

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006112.D
 Acq On : 17 Oct 2018 07:48
 Operator : VA/AP
 Sample : J5539-09MSD
 Misc : 12.18G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FTMSD

Manual Integrations
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 10/17/2018 10:05:17 AM

Quant Time: Oct 17 09:13:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	348261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	524641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	425814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	323367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132889	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	7.88	113	131916	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	
50) Toluene-d8	10.33	98	482919	40.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.90%	
62) 4-Bromofluorobenzene	12.62	95	360117	81.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	84703	49.149	ug/l	96
3) Chloromethane	2.21	50	99609	44.901	ug/l	99
4) Vinyl Chloride	2.37	62	153218	48.363	ug/l	98
5) Bromomethane	2.78	94	112561	39.063	ug/l	96
6) Chloroethane	2.93	64	98164	43.237	ug/l	98
7) Trichlorofluoromethane	3.26	101	113757	38.545	ug/l	99
8) Diethyl Ether	3.68	74	81910	52.222	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	130681	42.252	ug/l	99
10) Methyl Iodide	4.27	142	242675	47.141	ug/l	99
11) Tert butyl alcohol	5.21	59	55056	283.528	ug/l	100
12) 1,1-Dichloroethene	4.04	96	149775	51.472	ug/l	92
13) Acrolein	3.89	56	3457	18.398	ug/l #	44
14) Allyl chloride	4.67	41	165514	39.781	ug/l	94
15) Acrylonitrile	5.37	53	170495	303.058	ug/l	99
16) Acetone	4.14	43	181895	341.204	ug/l	99
17) Carbon Disulfide	4.38	76	428268	48.766	ug/l	100
18) Methyl Acetate	4.68	43	175635	120.877	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	217163	48.999	ug/l	97
20) Methylene Chloride	4.91	84	180137	59.265	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	161852	49.832	ug/l	99
22) Diisopropyl ether	6.32	45	373612	45.441	ug/l	95
23) Vinyl Acetate	6.26	43	216079	44.532	ug/l	99
24) 1,1-Dichloroethane	6.21	63	265171	49.982	ug/l	100
25) 2-Butanone	7.18	43	235499	301.924	ug/l	99
26) 2,2-Dichloropropane	7.17	77	136145	36.385	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	178940	49.924	ug/l	97
28) Bromochloromethane	7.51	49	104856	51.195	ug/l	94
29) Tetrahydrofuran	7.54	42	145524	303.526	ug/l	99
30) Chloroform	7.68	83	291422	50.418	ug/l	99
31) Cyclohexane	7.96	56	170076	32.191	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	225956	43.336	ug/l	98
36) 1,1-Dichloropropene	8.09	75	201639	41.698	ug/l	99
37) Ethyl Acetate	7.26	43	74550	41.494	ug/l	97
38) Carbon Tetrachloride	8.07	117	184907	34.881	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	254115	39.533	ug/l	89
40) Benzene	8.32	78	607571	45.803	ug/l	100
41) Methacrylonitrile	7.49	41	57598	53.179	ug/l	94
42) 1,2-Dichloroethane	8.40	62	189699	48.676	ug/l	98
43) Isopropyl Acetate	8.43	43	189186	51.500	ug/l	95
44) Trichloroethene	9.09	130	181566	44.615	ug/l	99
45) 1,2-Dichloropropane	9.37	63	146655	46.203	ug/l	98
46) Dibromomethane	9.46	93	91088	50.349	ug/l	100
47) Bromodichloromethane	9.65	83	200198	45.643	ug/l	100
48) Methyl methacrylate	9.44	41	102927	59.109	ug/l	94
49) 1,4-Dioxane	9.48	88	30492	1094.833	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	524234	284.821	ug/l	98
52) Toluene	10.39	92	372551	41.893	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	186686	42.720	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	209022	41.676	ug/l	93
55) 1,1,2-Trichloroethane	10.77	97	307460	121.445	ug/l #	48
56) Ethyl methacrylate	10.65	69	544728	175.513	ug/l #	81
57) 1,3-Dichloropropane	10.93	76	205006	48.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	306544	258.485	ug/l	98
59) 2-Hexanone	10.97	43	335241	255.156	ug/l	86
60) Dibromochloromethane	11.13	129	137681	43.661	ug/l	99
61) 1,2-Dibromoethane	11.24	107	126643	50.064	ug/l	93
64) Tetrachloroethene	10.87	164	163350	49.416	ug/l	99
65) Chlorobenzene	11.66	112	407188	44.670	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	149574	46.173	ug/l	98
67) Ethyl Benzene	11.74	91	631558	39.979	ug/l	100
68) m/p-Xylenes	11.84	106	485766	77.798	ug/l	99
69) o-Xylene	12.17	106	239431	40.236	ug/l	94
70) Styrene	12.19	104	401291	41.470	ug/l	98
71) Bromoform	12.35	173	80743	44.687	ug/l #	98
73) Isopropylbenzene	12.47	105	545512	23.879	ug/l	100
74) N-amyl acetate	12.26	43	1350250	304.308	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.71	83	476001	136.994	ug/l #	92
76) 1,2,3-Trichloropropane	12.77	75	95086m	38.498	ug/l	
77) Bromobenzene	12.75	156	170843	30.532	ug/l	96
78) n-propylbenzene	12.81	91	596013	22.425	ug/l	98
79) 2-Chlorotoluene	12.90	91	426989	28.593	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	393404	20.427	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	27588	26.700	ug/l #	1
82) 4-Chlorotoluene	12.99	91	415307	26.549	ug/l	71
83) tert-Butylbenzene	13.21	119	378979	21.994	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	408465	20.960	ug/l	100
85) sec-Butylbenzene	13.39	105	902377	37.070	ug/l #	73
86) p-Isopropyltoluene	13.51	119	326430	14.826	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	244569	21.962	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	252372	22.762	ug/l #	1
89) n-Butylbenzene	13.83	91	516191	25.635	ug/l #	76
90) Hexachloroethane	14.10	117	74417	19.954	ug/l	64
91) 1,2-Dichlorobenzene	13.88	146	238097	23.970	ug/l #	75
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21751	34.964	ug/l	93

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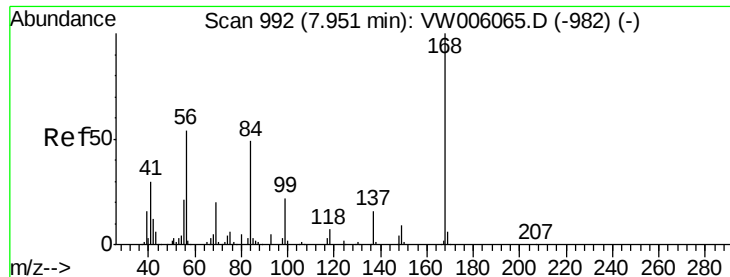
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	130285	17.046	ug/l #	1
94) Hexachlorobutadiene	15.25	225	24515	5.106	ug/l	98
95) Naphthalene	15.38	128	255660	20.108	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.59	180	158493	23.975	ug/l #	55

(#) = 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: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:168 Resp: 348261

Ion Ratio Lower Upper

168 100

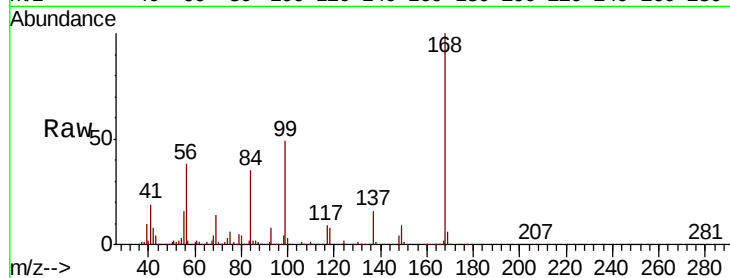
99 48.6 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

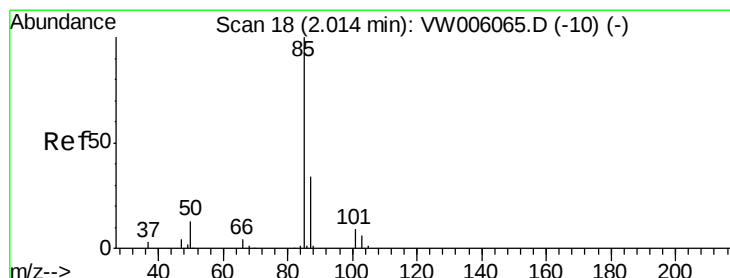
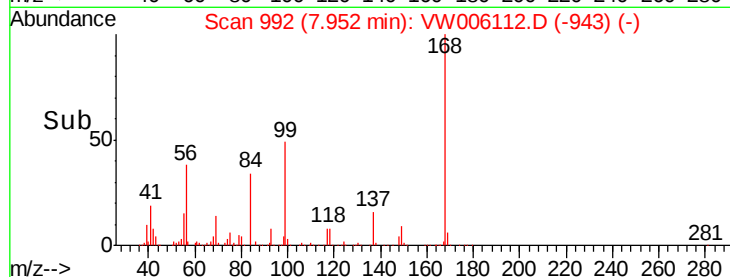
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 49.149 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006112.D

