

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101918\
 Data File : VW006222.D
 Acq On : 19 Oct 2018 13:39
 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
 10/22/2018 12:17:36 PM

Quant Time: Oct 20 01:33:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	375505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102324	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	7.88	113	108432	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.33	98	416086	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.62	95	157183	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	70769	53.110	ug/l	97
3) Chloromethane	2.21	50	80460	46.909	ug/l	99
4) Vinyl Chloride	2.37	62	127113	51.893	ug/l	99
5) Bromomethane	2.79	94	105870	47.519	ug/l	98
6) Chloroethane	2.93	64	91224	51.967	ug/l	95
7) Trichlorofluoromethane	3.26	101	119030	52.163	ug/l	99
8) Diethyl Ether	3.68	74	54435	44.886	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	129786	54.272	ug/l	100
10) Methyl Iodide	4.27	142	209239	52.569	ug/l	100
11) Tert butyl alcohol	5.23	59	29545	196.785	ug/l	100
12) 1,1-Dichloroethene	4.03	96	120417	53.522	ug/l	92
13) Acrolein	3.90	56	31931	219.791	ug/l	94
14) Allyl chloride	4.67	41	160807	49.988	ug/l	99
15) Acrylonitrile	5.38	53	102091	234.703	ug/l	99
16) Acetone	4.15	43	107371	256.771	ug/l	99
17) Carbon Disulfide	4.37	76	332757	49.006	ug/l	99
18) Methyl Acetate	4.68	43	50141	44.632	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	166564	48.607	ug/l	97
20) Methylene Chloride	4.92	84	125395	53.190	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	132411	52.727	ug/l	98
22) Diisopropyl ether	6.32	45	322899	50.793	ug/l	99
23) Vinyl Acetate	6.26	43	890527	237.368	ug/l	100
24) 1,1-Dichloroethane	6.22	63	216146	52.693	ug/l	98
25) 2-Butanone	7.18	43	141404	234.470	ug/l	99
26) 2,2-Dichloropropane	7.17	77	145841	50.410	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	145276	52.422	ug/l	100
28) Bromochloromethane	7.51	49	84337	53.256	ug/l	97
29) Tetrahydrofuran	7.54	42	82545	222.674	ug/l	99
30) Chloroform	7.68	83	234987	52.580	ug/l	100
31) Cyclohexane	7.96	56	204984	50.180	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	211385	52.434	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190360	55.000	ug/l	99
37) Ethyl Acetate	7.26	43	60872	47.337	ug/l	99
38) Carbon Tetrachloride	8.07	117	202162	53.282	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	256586	55.770	ug/l	99
40) Benzene	8.33	78	516108	54.361	ug/l	99
41) Methacrylonitrile	7.49	41	34223	44.147	ug/l	90
42) 1,2-Dichloroethane	8.40	62	145113	52.024	ug/l	100
43) Isopropyl Acetate	8.43	43	120626	45.878	ug/l	99
44) Trichloroethene	9.09	130	159404	54.726	ug/l	100
45) 1,2-Dichloropropane	9.37	63	119092	52.420	ug/l	98
46) Dibromomethane	9.46	93	66288	51.193	ug/l	99
47) Bromodichloromethane	9.65	83	161135	51.328	ug/l	97
48) Methyl methacrylate	9.44	41	59759	47.949	ug/l	98
49) 1,4-Dioxane	9.48	88	20002	1003.418	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	309506	234.943	ug/l	99
52) Toluene	10.39	92	345195	54.233	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	155777	49.804	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	184451	51.383	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	92480	51.037	ug/l	97
56) Ethyl methacrylate	10.65	69	110167	49.594	ug/l	96
57) 1,3-Dichloropropane	10.94	76	155336	51.786	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	197846	233.086	ug/l	100
59) 2-Hexanone	10.98	43	226009	240.337	ug/l	98
60) Dibromochloromethane	11.13	129	112170	49.698	ug/l	100
61) 1,2-Dibromoethane	11.24	107	92498	51.089	ug/l	100
64) Tetrachloroethene	10.87	164	143486	53.983	ug/l	98
65) Chlorobenzene	11.66	112	395709	53.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	137523	52.796	ug/l	99
67) Ethyl Benzene	11.74	91	697818	54.936	ug/l	100
68) m/p-Xylenes	11.85	106	552880	110.122	ug/l	100
69) o-Xylene	12.17	106	261887	54.733	ug/l	100
70) Styrene	12.19	104	424432	54.549	ug/l	99
71) Bromoform	12.35	173	66674	45.891	ug/l #	99
73) Isopropylbenzene	12.47	105	753406	55.321	ug/l	100
74) N-amyl acetate	12.28	43	123330	46.625	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	102566	49.516	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69064m	46.905	ug/l	
77) Bromobenzene	12.76	156	177690	53.269	ug/l	98
78) n-propylbenzene	12.81	91	874262	55.178	ug/l	100
79) 2-Chlorotoluene	12.90	91	488630	54.888	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	626498	54.568	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	26355	42.786	ug/l	92
82) 4-Chlorotoluene	12.99	91	504979	54.150	ug/l	99
83) tert-Butylbenzene	13.21	119	565934	55.094	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	636739	54.807	ug/l	99
85) sec-Butylbenzene	13.39	105	810812	55.873	ug/l	100
86) p-Isopropyltoluene	13.51	119	733496	55.882	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	360282	54.271	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	353309	53.452	ug/l	99
89) n-Butylbenzene	13.83	91	677768	56.461	ug/l	99
90) Hexachloroethane	14.10	117	113658	51.121	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	314707	53.145	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16611	44.790	ug/l	99

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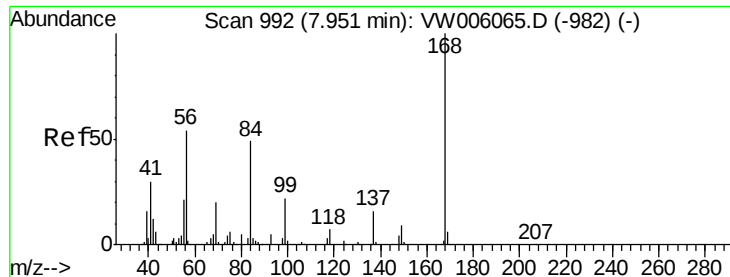
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	242663	53.258	ug/l	99
94) Hexachlorobutadiene	15.25	225	158507	55.378	ug/l	99
95) Naphthalene	15.38	128	376865	49.721	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	205769	52.212	ug/l	99

(#) = 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: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 269270

Ion Ratio Lower Upper

168 100

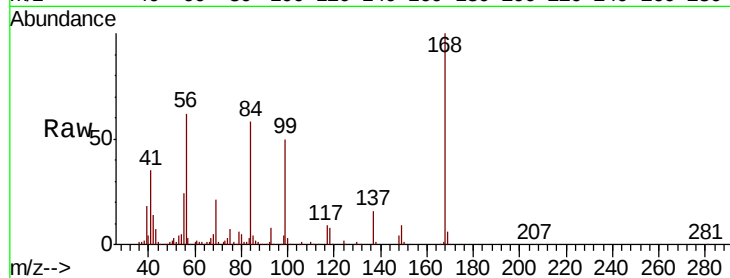
99 49.8 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

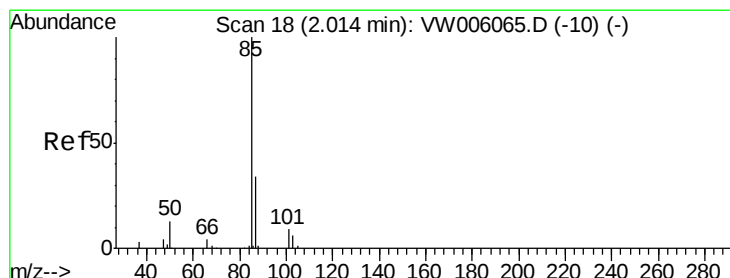
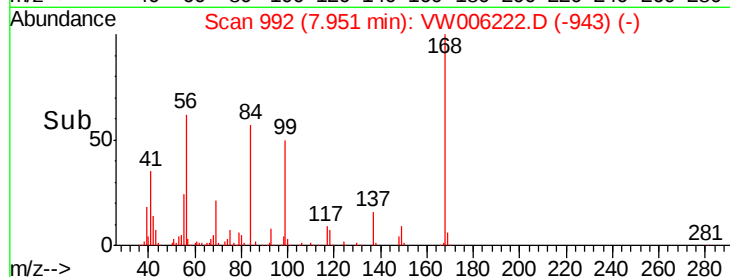
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.110 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006222.D

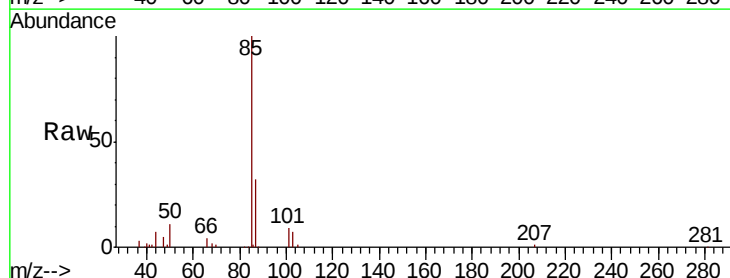
Acq: 19 Oct 2018 13:39

Tgt Ion: 85 Resp: 70769

Ion Ratio Lower Upper

85 100

87 31.8 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

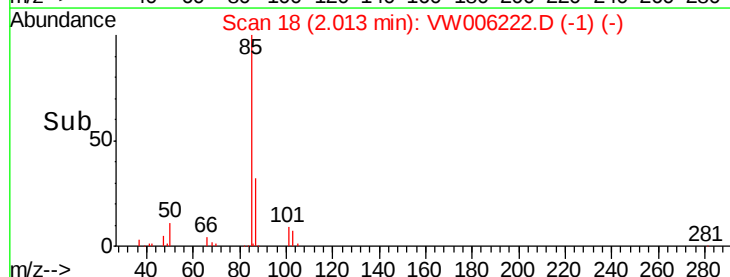
15000

10000

5000

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Time-->





#3

Chloromethane

Concen: 46.909 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 80460

Ion Ratio Lower Upper

50 100

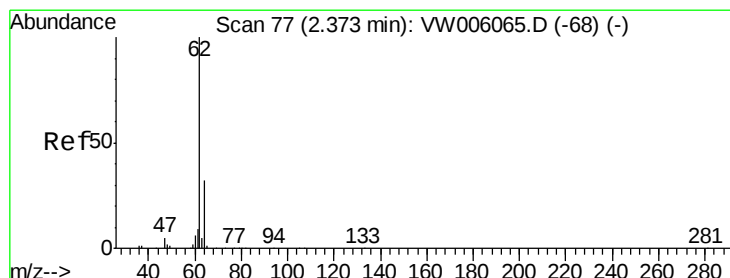
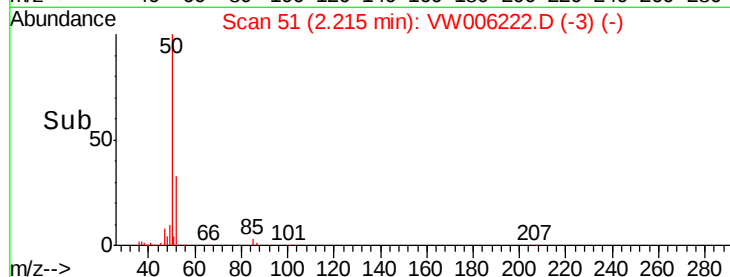
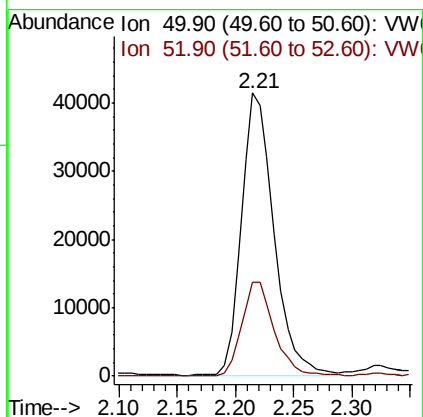
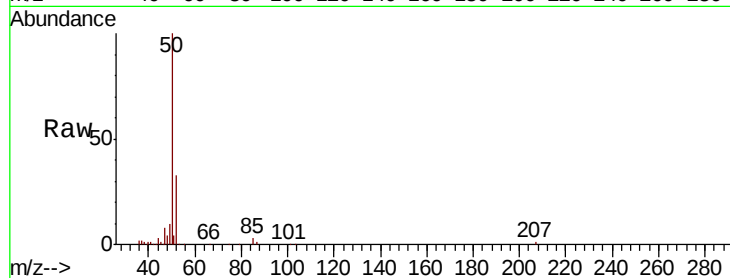
52 33.1 26.8 40.2

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#4

Vinyl Chloride

Concen: 51.893 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006222.D

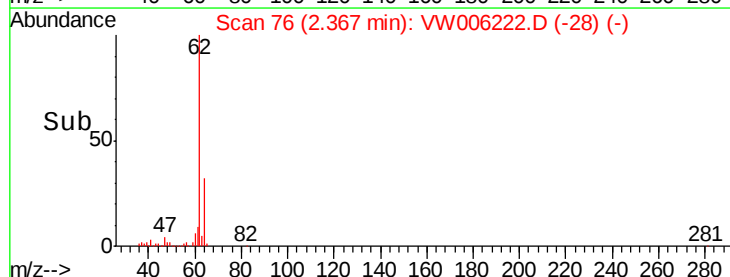
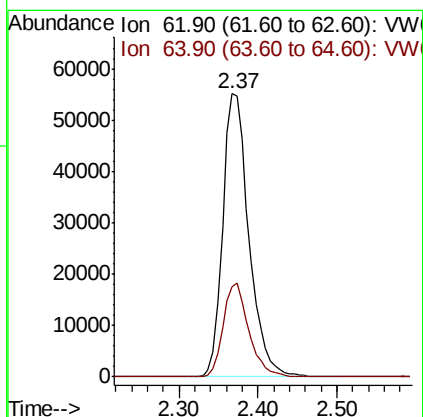
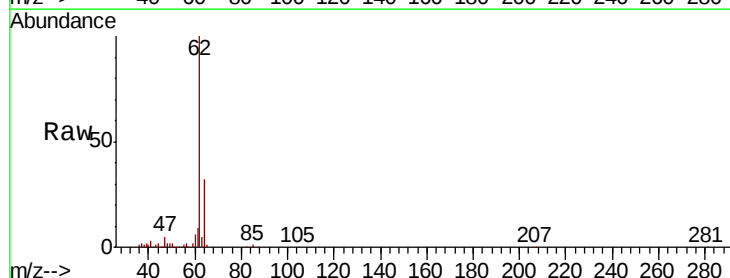
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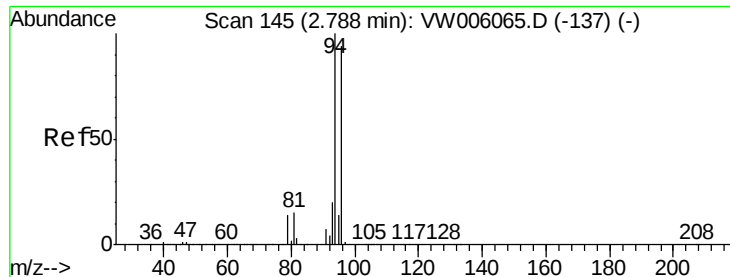
Tgt Ion: 62 Resp: 127113

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 47.519 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 105870

Ion Ratio Lower Upper

94 100

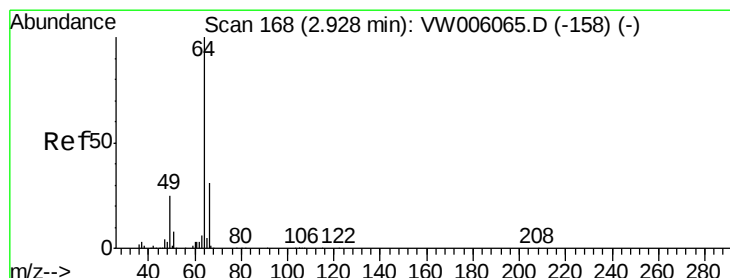
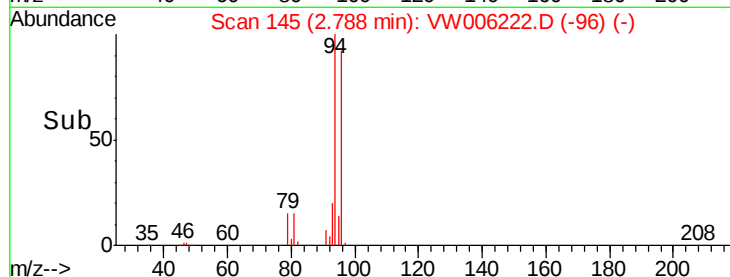
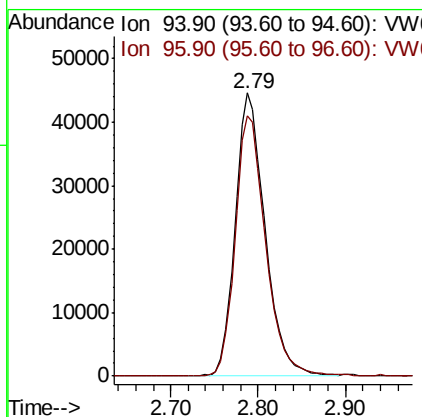
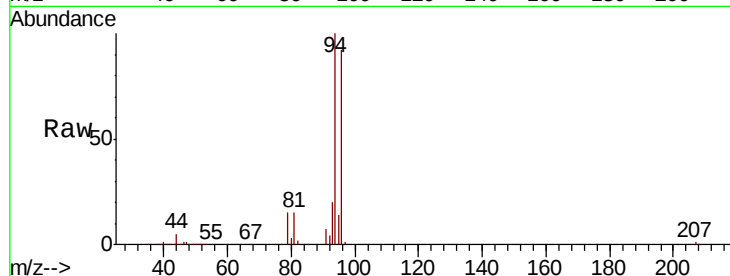
96 91.9 74.9 112.3

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#6

Chloroethane

Concen: 51.967 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006222.D

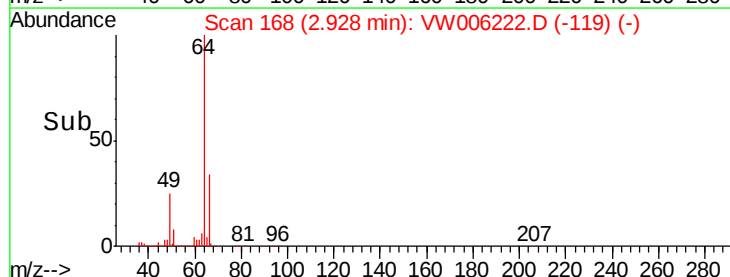
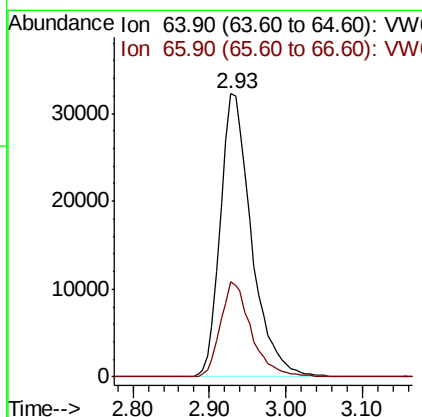
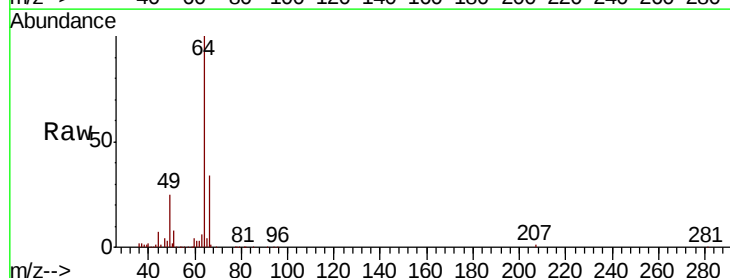
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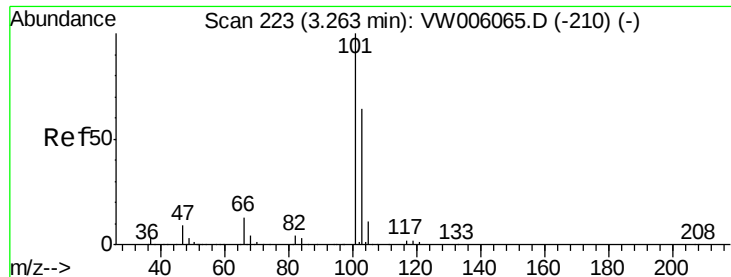
Tgt Ion: 64 Resp: 91224

Ion Ratio Lower Upper

64 100

66 33.6 24.9 37.3





#7

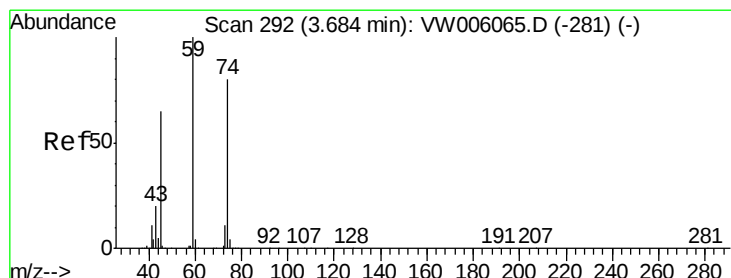
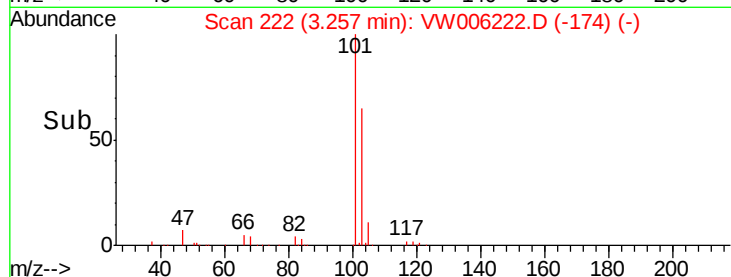
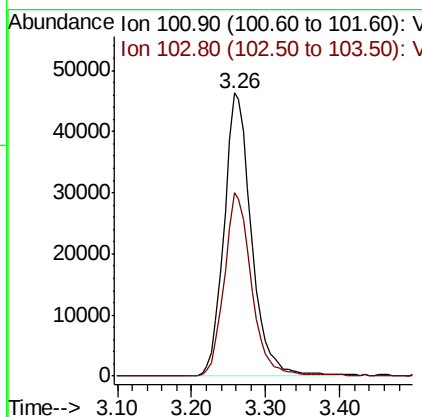
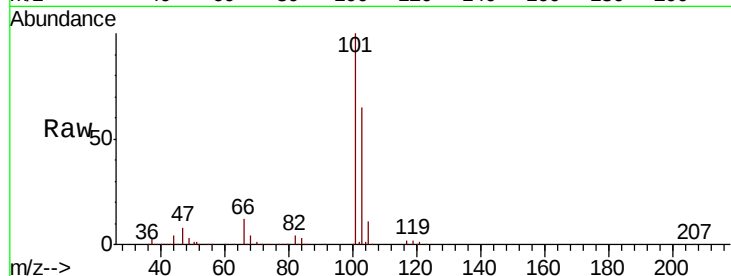
Trichlorofluoromethane
Concen: 52.163 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006222.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	119030		
103	65.0	51.2	76.8	

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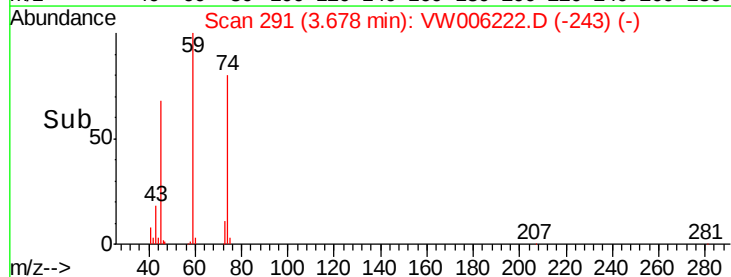
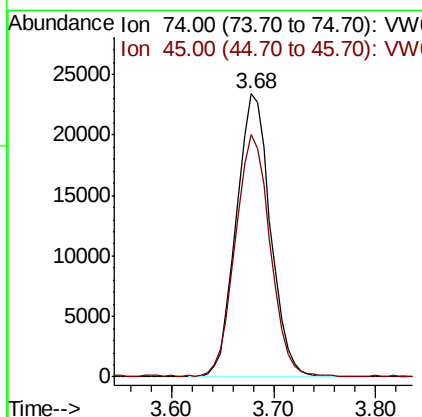
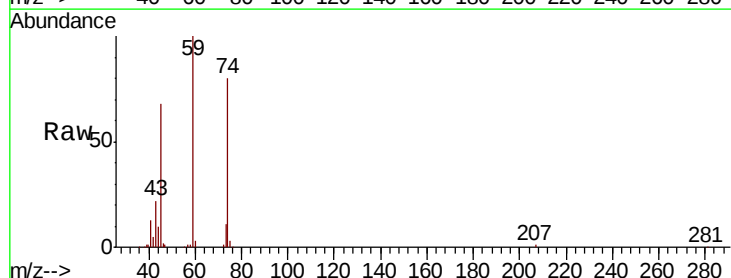
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#8

Diethyl Ether
Concen: 44.886 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	54435		
45	87.4	42.8	128.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.272 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

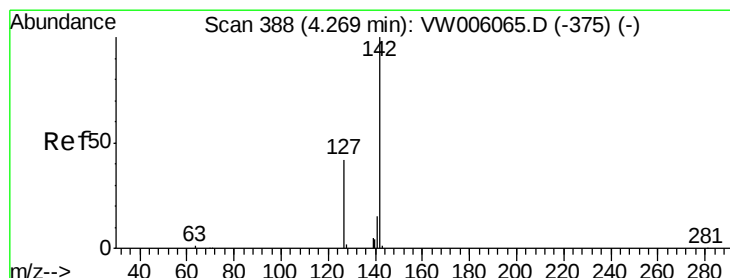
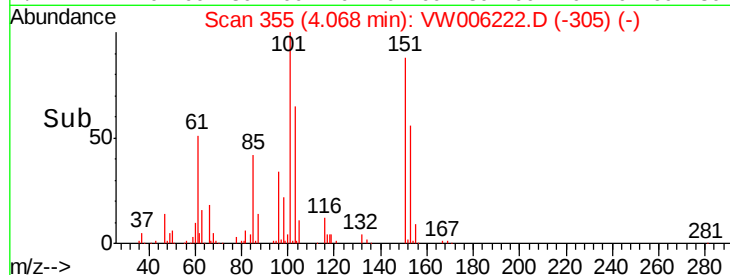
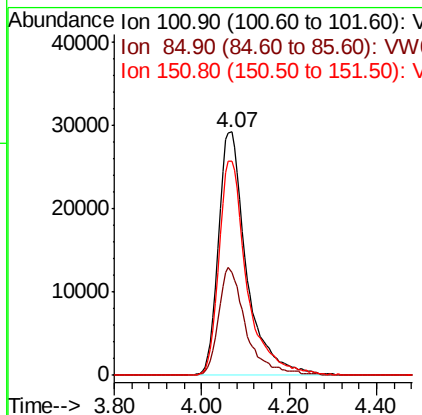
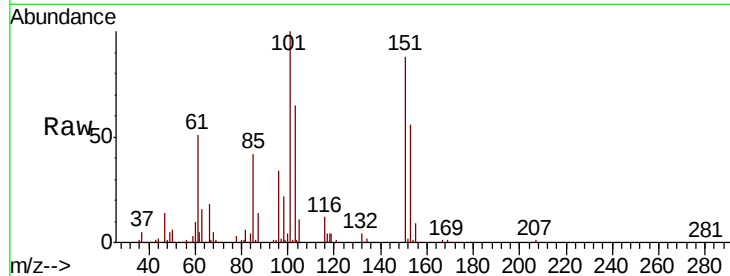
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	129786
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.9	52.3
151	87.7	70.4	105.6

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#10

Methyl Iodide

Concen: 52.569 ug/l

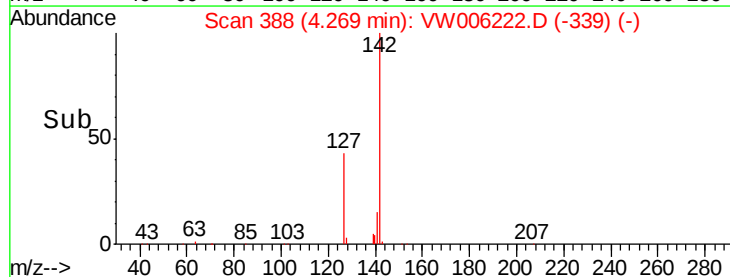
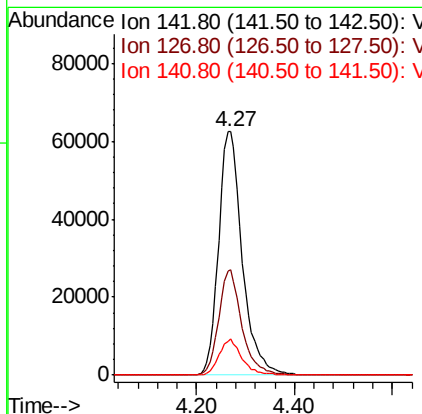
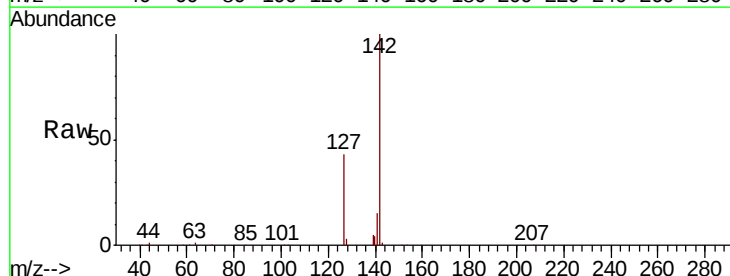
RT: 4.27 min Scan# 388

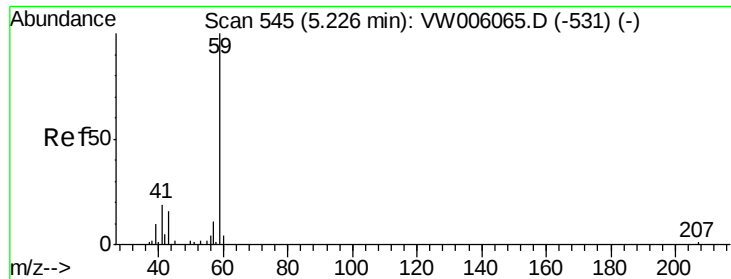
Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion:	142	Resp:	209239
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.6	50.4
141	14.1	11.6	17.4





