

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101518\
 Data File : VW006068.D
 Acq On : 15 Oct 2018 19:38
 Operator : VA/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
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apatel
 10/16/2018 10:34:14 AM

Quant Time: Oct 16 05:18:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 04:19:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	304246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	445490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225399	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	388452	134.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	268.90%	
35) Dibromofluoromethane	7.88	113	395152	140.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.32%	
50) Toluene-d8	10.33	98	1511870	140.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.70%	
62) 4-Bromofluorobenzene	12.62	95	567697	138.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	252351	167.948	ug/l	99
3) Chloromethane	2.22	50	309004	172.649	ug/l	100
4) Vinyl Chloride	2.37	62	414869	149.448	ug/l	100
5) Bromomethane	2.79	94	386944	173.874	ug/l	99
6) Chloroethane	2.92	64	313789	174.032	ug/l	98
7) Trichlorofluoromethane	3.26	101	418249	184.819	ug/l	98
8) Diethyl Ether	3.68	74	194597	141.262	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	393884	142.249	ug/l	99
10) Methyl Iodide	4.27	142	688931	151.563	ug/l	100
11) Tert butyl alcohol	5.23	59	127594	610.884	ug/l	100
12) 1,1-Dichloroethene	4.03	96	376905	142.480	ug/l	94
13) Acrolein	3.90	56	113189	596.399	ug/l	98
14) Allyl chloride	4.67	41	553827	125.131	ug/l	99
15) Acrylonitrile	5.38	53	384511	667.955	ug/l	99
16) Acetone	4.15	43	347808	614.961	ug/l	99
17) Carbon Disulfide	4.37	76	1166359	145.888	ug/l	100
18) Methyl Acetate	4.68	43	197451	136.274	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	584601	142.215	ug/l	96
20) Methylene Chloride	4.91	84	393568	134.095	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	424783	146.897	ug/l	98
22) Diisopropyl ether	6.31	45	1122103	134.829	ug/l	98
23) Vinyl Acetate	6.26	43	3394846	667.911	ug/l	100
24) 1,1-Dichloroethane	6.22	63	705446	137.426	ug/l	99
25) 2-Butanone	7.18	43	512382	633.242	ug/l	100
26) 2,2-Dichloropropane	7.17	77	451857	125.848	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	475672	145.739	ug/l	99
28) Bromochloromethane	7.51	49	298351	153.537	ug/l	99
29) Tetrahydrofuran	7.54	42	328536	641.835	ug/l	99
30) Chloroform	7.68	83	774390	145.901	ug/l	98
31) Cyclohexane	7.96	56	633192	125.009	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	688422	145.402	ug/l	100
36) 1,1-Dichloropropene	8.09	75	588996	139.774	ug/l	99
37) Ethyl Acetate	7.26	43	236628	135.089	ug/l	99
38) Carbon Tetrachloride	8.07	117	670485	147.613	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	788851	142.132	ug/l	98
40) Benzene	8.33	78	1660840	143.943	ug/l	100
41) Methacrylonitrile	7.49	41	151719	137.319	ug/l	98
42) 1,2-Dichloroethane	8.40	62	501877	144.025	ug/l	100
43) Isopropyl Acetate	8.43	43	498095	136.540	ug/l	98
44) Trichloroethene	9.10	130	506704	150.434	ug/l	98
45) 1,2-Dichloropropane	9.37	63	399682	139.023	ug/l	98
46) Dibromomethane	9.46	93	235641	148.218	ug/l	99
47) Bromodichloromethane	9.65	83	582104	146.034	ug/l	100
48) Methyl methacrylate	9.44	41	240023	137.749	ug/l	99
49) 1,4-Dioxane	9.48	88	72628	2991.949	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1227782	687.938	ug/l	99
52) Toluene	10.39	92	1142445	150.133	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	605286	146.536	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	673265	144.429	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	333252	150.916	ug/l	98
56) Ethyl methacrylate	10.65	69	431621	147.109	ug/l	98
57) 1,3-Dichloropropane	10.94	76	543477	146.813	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	760103	642.175	ug/l	99
59) 2-Hexanone	10.98	43	865085	679.683	ug/l	99
60) Dibromochloromethane	11.13	129	439675	154.910	ug/l	100
61) 1,2-Dibromoethane	11.24	107	335992	152.141	ug/l	99
64) Tetrachloroethene	10.87	164	474858	154.330	ug/l	99
65) Chlorobenzene	11.66	112	1293465	147.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	491233	152.595	ug/l	99
67) Ethyl Benzene	11.74	91	2212747	143.174	ug/l	99
68) m/p-Xylenes	11.85	106	1773994	292.857	ug/l	98
69) o-Xylene	12.17	106	857207	147.682	ug/l	98
70) Styrene	12.19	104	1421231	147.869	ug/l	100
71) Bromoform	12.35	173	292723	153.702	ug/l #	100
73) Isopropylbenzene	12.47	105	2384680	146.753	ug/l	99
74) N-amyl acetate	12.28	43	501482	133.236	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	378508	143.002	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	249121m	128.259	ug/l	
77) Bromobenzene	12.75	156	585617	151.242	ug/l	99
78) n-propylbenzene	12.81	91	2689526	140.822	ug/l	100
79) 2-Chlorotoluene	12.90	91	1532646	141.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1974334	143.717	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	124754	136.375	ug/l	97
82) 4-Chlorotoluene	12.99	91	1604032	141.809	ug/l	99
83) tert-Butylbenzene	13.21	119	1776702	145.585	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1985880	143.456	ug/l	100
85) sec-Butylbenzene	13.39	105	2454359	143.160	ug/l	100
86) p-Isopropyltoluene	13.51	119	2224218	144.050	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1137588	148.068	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1113743	145.897	ug/l	100
89) n-Butylbenzene	13.83	91	1994333	137.902	ug/l	99
90) Hexachloroethane	14.10	117	403477	140.461	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	1019657	149.212	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	68412	139.717	ug/l	97

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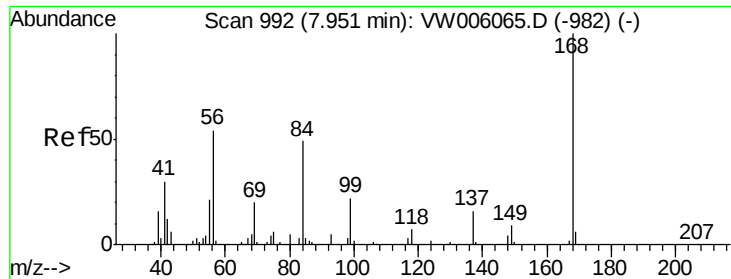
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	770618	146.469	ug/l	100
94) Hexachlorobutadiene	15.24	225	480983	146.383	ug/l	100
95) Naphthalene	15.38	128	1359518	150.373	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	686173	150.565	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: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 304246

Ion Ratio Lower Upper

168 100

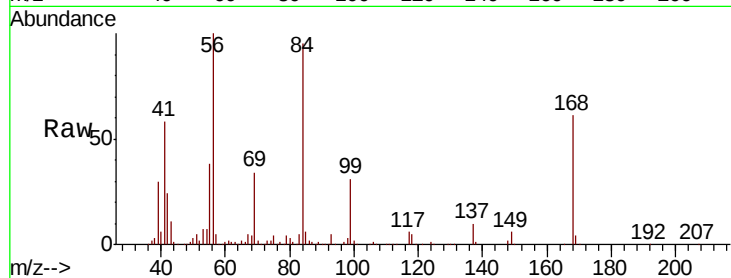
99 50.4 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

200000

150000

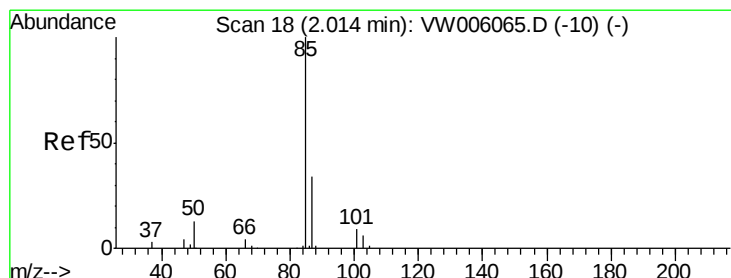
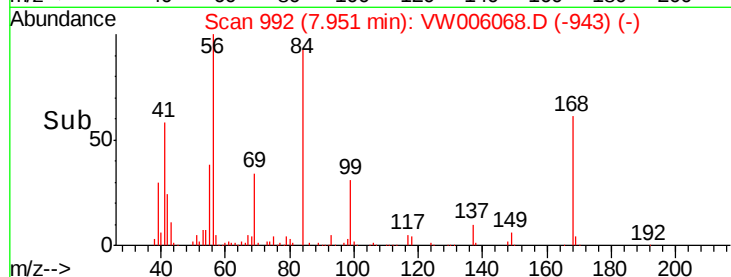
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50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 167.948 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006068.D

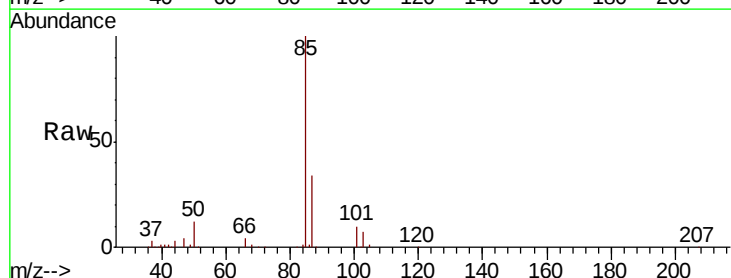
Acq: 15 Oct 2018 19:38

Tgt Ion: 85 Resp: 252351

Ion Ratio Lower Upper

85 100

87 34.2 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

60000

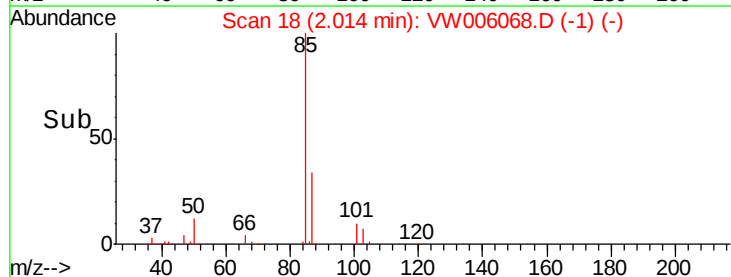
40000

20000

0

1.80 2.00 2.20

Time-->





#3

Chloromethane

Concen: 172.649 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 309004

Ion Ratio Lower Upper

50 100

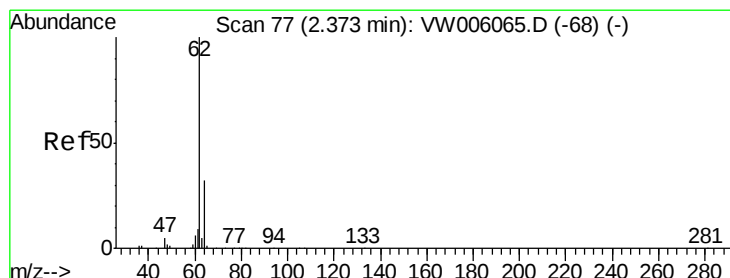
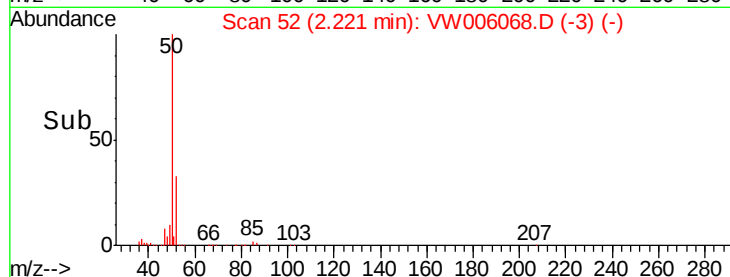
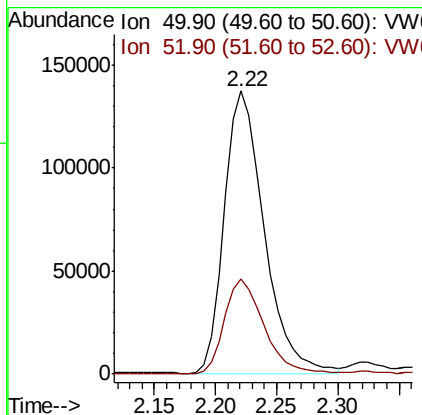
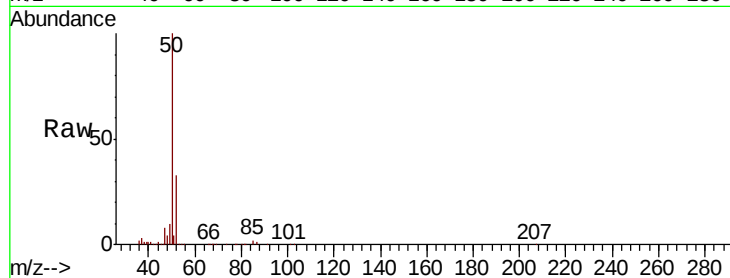
52 33.6 26.8 40.2

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#4

Vinyl Chloride

Concen: 149.448 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW006068.D

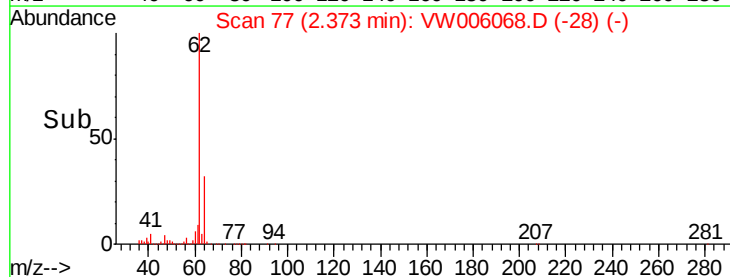
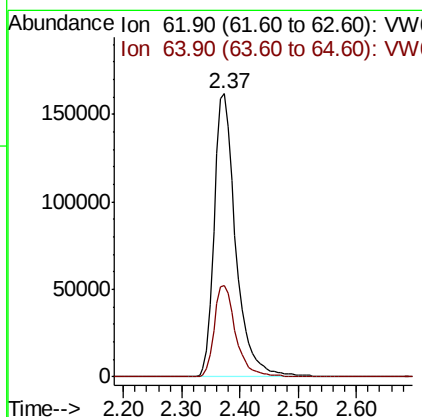
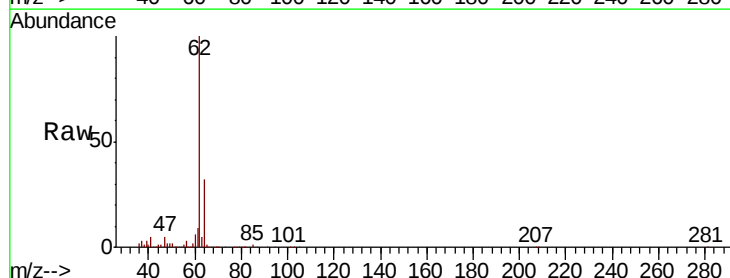
Acq: 15 Oct 2018 19:38

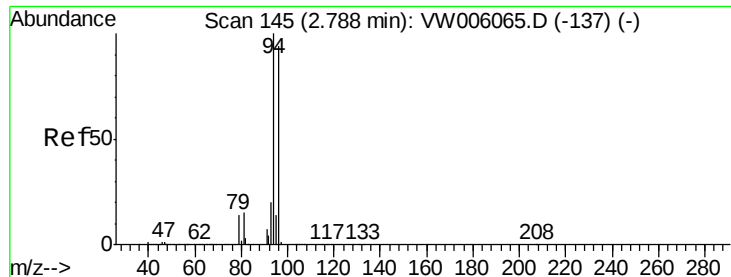
Tgt Ion: 62 Resp: 414869

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9





#5

Bromomethane

Concen: 173.874 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 386944

Ion Ratio Lower Upper

94 100

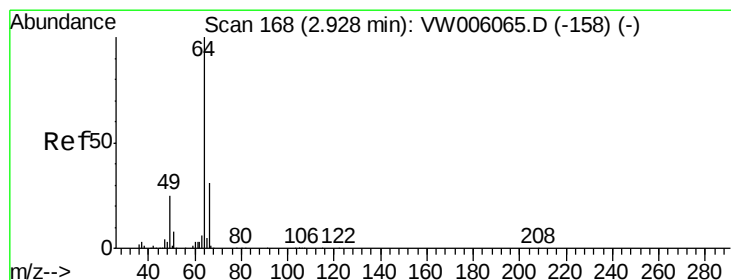
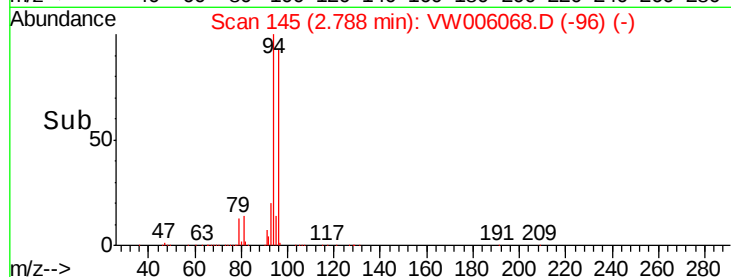
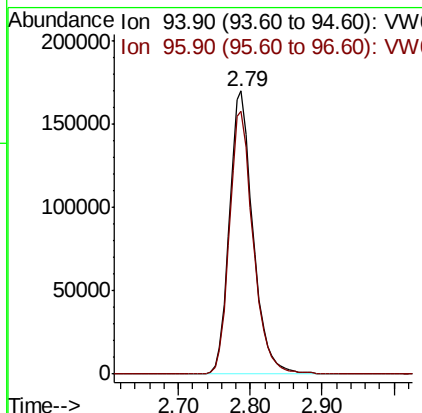
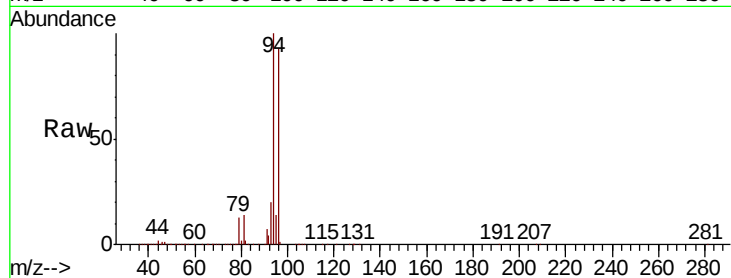
96 92.7 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 174.032 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006068.D

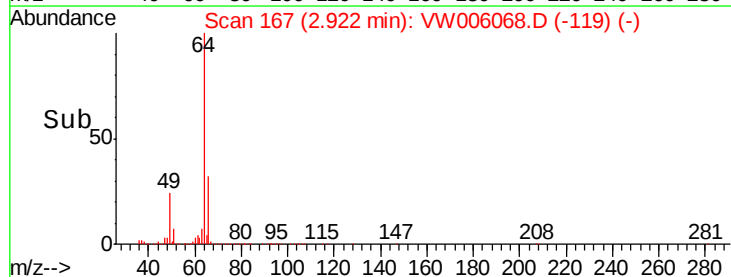
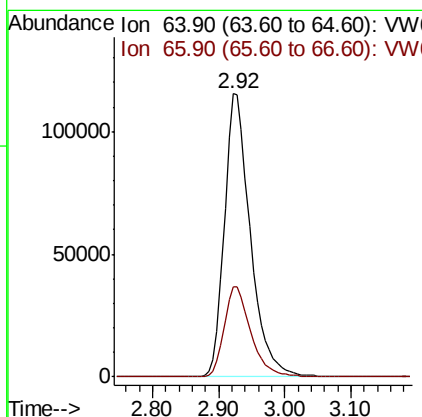
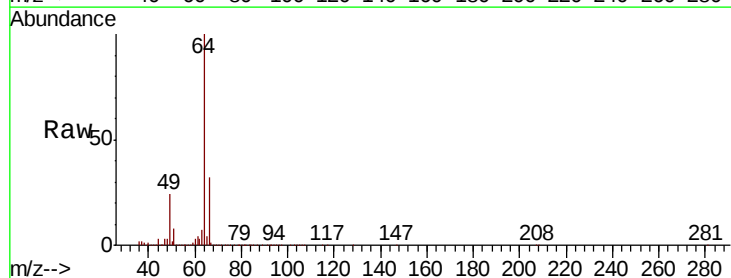
Acq: 15 Oct 2018 19:38

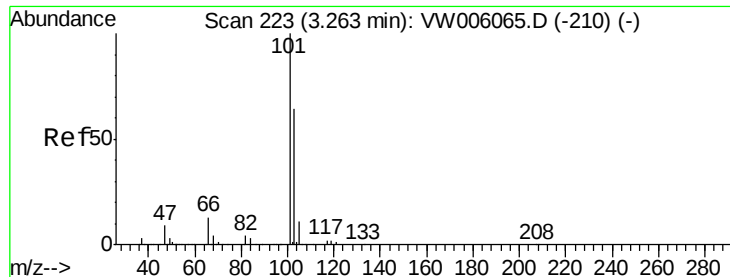
Tgt Ion: 64 Resp: 313789

Ion Ratio Lower Upper

64 100

66 32.0 24.9 37.3





#7

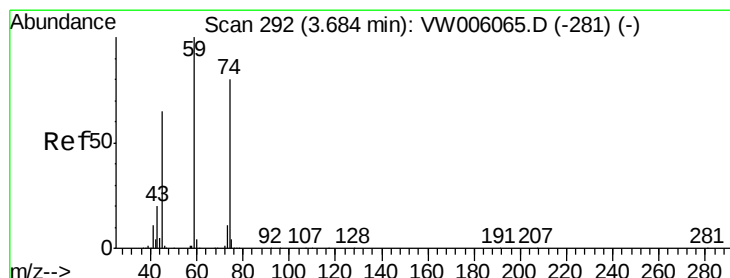
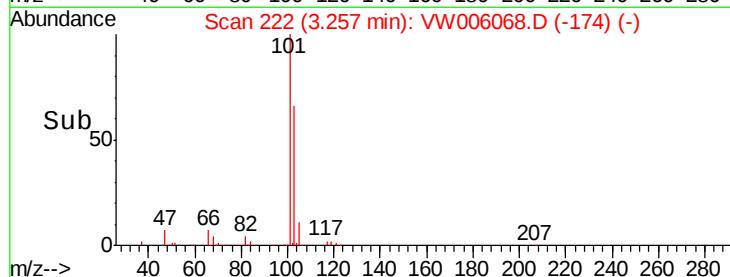
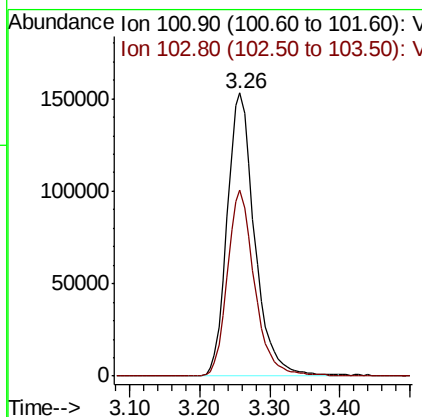
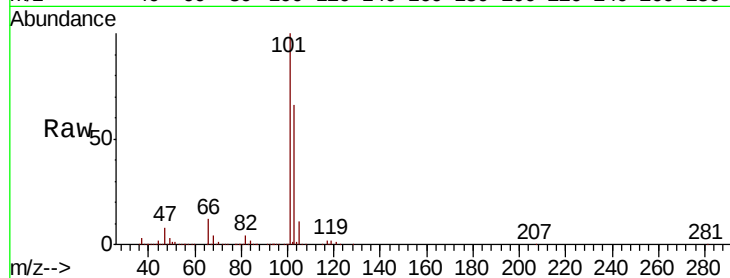
Trichlorofluoromethane
 Concen: 184.819 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006068.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
418249	101	100			
	103	65.7	51.2	76.8	

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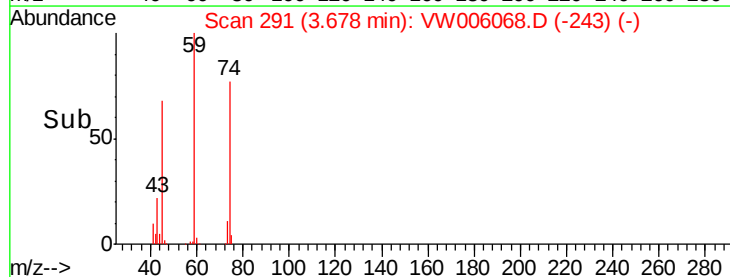
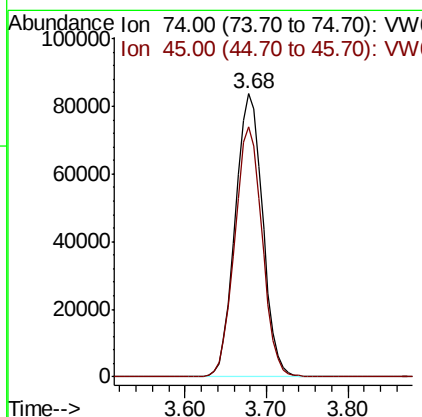
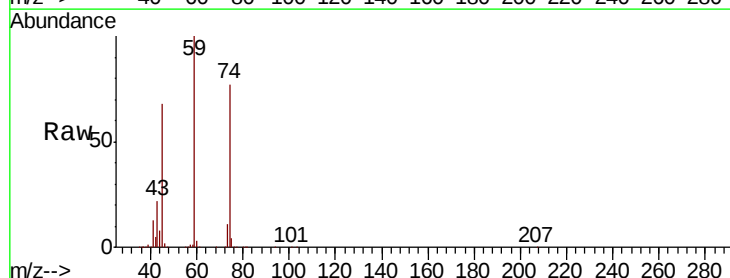
apatel
 10/16/2018 10:34:14 AM



#8

Diethyl Ether
 Concen: 141.262 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
194597	74	100			
	45	87.6	42.8	128.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.249 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

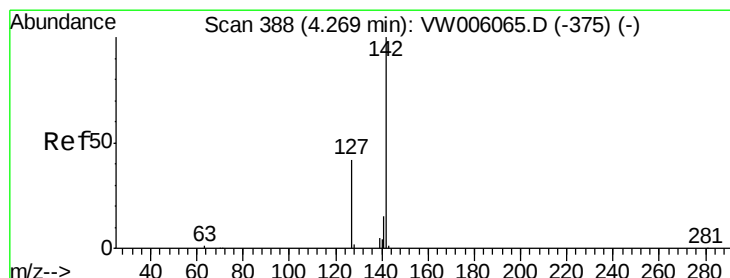
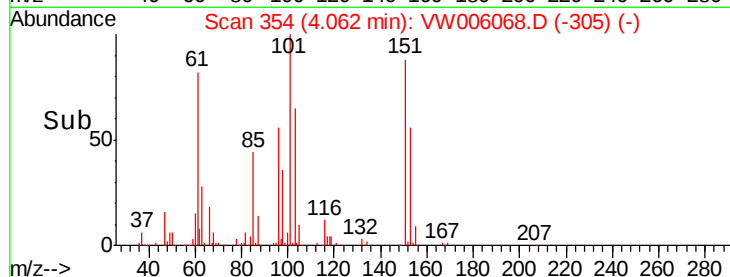
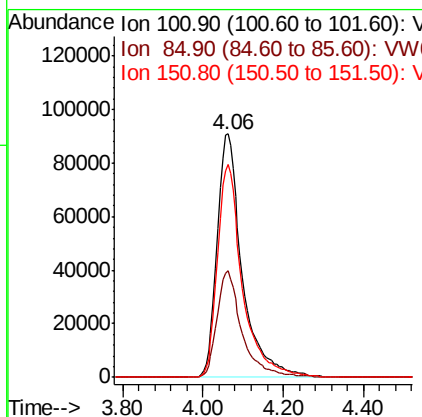
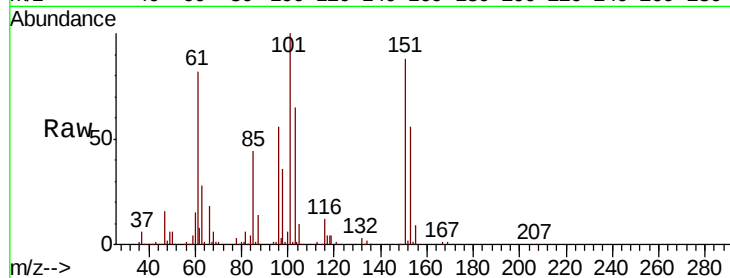
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	393884
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	87.1	70.4	105.6

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#10

Methyl Iodide

Concen: 151.563 ug/l

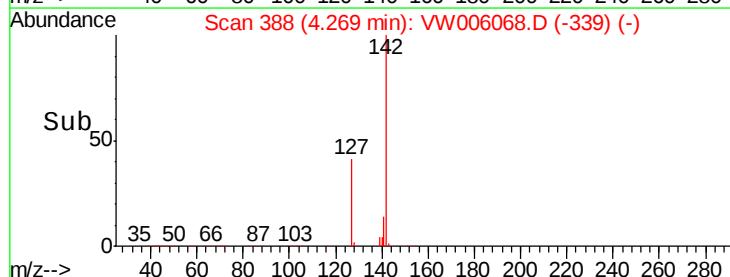
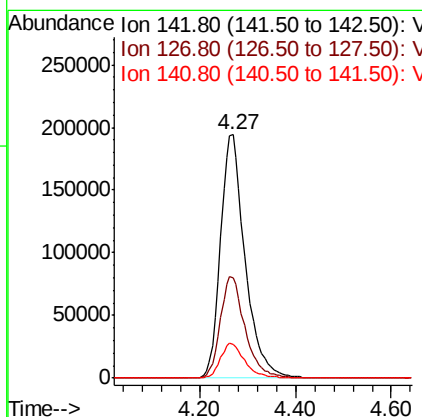
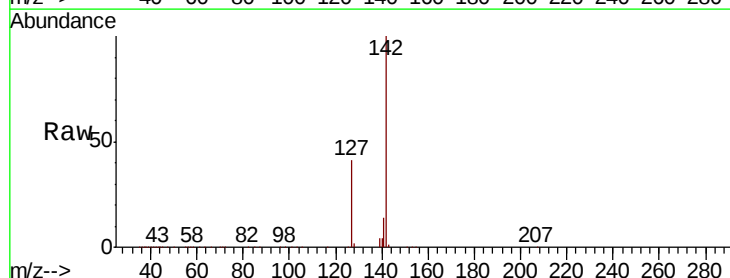
RT: 4.27 min Scan# 388

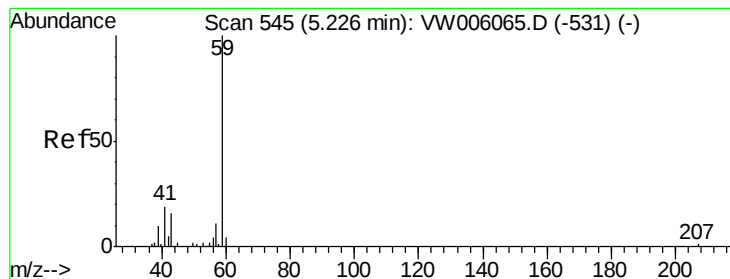
Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Tgt Ion:	142	Resp:	688931
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.6	50.4
141	14.3	11.6	17.4





