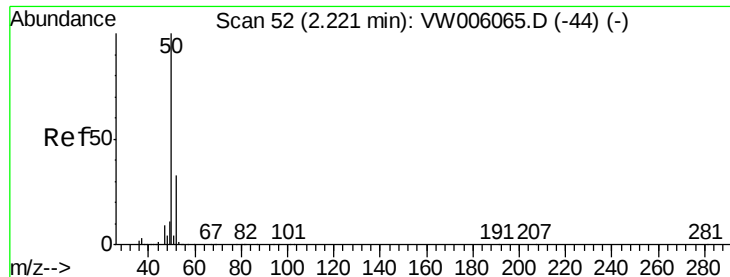
2.01

2.10

2.20

Time-->





#3

Chloromethane

Concen: 49.096 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tot Ion: 50 Resp: 95462

Ion Ratio Lower Upper

50 100

52 33.4 26.8 40.2

Instrument :

MSVOA_W

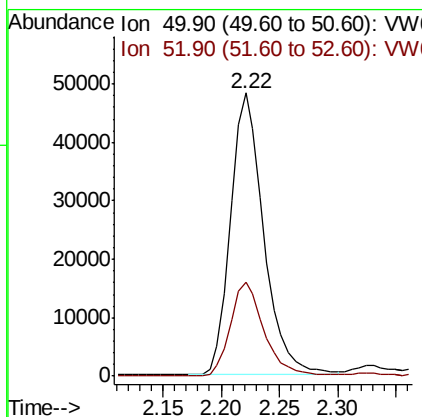
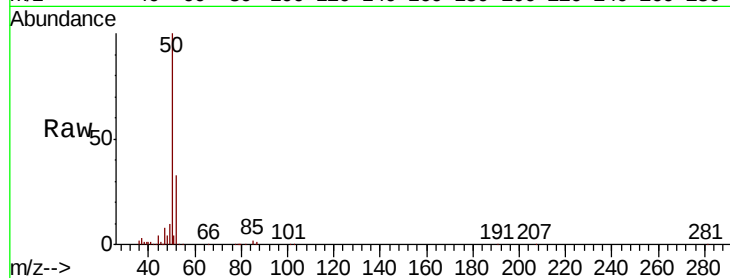
ClientSampleId :

VSTDCCC050

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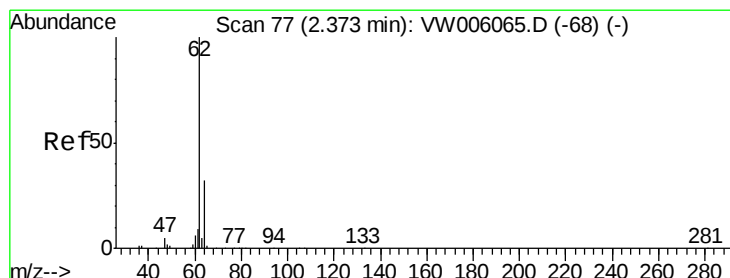
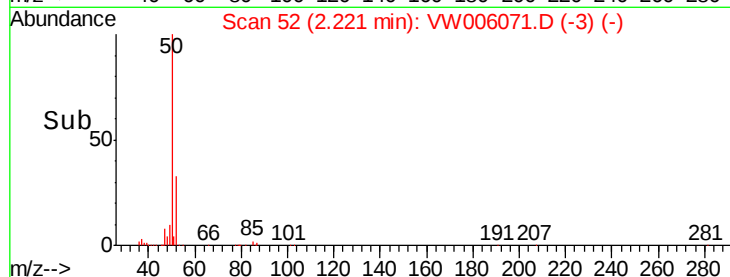
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#4

Vinyl Chloride

Concen: 52.196 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW006071.D

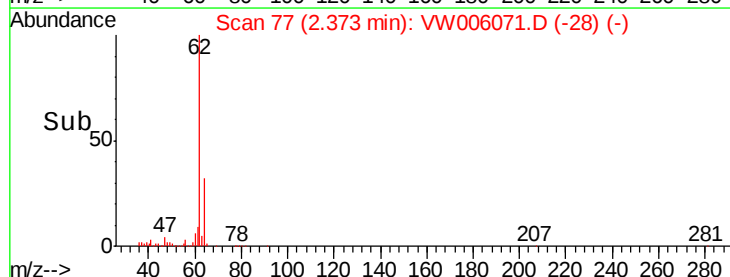
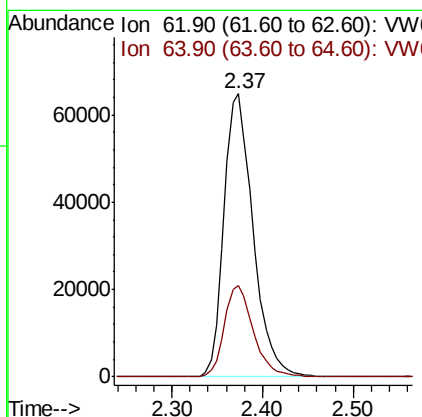
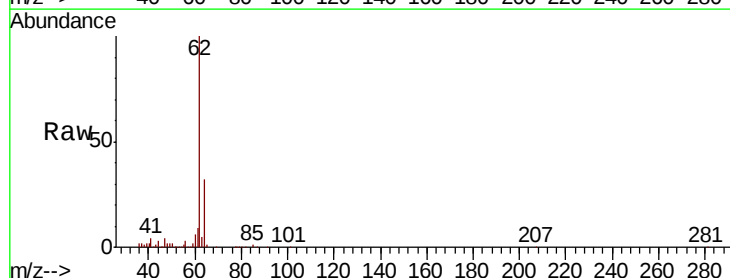
Acq: 16 Oct 2018 11:39

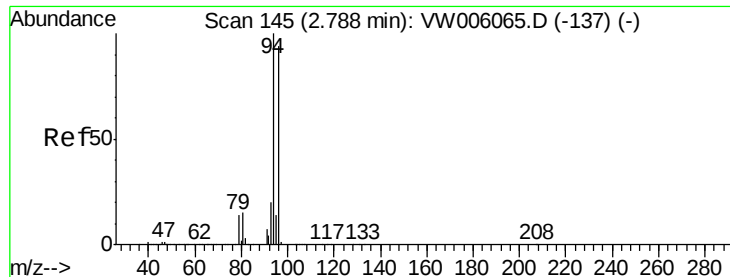
Tgt Ion: 62 Resp: 144937

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9





#5

Bromomethane

Concen: 49.862 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 125932

Ion Ratio Lower Upper

94 100

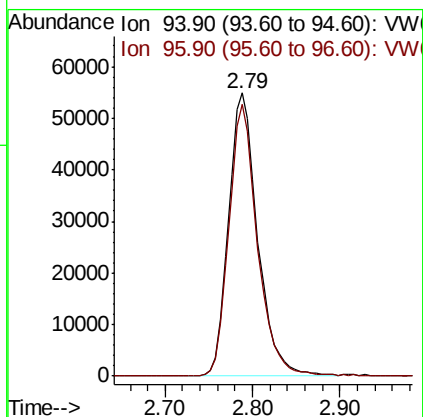
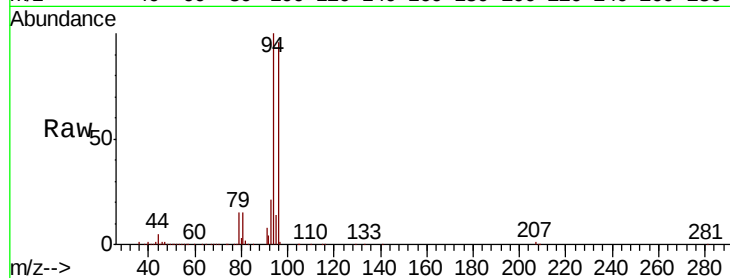
96 95.8 74.9 112.3

Manual Integrations

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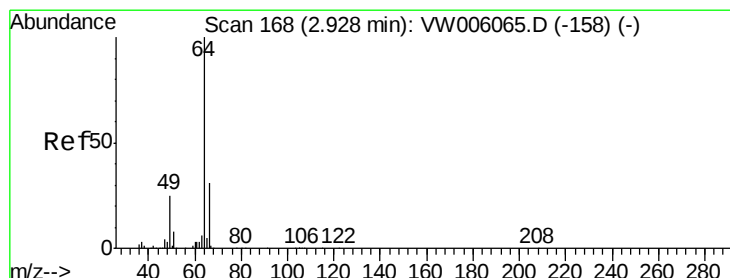
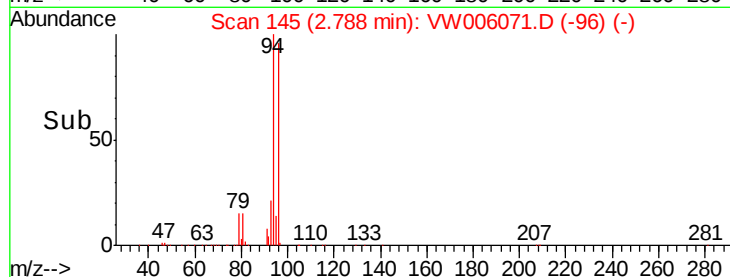
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#6

Chloroethane

Concen: 48.637 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006071.D

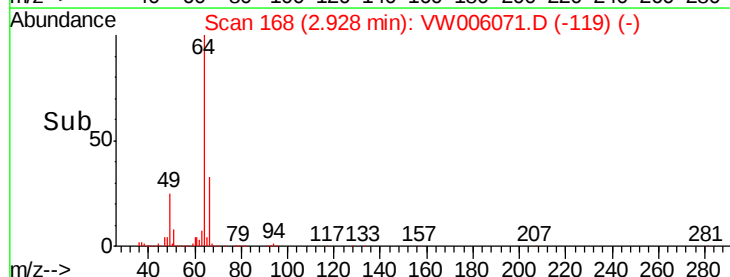
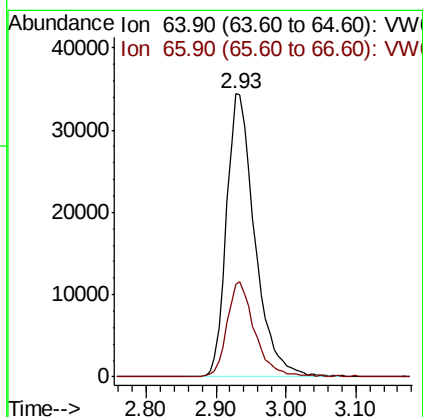
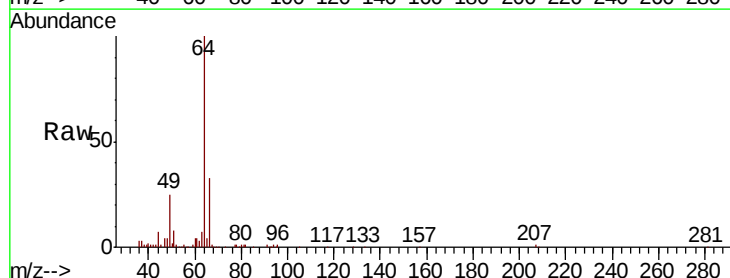
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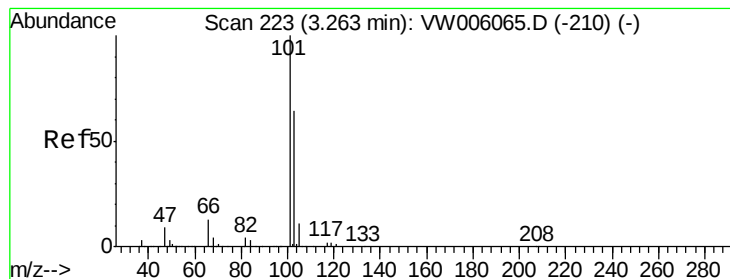
Tgt Ion: 64 Resp: 96785

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3





#7

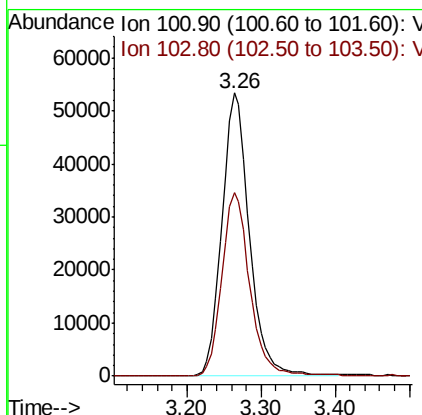
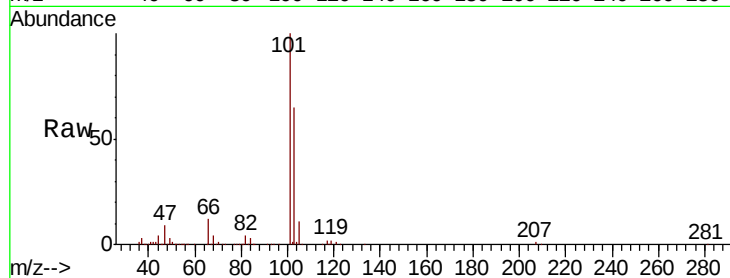
Trichlorofluoromethane
 Concen: 53.125 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006071.D
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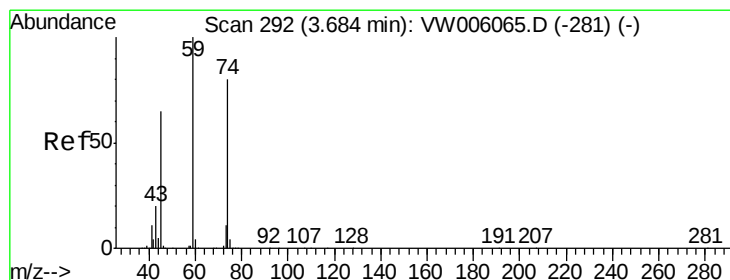
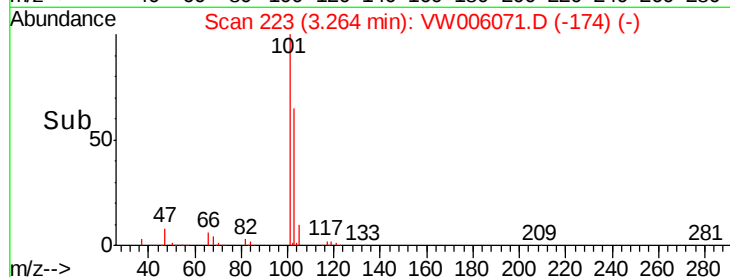
Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		137422		
103	64.8	51.2	76.8		

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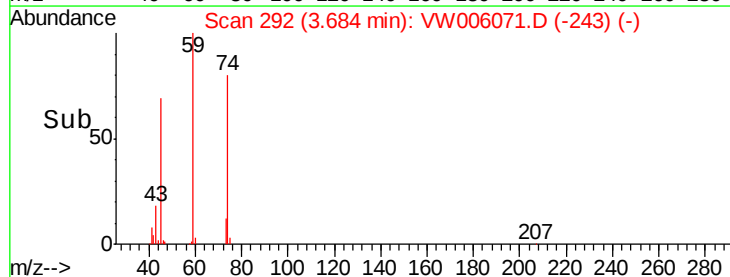
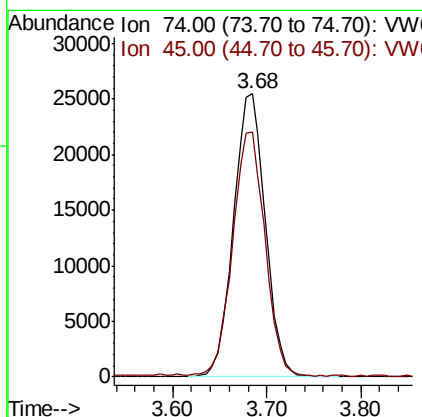
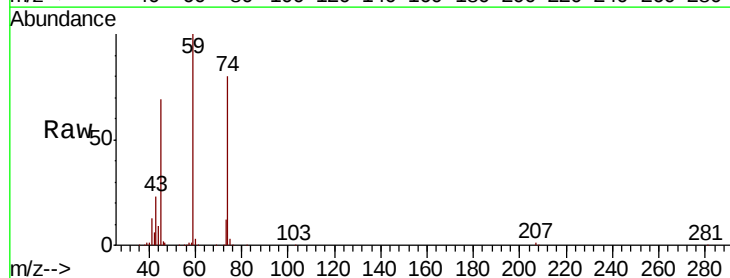
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#8

Diethyl Ether
 Concen: 43.533 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW006071.D
 Acq: 16 Oct 2018 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		59847		
45	87.5	42.8	128.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.130 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006071.D

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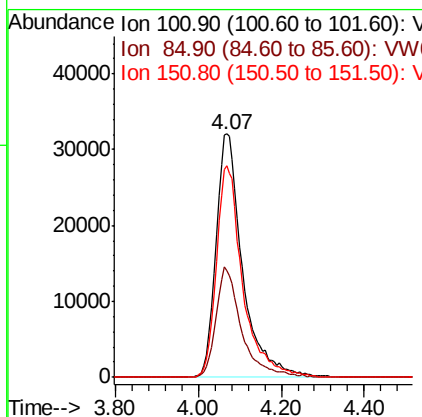
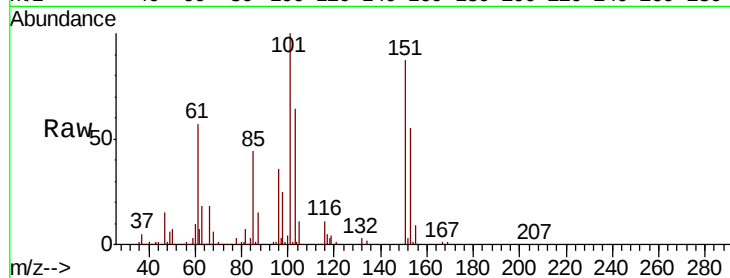
ClientSampleId :

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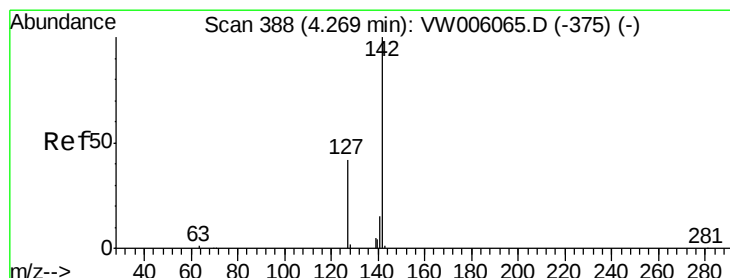
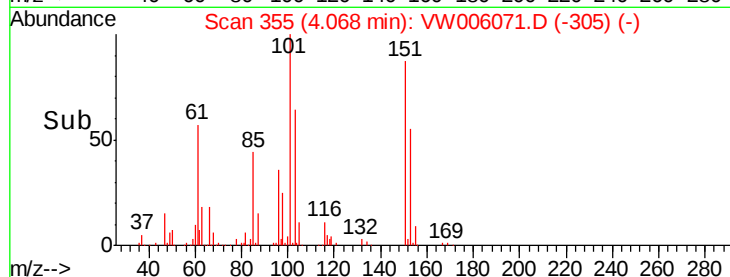
Tot Ion:	101	Resp:	141319
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	86.4	70.4	105.6

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#10

Methyl Iodide

Concen: 51.864 ug/l

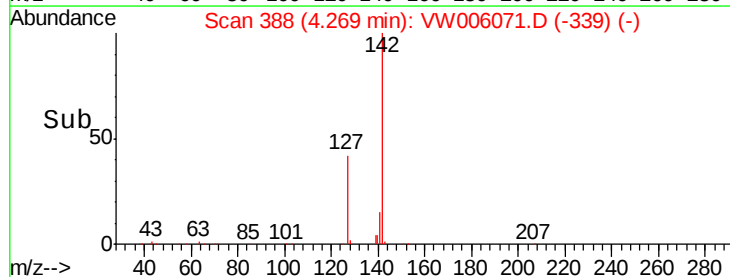
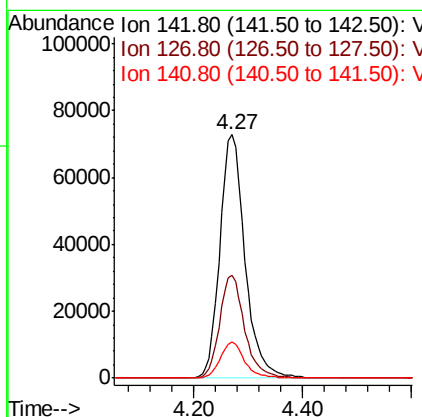
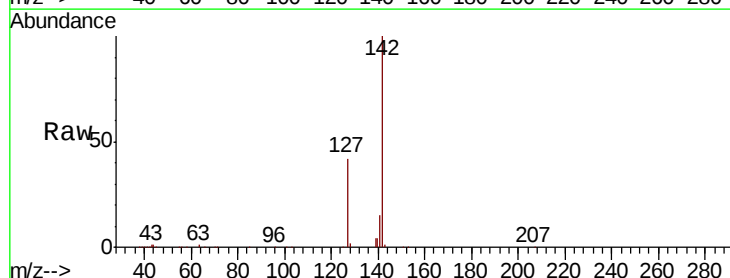
RT: 4.27 min Scan# 388

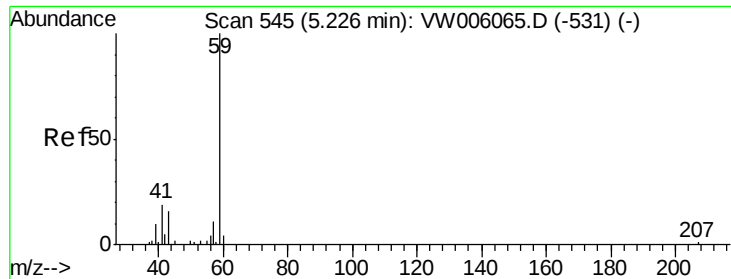
Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tgt Ion:	142	Resp:	234014
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.6	50.4
141	14.4	11.6	17.4





#11

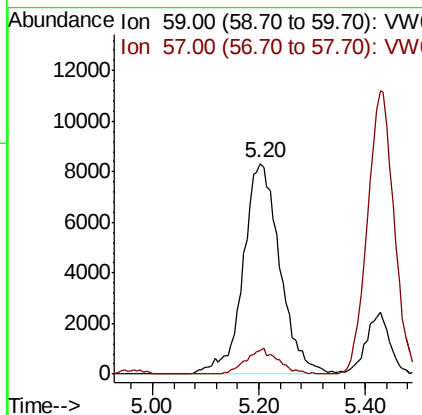
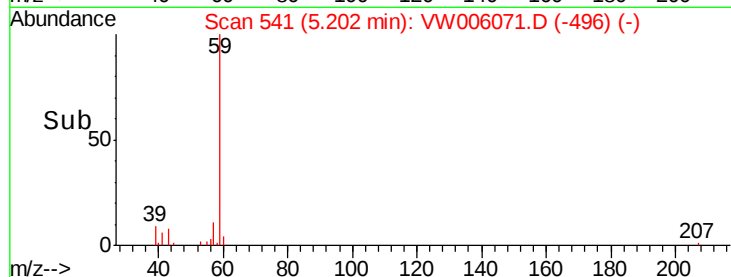
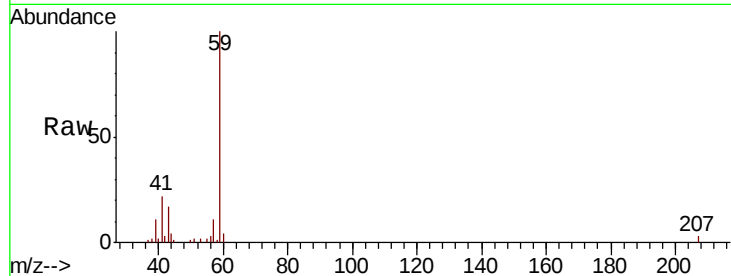
Tert butyl alcohol
Concen: 233.517 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.02 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

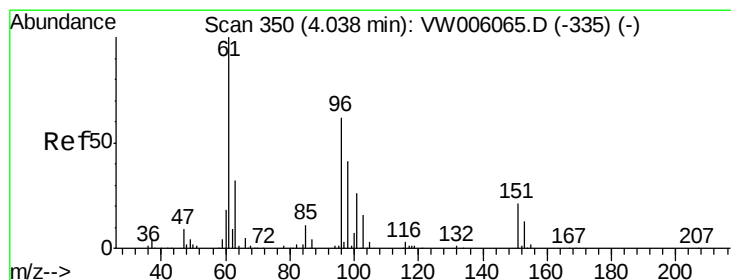
Tot Ion	59	57	Ratio	100	10.7	Resp	39744	Lower	8.7	Upper	13.1
Ion	59	57	Ratio	100	10.7	Resp	39744	Lower	8.7	Upper	13.1

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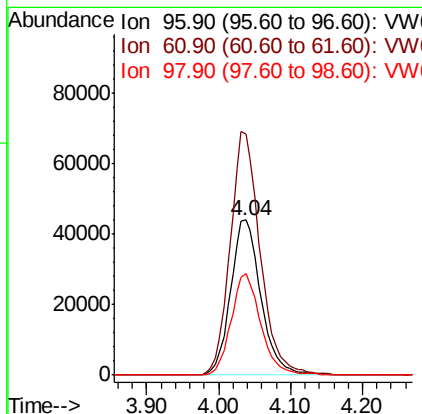
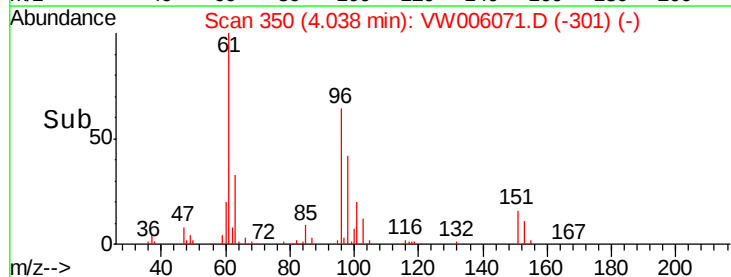
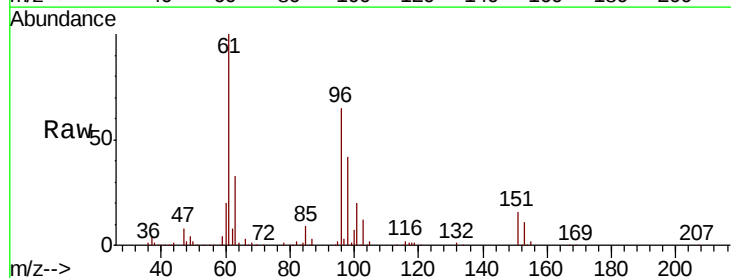
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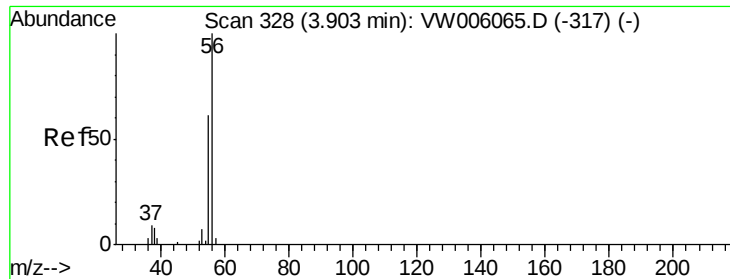


#12

1,1-Dichloroethene
Concen: 50.579 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	96	61	98	Ratio	100	155.0	65.5	Resp	128999	Lower	129.3	Upper	193.9	79.7
Ion	96 <td>61 <td>98</td> <td>Ratio</td> <td>100</td> <td>155.0</td> <td>65.5</td> <td>Resp</td> <td>128999</td> <td>Lower</td> <td>129.3</td> <td>Upper</td> <td>193.9</td> <td>79.7</td> </td>	61 <td>98</td> <td>Ratio</td> <td>100</td> <td>155.0</td> <td>65.5</td> <td>Resp</td> <td>128999</td> <td>Lower</td> <td>129.3</td> <td>Upper</td> <td>193.9</td> <td>79.7</td>	98	Ratio	100	155.0	65.5	Resp	128999	Lower	129.3	Upper	193.9	79.7





#13

Acrolein

Concen: 249.119 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006071.D

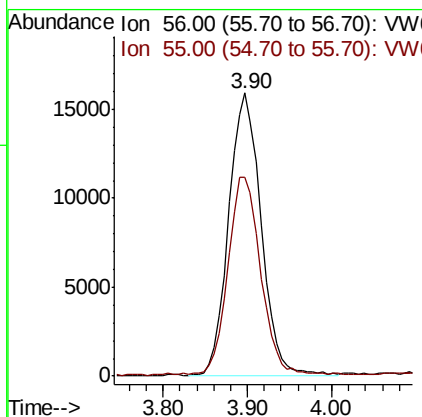
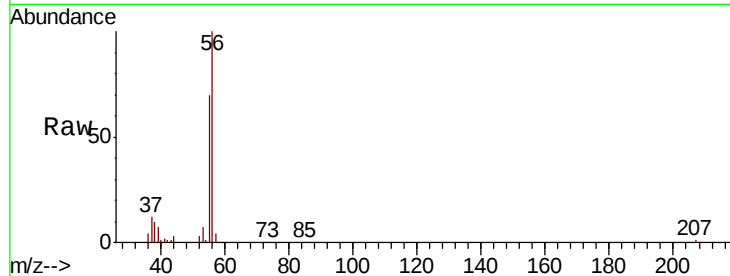
Acq: 16 Oct 2018 11:39

Tot Ion	56	55	Ratio	100	69.8	Resp	41027	Lower	54.5	Upper	81.7
Ion											

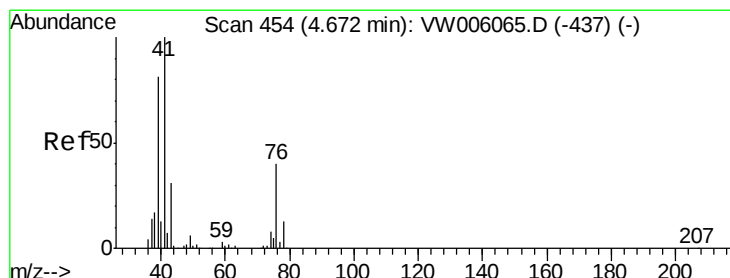
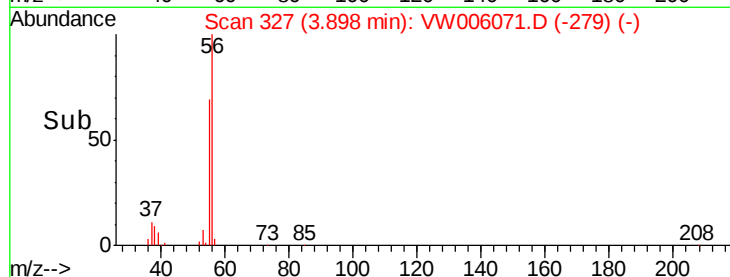
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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#14