#11

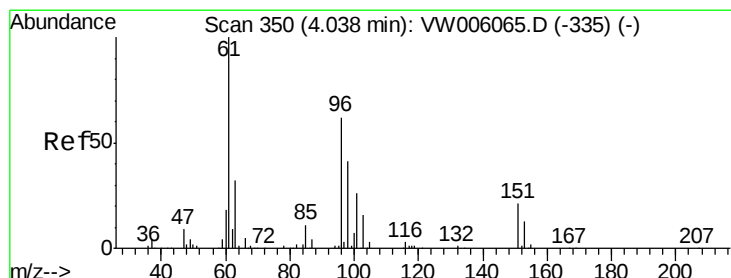
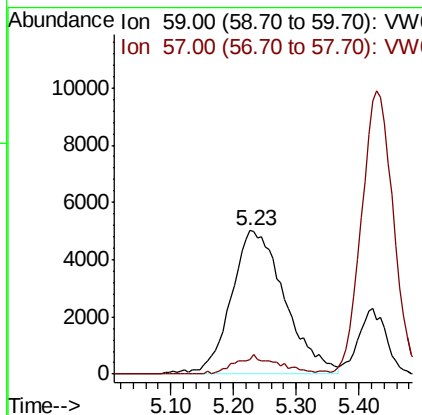
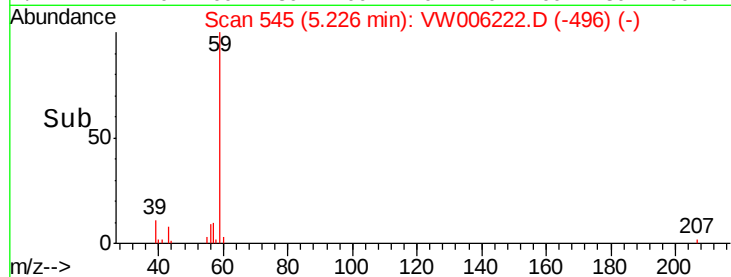
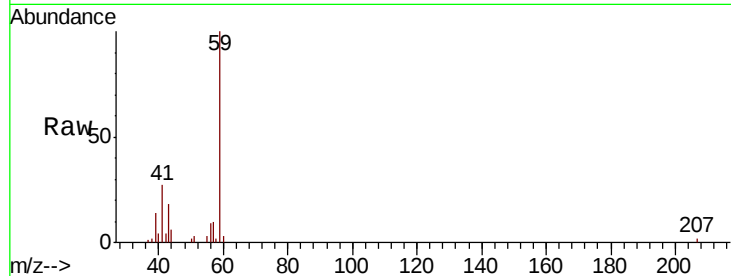
Tert butyl alcohol
Concen: 196.785 ug/l
RT: 5.23 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.7	13.1

Manual Integrations
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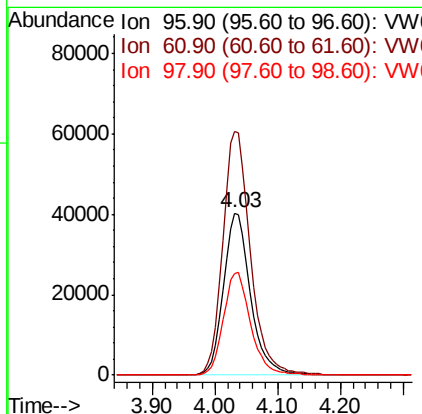
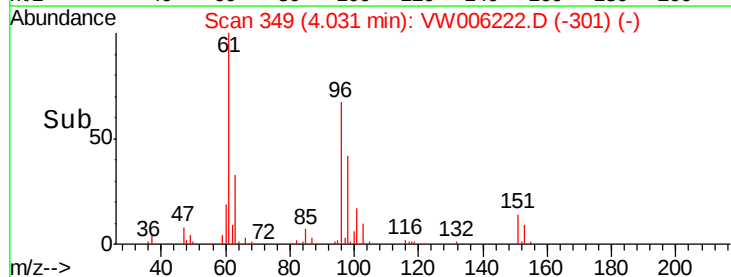
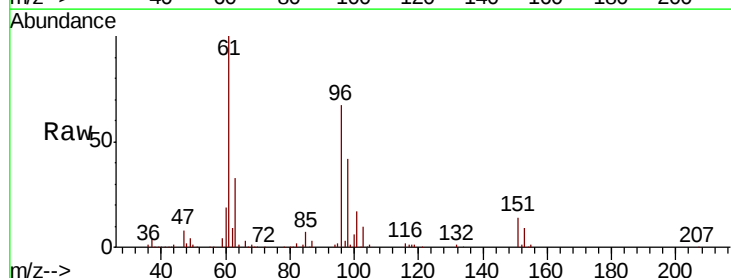
apatel
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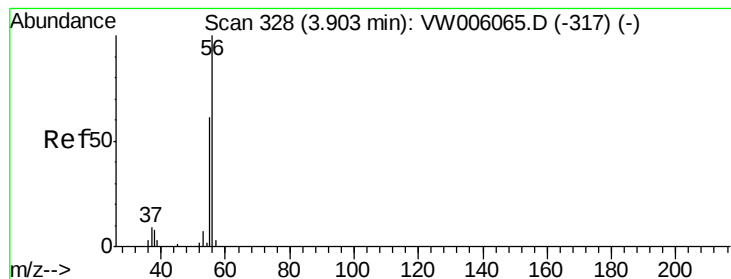


#12

1,1-Dichloroethene
Concen: 53.522 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.1	129.3	193.9
98	62.5	53.1	79.7





#13

Acrolein

Concen: 219.791 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 31931

Ion Ratio Lower Upper

56 100

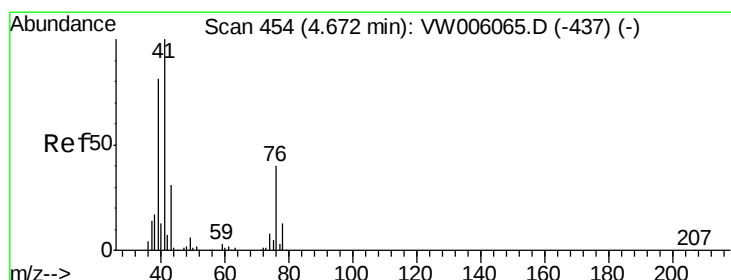
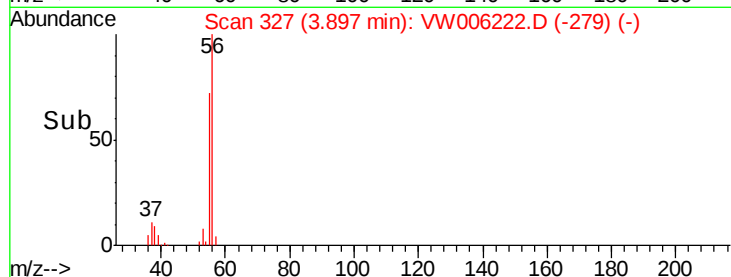
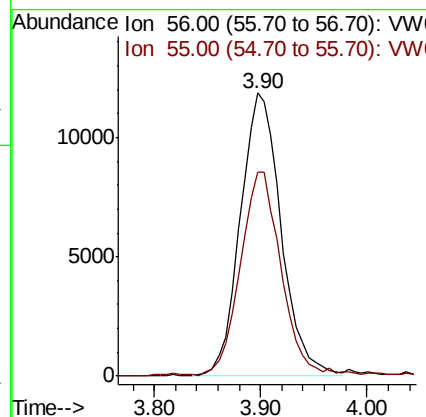
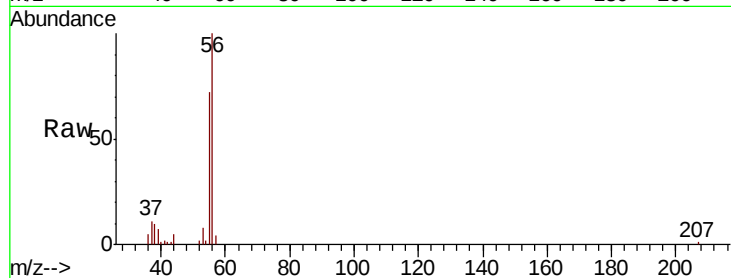
55 72.6 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 49.988 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

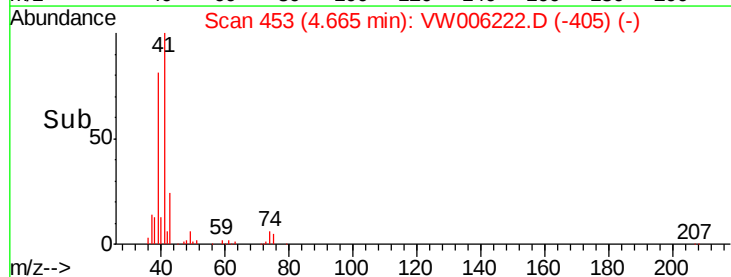
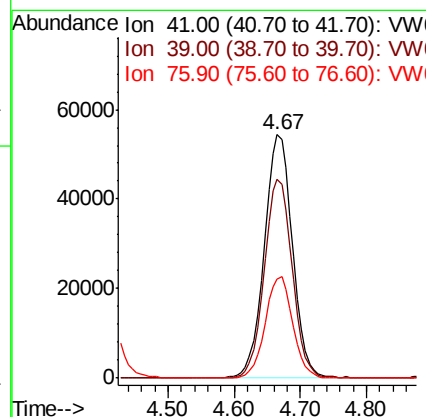
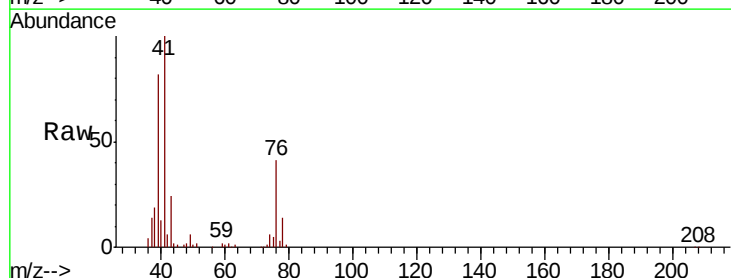
Tgt Ion: 41 Resp: 160807

Ion Ratio Lower Upper

41 100

39 81.0 64.1 96.1

76 40.6 32.2 48.4





#15

Acrylonitrile

Concen: 234.703 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

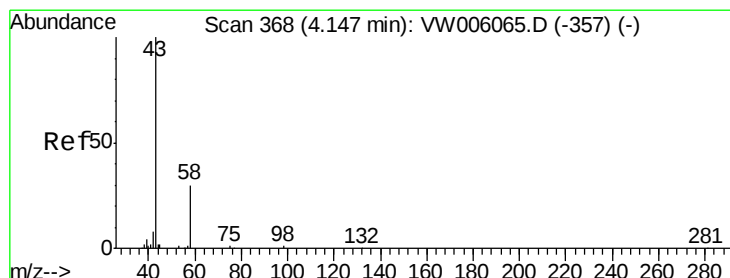
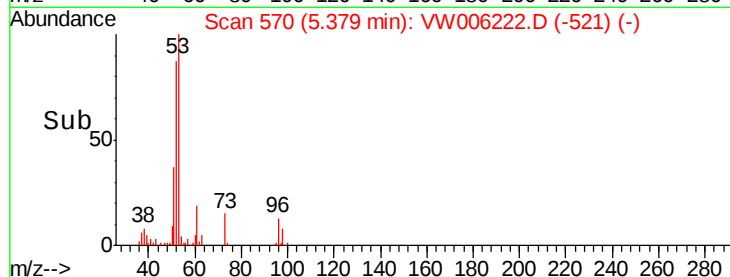
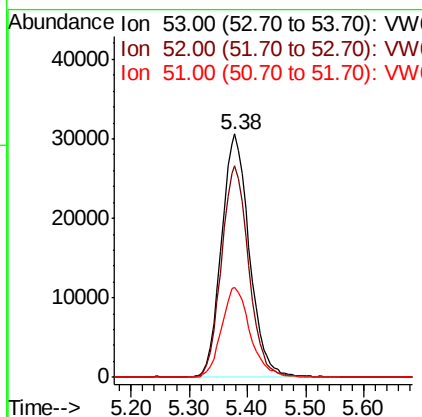
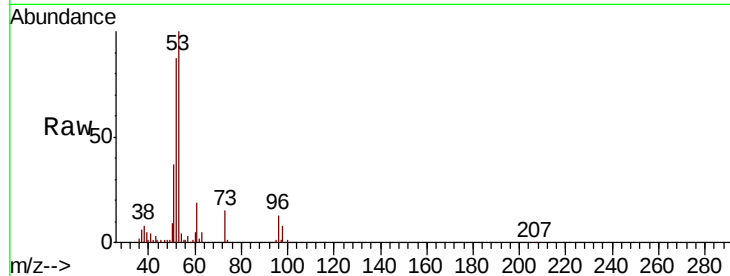
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	102091
Ion Ratio		Lower	Upper
53	100		
52	84.6	66.9	100.3
51	37.8	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 256.771 ug/l

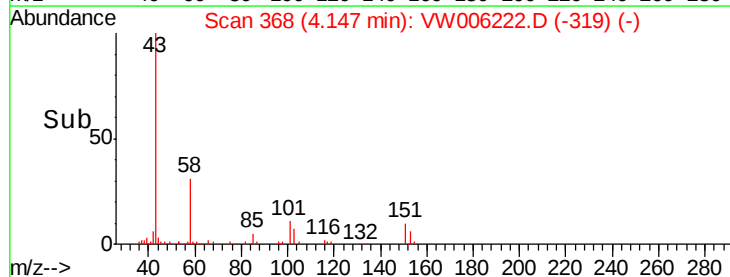
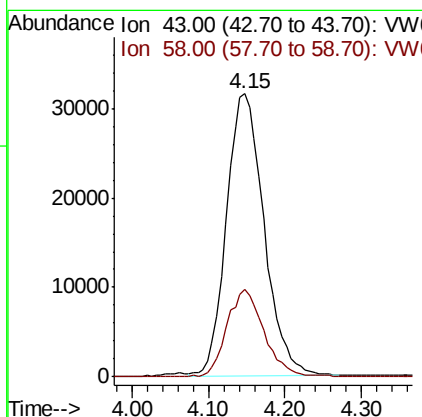
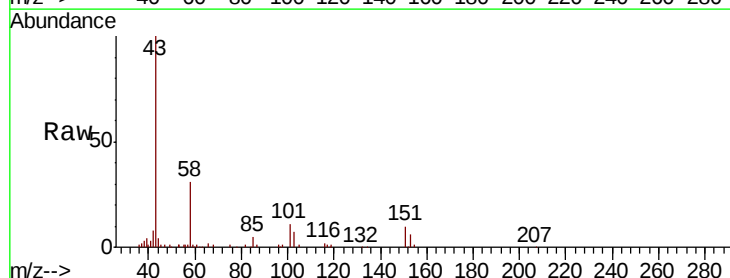
RT: 4.15 min Scan# 368

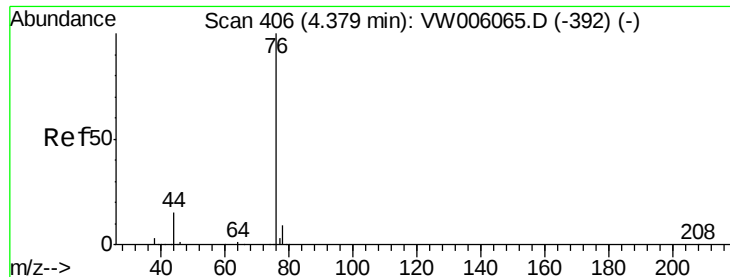
Delta R.T. 0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion:	43	Resp:	107371
Ion Ratio		Lower	Upper
43	100		
58	30.8	24.0	36.0





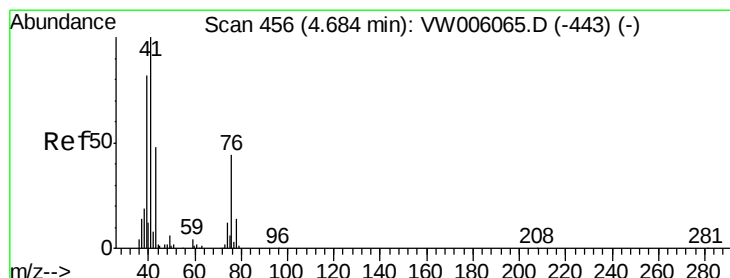
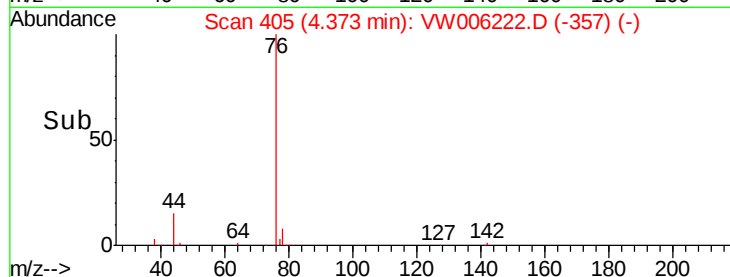
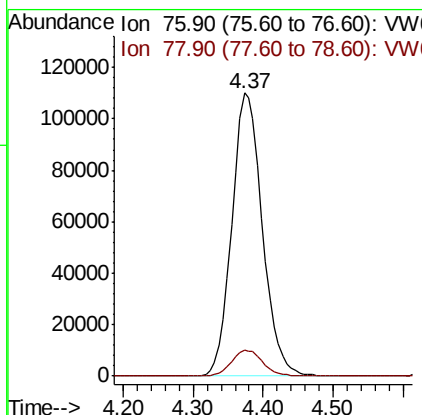
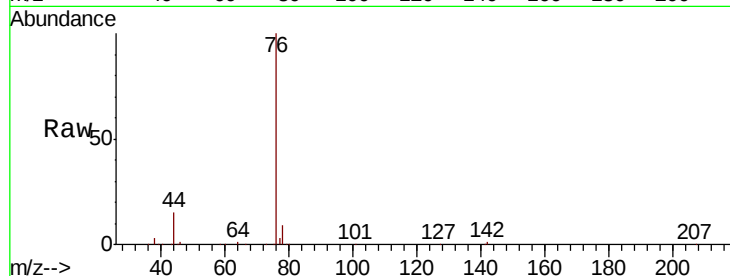
#17
Carbon Disulfide
Concen: 49.006 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

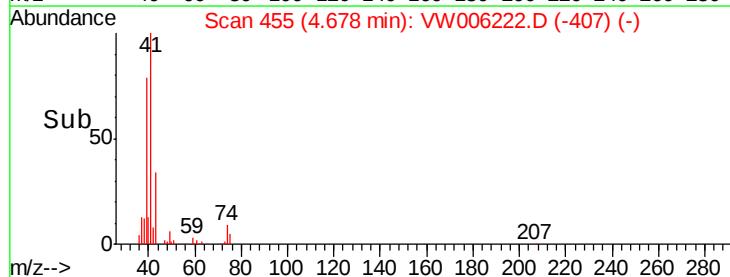
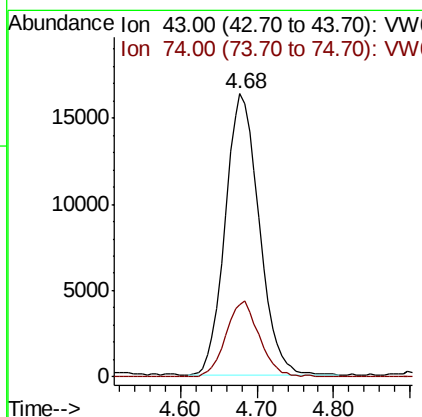
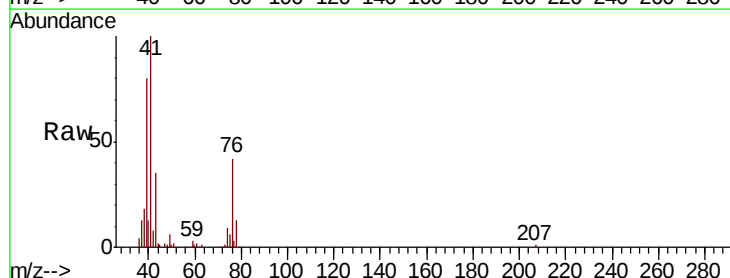
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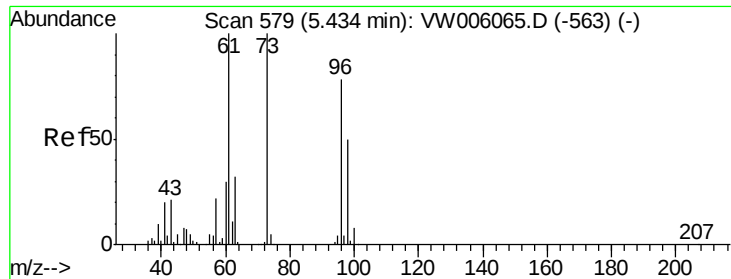
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#18
Methyl Acetate
Concen: 44.632 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.5	30.7





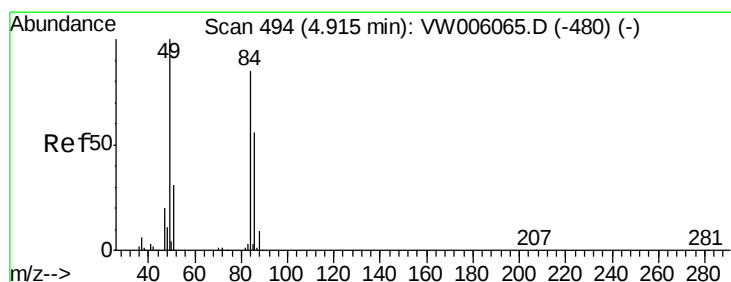
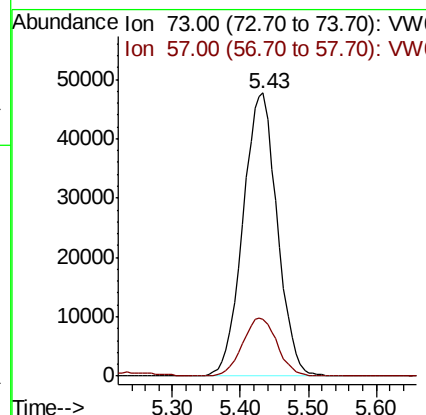
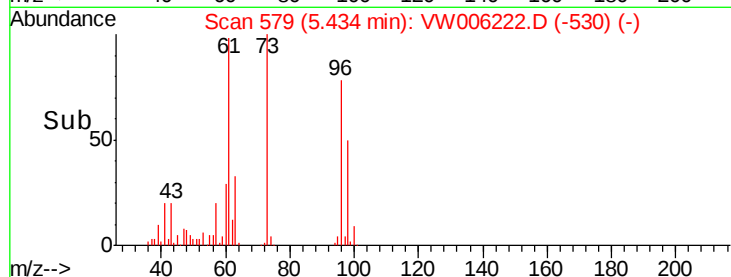
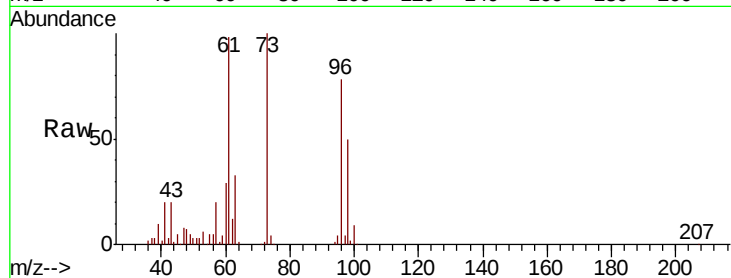
#19
Methyl tert-butyl Ether
Concen: 48.607 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.4	26.2

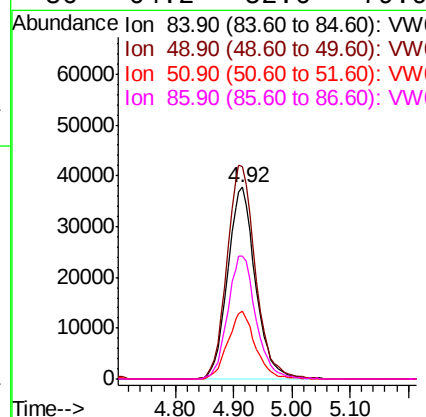
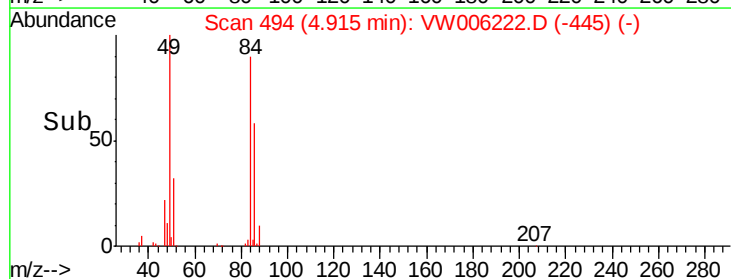
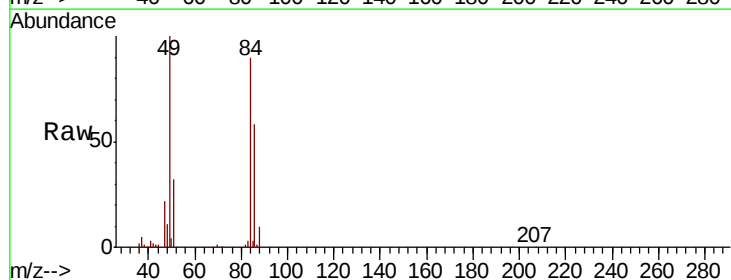
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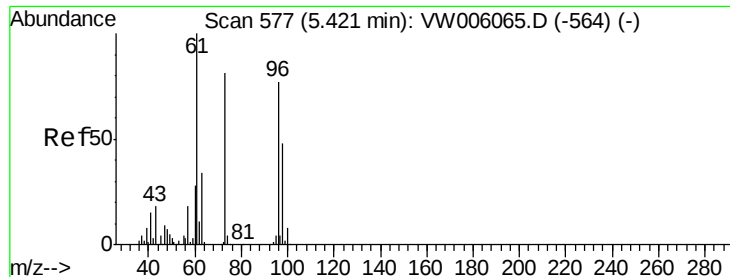
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#20
Methylene Chloride
Concen: 53.190 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.3	93.6	140.4
51	35.3	29.0	43.4
86	64.2	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 52.727 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 132411

Ion Ratio Lower Upper

96 100

61 128.7 104.5 156.7

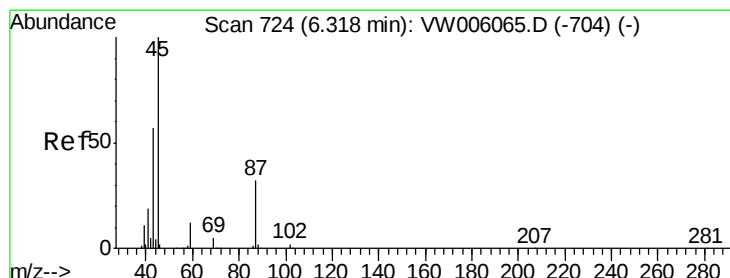
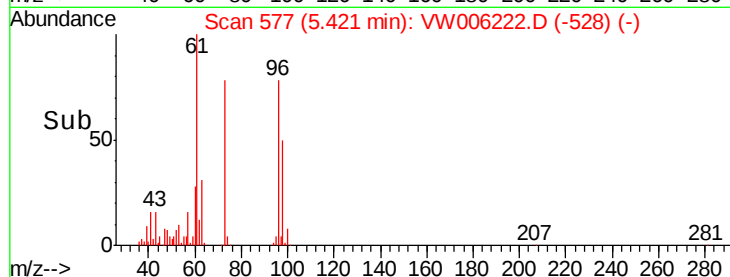
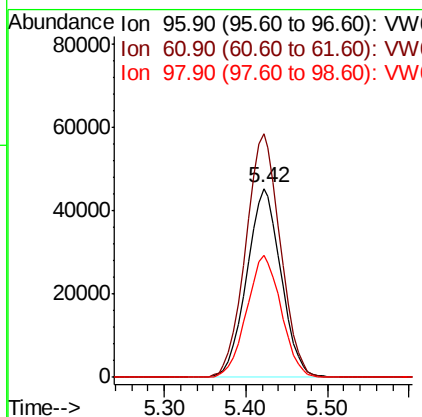
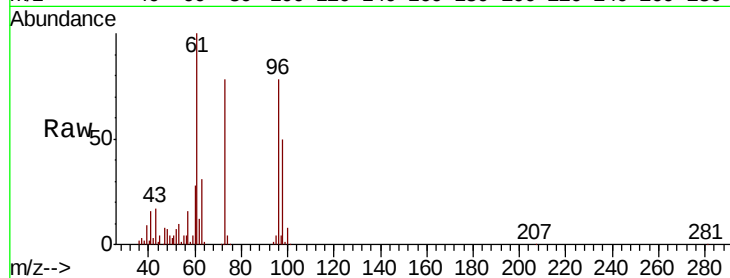
98 64.5 50.6 75.8

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#22

Diisopropyl ether

Concen: 50.793 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion: 45 Resp: 322899

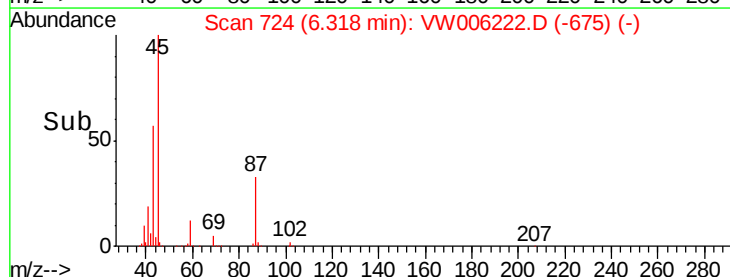
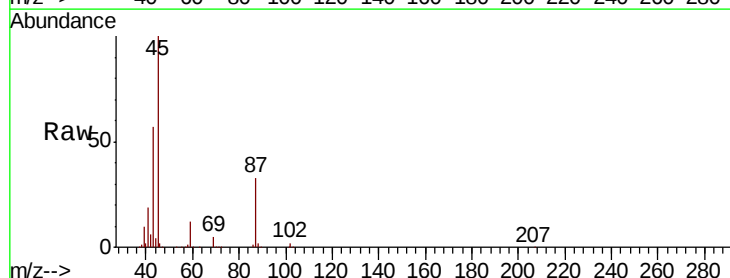
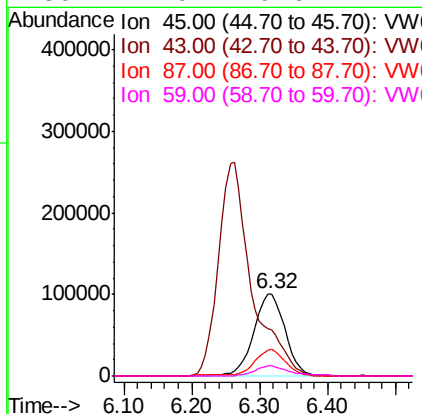
Ion Ratio Lower Upper

45 100

43 56.2 45.7 68.5

87 32.5 25.9 38.9

59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 237.368 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 890527