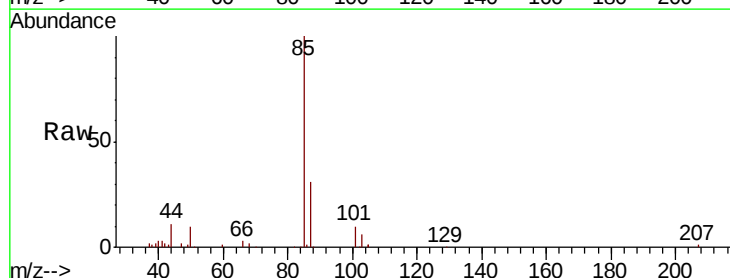
Acq: 17 Oct 2018 07:48

Tgt Ion: 85 Resp: 84703

Ion Ratio Lower Upper

85 100

87 31.2 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

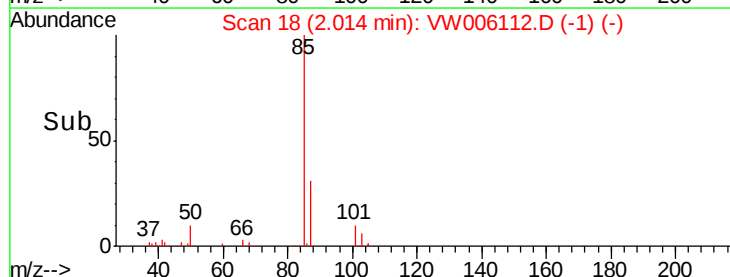
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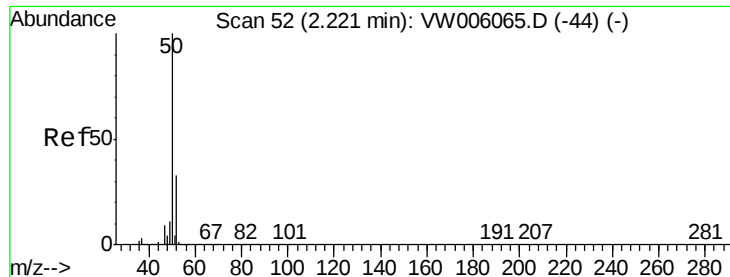
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 44.901 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion: 50 Resp: 99609

Ion Ratio Lower Upper

50 100

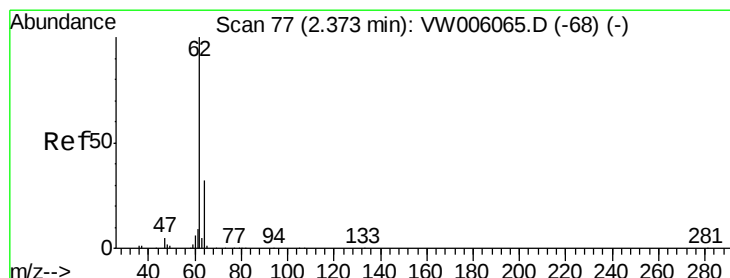
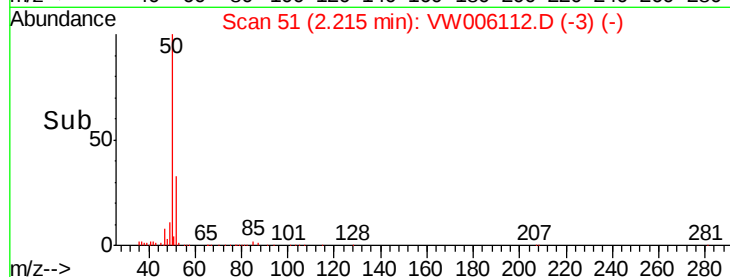
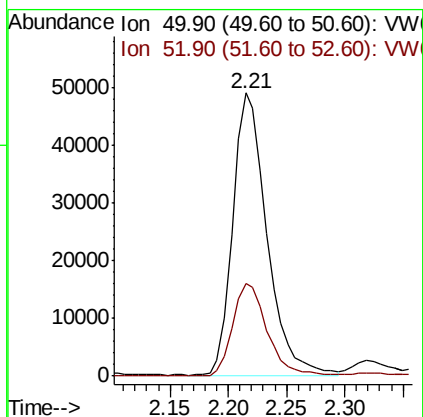
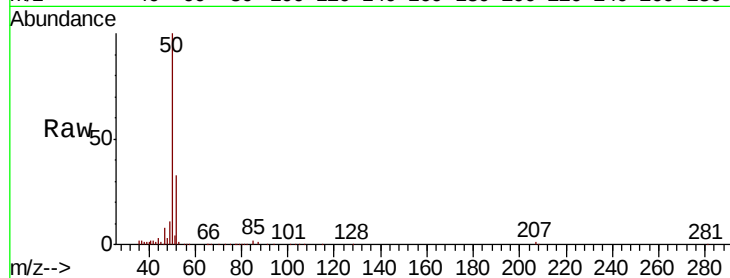
52 33.0 26.8 40.2

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#4

Vinyl Chloride

Concen: 48.363 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW006112.D

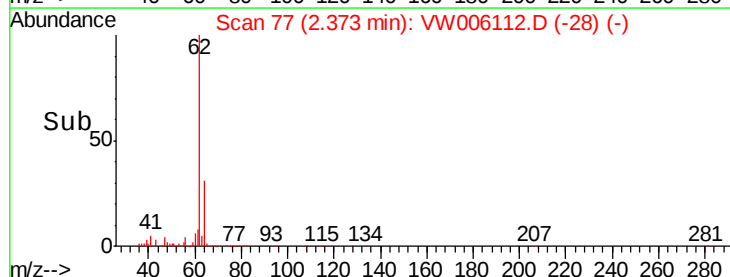
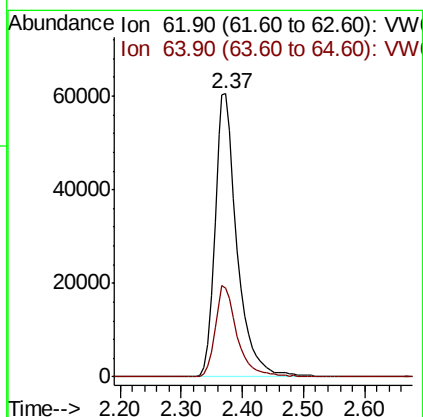
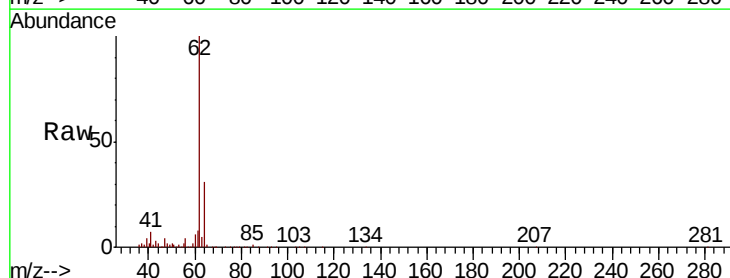
Acq: 17 Oct 2018 07:48

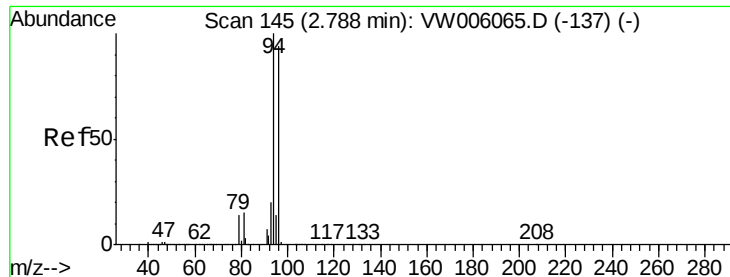
Tgt Ion: 62 Resp: 153218

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 39.063 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

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Tot Ion: 94 Resp: 112561

Ion Ratio Lower Upper

94 100

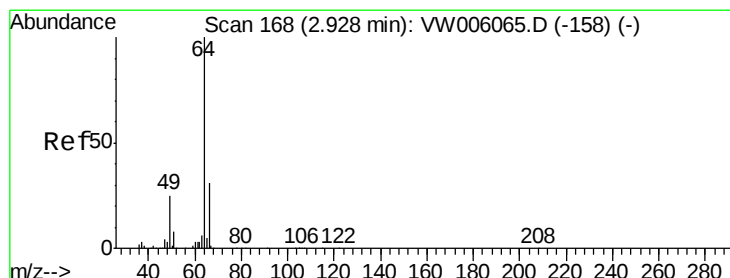
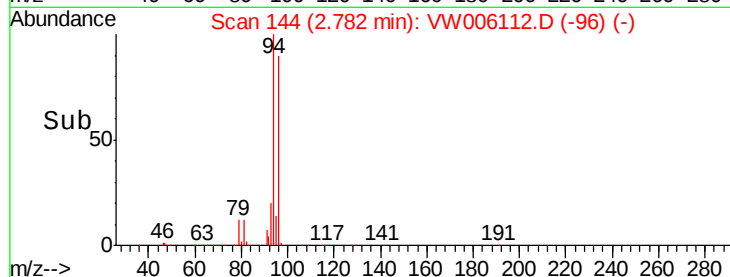
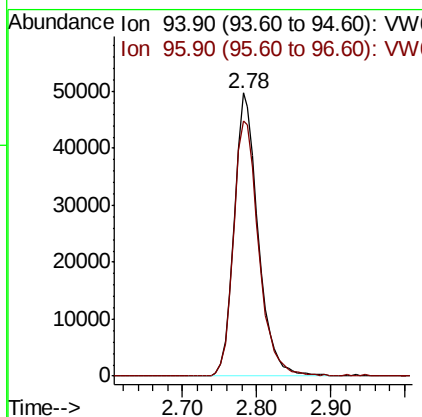
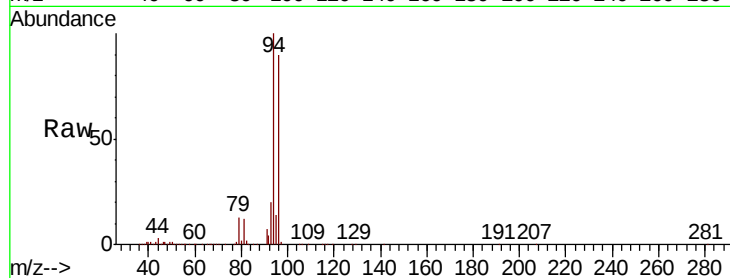
96 90.1 74.9 112.3