Allyl chloride

Concen: 51.479 ug/l

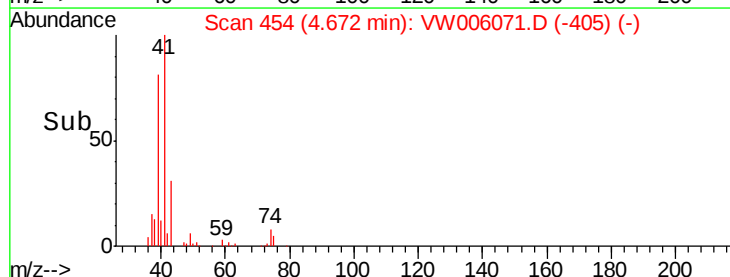
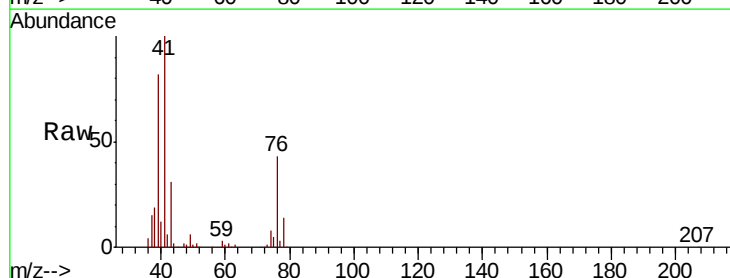
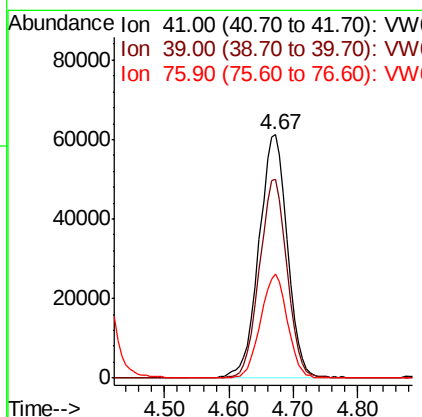
RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tgt Ion	41	39	76	Ratio	100	79.2	40.2	Resp	187729	Lower	64.1	32.2	Upper	96.1	48.4
Ion															





#15

Acrylonitrile

Concen: 233.970 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

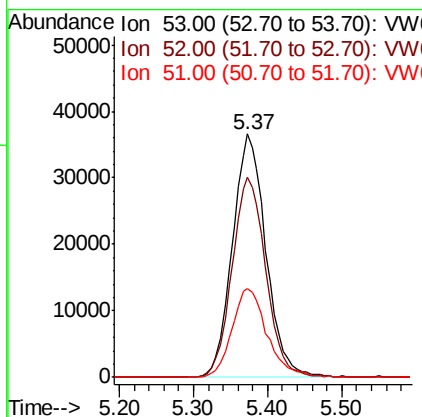
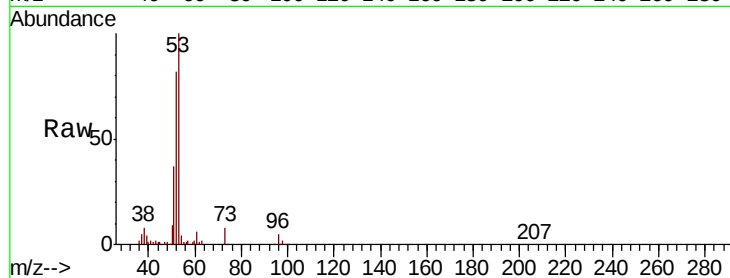
ClientSampleId :

VSTDCCC050

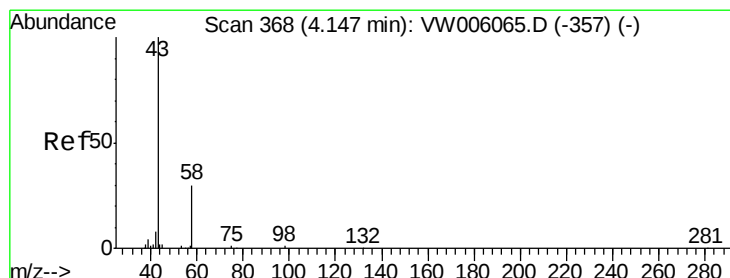
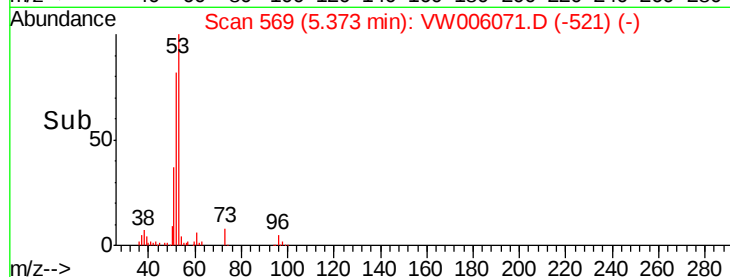
Tot Ion:	53	Resp:	115369
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.9	100.3
51	38.2	30.1	45.1

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#16

Acetone

Concen: 289.876 ug/l

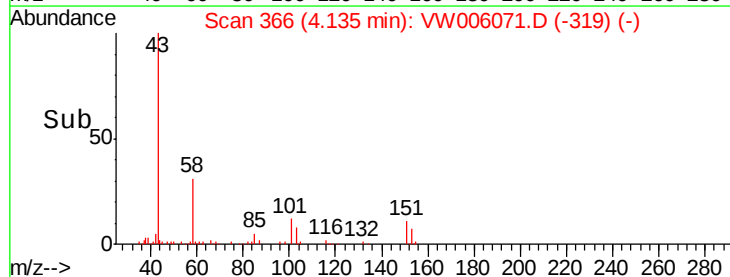
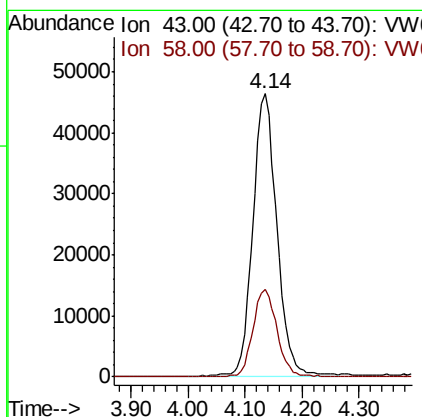
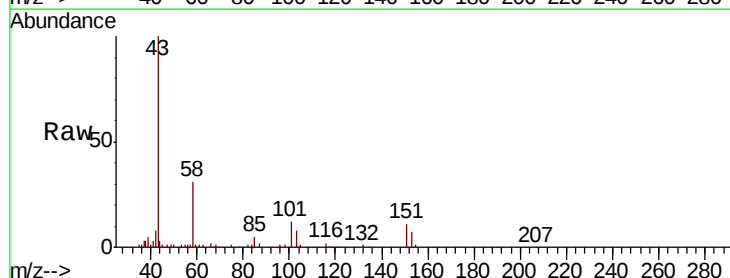
RT: 4.14 min Scan# 366

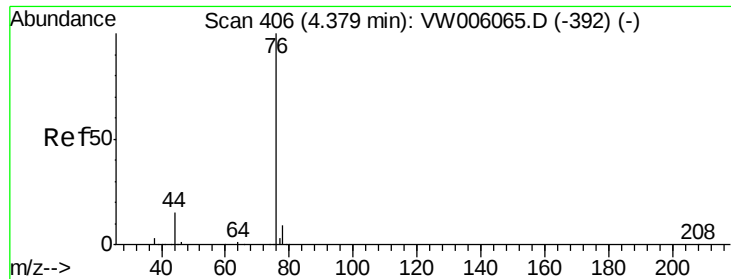
Delta R.T. -0.01 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tgt Ion:	43	Resp:	136502
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.0	36.0





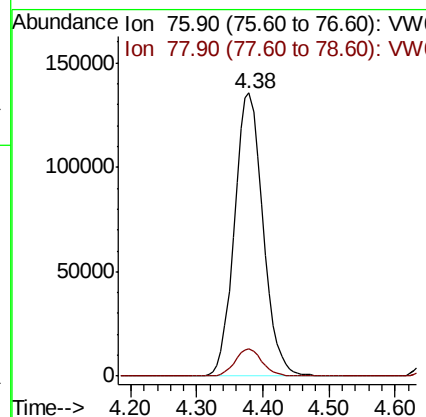
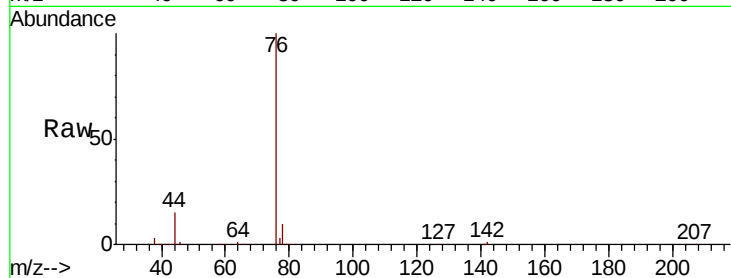
#17
Carbon Disulfide
Concen: 52.699 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

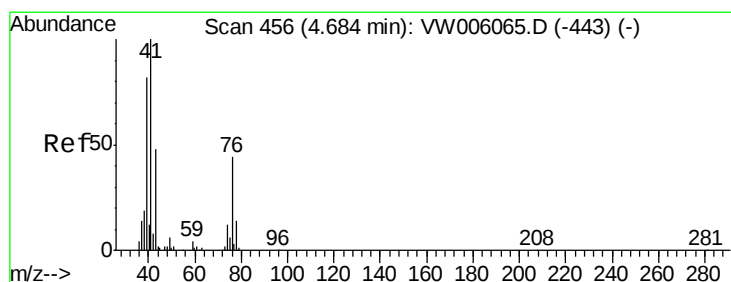
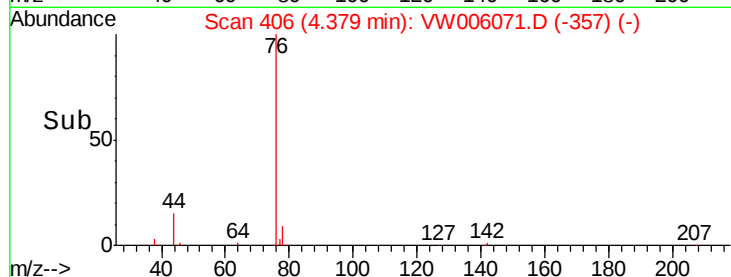
Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.5	11.3

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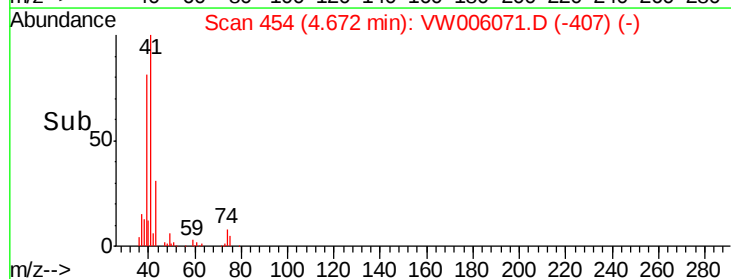
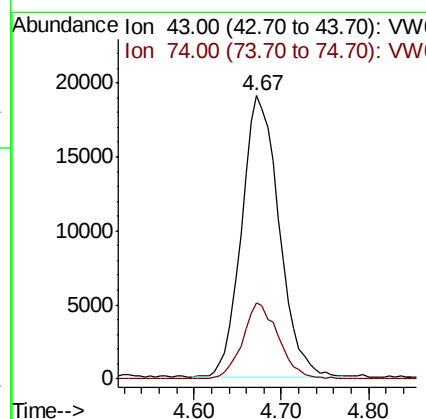
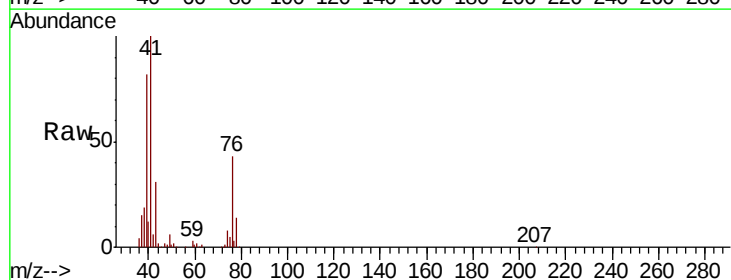


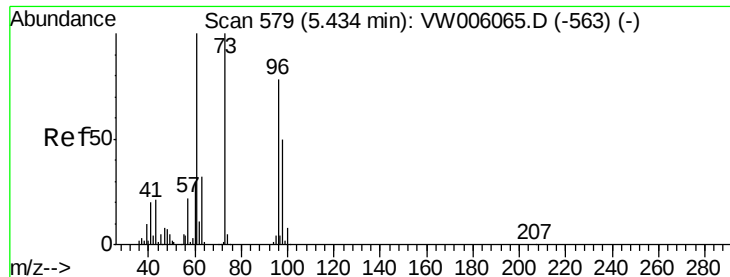
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#18
Methyl Acetate
Concen: 44.240 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.5	30.7





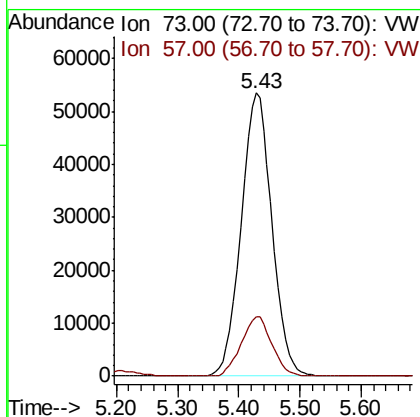
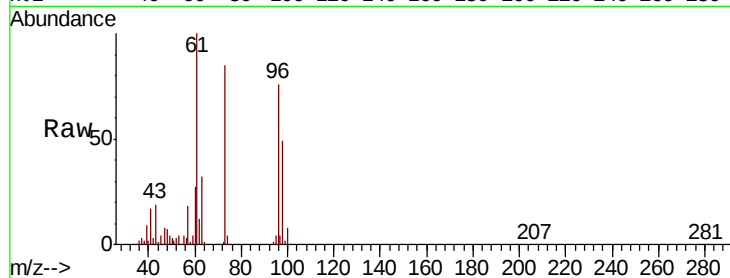
#19
Methvl tert-butvl Ether
Concen: 47.982 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

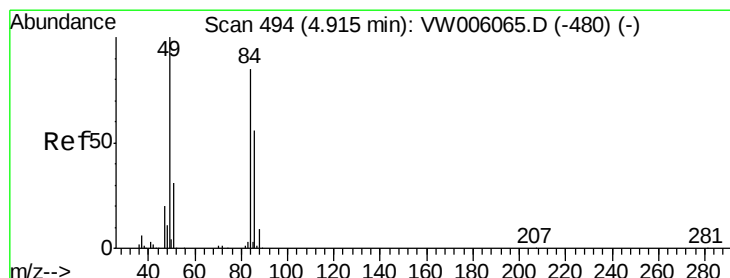
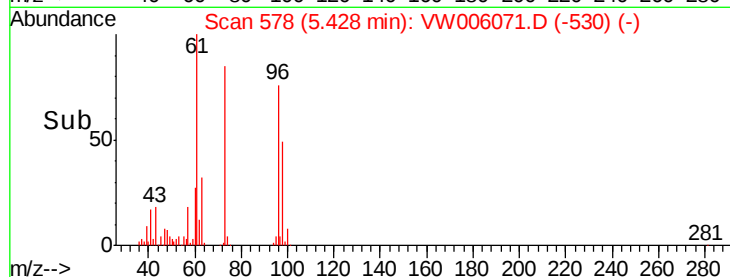
Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.4	26.2

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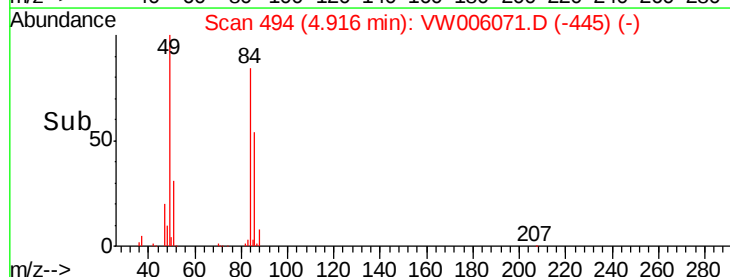
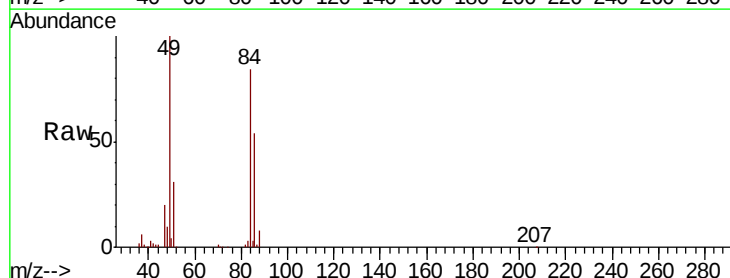
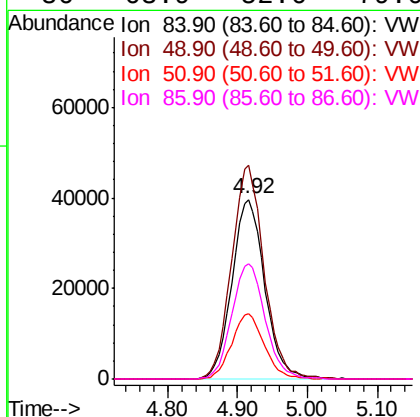


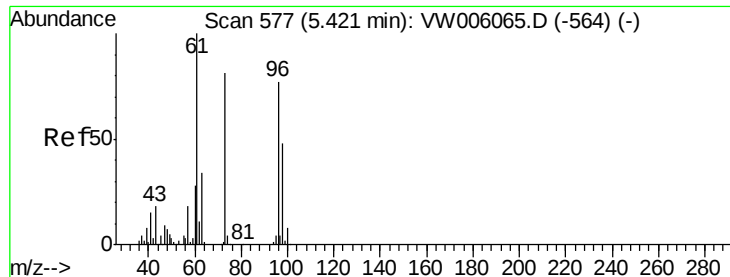
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#20
Methylene Chloride
Concen: 48.323 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.1	93.6	140.4
51	36.6	29.0	43.4
86	63.9	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 50.869 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

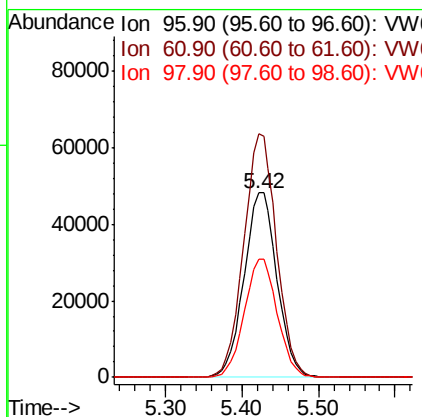
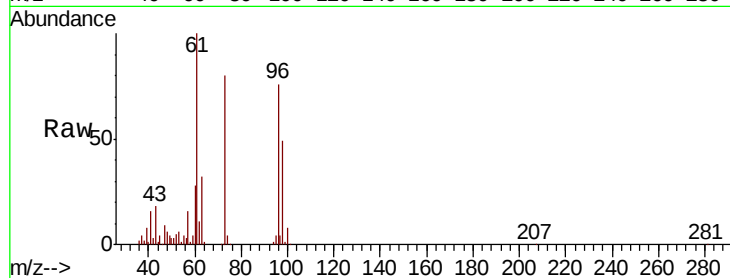
ClientSampleId :

VSTDCCC050

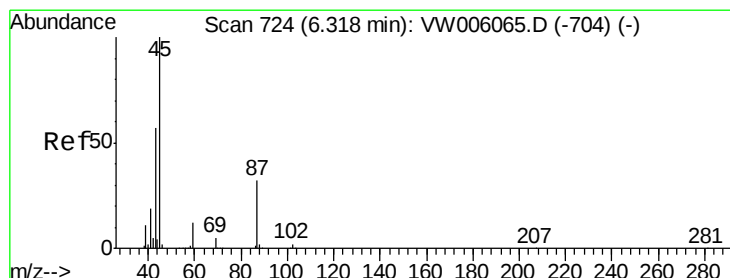
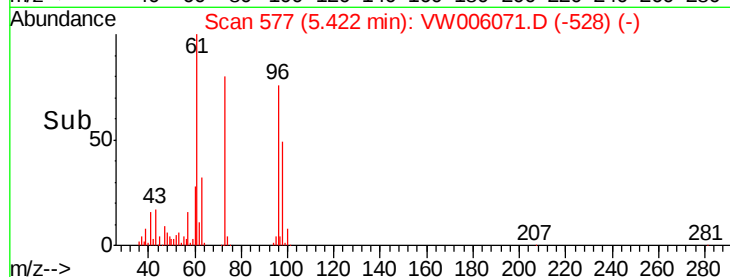
Tot Ion:	96	Resp:	144812
Ion	Ratio	Lower	Upper
96	100		
61	131.9	104.5	156.7
98	64.1	50.6	75.8

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#22

Diisopropyl ether

Concen: 49.986 ug/l

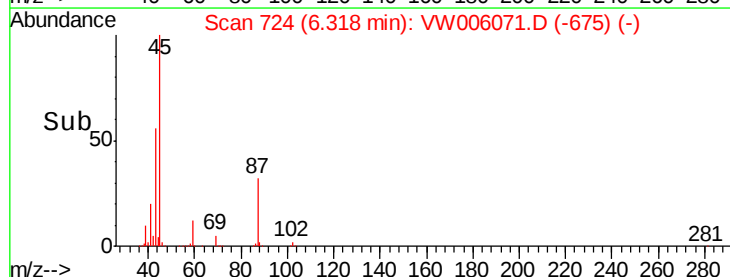
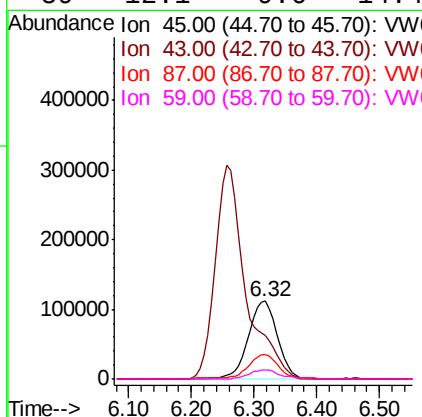
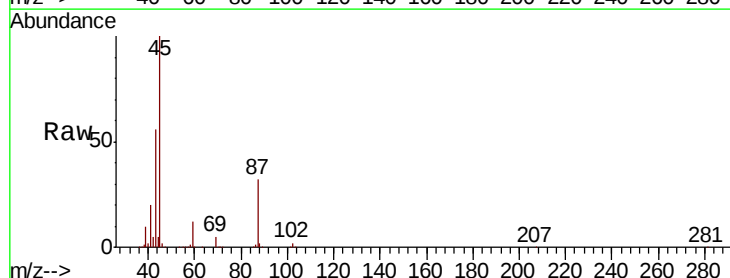
RT: 6.32 min Scan# 724

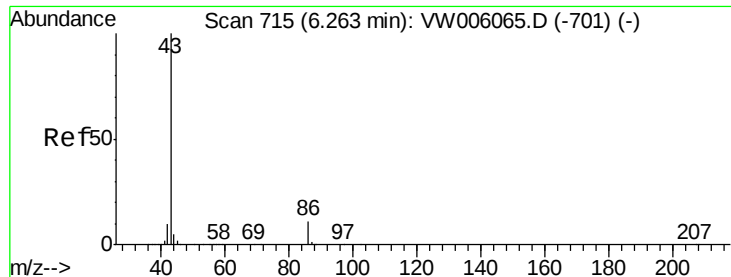
Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tgt Ion:	45	Resp:	360222
Ion	Ratio	Lower	Upper
45	100		
43	55.0	45.7	68.5
87	31.6	25.9	38.9
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 243.208 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tot Ion: 43 Resp: 1034338

Ion Ratio Lower Upper

43 100

86 11.1 9.0 13.6

Instrument :

MSVOA_W

ClientSampleId :

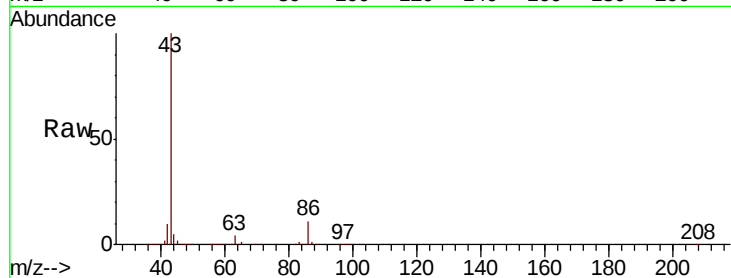
VSTDCCC050

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

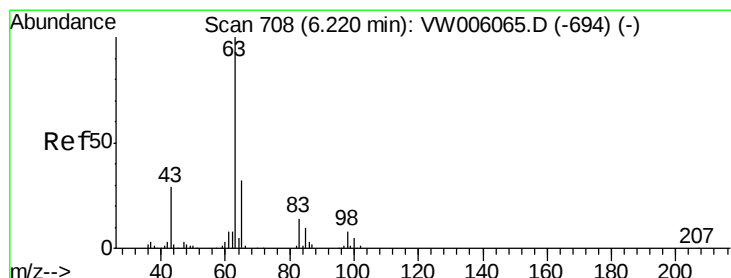
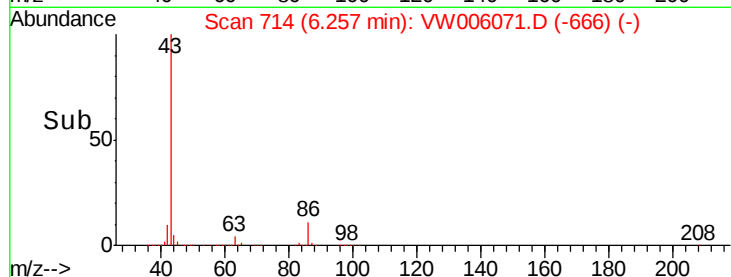
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.526 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

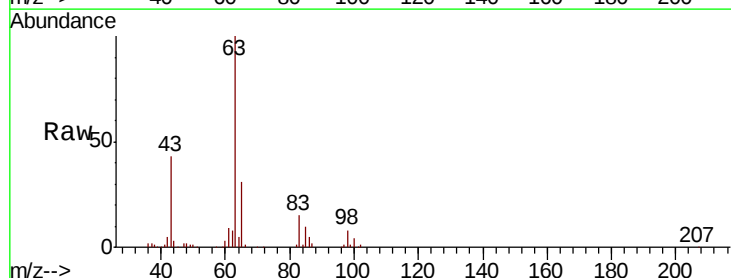
Tgt Ion: 63 Resp: 234949

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

100 4.4 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

100000

80000

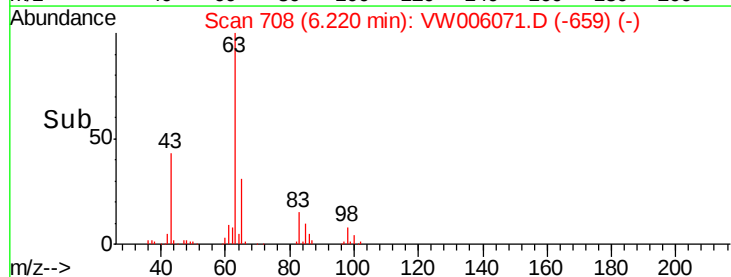
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 236.168 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tot Ion: 43 Resp: 161457

Ion Ratio Lower Upper

43 100

72 28.6 22.8 34.2

Instrument :

MSVOA_W

ClientSampleId :

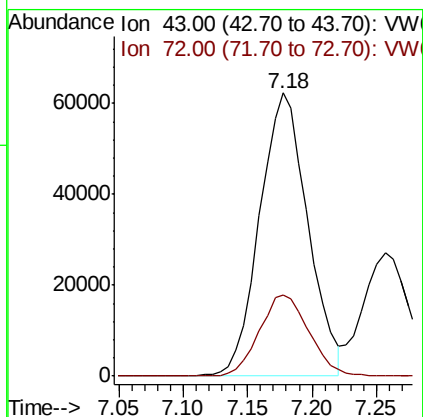
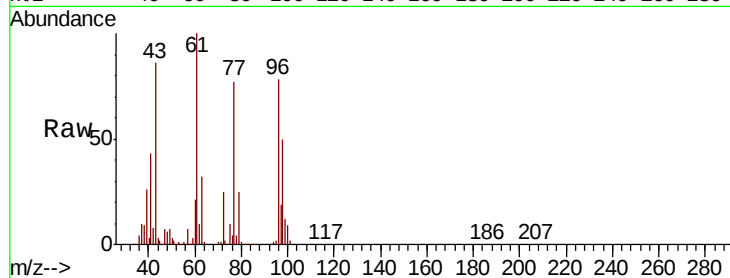
VSTDCCC050

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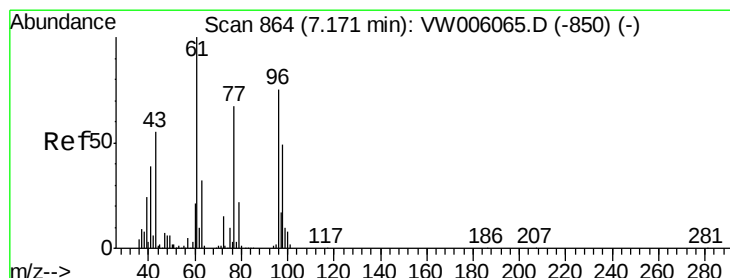
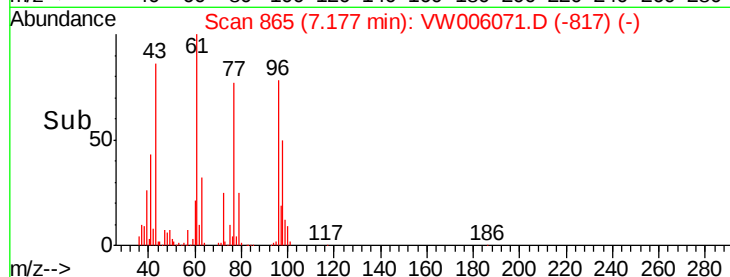
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#26