Ion Ratio Lower Upper

43 100

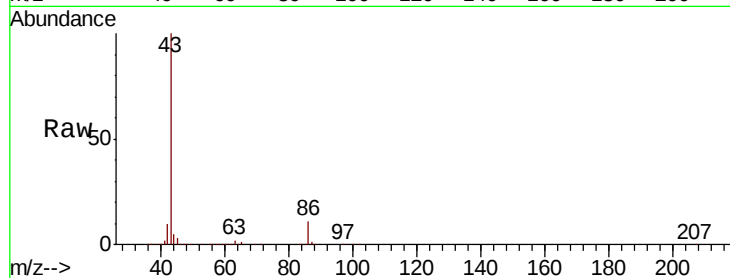
86 11.5 9.0 13.6

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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

250000

200000

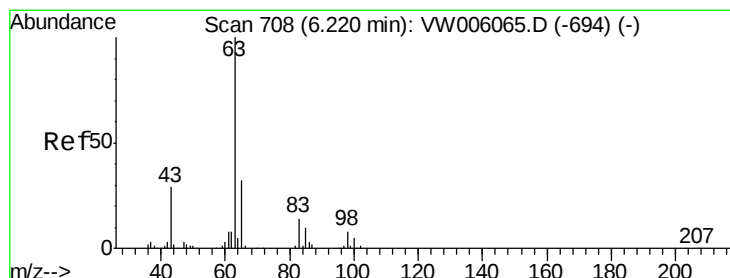
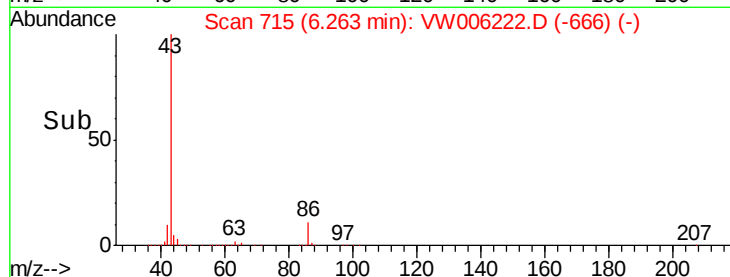
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.693 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

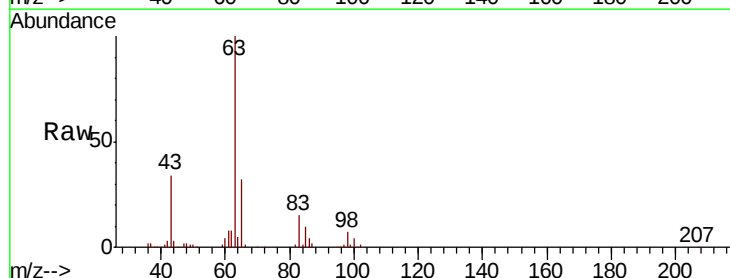
Tgt Ion: 63 Resp: 216146

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

100 4.0 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

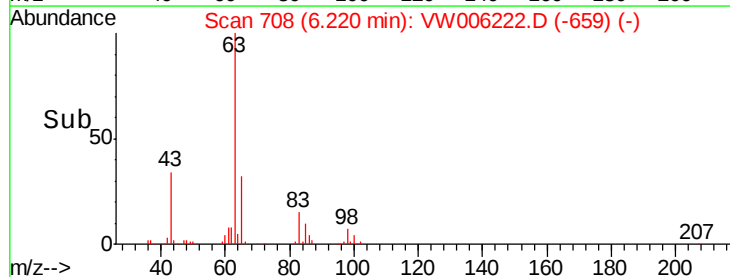
60000

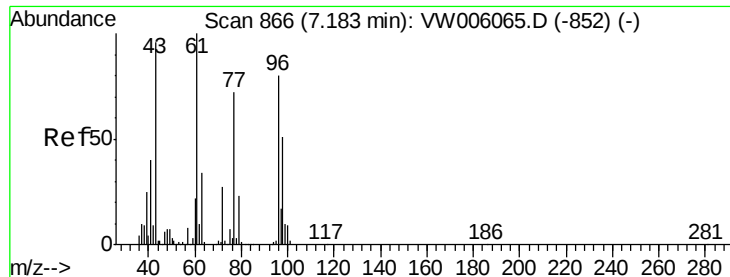
40000

20000

0

Time-->





#25

2-Butanone

Concen: 234.470 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 141404

Ion Ratio Lower Upper

43 100

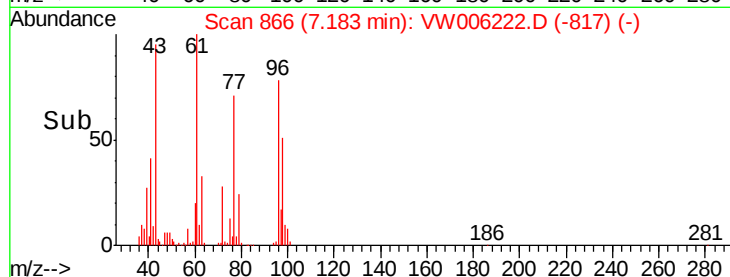
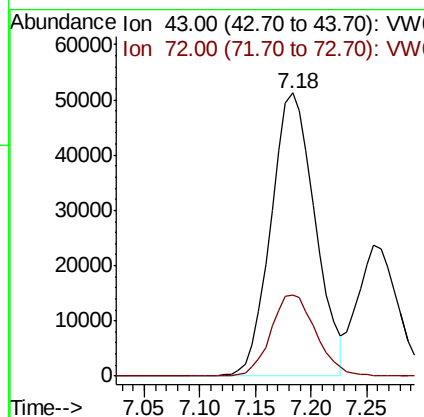
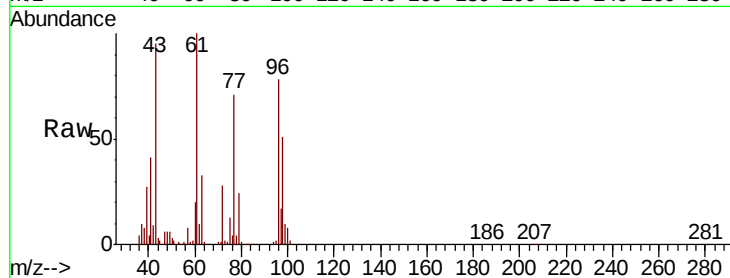
72 28.8 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.410 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006222.D

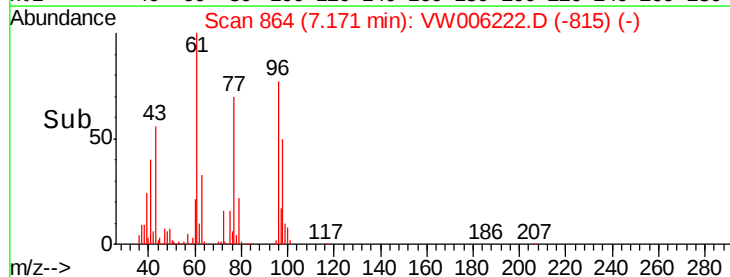
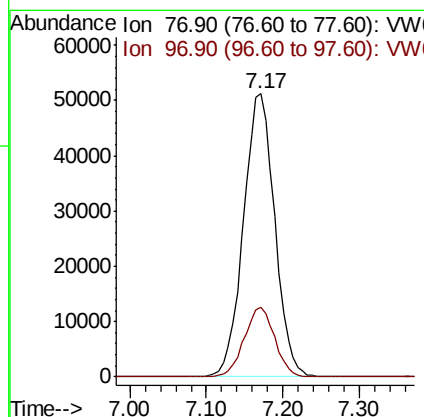
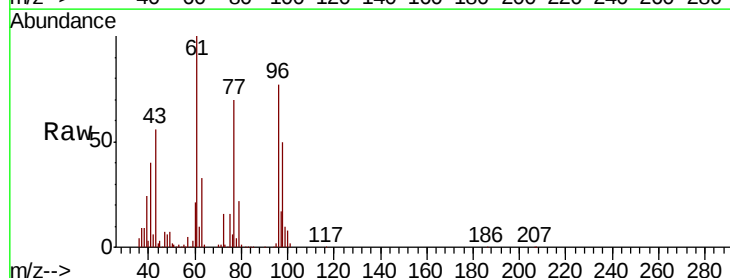
Acq: 19 Oct 2018 13:39

Tgt Ion: 77 Resp: 145841

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.4





#27

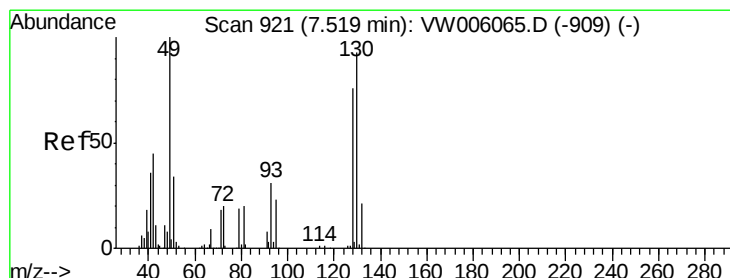
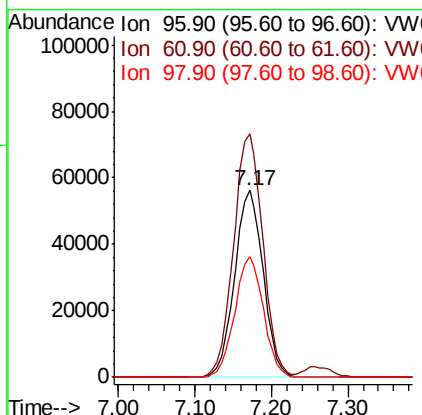
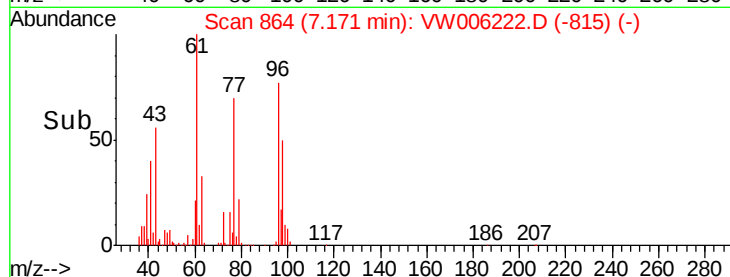
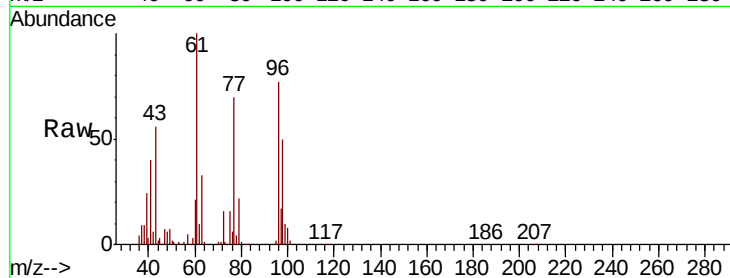
cis-1,2-Dichloroethene
 Concen: 52.422 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	133.4	0.0	267.2	
98	64.7	0.0	128.6	

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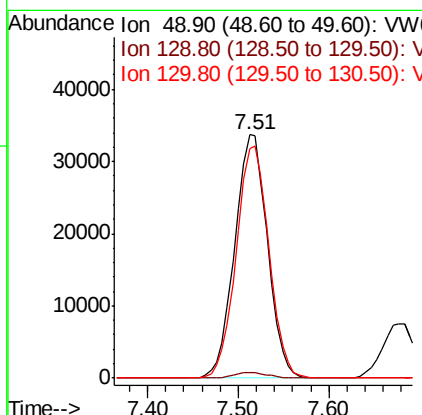
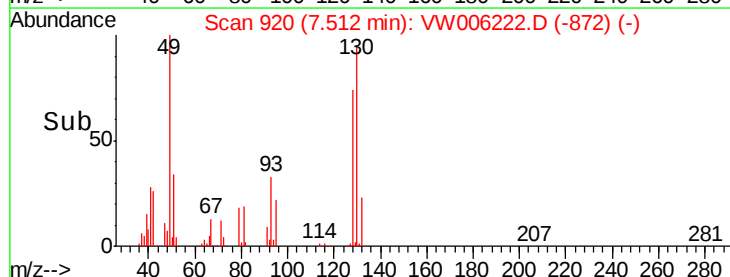
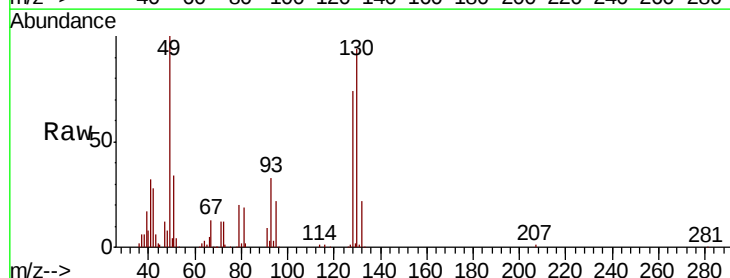
apatel
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#28

Bromochloromethane
 Concen: 53.256 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.0	
130	95.1	73.8	110.8	





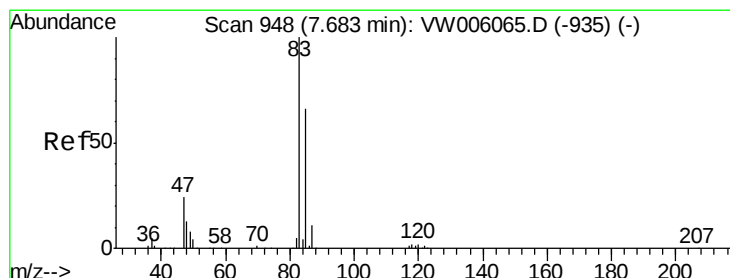
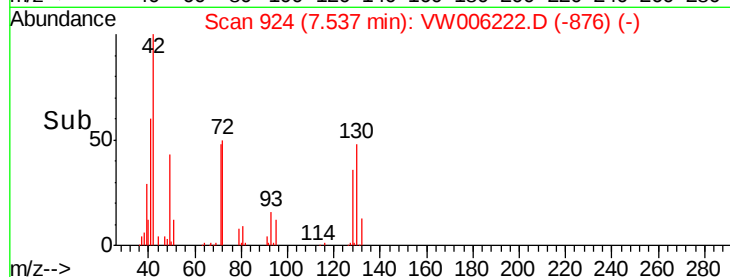
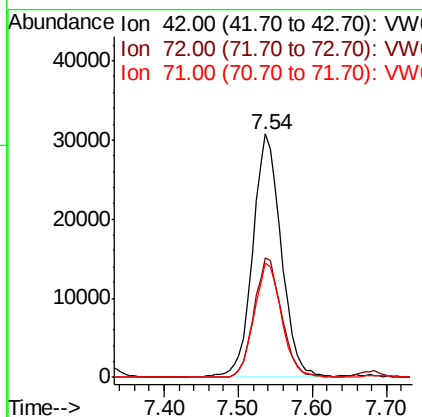
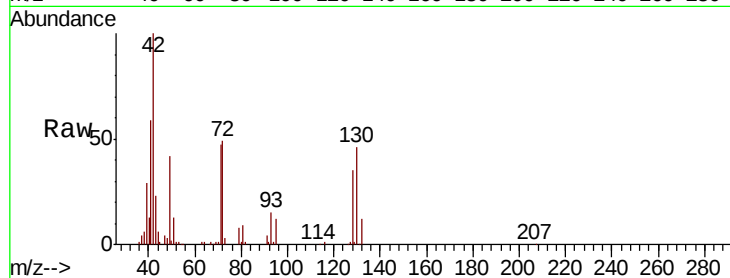
#29
Tetrahydrofuran
Concen: 222.674 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	38.0	57.0
71	45.3	35.3	52.9

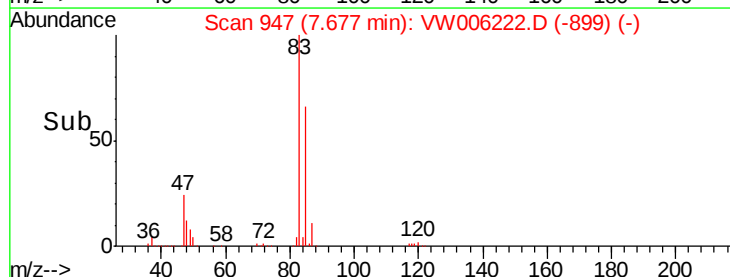
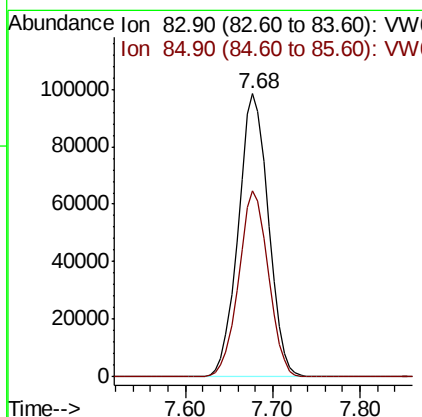
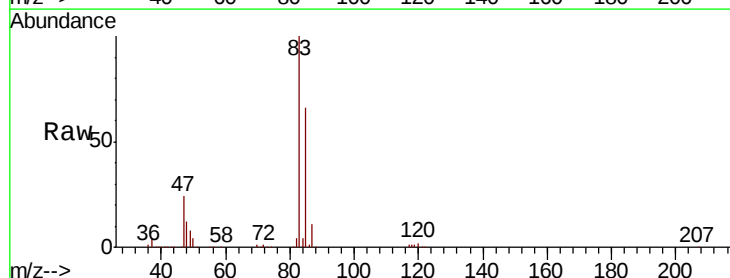
Manual Integrations
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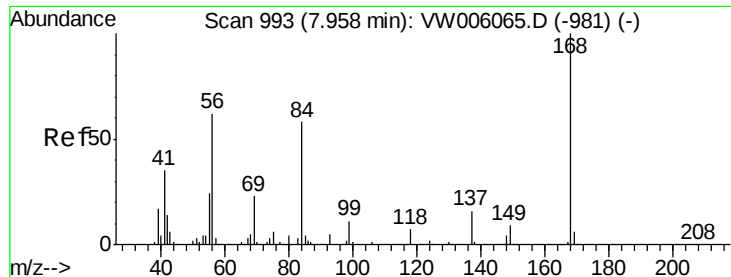
apatel
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#30
Chloroform
Concen: 52.580 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.6	79.0





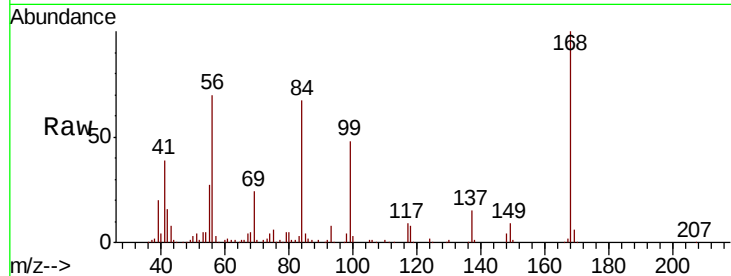
#31
Cyclohexane
Concen: 50.180 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.9	29.4	44.0
84	94.9	74.0	111.0

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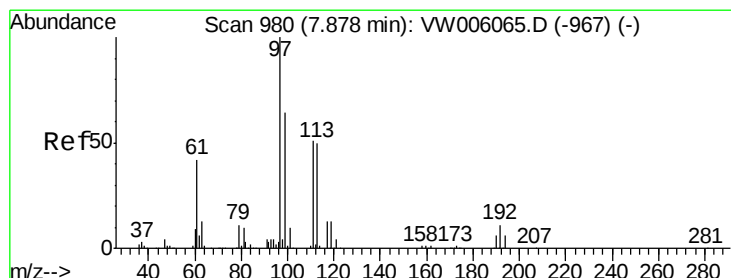
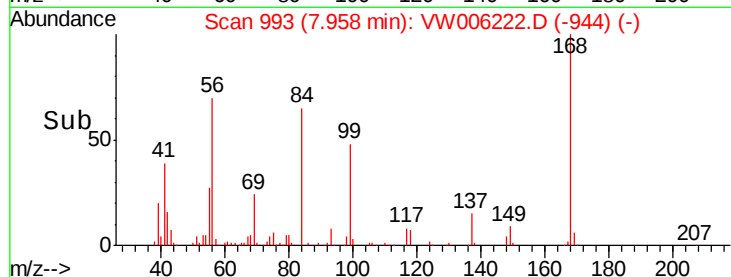
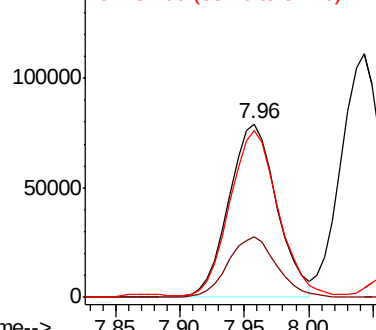


Abundance

Ion 56.00 (55.70 to 56.70): VW

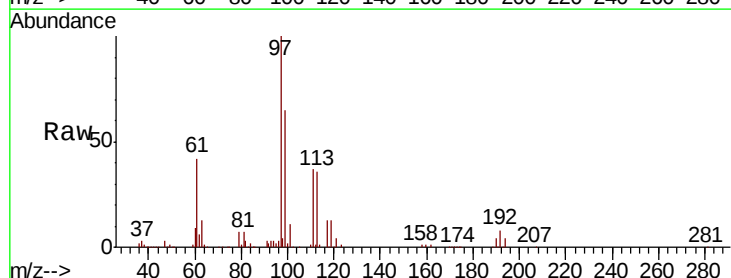
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 52.434 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	42.2	33.7	50.5

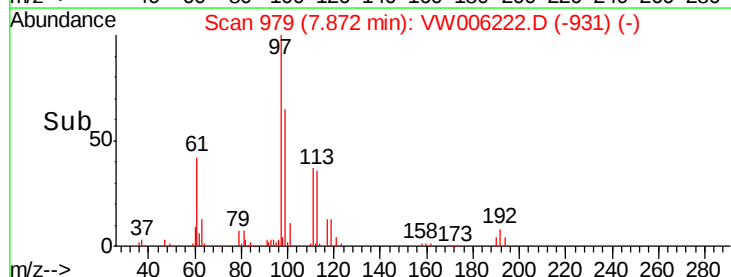
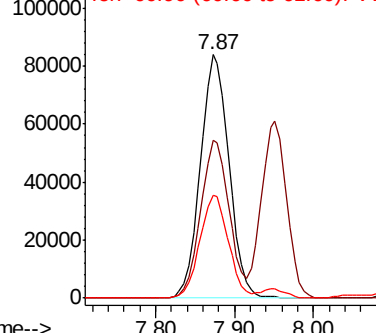


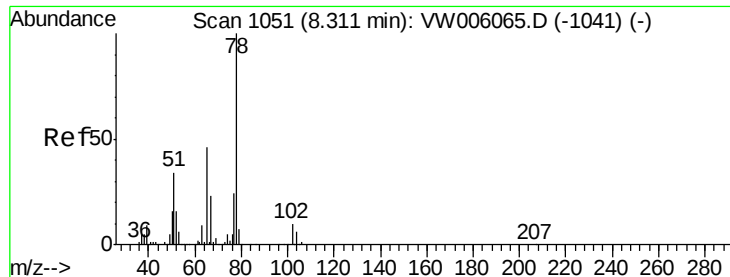
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 45.836 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 102324

Ion Ratio Lower Upper

65 100

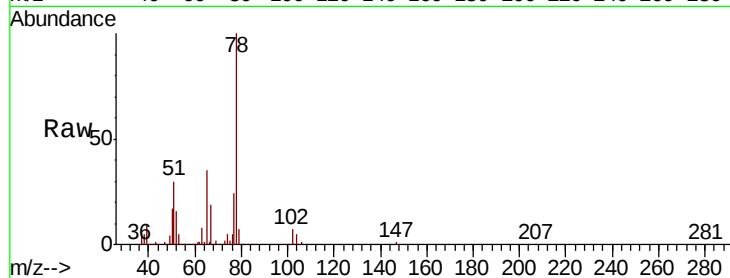
67 52.4 0.0 101.0

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

30000

20000

10000

0

8.20

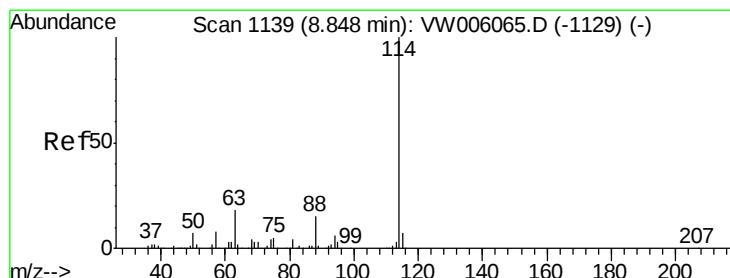
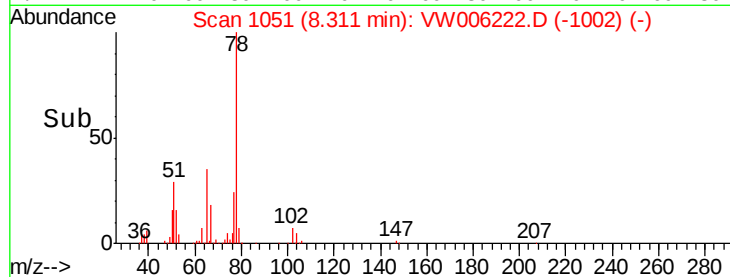
8.25

8.30

8.35

8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

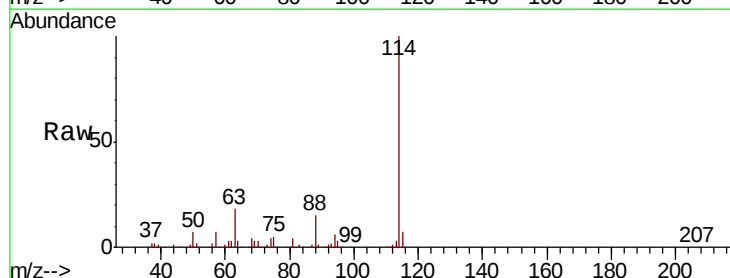
Tgt Ion: 114 Resp: 375505

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

88 14.6 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.85

250000

200000

150000

100000

50000

0

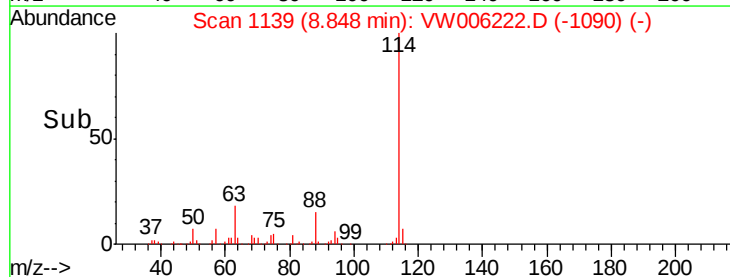
8.80

8.85

8.90

9.00

Time-->





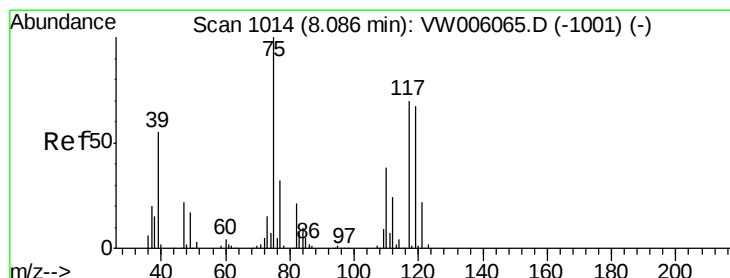
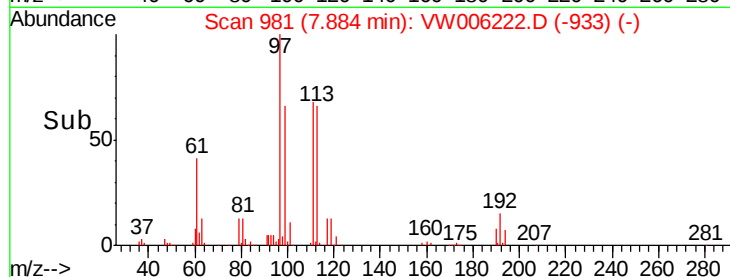
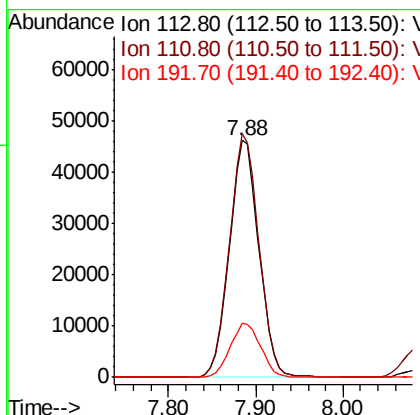
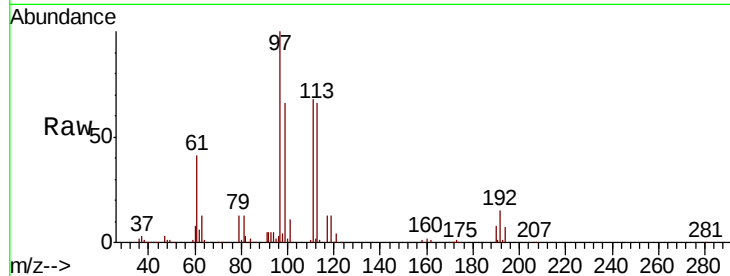
#35
 Dibromofluoromethane
 Concen: 48.869 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	23.4	18.7	28.1

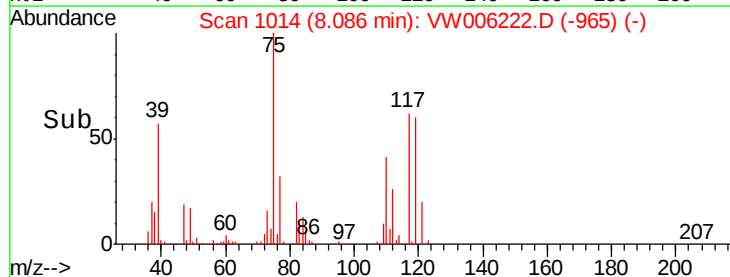
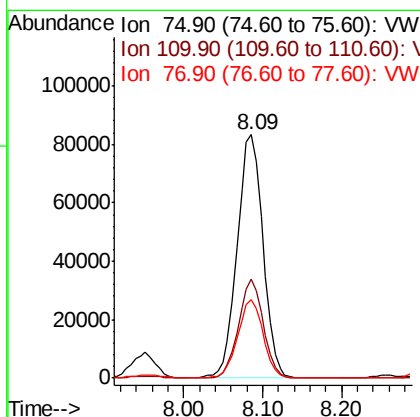
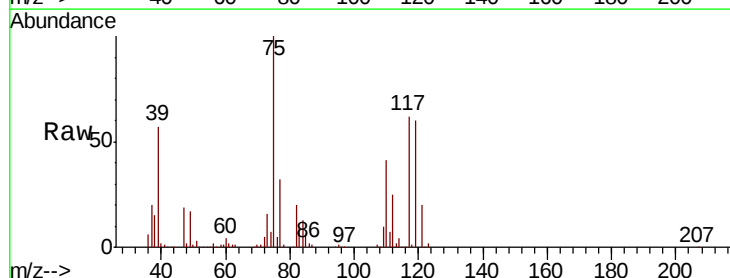
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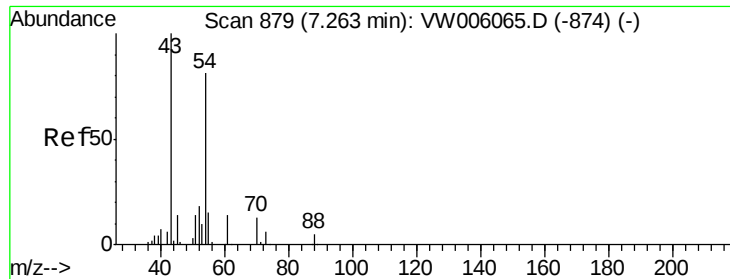
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#36
 1,1-Dichloropropene
 Concen: 55.000 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.1	57.1
77	31.4	25.0	37.4