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#6

Chloroethane

Concen: 43.237 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006112.D

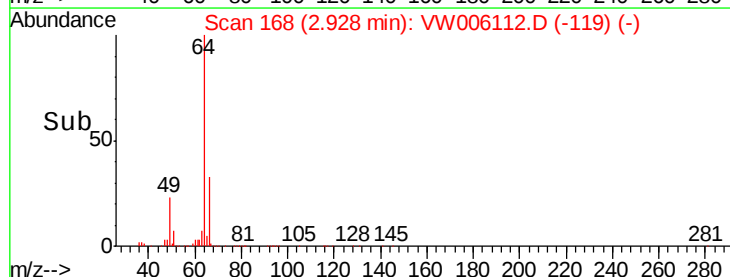
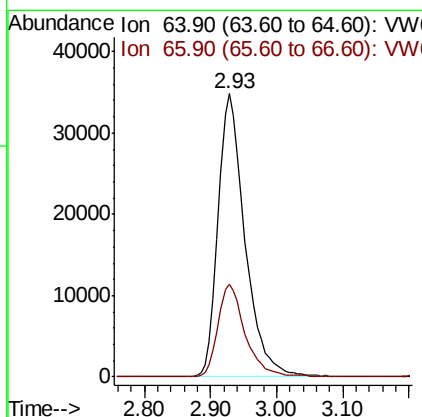
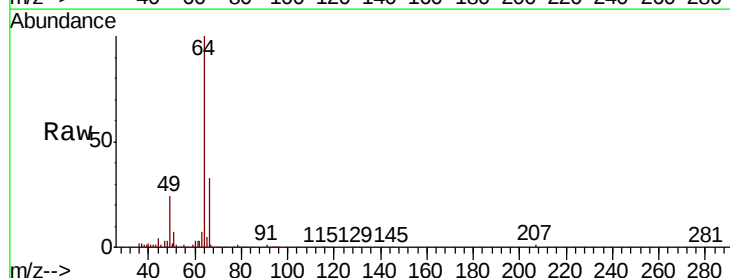
Acq: 17 Oct 2018 07:48

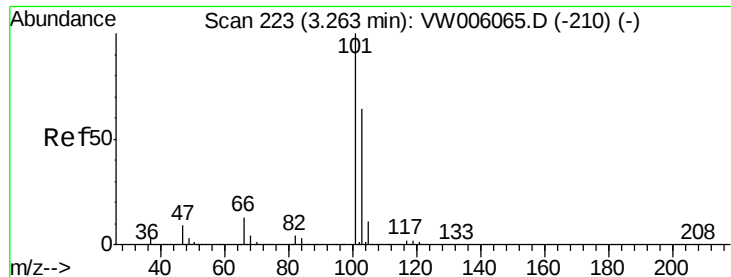
Tgt Ion: 64 Resp: 98164

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3





#7

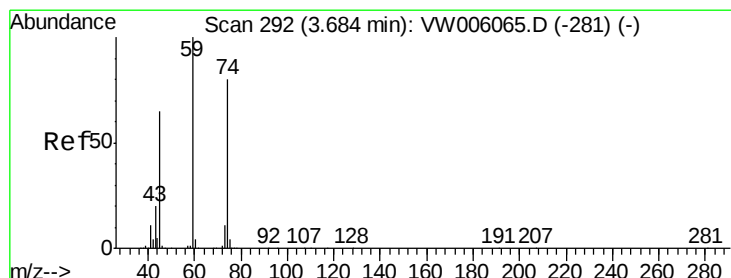
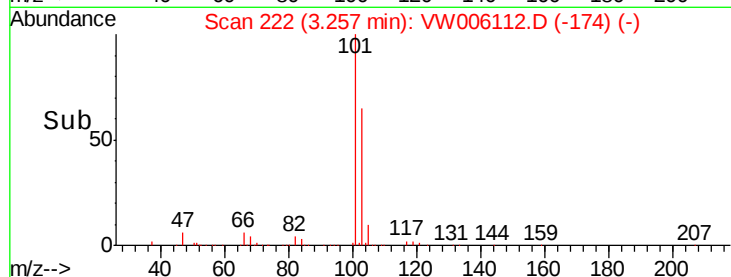
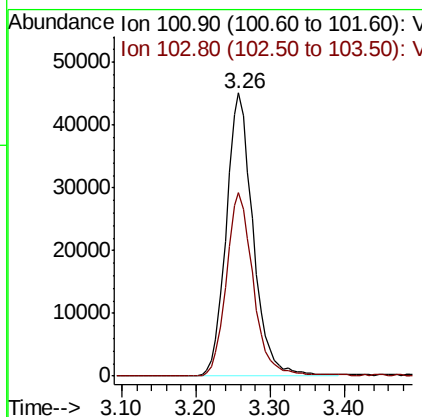
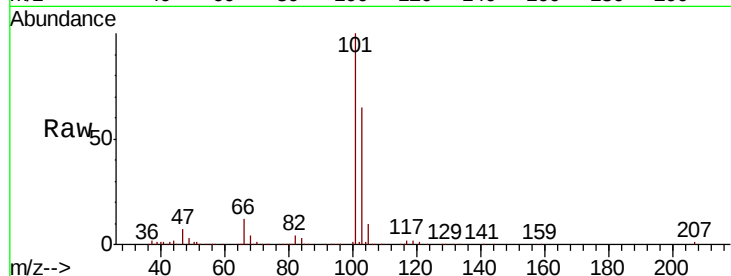
Trichlorofluoromethane
 Concen: 38.545 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006112.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.2	76.8

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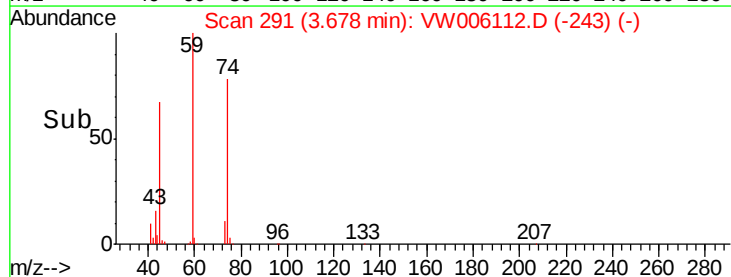
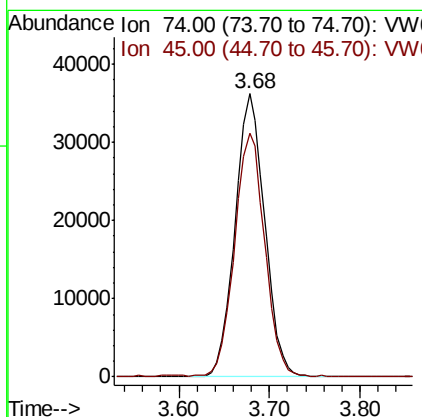
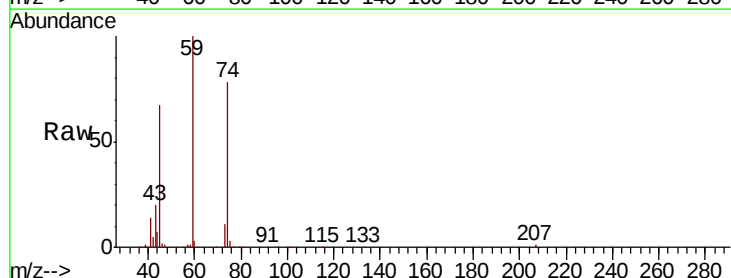
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 10/17/2018 10:05:17 AM

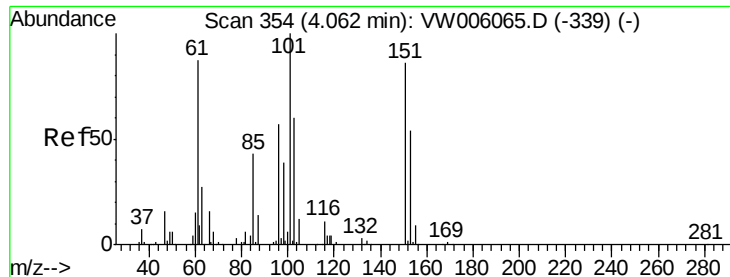


#8

Diethyl Ether
 Concen: 52.222 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006112.D
 Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.6	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.252 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006112.D