2,2-Dichloropropane

Concen: 52.964 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006071.D

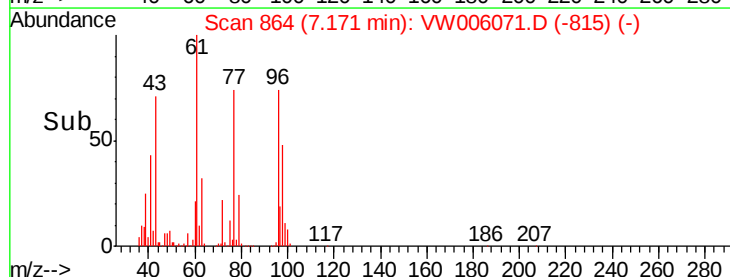
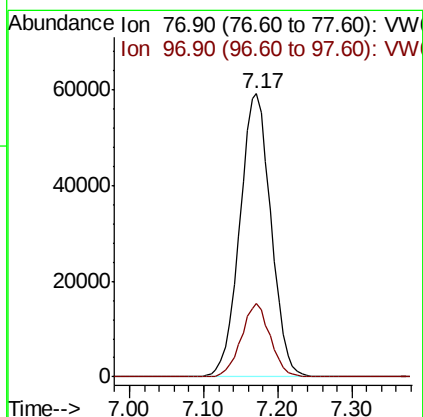
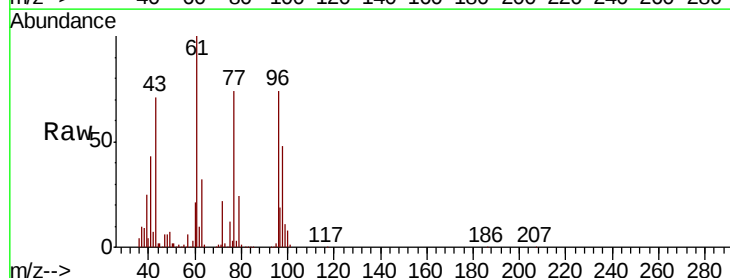
Acq: 16 Oct 2018 11:39

Tgt Ion: 77 Resp: 173704

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.4





#27

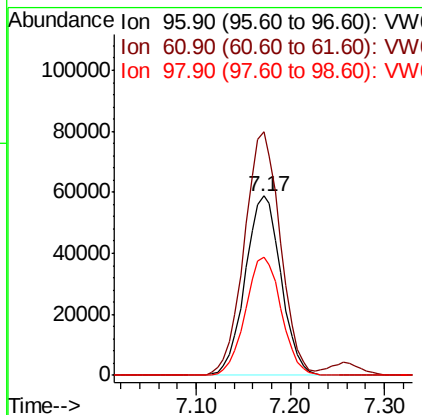
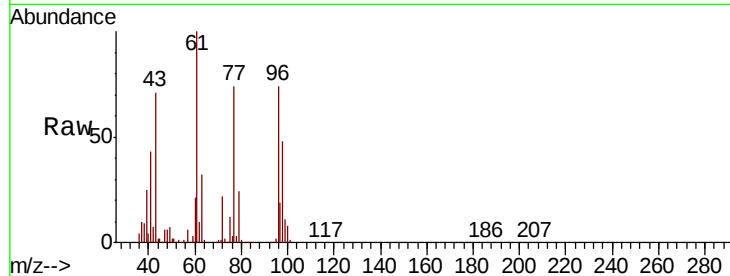
cis-1,2-Dichloroethene
Concen: 49.575 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

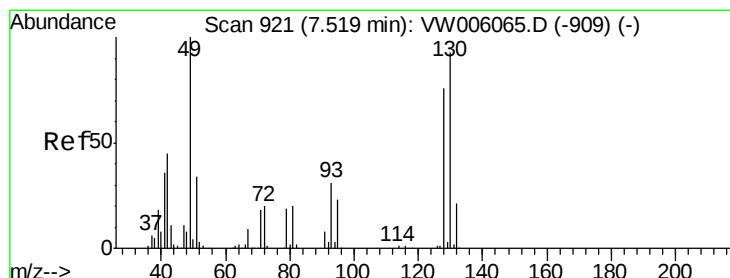
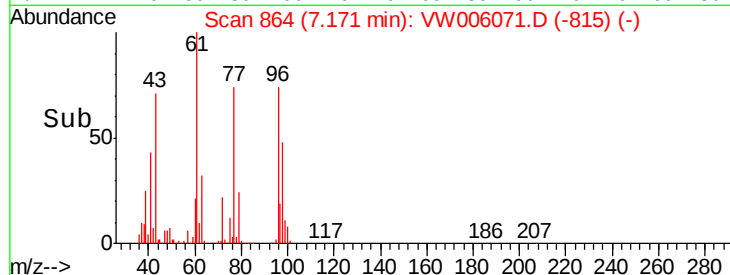
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	267.2
98	65.7	0.0	128.6

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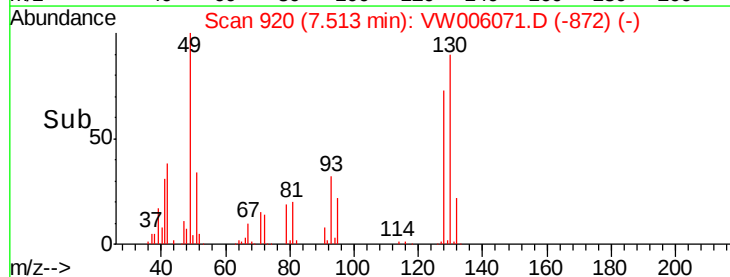
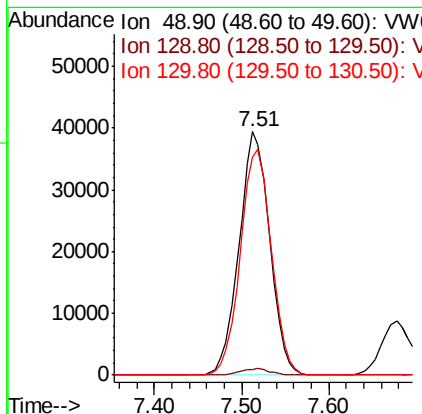
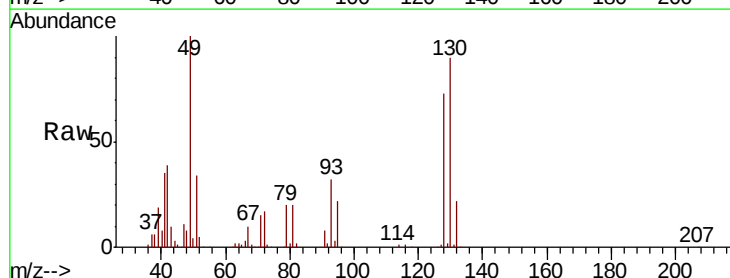
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#28

Bromochloromethane
Concen: 53.402 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	93.6	73.8	110.8





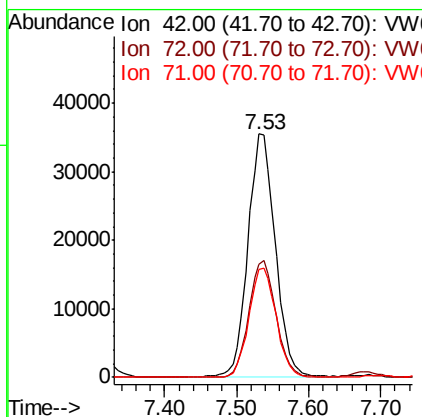
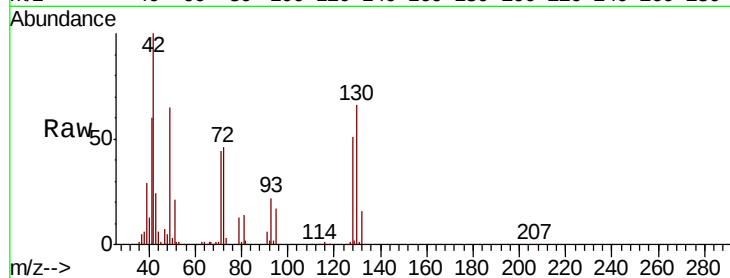
#29
Tetrahydrofuran
Concen: 224.627 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

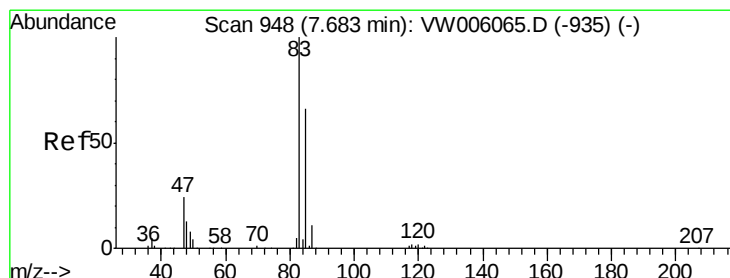
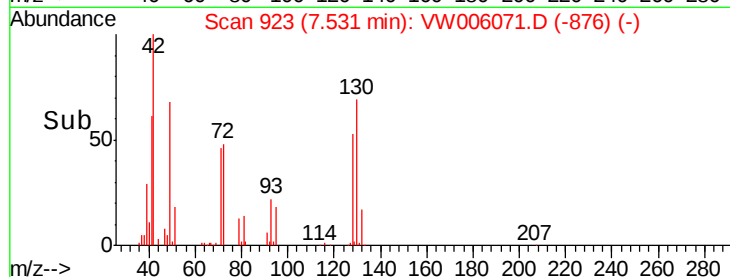
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	38.0	57.0
71	44.3	35.3	52.9

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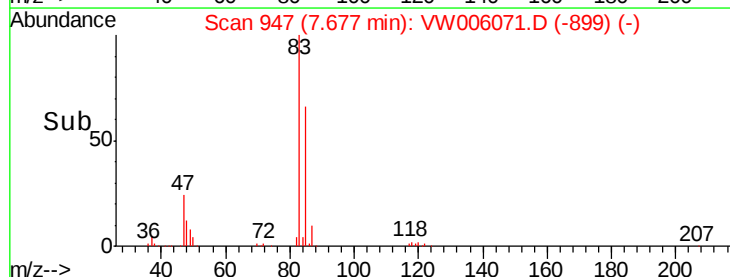
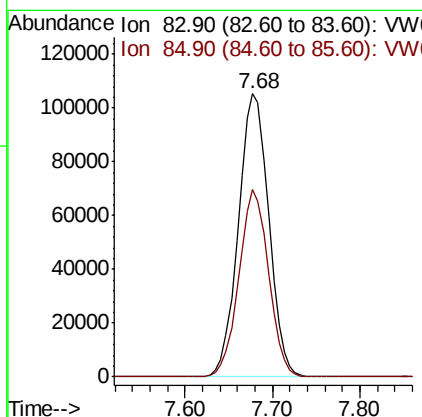
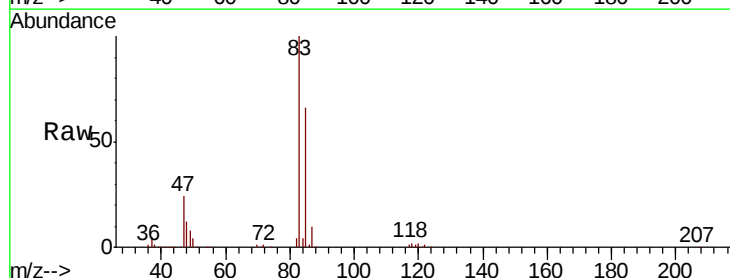


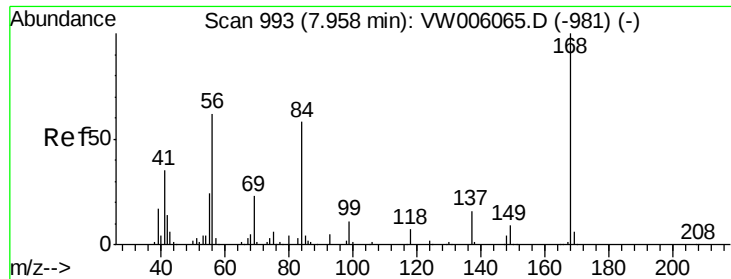
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#30
Chloroform
Concen: 50.208 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.6	79.0





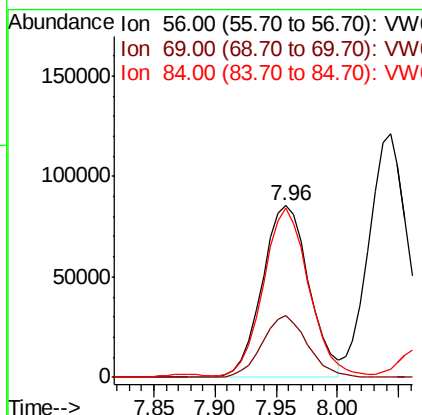
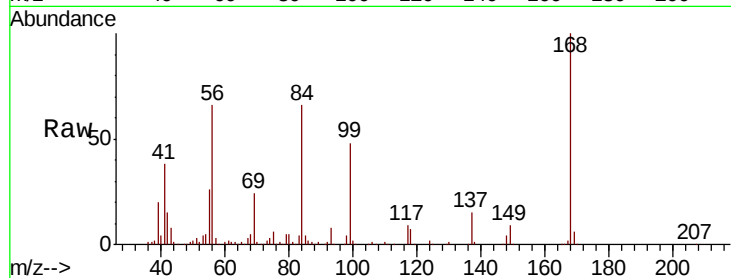
#31
Cyclohexane
Concen: 49.173 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

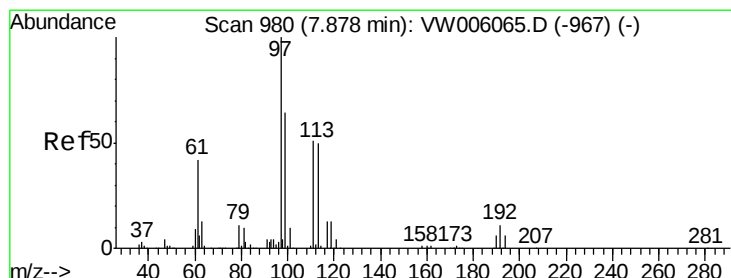
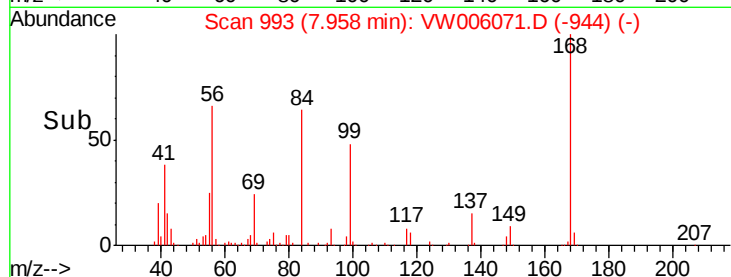
Tot Ion	Ratio	Lower	Upper
56	100		
69	35.9	29.4	44.0
84	97.1	74.0	111.0

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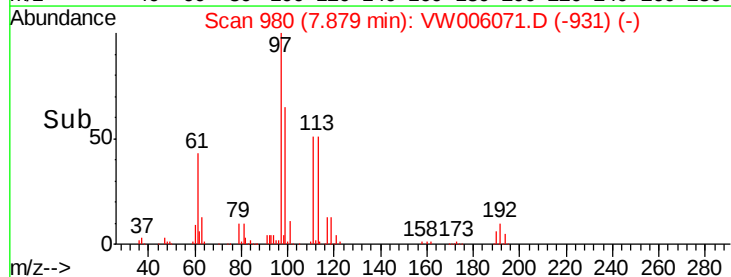
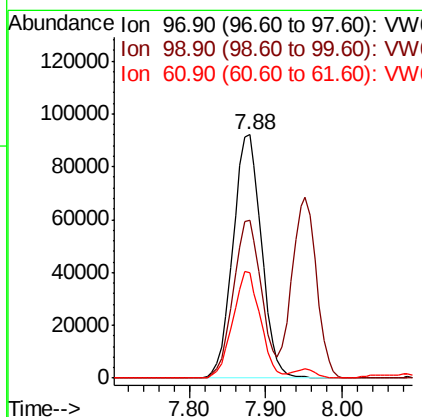
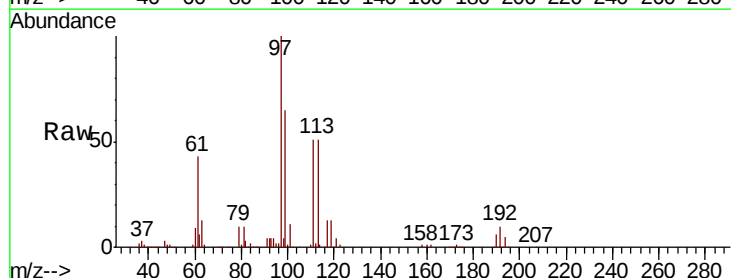


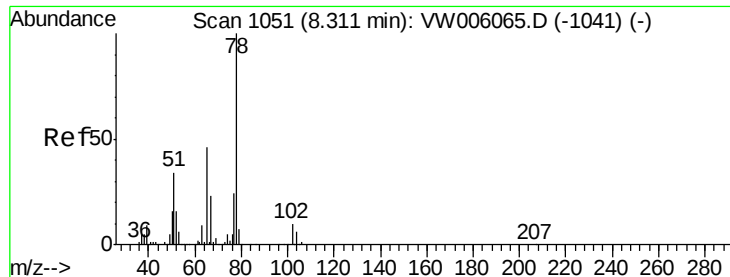
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#32
1,1,1-Trichloroethane
Concen: 51.999 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.9	76.3
61	42.3	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 47.293 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 119682

Ion Ratio Lower Upper

65 100

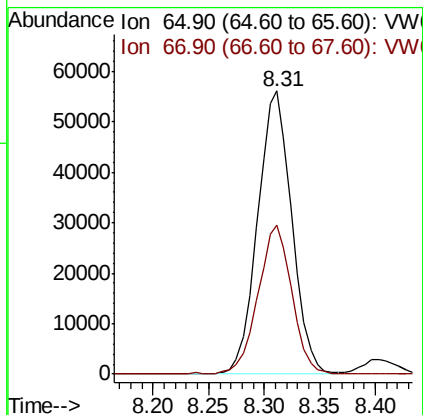
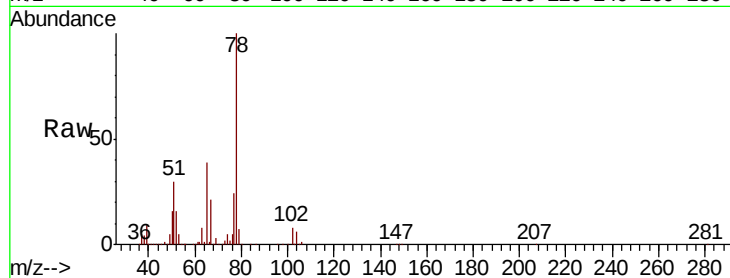
67 52.2 0.0 101.0

Manual Integrations

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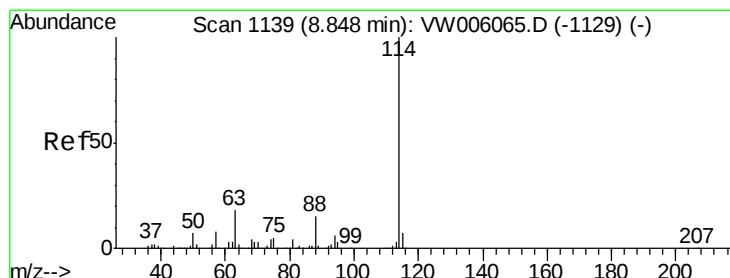
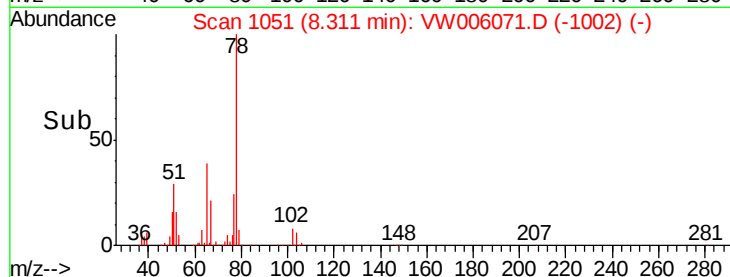
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

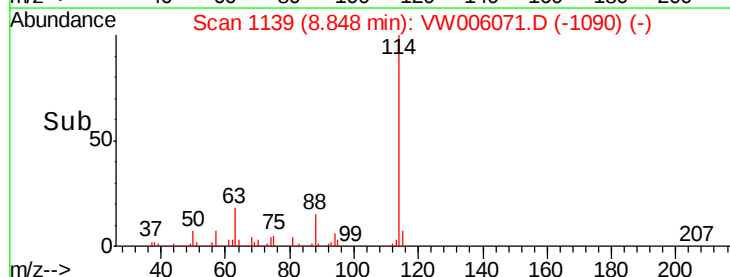
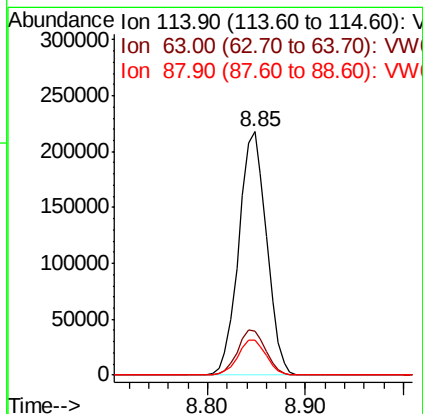
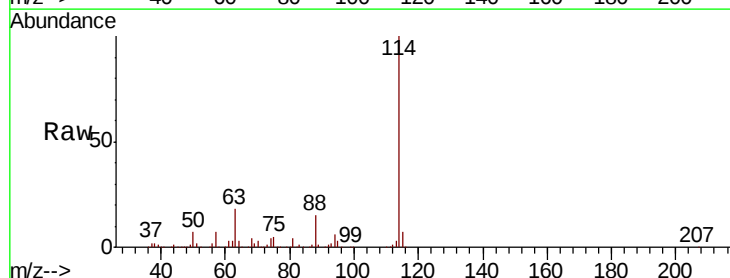
Tgt Ion: 114 Resp: 429285

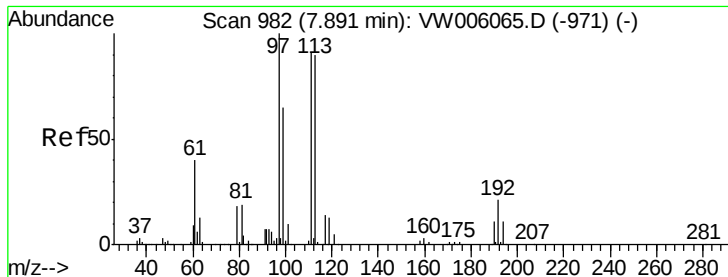
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 14.5 0.0 29.0





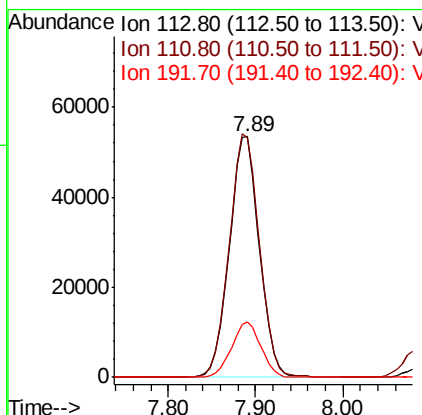
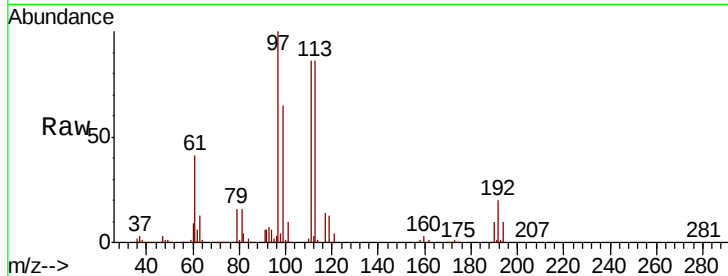
#35
 Dibromofluoromethane
 Concen: 50.177 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006071.D
 Acq: 16 Oct 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

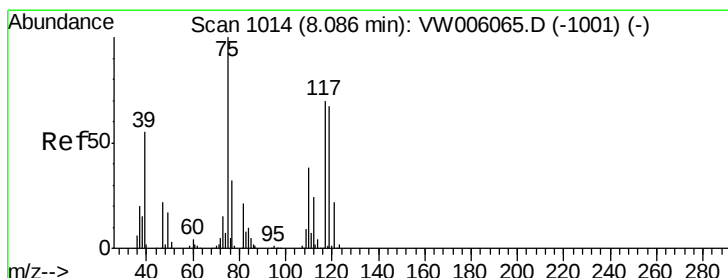
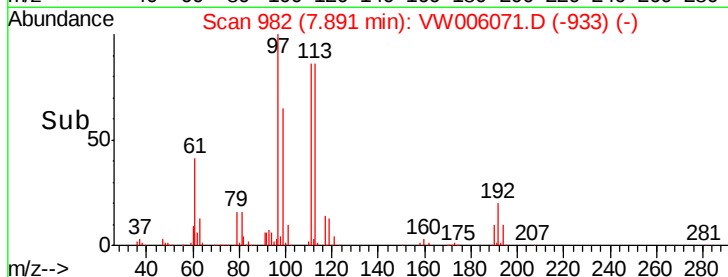
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	22.6	18.7	28.1

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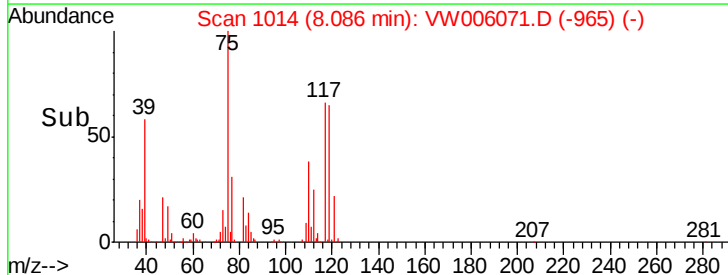
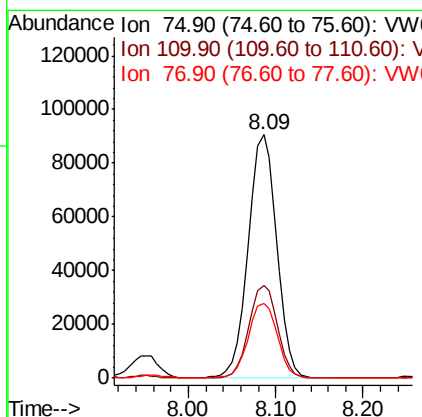
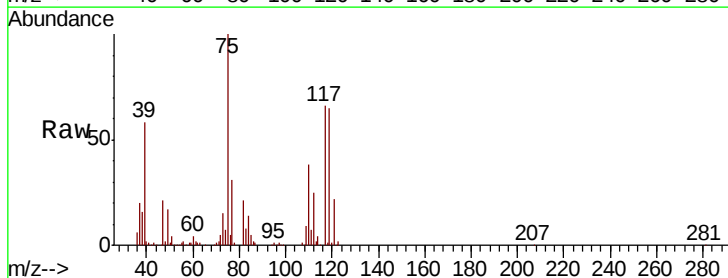


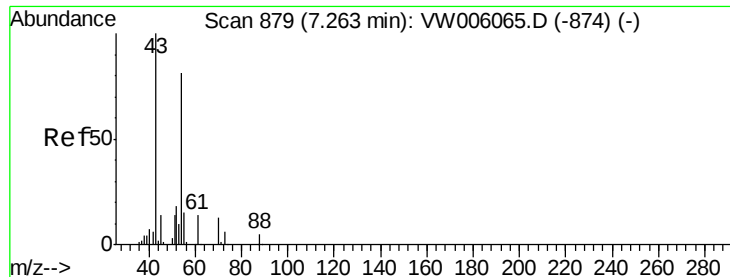
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#36
 1,1-Dichloropropene
 Concen: 52.012 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006071.D
 Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.1	57.1
77	31.4	25.0	37.4





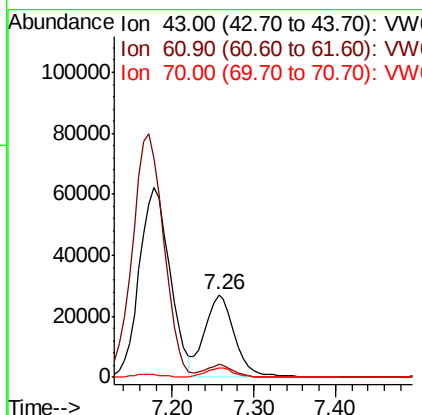
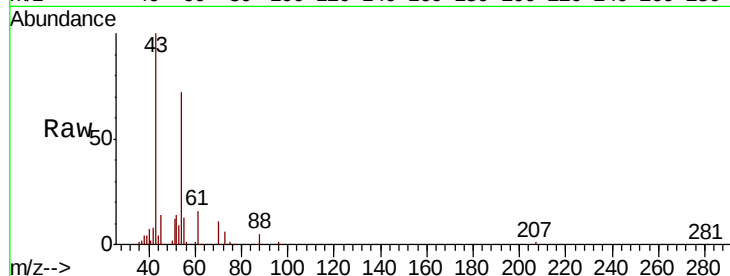
#37
Ethyl Acetate
Concen: 47.424 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

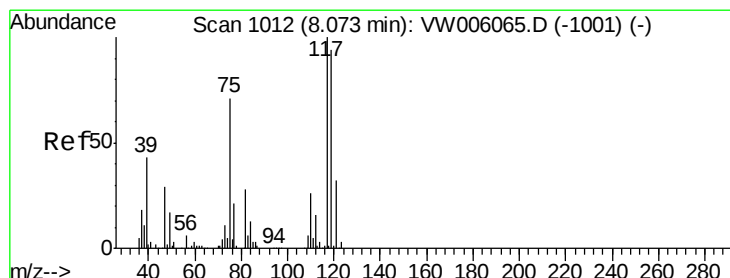
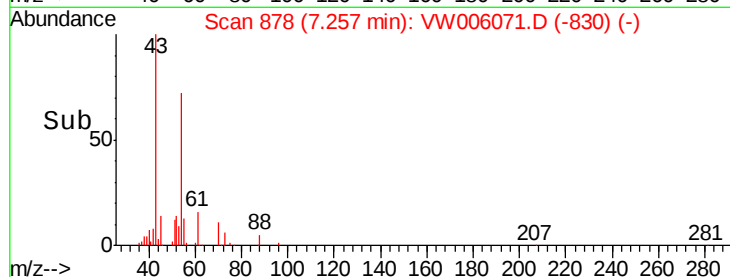
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	10.7	9.2	13.8