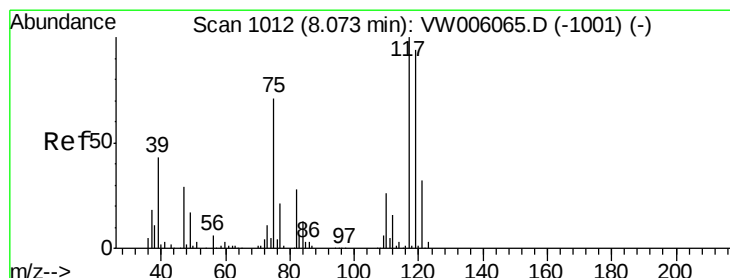
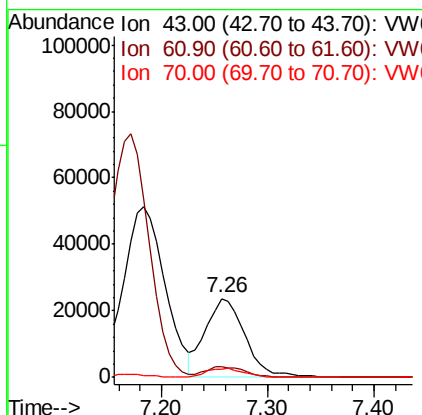
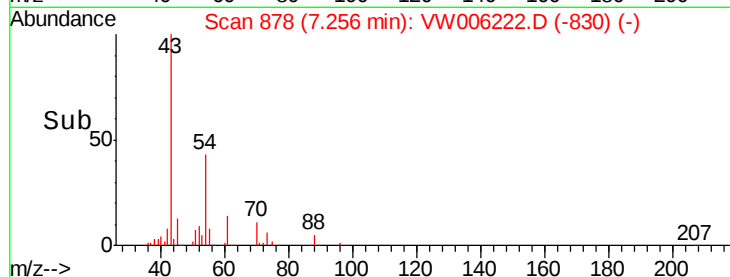
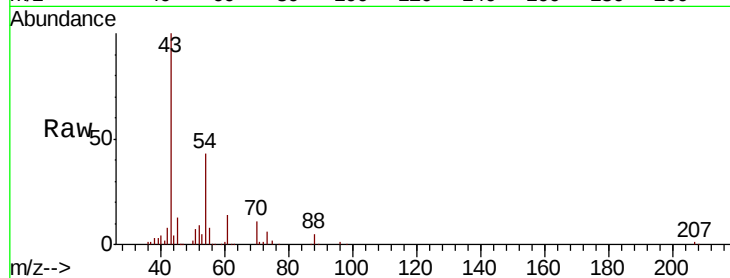
#37
Ethyl Acetate
Concen: 47.337 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	11.1	9.2	13.8

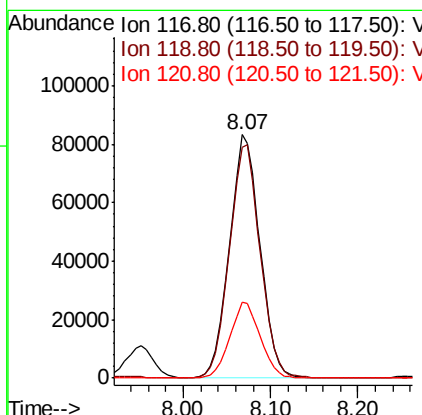
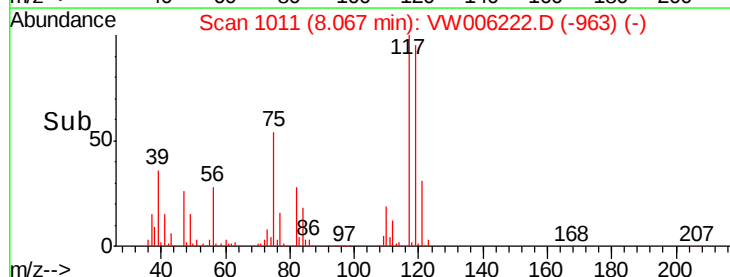
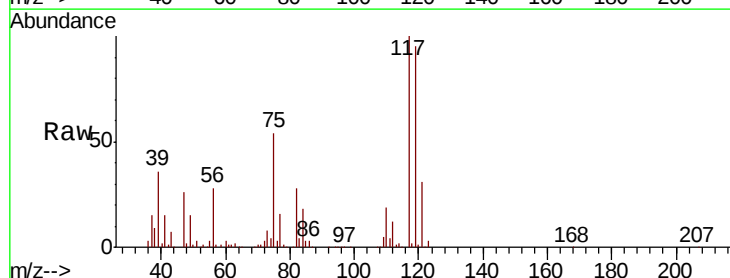
Manual Integrations
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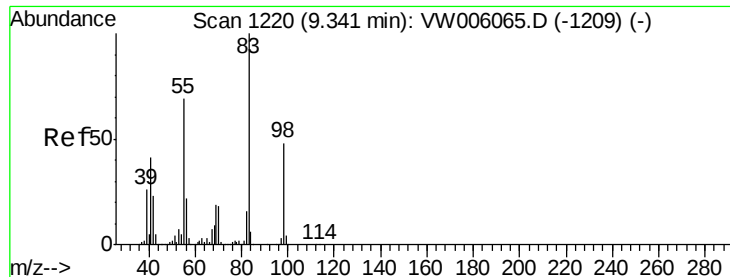
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#38
Carbon Tetrachloride
Concen: 53.282 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.2	112.8
121	31.2	25.3	37.9





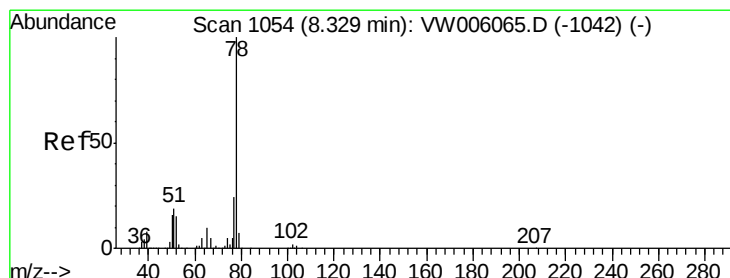
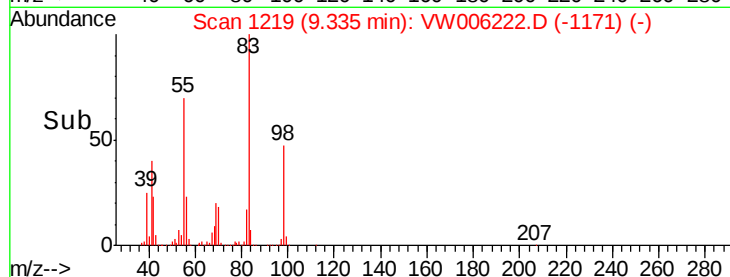
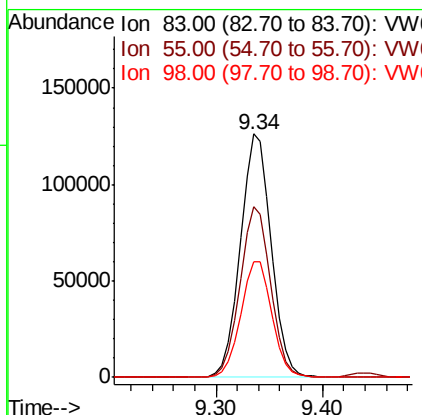
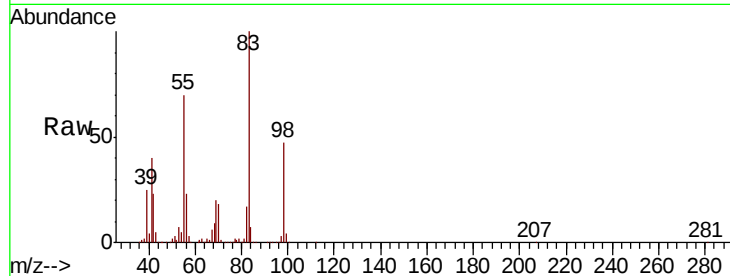
#39
Methvlcvclohexane
Concen: 55.770 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.0	55.0	82.6
98	47.3	38.6	57.8

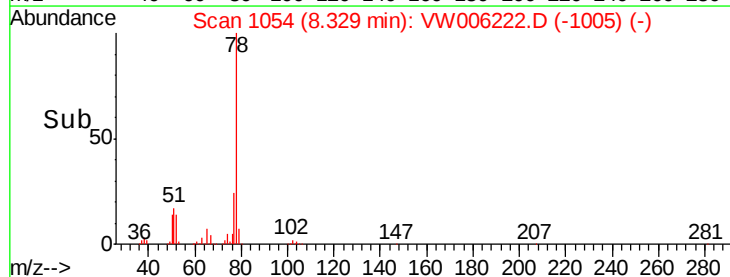
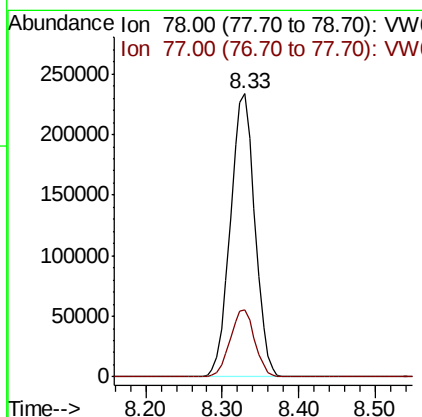
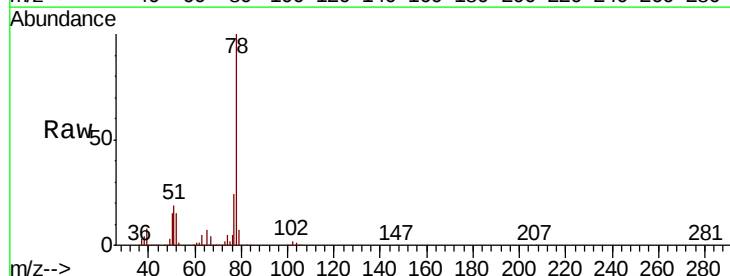
Manual Integrations
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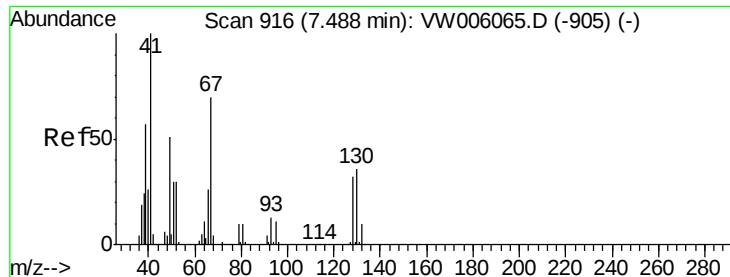
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#40
Benzene
Concen: 54.361 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





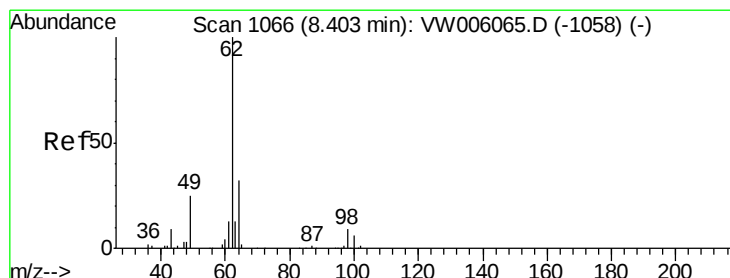
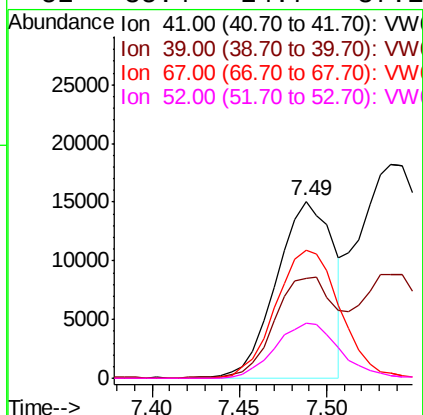
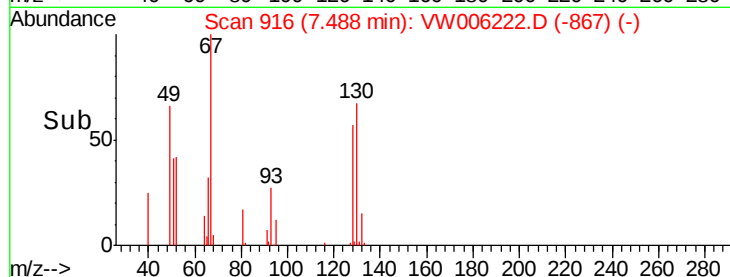
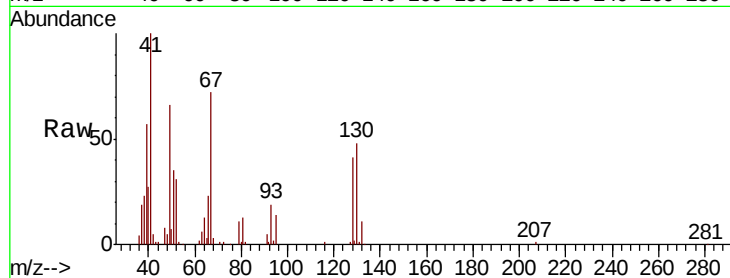
#41
Methacrylonitrile
Concen: 44.147 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	34223
Ion	Ratio	Lower	Upper
41	100		
39	65.0	46.2	69.4
67	82.0	57.7	86.5
52	35.4	24.7	37.1

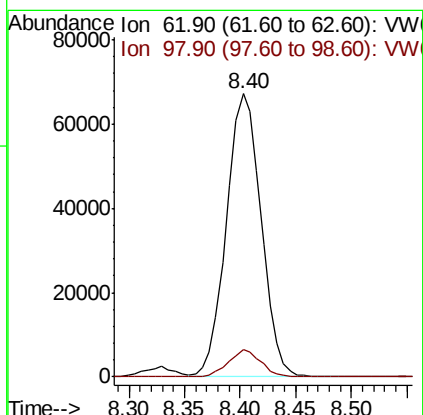
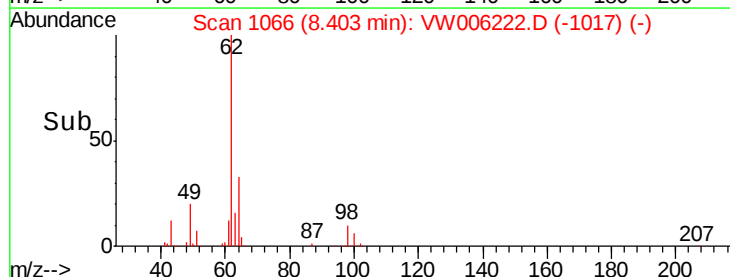
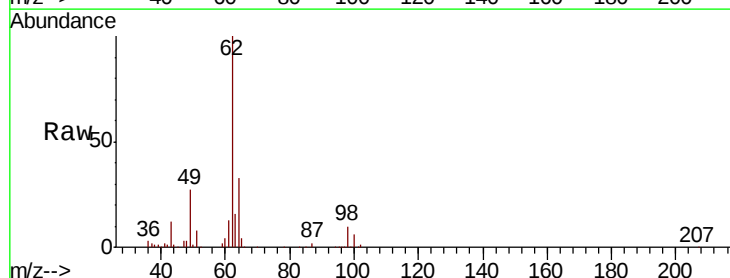
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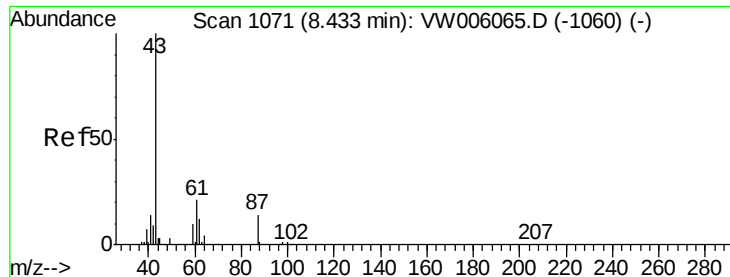
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#42
1,2-Dichloroethane
Concen: 52.024 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion:	62	Resp:	145113
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4





#43

Isopropyl Acetate

Concen: 45.878 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

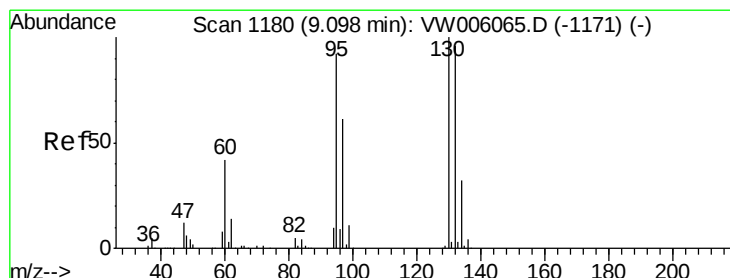
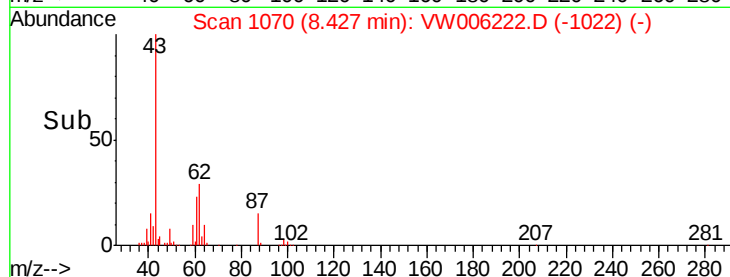
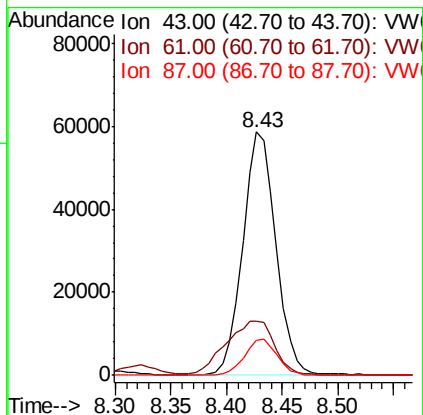
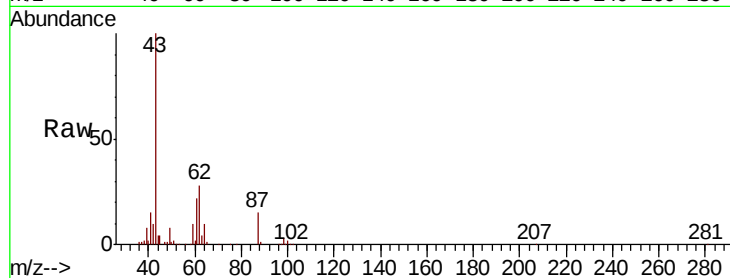
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	120626
Ion	Ratio	Lower	Upper
43	100		
61	32.8	25.5	38.3
87	14.7	11.7	17.5

Manual Integrations
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#44

Trichloroethene

Concen: 54.726 ug/l

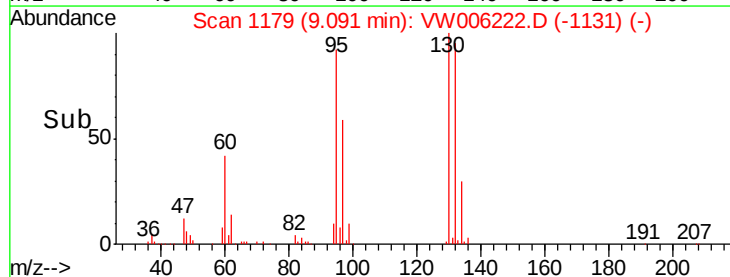
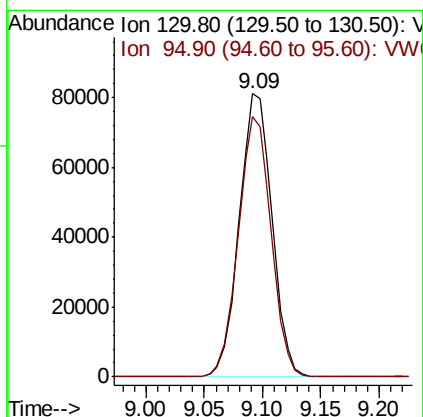
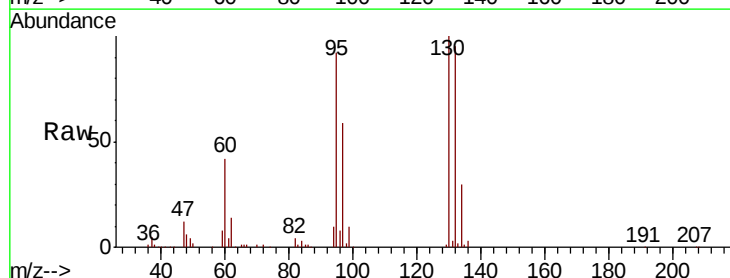
RT: 9.09 min Scan# 1179

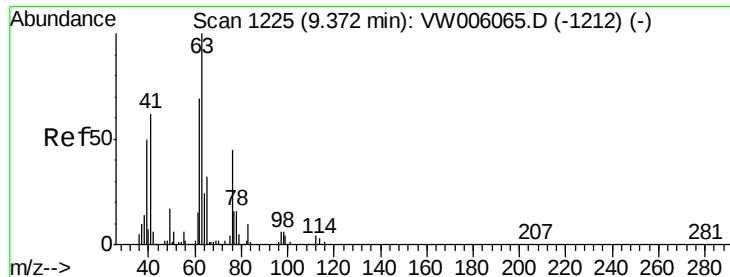
Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion:	130	Resp:	159404
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	183.2





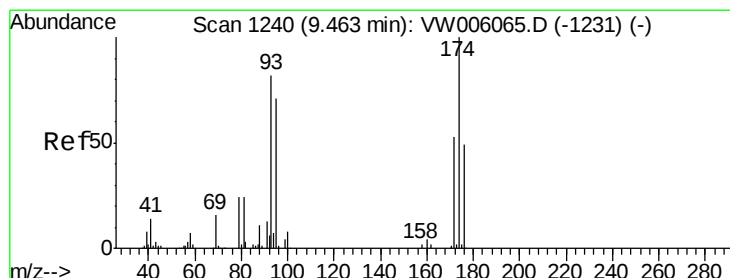
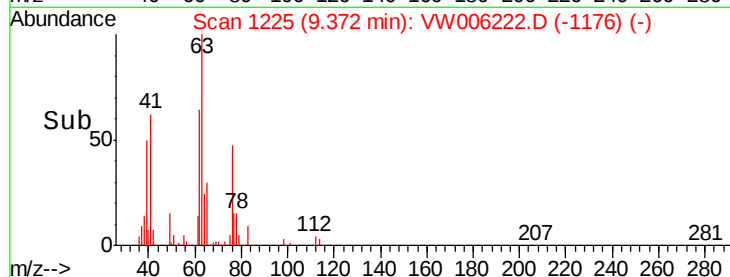
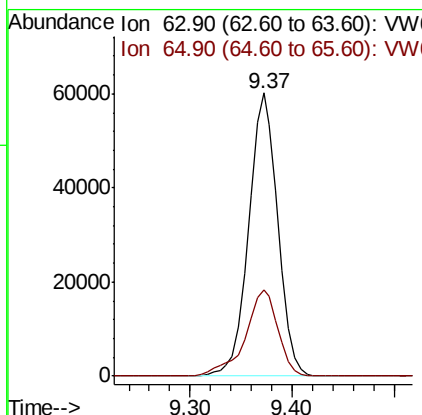
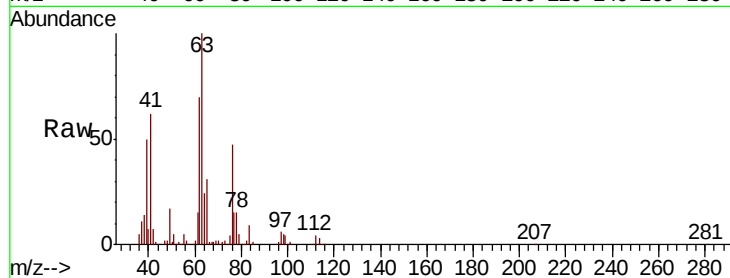
#45
 1,2-Dichloropropane
 Concen: 52.420 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.4	38.0

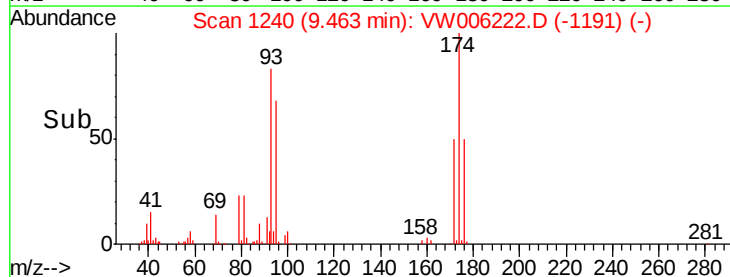
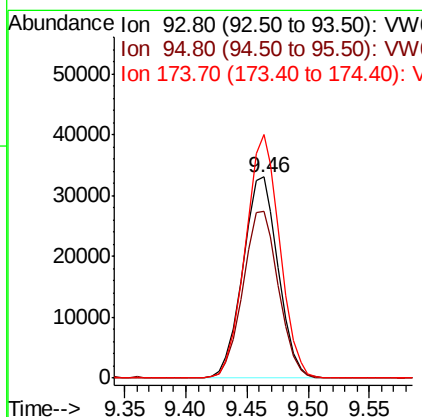
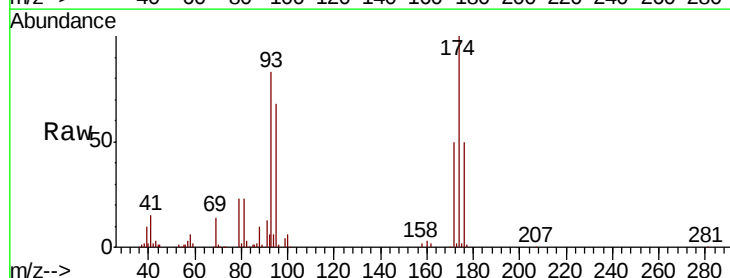
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#46
 Dibromomethane
 Concen: 51.193 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.7	101.5
174	117.9	93.7	140.5





#47

Bromodichloromethane

Concen: 51.328 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

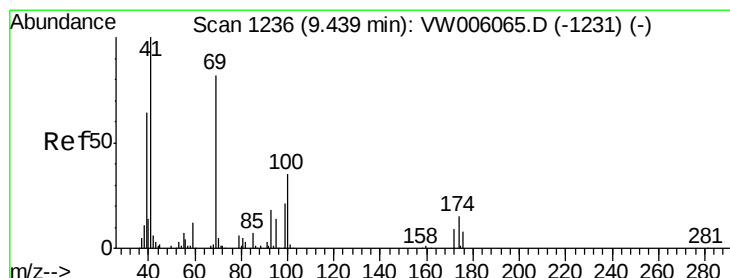
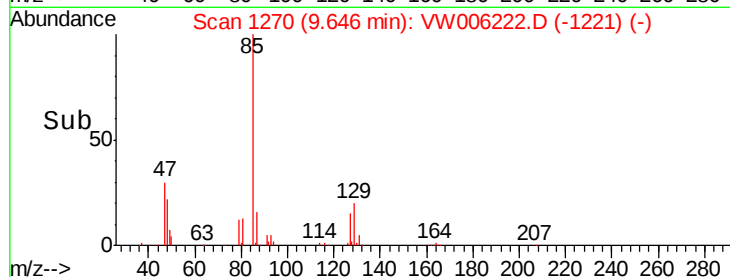
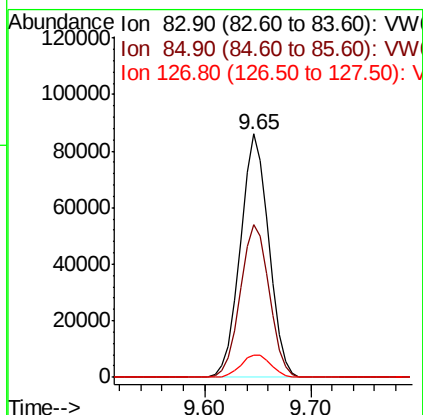
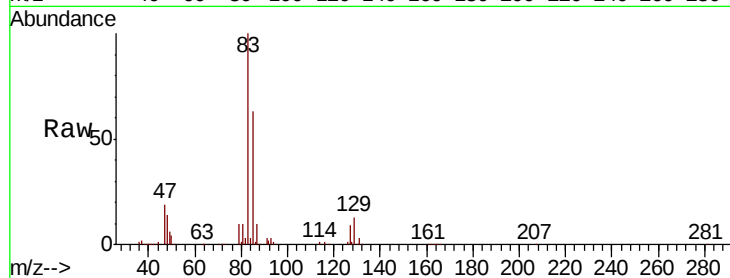
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	161135
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.8	77.8
127	9.4	6.9	10.3

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#48

Methyl methacrylate

Concen: 47.949 ug/l

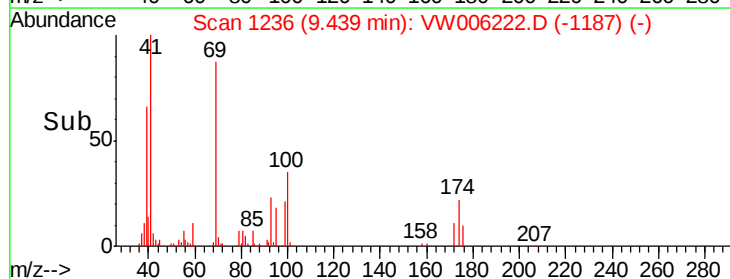
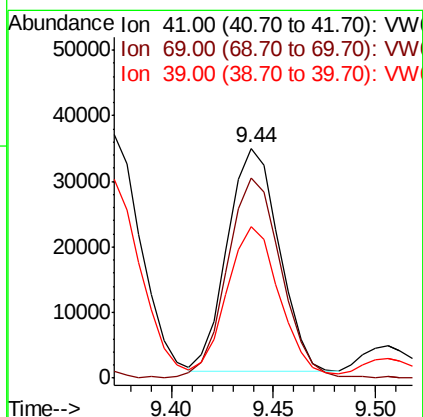
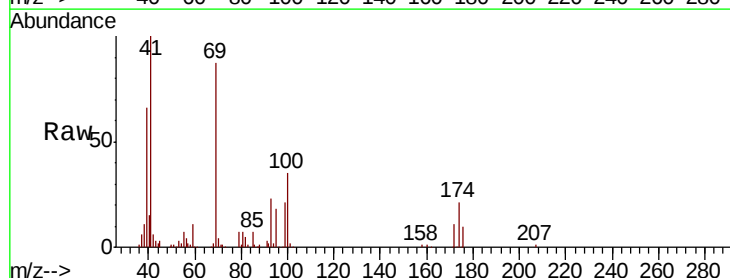
RT: 9.44 min Scan# 1236