#11

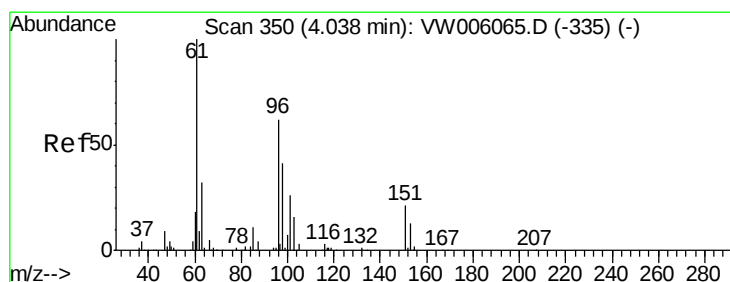
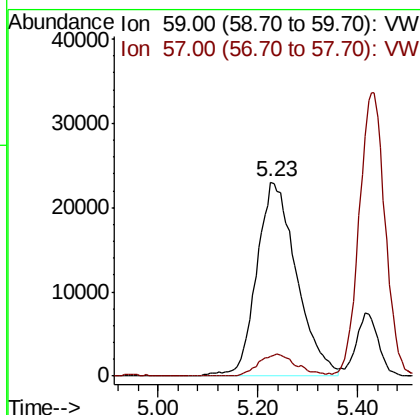
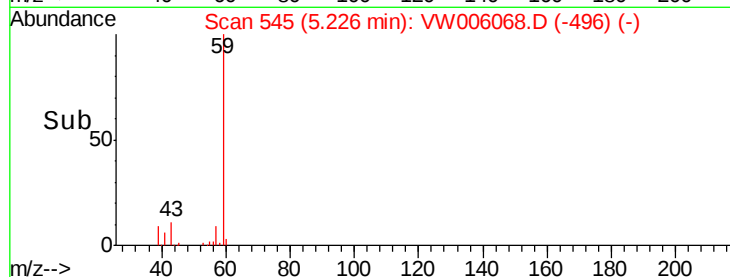
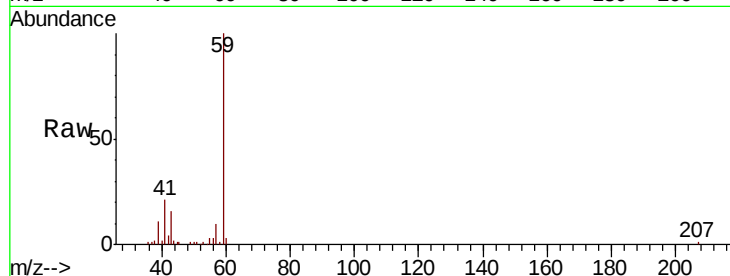
Tert butyl alcohol
Concen: 610.884 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	59	57	Ratio	100	10.8	Resp	127594	Lower	8.7	Upper	13.1
Ion	59	57	Ratio	100	10.8	Resp	127594	Lower	8.7	Upper	13.1

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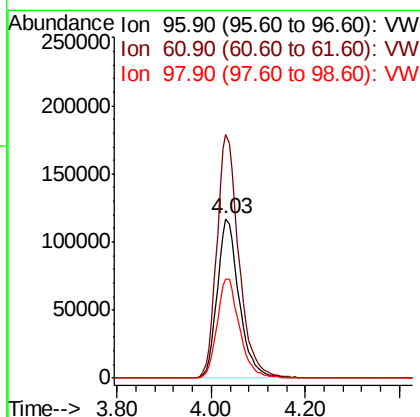
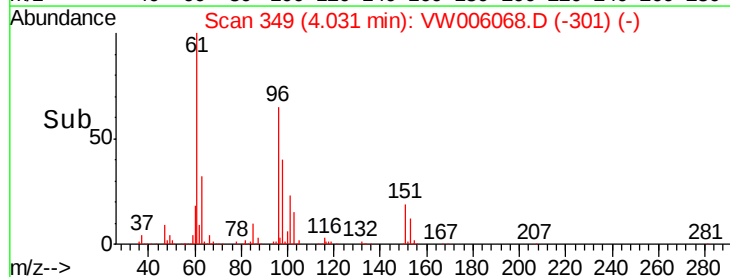
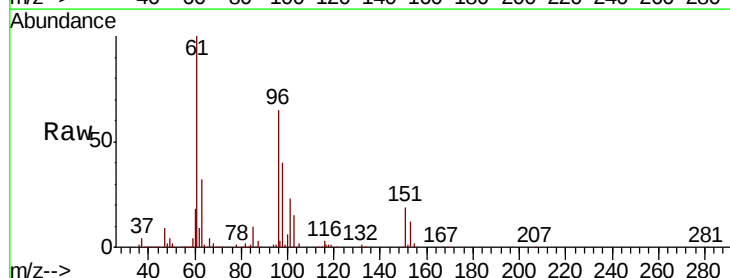
apatel
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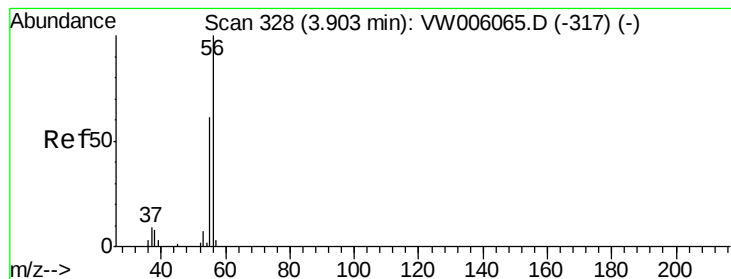


#12

1,1-Dichloroethene
Concen: 142.480 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	96	61	98	Ratio	100	152.7	61.8	Resp	376905	Lower	129.3	53.1	Upper	193.9	79.7
Ion	96	61	98	Ratio	100	152.7	61.8	Resp	376905	Lower	129.3	53.1	Upper	193.9	79.7





#13

Acrolein

Concen: 596.399 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 113189

Ion Ratio Lower Upper

56 100

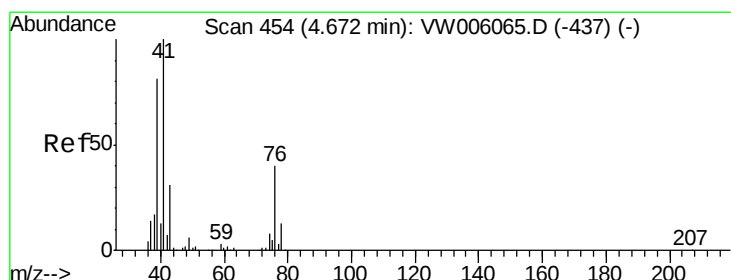
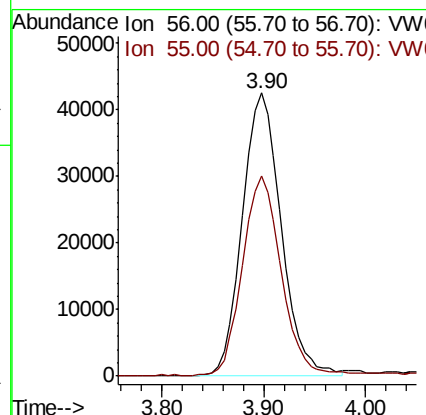
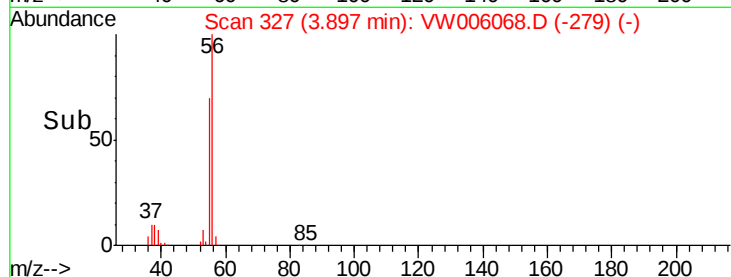
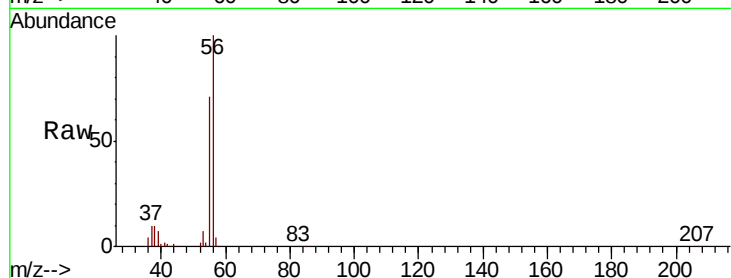
55 70.0 54.5 81.7

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#14

Allyl chloride

Concen: 125.131 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

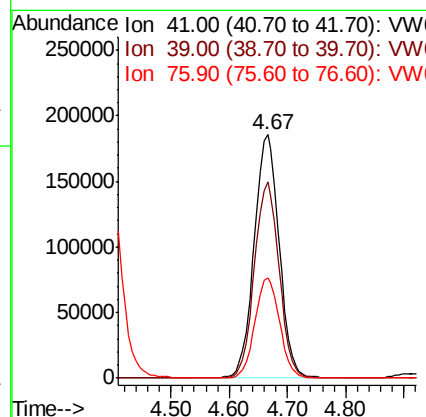
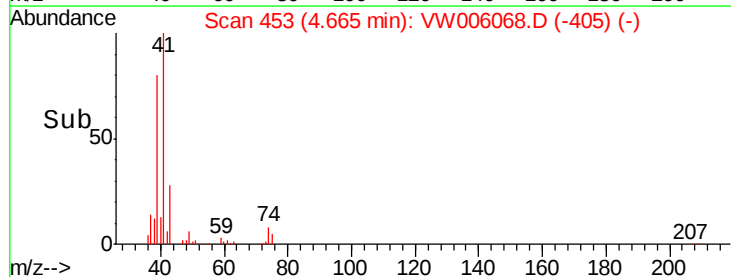
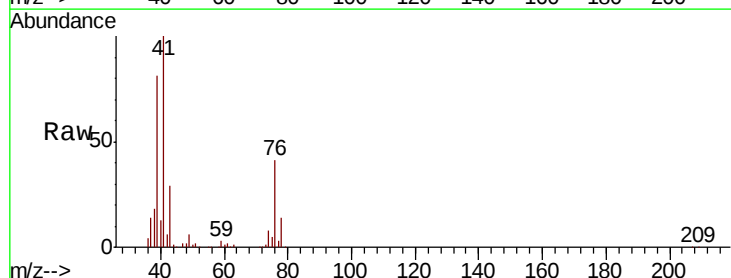
Tgt Ion: 41 Resp: 553827

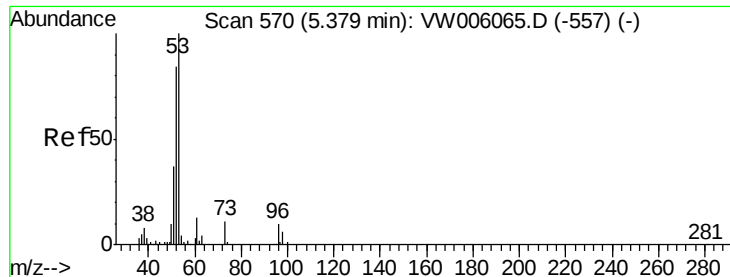
Ion Ratio Lower Upper

41 100

39 79.3 64.1 96.1

76 40.2 32.2 48.4





#15

Acrylonitrile

Concen: 667.955 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

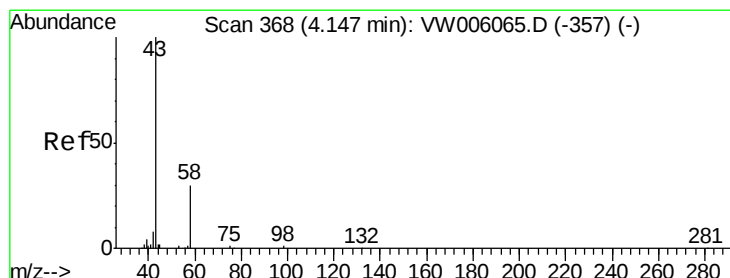
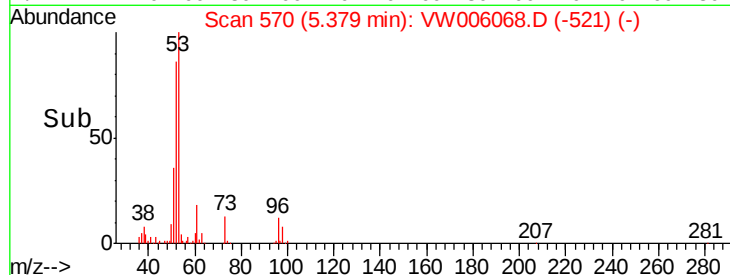
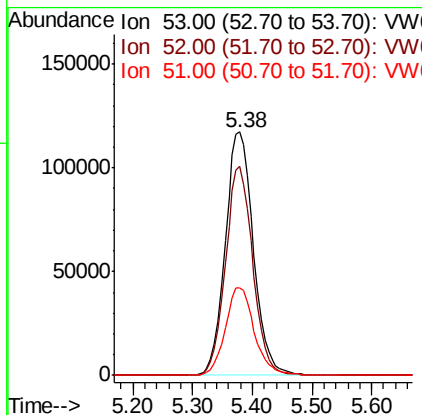
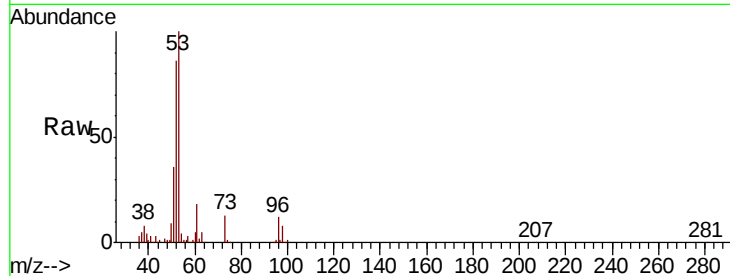
ClientSampleId :

VSTDICC150

Tot Ion:	53	Resp:	384511
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.9	100.3
51	36.8	30.1	45.1

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#16

Acetone

Concen: 614.961 ug/l

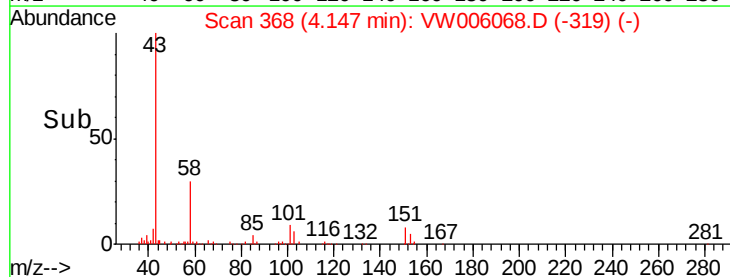
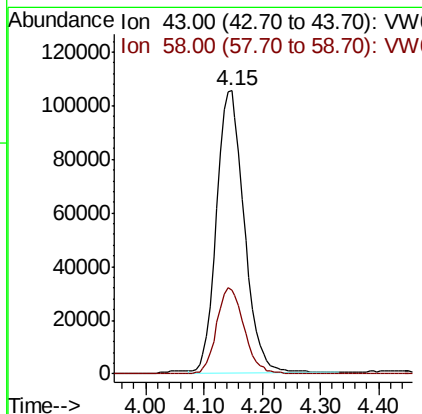
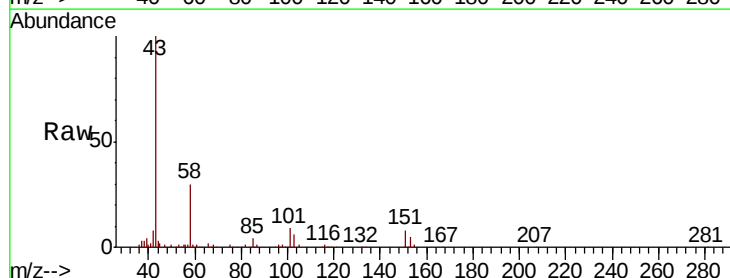
RT: 4.15 min Scan# 368

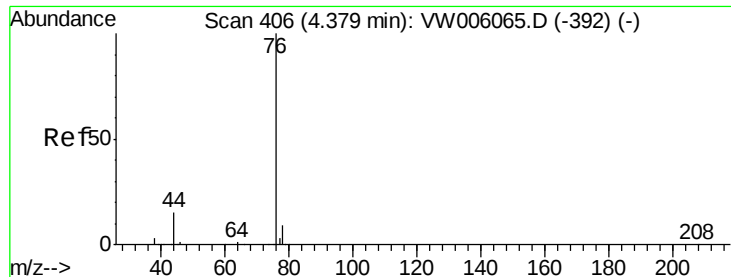
Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Tgt Ion:	43	Resp:	347808
Ion Ratio		Lower	Upper
43	100		
58	29.6	24.0	36.0





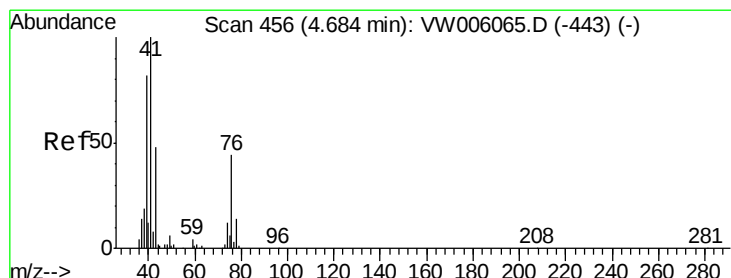
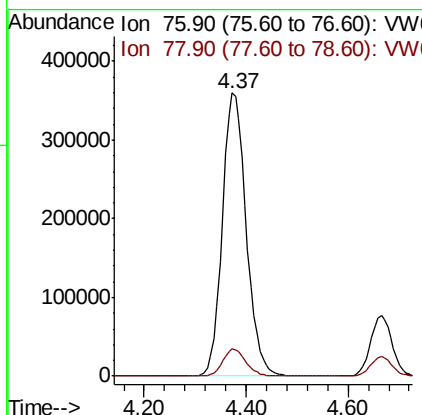
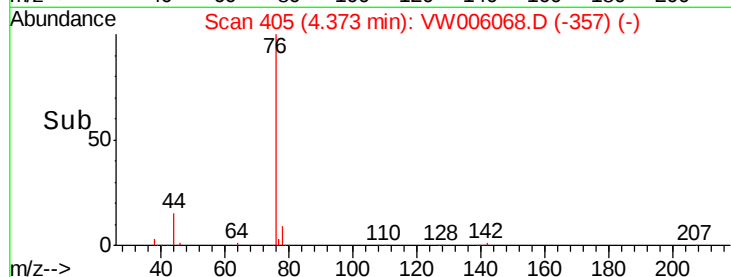
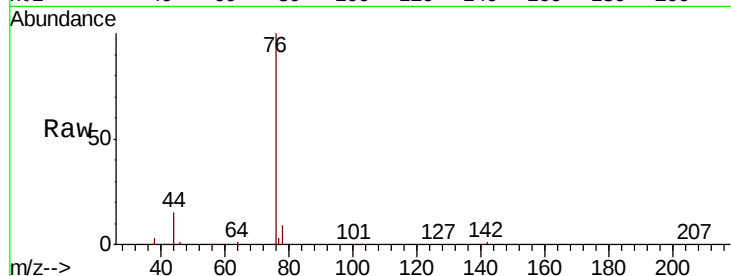
#17
Carbon Disulfide
Concen: 145.888 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1166359
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

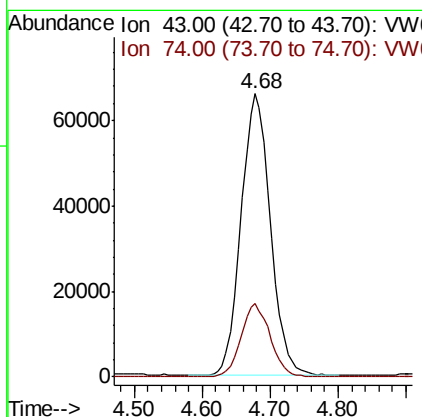
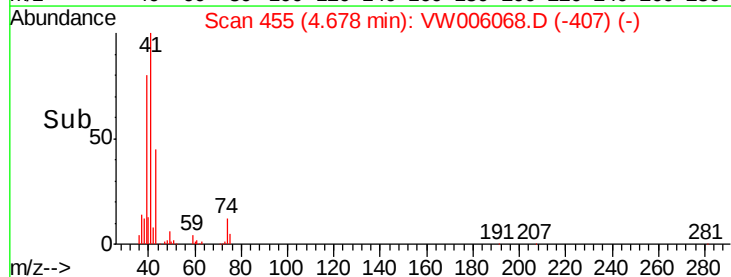
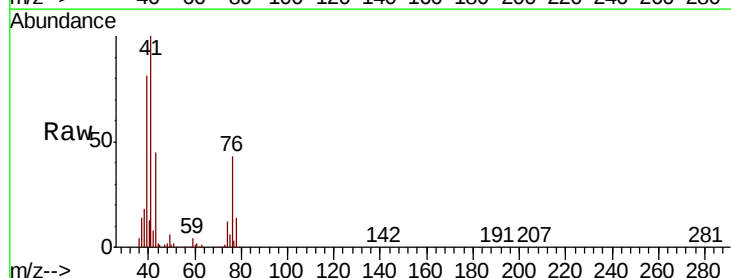
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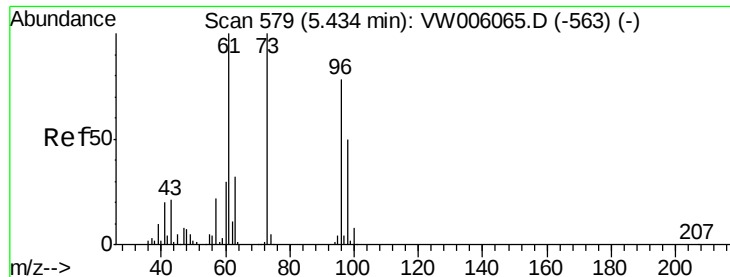
apatel
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#18
Methyl Acetate
Concen: 136.274 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion: 43 Resp: 197451
Ion Ratio Lower Upper
43 100
74 25.9 20.5 30.7





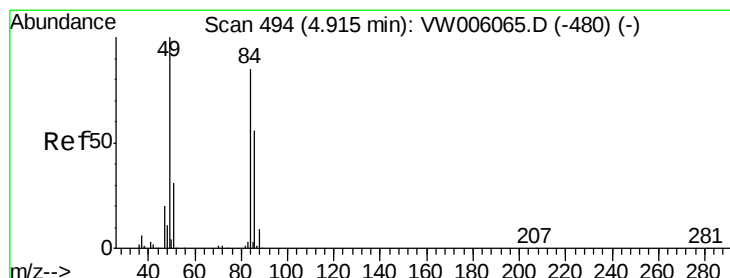
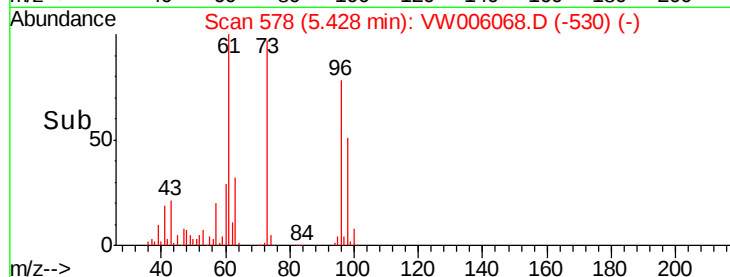
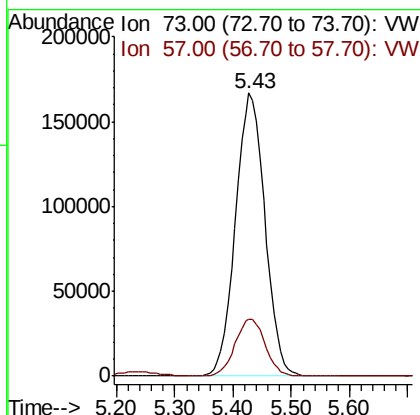
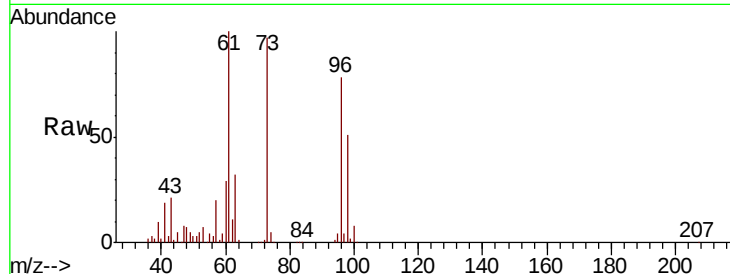
#19
Methyl tert-butyl Ether
Concen: 142.215 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
73	100	584601		
57	20.1		17.4	26.2

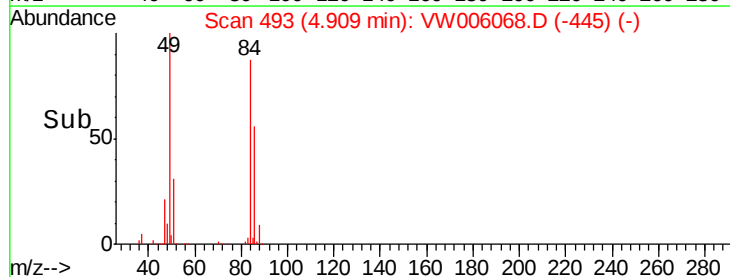
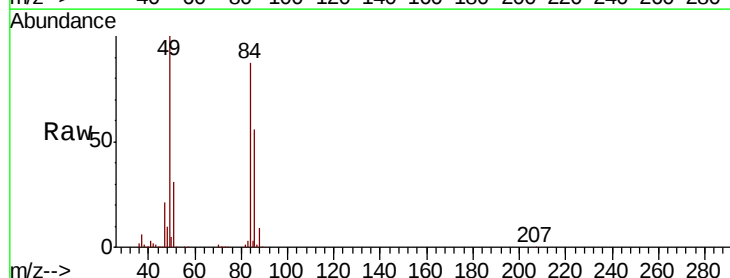
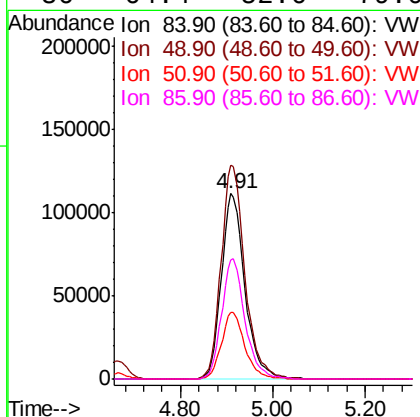
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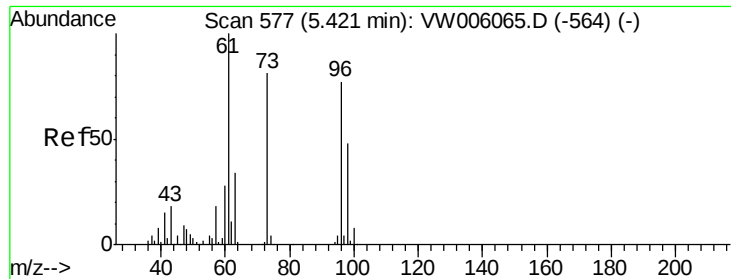
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#20
Methylene Chloride
Concen: 134.095 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	393568		
49	115.3		93.6	140.4
51	36.3		29.0	43.4
86	64.4		52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 146.897 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

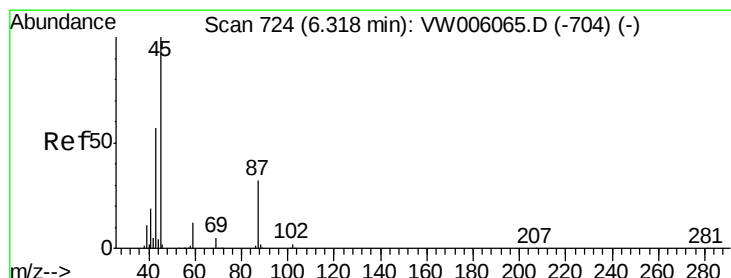
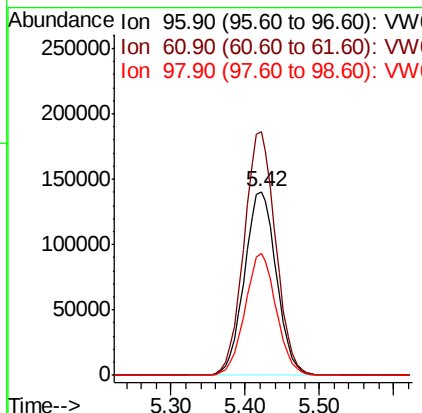
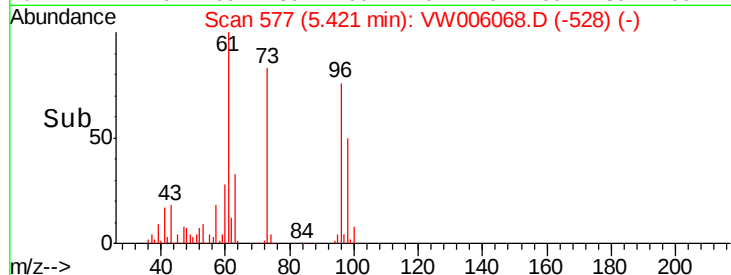
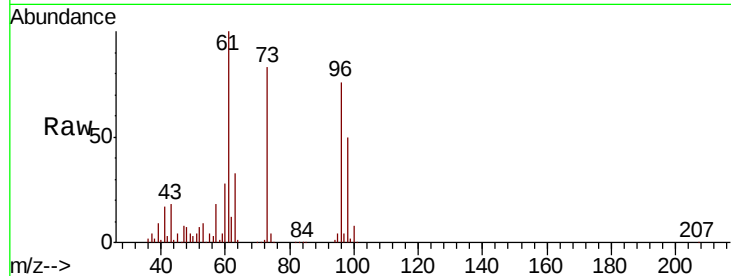
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	424783
Ion	Ratio	Lower	Upper
96	100		
61	132.3	104.5	156.7
98	66.0	50.6	75.8

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#22

Diisopropyl ether

Concen: 134.829 ug/l

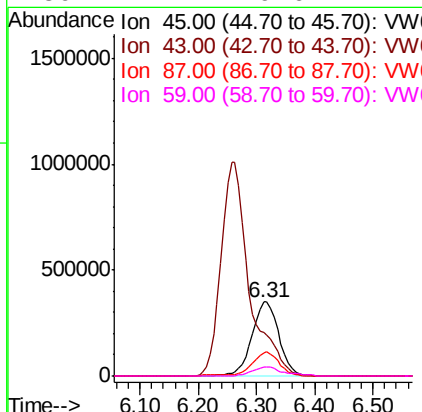
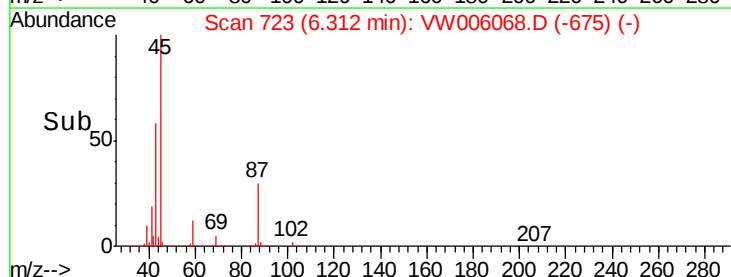
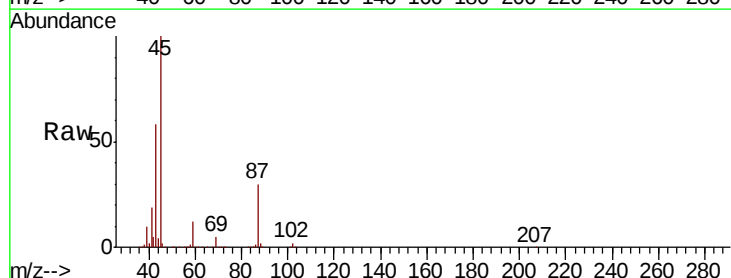
RT: 6.31 min Scan# 723