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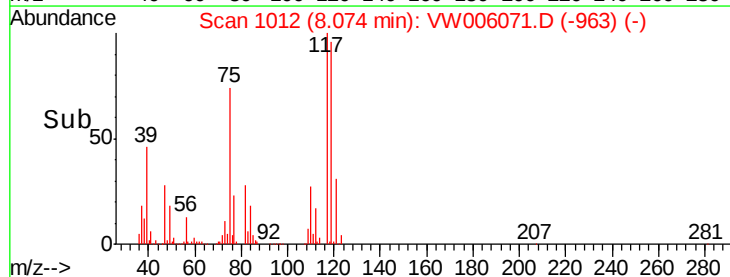
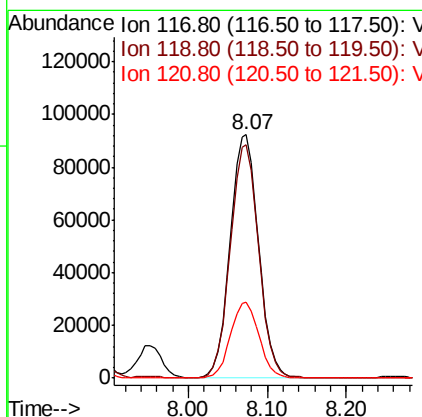
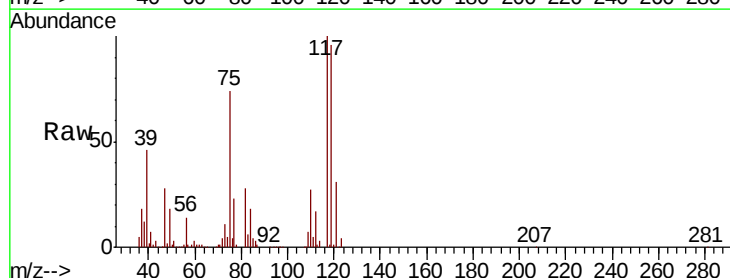


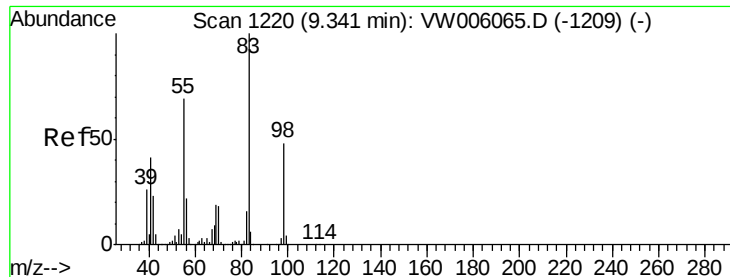
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#38
Carbon Tetrachloride
Concen: 53.396 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.2	112.8
121	31.1	25.3	37.9





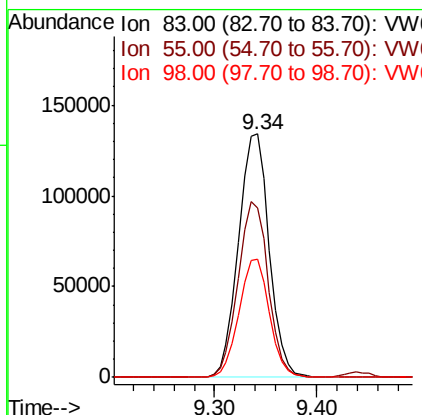
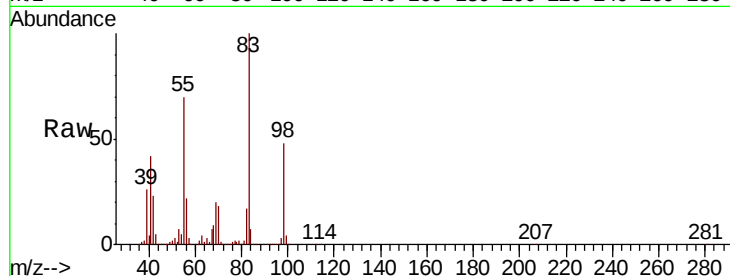
#39
Methvlcvclohexane
Concen: 53.269 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

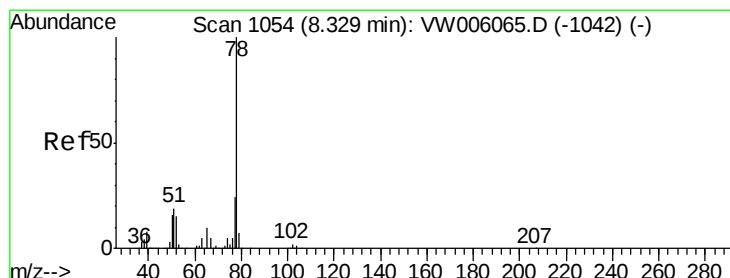
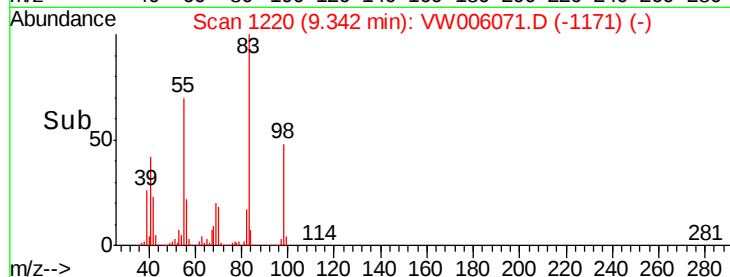
Tot Ion	Ratio	Lower	Upper
83	100		
55	69.7	55.0	82.6
98	48.5	38.6	57.8

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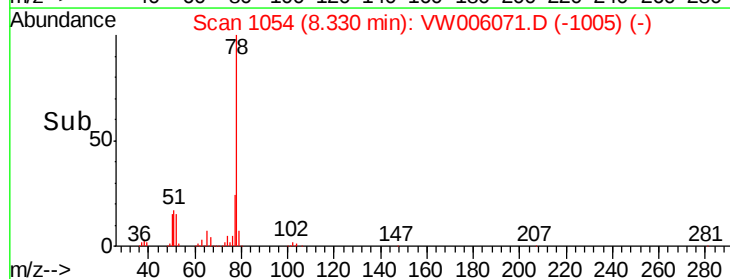
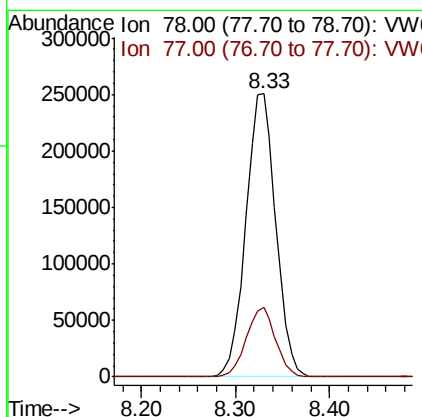
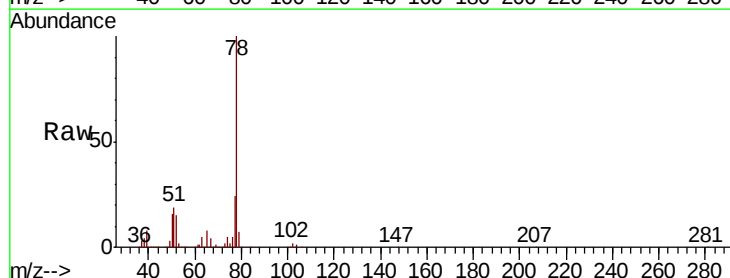


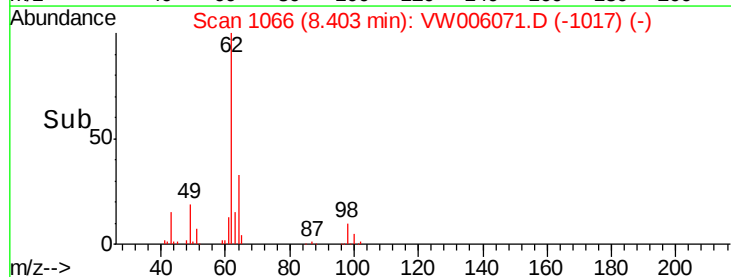
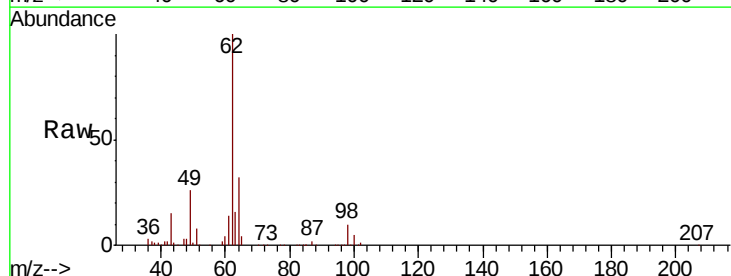
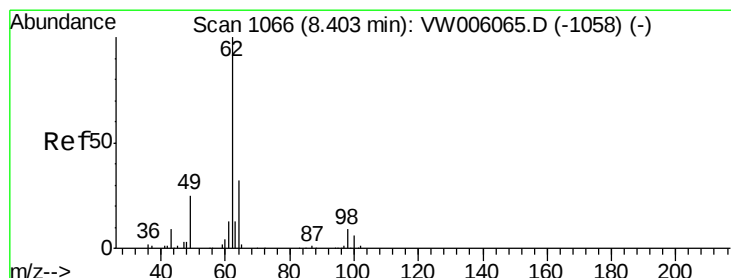
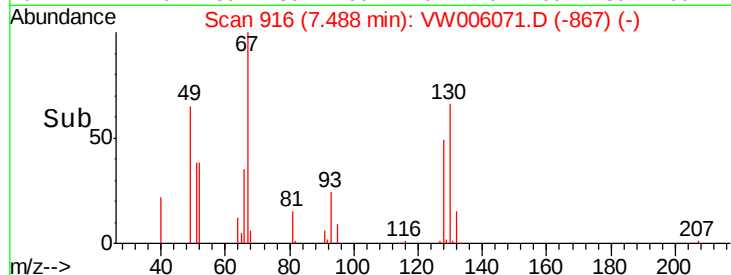
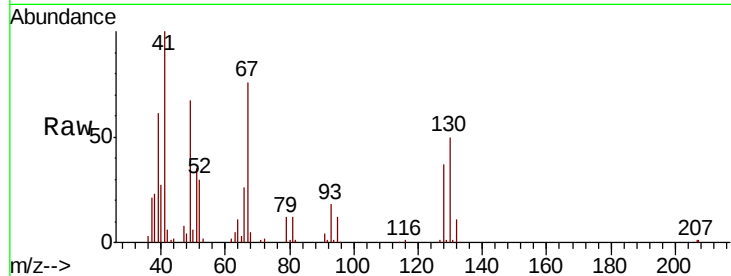
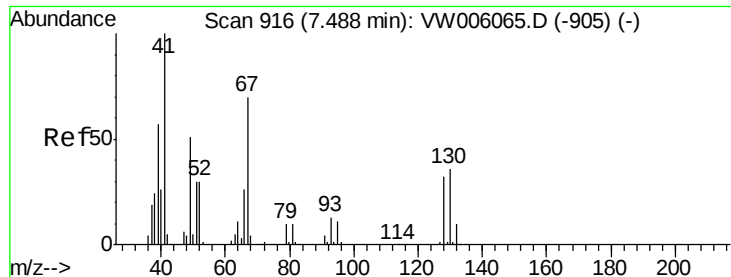
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#40
Benzene
Concen: 51.368 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.0





#41

Methacrylonitrile

Concen: 46.649 ug/l

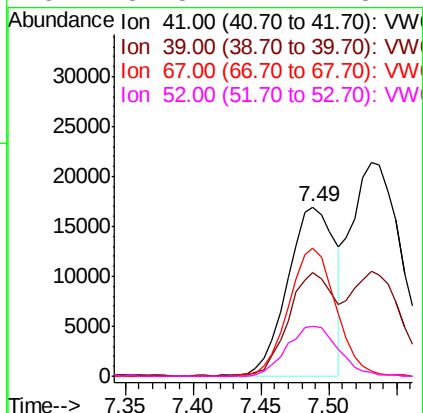
RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41342	41	100			
	39	58.7		46.2	69.4
	67	75.3		57.7	86.5
	52	32.3		24.7	37.1



Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

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#42

1,2-Dichloroethane

Concen: 49.717 ug/l

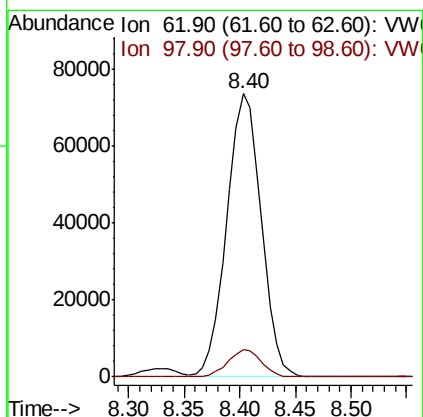
RT: 8.40 min Scan# 1066

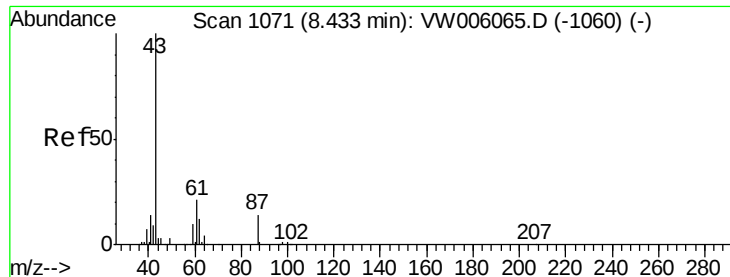
Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
158539	62	100			
	98	9.3		0.0	18.4





#43

Isopropyl Acetate

Concen: 47.584 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006071.D

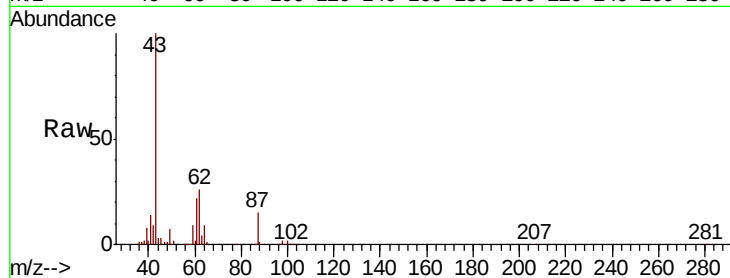
Acq: 16 Oct 2018 11:39

Tot Ion:	43	Resp:	143030
Ion	Ratio	Lower	Upper
43	100		
61	31.1	25.5	38.3
87	14.4	11.7	17.5

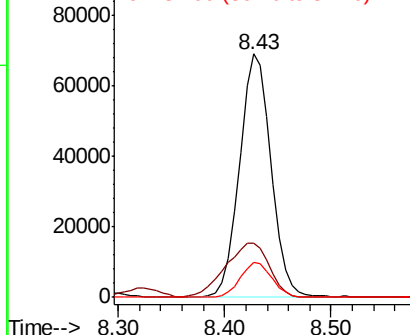
Instrument :
MSVOA_W
ClientSampleId :
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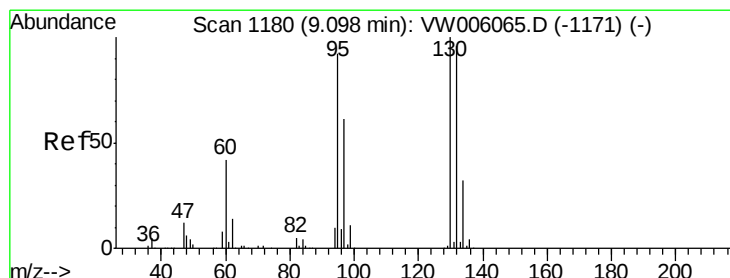
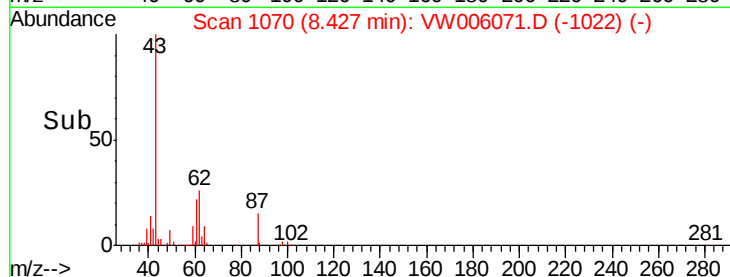
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Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



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#44

Trichloroethene

Concen: 52.030 ug/l

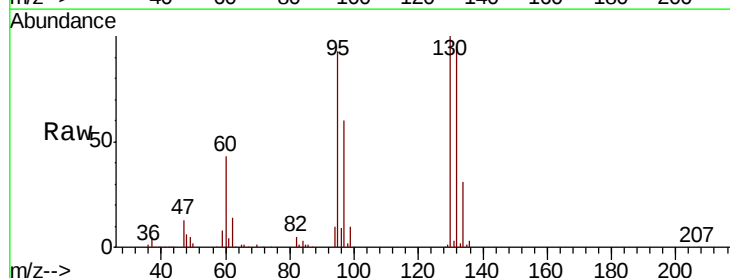
RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

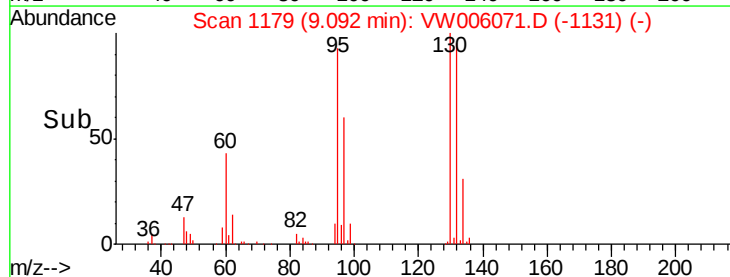
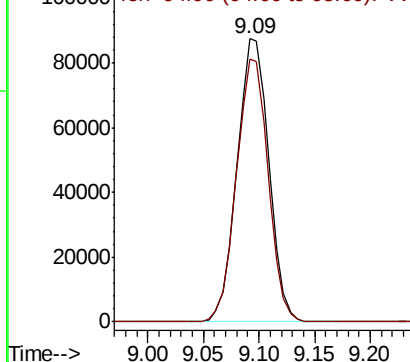
Lab File: VW006071.D

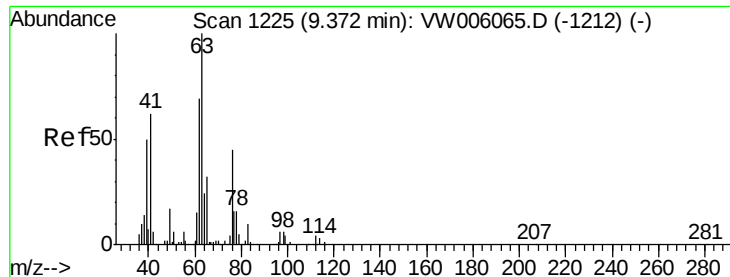
Acq: 16 Oct 2018 11:39

Tgt Ion:	130	Resp:	173256
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	183.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.137 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tot Ion: 63 Resp: 130218

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.0

Instrument :

MSVOA_W

ClientSampleId :

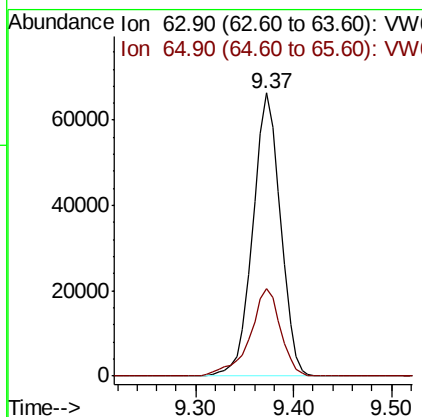
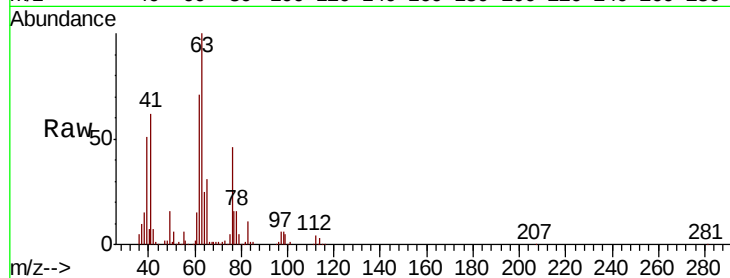
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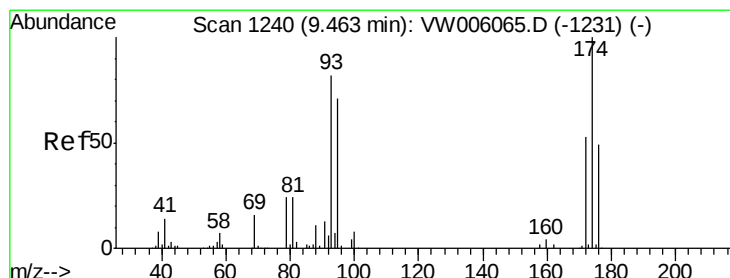
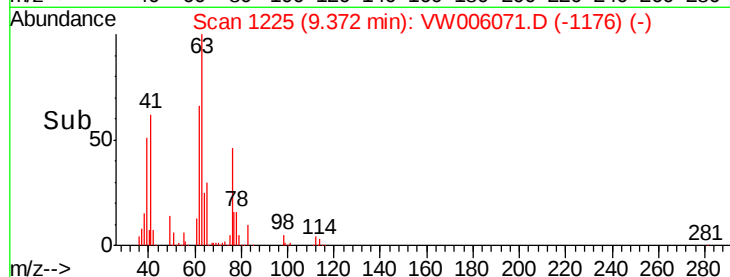
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#46

Dibromomethane

Concen: 49.253 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

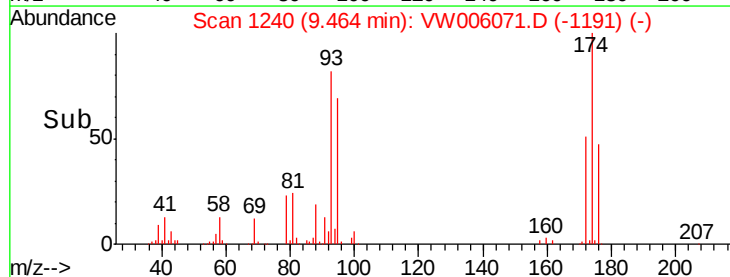
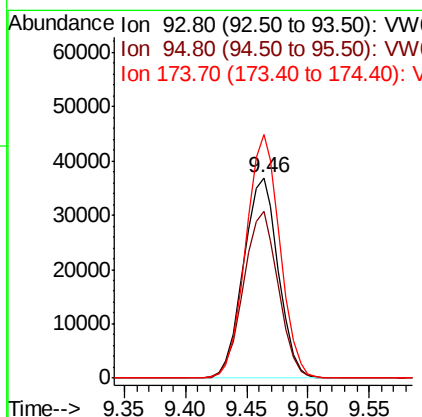
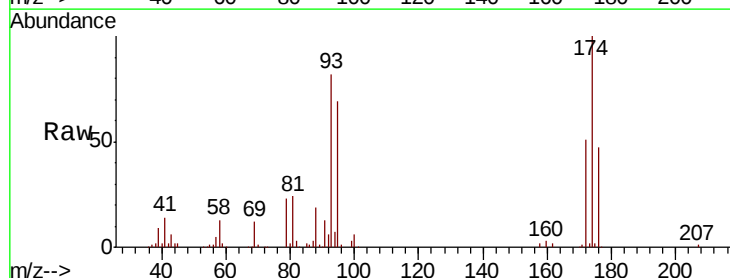
Tgt Ion: 93 Resp: 72909

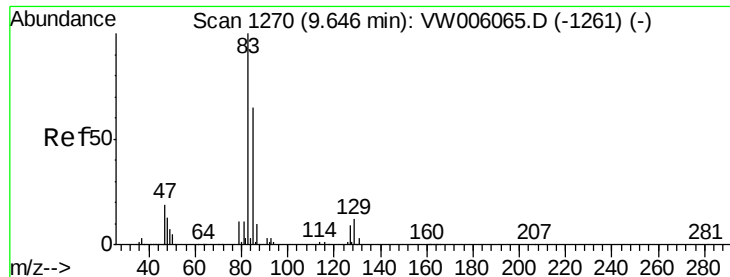
Ion Ratio Lower Upper

93 100

95 83.1 67.7 101.5

174 118.7 93.7 140.5





#47

Bromodichloromethane

Concen: 51.093 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006071.D

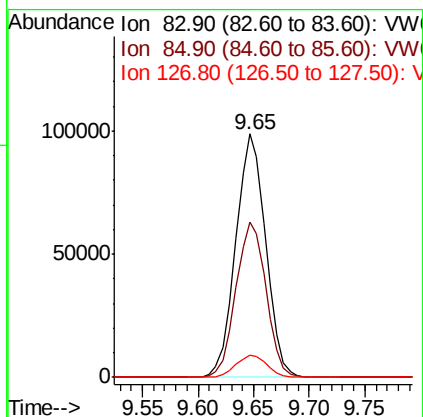
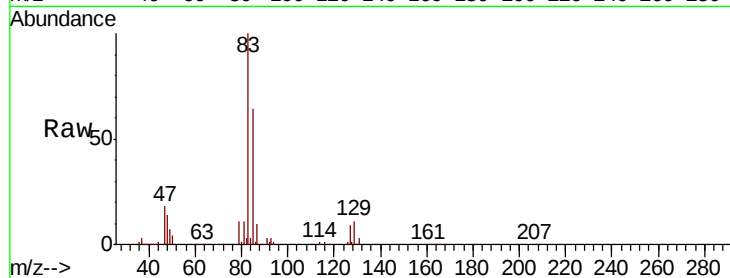
Acq: 16 Oct 2018 11:39

Tot Ion:	83	Resp:	183368
Ion Ratio		Lower	Upper
83	100		
85	64.0	51.8	77.8
127	9.3	6.9	10.3

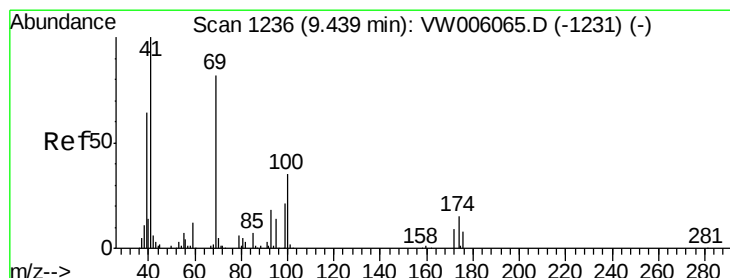
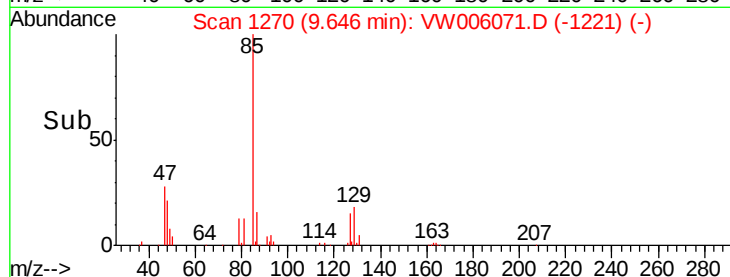
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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#48

Methyl methacrylate

Concen: 47.699 ug/l

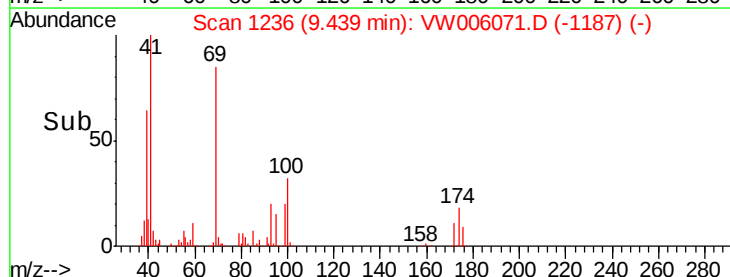
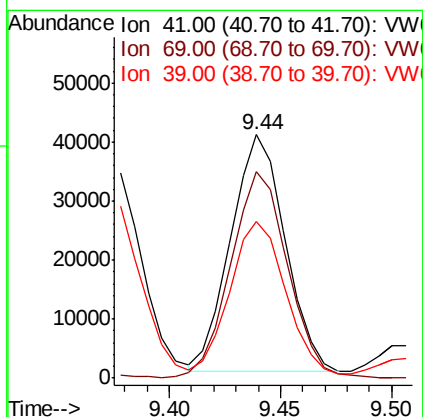
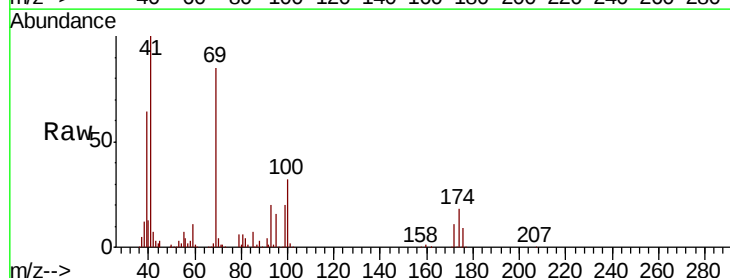
RT: 9.44 min Scan# 1236

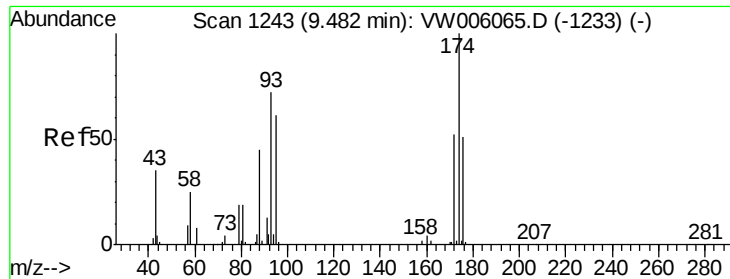
Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tgt Ion:	41	Resp:	67962
Ion Ratio		Lower	Upper
41	100		
69	91.0	71.8	107.8
39	64.8	52.5	78.7





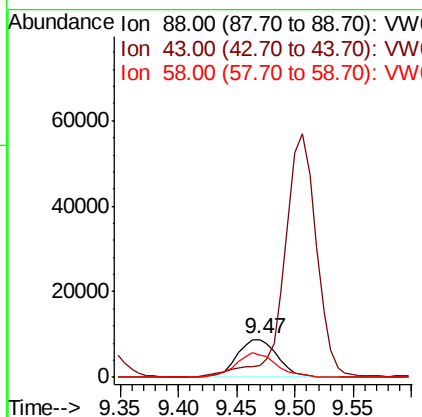
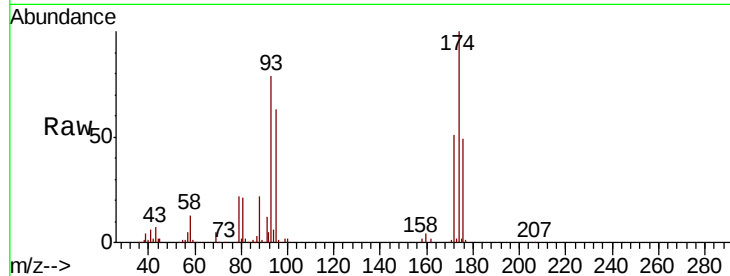
#49
1,4-Dioxane
Concen: 945.684 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