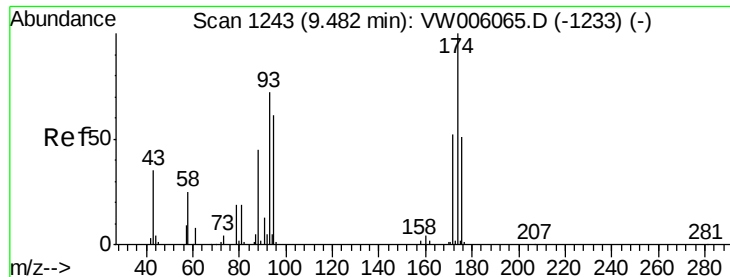
Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion:	41	Resp:	59759
Ion Ratio	Lower	Upper	
41	100		
69	93.1	71.8	107.8
39	65.7	52.5	78.7





#49

1,4-Dioxane

Concen: 1003.418 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

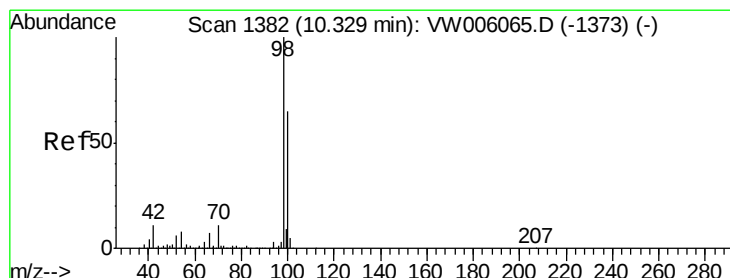
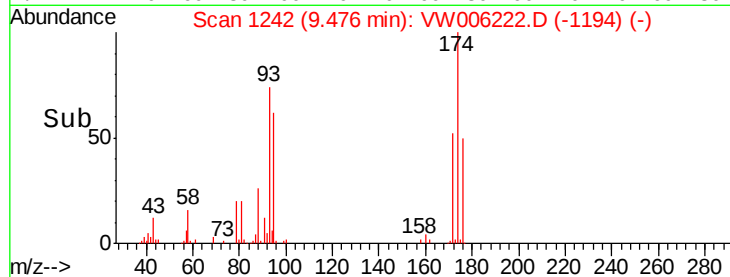
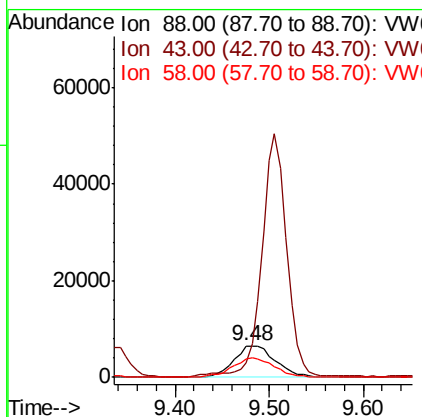
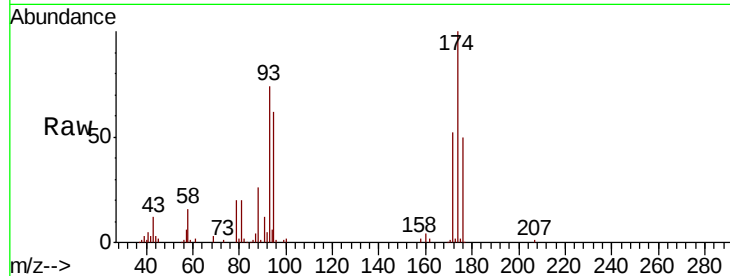
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	20002
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	63.7	51.2	76.8

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#50

Toluene-d8

Concen: 49.290 ug/l

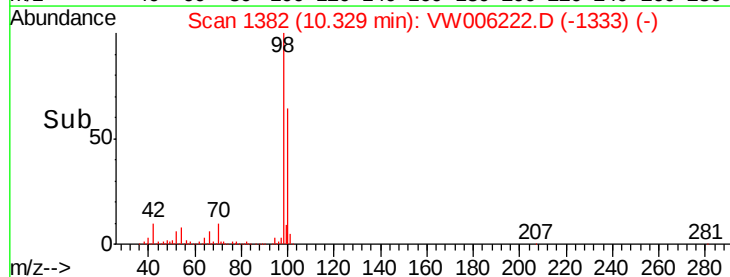
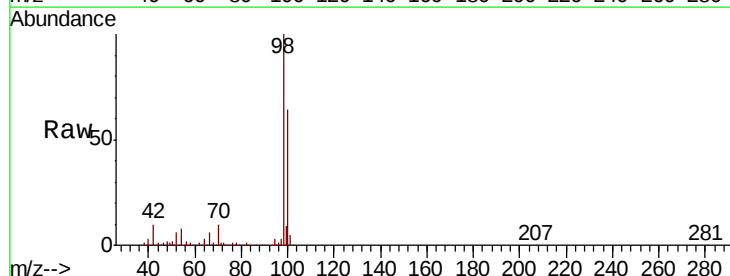
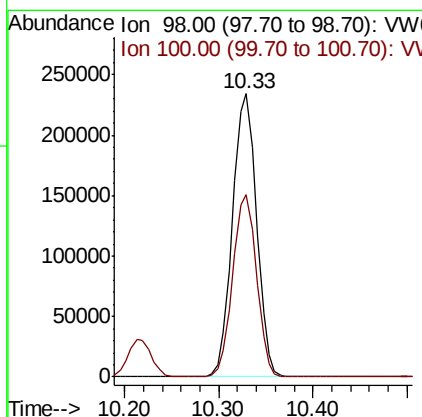
RT: 10.33 min Scan# 1382

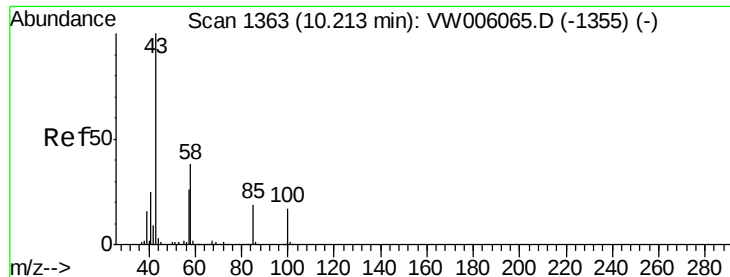
Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion:	98	Resp:	416086
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 234.943 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 309506

Ion Ratio Lower Upper

43 100

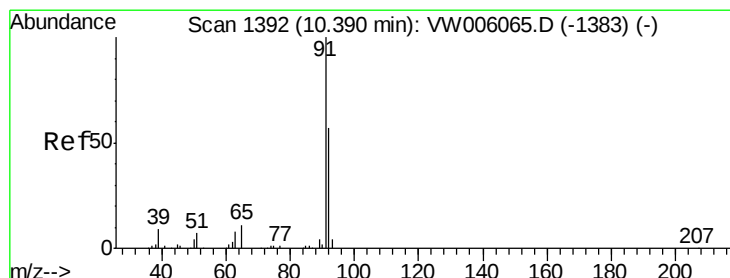
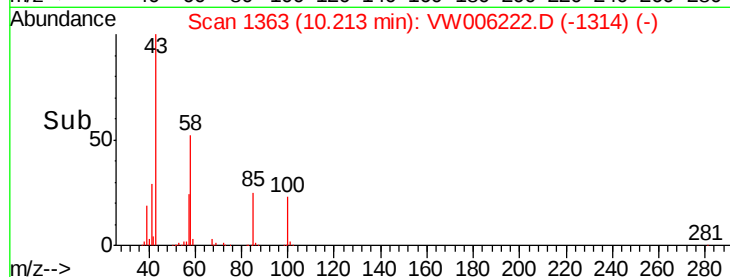
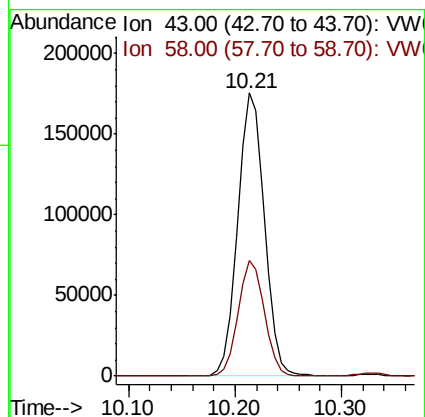
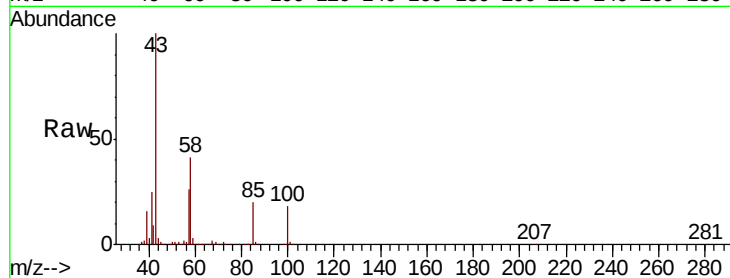
58 40.2 31.5 47.3

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#52

Toluene

Concen: 54.233 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006222.D

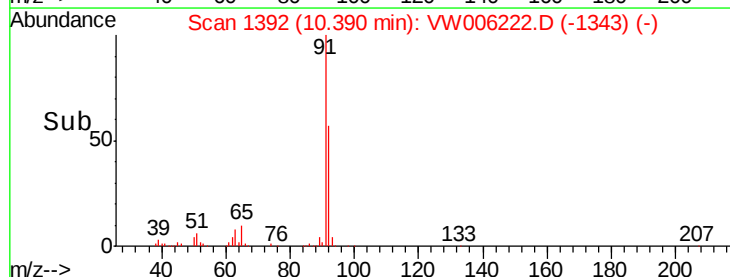
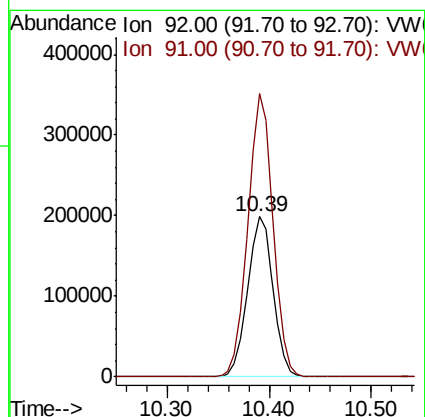
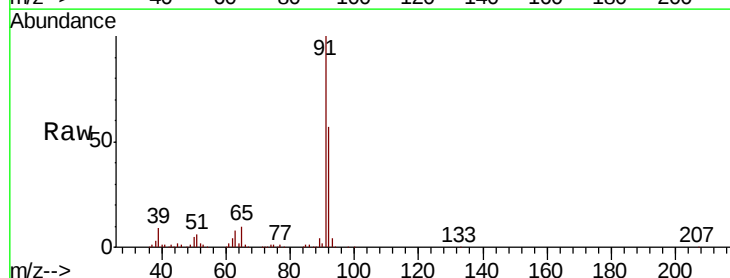
Acq: 19 Oct 2018 13:39

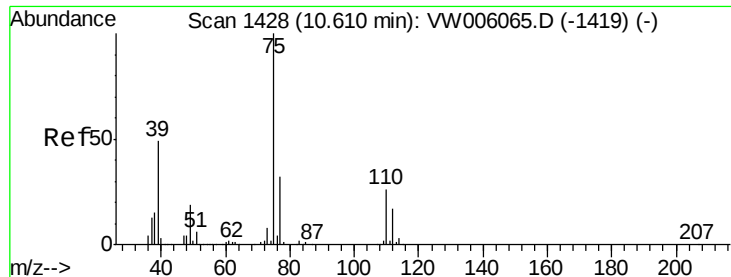
Tgt Ion: 92 Resp: 345195

Ion Ratio Lower Upper

92 100

91 174.4 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 49.804 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 155777

Ion Ratio Lower Upper

75 100

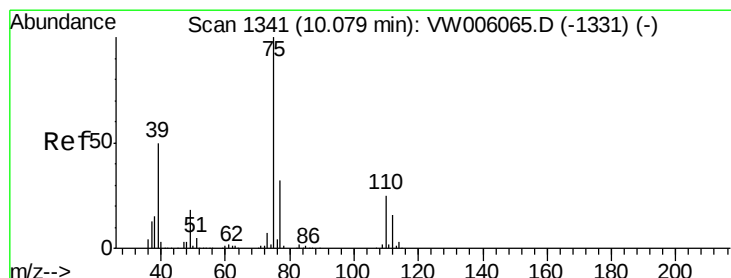
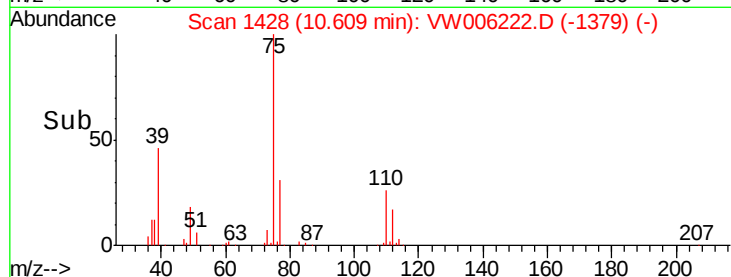
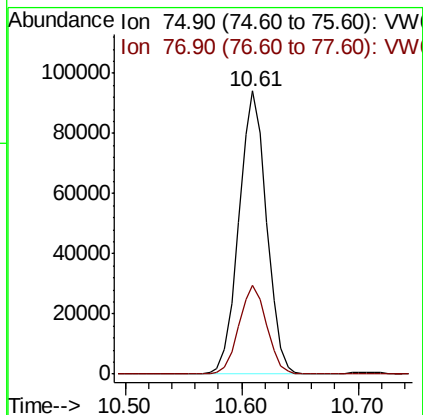
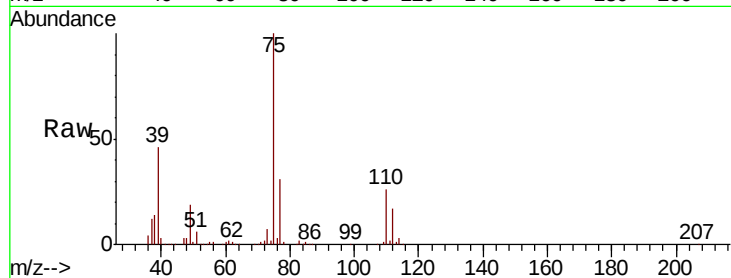
77 31.2 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 51.383 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

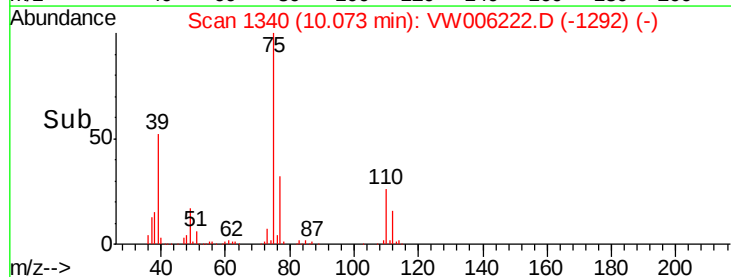
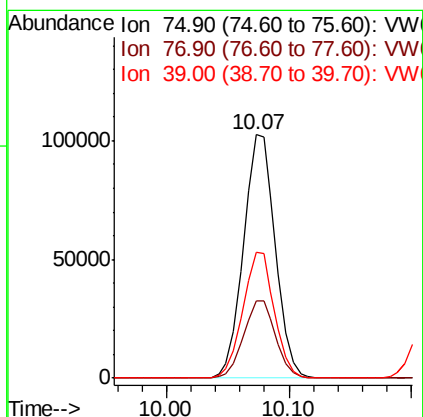
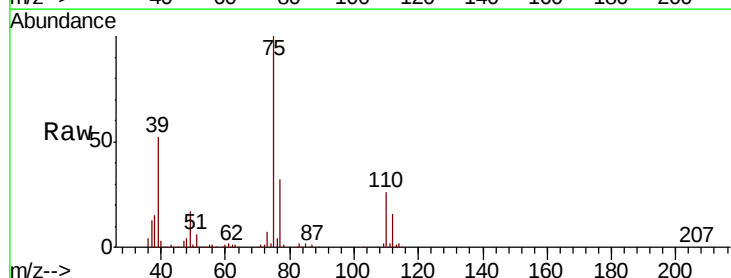
Tgt Ion: 75 Resp: 184451

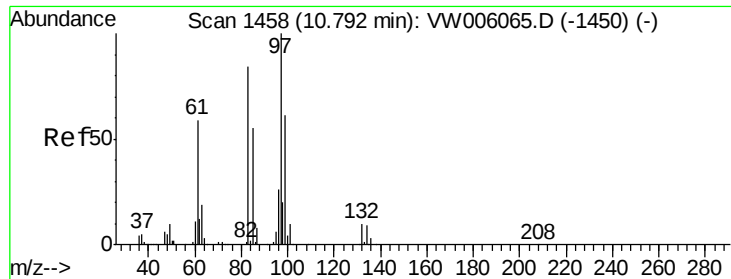
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 51.6 39.9 59.9





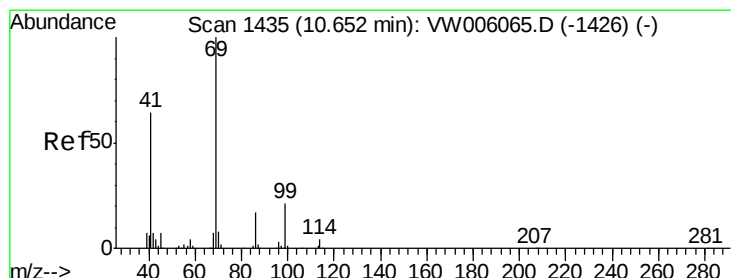
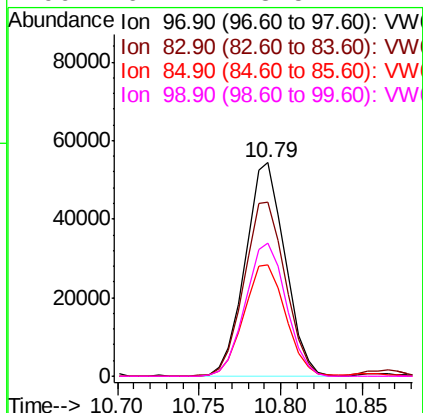
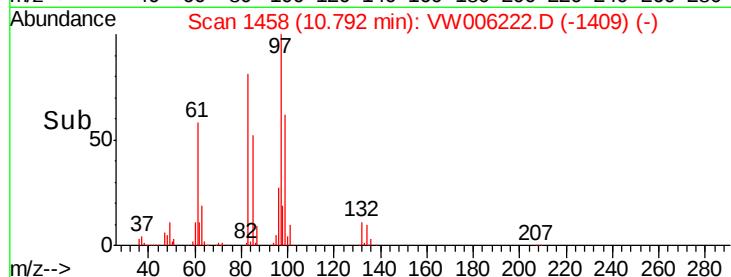
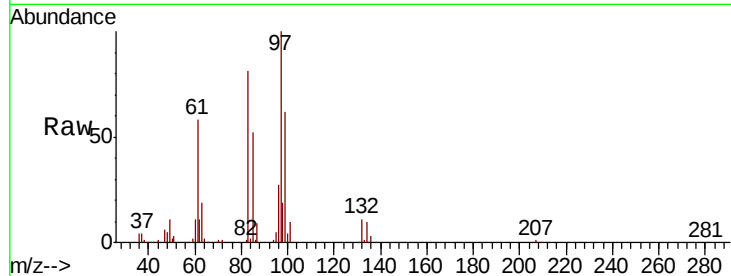
#55
 1,1,2-Trichloroethane
 Concen: 51.037 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	92480
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.2	100.8
85	52.3	43.7	65.5
99	62.1	48.5	72.7

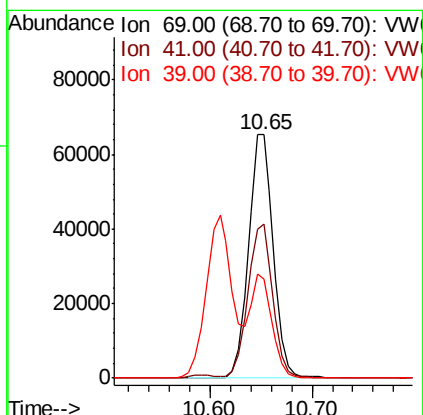
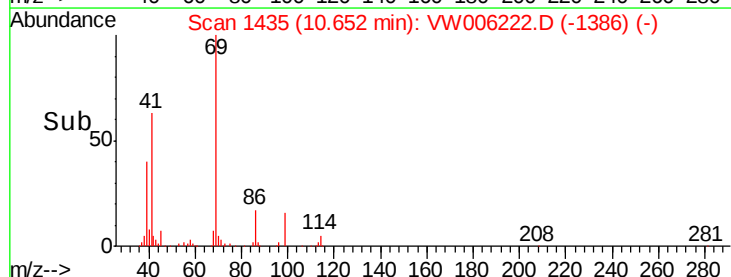
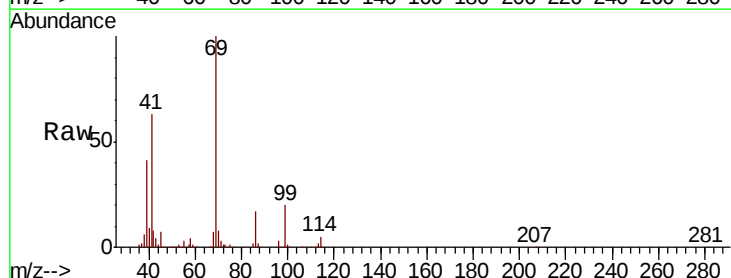
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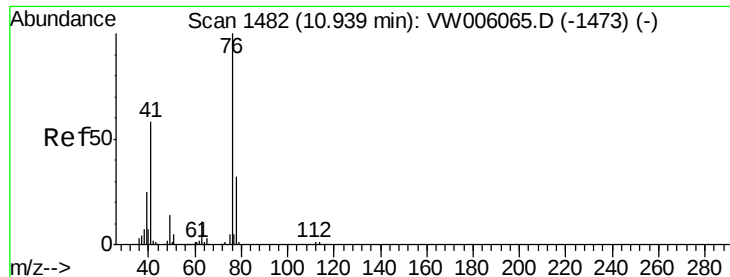
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#56
 Ethyl methacrylate
 Concen: 49.594 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion:	69	Resp:	110167
Ion	Ratio	Lower	Upper
69	100		
41	63.1	52.8	79.2
39	36.0	30.6	45.8





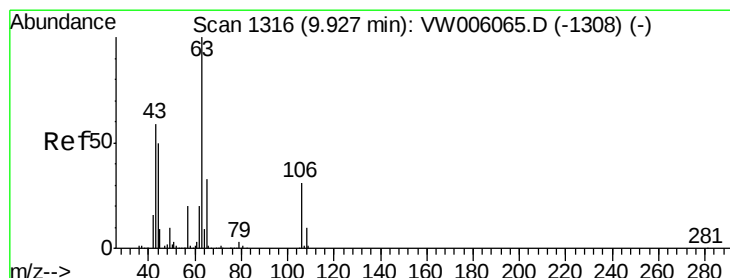
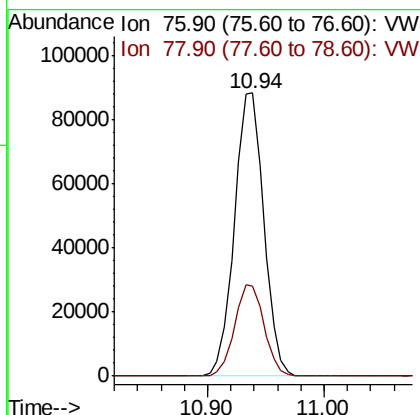
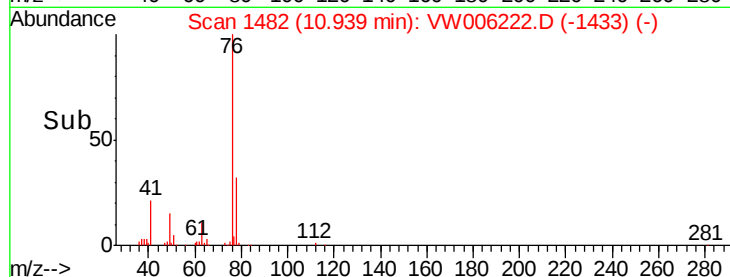
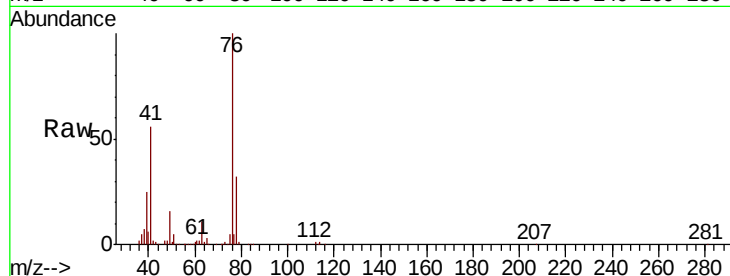
#57
 1,3-Dichloropropane
 Concen: 51.786 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

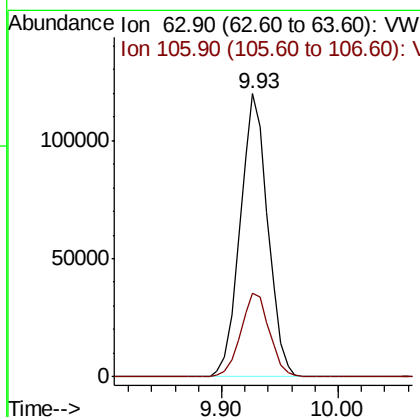
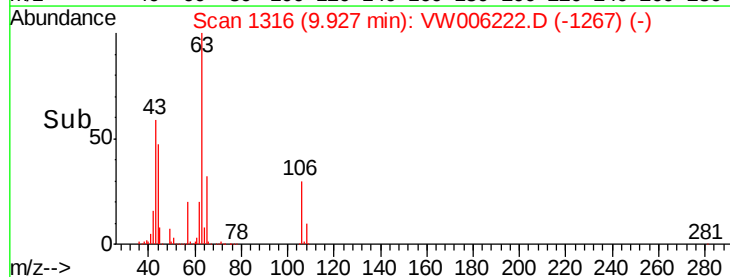
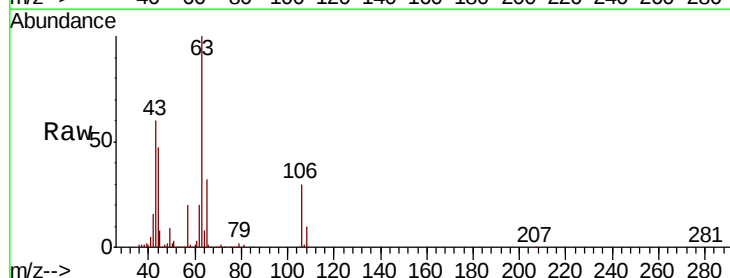
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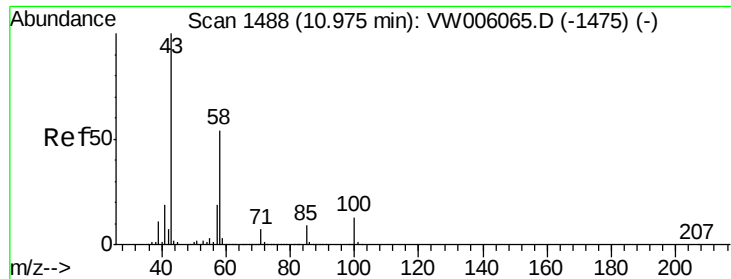
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#58
 2-Chloroethyl Vinyl ether
 Concen: 233.086 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	24.5	36.7





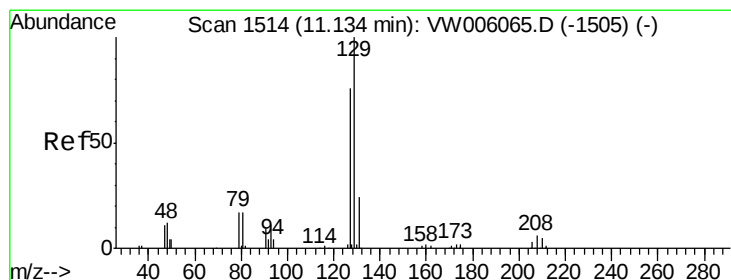
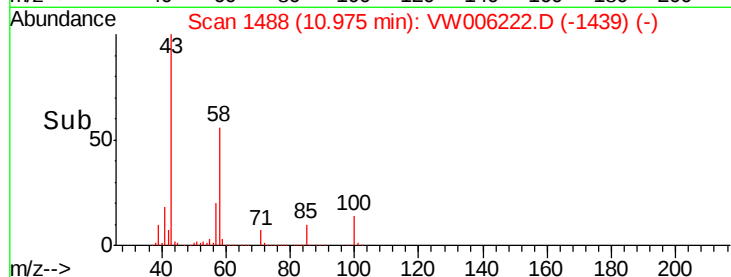
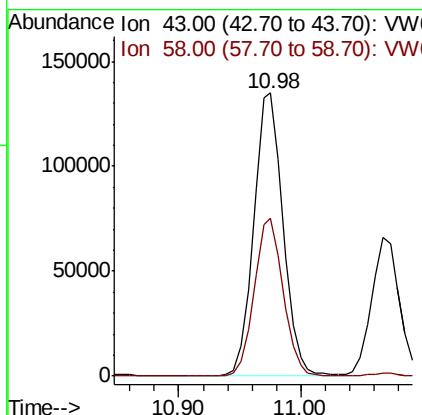
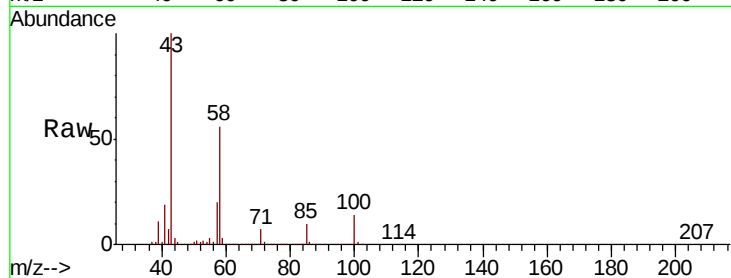
#59
2-Hexanone
Concen: 240.337 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 226009
Ion Ratio Lower Upper
43 100
58 54.9 26.9 80.6