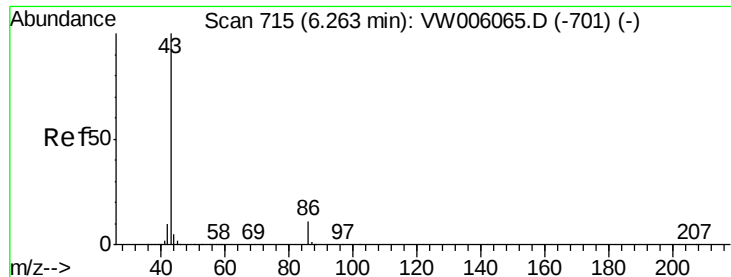
Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Tgt Ion:	45	Resp:	1122103
Ion	Ratio	Lower	Upper
45	100		
43	58.0	45.7	68.5
87	30.3	25.9	38.9
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 667.911 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3394846

Ion Ratio Lower Upper

43 100

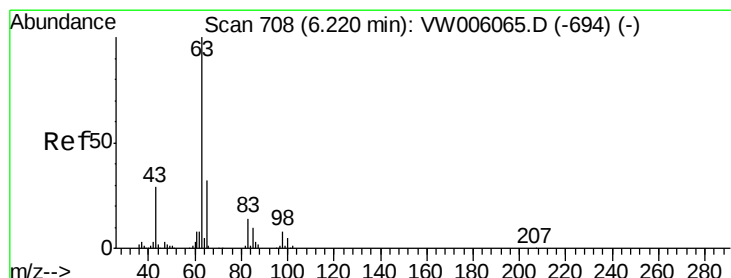
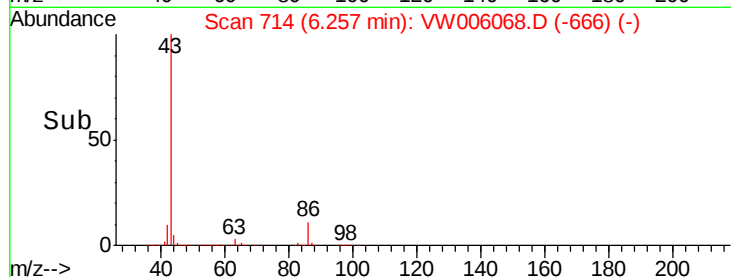
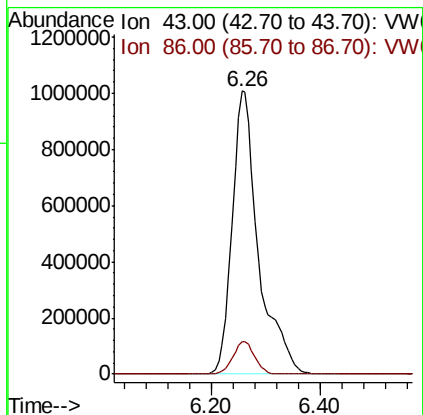
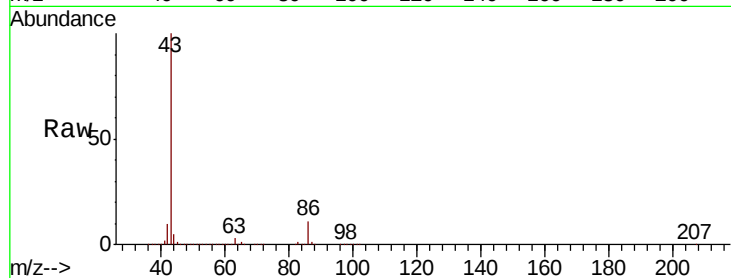
86 11.4 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 137.426 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

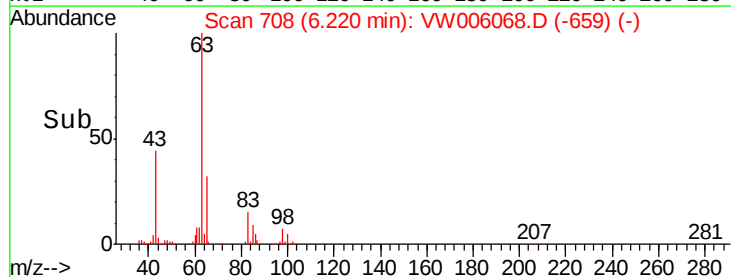
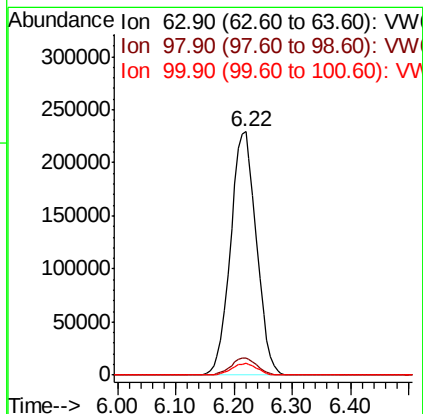
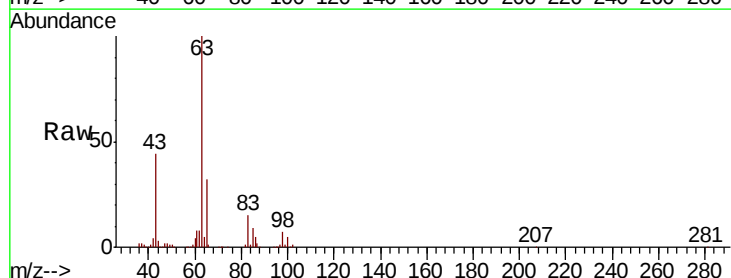
Tgt Ion: 63 Resp: 705446

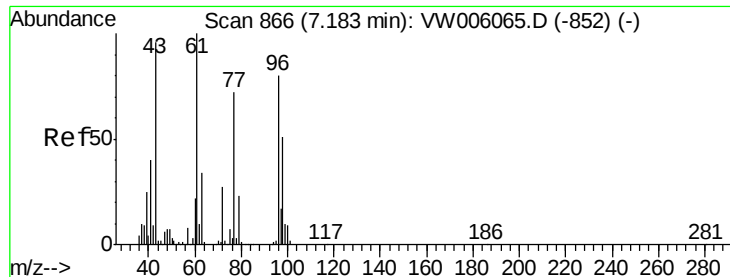
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 633.242 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 512382

Ion Ratio Lower Upper

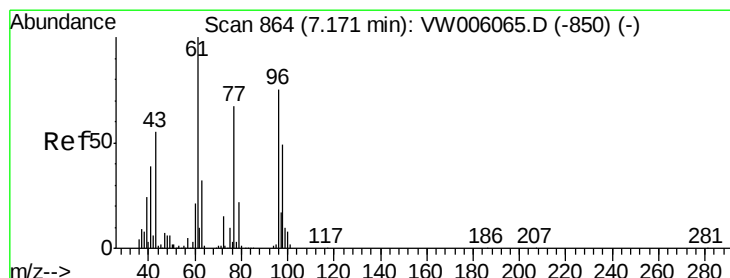
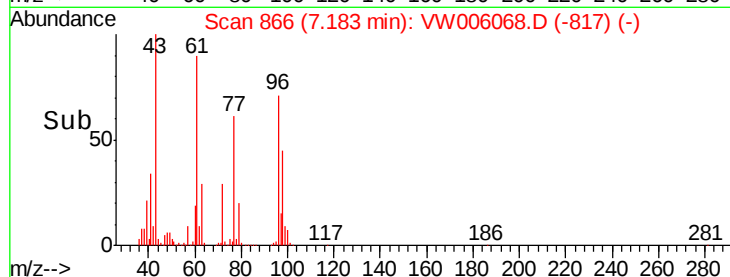
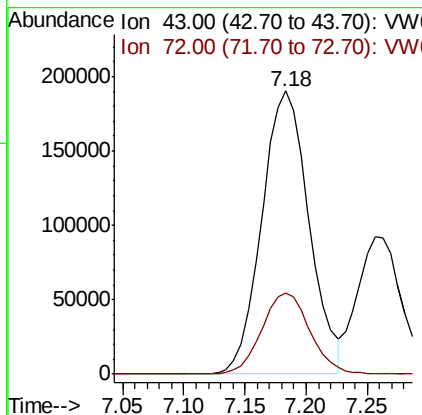
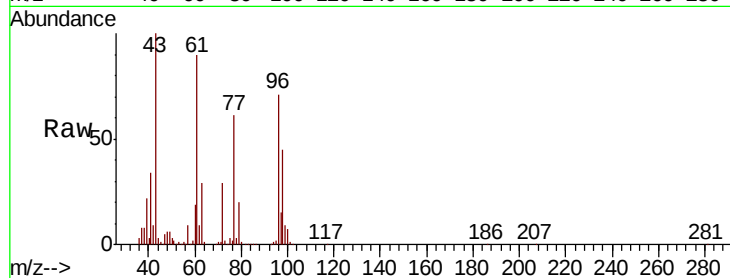
43 100

72 28.7 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 125.848 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006068.D

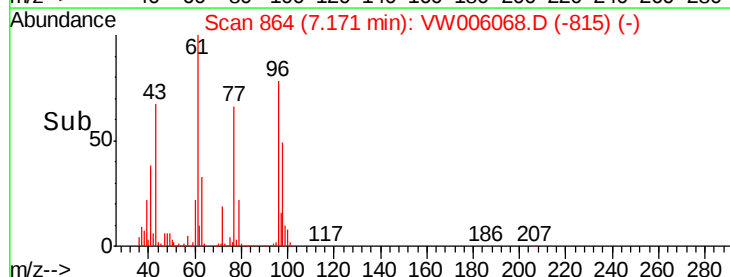
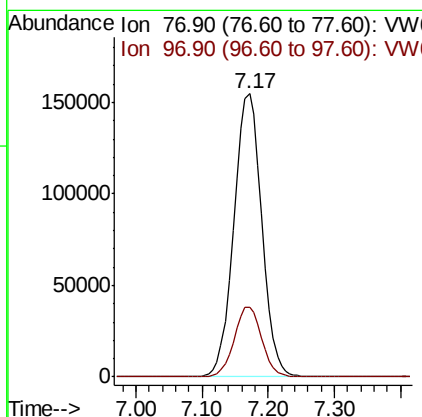
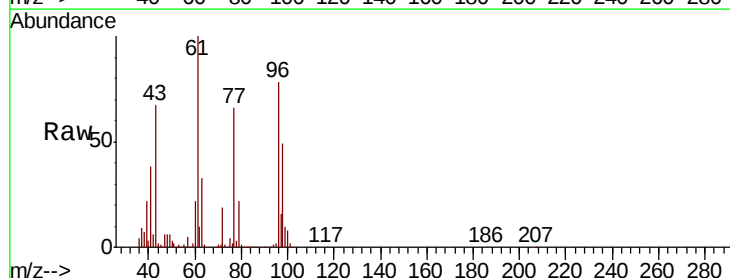
Acq: 15 Oct 2018 19:38

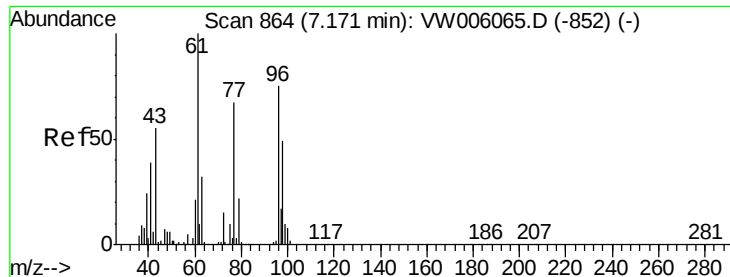
Tgt Ion: 77 Resp: 451857

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.4





#27

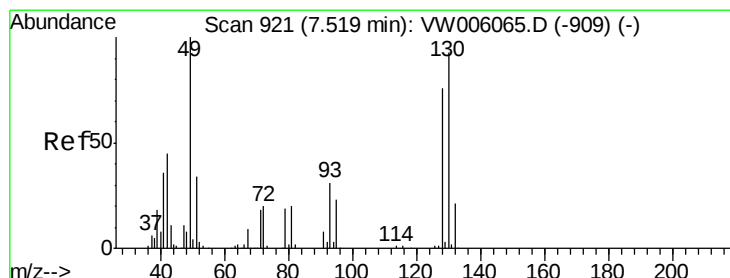
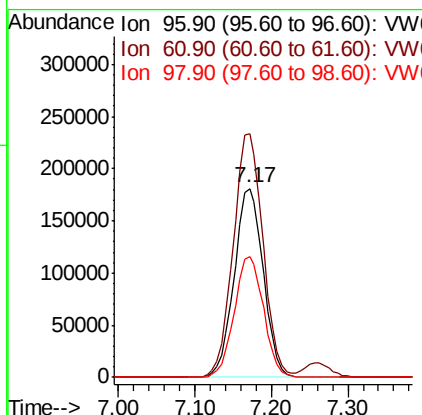
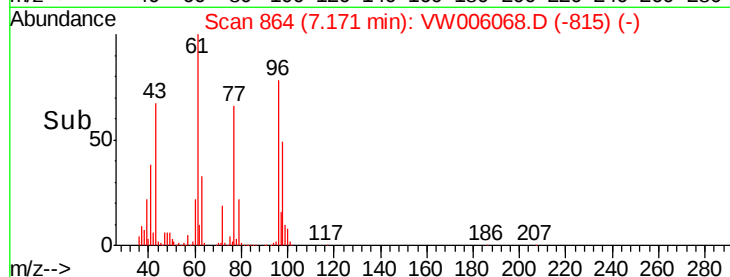
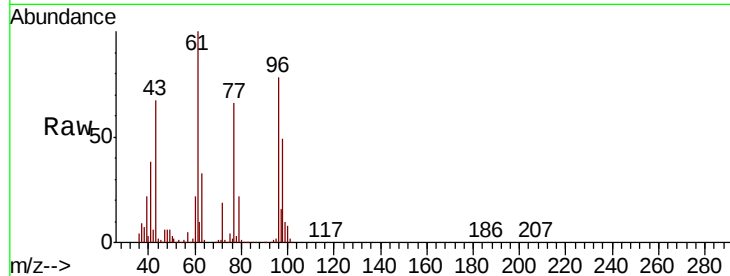
cis-1,2-Dichloroethene
 Concen: 145.739 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	267.2
98	64.4	0.0	128.6

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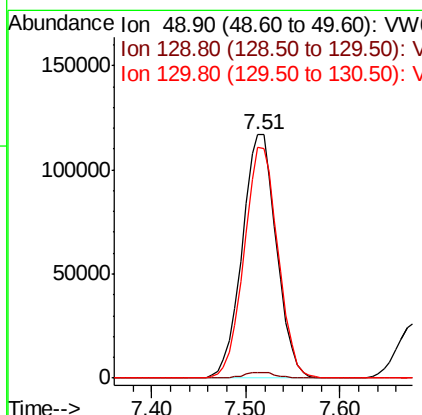
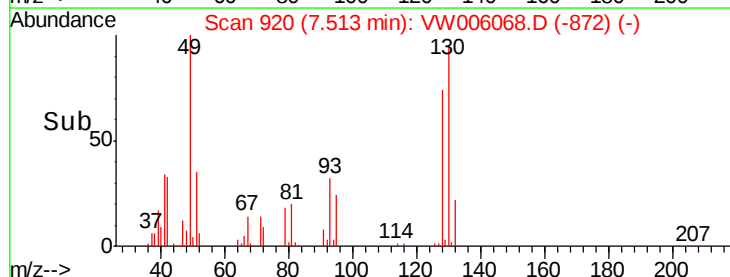
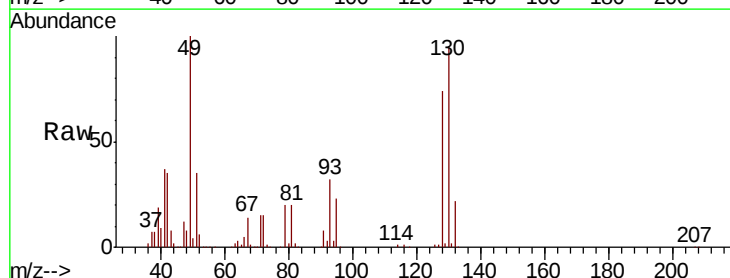
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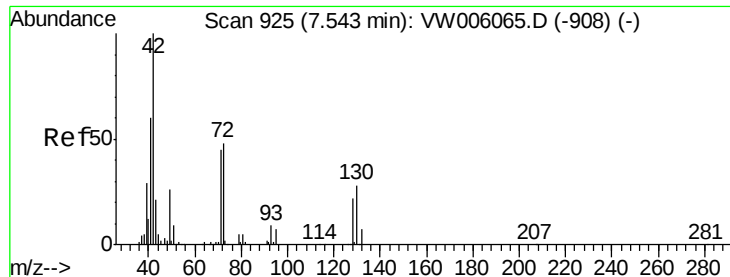


#28

Bromochloromethane
 Concen: 153.537 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	93.7	73.8	110.8





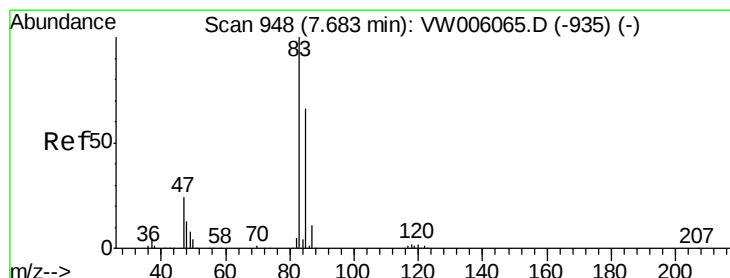
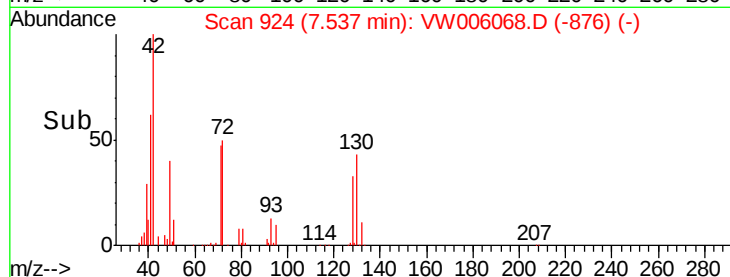
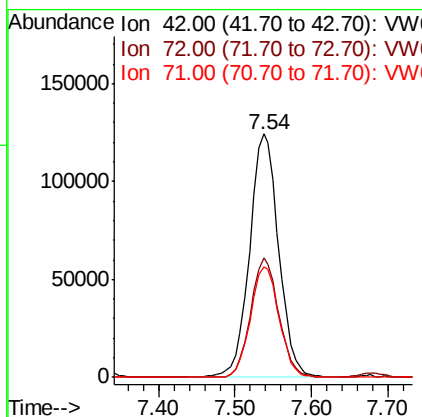
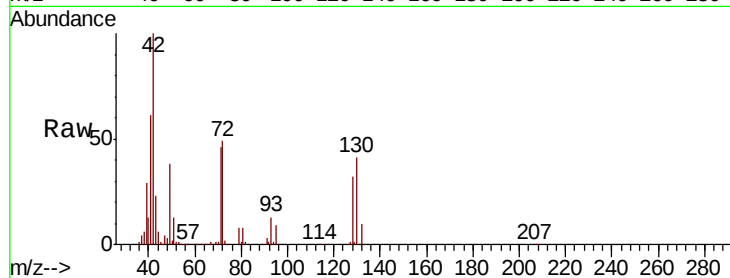
#29
Tetrahydrofuran
Concen: 641.835 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	38.0	57.0
71	45.0	35.3	52.9

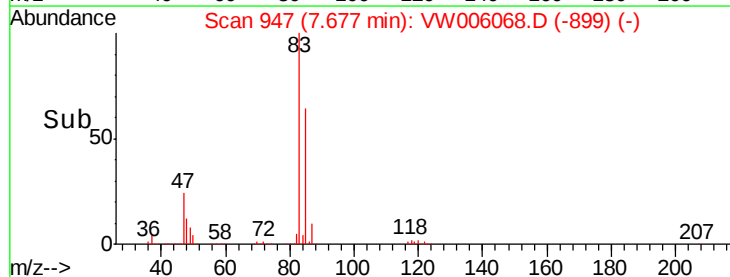
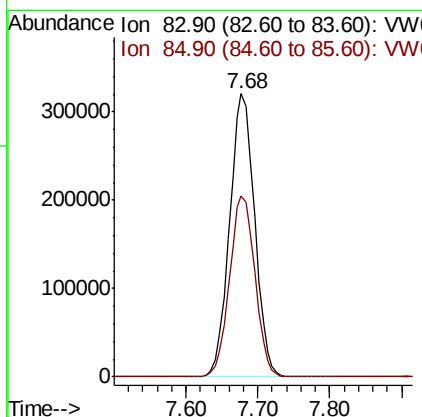
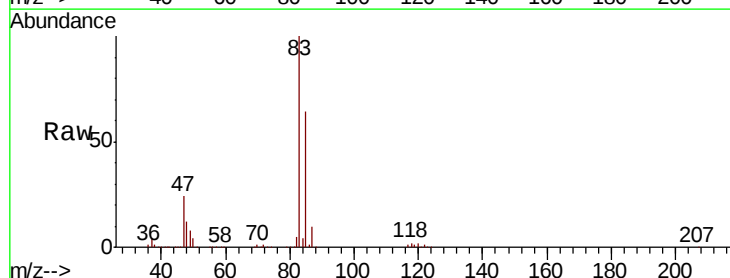
Manual Integrations
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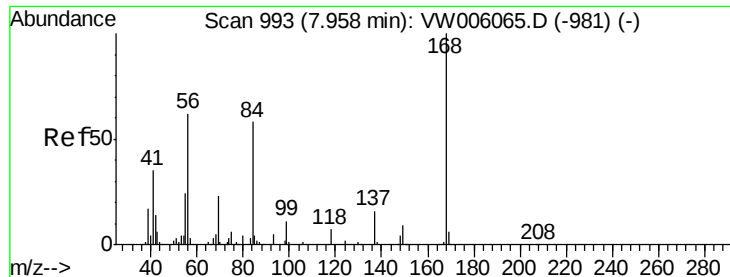
apatel
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#30
Chloroform
Concen: 145.901 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.6	79.0





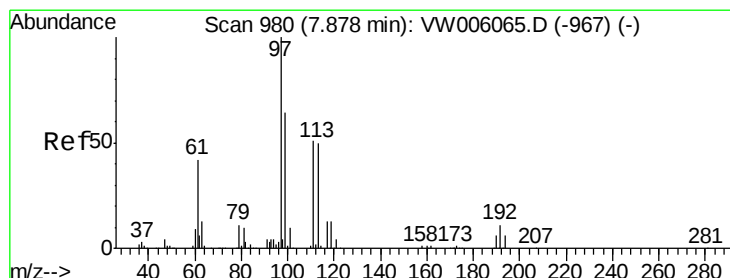
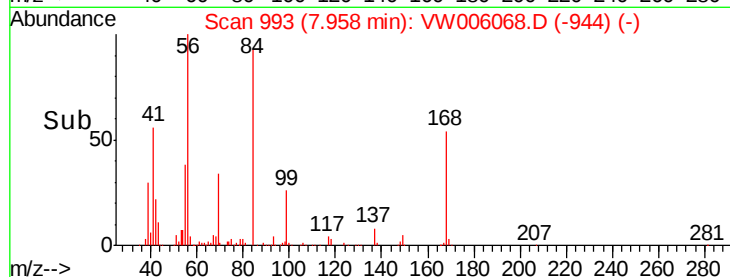
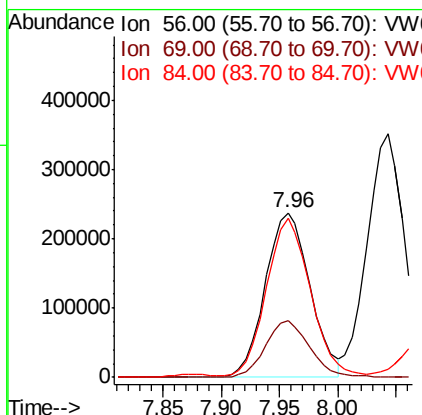
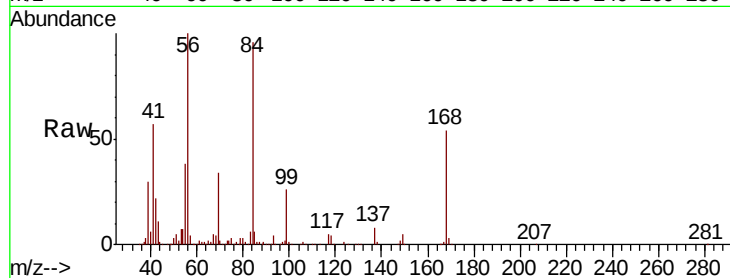
#31
Cyclohexane
Concen: 125.009 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	29.4	44.0
84	94.3	74.0	111.0

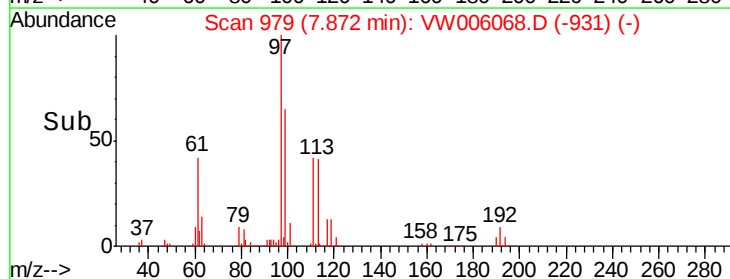
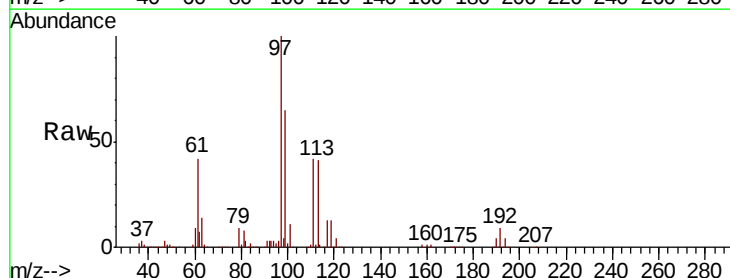
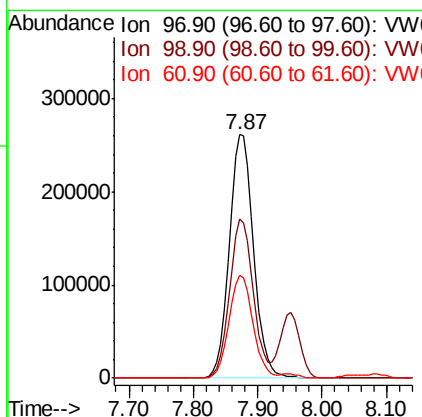
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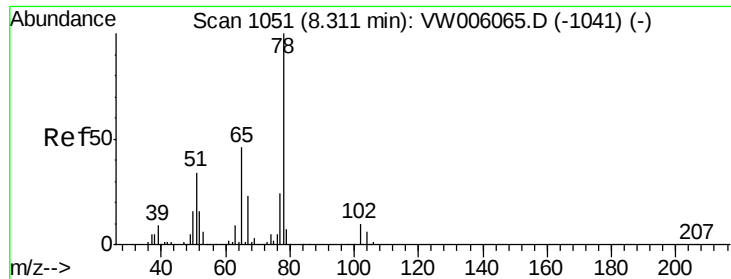
apatel
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#32
1,1,1-Trichloroethane
Concen: 145.402 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.9	76.3
61	42.0	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 134.455 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 388452

Ion Ratio Lower Upper

65 100

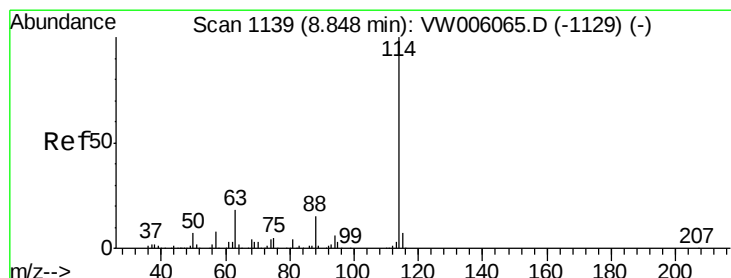
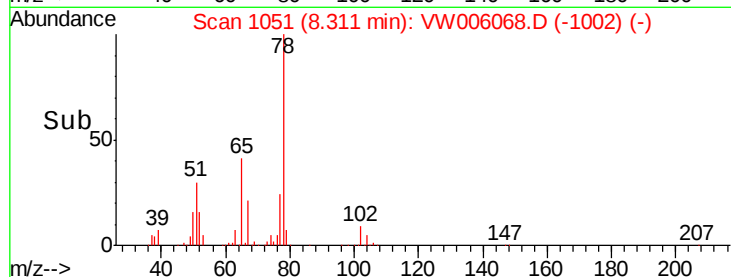
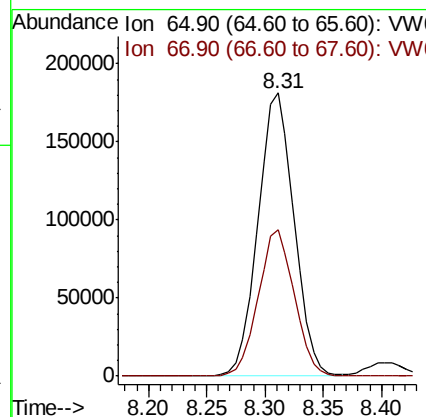
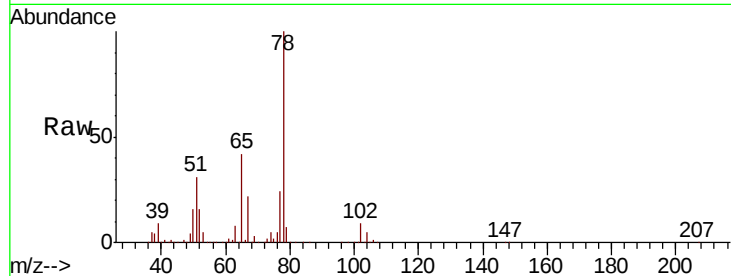
67 51.8 0.0 101.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

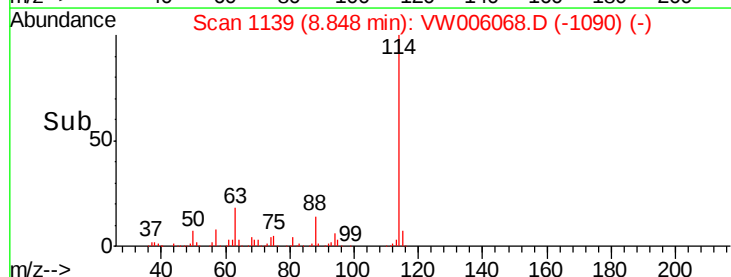
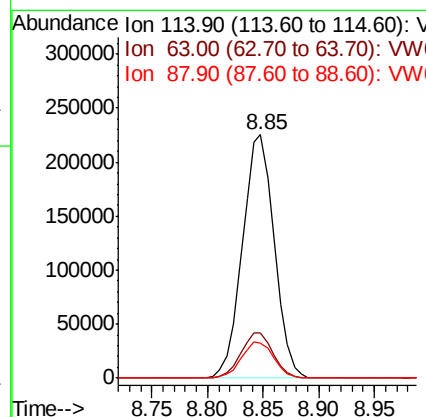
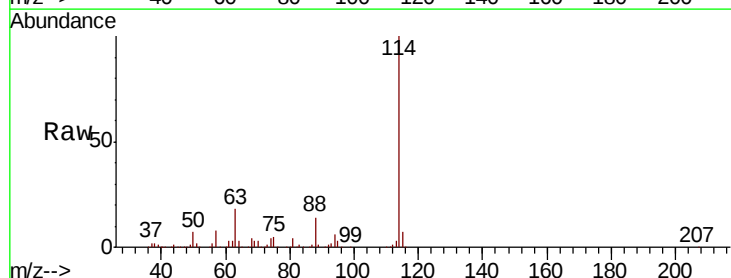
Tgt Ion: 114 Resp: 445490