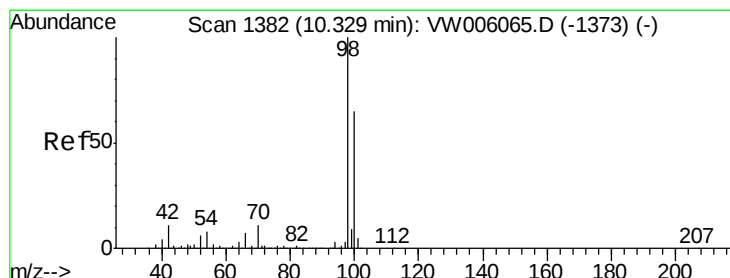
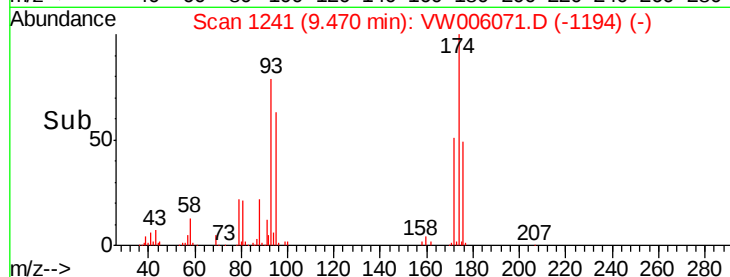
Tot Ion	88	Resp	21551
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	65.5	51.2	76.8

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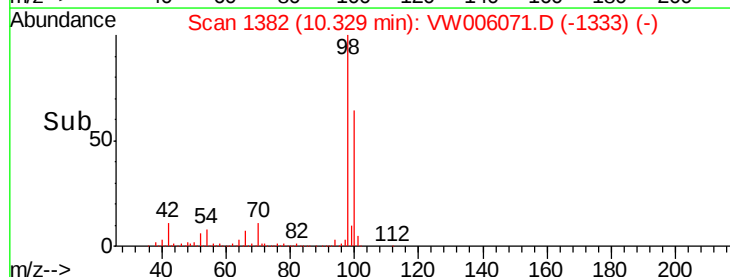
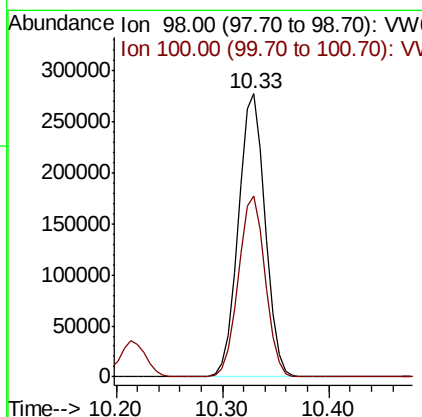
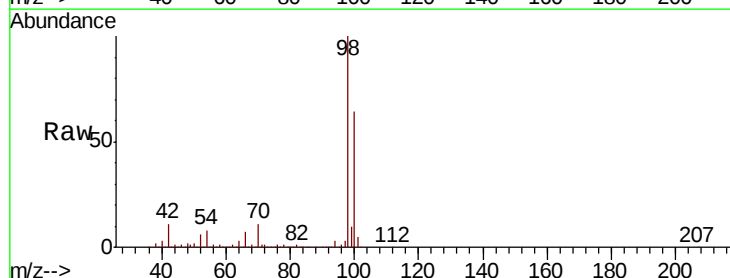


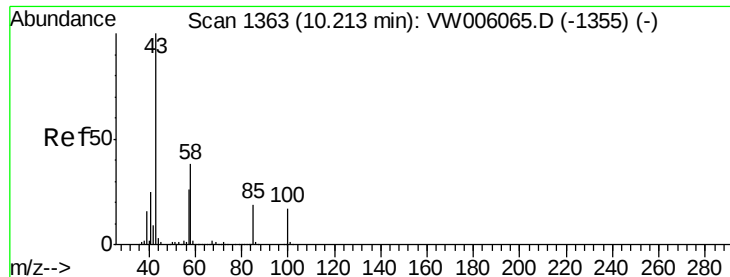
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#50
Toluene-d8
Concen: 50.673 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	98	Resp	489029
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 232.979 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 350875

Ion Ratio Lower Upper

43 100

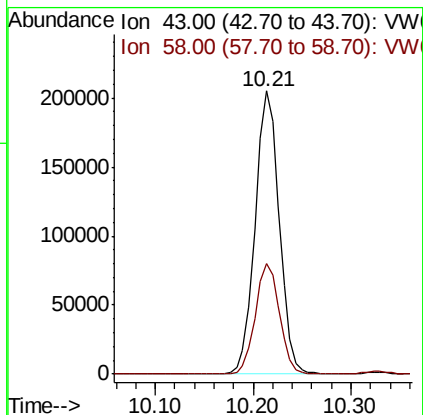
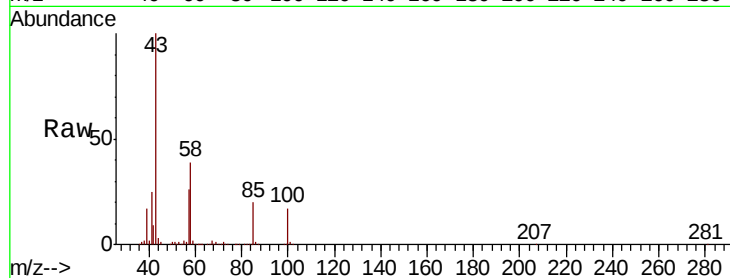
58 39.4 31.5 47.3

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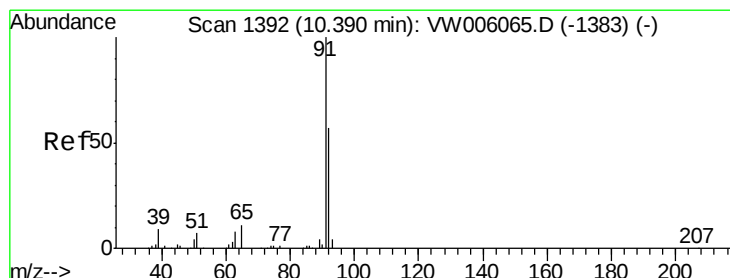
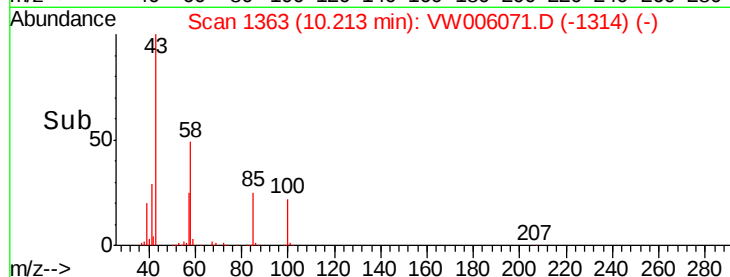
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#52

Toluene

Concen: 51.286 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006071.D

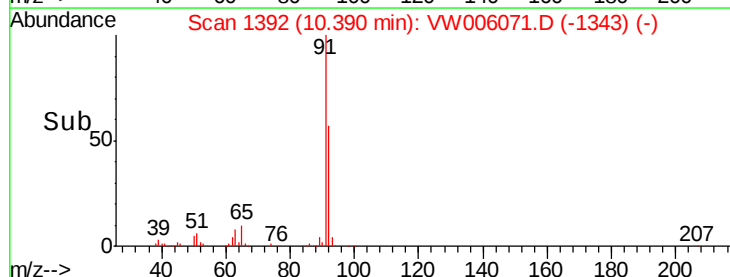
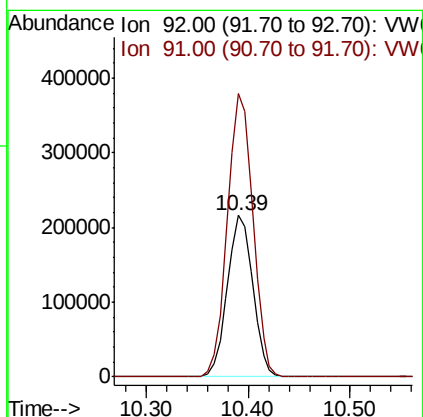
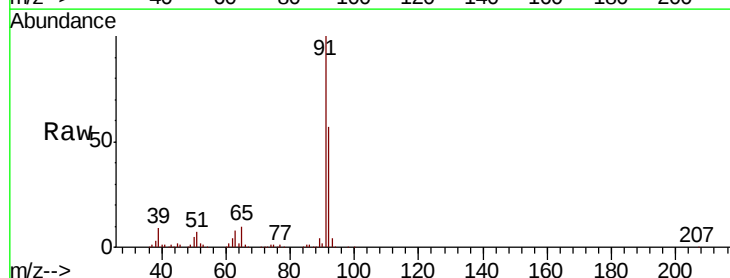
Acq: 16 Oct 2018 11:39

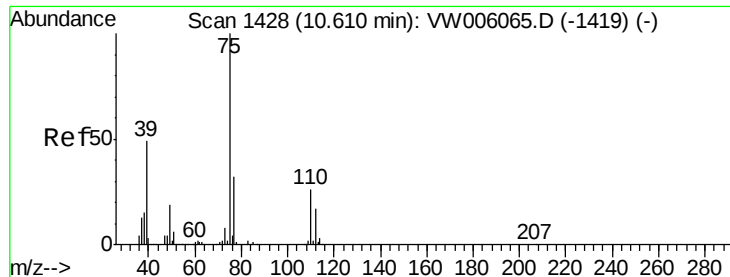
Tgt Ion: 92 Resp: 373189

Ion Ratio Lower Upper

92 100

91 175.6 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 51.836 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 185353

Ion Ratio Lower Upper

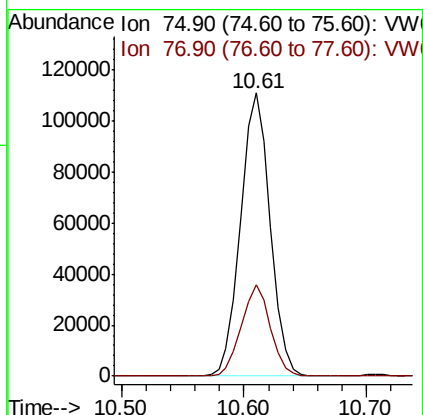
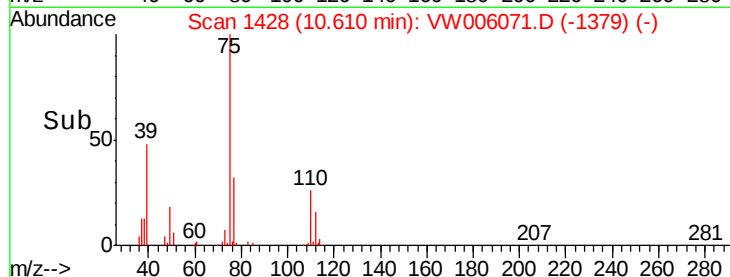
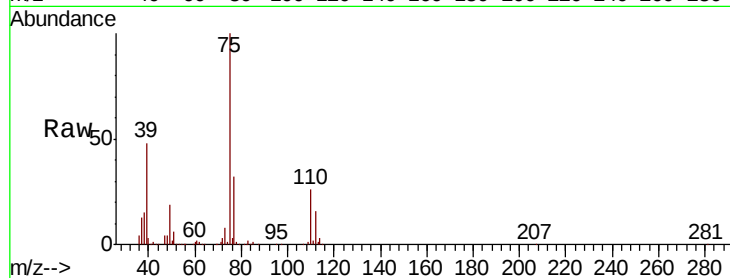
75 100

77 32.2 25.4 38.2

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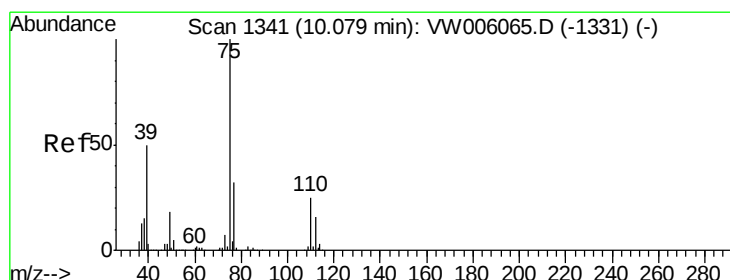
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#54

cis-1,3-Dichloropropene

Concen: 51.740 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

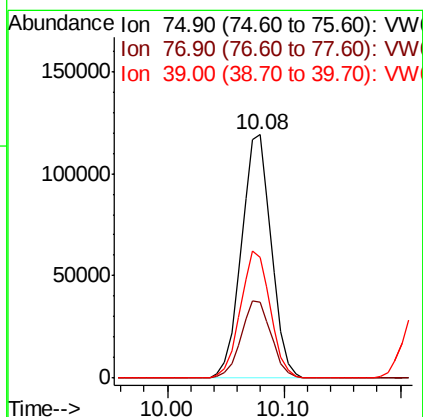
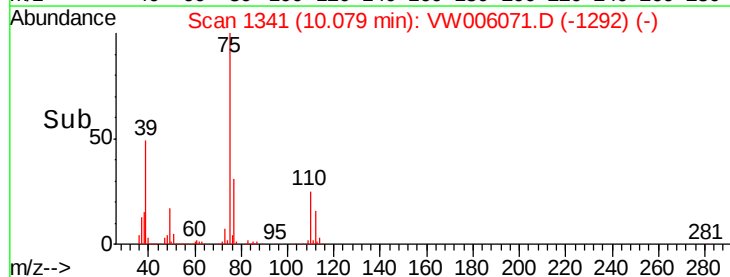
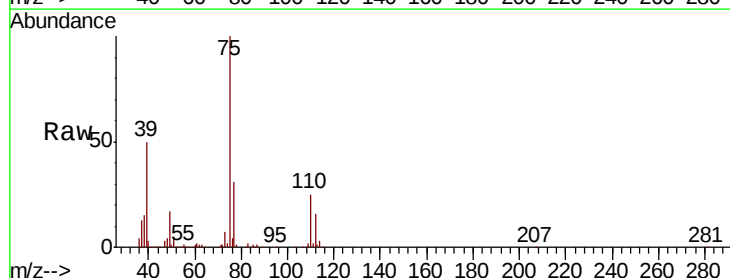
Tgt Ion: 75 Resp: 212335

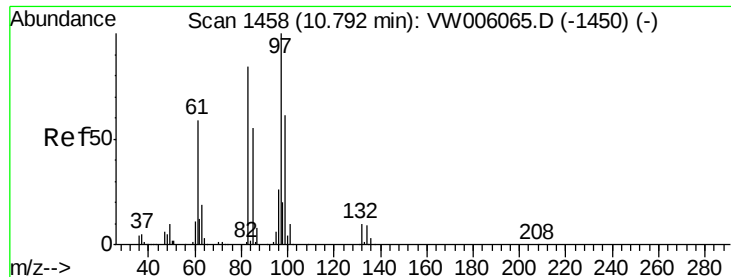
Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

39 49.5 39.9 59.9





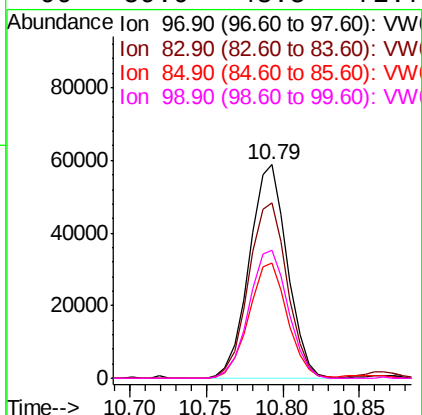
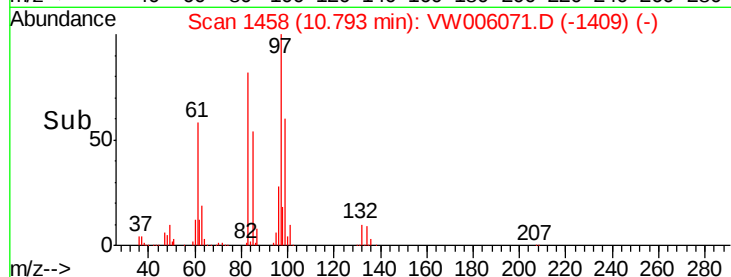
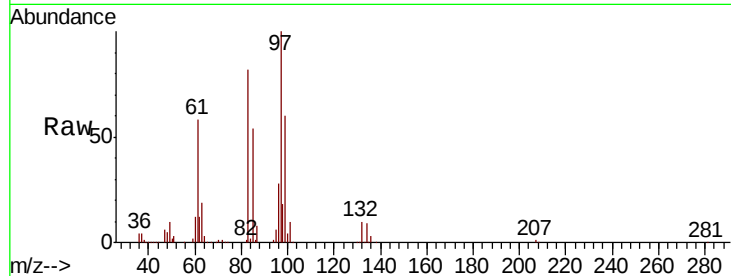
#55
 1,1,2-Trichloroethane
 Concen: 49.175 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006071.D
 Acq: 16 Oct 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

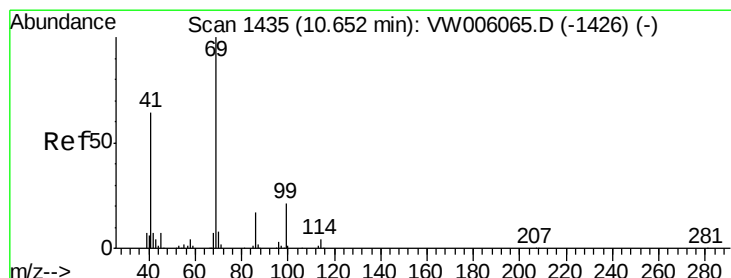
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		101867		
83	82.3	67.2	100.8		
85	54.2	43.7	65.5		
99	59.9	48.5	72.7		

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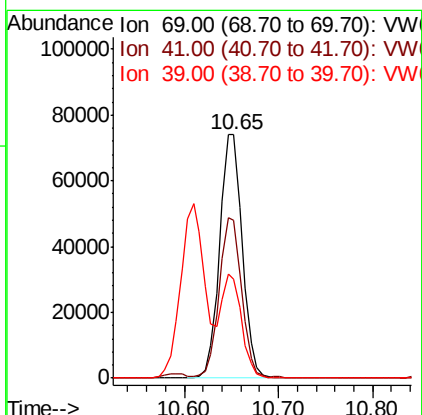
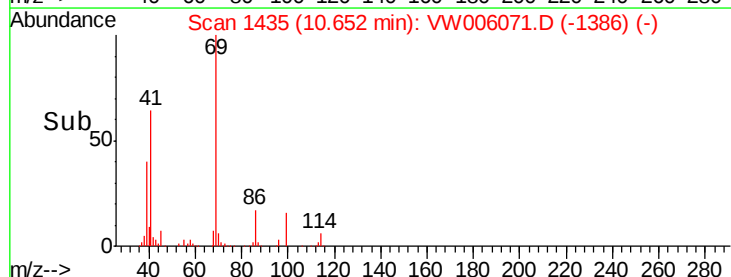
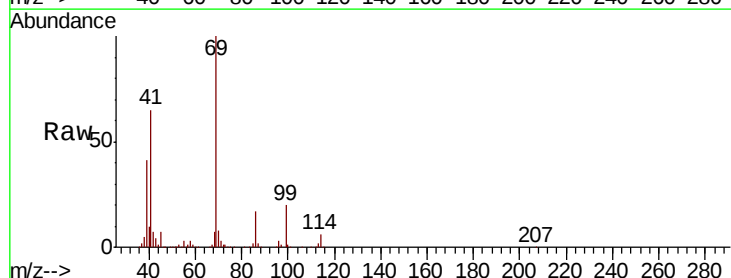


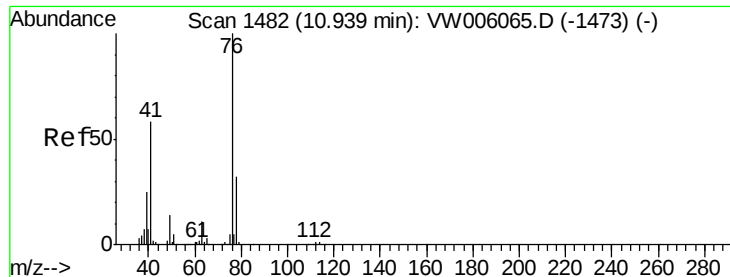
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#56
 Ethyl methacrylate
 Concen: 48.608 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006071.D
 Acq: 16 Oct 2018 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		123441		
41	64.2	52.8	79.2		
39	36.5	30.6	45.8		





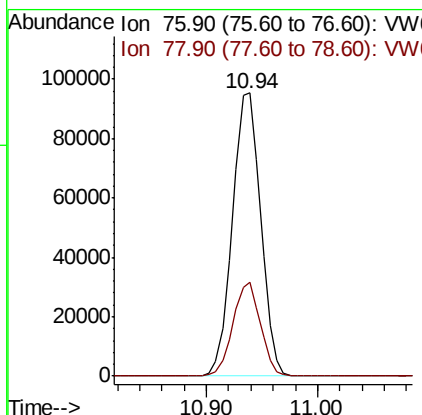
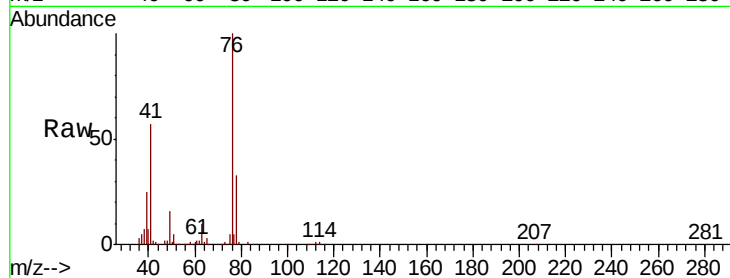
#57
 1,3-Dichloropropane
 Concen: 48.860 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW006071.D
 Acq: 16 Oct 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

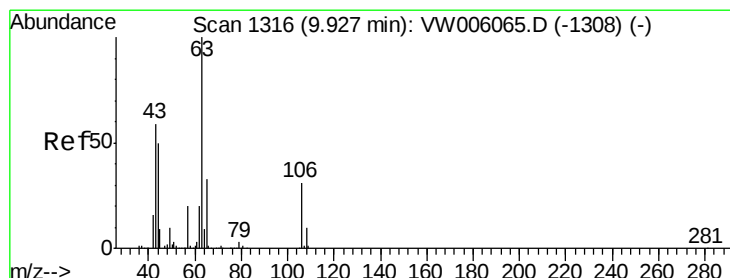
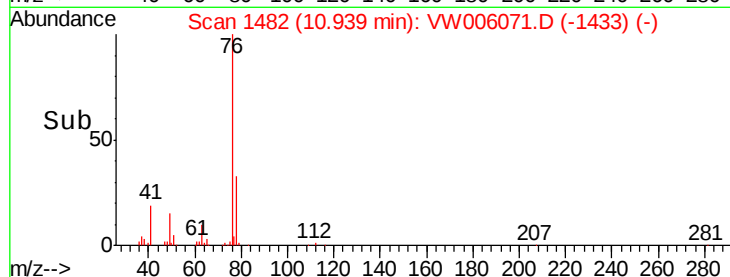
Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

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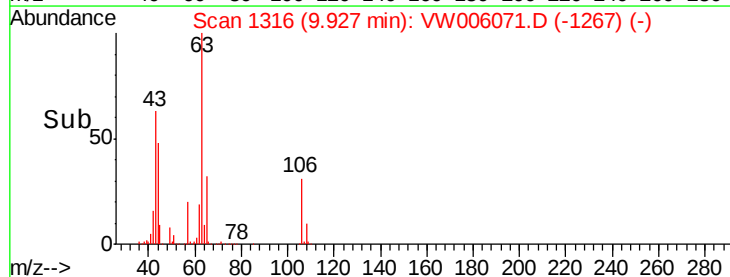
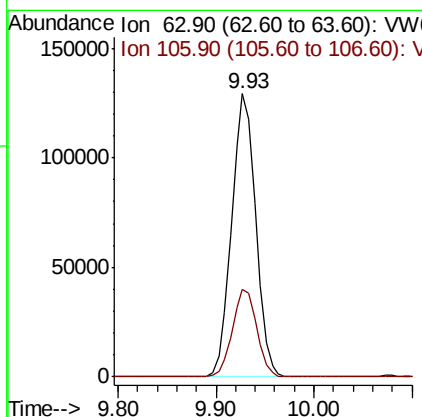
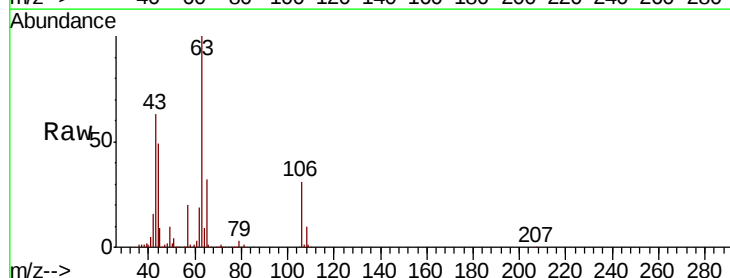


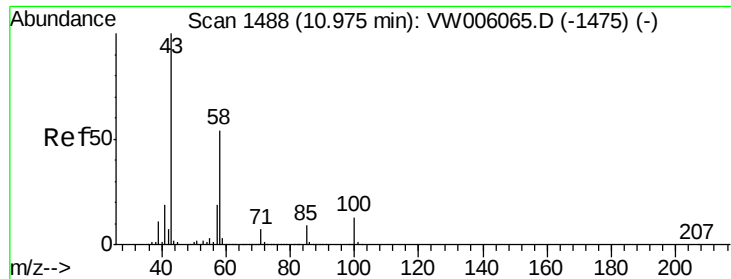
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#58
 2-Chloroethyl Vinyl ether
 Concen: 226.709 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006071.D
 Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.3	24.5	36.7





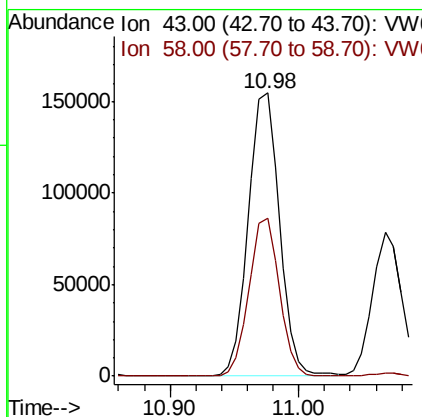
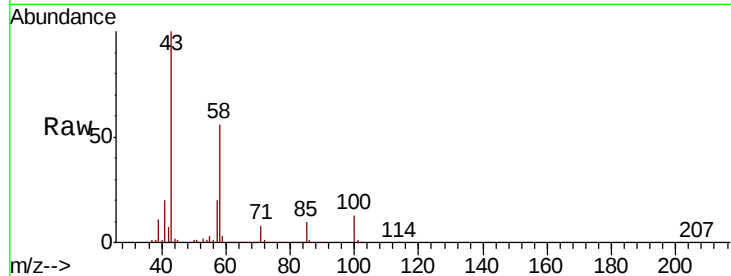
#59
2-Hexanone
Concen: 240.742 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

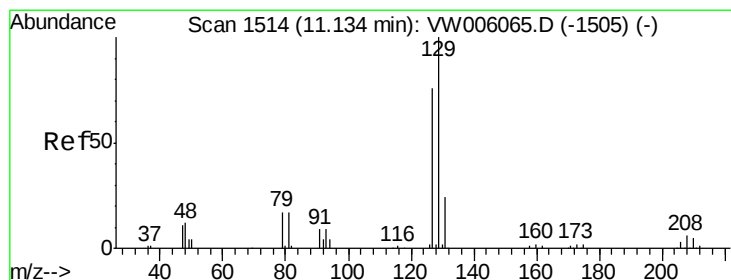
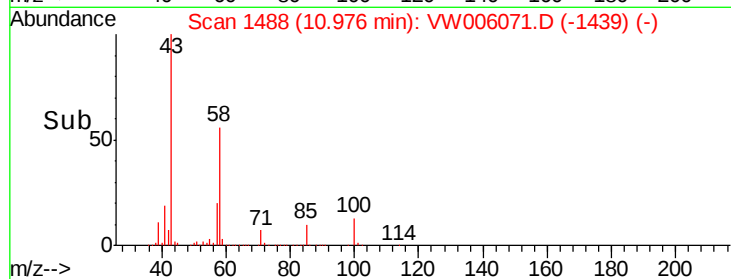
Tot Ion: 43 Resp: 258813
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.6

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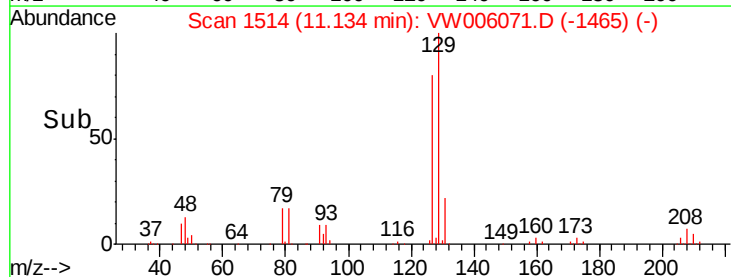
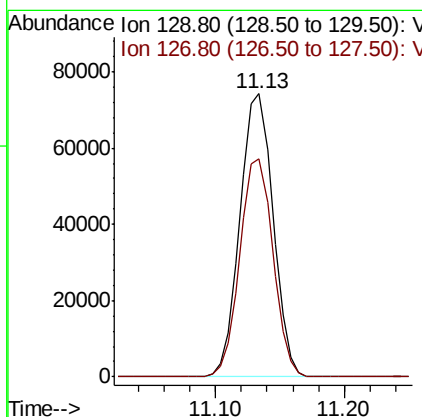
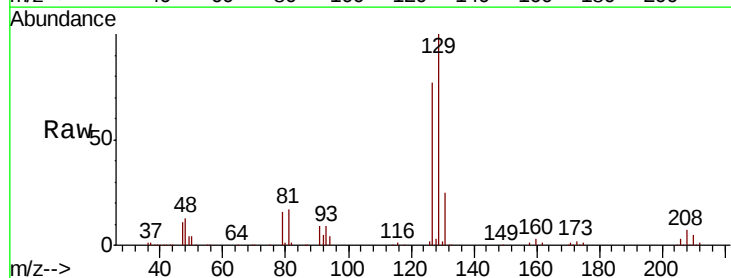


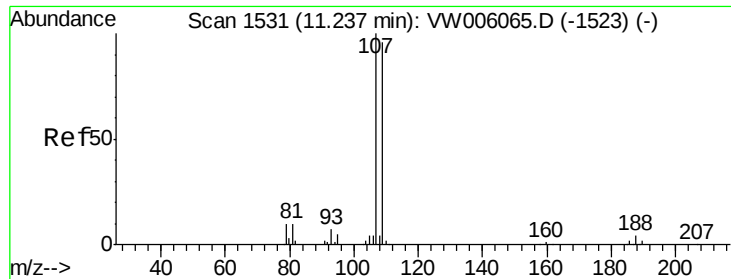
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#60
Dibromochloromethane
Concen: 51.415 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion: 129 Resp: 132665
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7