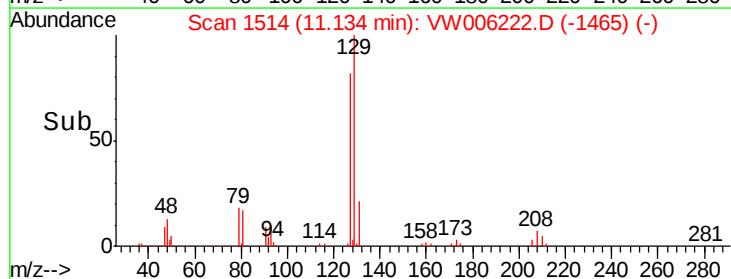
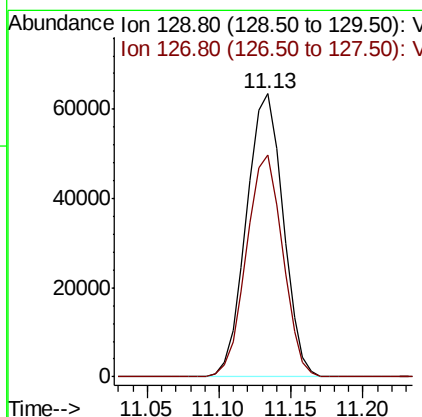
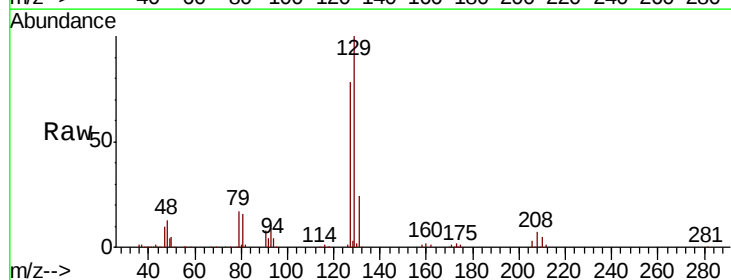
Manual Integrations
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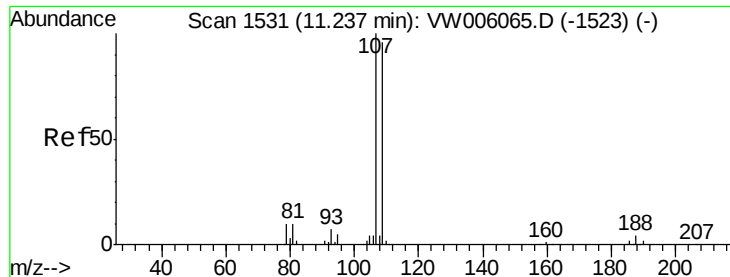
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#60
Dibromochloromethane
Concen: 49.698 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion: 129 Resp: 112170
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7





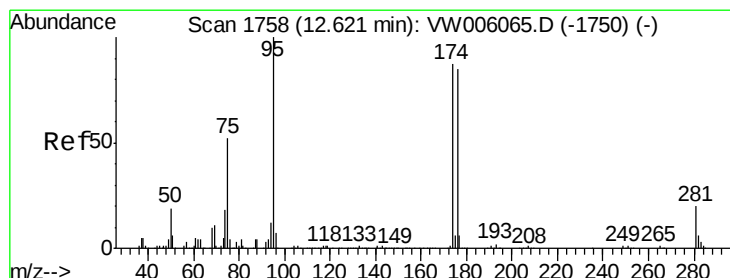
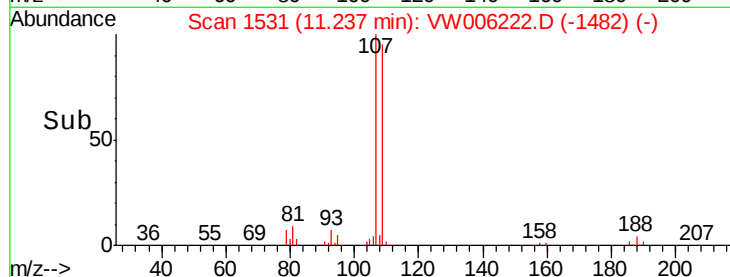
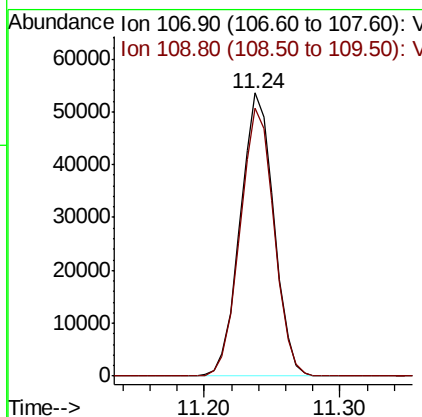
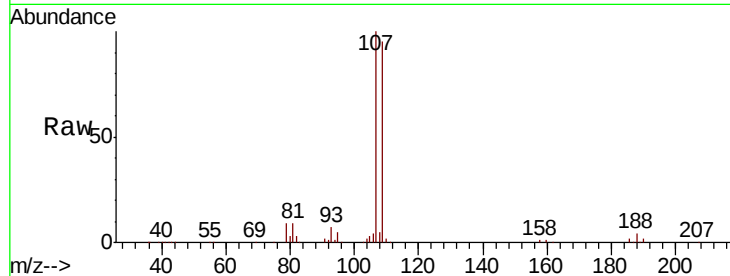
#61
 1,2-Dibromoethane
 Concen: 51.089 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 92498
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.3 114.5

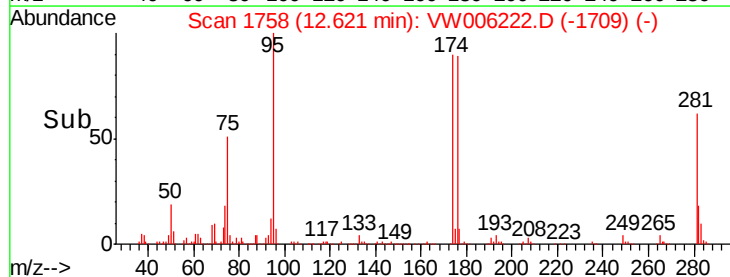
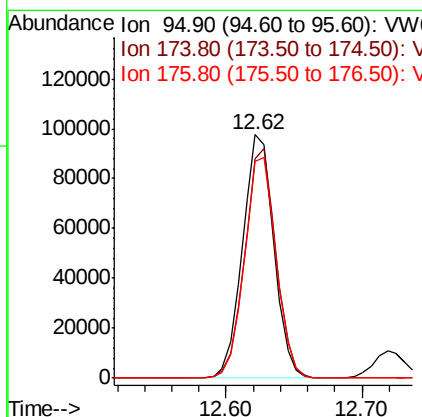
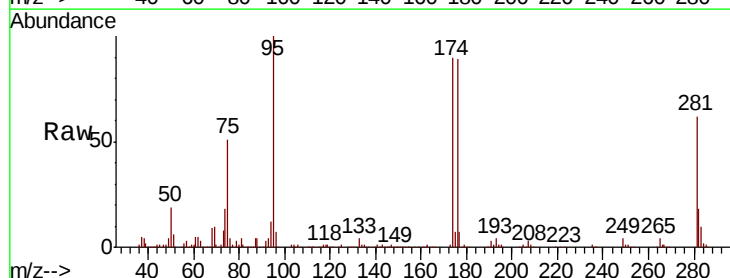
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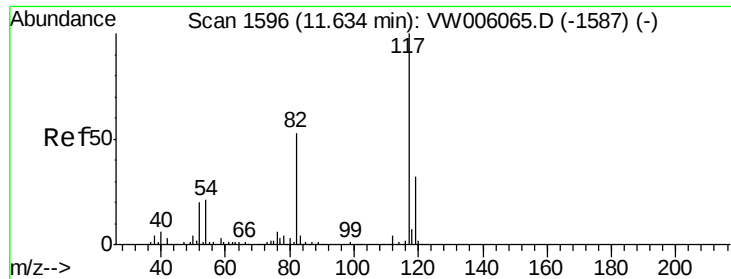
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.576 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion: 95 Resp: 157183
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 186.0
 176 91.5 0.0 181.6





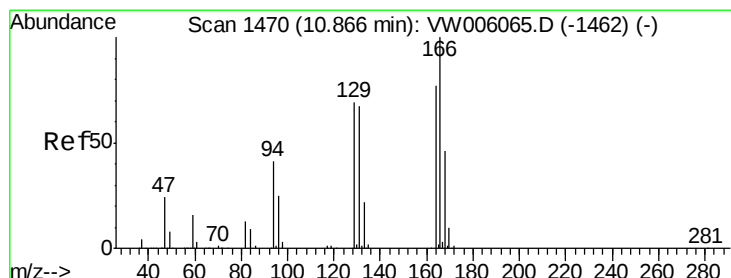
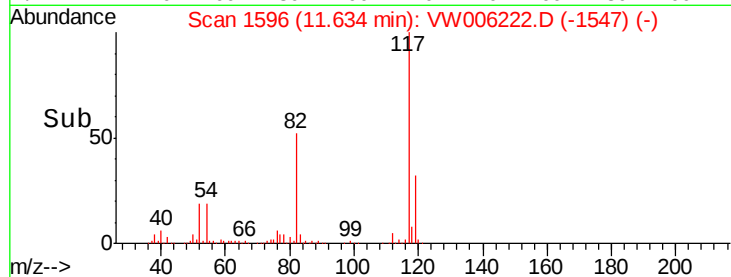
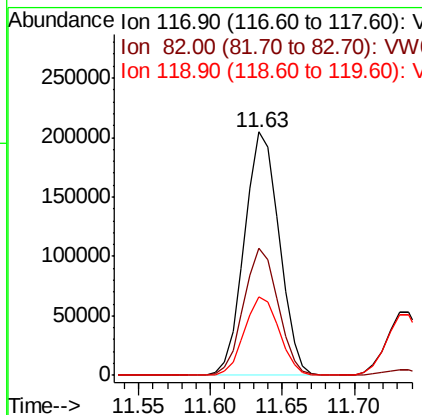
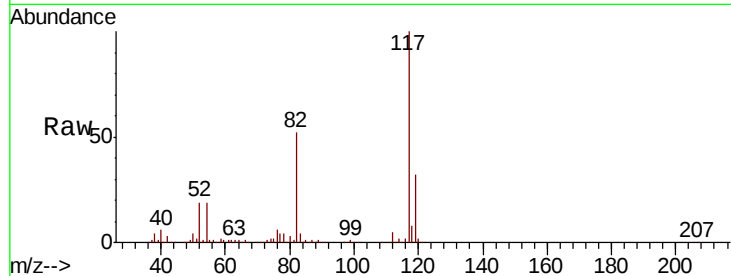
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	342389		
82	52.2		42.1	63.1
119	32.3		25.8	38.6

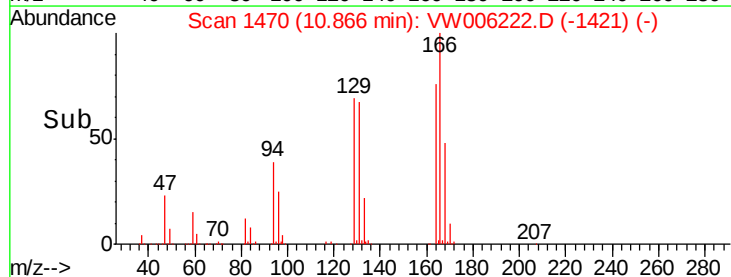
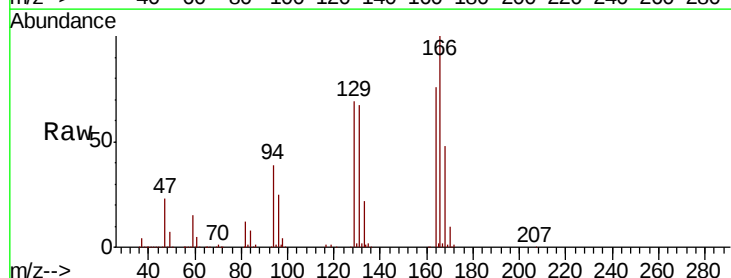
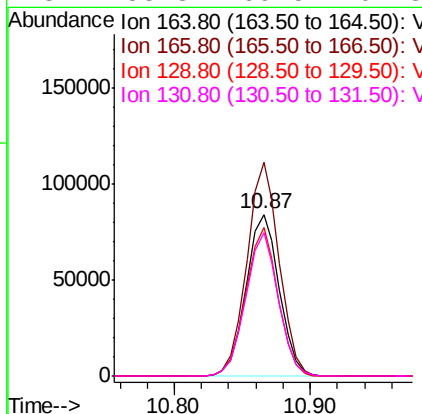
Manual Integrations
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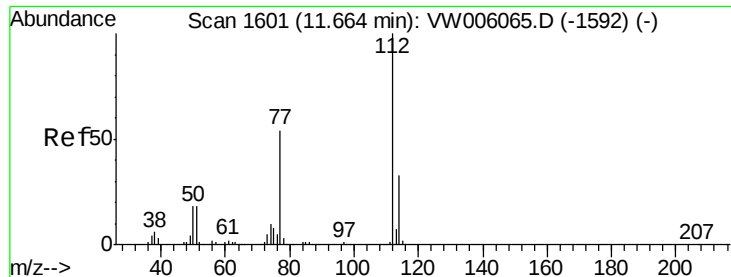
apatel
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#64
Tetrachloroethene
Concen: 53.983 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	143486		
166	131.9		103.4	155.0
129	91.4		71.8	107.8
131	88.3		69.5	104.3





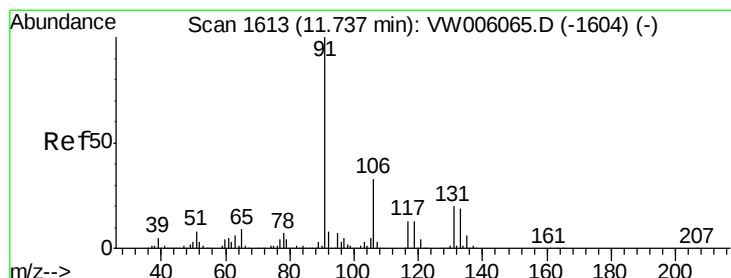
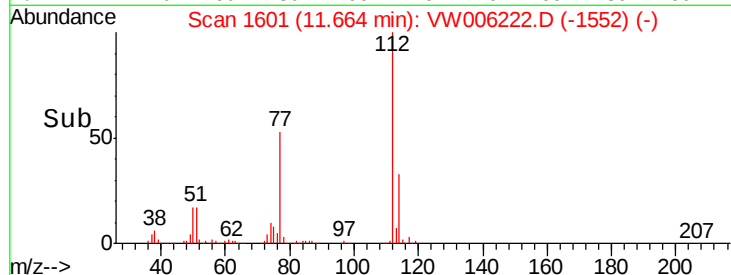
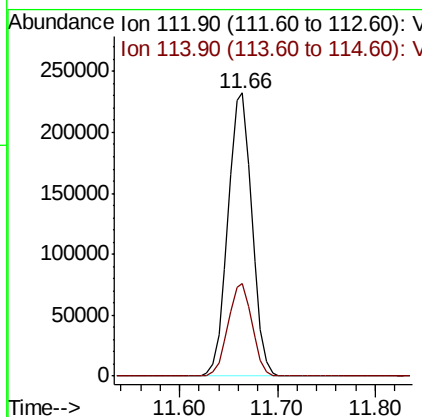
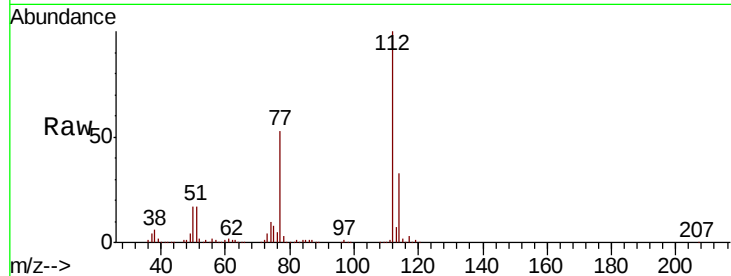
#65
Chlorobenzene
Concen: 53.988 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.2	39.2

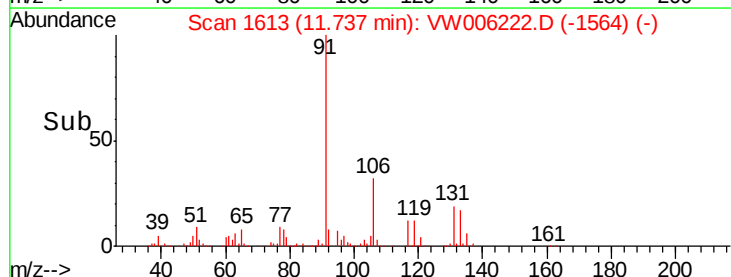
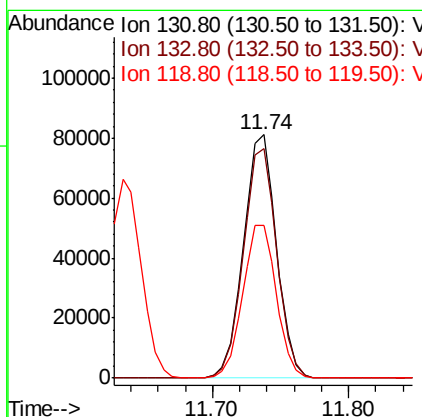
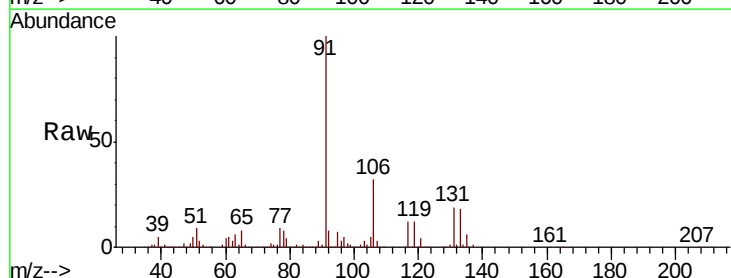
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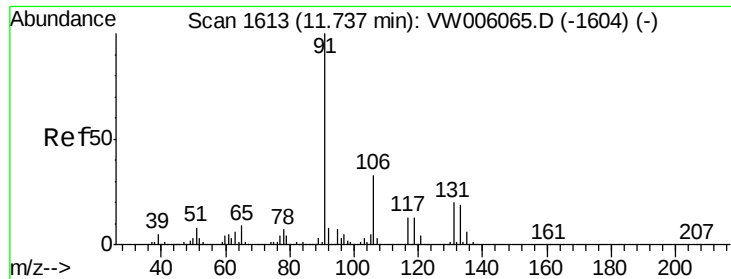
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.796 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.1	144.3
119	64.3	31.6	94.7





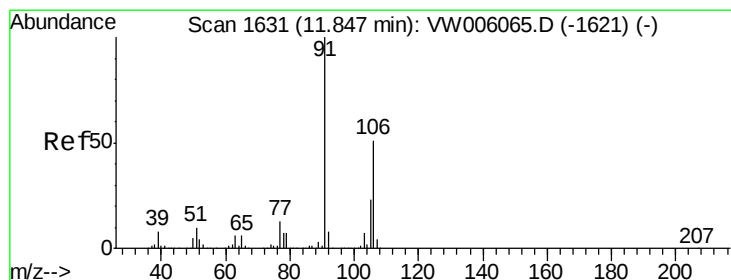
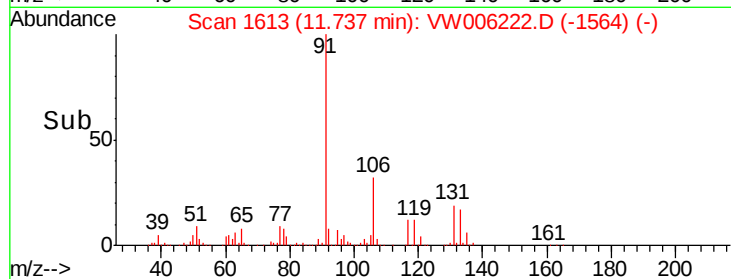
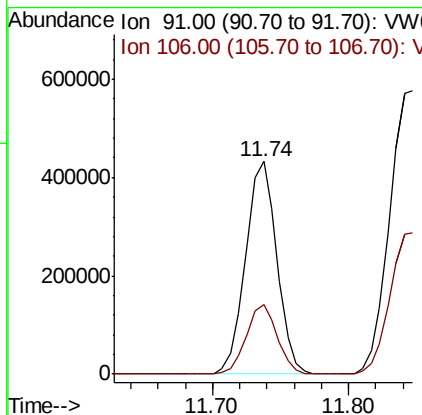
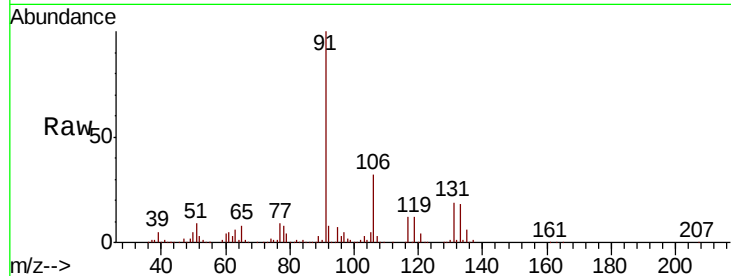
#67
Ethyl Benzene
Concen: 54.936 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.1	39.1

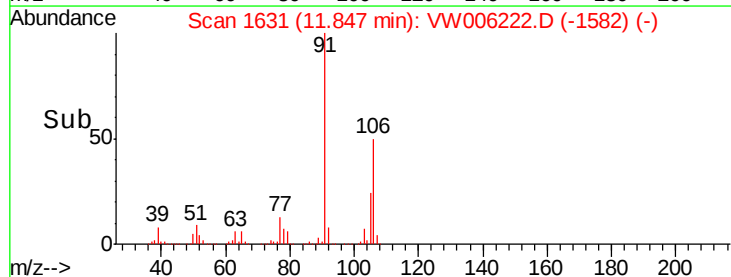
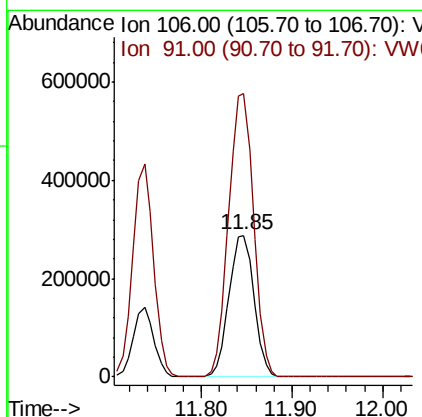
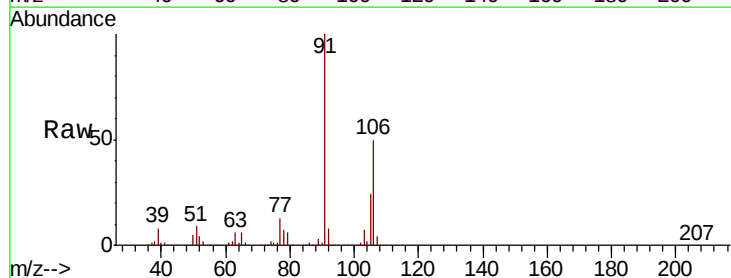
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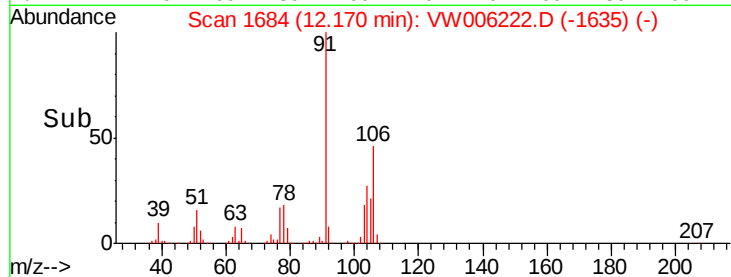
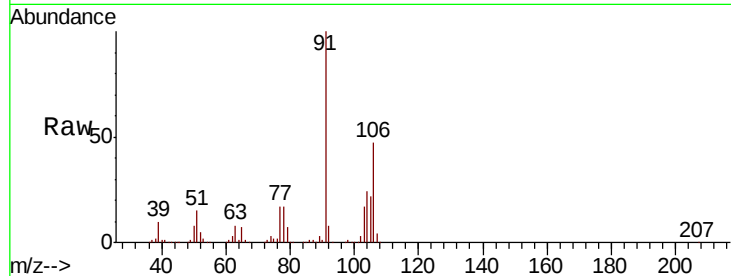
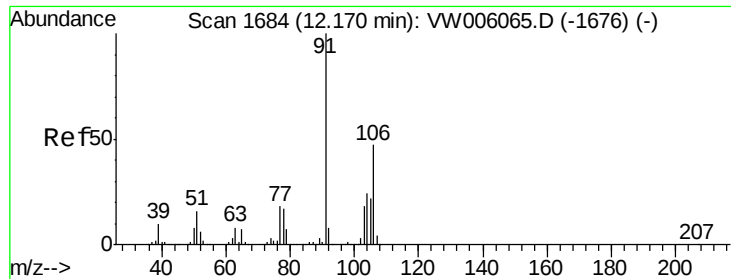
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#68
m/p-Xylenes
Concen: 110.122 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.5	159.1	238.7





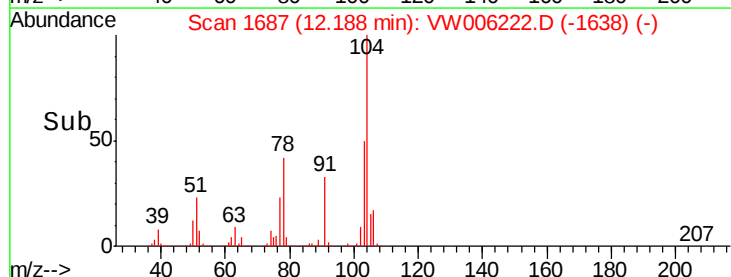
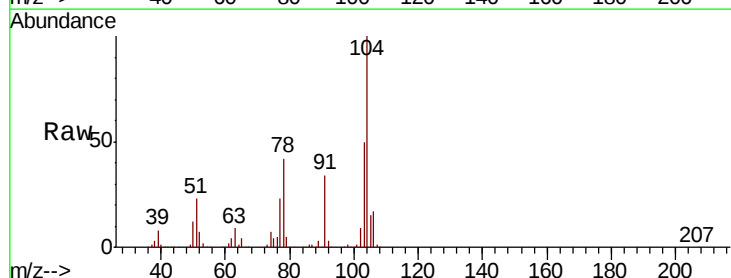
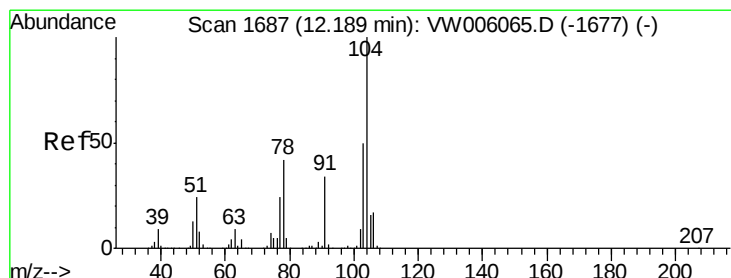
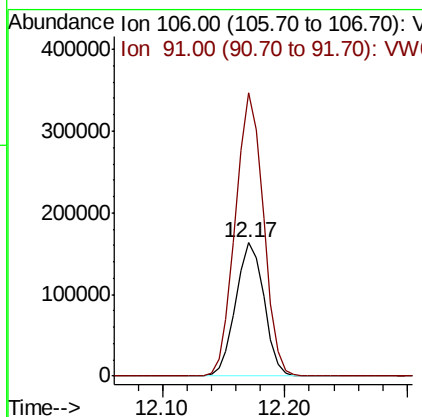
#69
o-Xylene
Concen: 54.733 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	261887		
91	91	210.5	105.4	316.1	

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

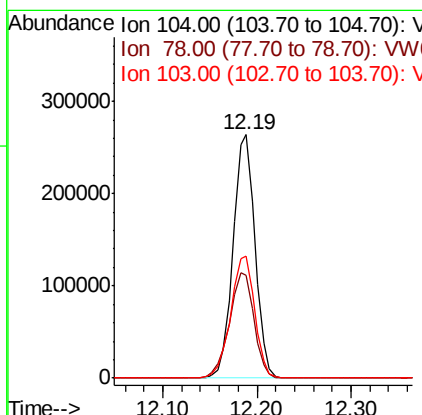
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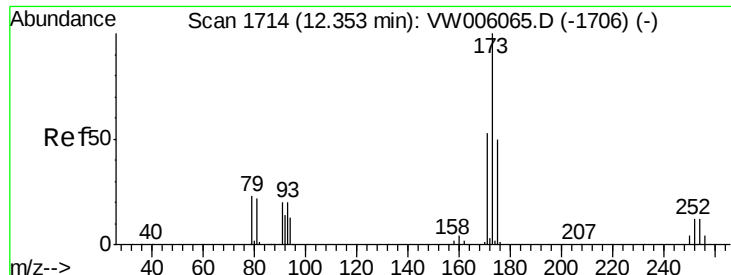
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#70
Styrene
Concen: 54.549 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	424432		
78	78	48.5	39.1	58.7	
103	103	55.0	44.3	66.5	





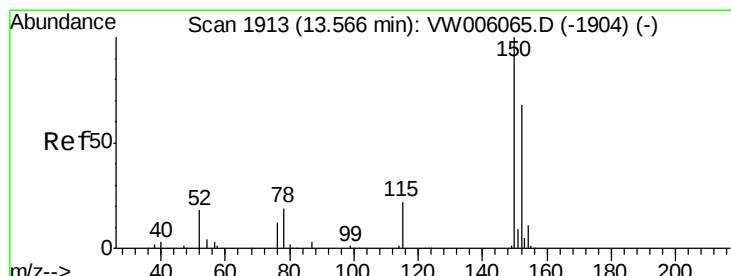
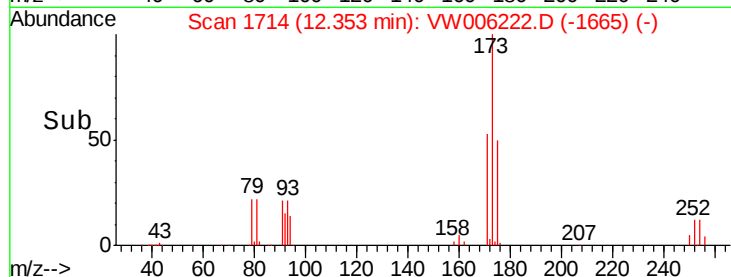
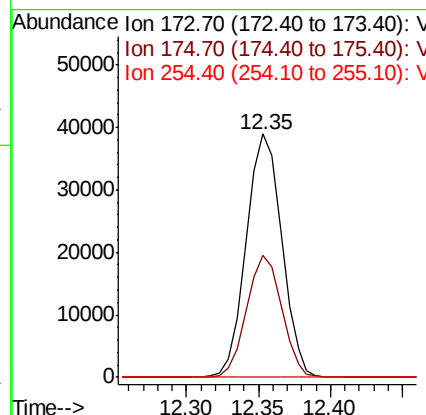
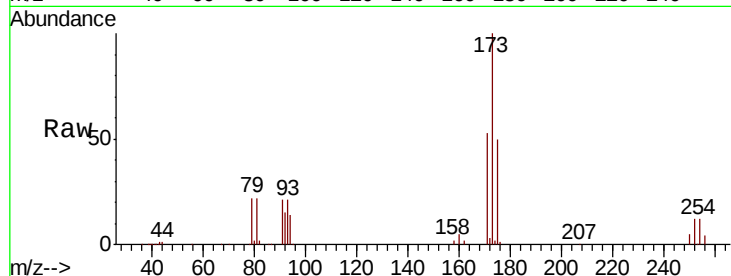
#71
Bromoform
Concen: 45.891 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.2	72.6
254	0.0	0.1	0.1#