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 14.4 0.0 29.0





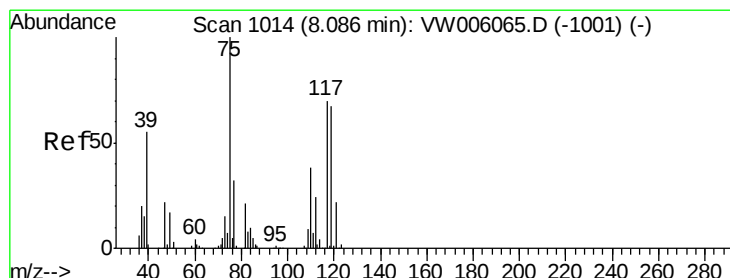
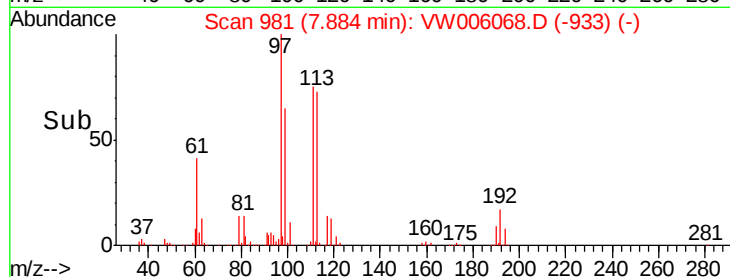
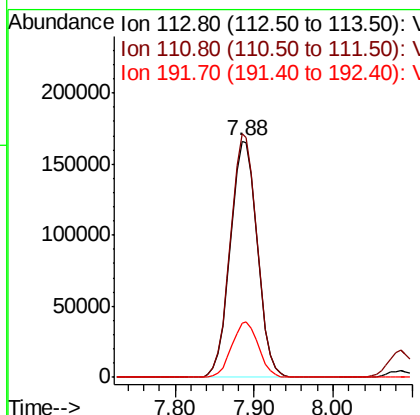
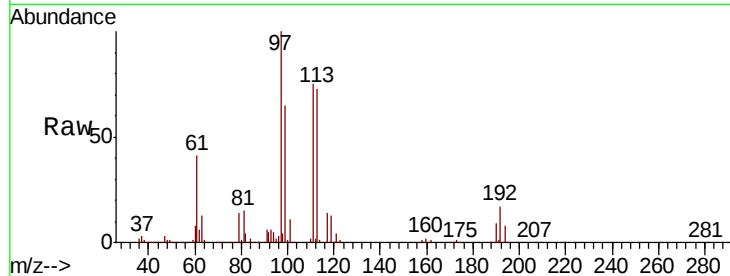
#35
 Dibromofluoromethane
 Concen: 140.662 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	395152		
111	102.2	81.4	122.0	
192	23.1	18.7	28.1	

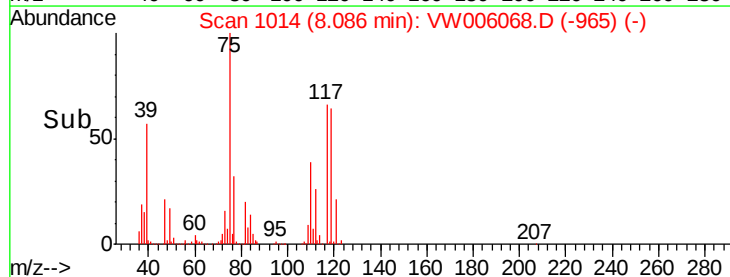
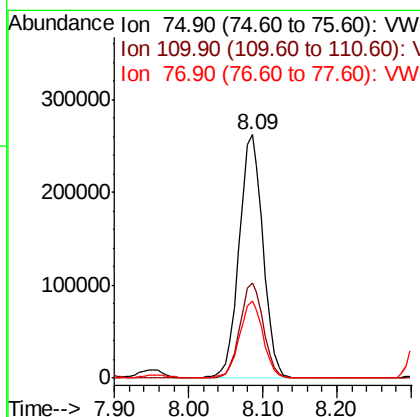
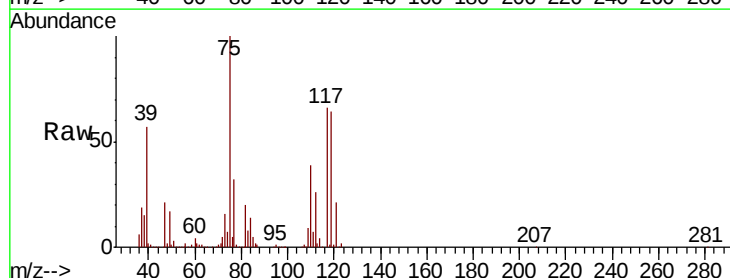
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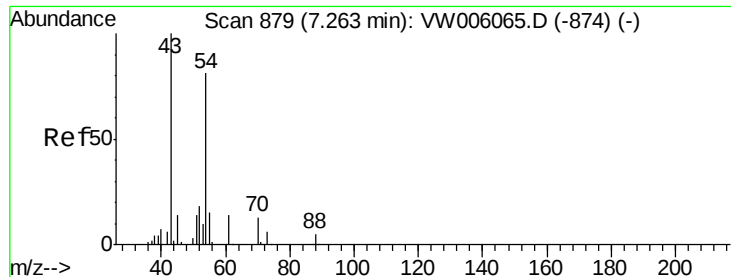
apatel
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#36
 1,1-Dichloropropene
 Concen: 139.774 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	588996		
110	38.5	19.1	57.1	
77	31.4	25.0	37.4	





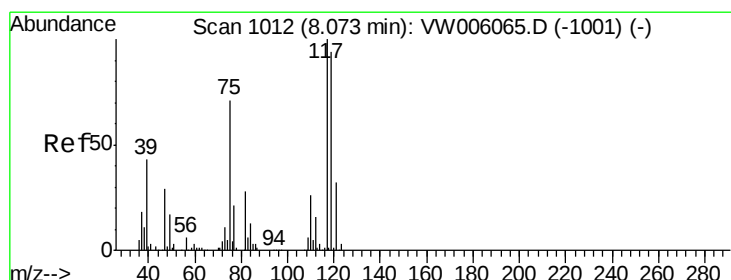
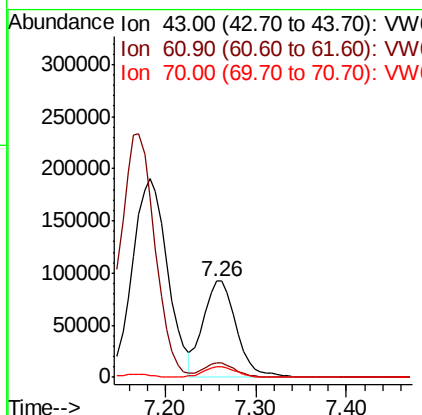
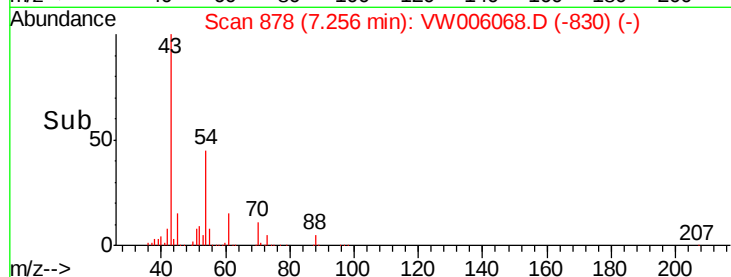
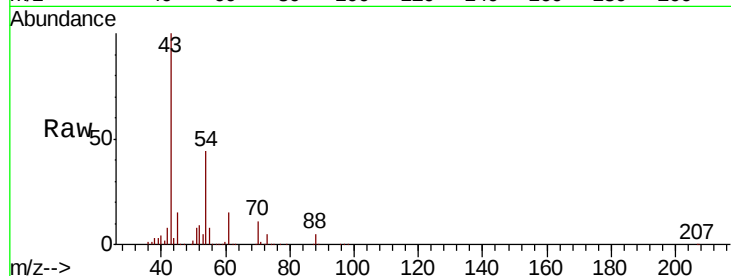
#37
Ethyl Acetate
Concen: 135.089 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.5	17.3
70	10.8	9.2	13.8

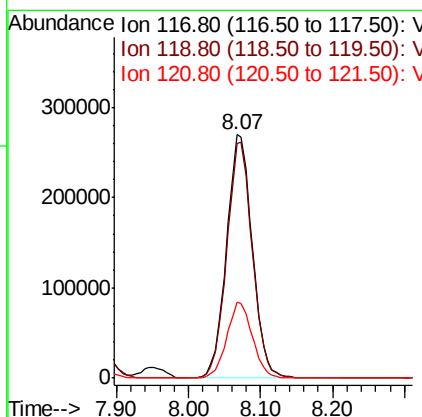
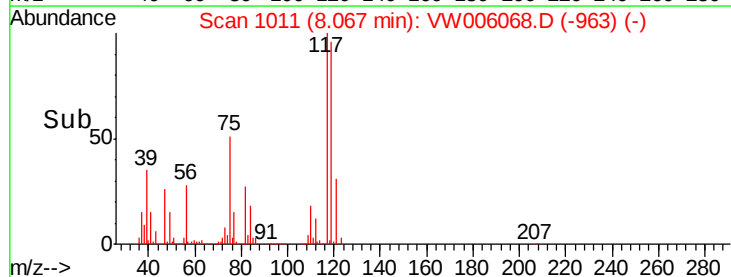
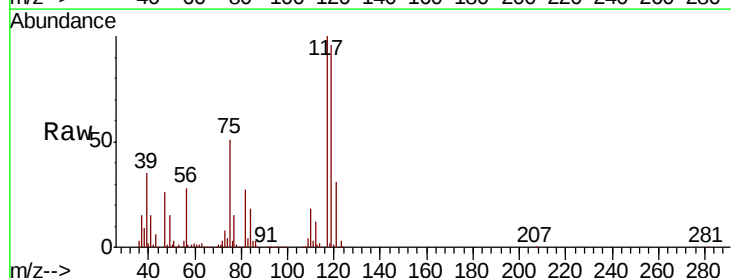
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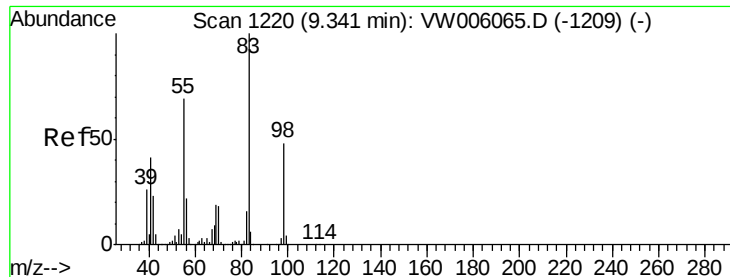
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#38
Carbon Tetrachloride
Concen: 147.613 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.2	112.8
121	31.1	25.3	37.9





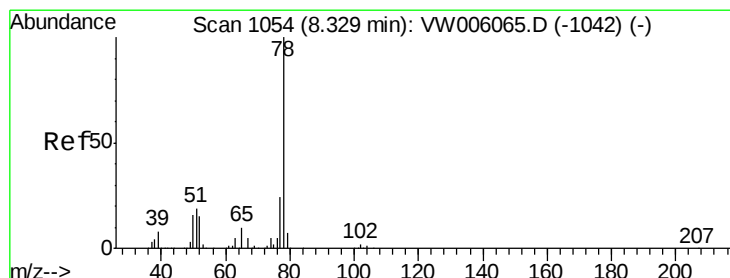
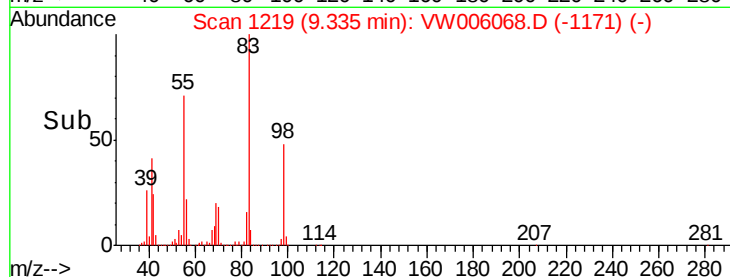
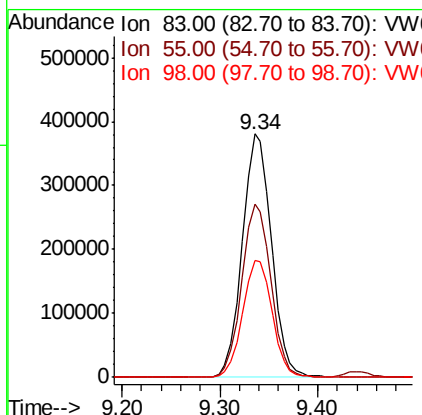
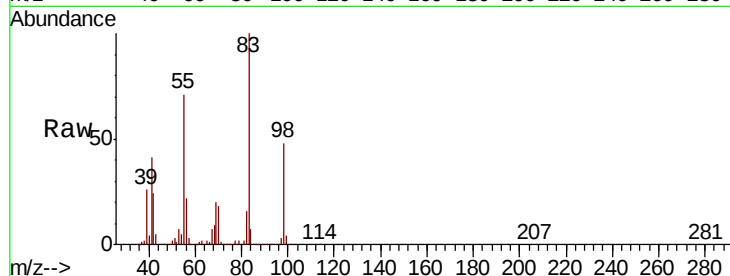
#39
Methvlcvclohexane
Concen: 142.132 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.3	55.0	82.6
98	48.1	38.6	57.8

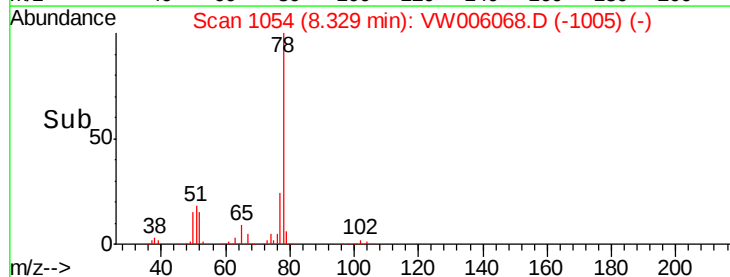
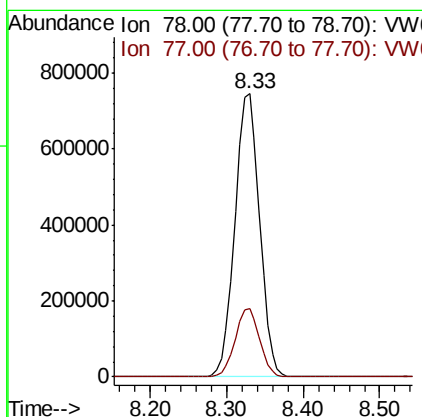
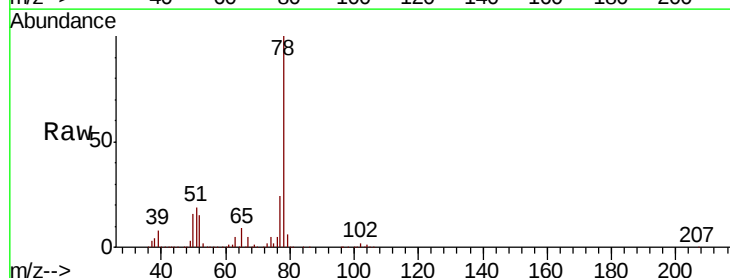
Manual Integrations
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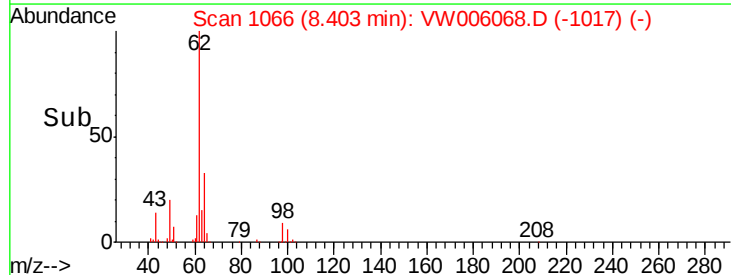
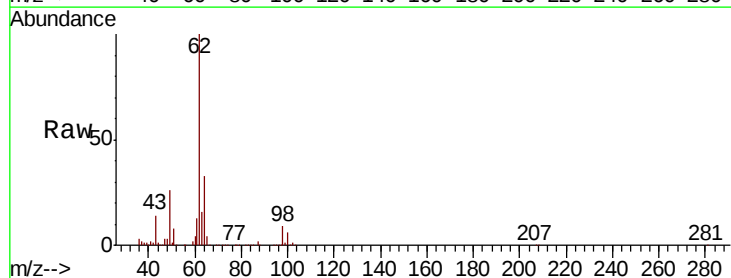
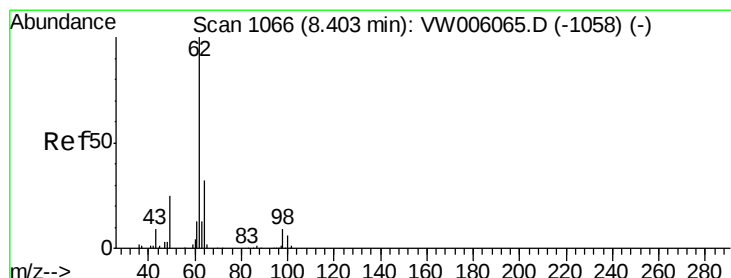
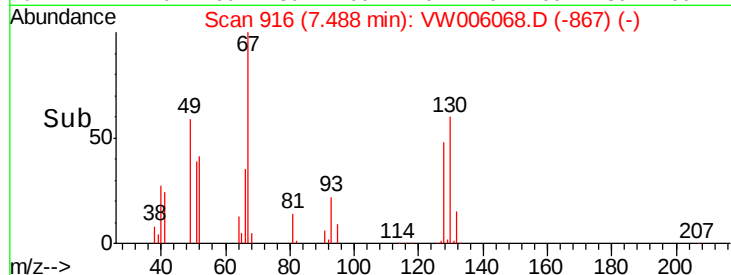
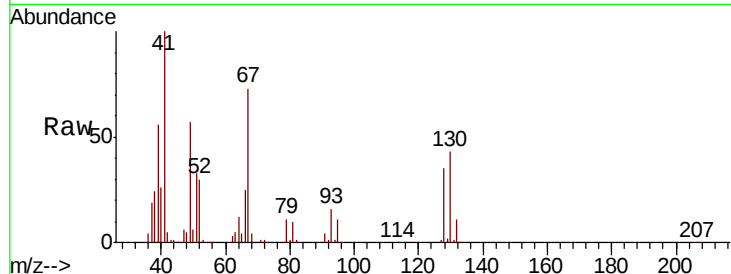
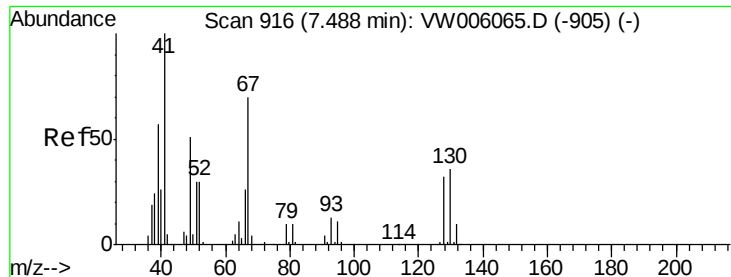
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#40
Benzene
Concen: 143.943 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





#41

Methacrylonitrile

Concen: 137.319 ug/l

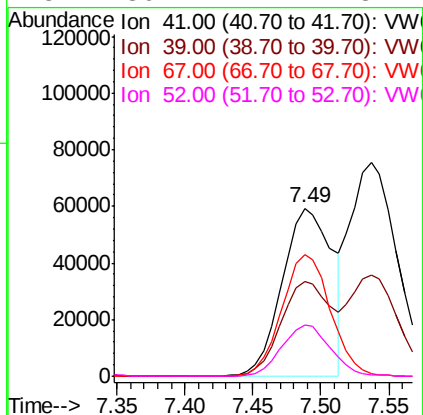
RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		151719		
39	56.7	46.2	69.4		
67	70.5	57.7	86.5		
52	30.1	24.7	37.1		



Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 144.025 ug/l

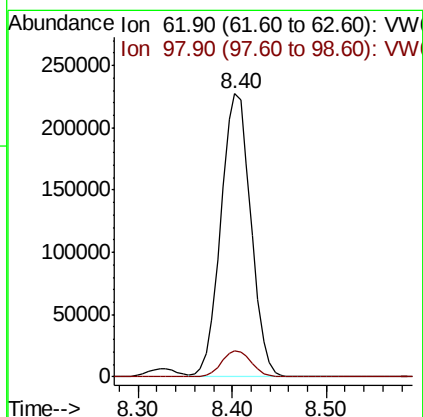
RT: 8.40 min Scan# 1066

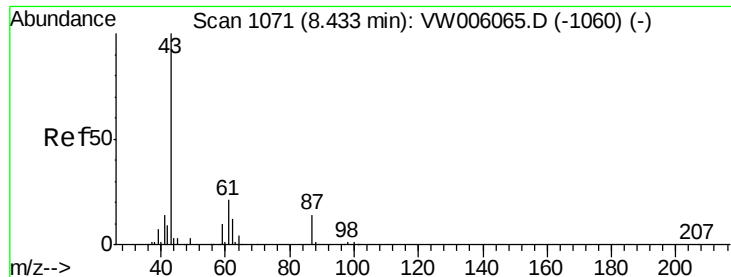
Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		501877		
98	9.1	0.0	18.4		





#43

Isopropyl Acetate

Concen: 136.540 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

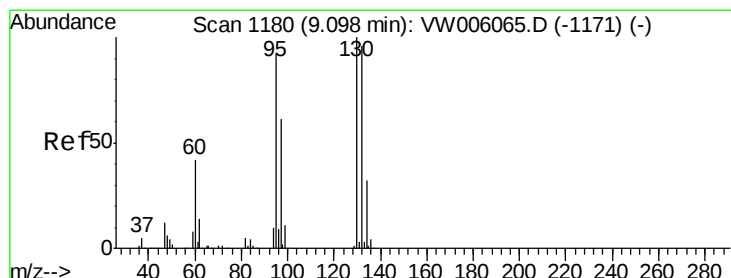
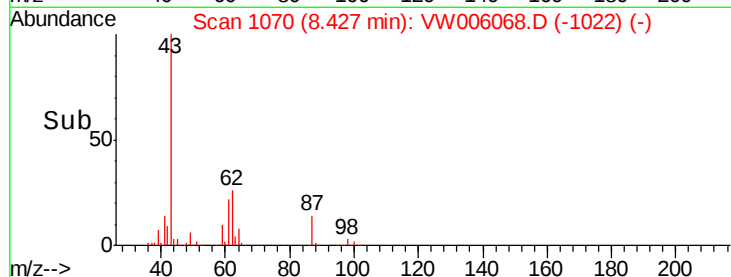
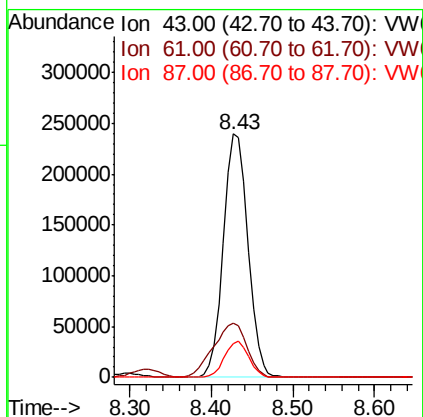
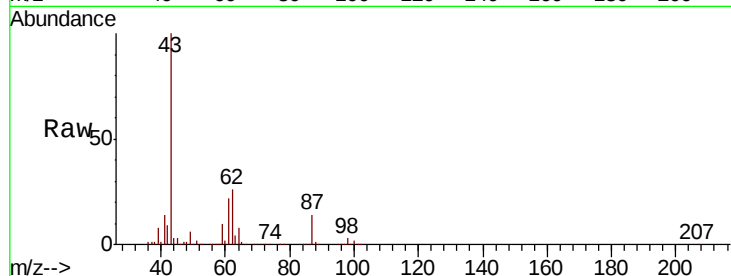
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	498095
Ion	Ratio	Lower	Upper
43	100		
61	30.5	25.5	38.3
87	14.6	11.7	17.5

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#44

Trichloroethene

Concen: 150.434 ug/l

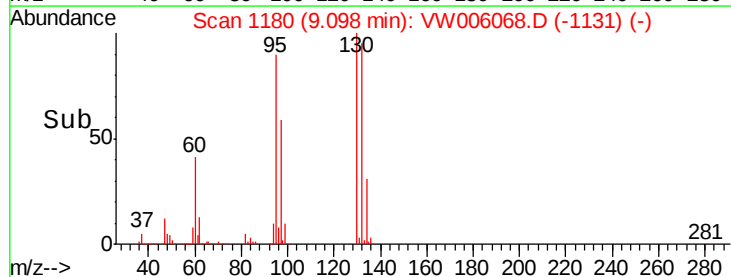
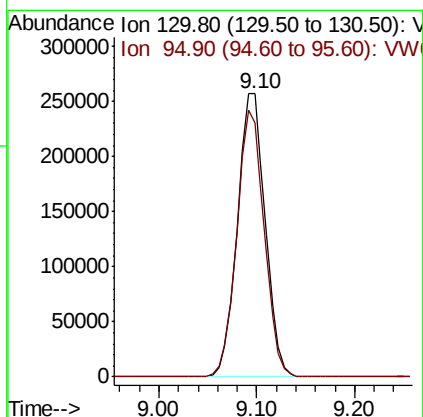
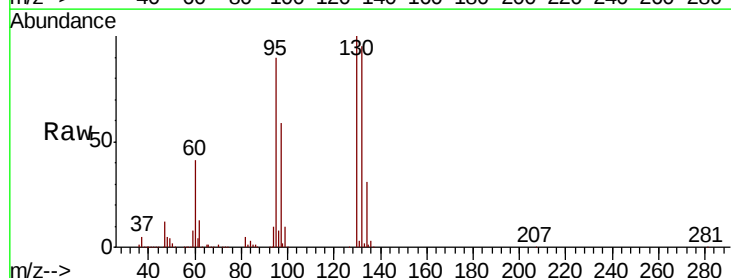
RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Tgt Ion:	130	Resp:	506704
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	183.2





#45

1,2-Dichloropropane

Concen: 139.023 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 399682

Ion Ratio Lower Upper

63 100

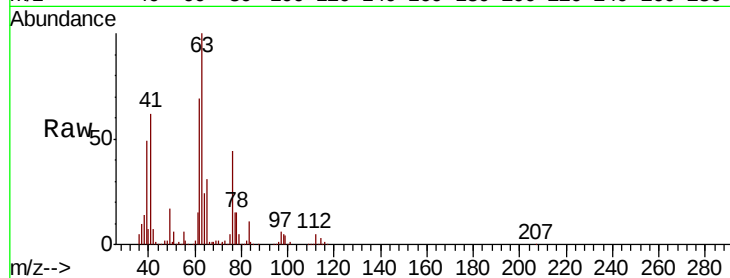
65 30.5 25.4 38.0

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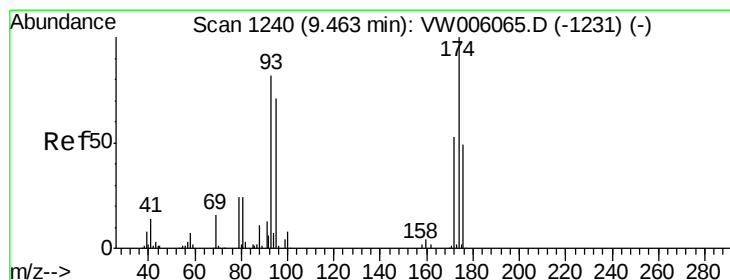
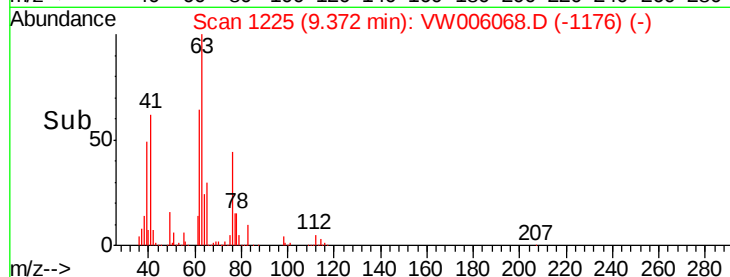
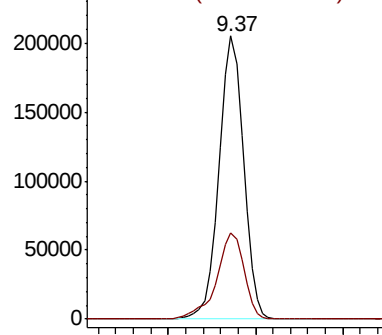
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 148.218 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

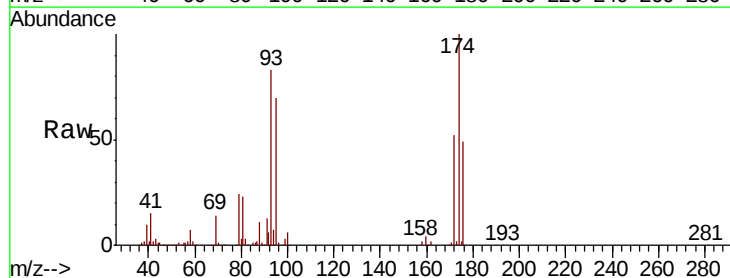
Tgt Ion: 93 Resp: 235641

Ion Ratio Lower Upper

93 100

95 84.1 67.7 101.5

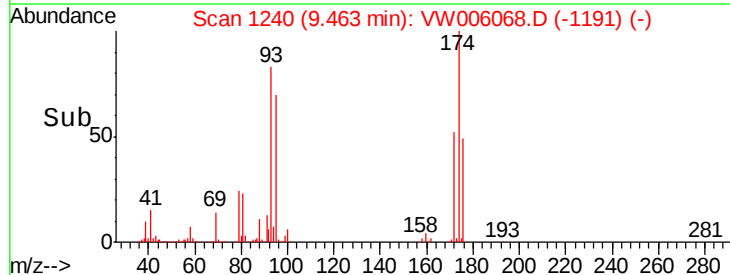
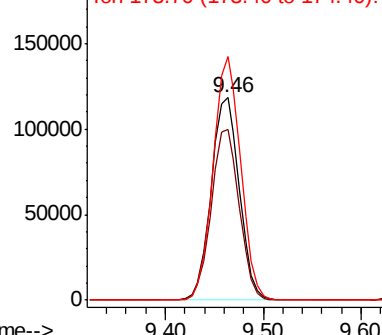
174 117.8 93.7 140.5



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 146.034 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

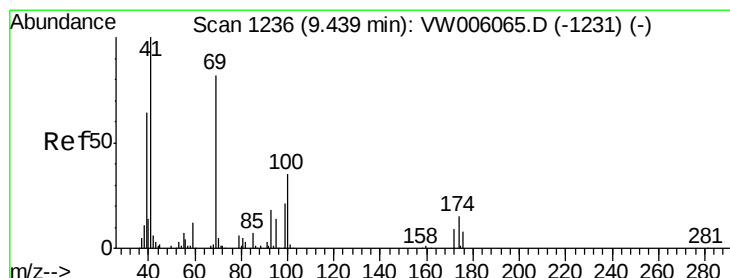
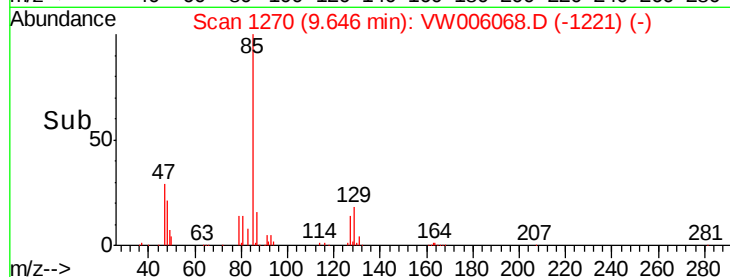
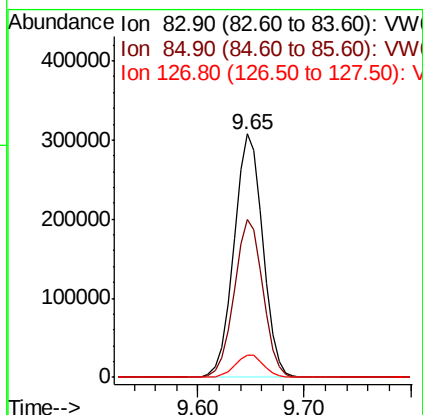
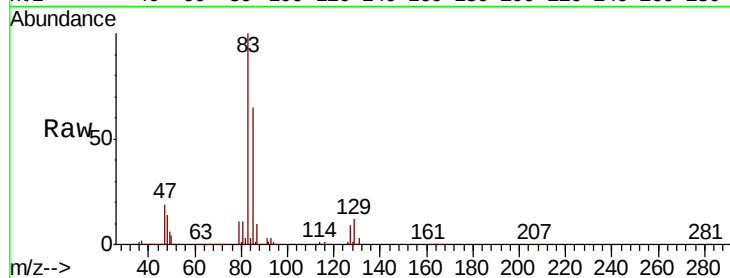
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	582104
Ion Ratio		Lower	Upper
83	100		
85	64.8	51.8	77.8
127	9.1	6.9	10.3