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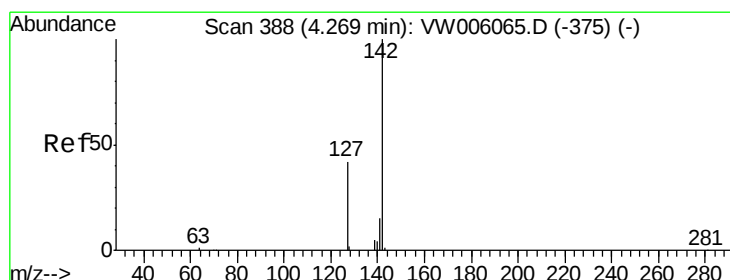
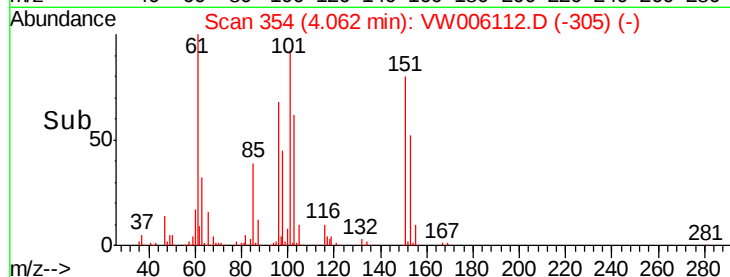
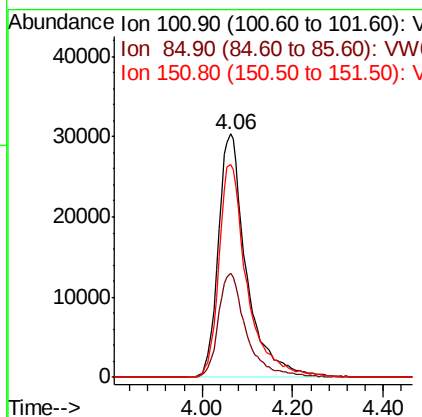
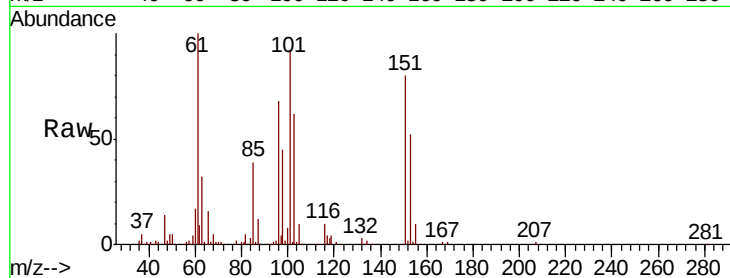
ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:	101	Resp:	130681
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.9	52.3
151	87.6	70.4	105.6

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#10

Methyl Iodide

Concen: 47.141 ug/l

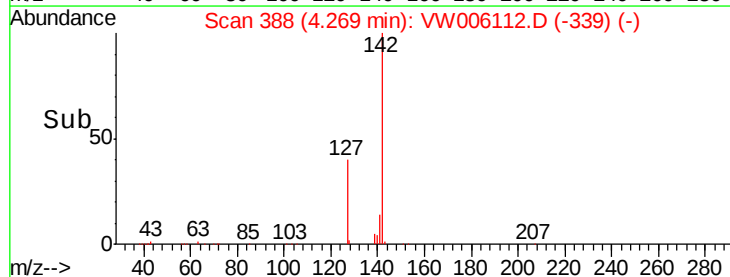
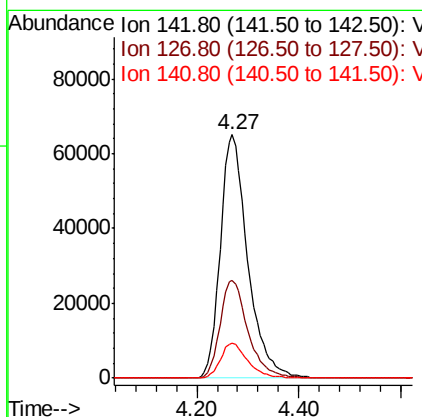
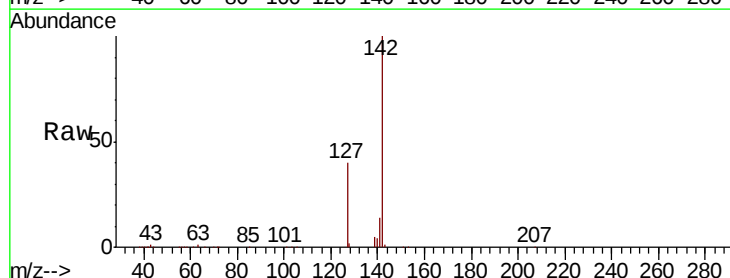
RT: 4.27 min Scan# 388

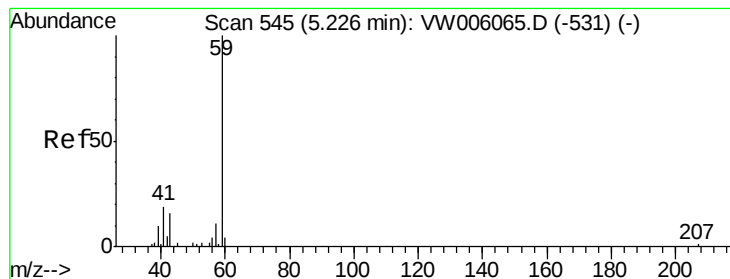
Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion:	142	Resp:	242675
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.6	50.4
141	14.3	11.6	17.4





#11

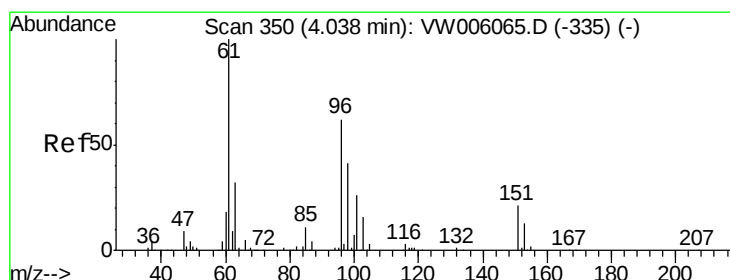
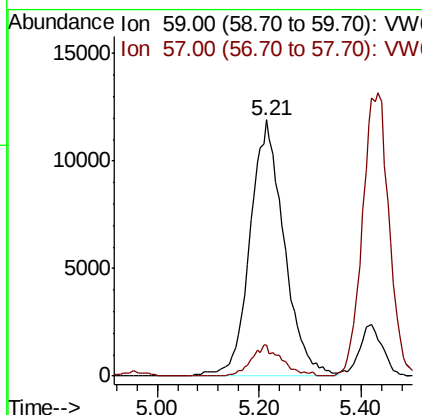
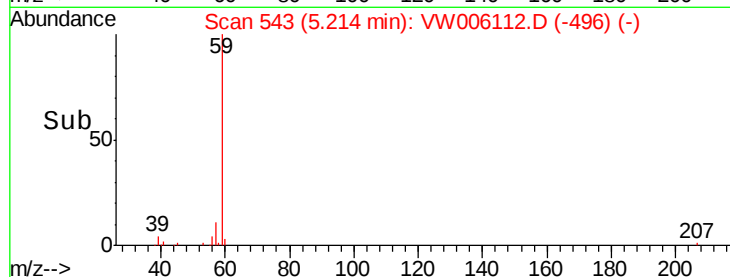
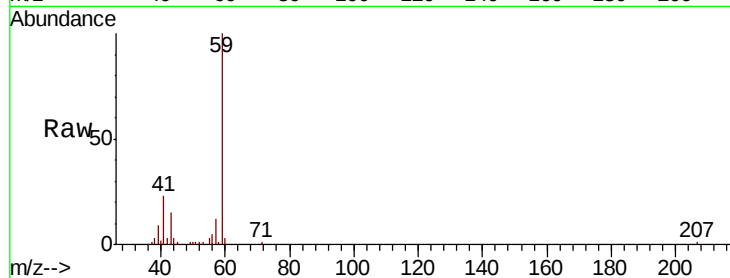
Tert butyl alcohol
Concen: 283.528 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.7	13.1