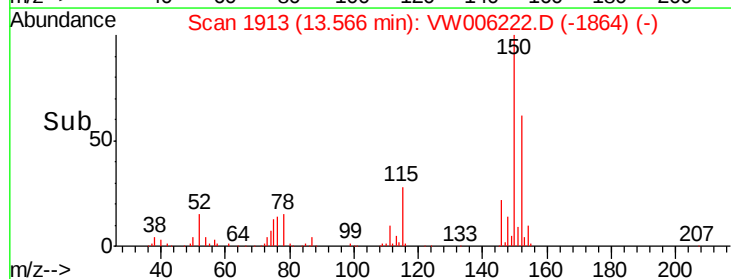
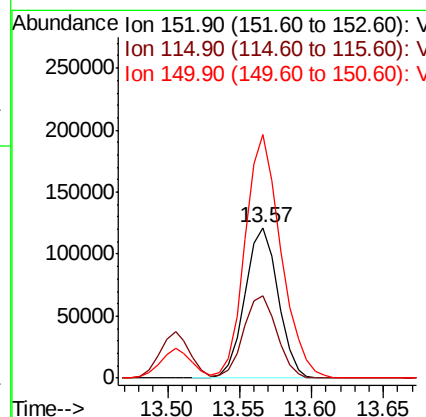
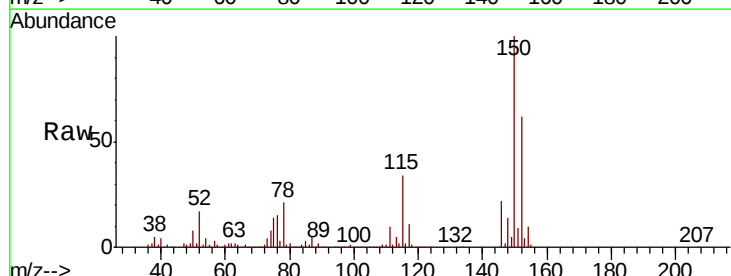
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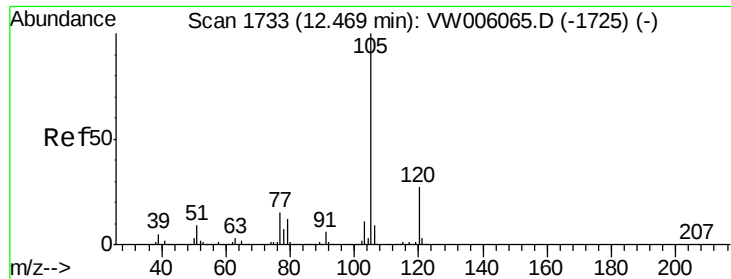
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.3
150	175.5	0.0	349.2





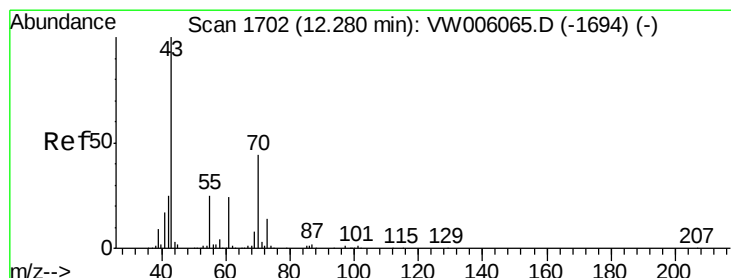
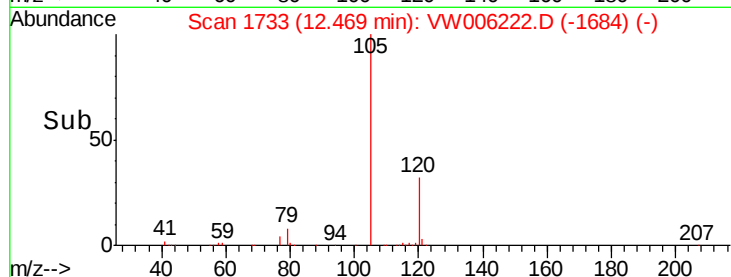
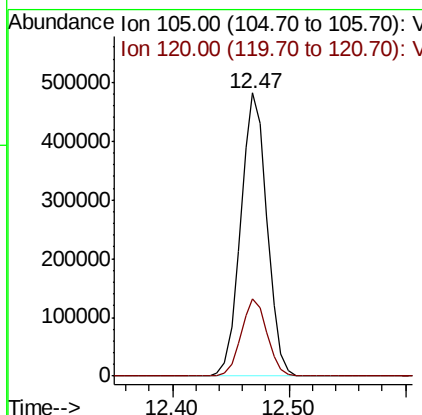
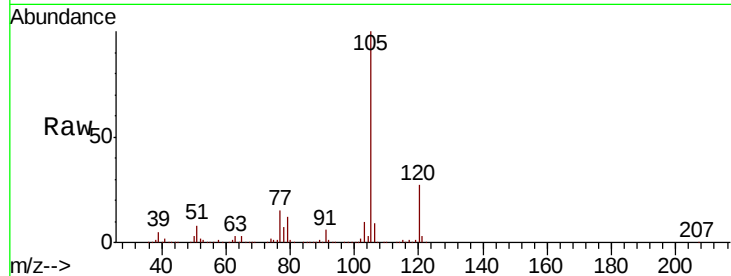
#73
Isopropylbenzene
Concen: 55.321 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.6	40.7

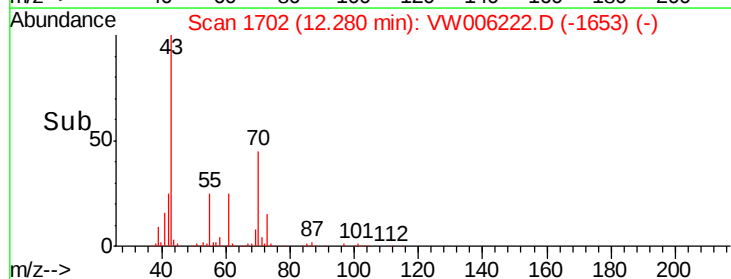
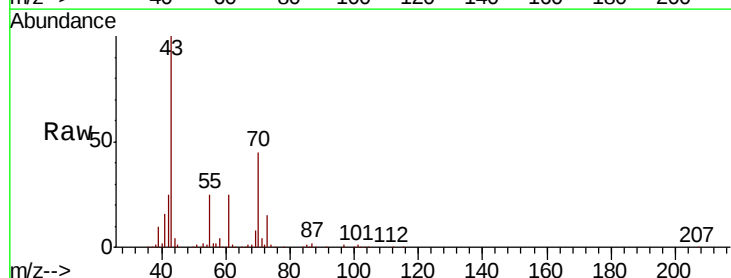
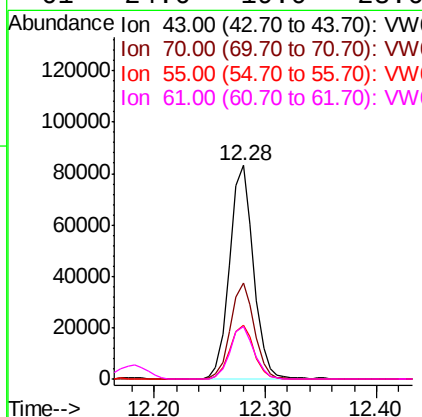
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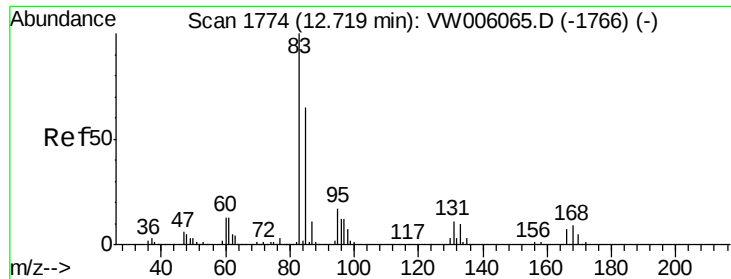
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#74
N-ethyl acetate
Concen: 46.625 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.1	34.2	51.4
55	25.4	19.2	28.8
61	24.6	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.516 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

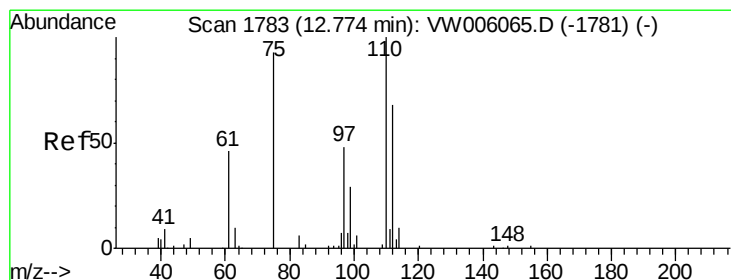
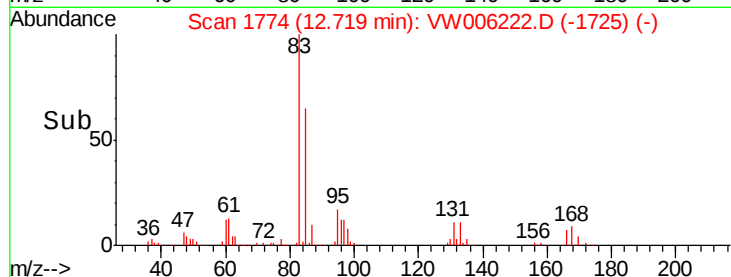
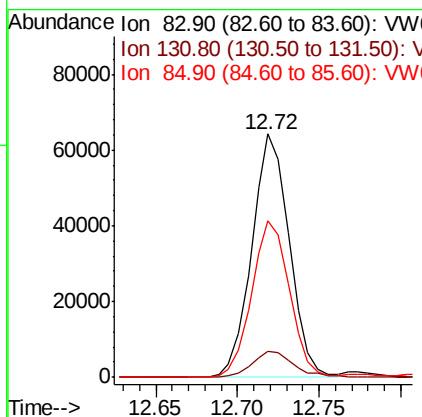
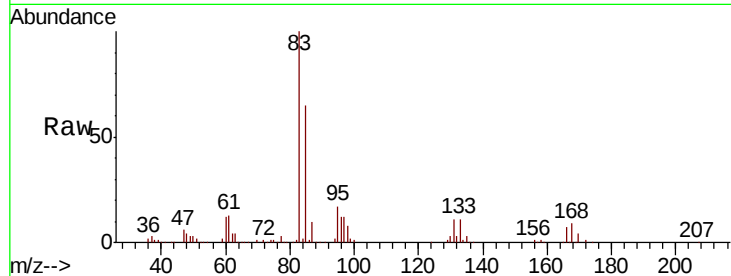
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	102566
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.9	17.7
85	65.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 46.905 ug/l m

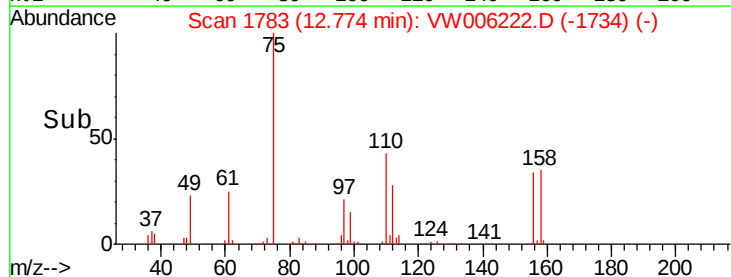
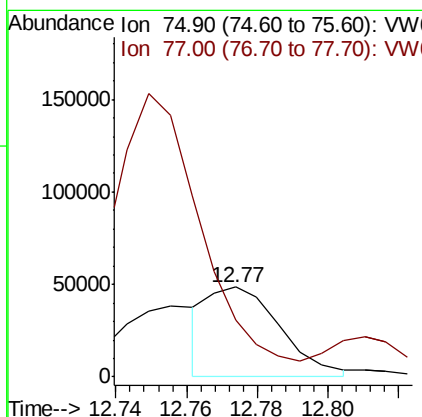
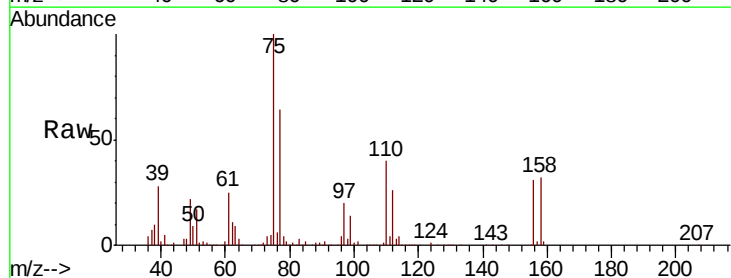
RT: 12.77 min Scan# 1783

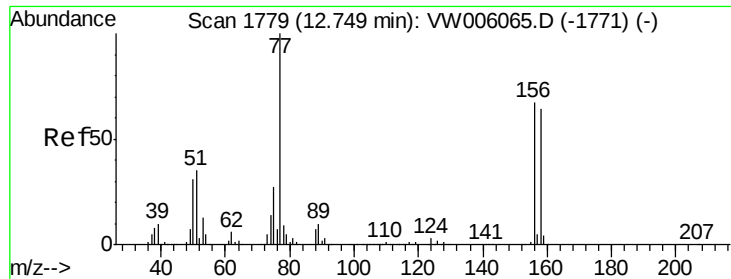
Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion:	75	Resp:	69064
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.269 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

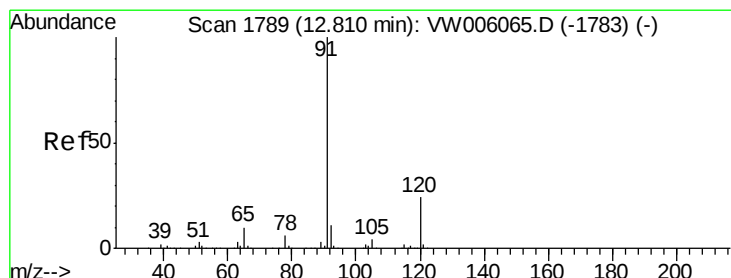
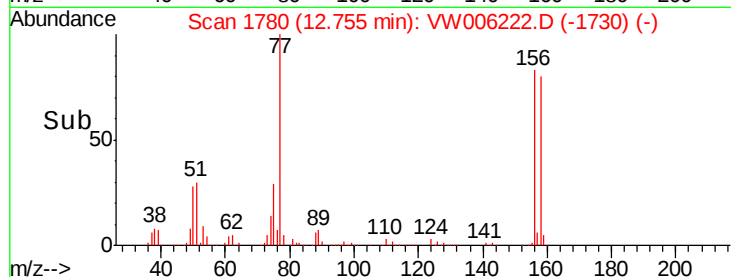
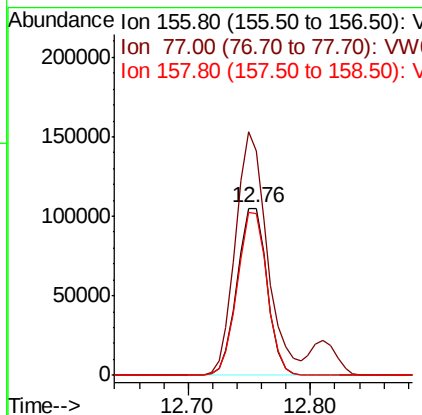
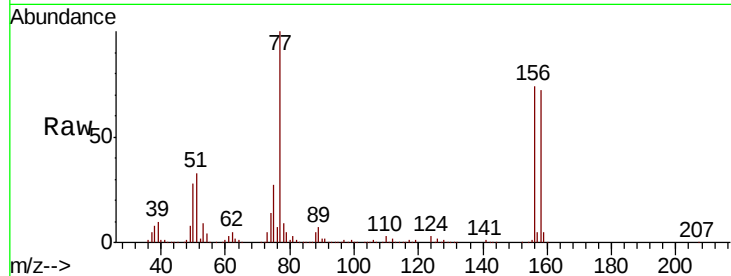
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		177690		
77	155.0	79.1	237.4		
158	97.0	48.5	145.6		

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#78

n-propylbenzene

Concen: 55.178 ug/l

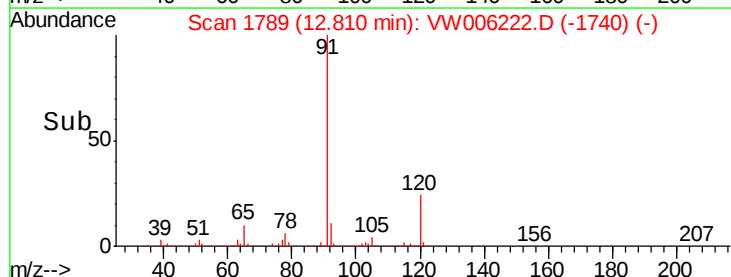
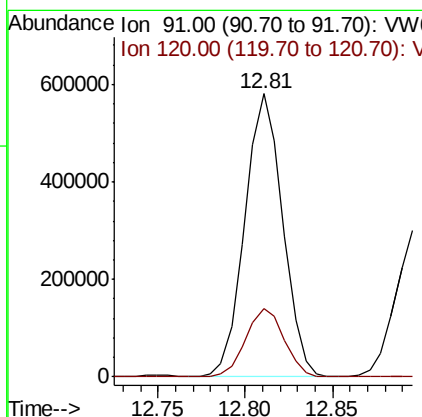
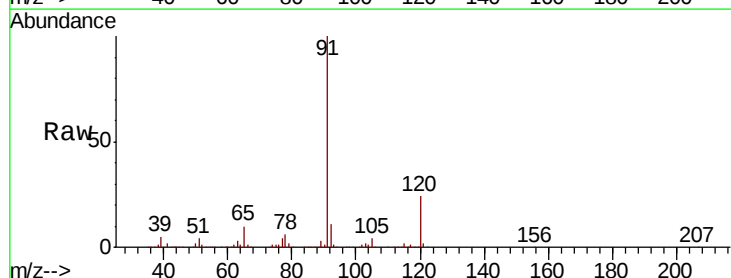
RT: 12.81 min Scan# 1789

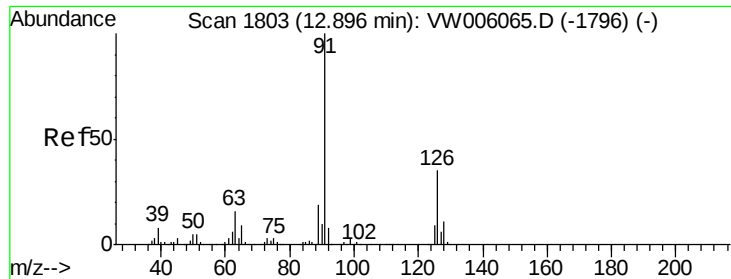
Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		874262		
120	24.5	12.2	36.6		





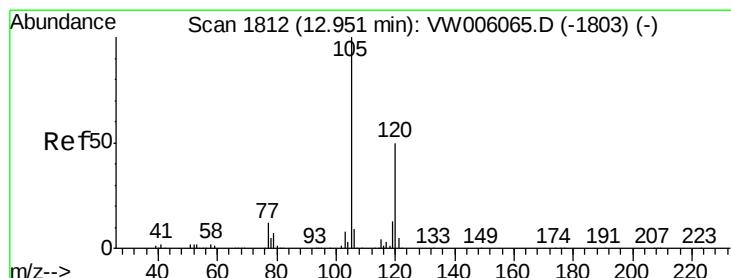
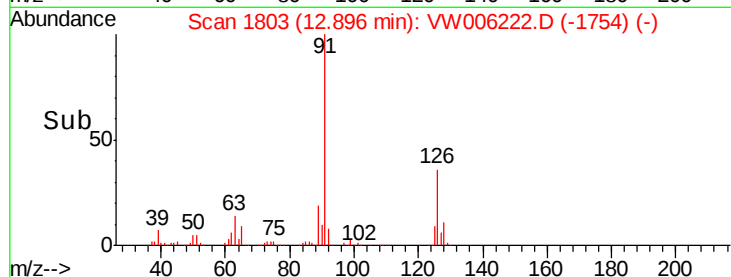
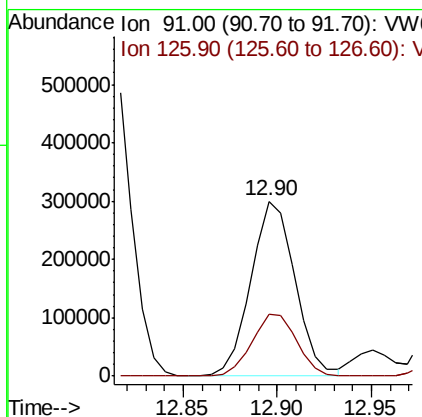
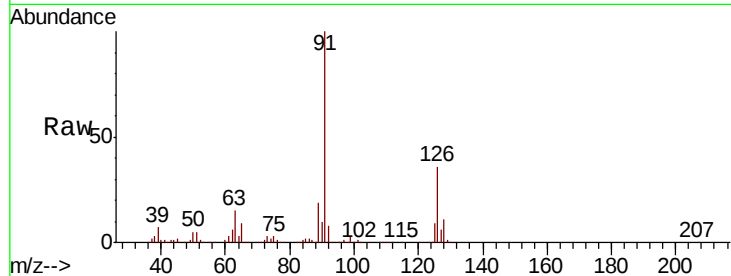
#79
 2-Chlorotoluene
 Concen: 54.888 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 488630
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.9 53.8

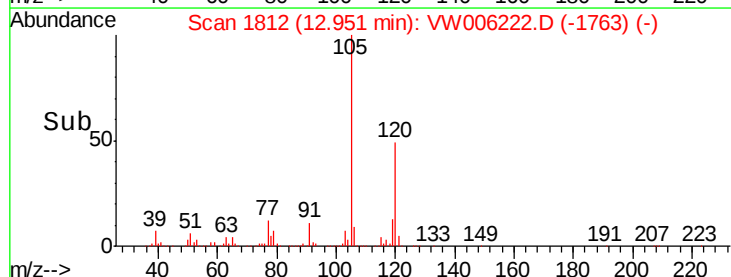
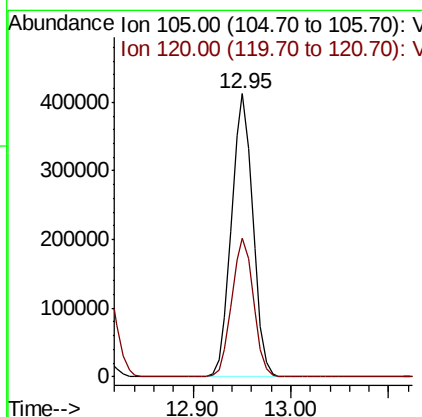
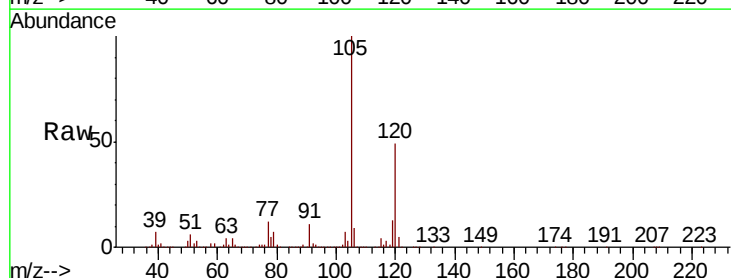
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.568 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion: 105 Resp: 626498
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 42.786 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

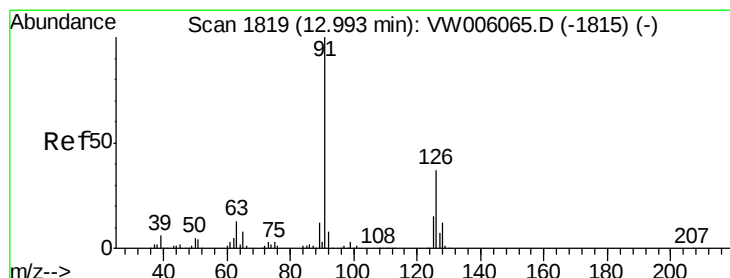
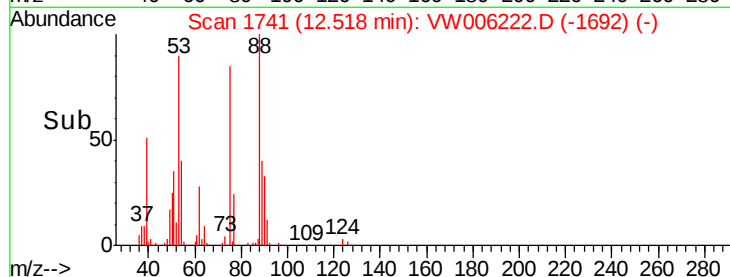
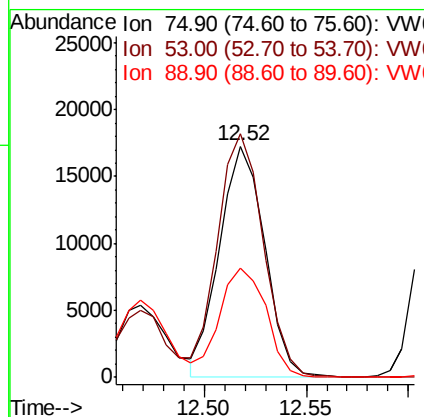
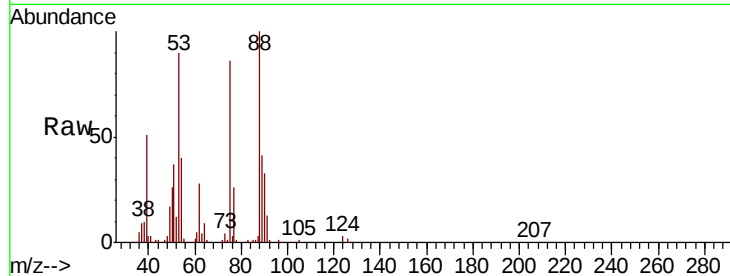
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	26355
Ion	Ratio	Lower	Upper
75	100		
53	109.6	79.8	119.6
89	49.1	37.5	56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 54.150 ug/l

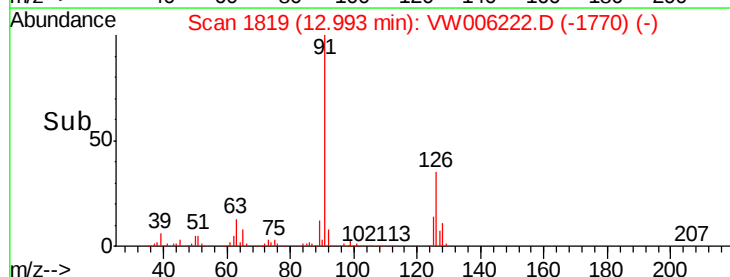
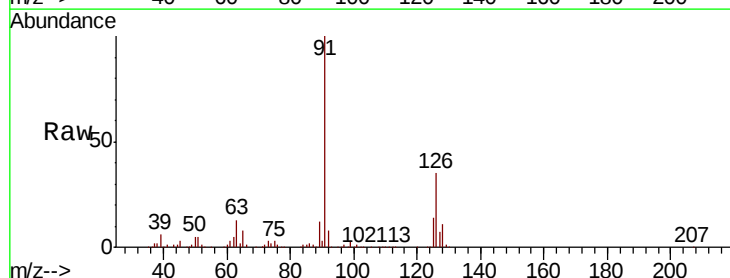
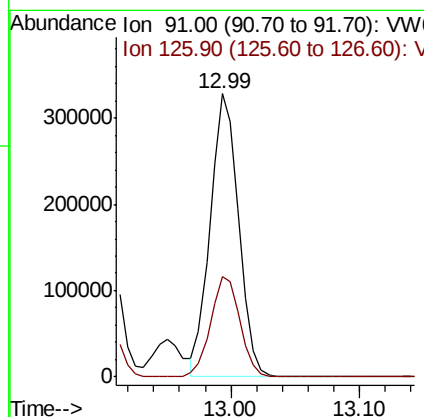
RT: 12.99 min Scan# 1819

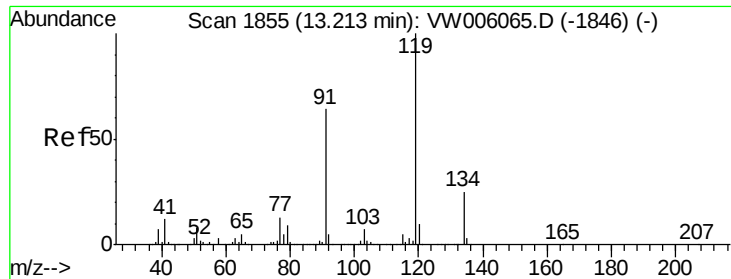
Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion:	91	Resp:	504979
Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.1	54.3





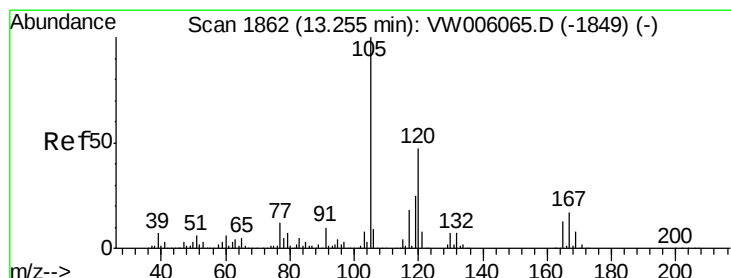
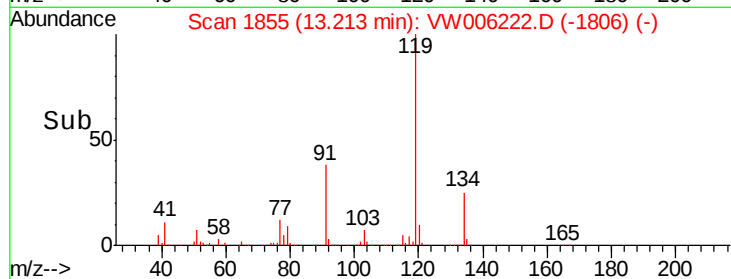
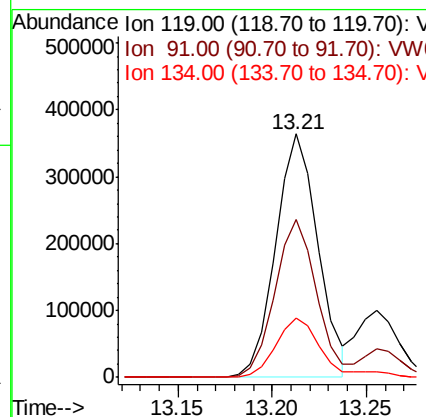
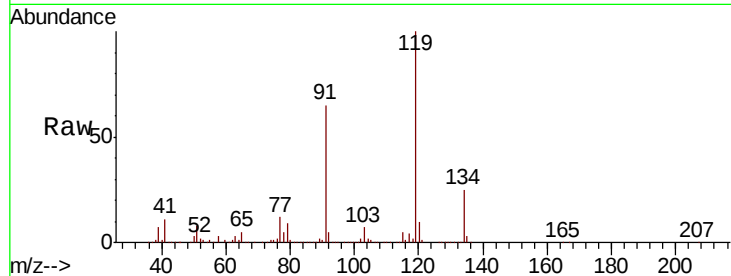
#83
tert-Butylbenzene
Concen: 55.094 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	32.3	96.9
134	24.9	13.6	40.8