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#48

Methyl methacrylate

Concen: 137.749 ug/l

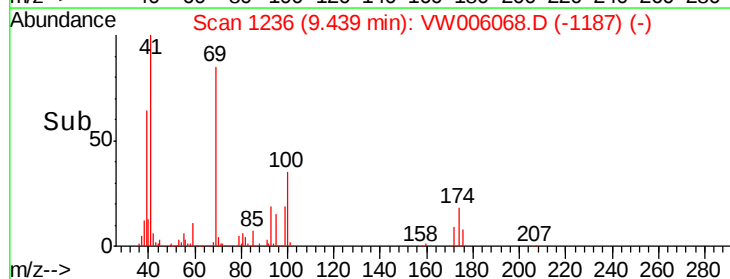
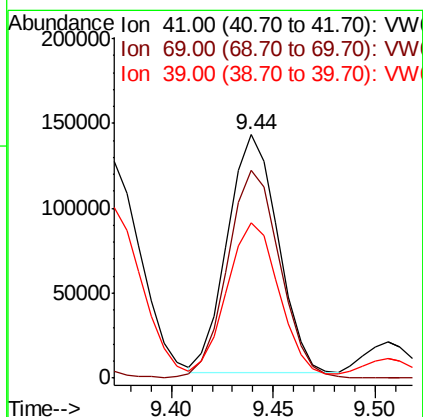
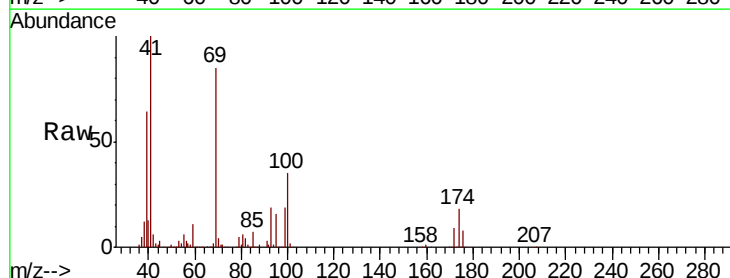
RT: 9.44 min Scan# 1236

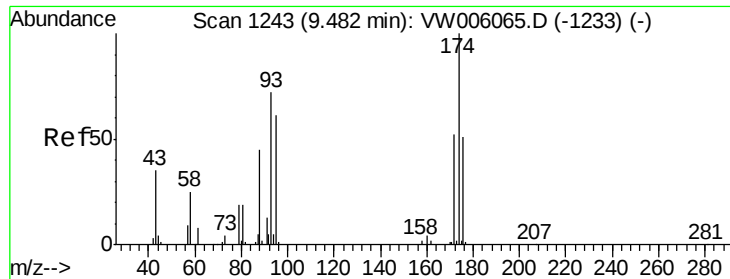
Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Tgt Ion:	41	Resp:	240023
Ion Ratio		Lower	Upper
41	100		
69	91.0	71.8	107.8
39	64.8	52.5	78.7





#49

1,4-Dioxane

Concen: 2991.949 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

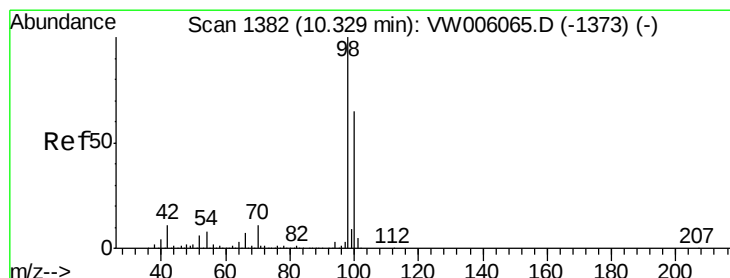
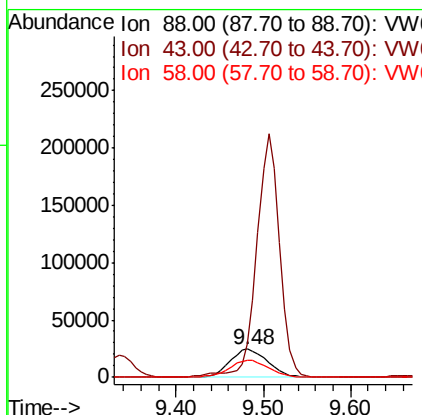
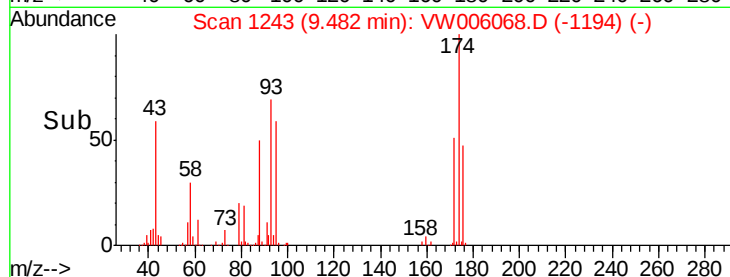
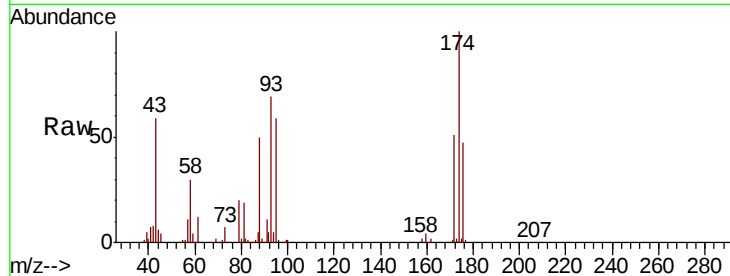
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	72628
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	65.0	51.2	76.8

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#50

Toluene-d8

Concen: 140.347 ug/l

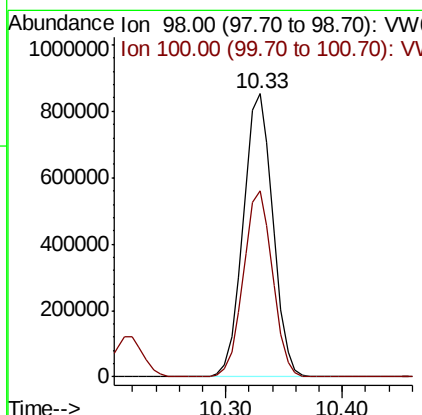
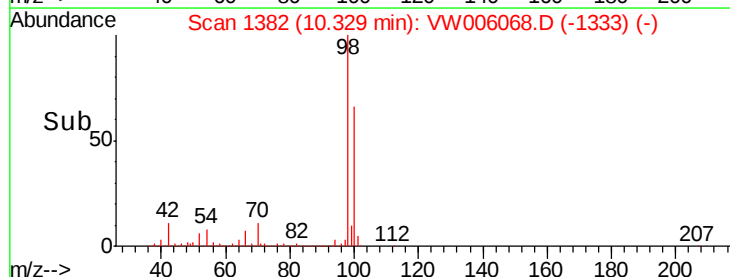
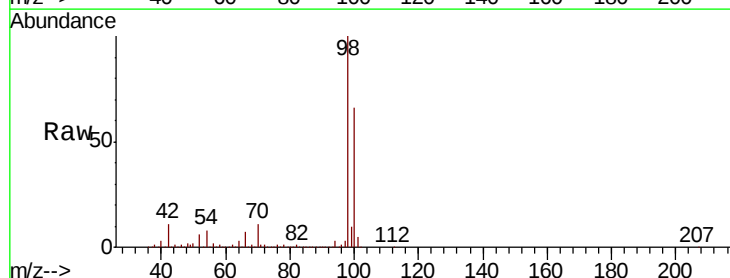
RT: 10.33 min Scan# 1382

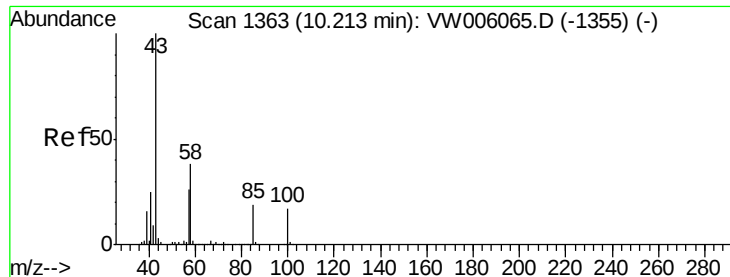
Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Tgt Ion:	98	Resp:	1511870
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 687.938 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1227782

Ion Ratio Lower Upper

43 100

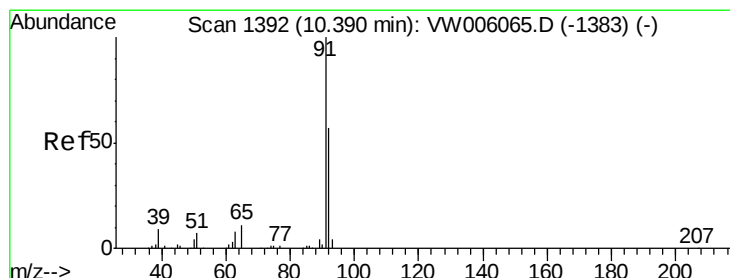
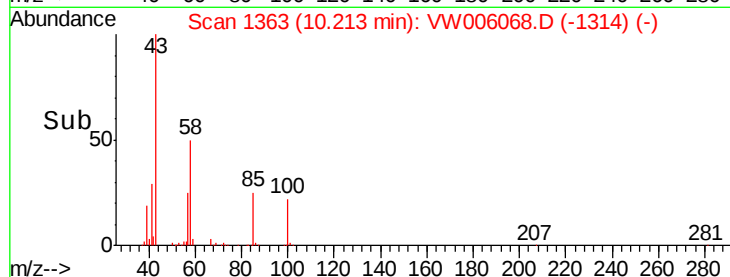
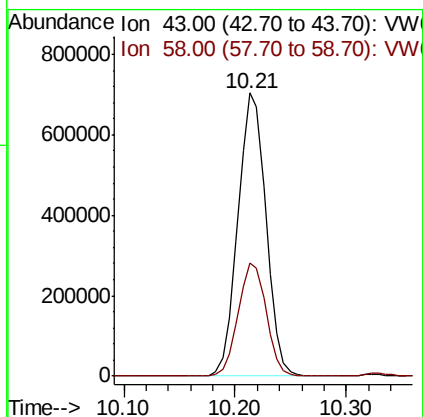
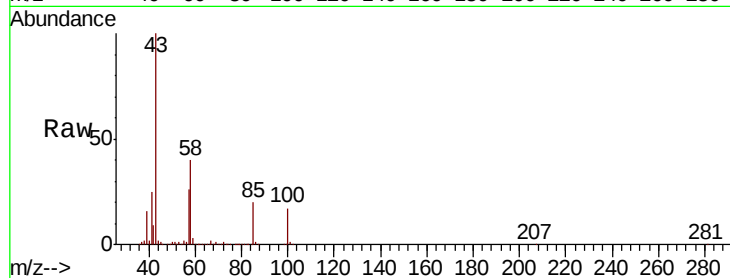
58 40.0 31.5 47.3

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#52

Toluene

Concen: 150.133 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006068.D

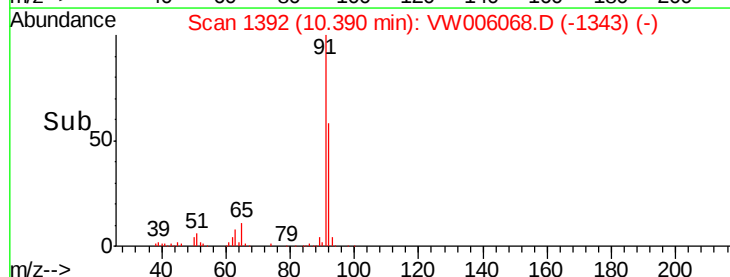
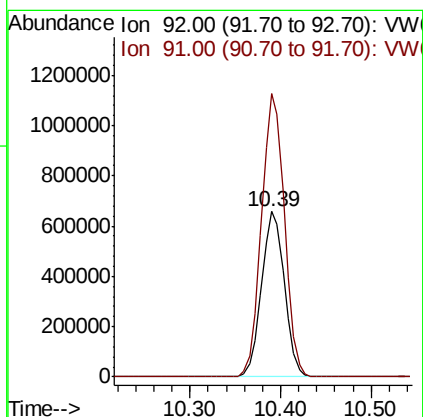
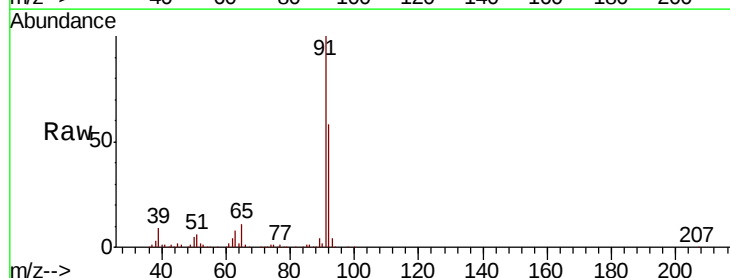
Acq: 15 Oct 2018 19:38

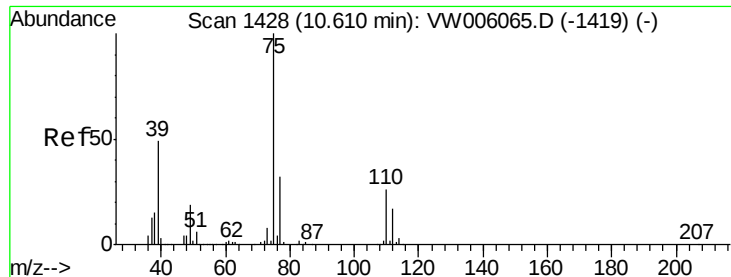
Tgt Ion: 92 Resp: 1142445

Ion Ratio Lower Upper

92 100

91 172.0 140.0 210.0





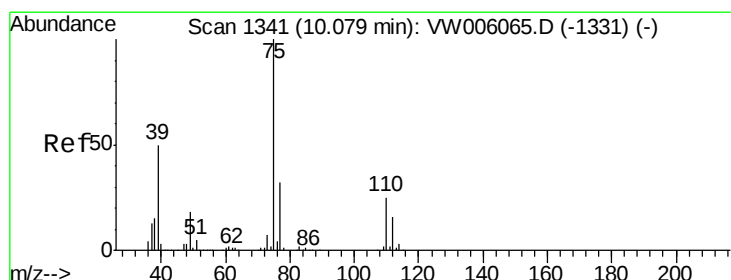
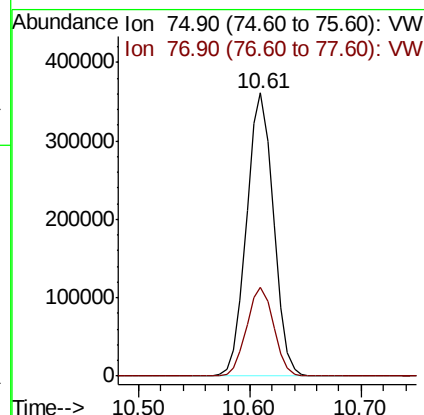
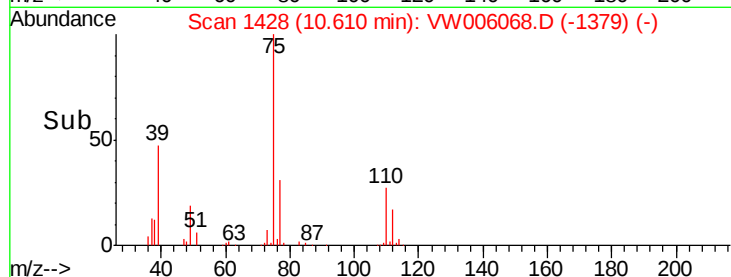
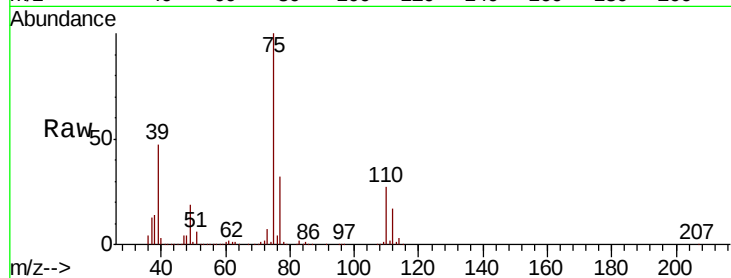
#53
t-1,3-Dichloropropene
Concen: 146.536 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2

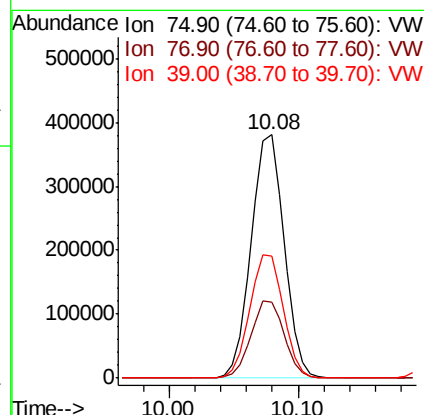
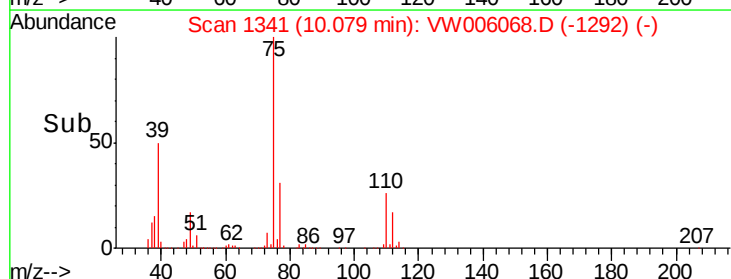
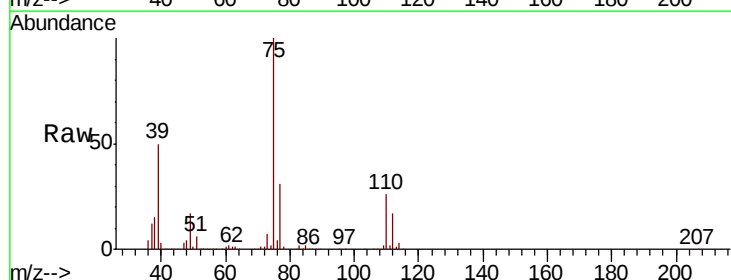
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#54
cis-1,3-Dichloropropene
Concen: 144.429 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.2	37.8
39	50.2	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 150.916 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

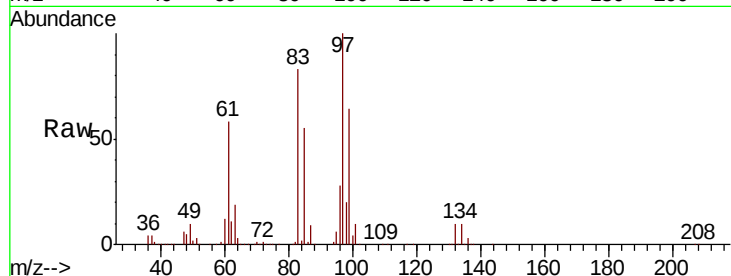
ClientSampleId :

VSTDIC150

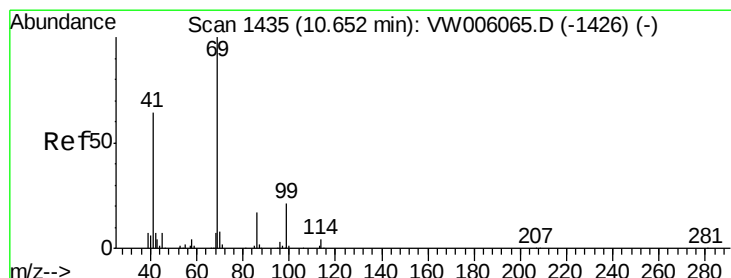
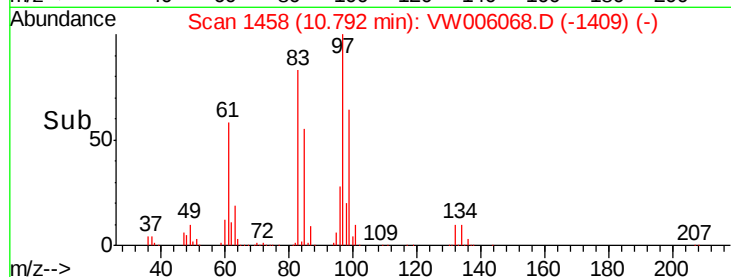
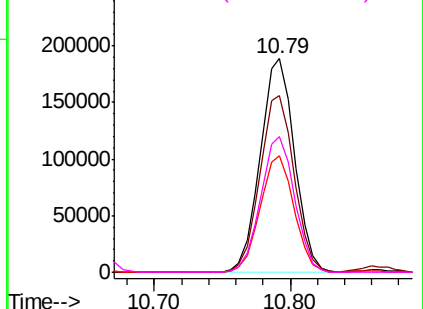
Tot Ion:	97	Resp:	333252
Ion Ratio	Lower	Upper	
97	100		
83	83.0	67.2	100.8
85	54.7	43.7	65.5
99	63.8	48.5	72.7

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Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 147.109 ug/l

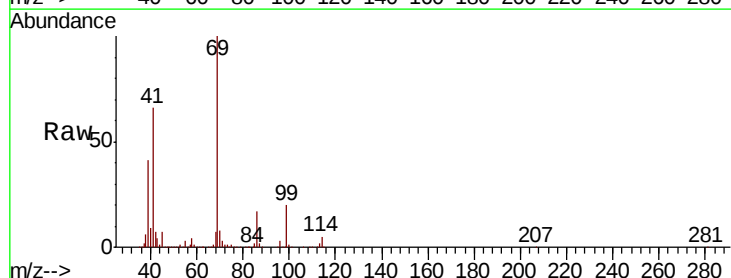
RT: 10.65 min Scan# 1434

Delta R.T. -0.01 min

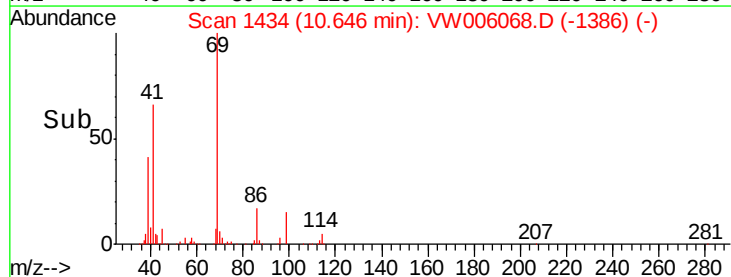
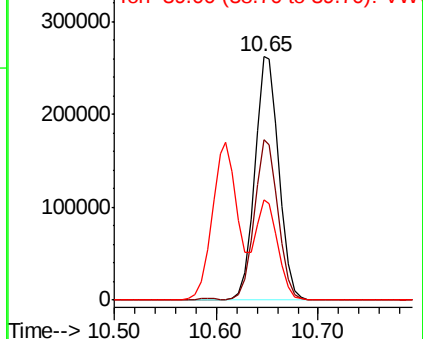
Lab File: VW006068.D

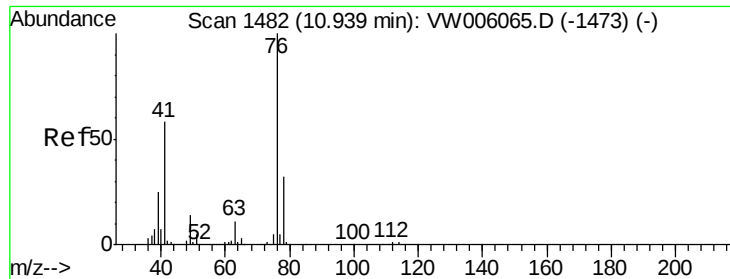
Acq: 15 Oct 2018 19:38

Tgt Ion:	69	Resp:	431621
Ion Ratio	Lower	Upper	
69	100		
41	64.8	52.8	79.2
39	40.1	30.6	45.8



Abundance Ion 69.00 (68.70 to 69.70): VW
Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW





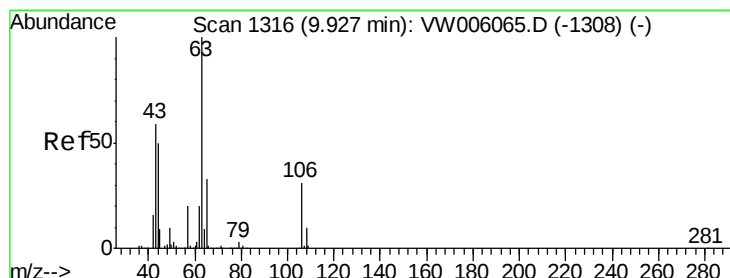
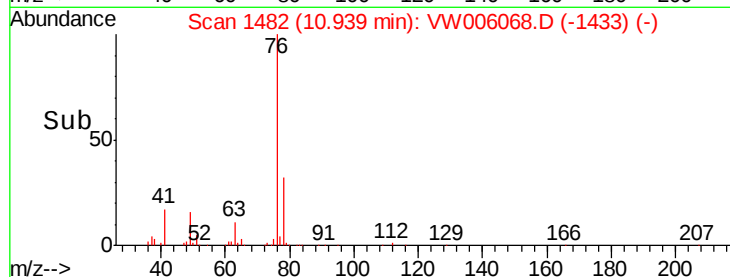
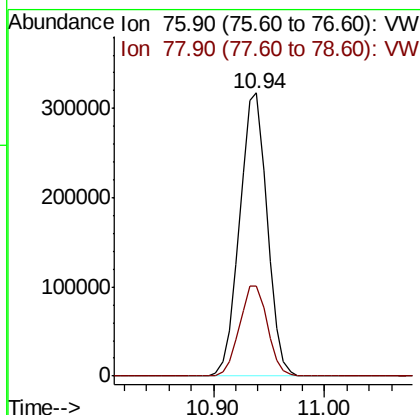
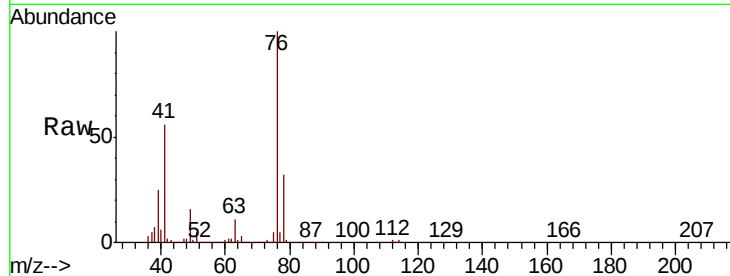
#57
 1,3-Dichloropropane
 Concen: 146.813 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

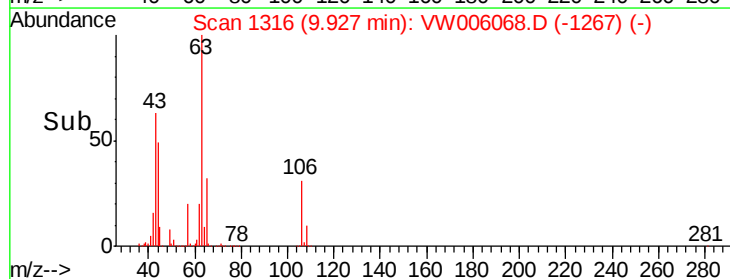
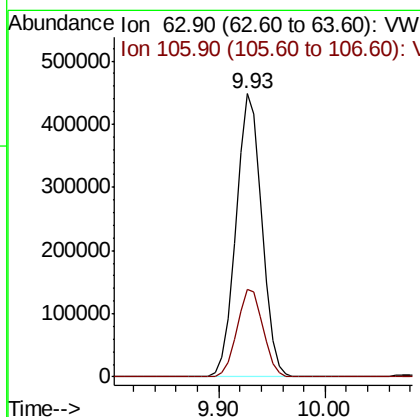
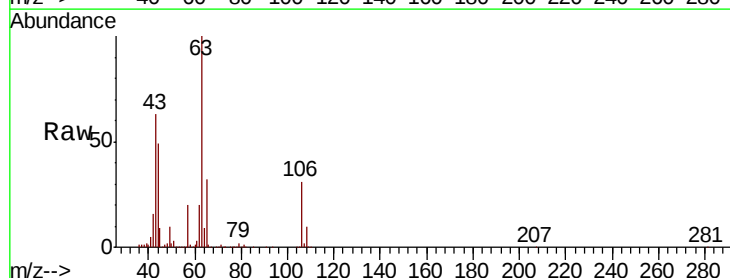
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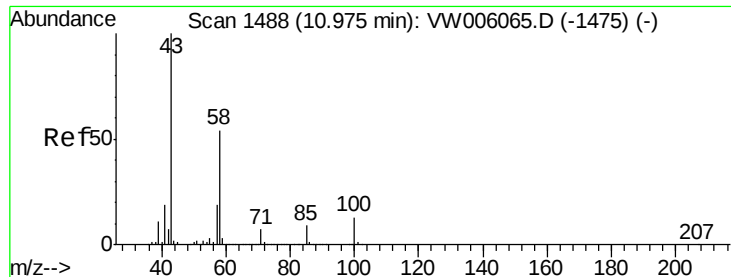
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#58
 2-Chloroethyl Vinyl ether
 Concen: 642.175 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.3	24.5	36.7





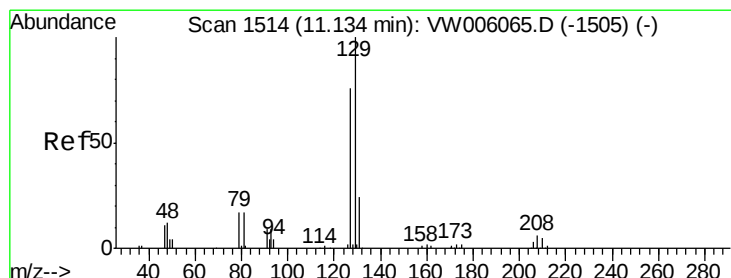
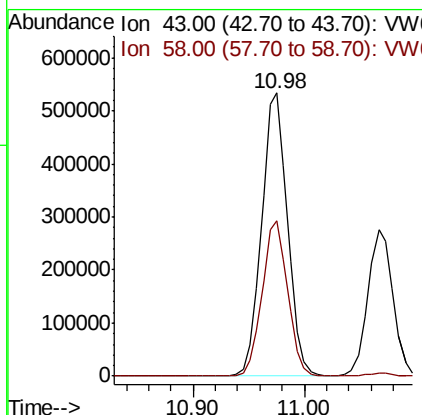
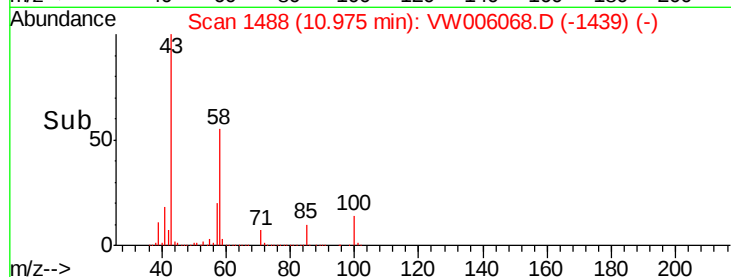
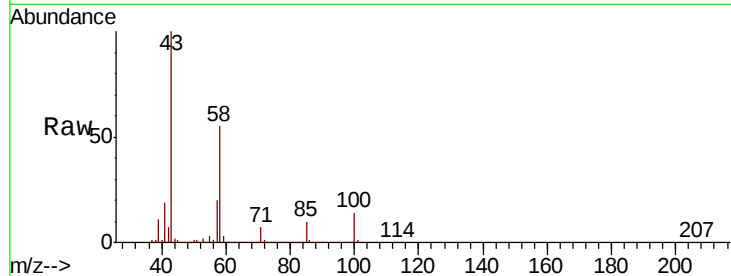
#59
2-Hexanone
Concen: 679.683 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 865085
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.6