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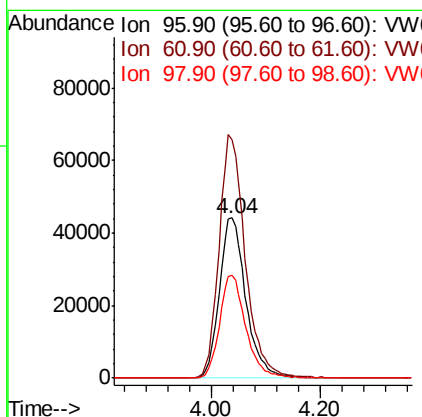
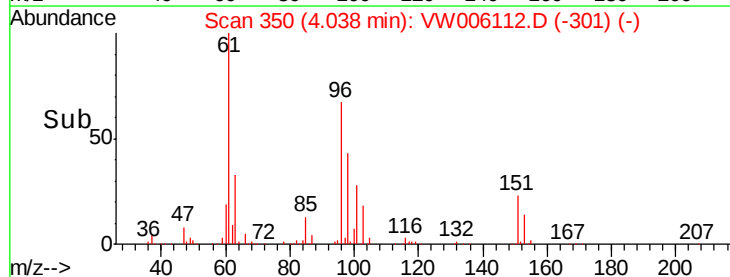
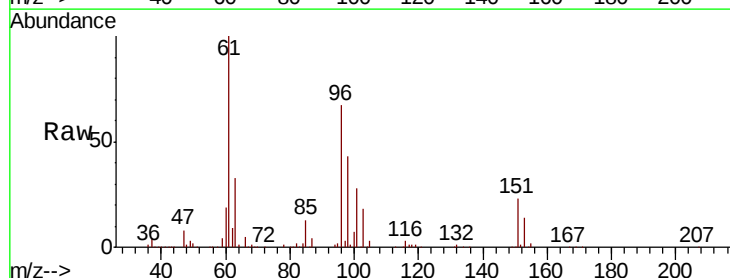
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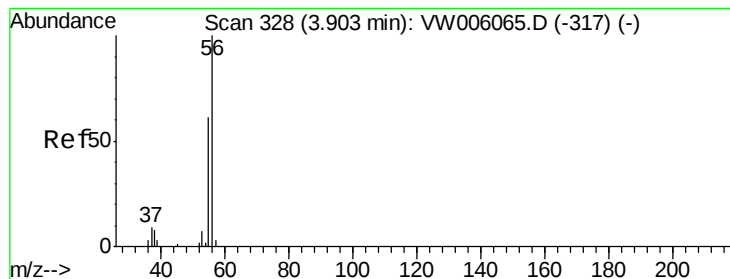


#12

1,1-Dichloroethene
Concen: 51.472 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.6	129.3	193.9
98	64.3	53.1	79.7





#13

Acrolein

Concen: 18.398 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion: 56 Resp: 3457

Ion Ratio Lower Upper

56 100

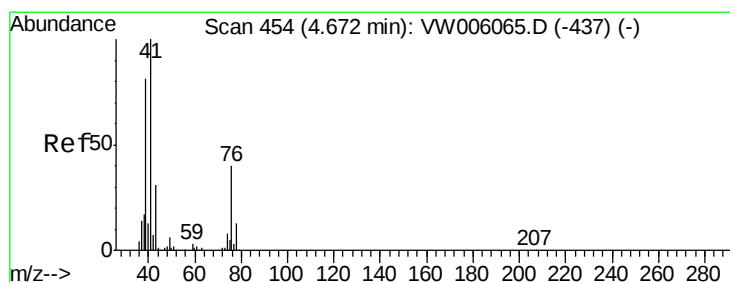
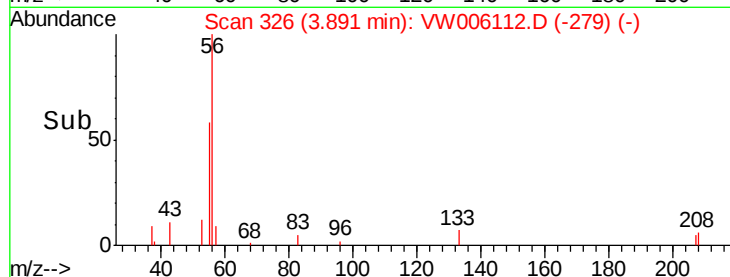
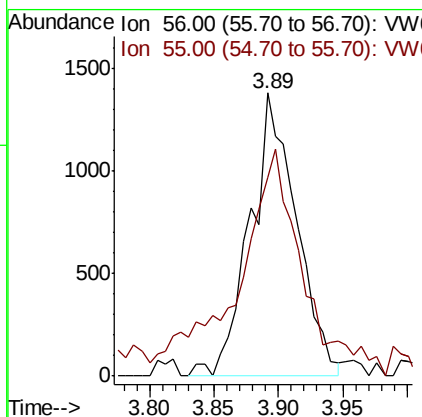
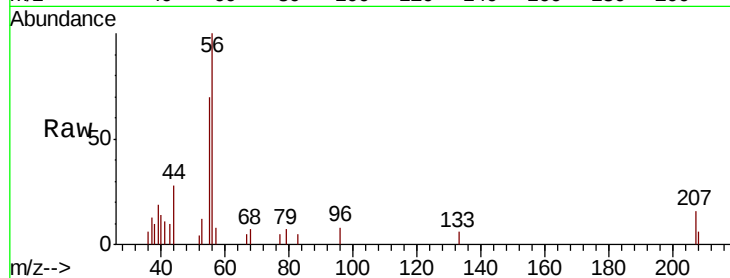
55 113.3 54.5 81.7#

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#14

Allyl chloride

Concen: 39.781 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

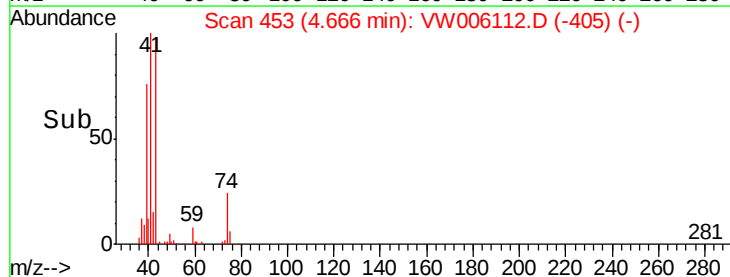
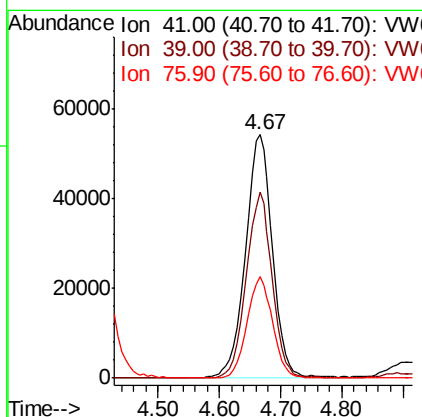
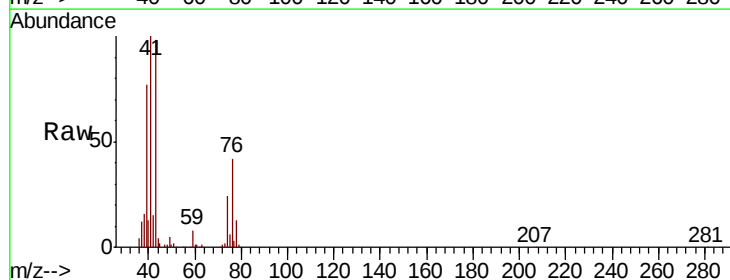
Tgt Ion: 41 Resp: 165514

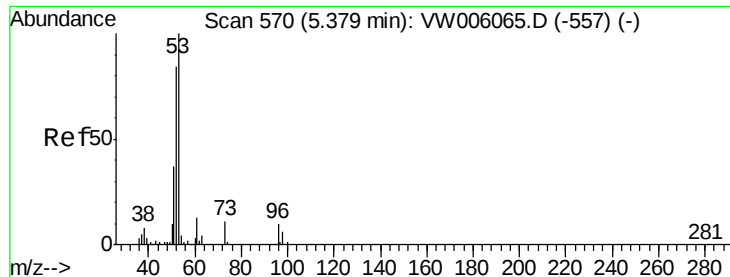
Ion Ratio Lower Upper

41 100

39 73.3 64.1 96.1

76 39.3 32.2 48.4





#15

Acrylonitrile

Concen: 303.058 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

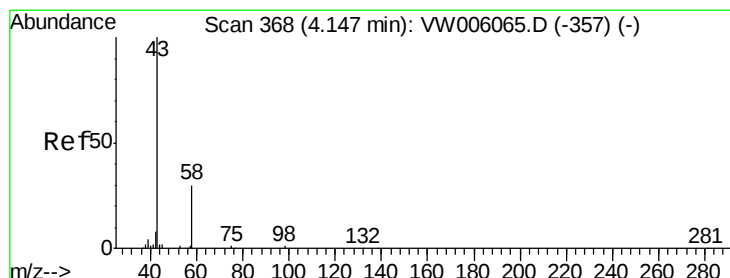
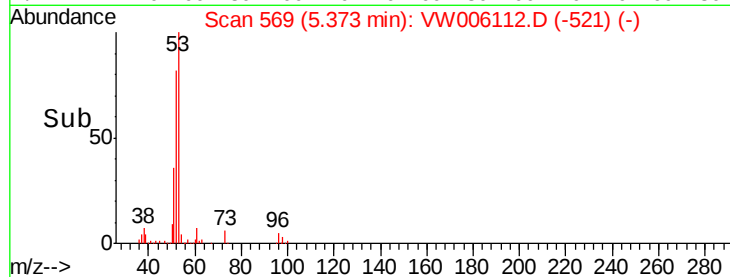
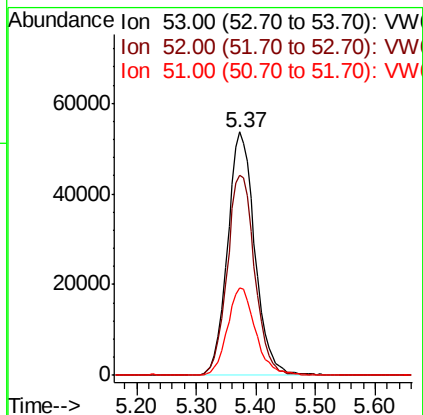
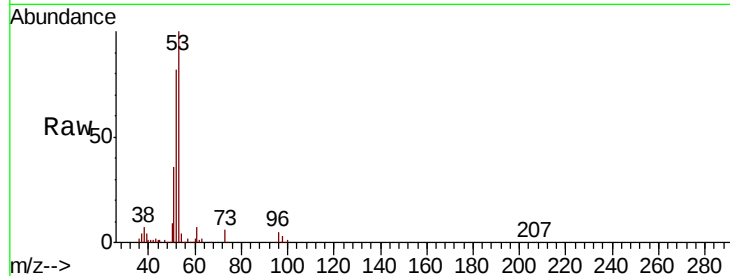
ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:	53	Resp:	170495
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.9	100.3
51	37.0	30.1	45.1