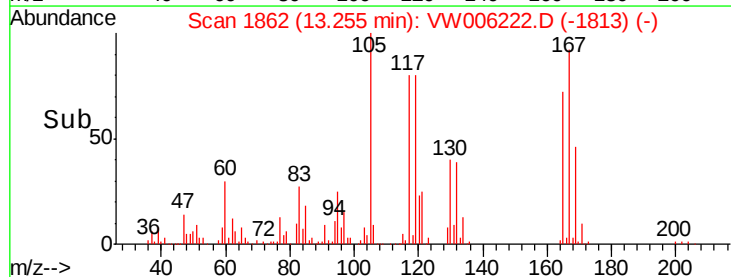
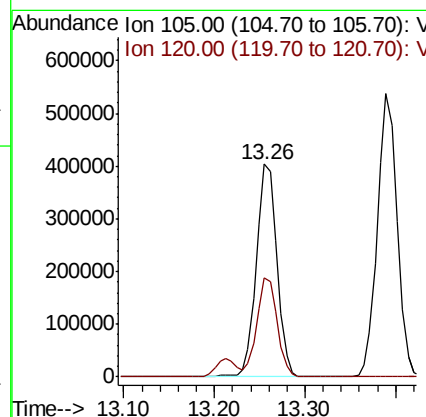
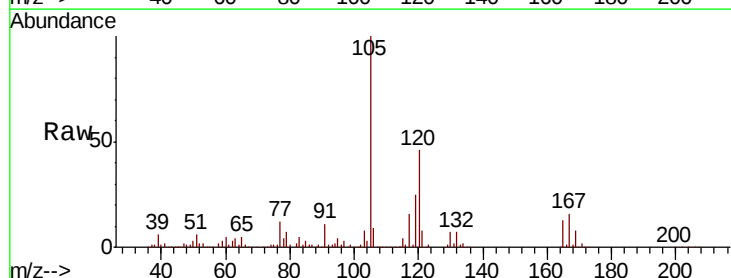
Manual Integrations
APPROVED

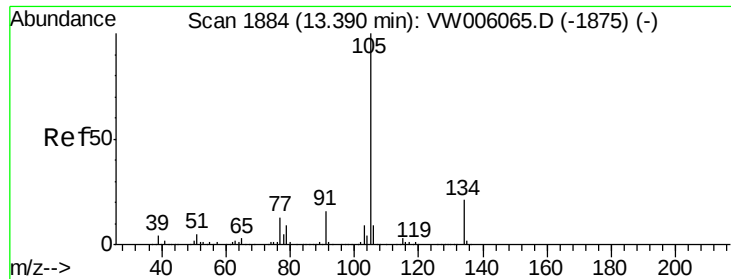
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#84
1,2,4-Trimethylbenzene
Concen: 54.807 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 55.873 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 810812

Ion Ratio Lower Upper

105 100

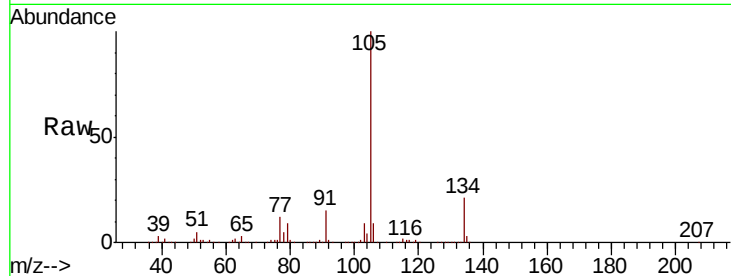
134 21.2 10.5 31.6

Manual Integrations

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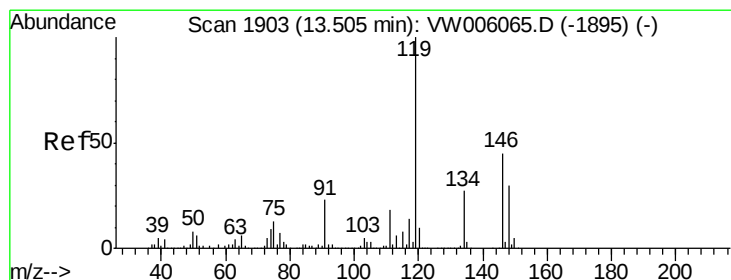
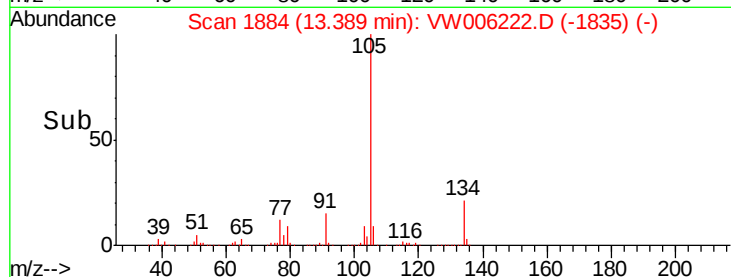
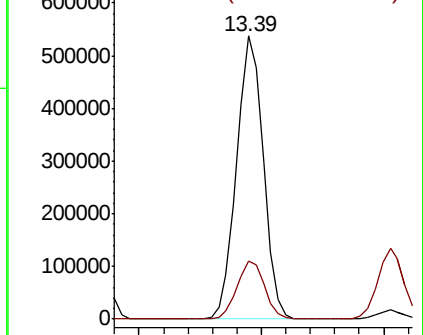
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.882 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

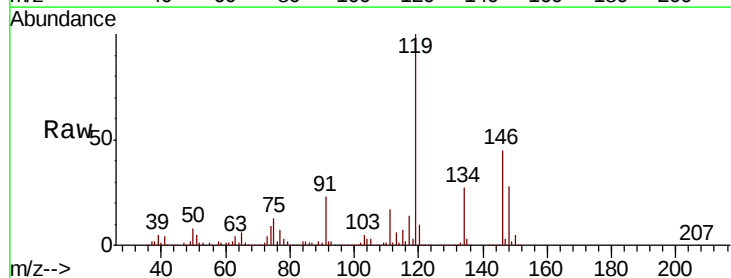
Tgt Ion:119 Resp: 733496

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

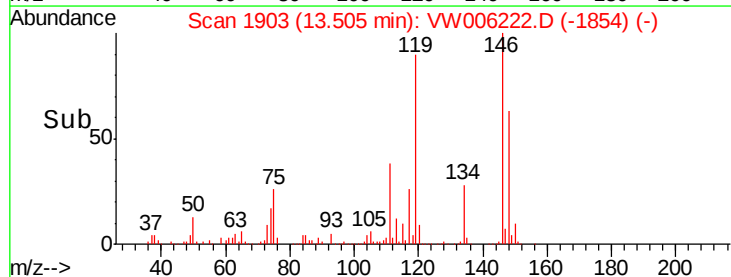
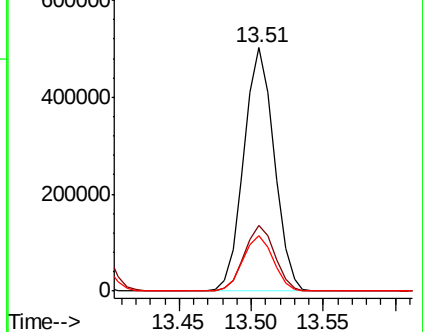
91 22.7 11.4 34.1

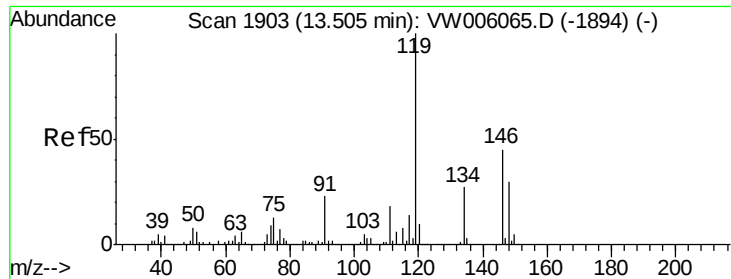


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 54.271 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006222.D

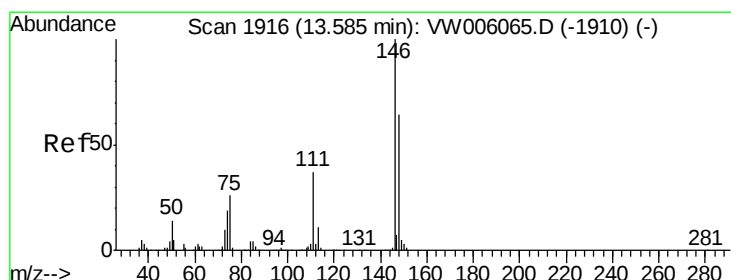
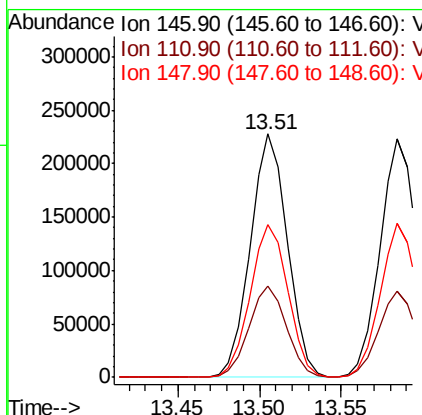
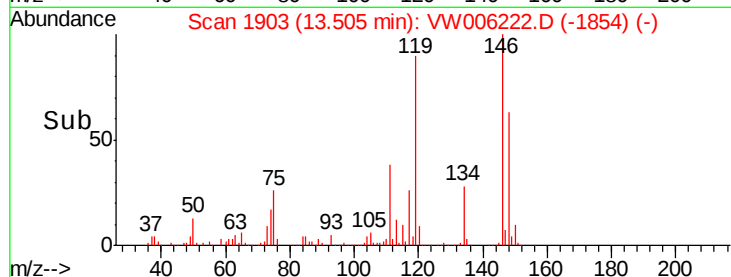
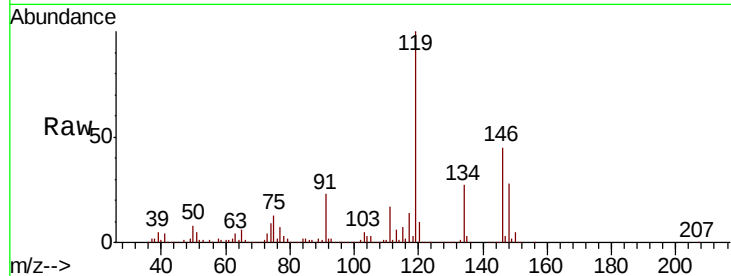
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.5
148	64.0	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 53.452 ug/l

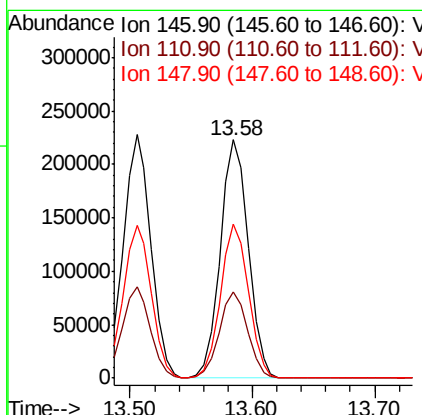
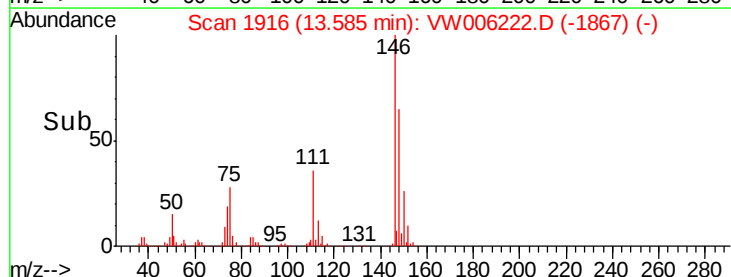
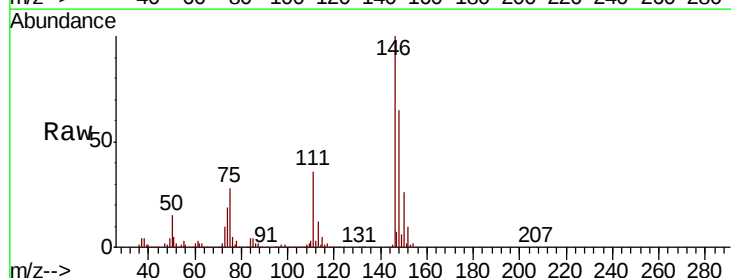
RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	56.0
148	64.7	32.1	96.5





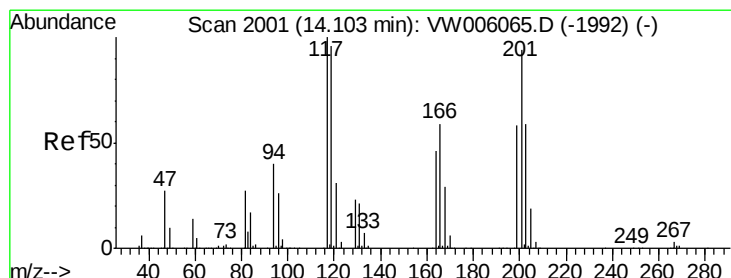
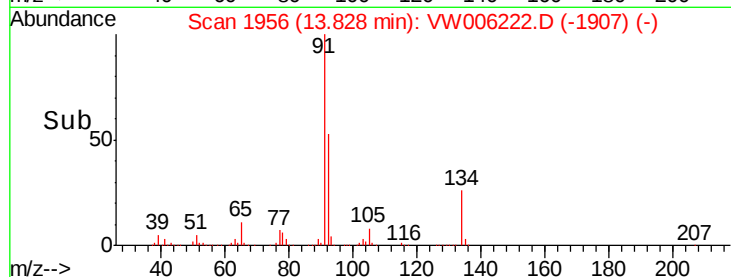
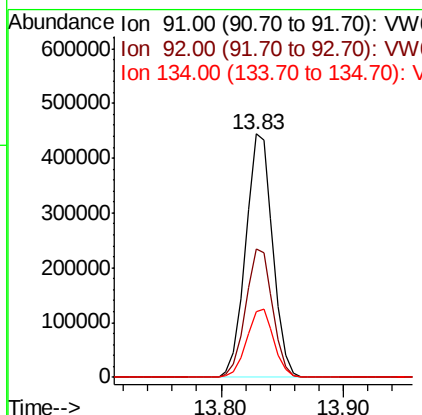
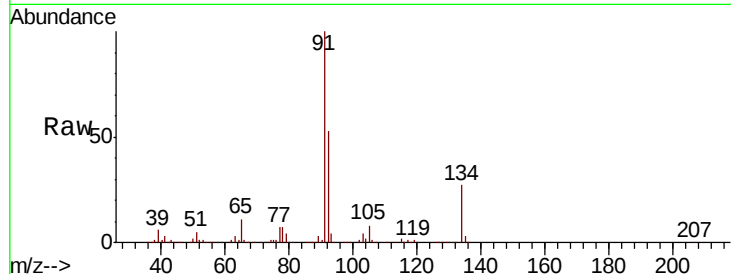
#89
n-Butylbenzene
Concen: 56.461 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.7
134	28.2	14.0	41.9

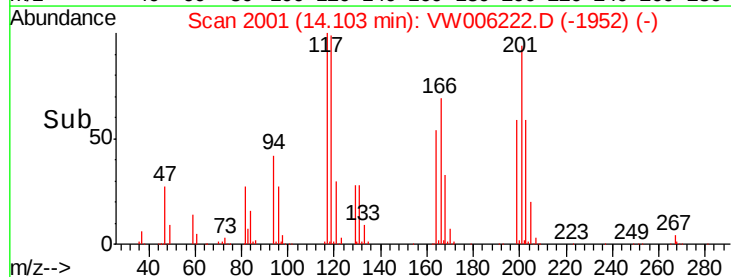
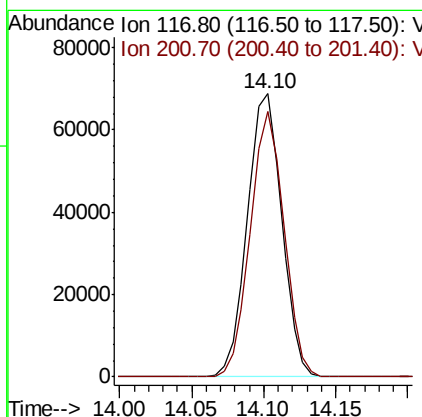
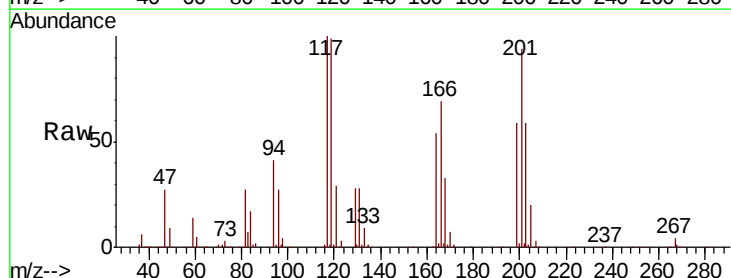
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#90
Hexachloroethane
Concen: 51.121 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.8	45.3	135.9





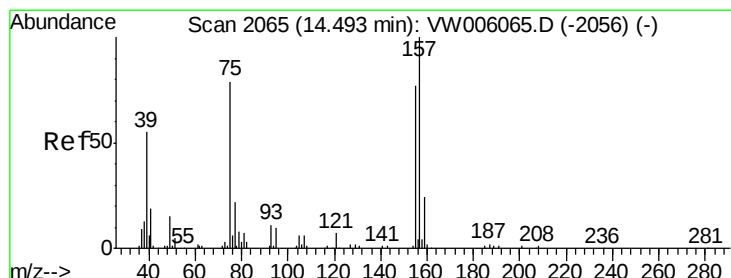
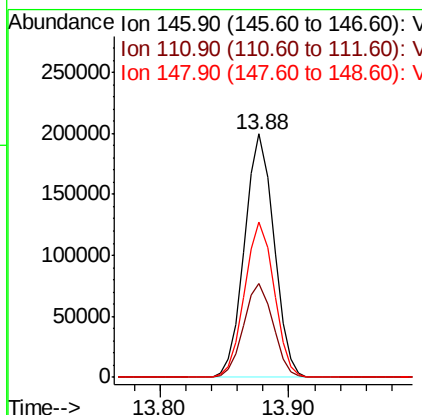
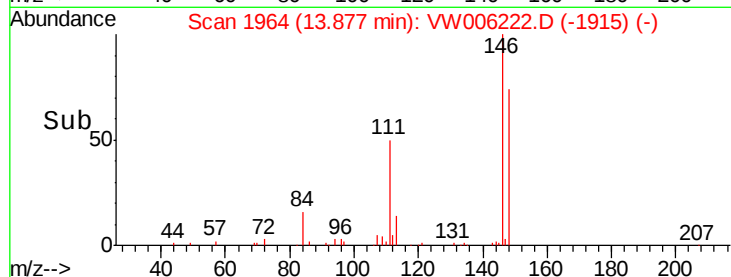
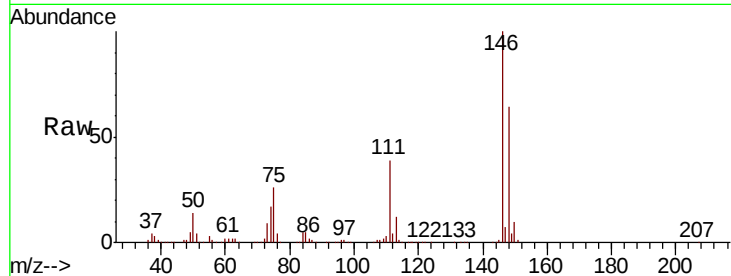
#91
 1,2-Dichlorobenzene
 Concen: 53.145 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.7
148	64.1	32.2	96.6

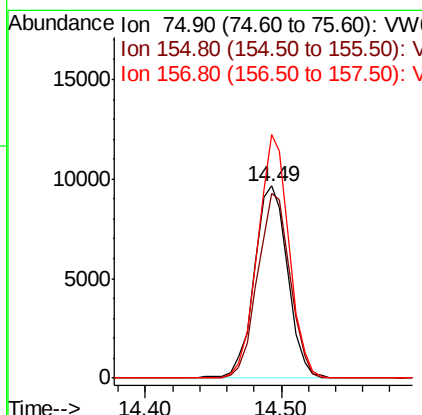
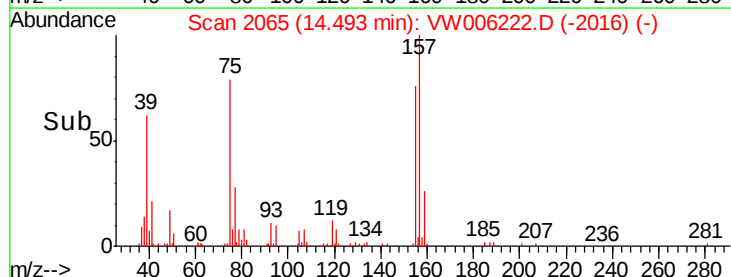
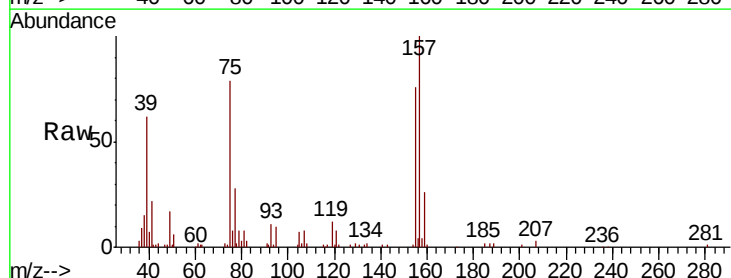
Manual Integrations
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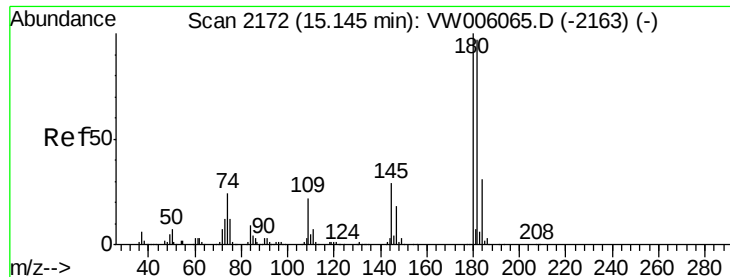
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.790 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	46.5	139.5
157	118.7	59.8	179.4





#93

1,2,4-Trichlorobenzene

Concen: 53.258 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

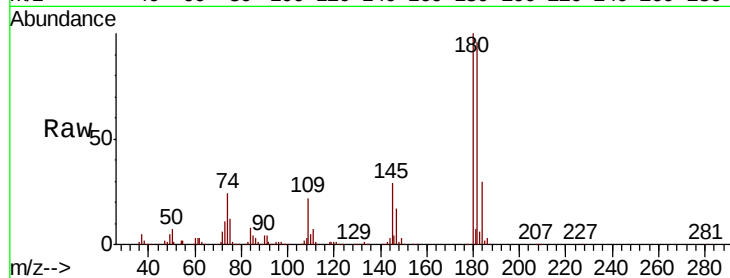
ClientSampleId :

VSTDCCC050

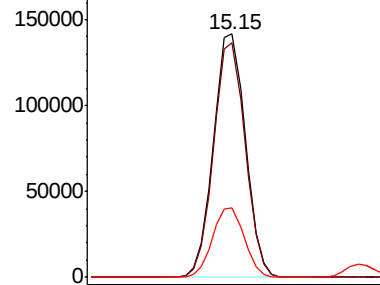
Tot Ion:	180	Resp:	242663
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.9	143.6
145	28.4	14.2	42.8

Manual Integrations
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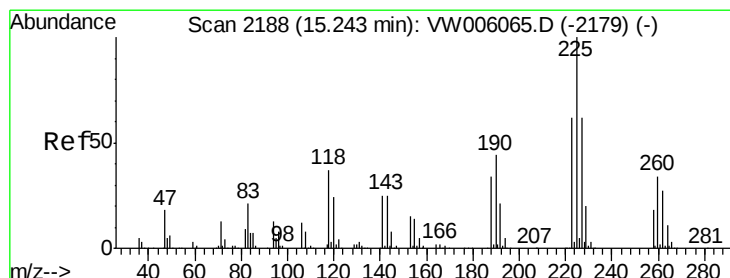
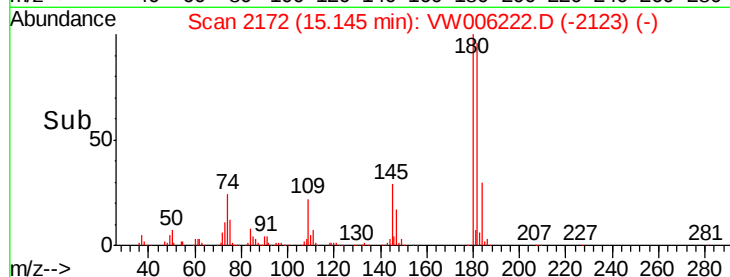
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



Time-->



#94

Hexachlorobutadiene

Concen: 55.378 ug/l

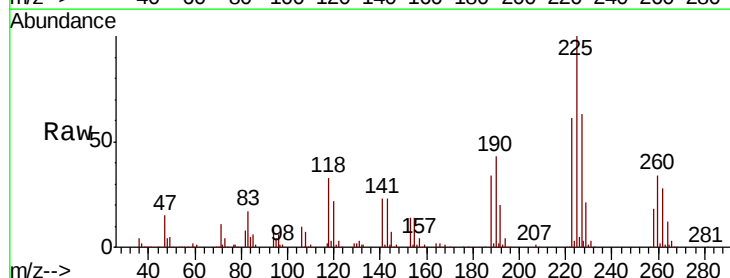
RT: 15.25 min Scan# 2189

Delta R.T. 0.01 min

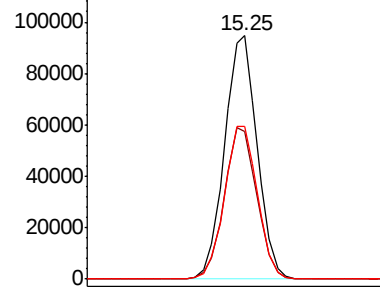
Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

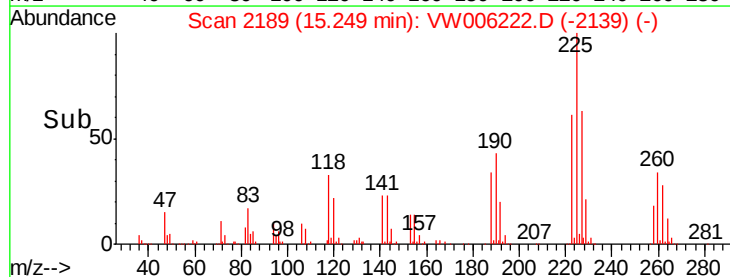
Tgt Ion:	225	Resp:	158507
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.1	93.5
227	63.8	32.4	97.0

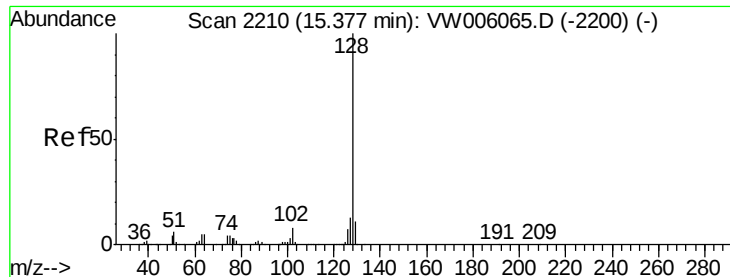


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 49.721 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

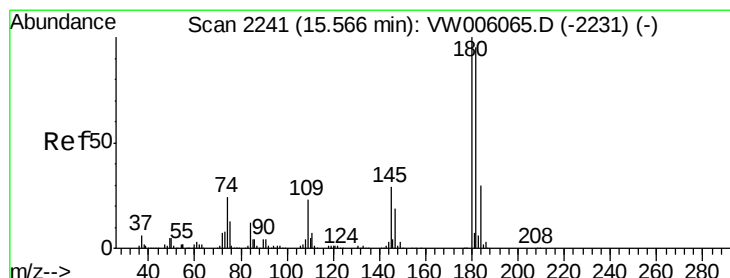
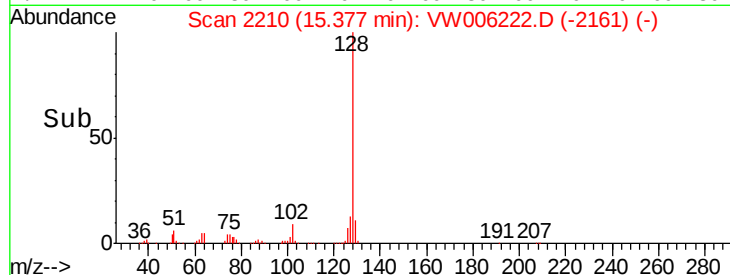
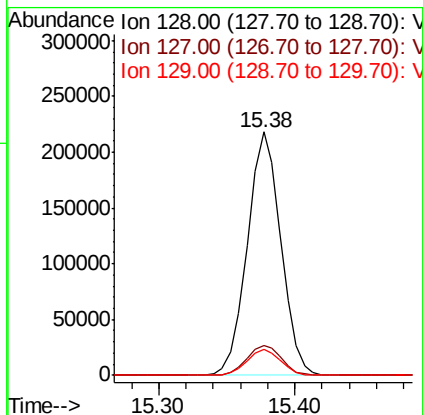
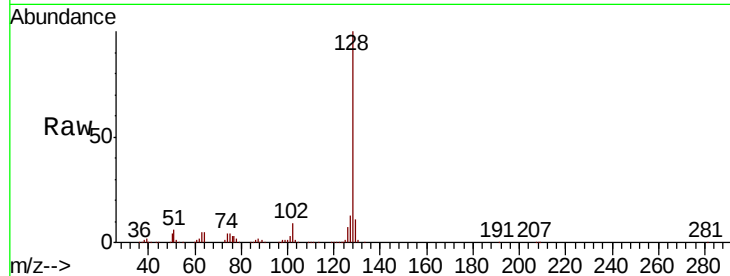
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		376865		
127	12.8		10.3	15.5	
129	10.8		8.7	13.1	

Manual Integrations
APPROVED

apatel
10/22/2018 12:17:36 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.212 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		205769		
182	94.6		47.8	143.3	
145	30.0		15.0	45.1	