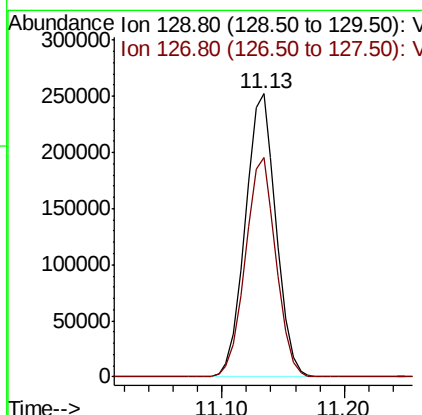
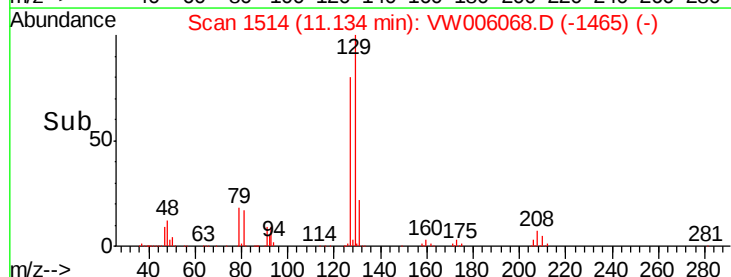
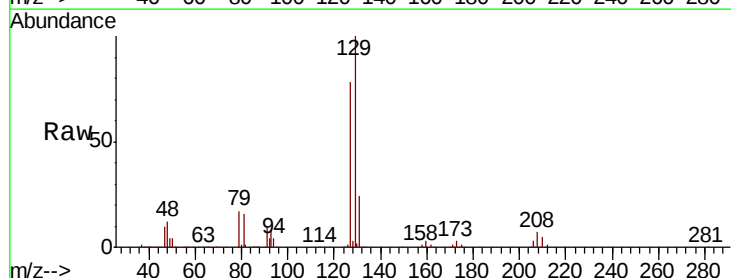
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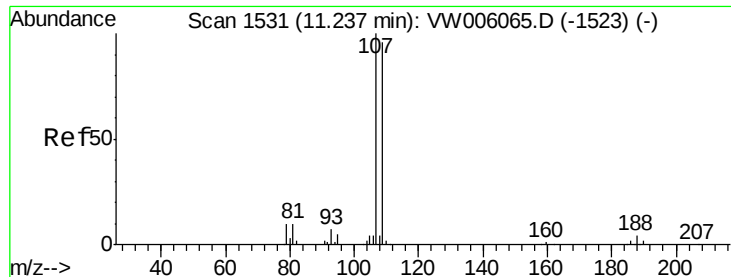
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#60
Dibromochloromethane
Concen: 154.910 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion: 129 Resp: 439675
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7





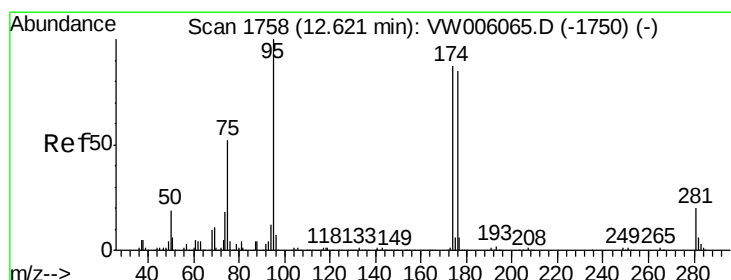
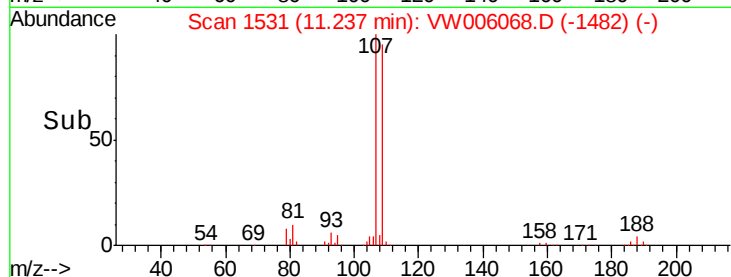
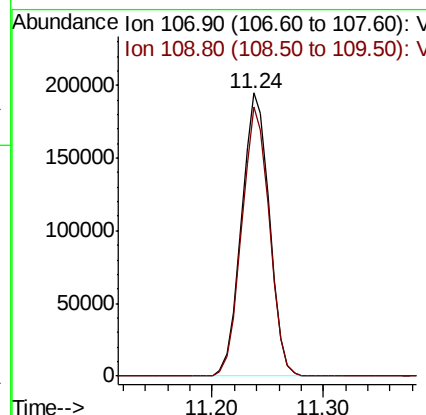
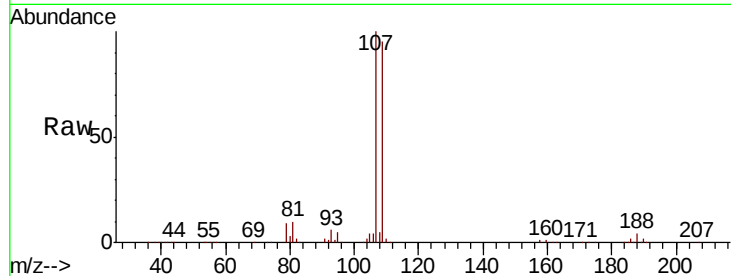
#61
 1,2-Dibromoethane
 Concen: 152.141 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
107	100	335992		
109	94.7	76.3	114.5	

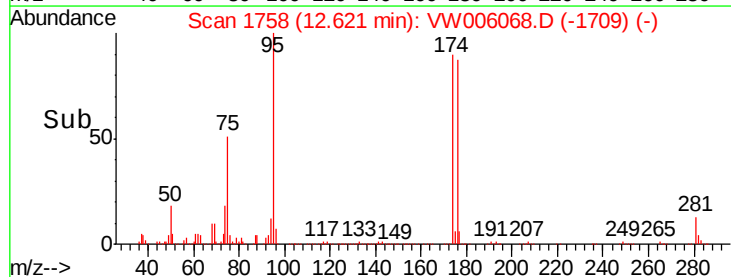
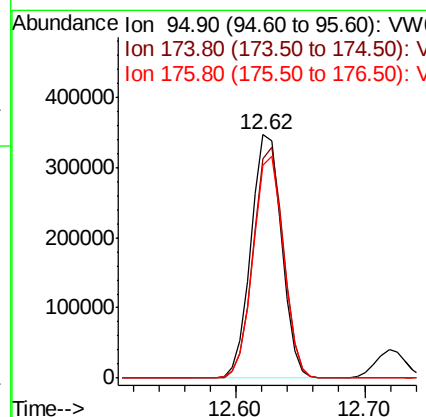
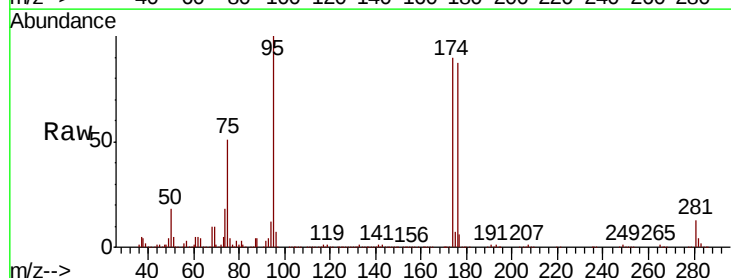
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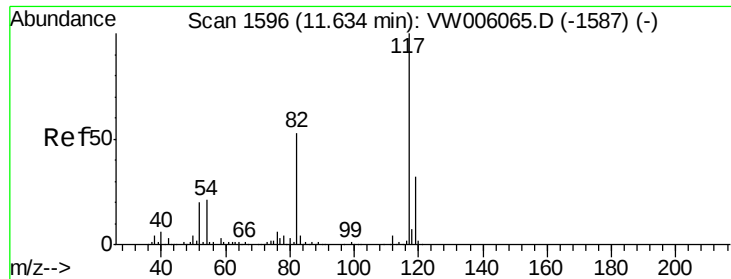
apatel
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#62
 4-Bromofluorobenzene
 Concen: 138.625 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	567697		
174	93.0	0.0	186.0	
176	90.5	0.0	181.6	





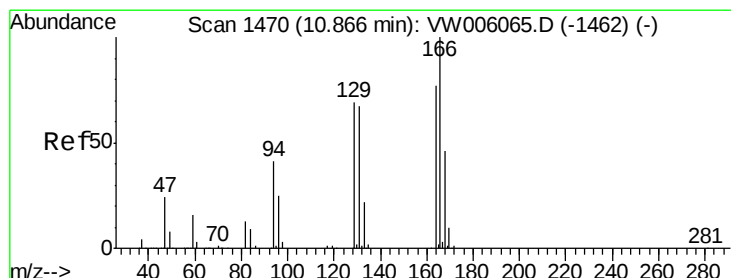
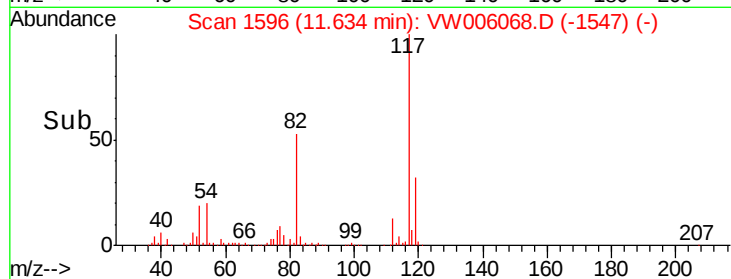
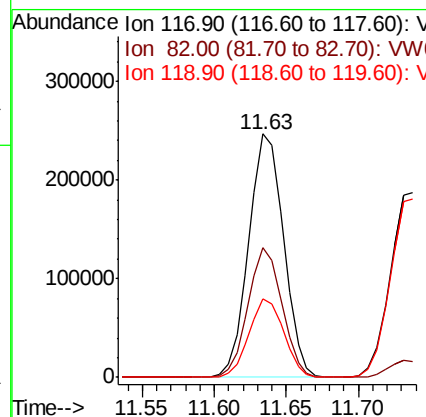
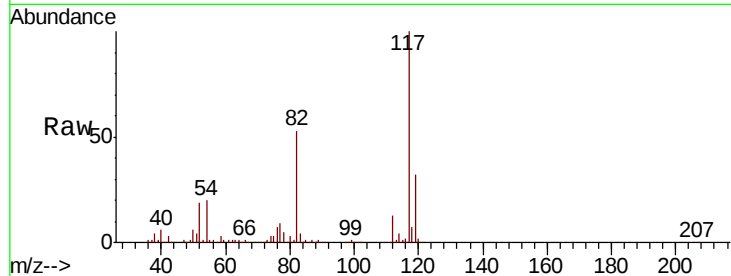
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	413866		
82	53.1	42.1	63.1	
119	32.1	25.8	38.6	

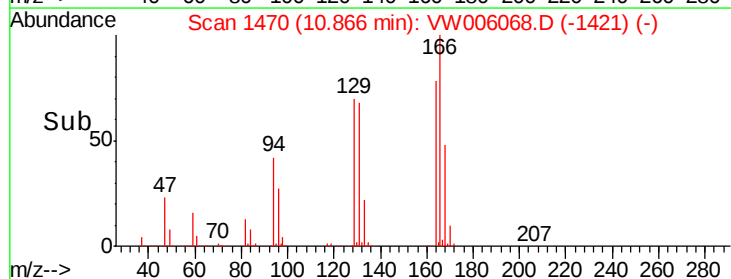
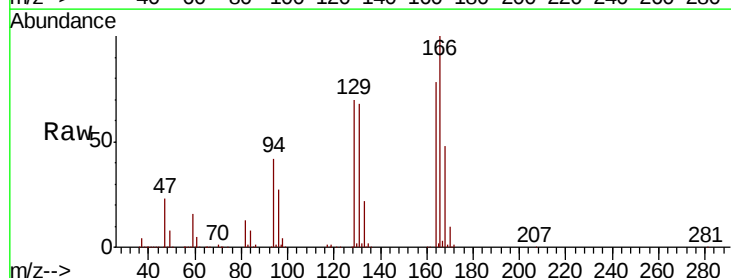
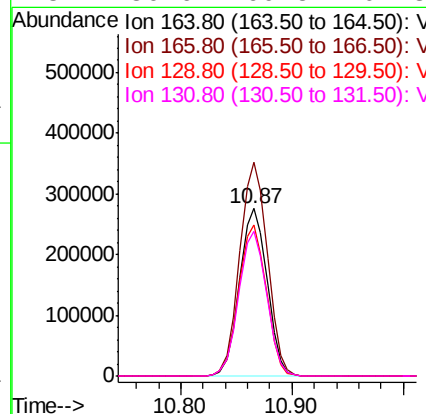
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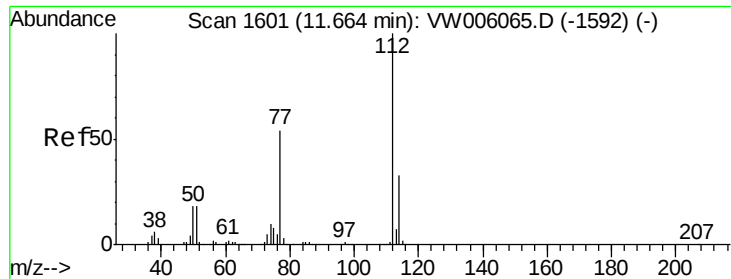
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#64
Tetrachloroethene
Concen: 154.330 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	474858		
166	127.8	103.4	155.0	
129	90.0	71.8	107.8	
131	86.6	69.5	104.3	





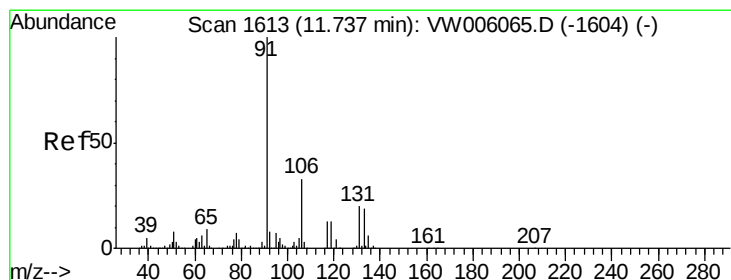
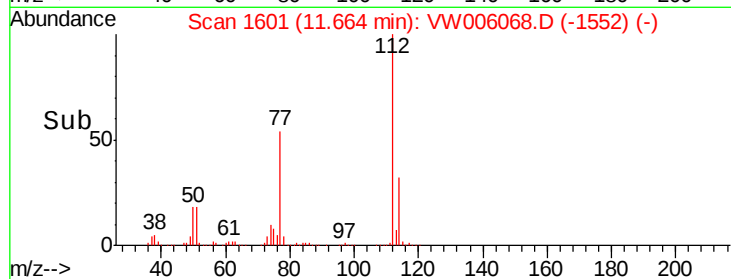
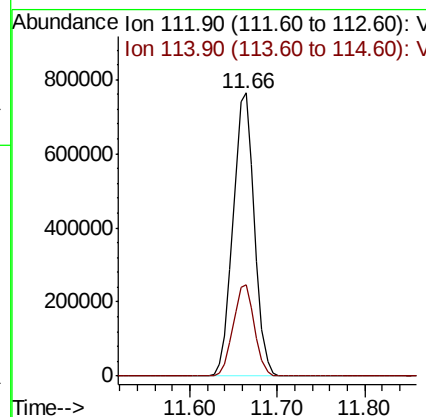
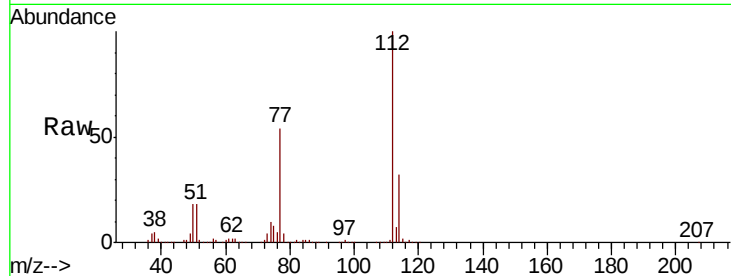
#65
Chlorobenzene
Concen: 147.311 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1293465
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

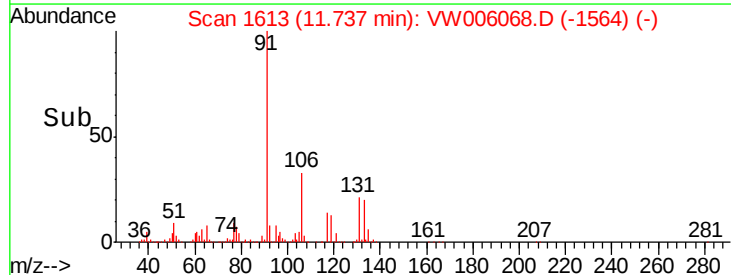
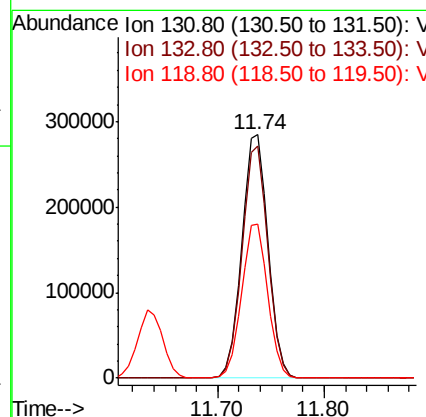
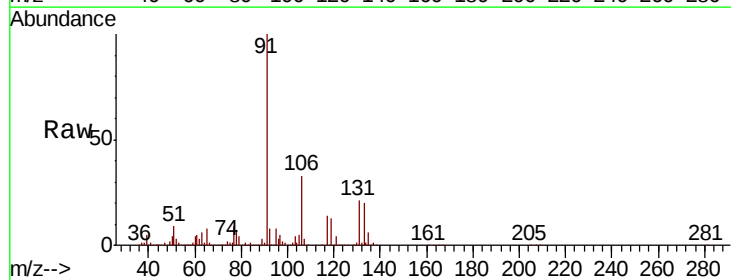
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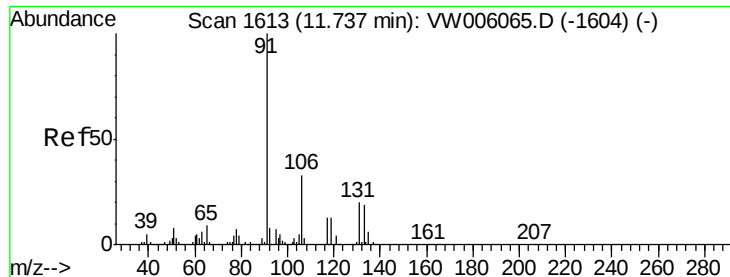
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#66
1,1,1,2-Tetrachloroethane
Concen: 152.595 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion:131 Resp: 491233
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.3
119 63.2 31.6 94.7





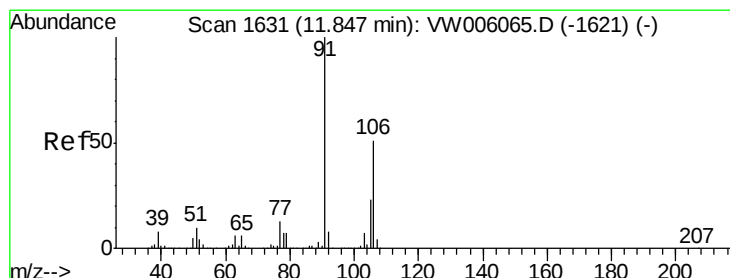
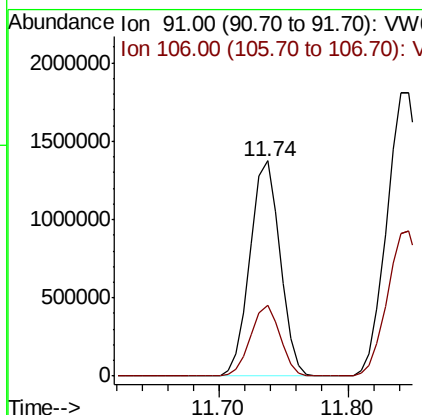
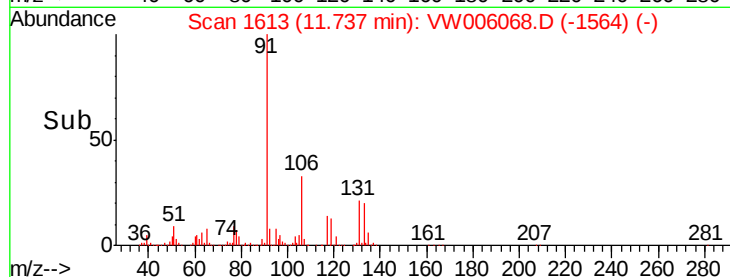
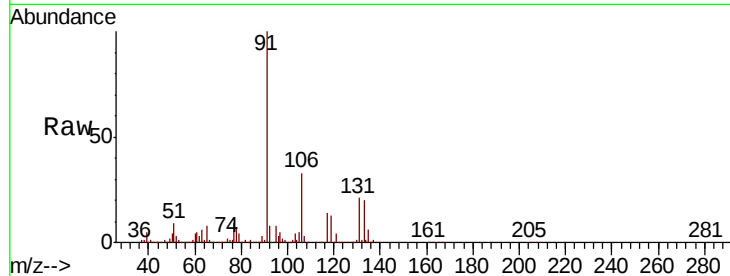
#67
Ethyl Benzene
Concen: 143.174 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2212747
Ion Ratio Lower Upper
91 100
106 32.9 26.1 39.1

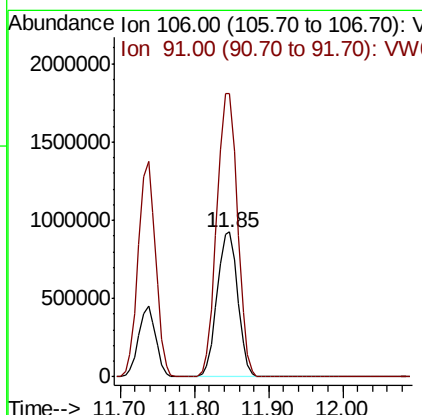
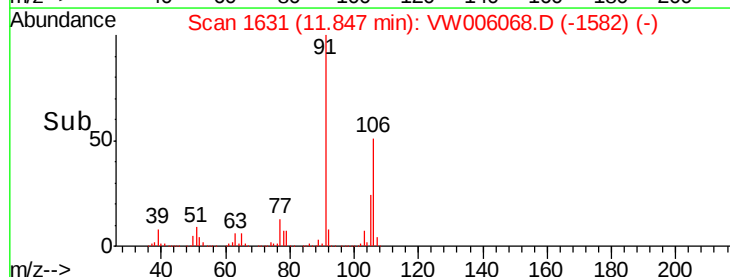
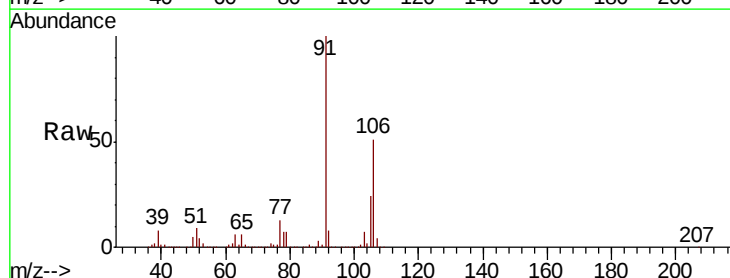
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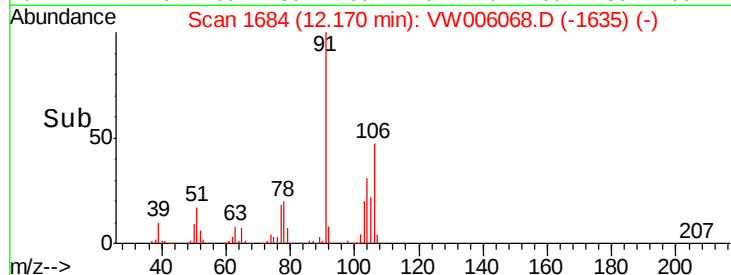
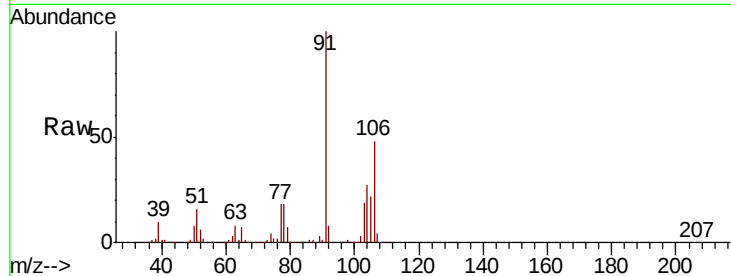
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#68
m/p-Xylenes
Concen: 292.857 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion: 106 Resp: 1773994
Ion Ratio Lower Upper
106 100
91 196.6 159.1 238.7





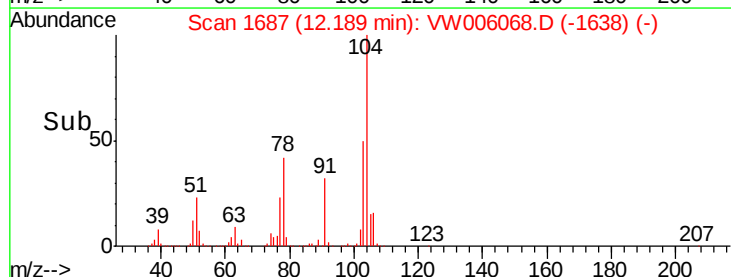
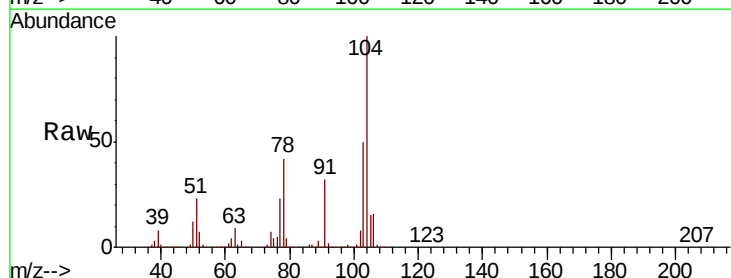
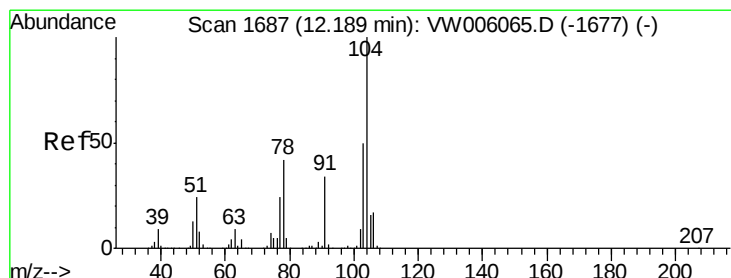
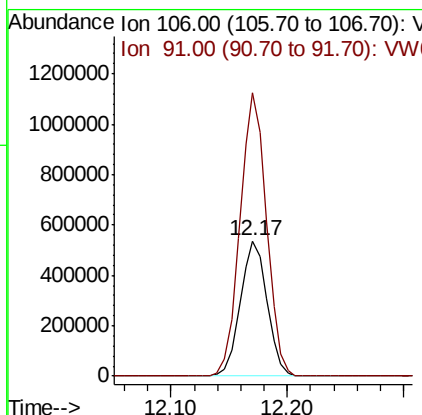
#69
o-Xylene
Concen: 147.682 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tot Ion:106 Resp: 857207
Ion Ratio Lower Upper
106 100
91 207.9 105.4 316.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

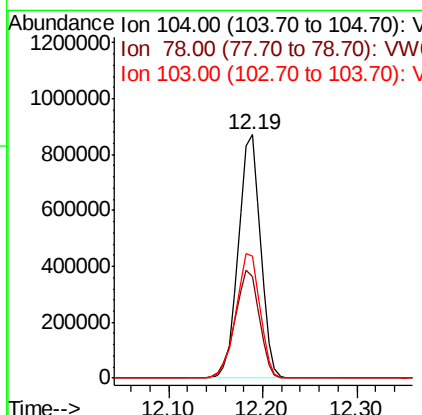
Manual Integrations
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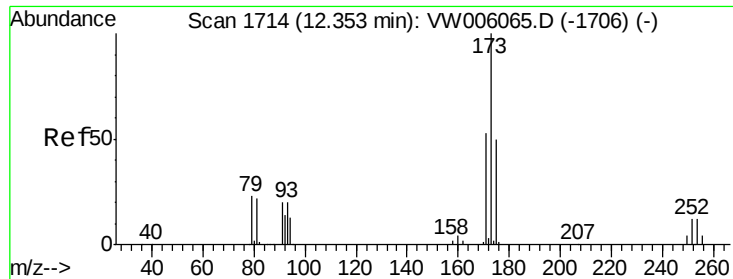
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#70
Styrene
Concen: 147.869 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion:104 Resp: 1421231
Ion Ratio Lower Upper
104 100
78 48.8 39.1 58.7
103 55.5 44.3 66.5





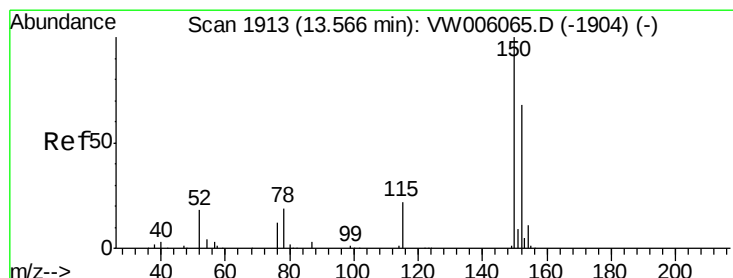
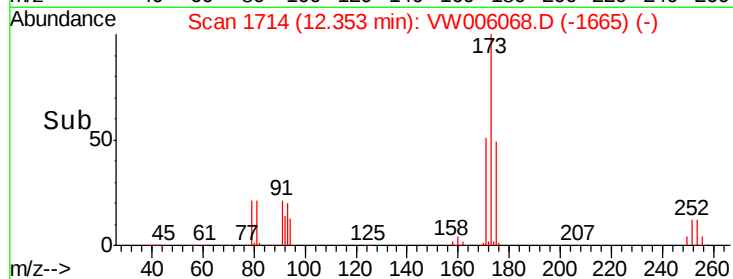
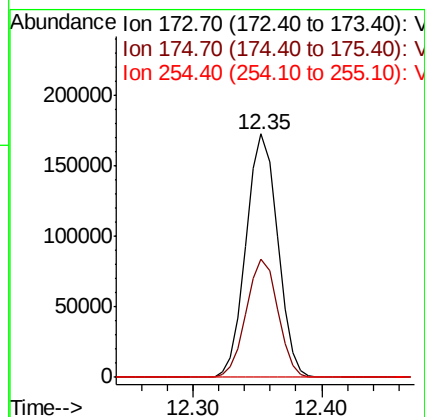
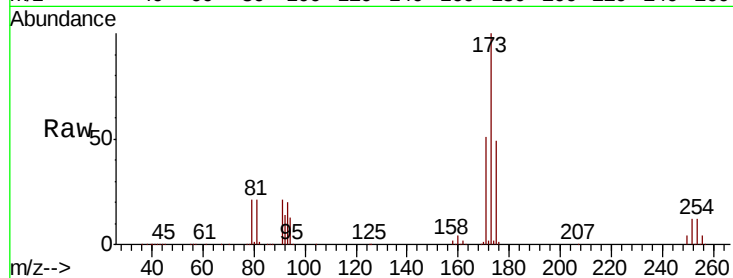
#71
Bromoform
Concen: 153.702 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.2	72.6
254	0.2	0.1	0.1#