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#16

Acetone

Concen: 341.204 ug/l

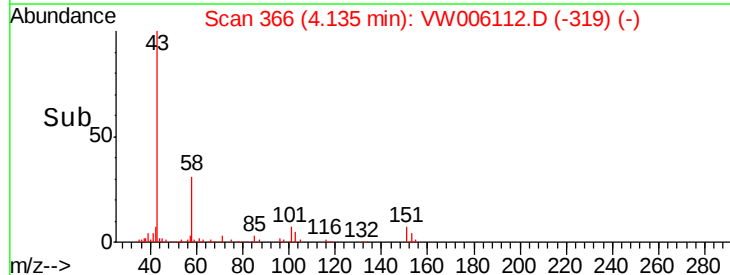
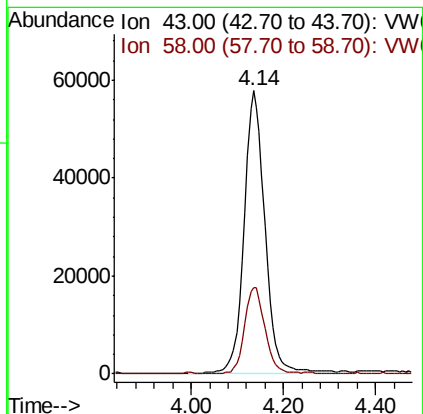
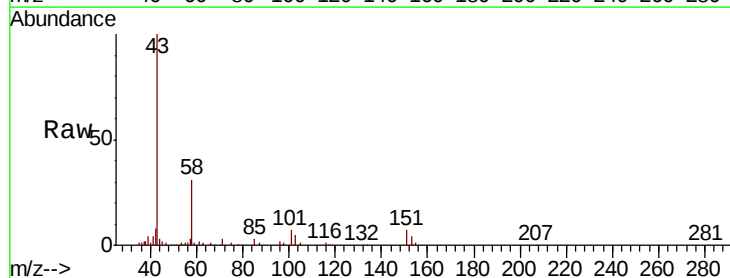
RT: 4.14 min Scan# 366

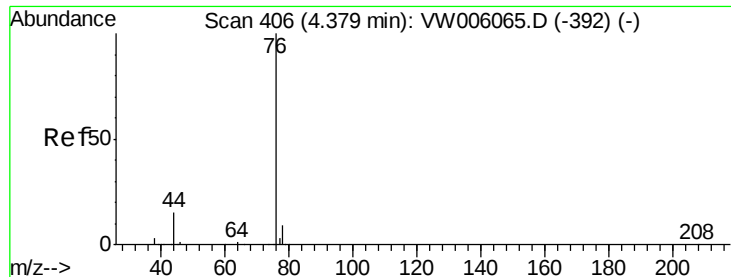
Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion:	43	Resp:	181895
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.0	36.0





#17

Carbon Disulfide

Concen: 48.766 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion: 76 Resp: 428268

Ion Ratio Lower Upper

76 100

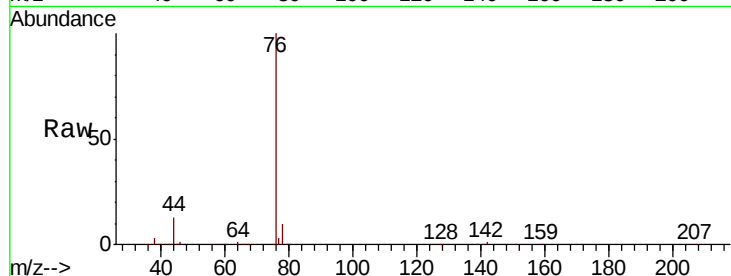
78 9.5 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

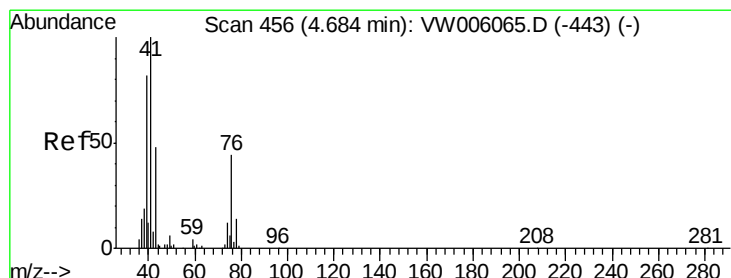
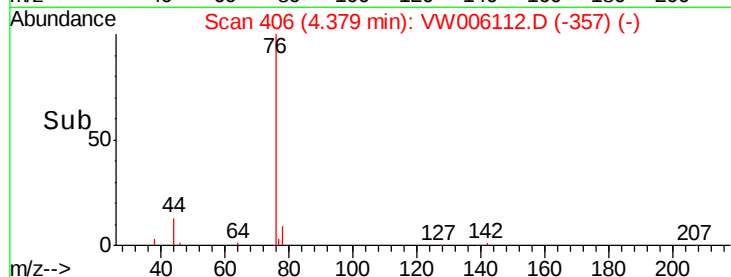
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 120.877 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006112.D

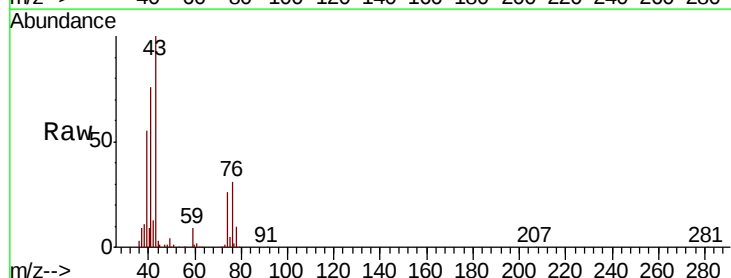
Acq: 17 Oct 2018 07:48

Tgt Ion: 43 Resp: 175635

Ion Ratio Lower Upper

43 100

74 26.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

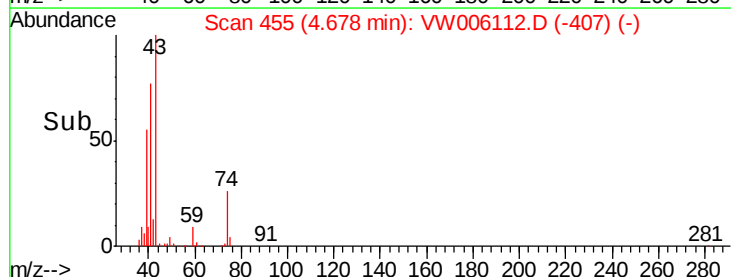
60000

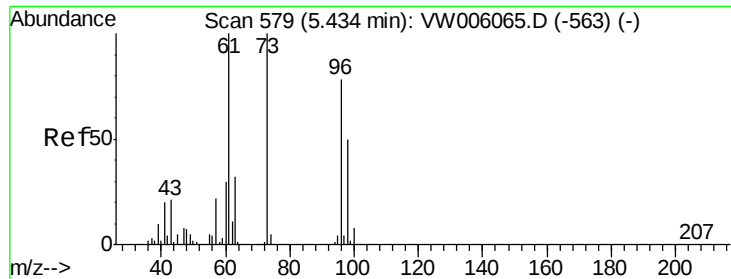
40000

20000

0

Time-->





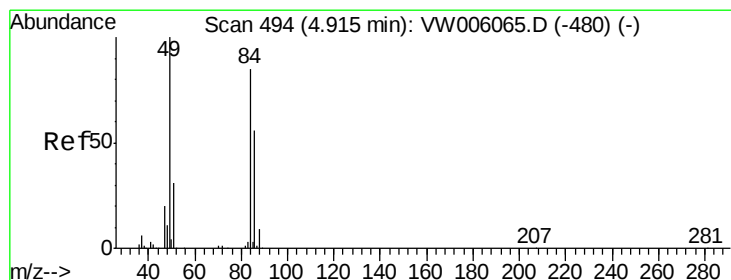
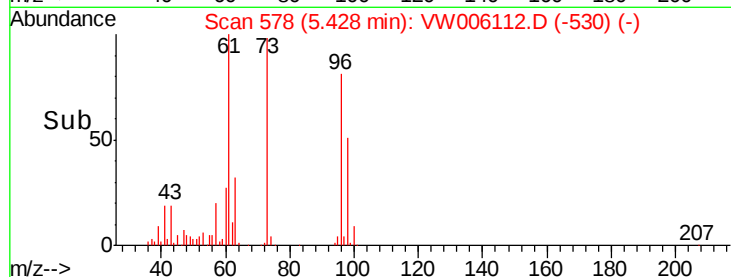
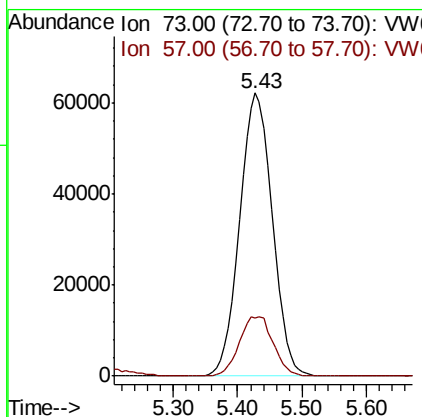
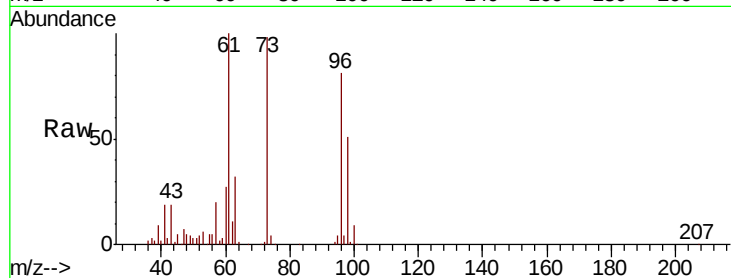
#19
Methvl tert-butvl Ether
Concen: 48.999 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion: 73 Resp: 217163
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.2