#61

1,2-Dibromoethane

Concen: 49.403 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 102256

Ion Ratio Lower Upper

107 100

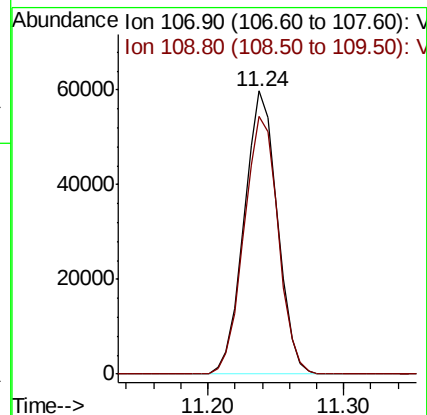
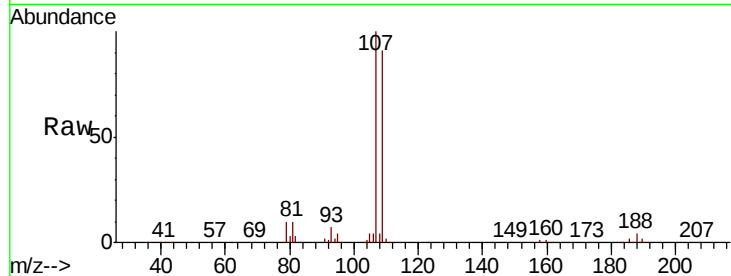
109 93.9 76.3 114.5

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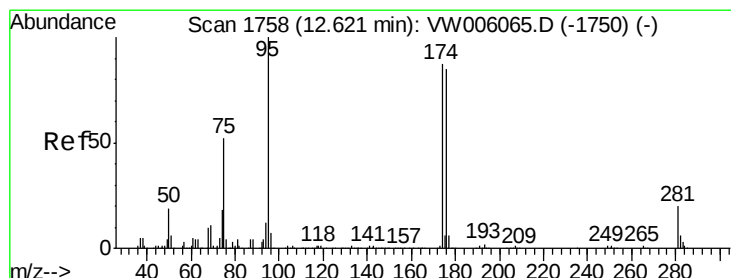
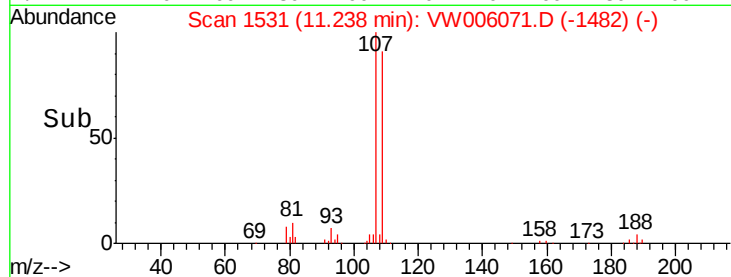
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#62

4-Bromofluorobenzene

Concen: 50.934 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

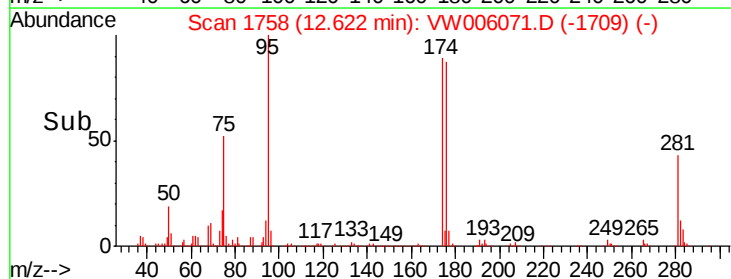
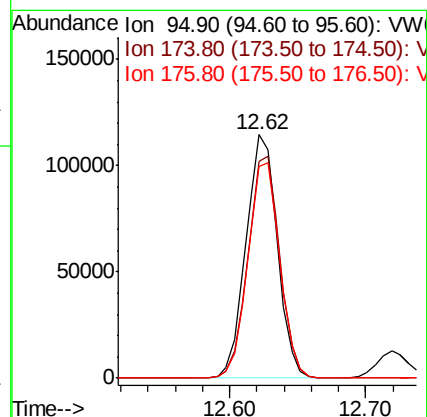
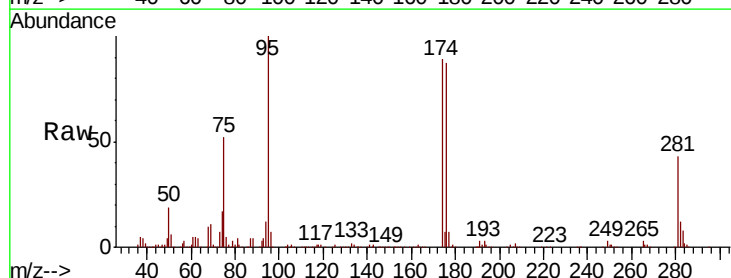
Tgt Ion: 95 Resp: 184617

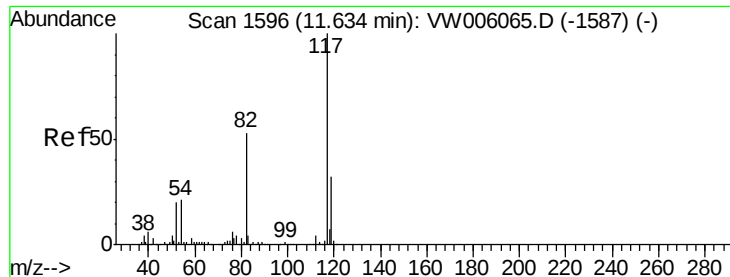
Ion Ratio Lower Upper

95 100

174 92.7 0.0 186.0

176 90.3 0.0 181.6





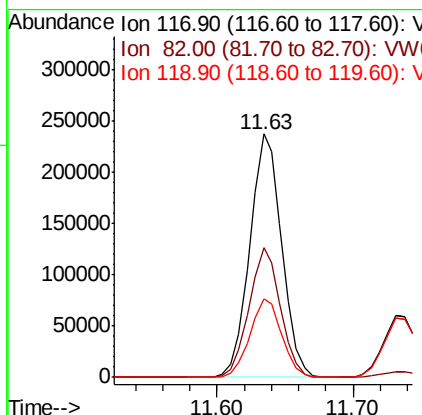
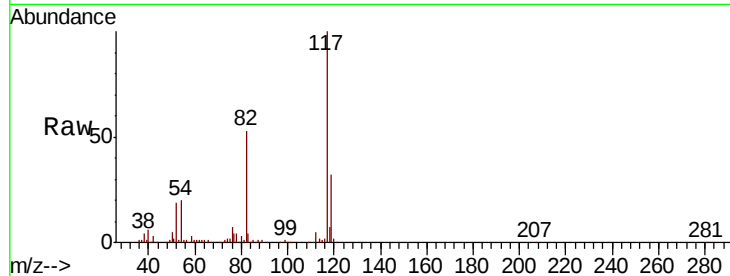
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

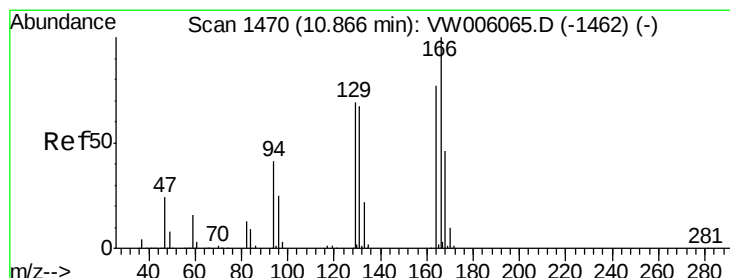
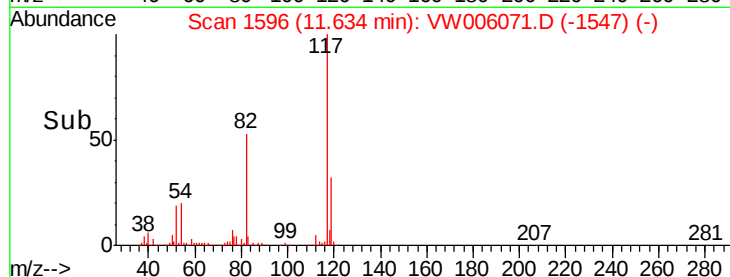
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.1	63.1
119	32.1	25.8	38.6

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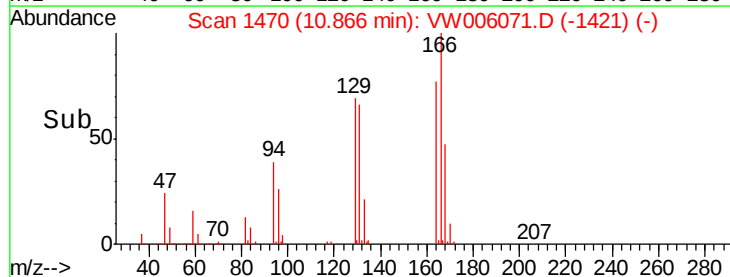
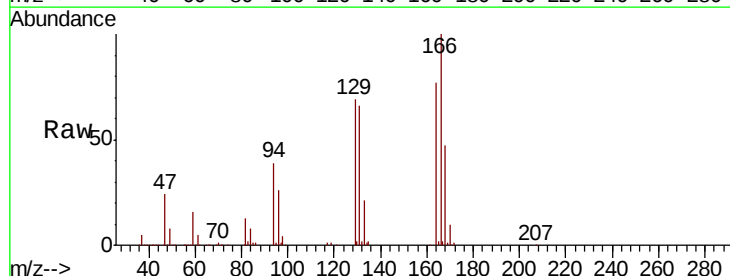
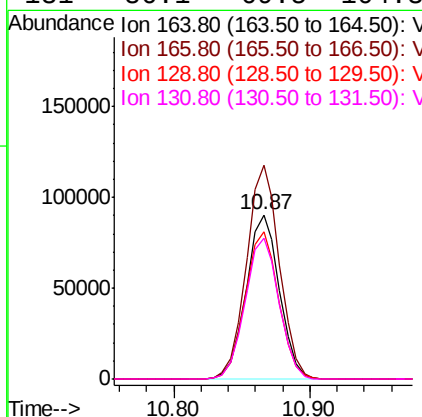


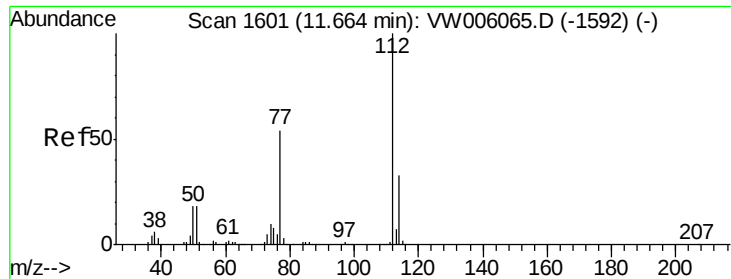
apatel
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#64
Tetrachloroethene
Concen: 51.029 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	103.4	155.0
129	89.4	71.8	107.8
131	86.1	69.5	104.3





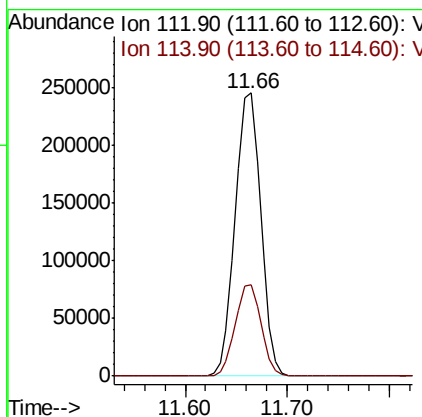
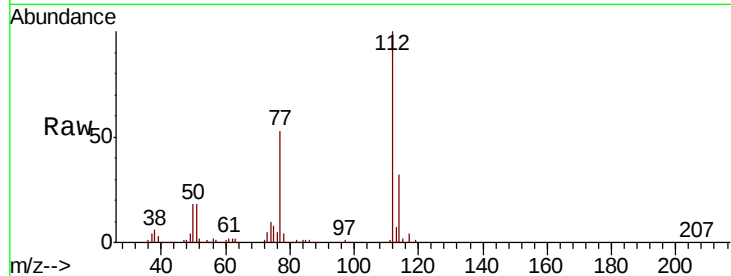
#65
Chlorobenzene
Concen: 51.301 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

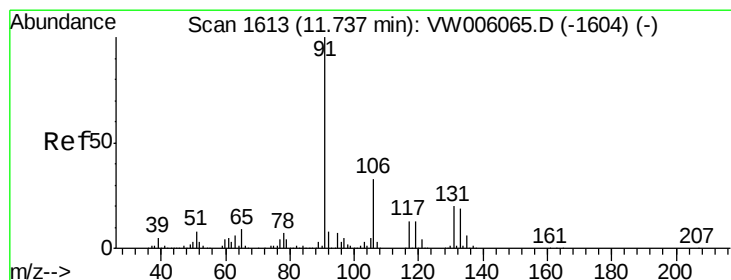
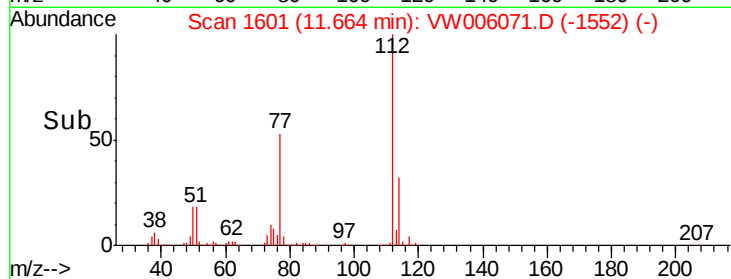
Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.2	39.2

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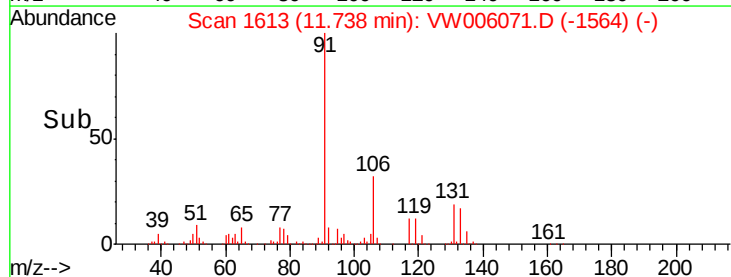
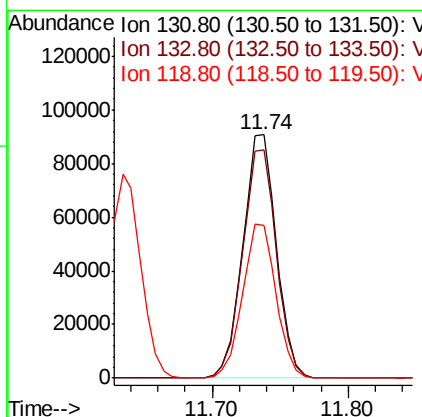
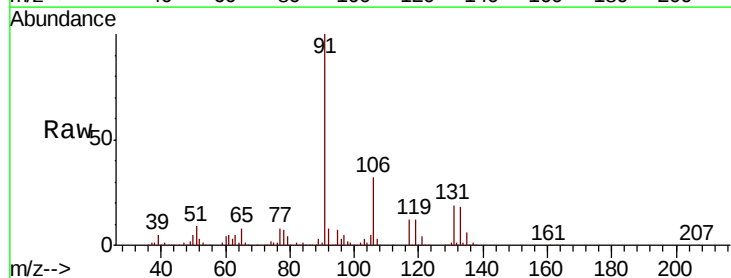


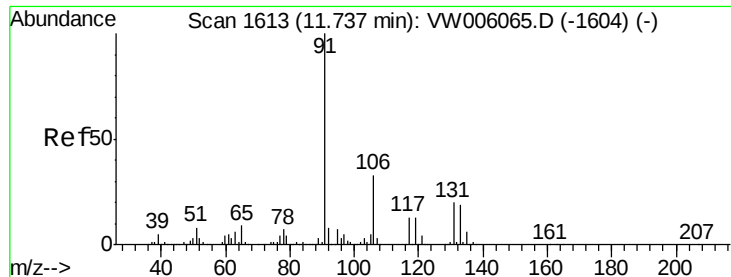
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.956 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.1	144.3
119	63.4	31.6	94.7





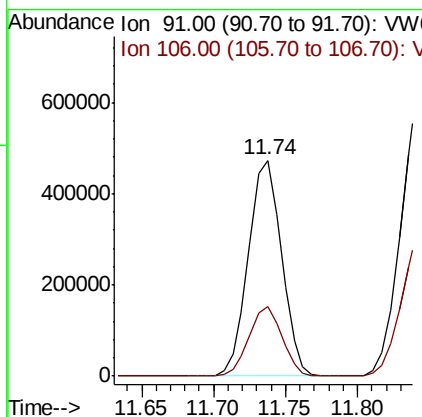
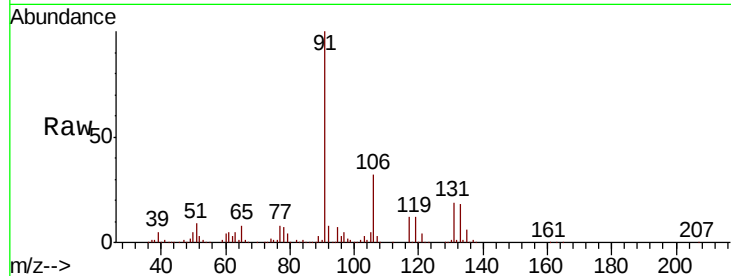
#67
Ethyl Benzene
Concen: 52.508 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

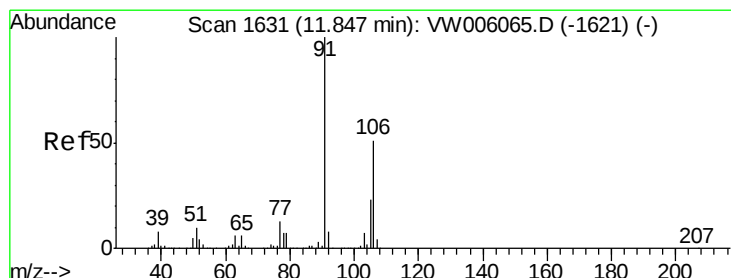
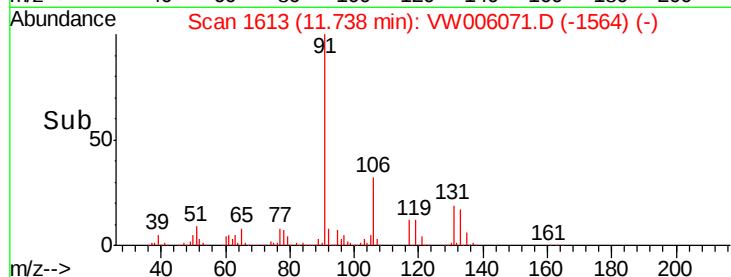
Tot Ion: 91 Resp: 757231
Ion Ratio Lower Upper
91 100
106 32.1 26.1 39.1

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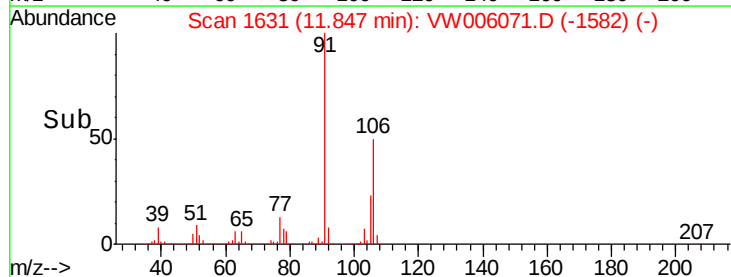
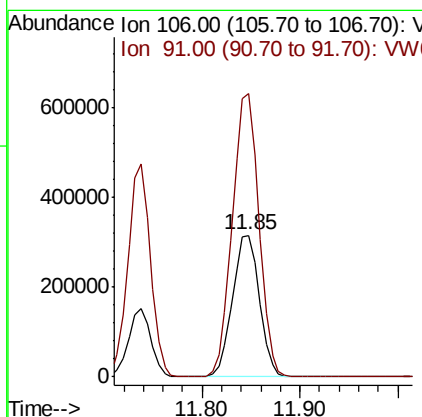
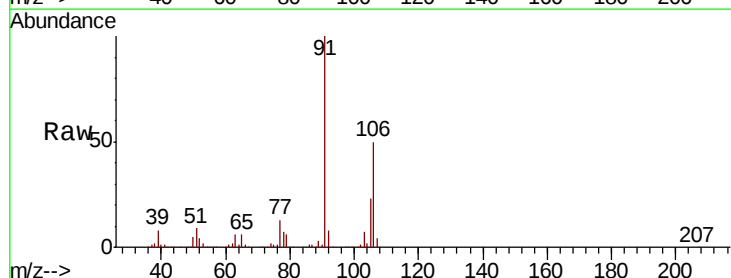


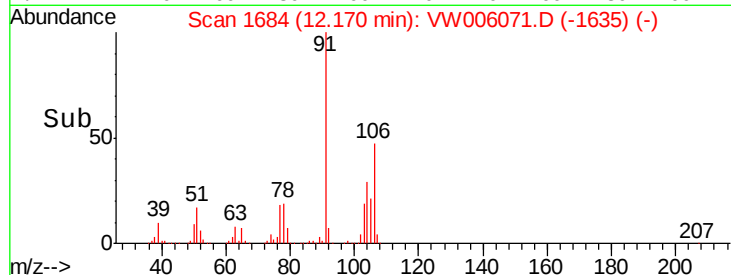
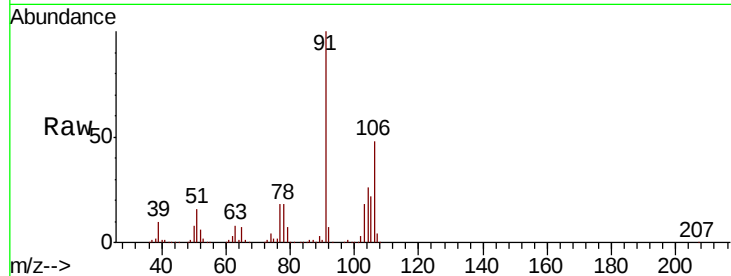
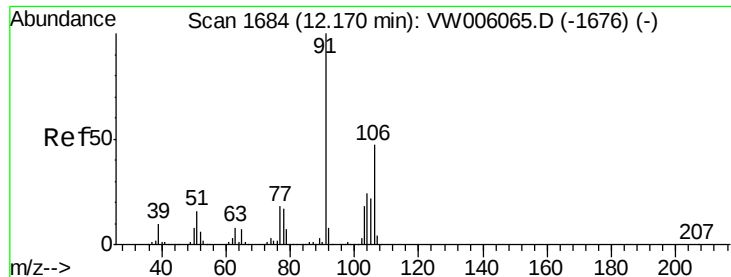
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#68
m/p-Xylenes
Concen: 105.356 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion: 106 Resp: 600531
Ion Ratio Lower Upper
106 100
91 198.3 159.1 238.7





#69
o-Xylene
Concen: 52.278 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

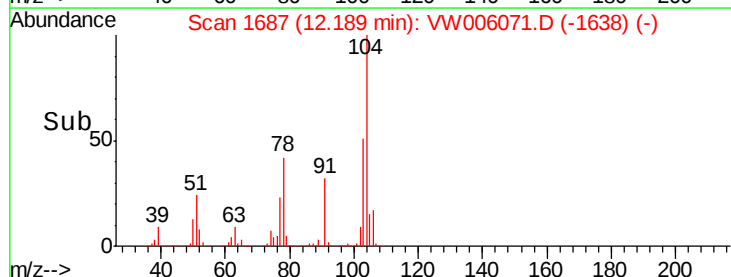
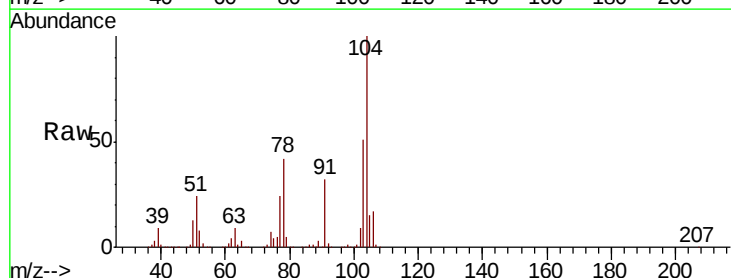
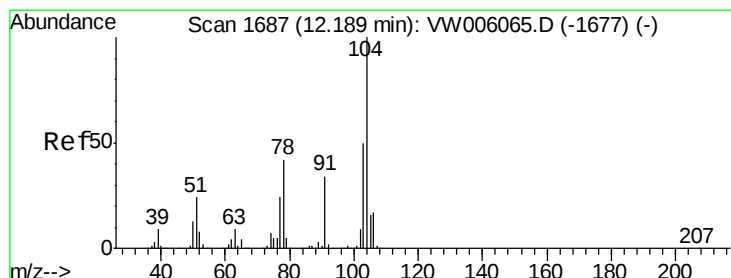
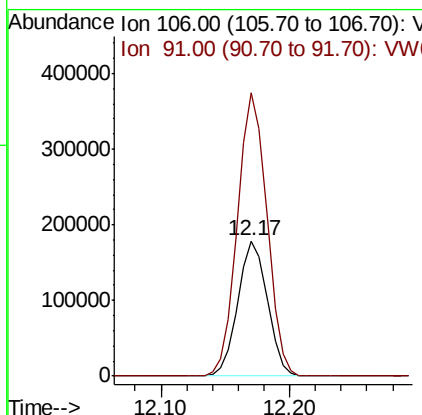
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	283989		
91	91	209.6	105.4	316.1	

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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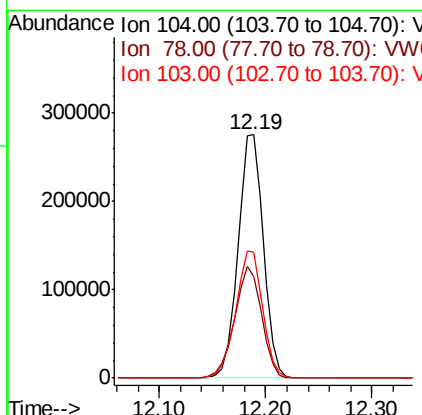
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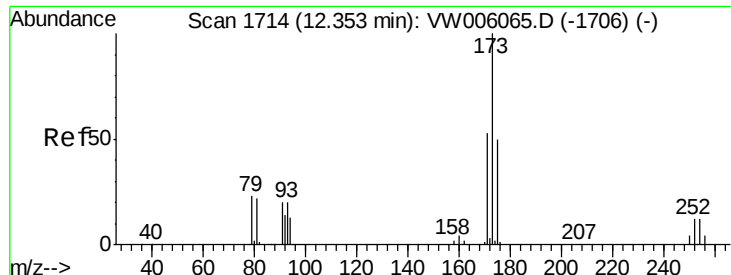
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#70
Styrene
Concen: 52.055 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	459832		
78	78	49.0	39.1	58.7	
103	103	55.5	44.3	66.5	





#71

Bromoform

Concen: 50.412 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 83152

Ion Ratio Lower Upper

173 100

175 49.8 24.2 72.6

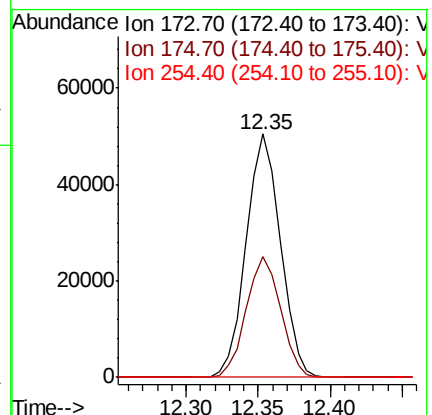
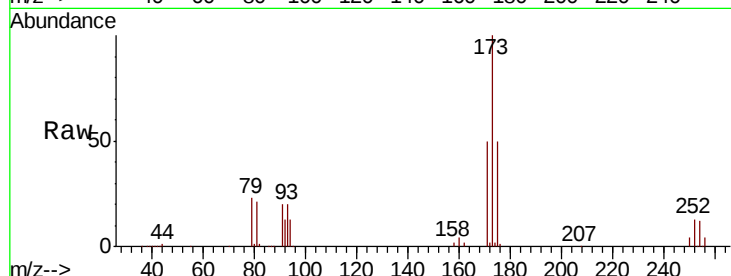
254 0.1 0.1 0.1

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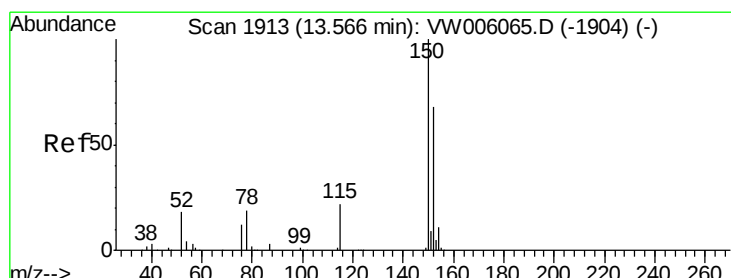
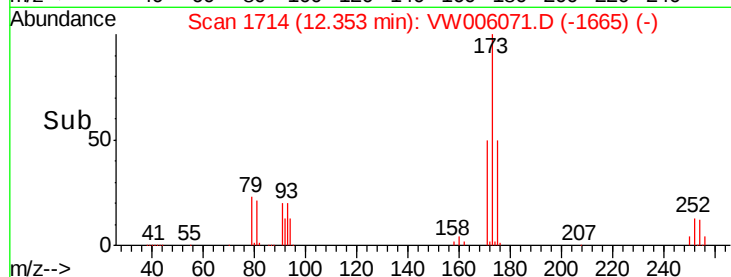
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

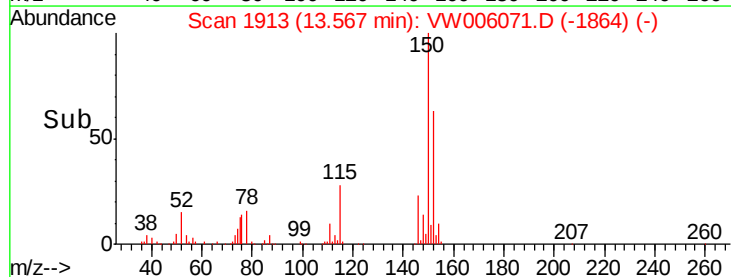
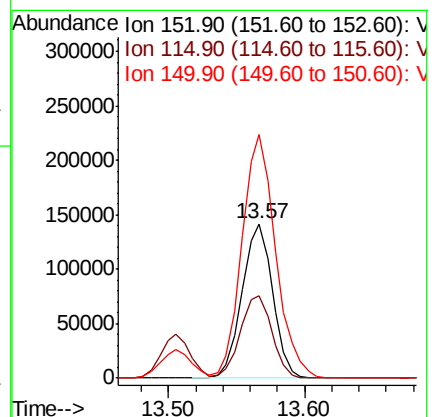
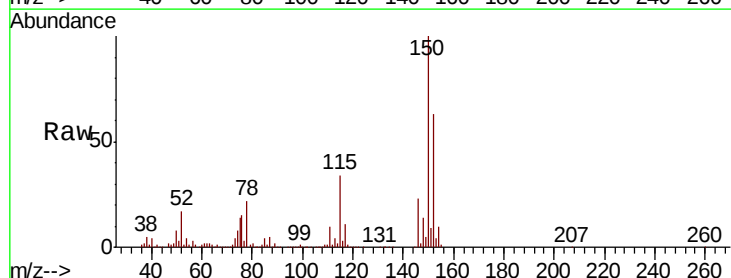
Tgt Ion:152 Resp: 221835