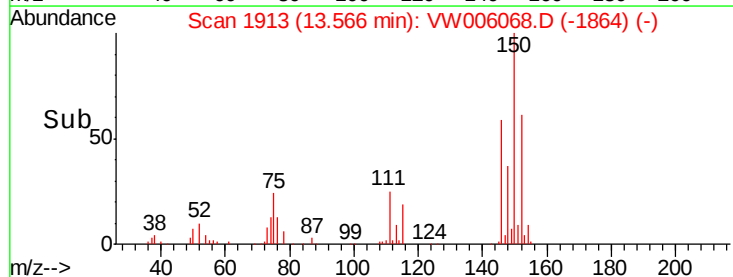
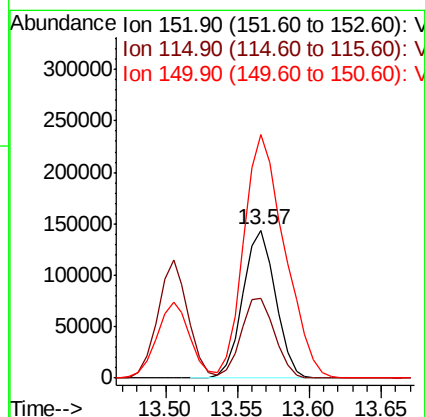
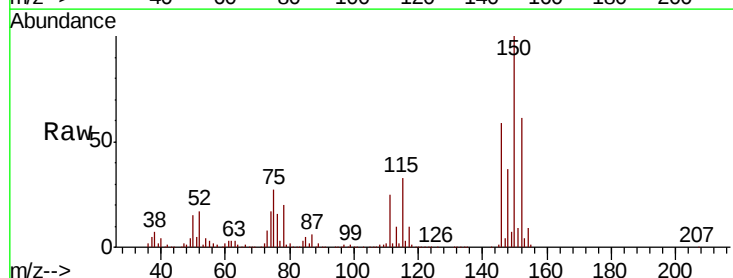
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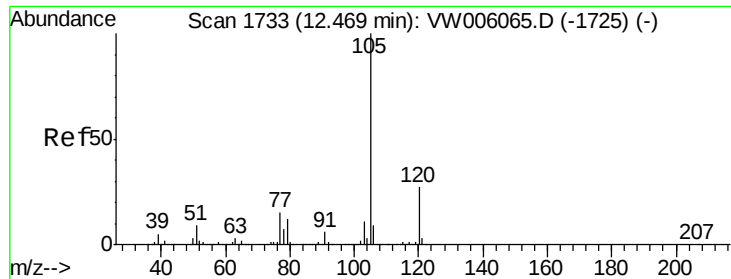
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.8	83.3
150	205.9	0.0	349.2





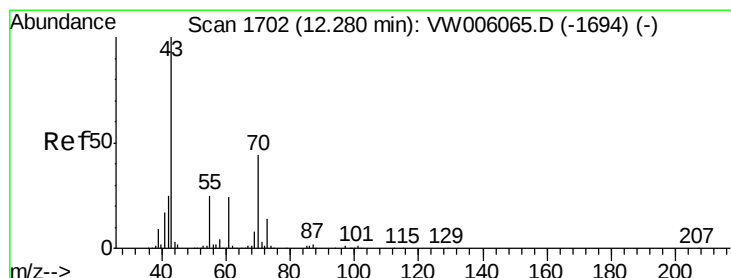
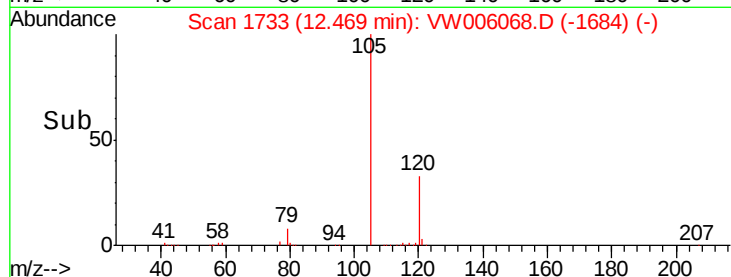
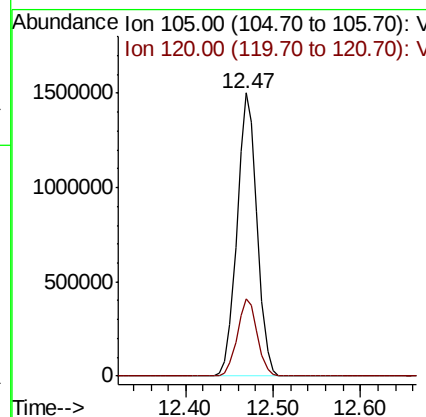
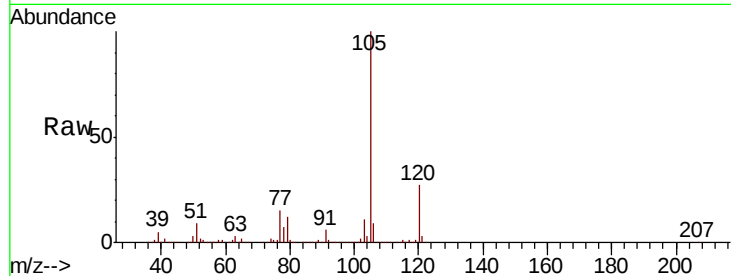
#73
Isopropylbenzene
Concen: 146.753 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:105 Resp: 2384680
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.7

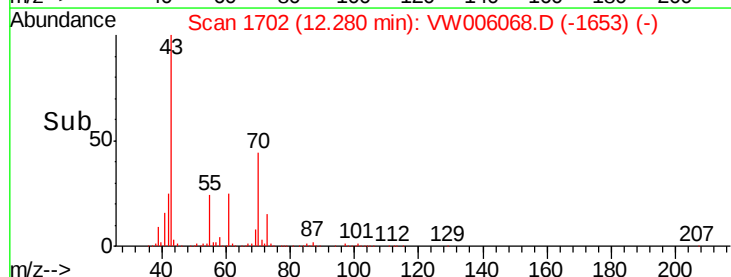
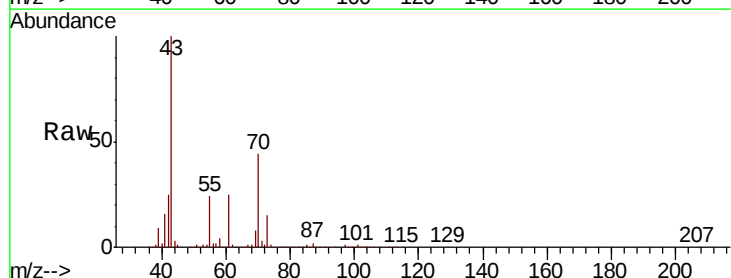
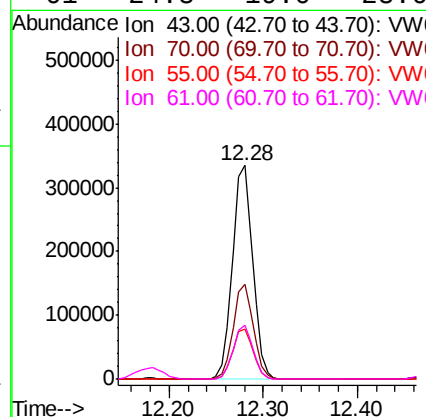
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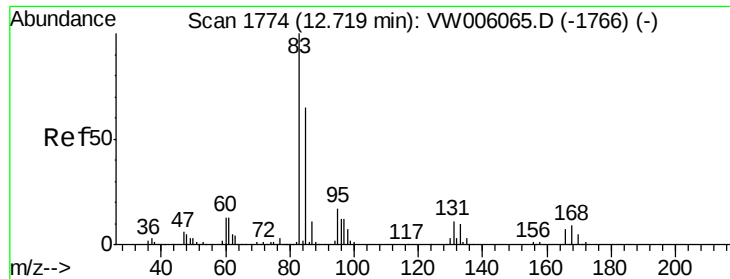
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#74
N-ethyl acetate
Concen: 133.236 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion: 43 Resp: 501482
Ion Ratio Lower Upper
43 100
70 43.9 34.2 51.4
55 23.9 19.2 28.8
61 24.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 143.002 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

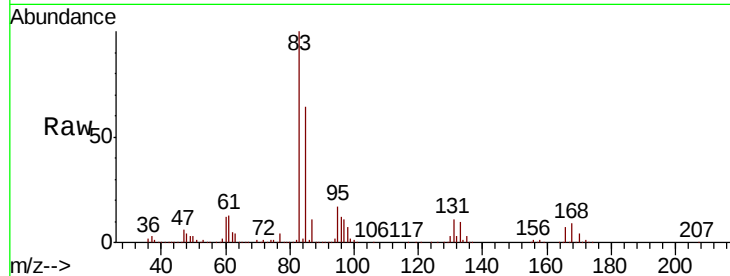
ClientSampleId :

VSTDIC150

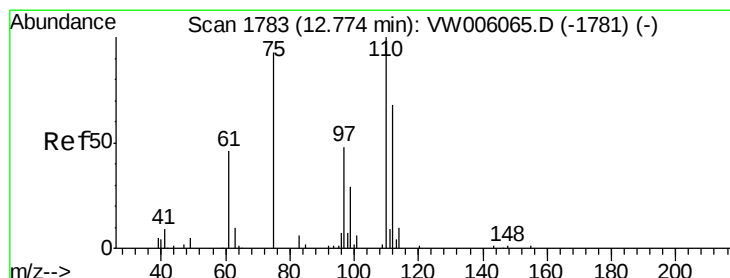
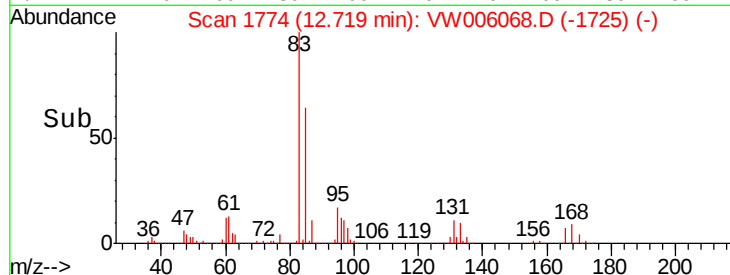
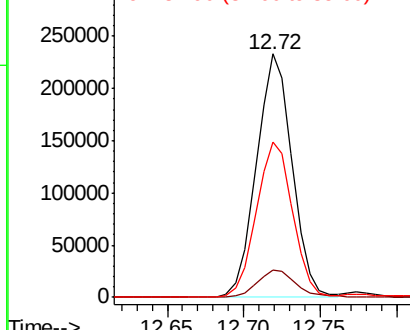
Tot Ion:	83	Resp:	378508
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.9	17.7
85	65.0	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 128.259 ug/l m

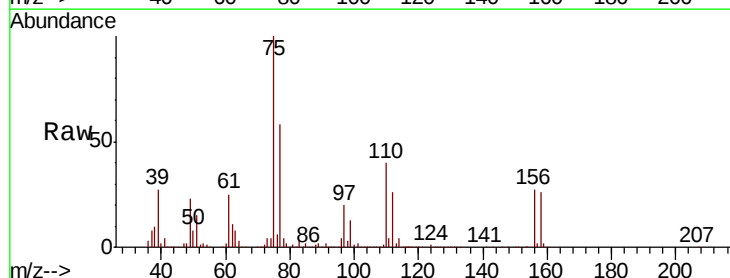
RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

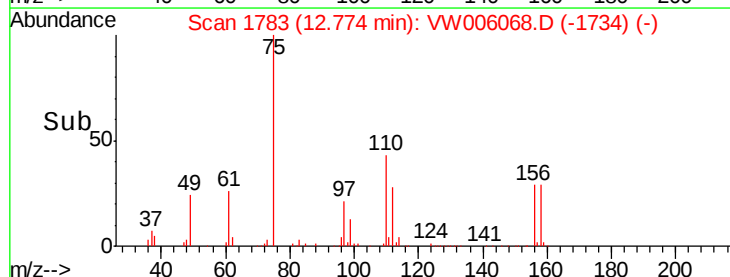
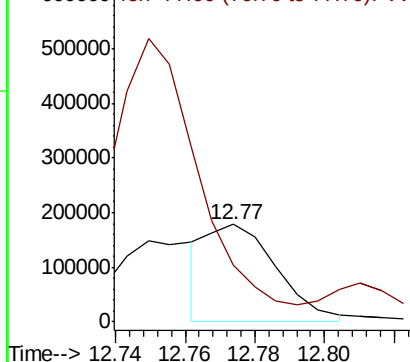
Lab File: VW006068.D

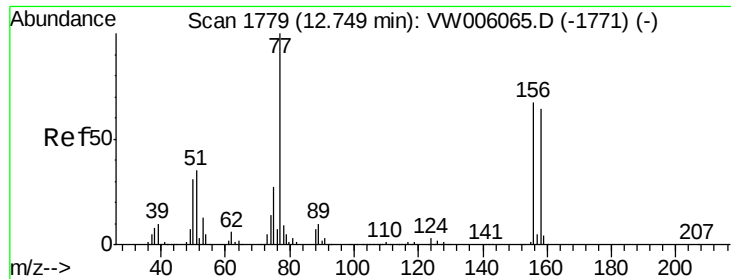
Acq: 15 Oct 2018 19:38

Tgt Ion:	75	Resp:	249121
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





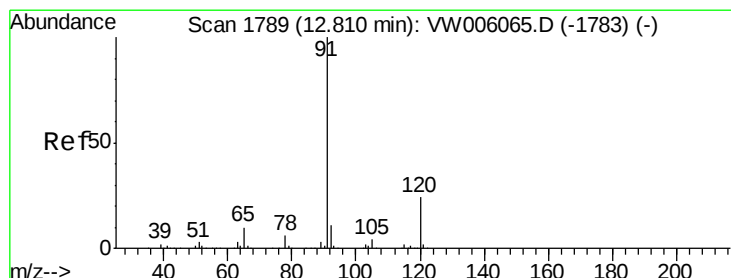
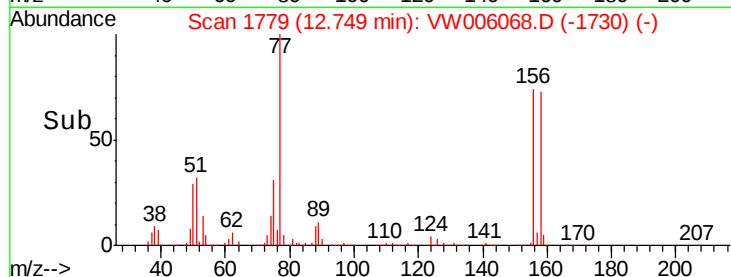
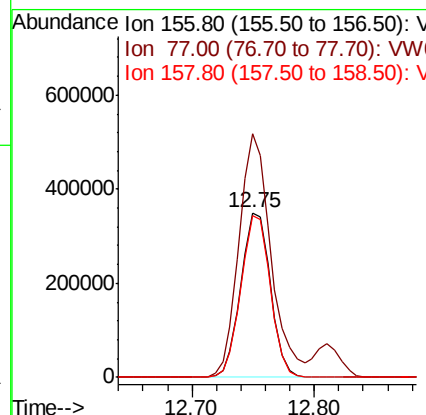
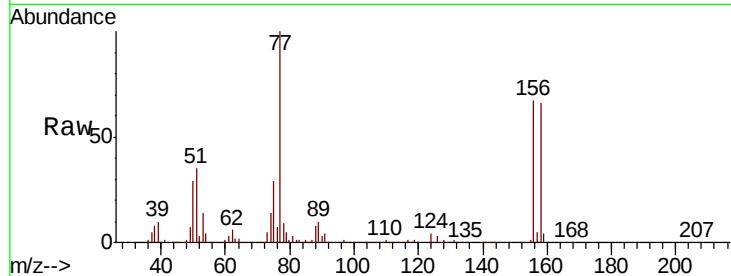
#77
Bromobenzene
Concen: 151.242 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
156	100	585617		
77	159.8	79.1	237.4	
158	97.8	48.5	145.6	

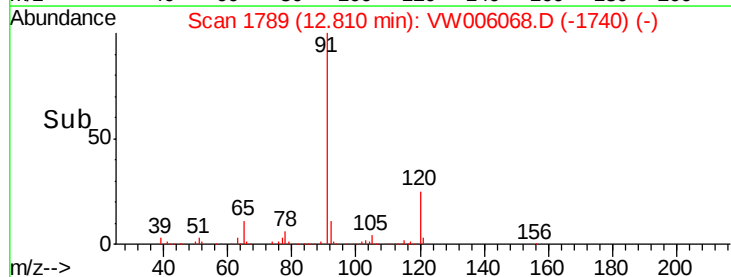
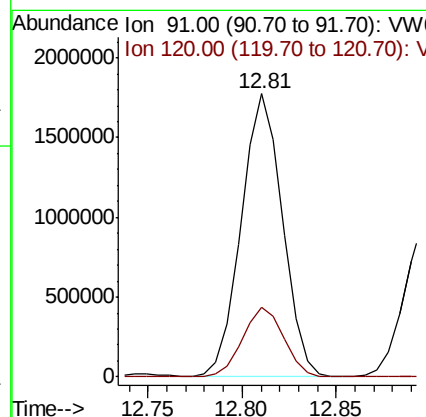
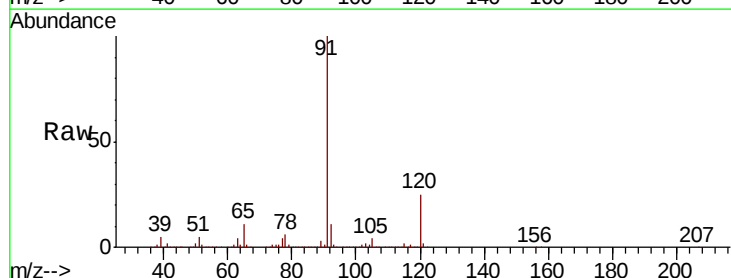
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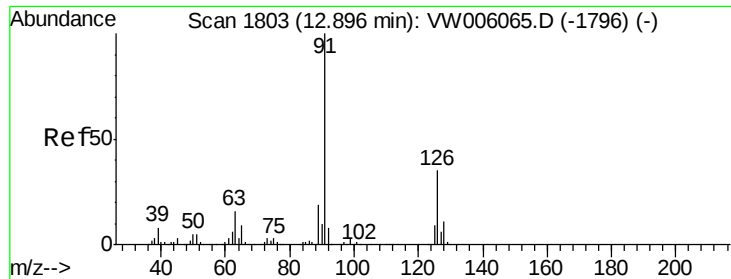
apatel
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#78
n-propylbenzene
Concen: 140.822 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2689526		
120	24.6	12.2	36.6	





#79

2-Chlorotoluene

Concen: 141.984 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1532646

Ion Ratio Lower Upper

91 100

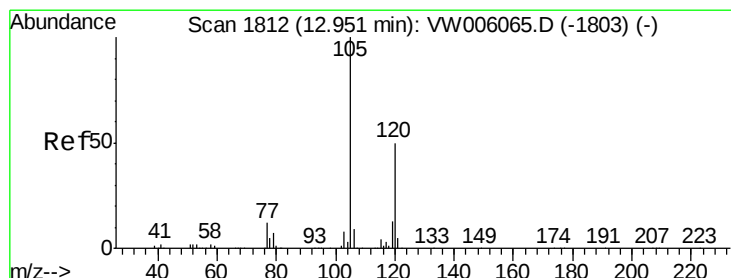
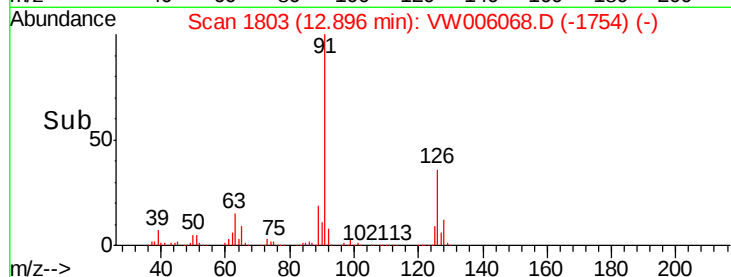
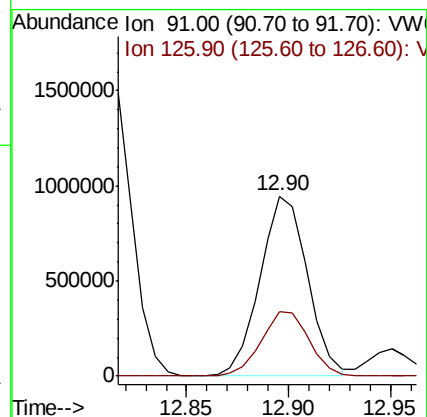
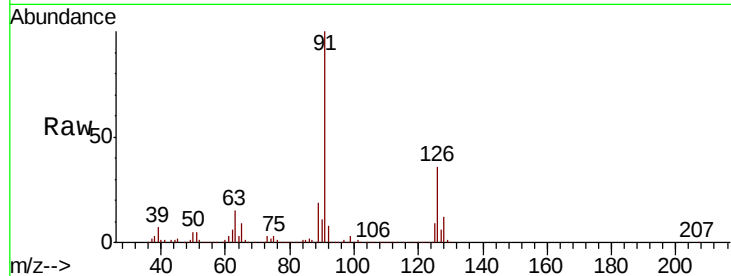
126 36.3 17.9 53.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 143.717 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006068.D

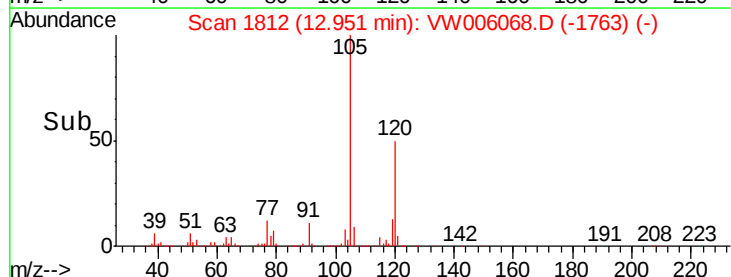
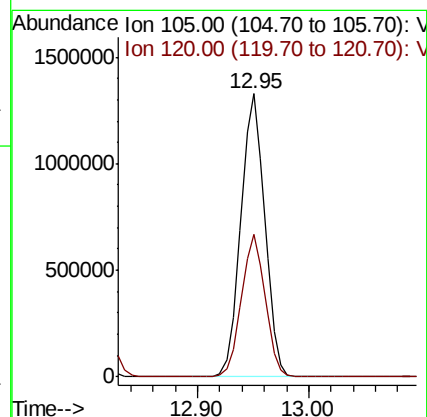
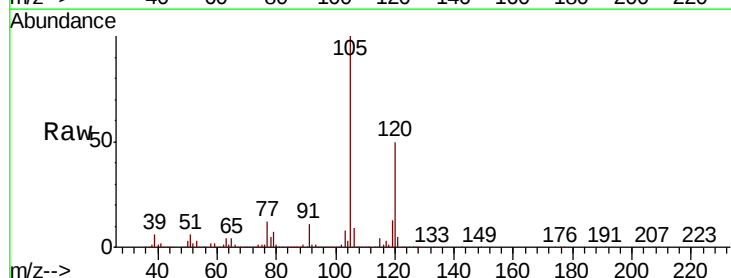
Acq: 15 Oct 2018 19:38

Tgt Ion:105 Resp: 1974334

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.6





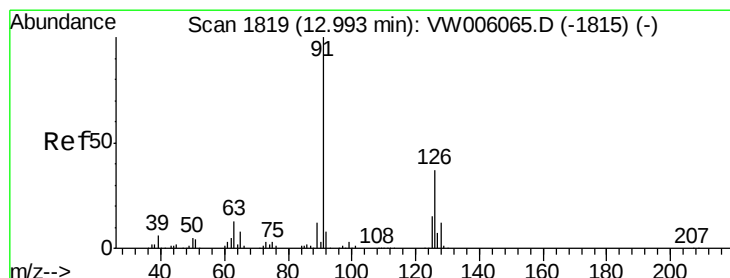
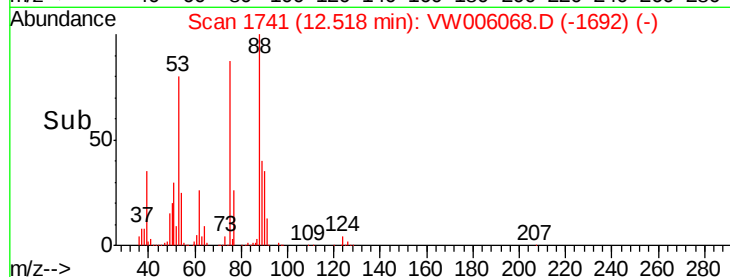
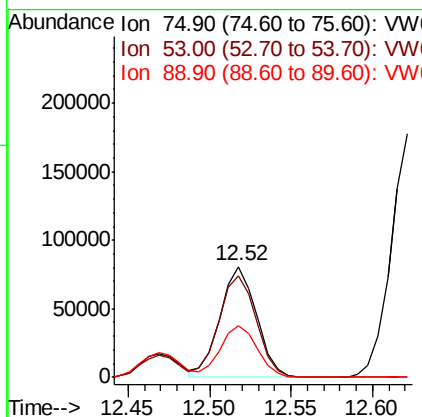
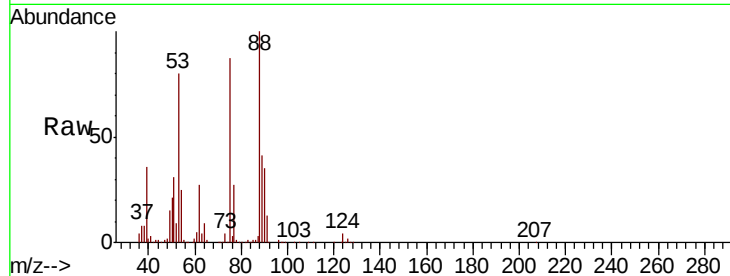
#81
trans-1,4-Dichloro-2-butene
Concen: 136.375 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.0	79.8	119.6
89	47.2	37.5	56.3

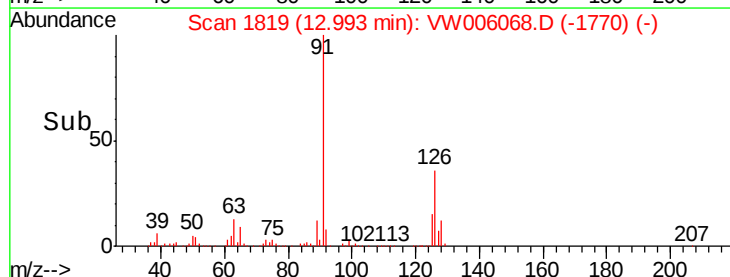
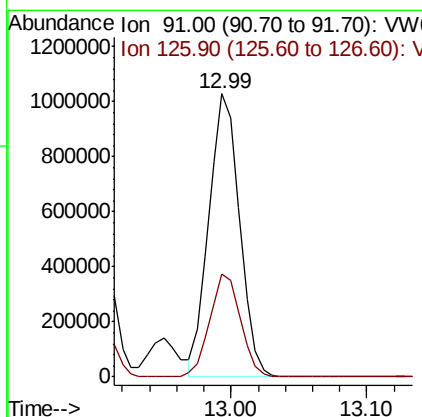
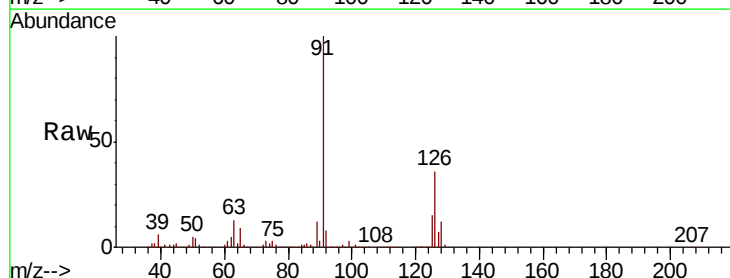
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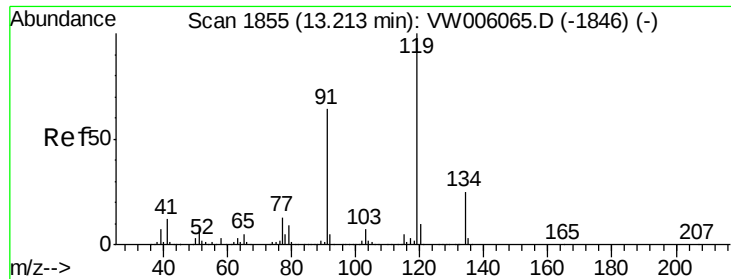
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#82
4-Chlorotoluene
Concen: 141.809 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.1	54.3





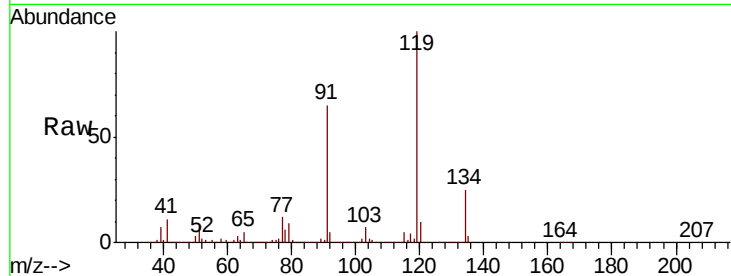
#83
tert-Butylbenzene
Concen: 145.585 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

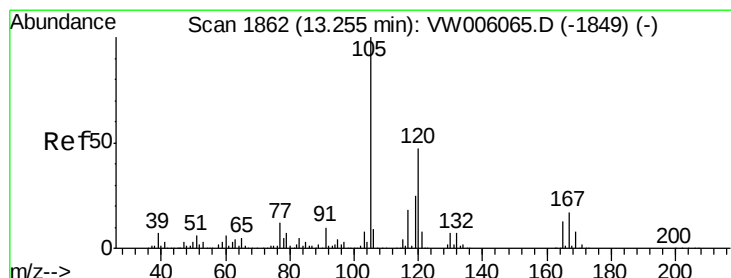
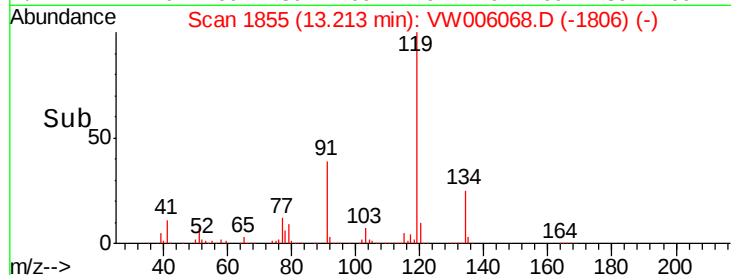
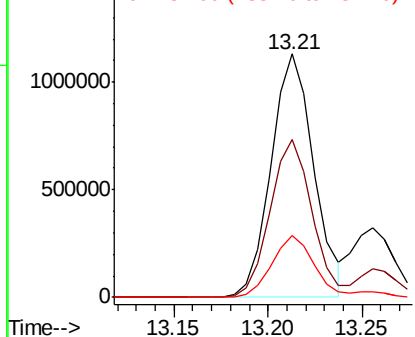
Tot Ion:119 Resp: 1776702
Ion Ratio Lower Upper
119 100
91 64.4 32.3 96.9
134 26.9 13.6 40.8