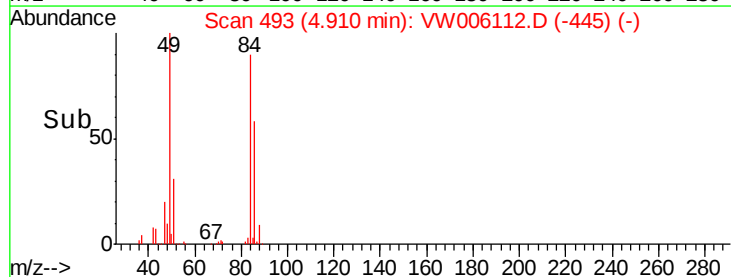
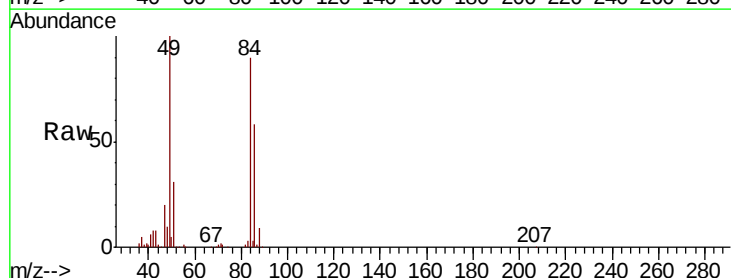
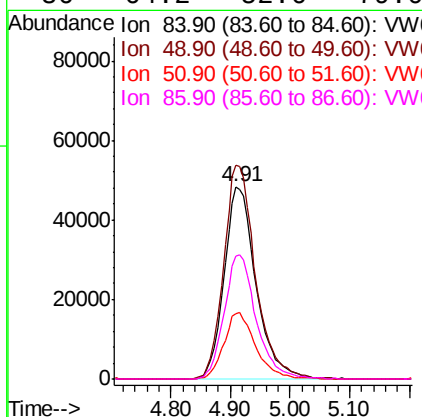
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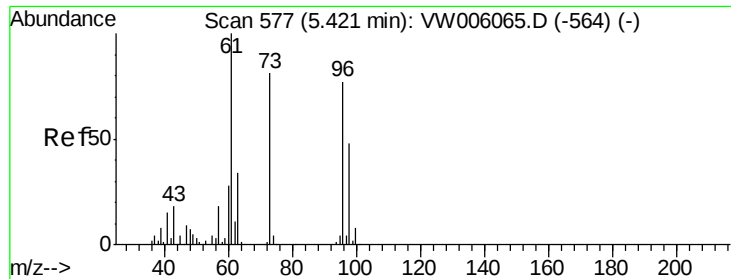
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#20
Methylene Chloride
Concen: 59.265 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion: 84 Resp: 180137
Ion Ratio Lower Upper
84 100
49 111.0 93.6 140.4
51 33.9 29.0 43.4
86 64.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.832 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

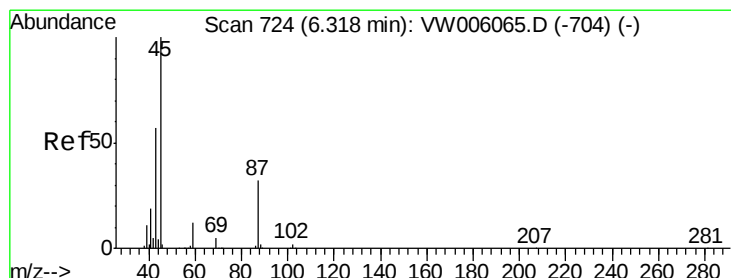
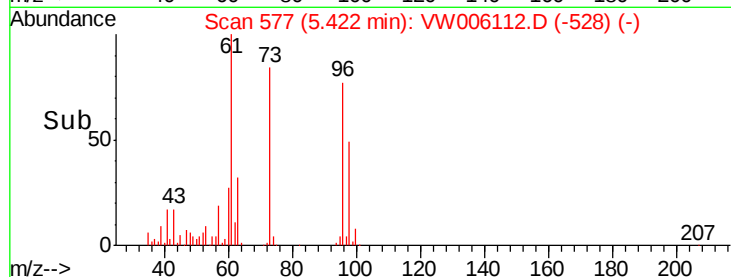
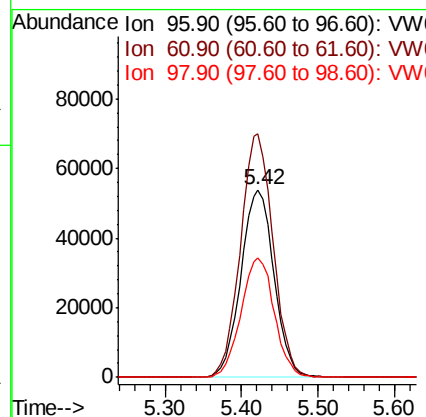
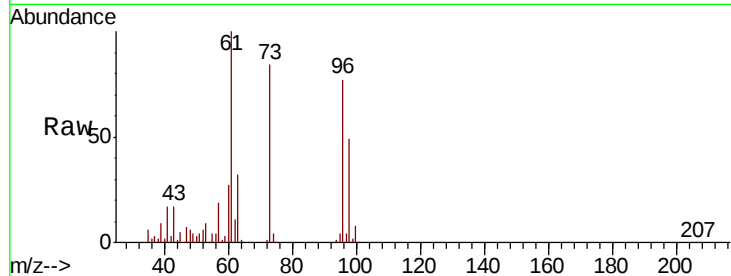
ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:	96	Resp:	161852
Ion Ratio	Lower	Upper	
96	100		
61	129.9	104.5	156.7
98	63.7	50.6	75.8

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#22

Diisopropyl ether

Concen: 45.441 ug/l

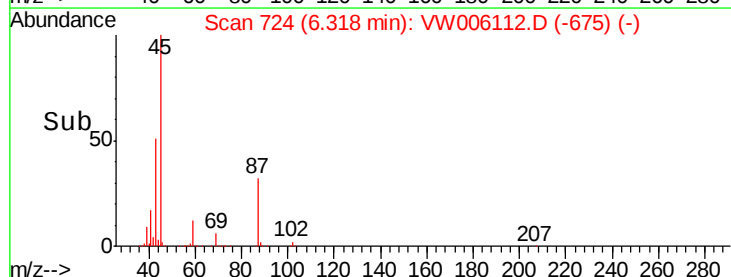
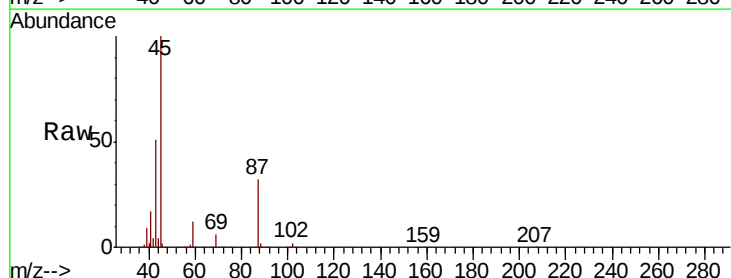
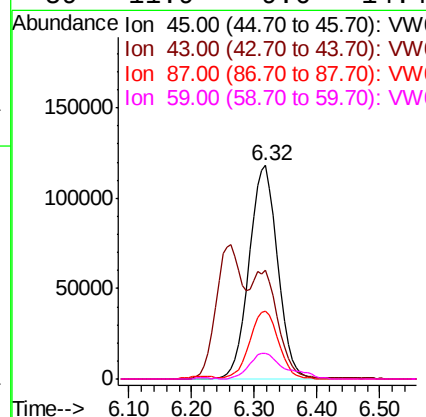
RT: 6.32 min Scan# 724