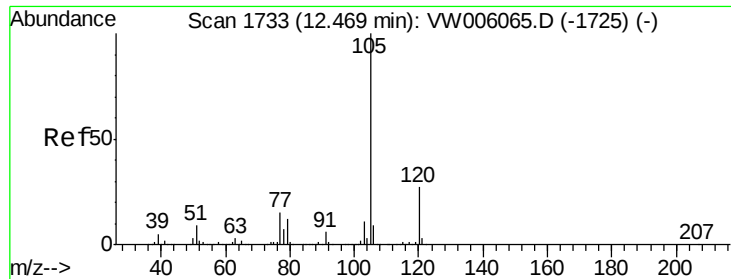
Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.3

150 173.8 0.0 349.2





#73

Isopropylbenzene

Concen: 51.673 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 809816

Ion Ratio Lower Upper

105 100

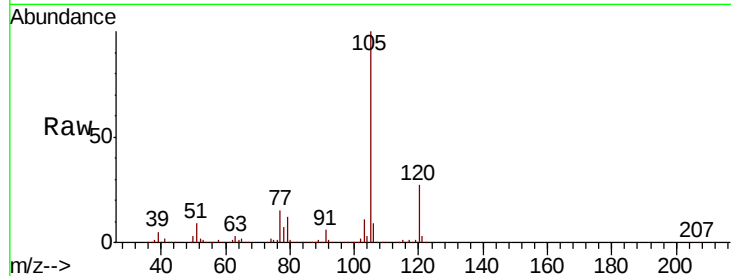
120 27.2 13.6 40.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

600000

500000

400000

300000

200000

100000

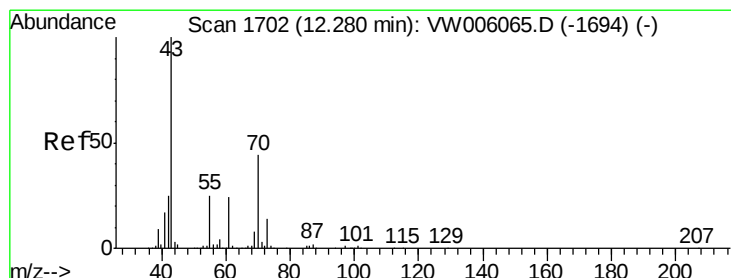
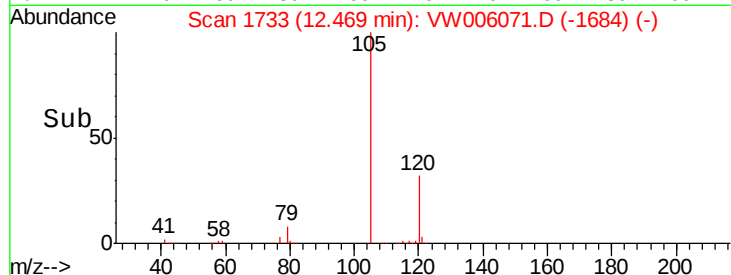
0

Time-->

12.40 12.50 12.60

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#74

N-ethyl acetate

Concen: 48.007 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tgt Ion: 43 Resp: 146129

Ion Ratio Lower Upper

43 100

70 43.1 34.2 51.4

55 23.9 19.2 28.8

61 24.3 19.0 28.6

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

150000

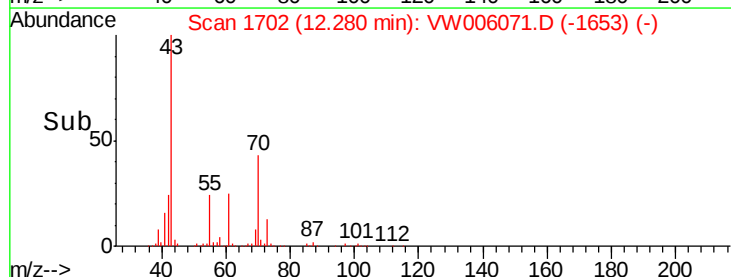
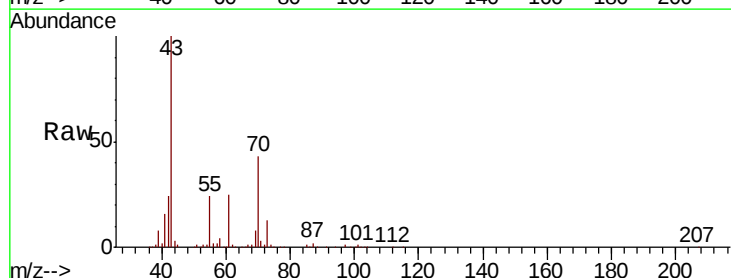
100000

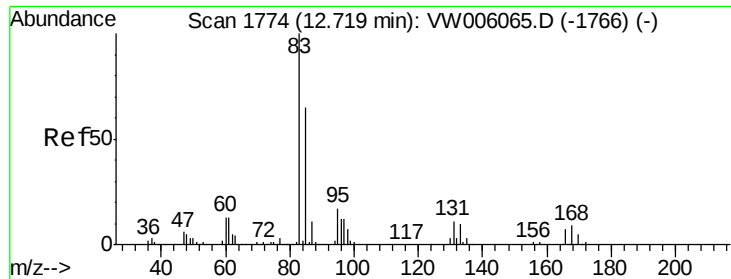
50000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 48.084 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

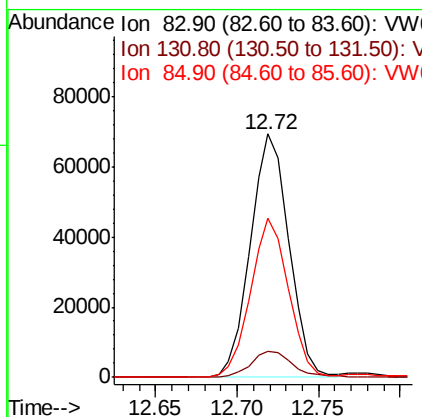
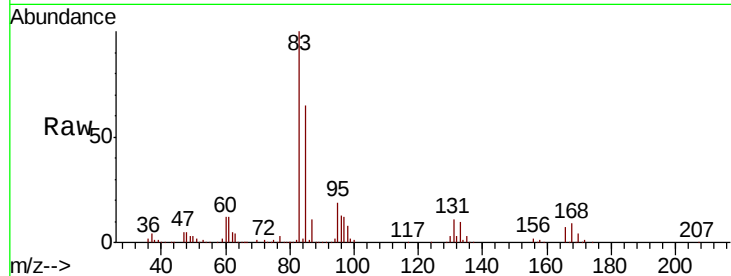
ClientSampleId :

VSTDCCC050

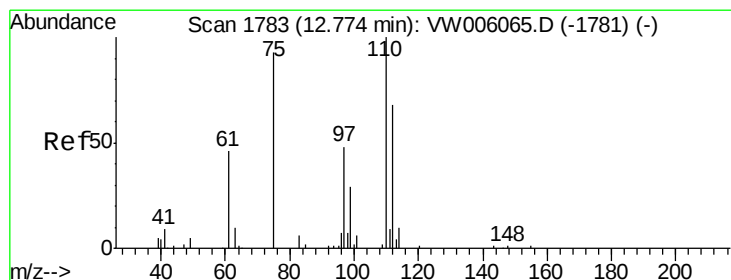
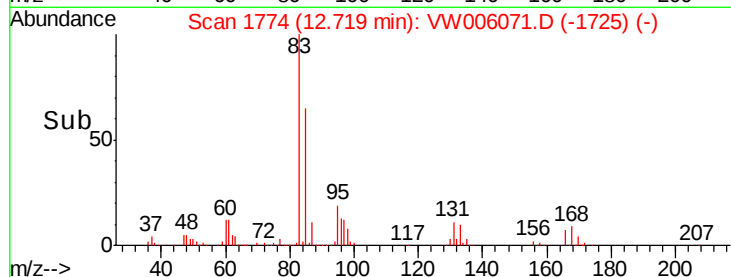
Tot Ion:	83	Resp:	114615
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.9	17.7
85	63.8	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.769 ug/l m

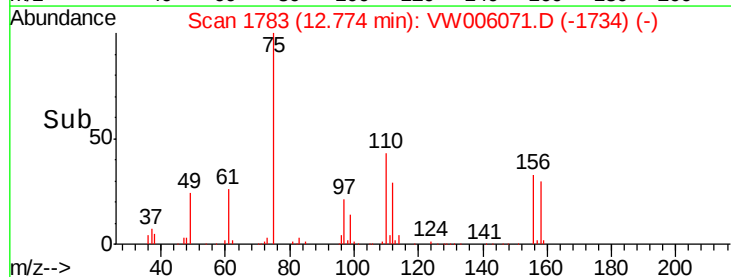
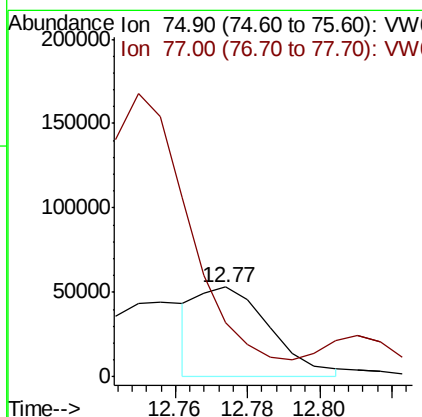
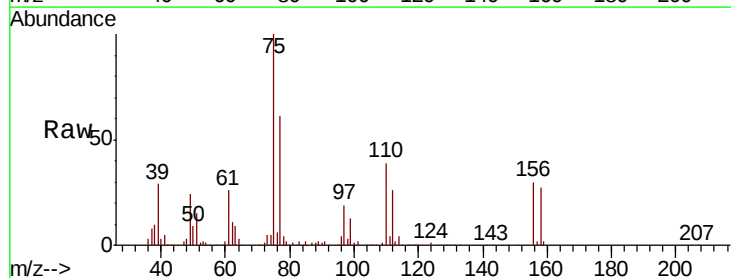
RT: 12.77 min Scan# 1783

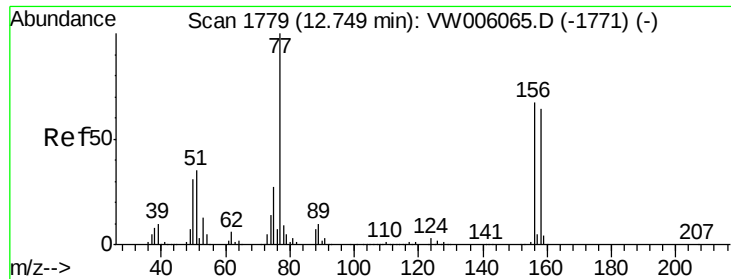
Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Tgt Ion:	75	Resp:	74162
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





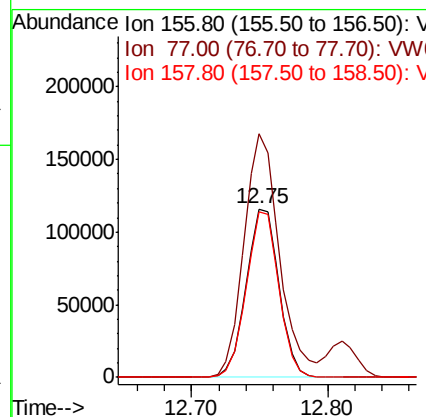
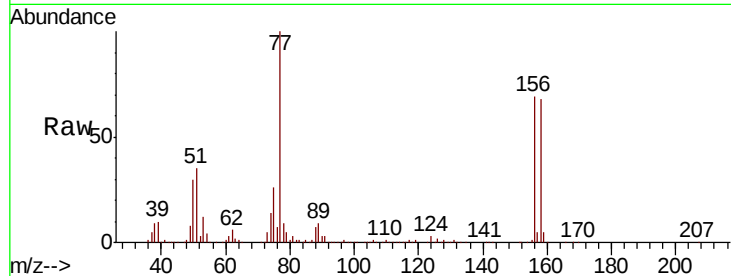
#77
Bromobenzene
Concen: 50.759 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

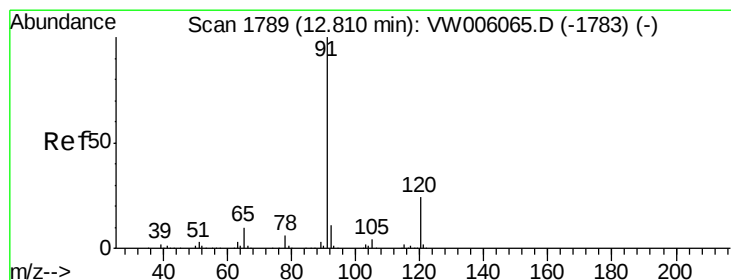
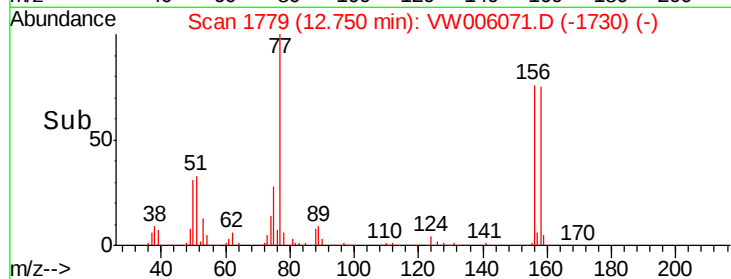
Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		194841		
77	157.0	79.1	237.4		
158	97.7	48.5	145.6		

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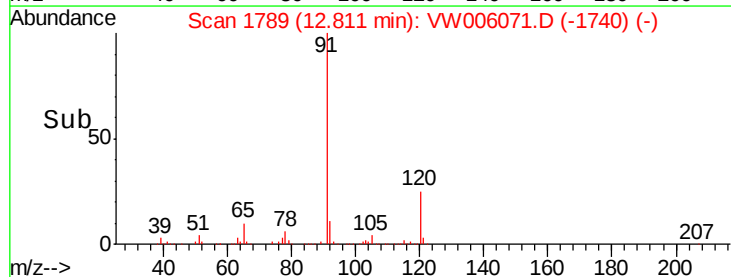
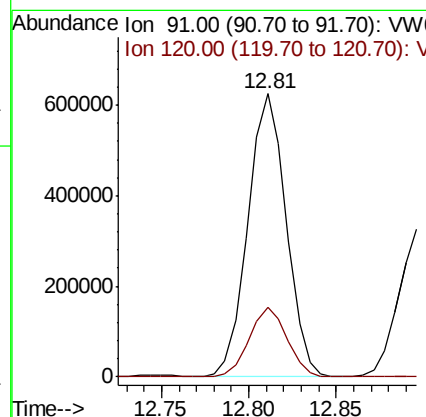
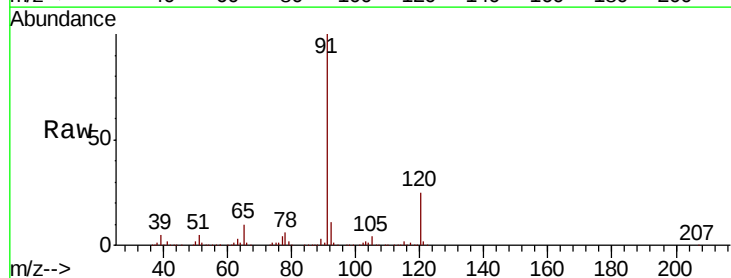


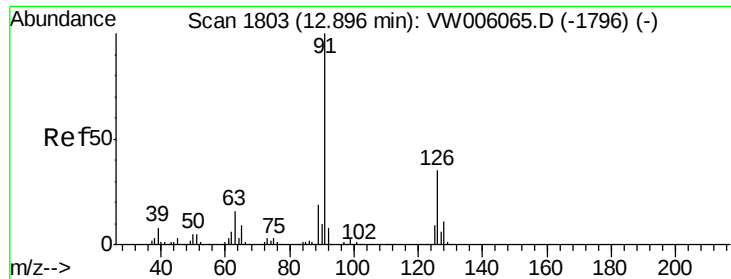
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#78
n-propylbenzene
Concen: 52.118 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		950266		
120	24.5	12.2	36.6		





#79

2-Chlorotoluene

Concen: 51.364 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 526193

Ion Ratio Lower Upper

91 100

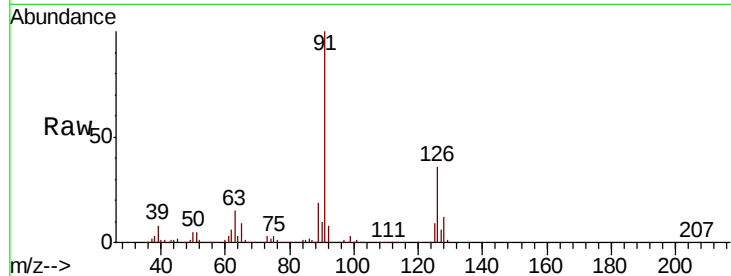
126 36.3 17.9 53.8

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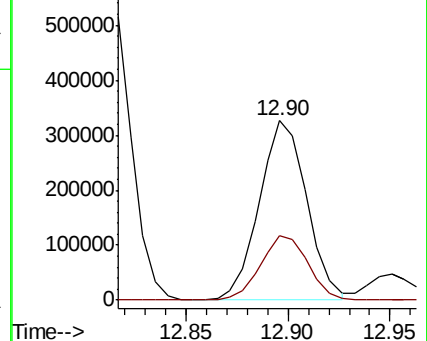
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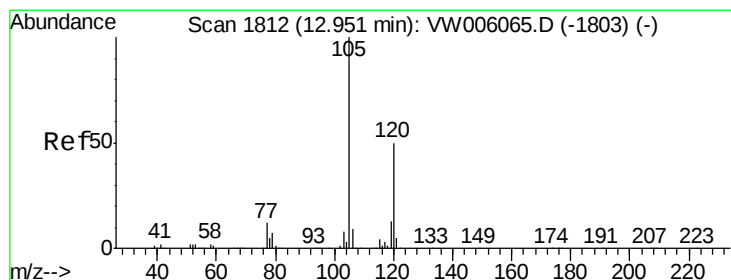
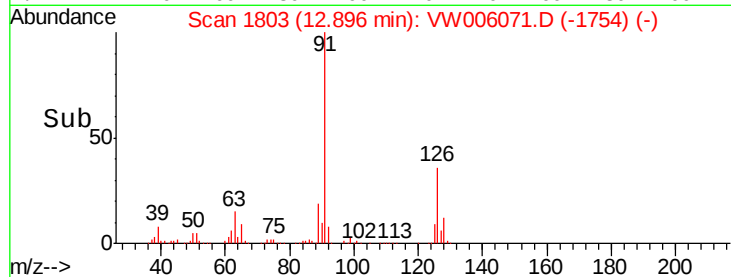
Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



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#80

1,3,5-Trimethylbenzene

Concen: 51.607 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006071.D

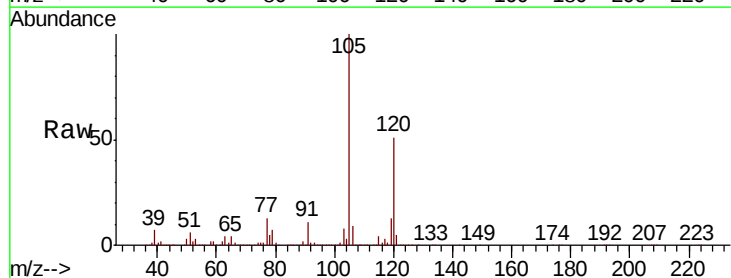
Acq: 16 Oct 2018 11:39

Tgt Ion: 105 Resp: 681828

Ion Ratio Lower Upper

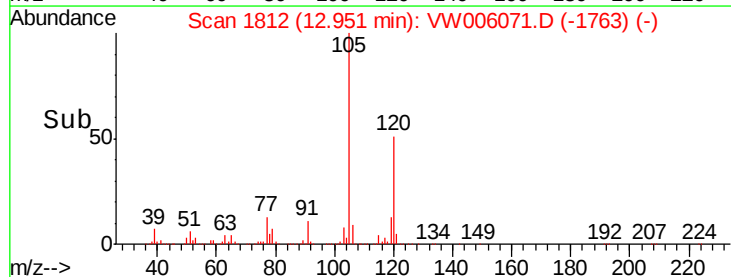
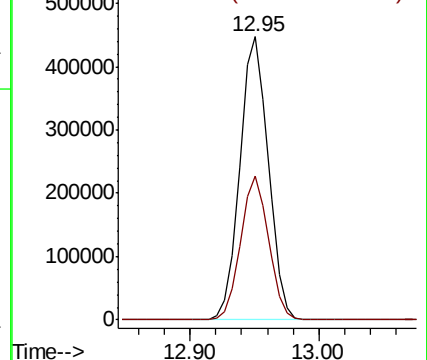
105 100

120 50.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





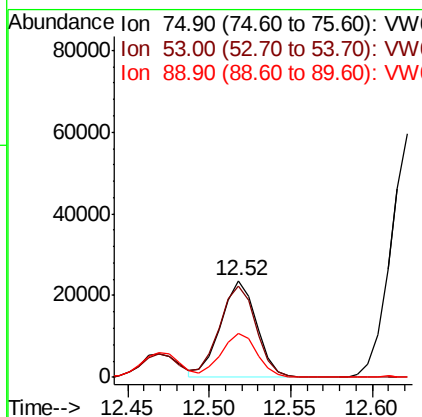
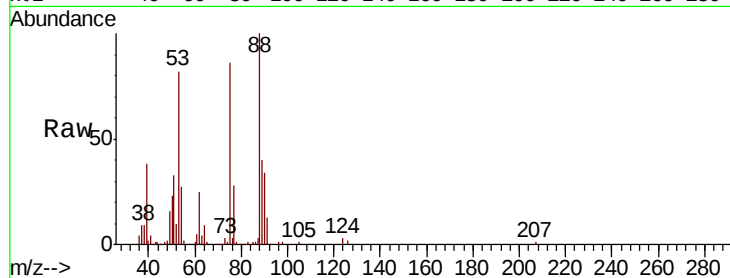
#81
trans-1,4-Dichloro-2-butene
Concen: 50.997 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

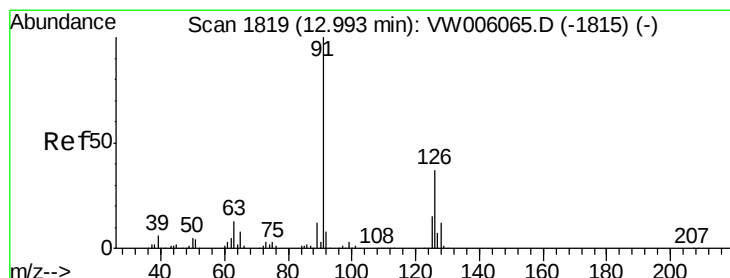
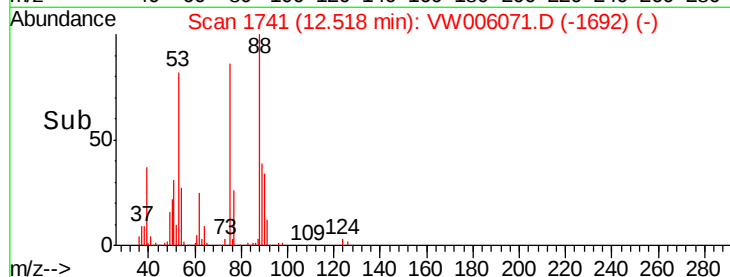
Tot Ion	Ratio	Lower	Upper
75	100		
53	97.9	79.8	119.6
89	45.5	37.5	56.3

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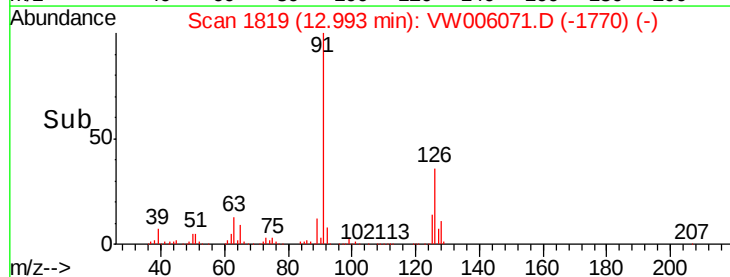
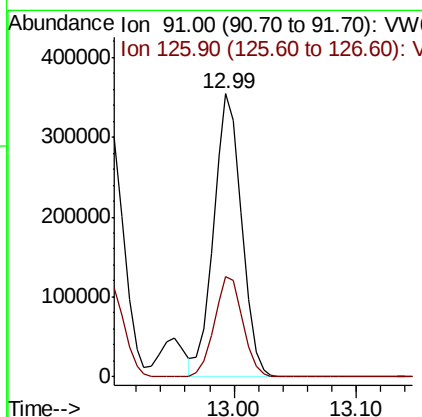
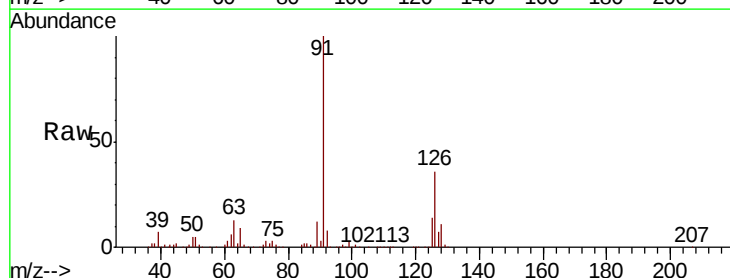


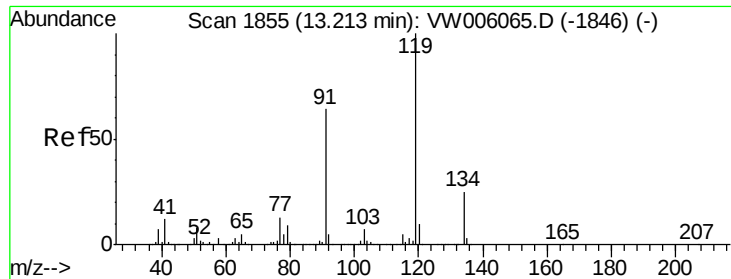
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#82
4-Chlorotoluene
Concen: 52.373 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	18.1	54.3





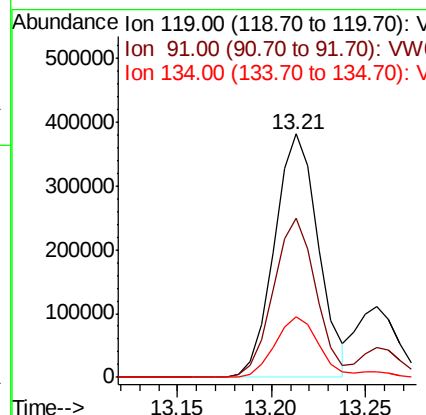
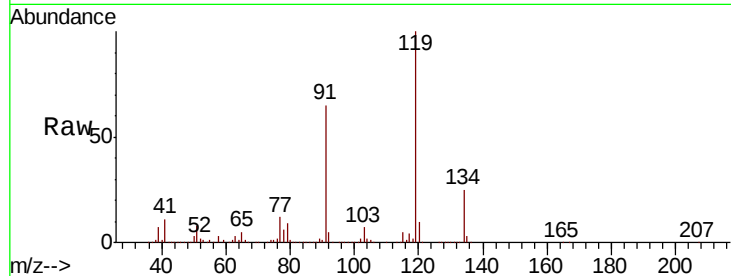
#83
tert-Butylbenzene
Concen: 52.283 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

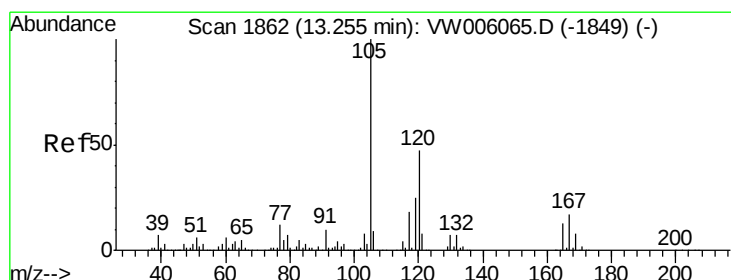
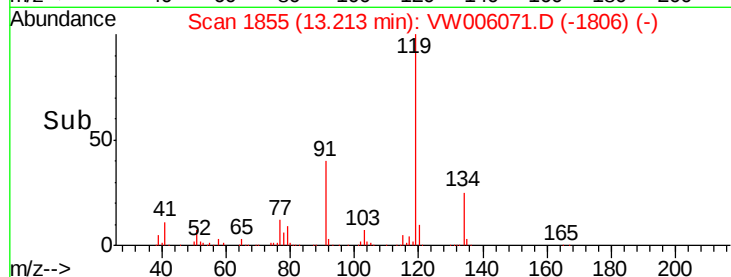
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	32.3	96.9
134	25.0	13.6	40.8

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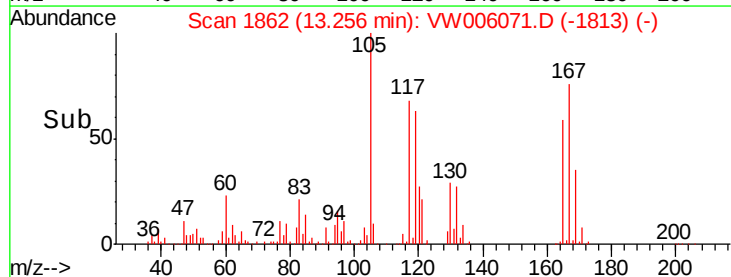
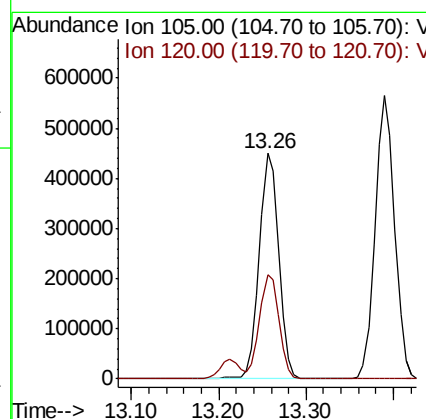
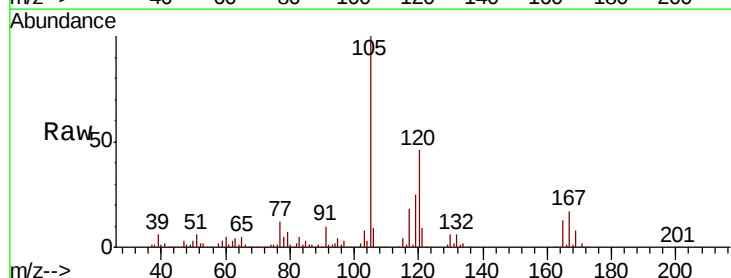