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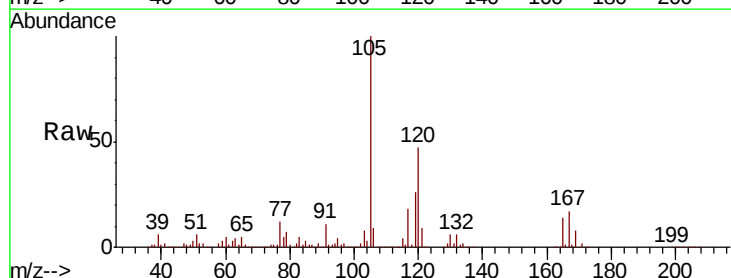


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

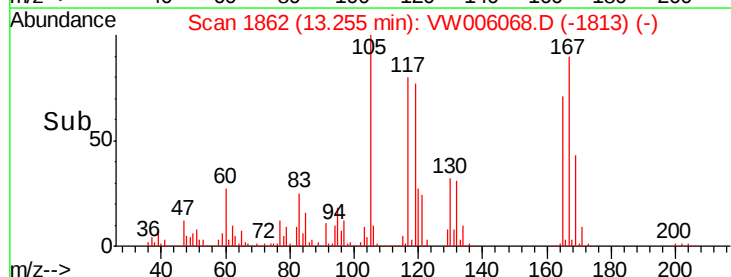
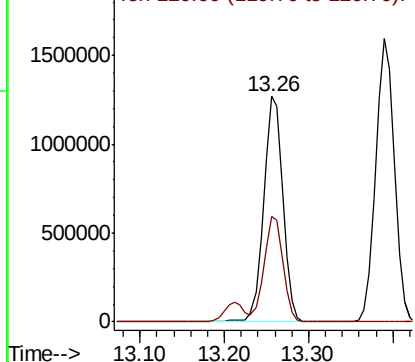


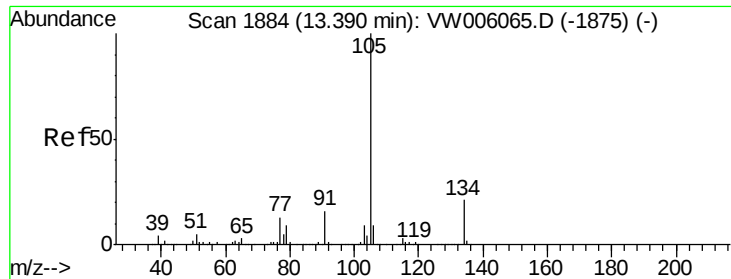
#84
1,2,4-Trimethylbenzene
Concen: 143.456 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion:105 Resp: 1985880
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 143.160 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2454359

Ion Ratio Lower Upper

105 100

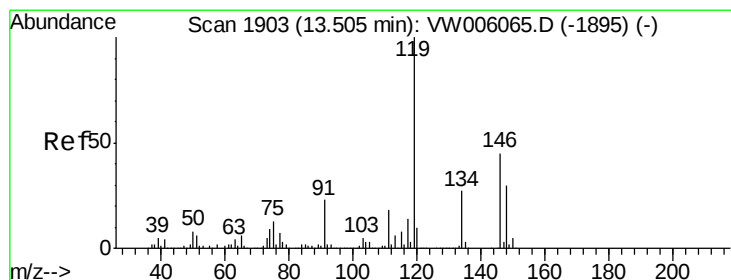
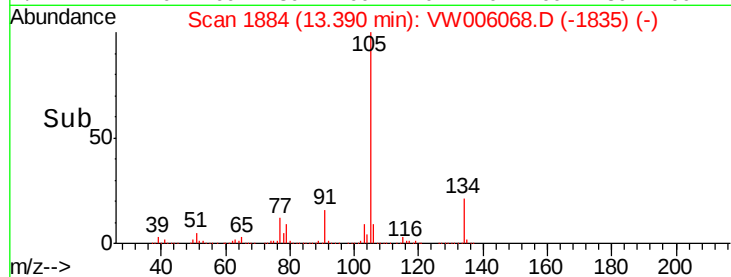
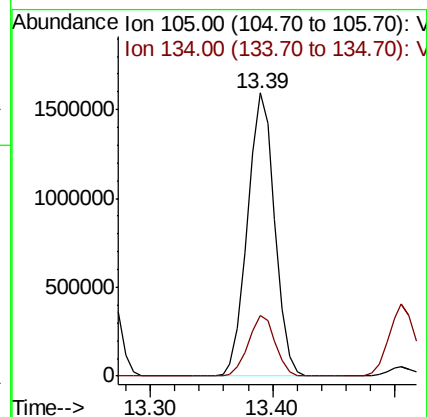
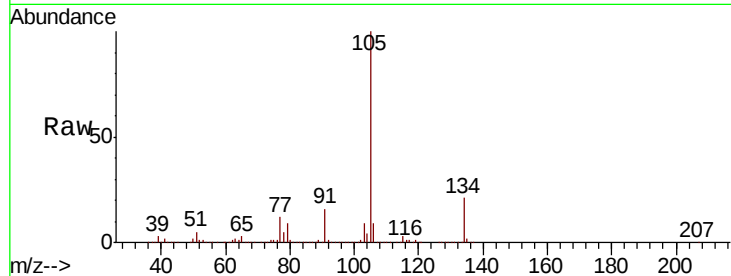
134 21.3 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 144.050 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

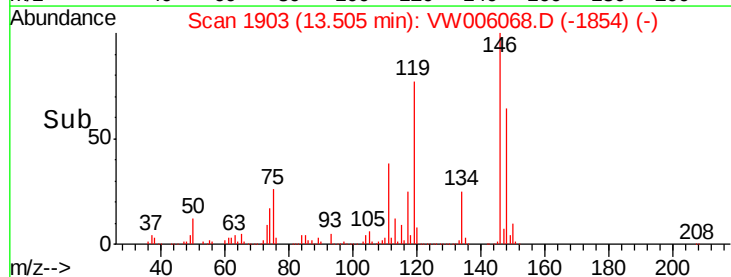
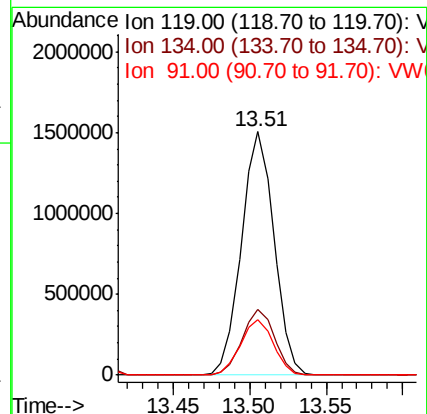
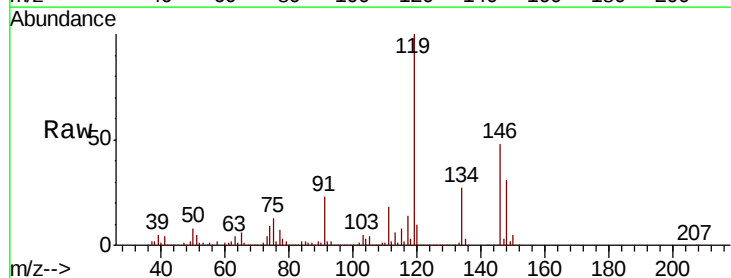
Tgt Ion:119 Resp: 2224218

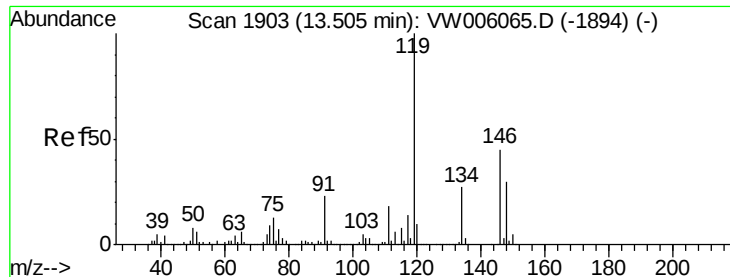
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 23.0 11.4 34.1





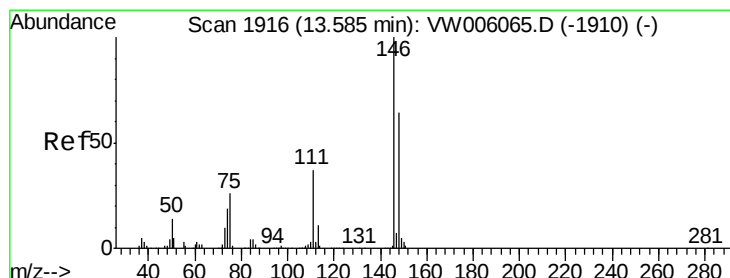
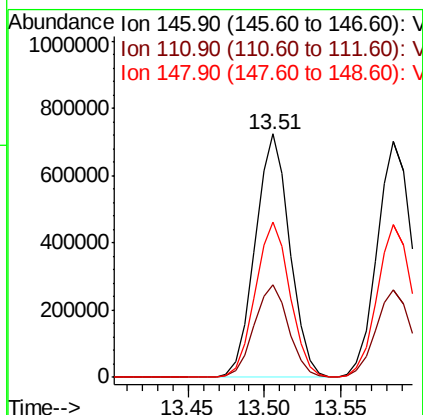
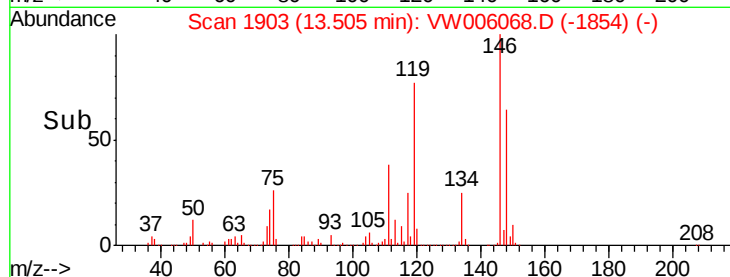
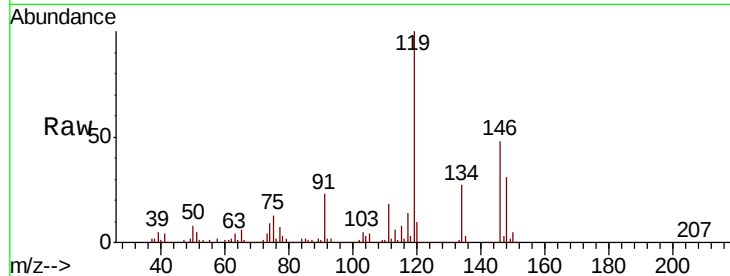
#87
 1,3-Dichlorobenzene
 Concen: 148.068 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	64.1	32.0	96.2

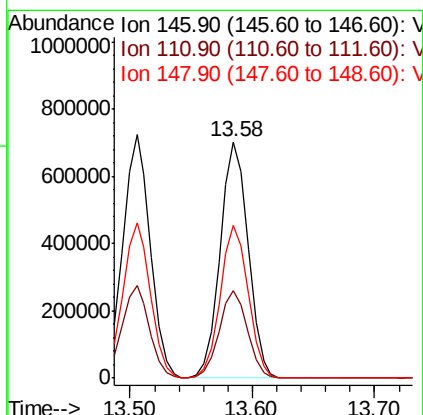
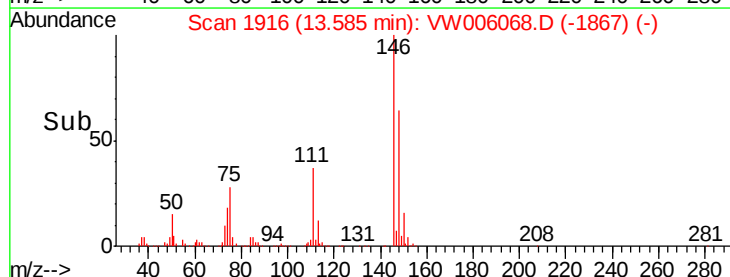
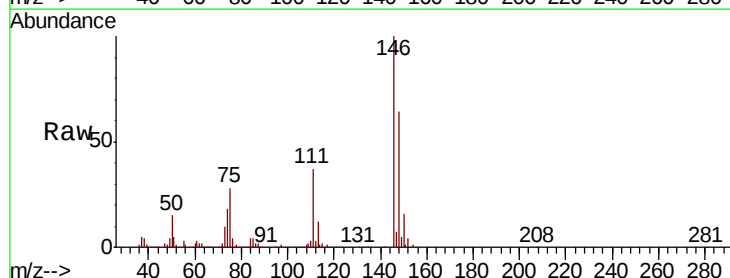
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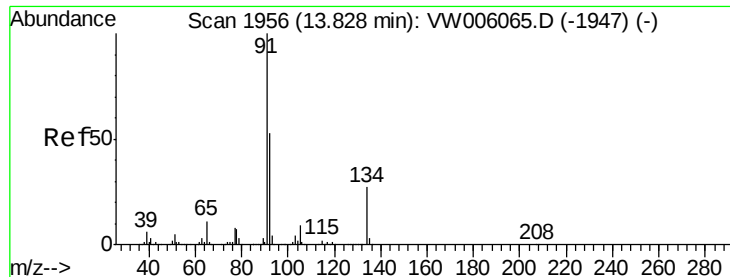
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#88
 1,4-Dichlorobenzene
 Concen: 145.897 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	56.0
148	64.2	32.1	96.5





#89

n-Butylbenzene

Concen: 137.902 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1994333

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

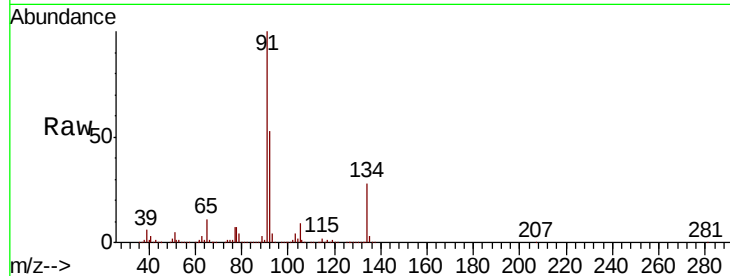
134 28.6 14.0 41.9

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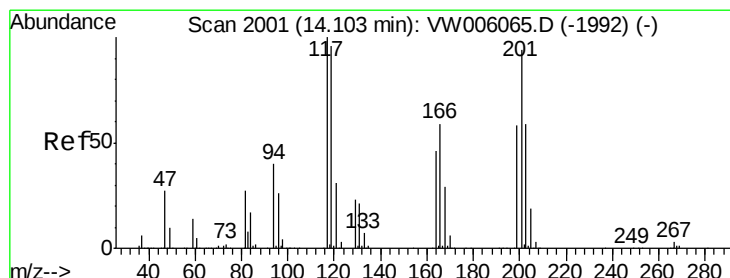
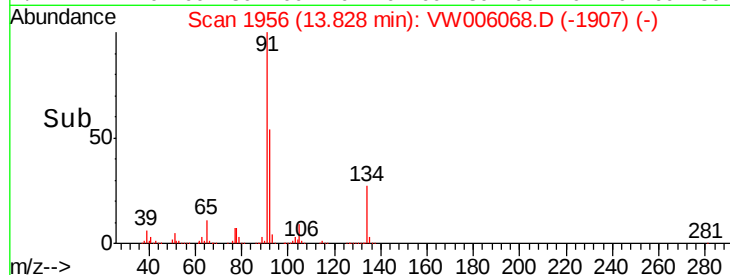
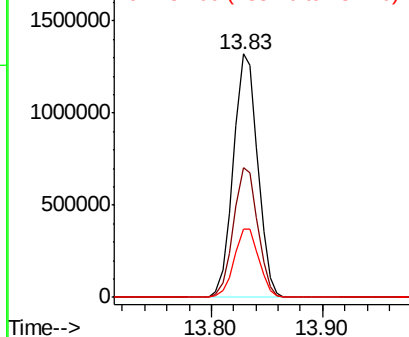
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Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 140.461 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW006068.D

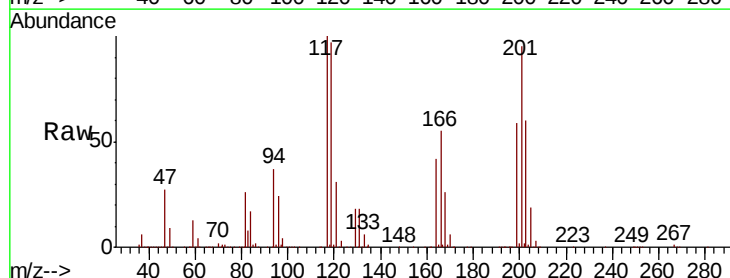
Acq: 15 Oct 2018 19:38

Tgt Ion: 117 Resp: 403477

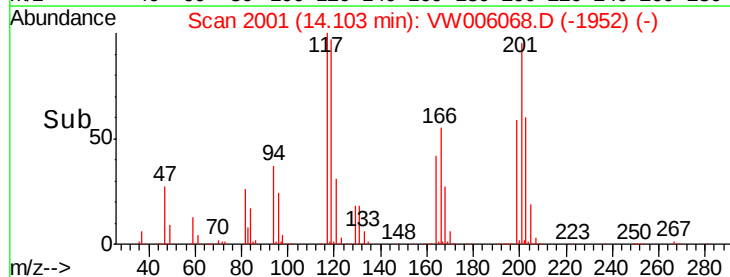
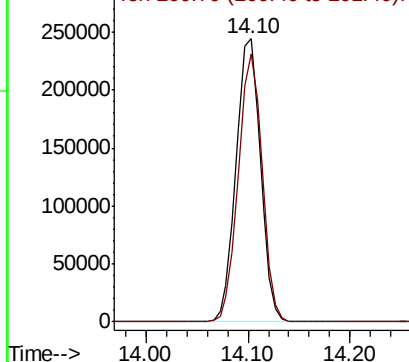
Ion Ratio Lower Upper

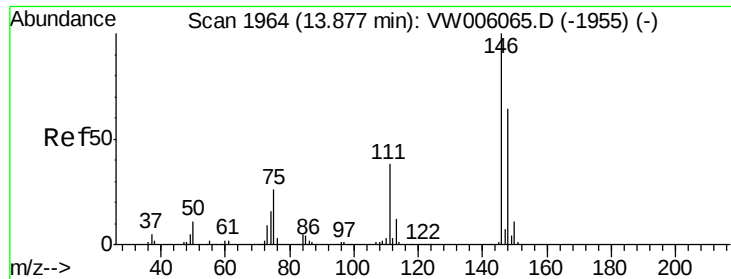
117 100

201 92.5 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





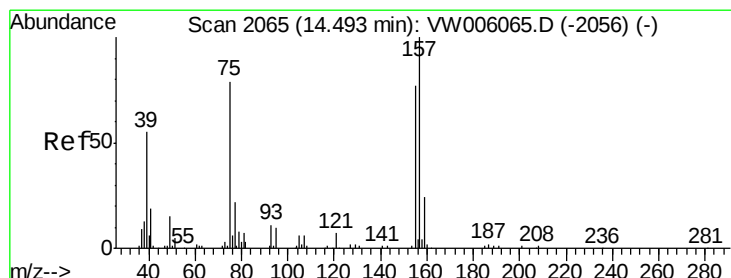
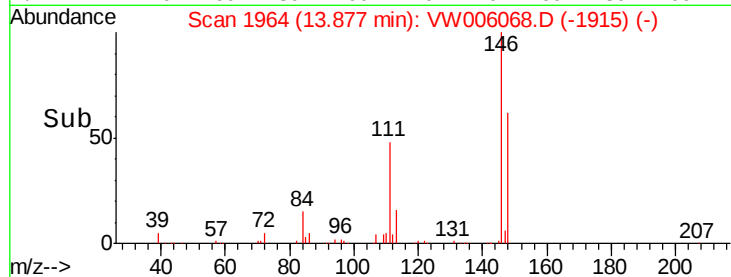
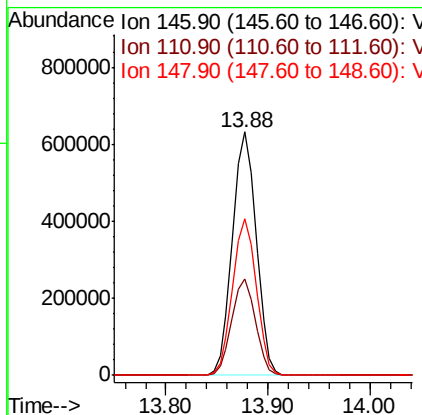
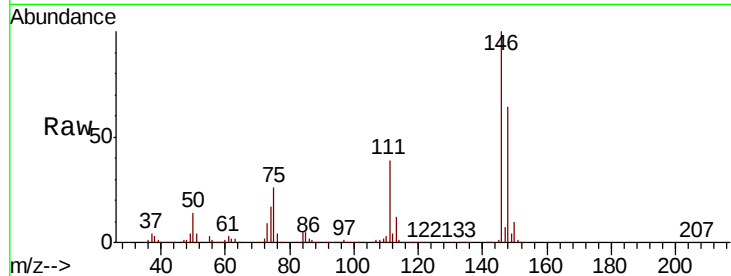
#91
 1,2-Dichlorobenzene
 Concen: 149.212 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	64.1	32.2	96.6

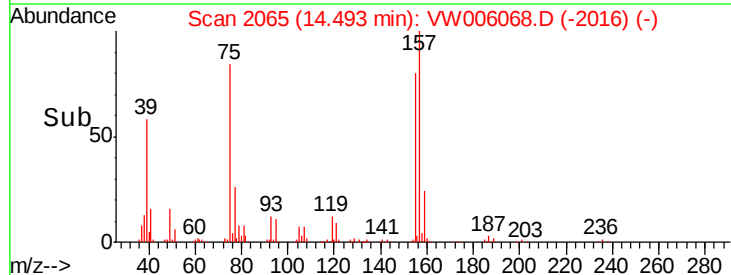
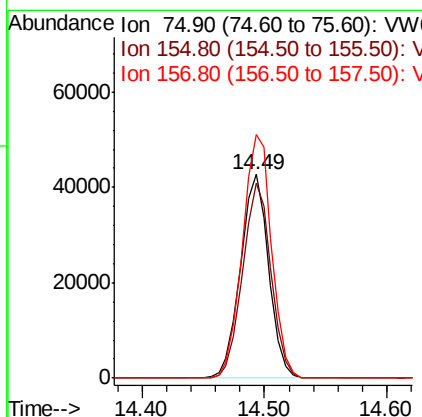
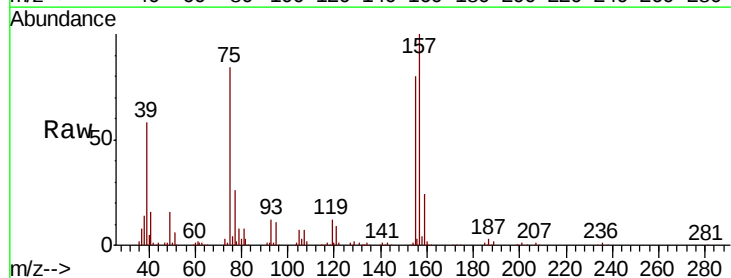
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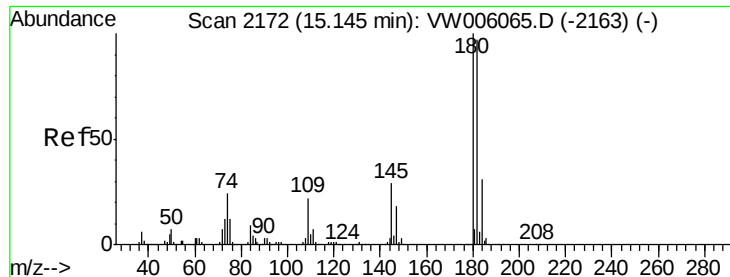
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 139.717 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	46.5	139.5
157	123.2	59.8	179.4





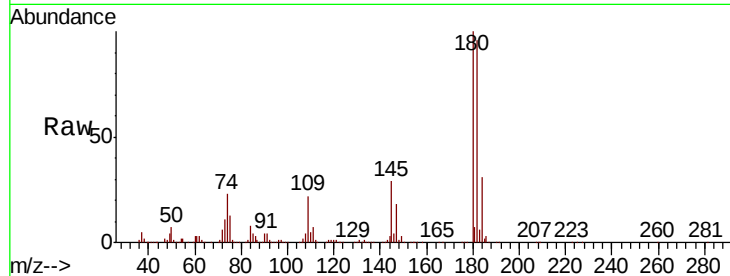
#93
 1,2,4-Trichlorobenzene
 Concen: 146.469 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.9	143.6	
145	28.9	14.2	42.8	

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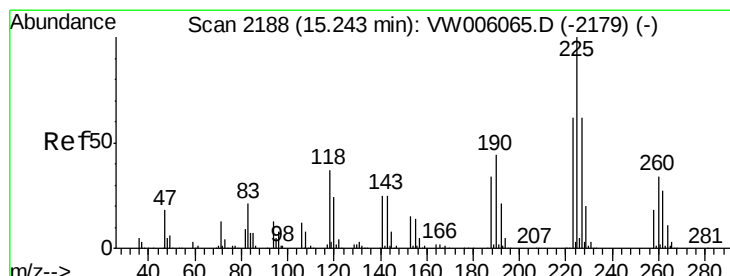
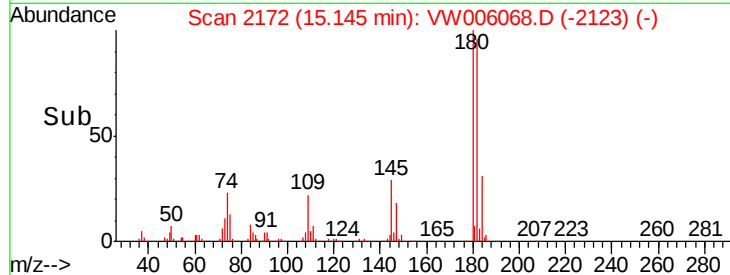
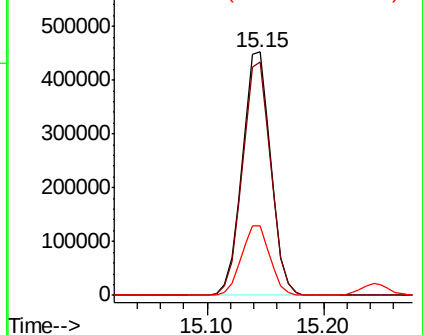


Abundance

Ion 179.80 (179.50 to 180.50): V

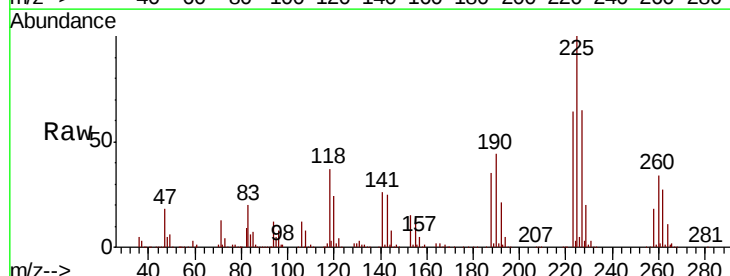
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 146.383 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	31.1	93.5	
227	64.1	32.4	97.0	

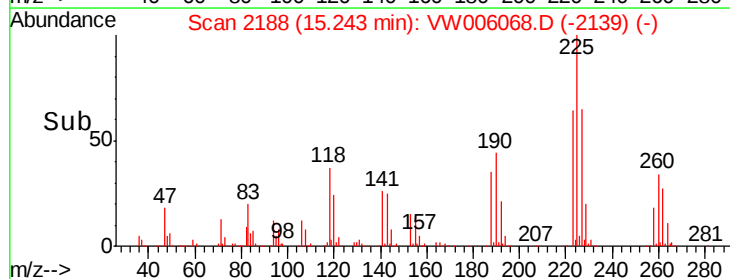
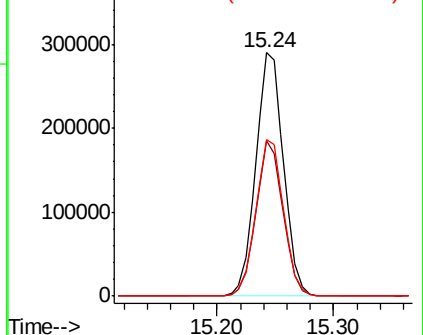


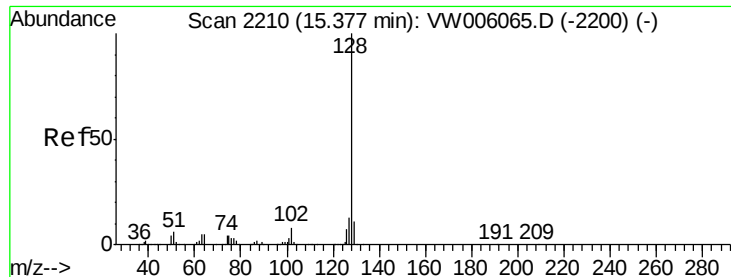
Abundance

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





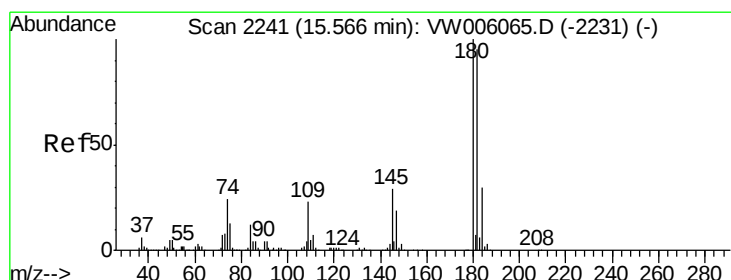
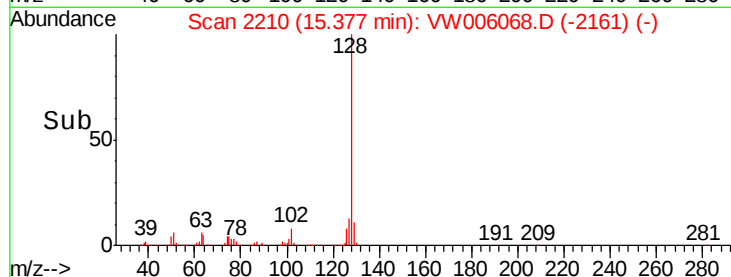
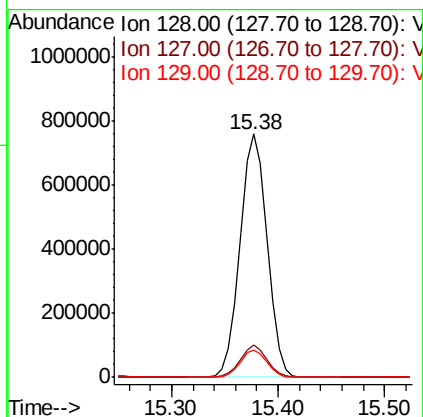
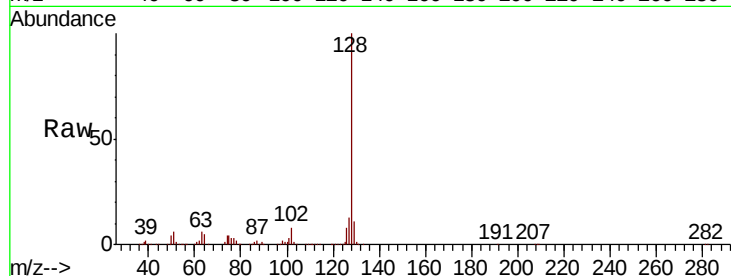
#95
Naphthalene
Concen: 150.373 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
10/16/2018 10:34:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 150.565 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	30.2	15.0	45.1