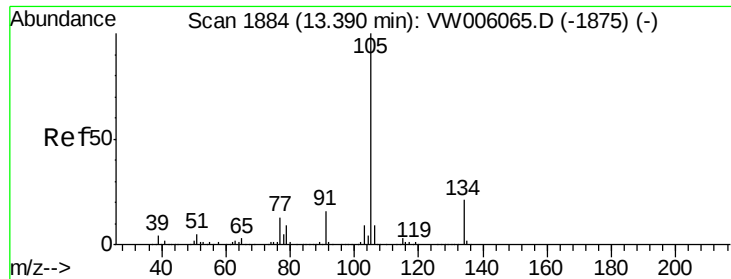
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#84
1,2,4-Trimethylbenzene
Concen: 51.933 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 52.486 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 876488

Ion Ratio Lower Upper

105 100

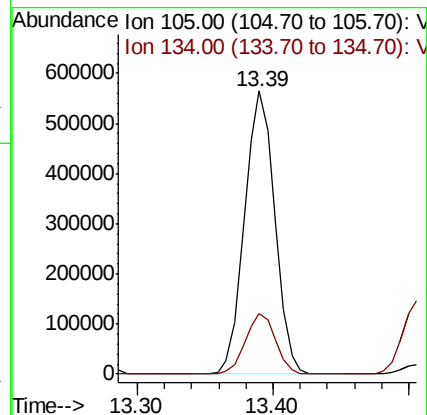
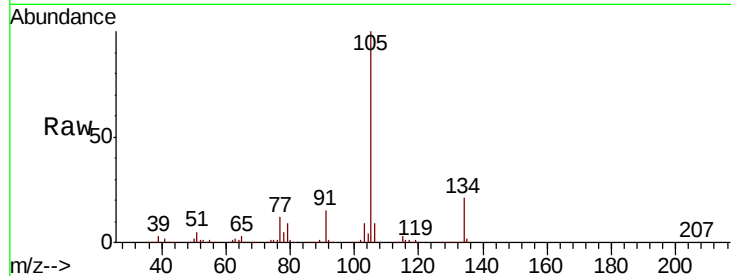
134 21.3 10.5 31.6

Manual Integrations

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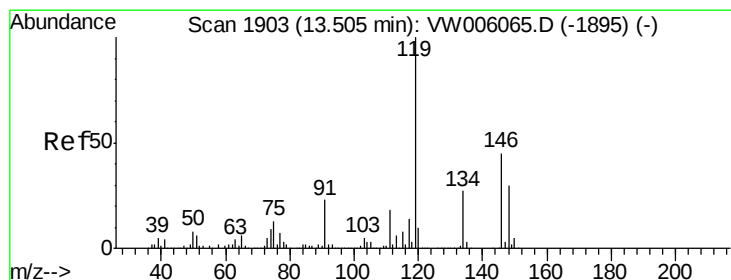
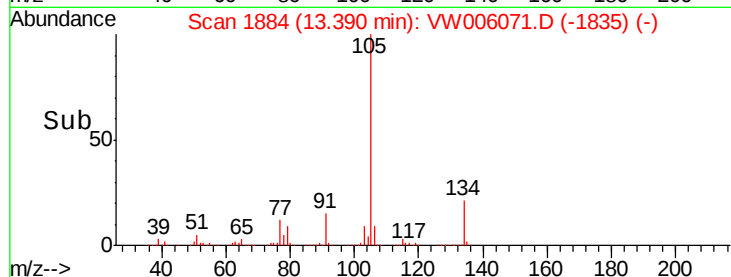
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#86

p-Isopropyltoluene

Concen: 52.583 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006071.D

Acq: 16 Oct 2018 11:39

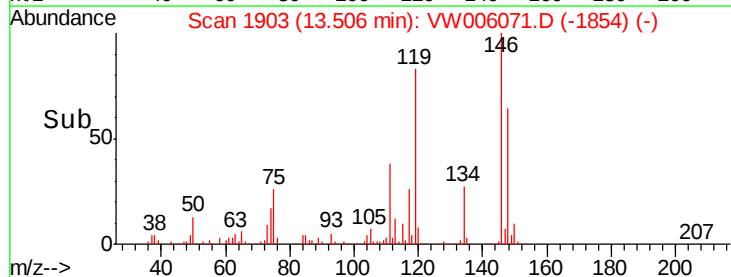
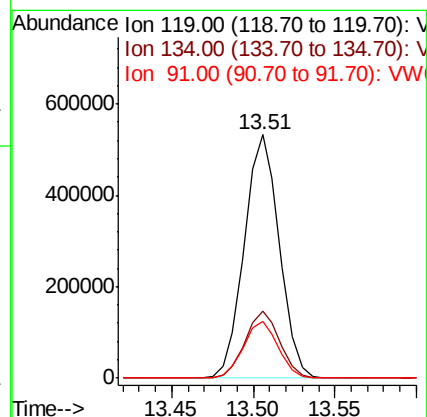
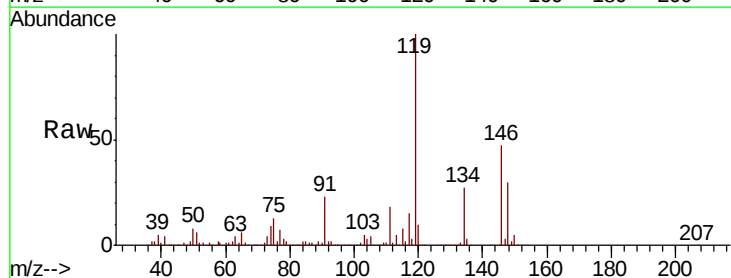
Tgt Ion:119 Resp: 794251

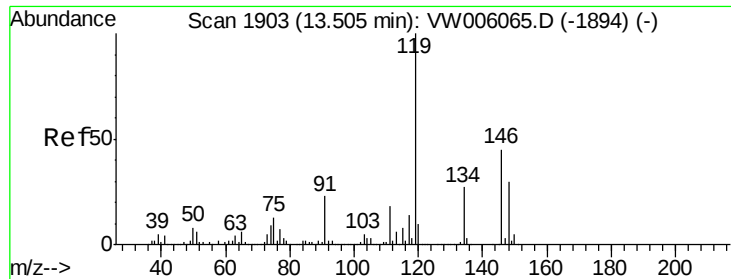
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 23.0 11.4 34.1





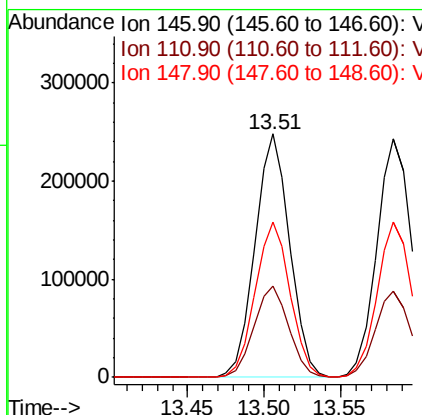
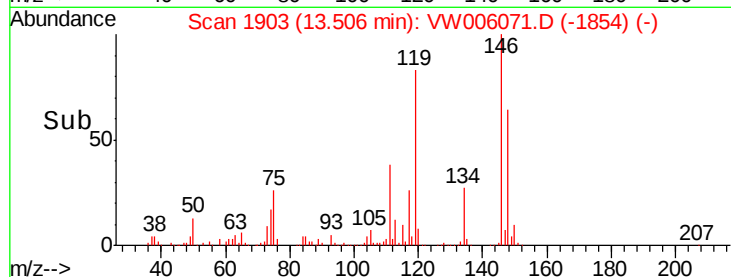
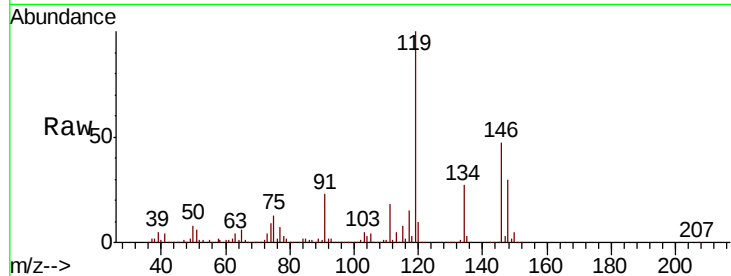
#87
 1,3-Dichlorobenzene
 Concen: 51.205 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006071.D
 Acq: 16 Oct 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

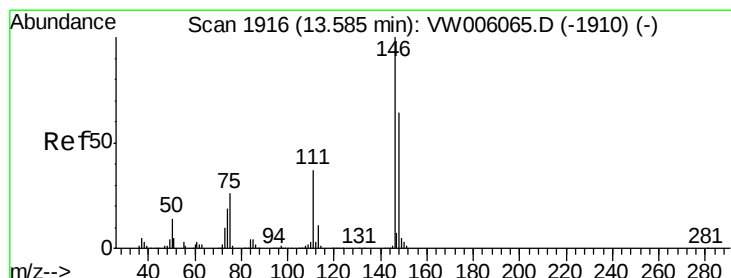
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.5
148	64.1	32.0	96.2

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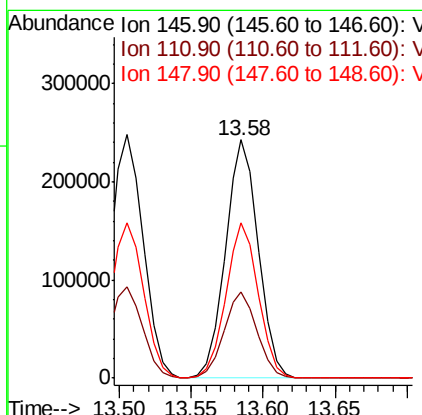
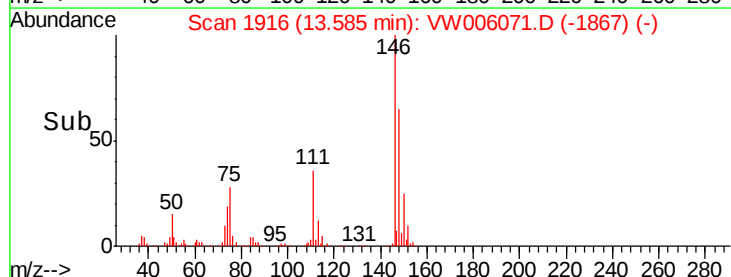
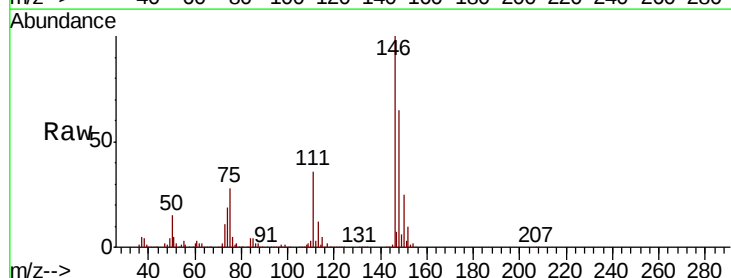


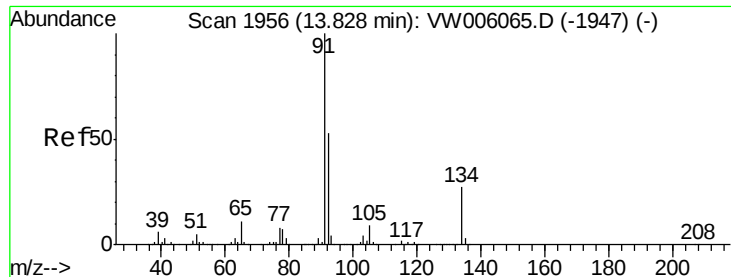
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#88
 1,4-Dichlorobenzene
 Concen: 50.788 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006071.D
 Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	56.0
148	64.1	32.1	96.5





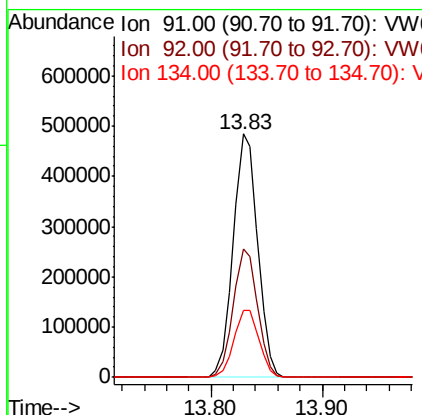
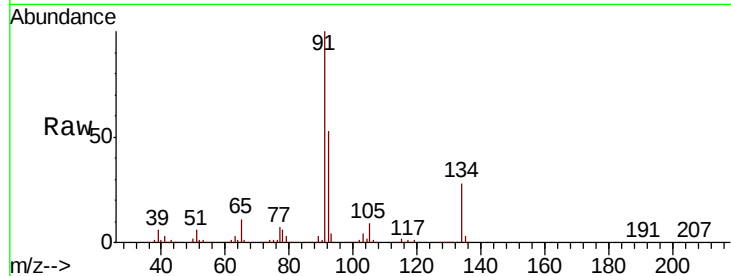
#89
n-Butylbenzene
Concen: 53.118 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

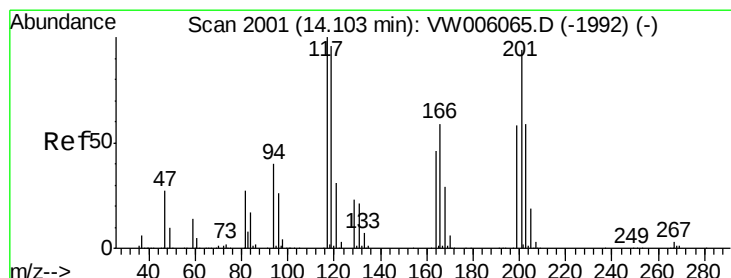
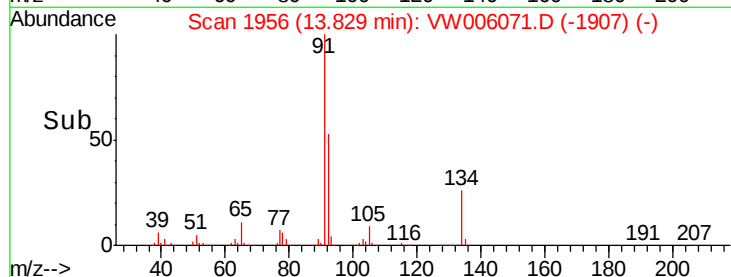
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	28.3	14.0	41.9

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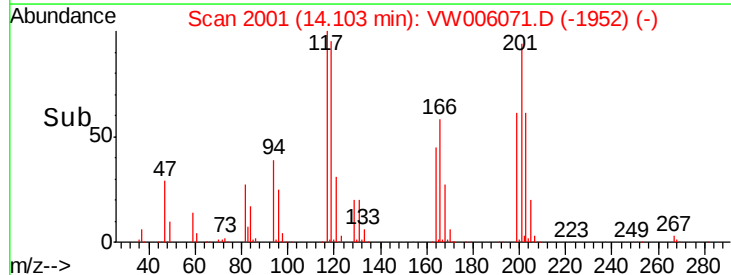
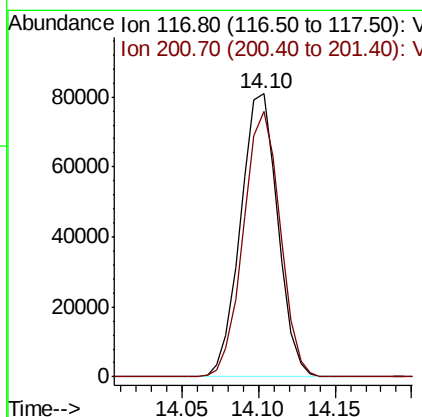
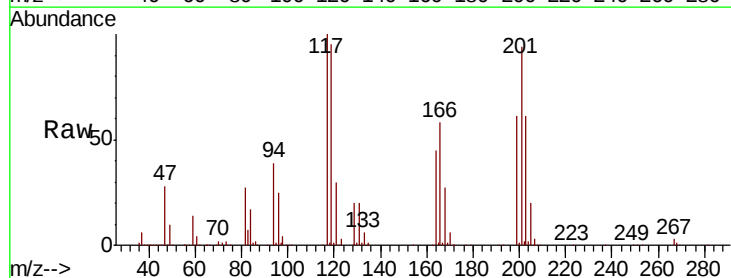


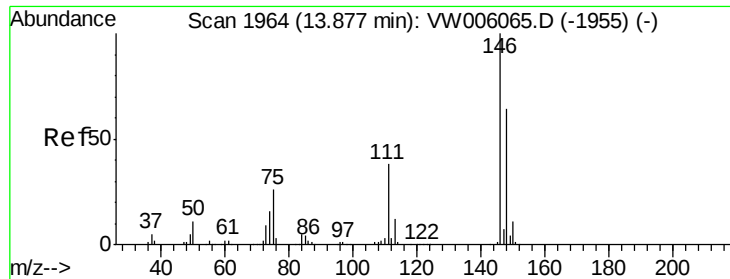
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#90
Hexachloroethane
Concen: 53.542 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.6	45.3	135.9





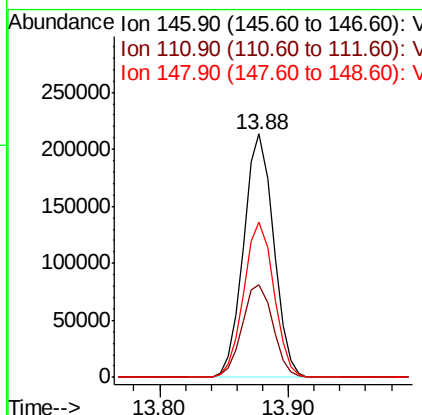
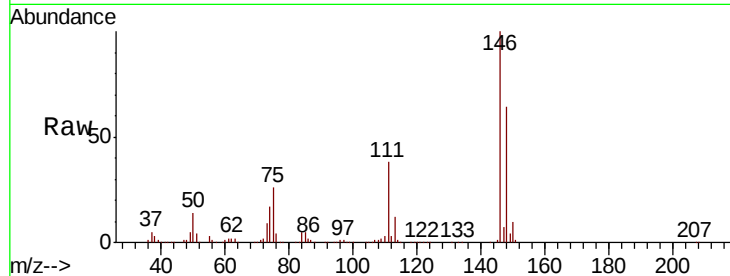
#91
 1,2-Dichlorobenzene
 Concen: 50.325 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006071.D
 Acq: 16 Oct 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

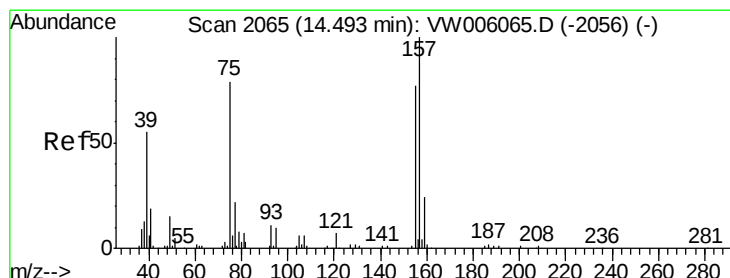
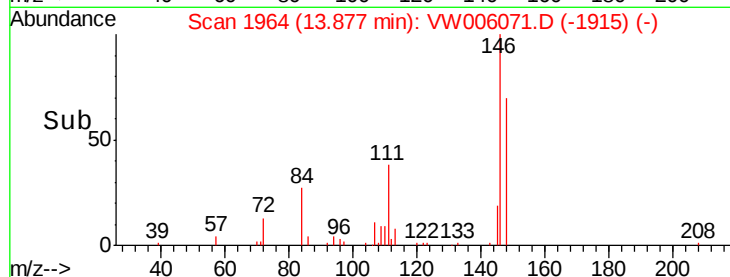
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	64.2	32.2	96.6

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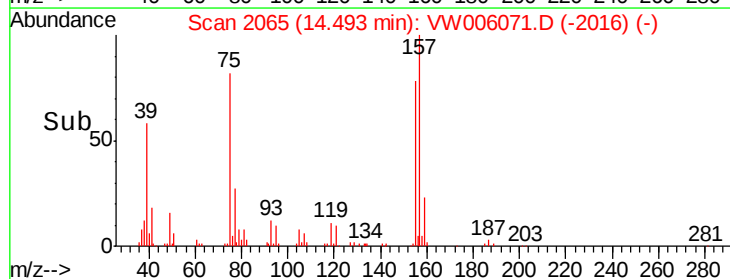
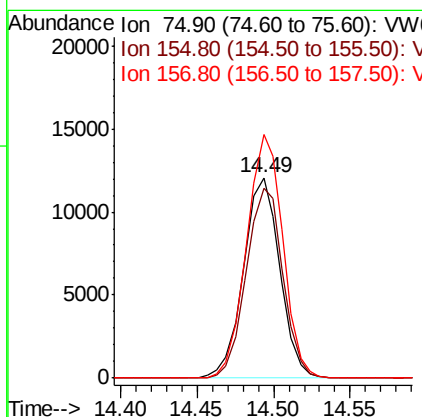
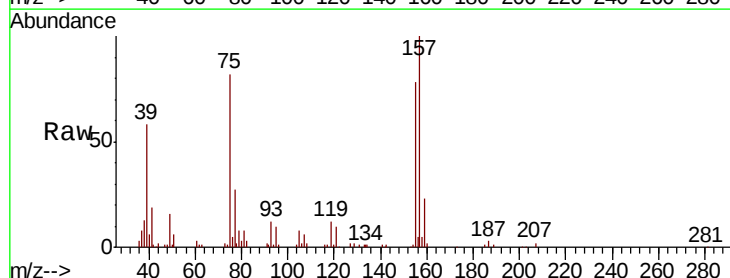


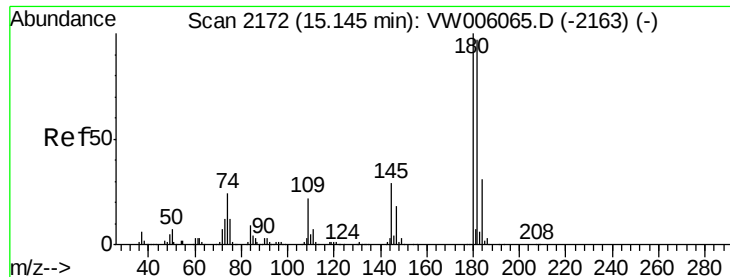
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.728 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006071.D
 Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	46.5	139.5
157	120.8	59.8	179.4





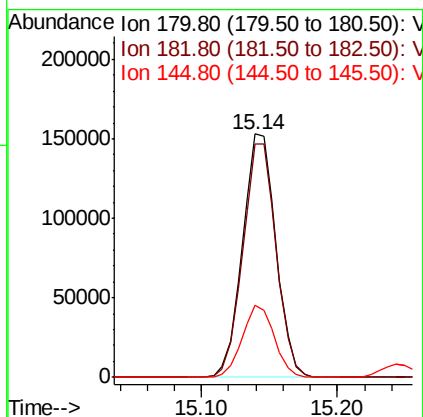
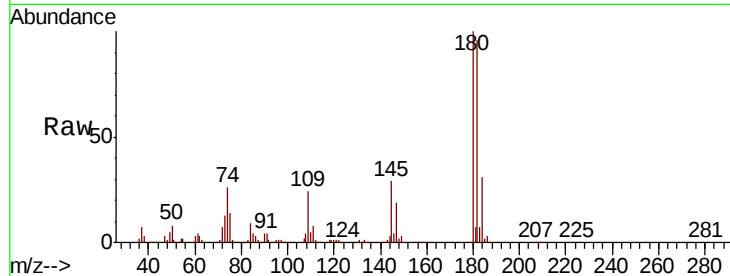
#93
1,2,4-Trichlorobenzene
Concen: 49.956 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.01 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

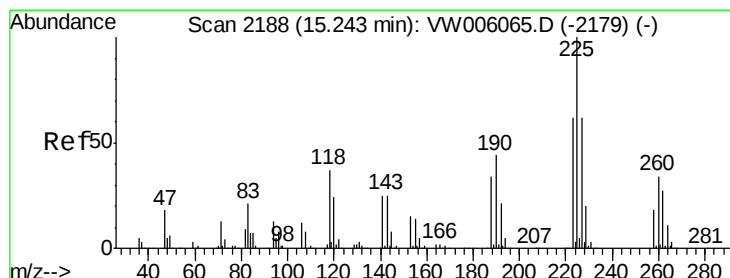
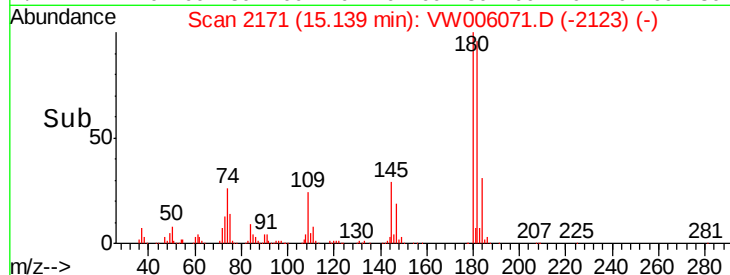
Tot Ion	Ratio	Resp	Lower	Upper
180	100	261931		
182	96.0	47.9	143.6	
145	28.6	14.2	42.8	

Manual Integrations
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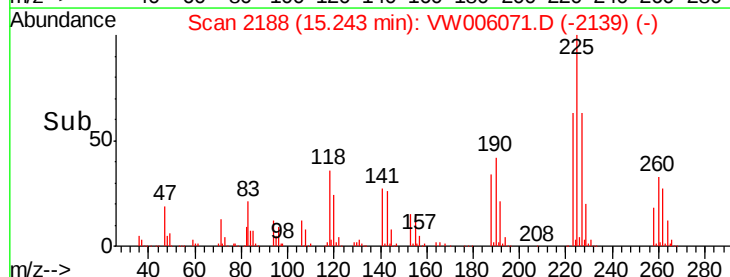
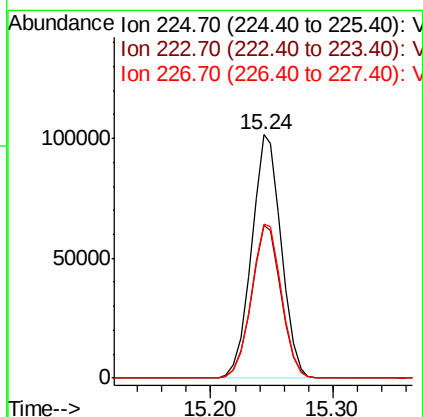
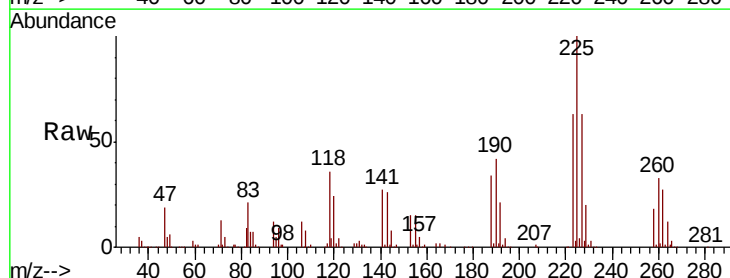


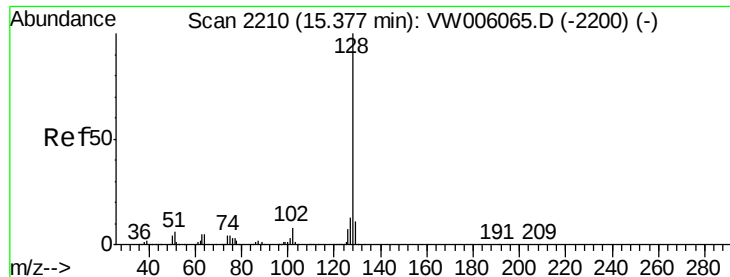
apatel
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#94
Hexachlorobutadiene
Concen: 51.888 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	170905		
223	62.7	31.1	93.5	
227	64.0	32.4	97.0	





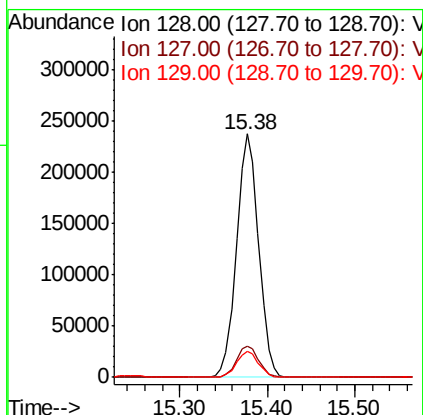
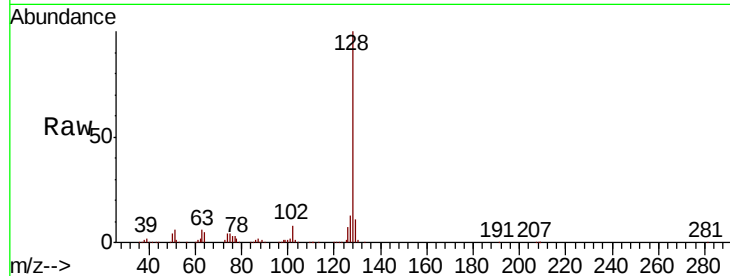
#95
Naphthalene
Concen: 47.609 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

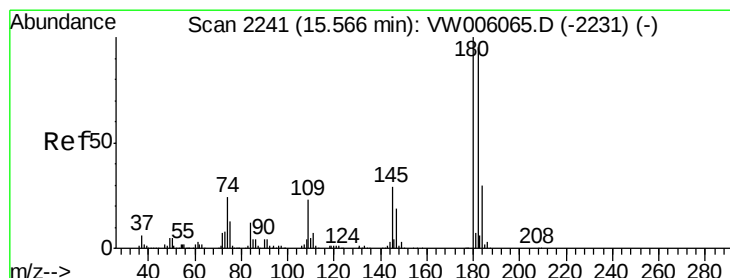
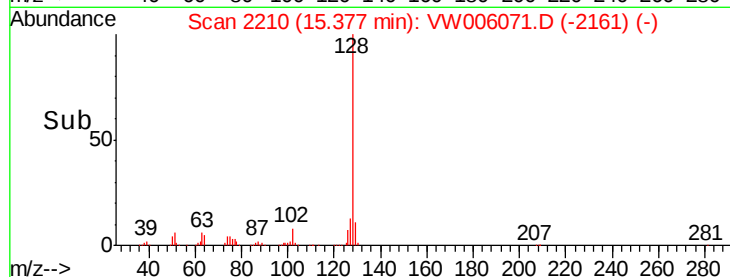
Tot Ion	Ratio	Resp	Lower	Upper
128	100	415257		
127	12.9	10.3	15.5	
129	10.9	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.301 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006071.D
Acq: 16 Oct 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	223588		
182	95.2	47.8	143.3	
145	30.0	15.0	45.1	