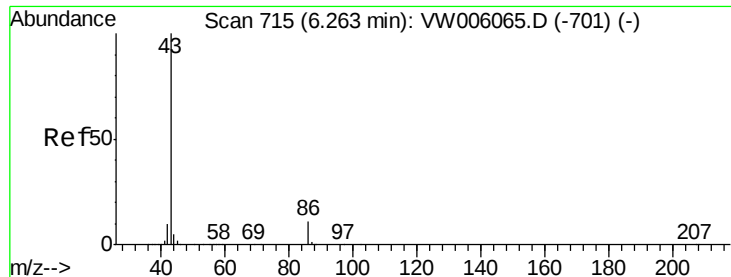
Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion:	45	Resp:	373612
Ion Ratio	Lower	Upper	
45	100		
43	50.4	45.7	68.5
87	31.8	25.9	38.9
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 44.532 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion: 43 Resp: 216079

Ion Ratio Lower Upper

43 100

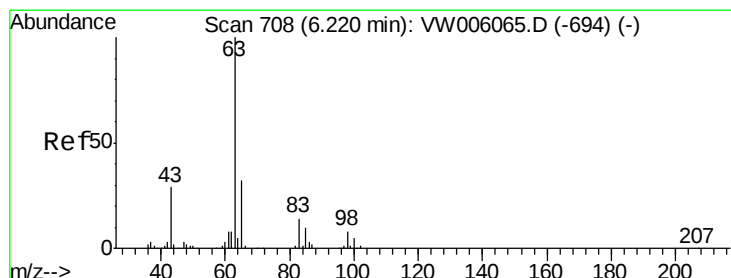
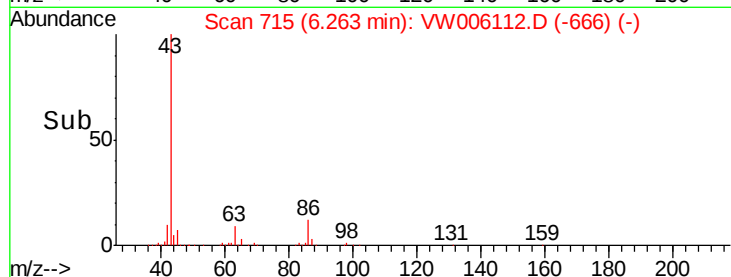
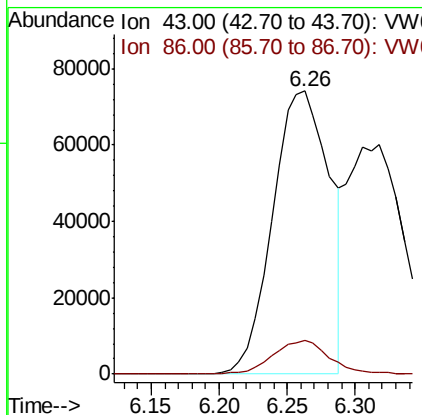
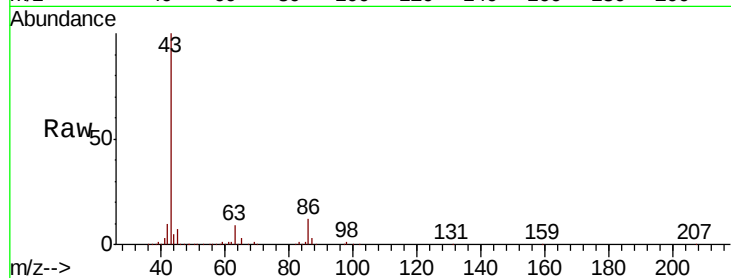
86 11.8 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 49.982 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

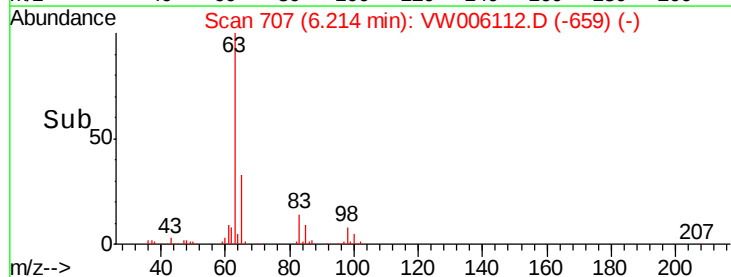
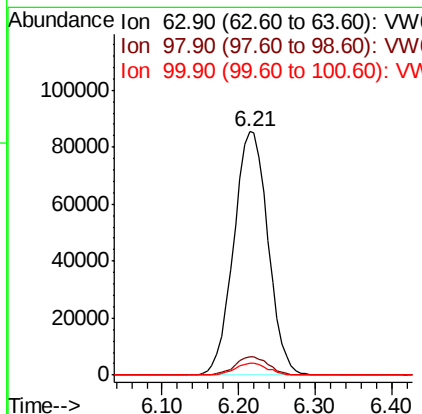
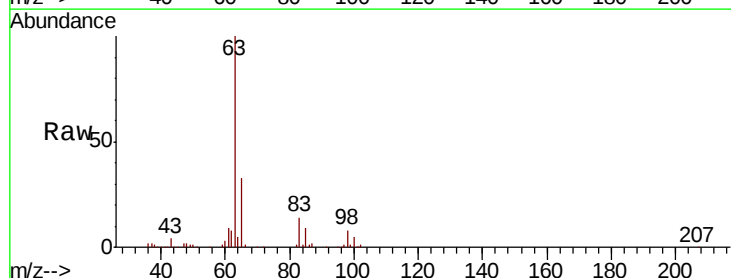
Tgt Ion: 63 Resp: 265171

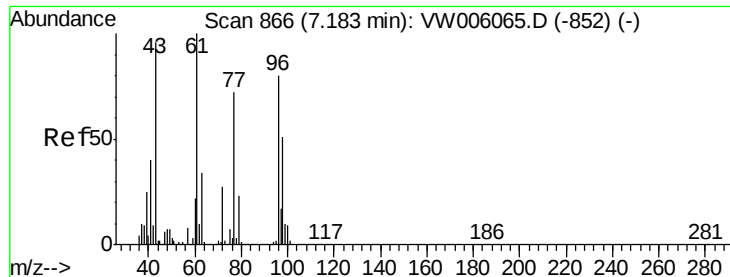
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 301.924 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion: 43 Resp: 235499

Ion Ratio Lower Upper

43 100

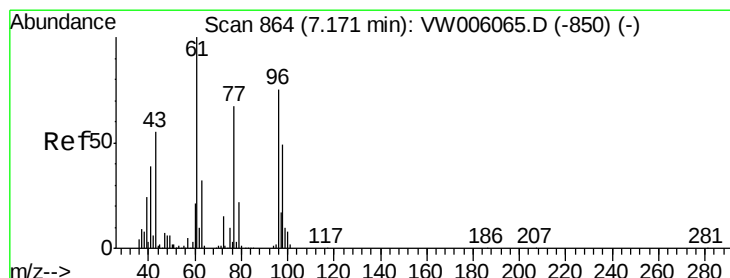
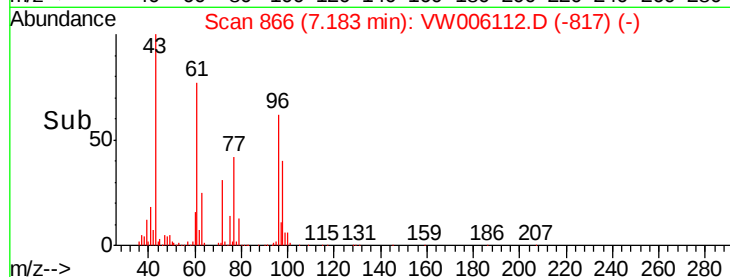
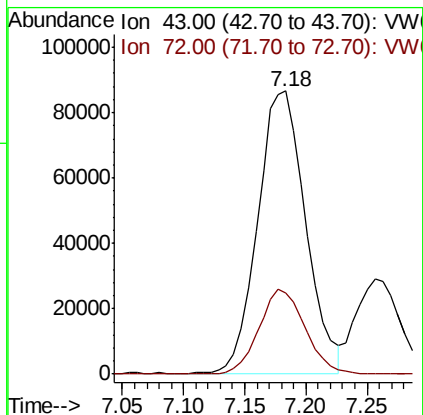
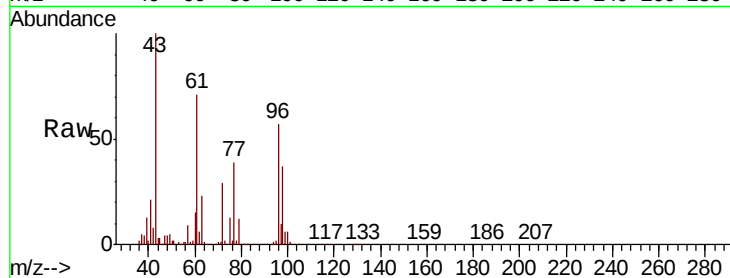
72 29.0 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 36.385 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006112.D

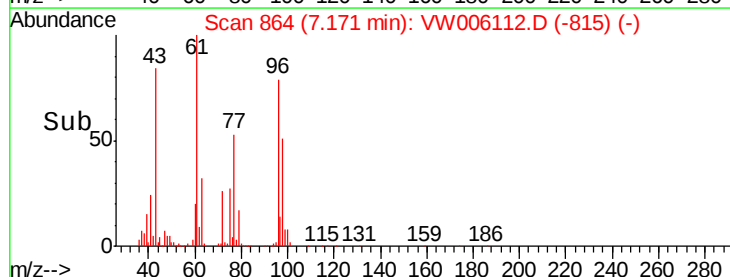
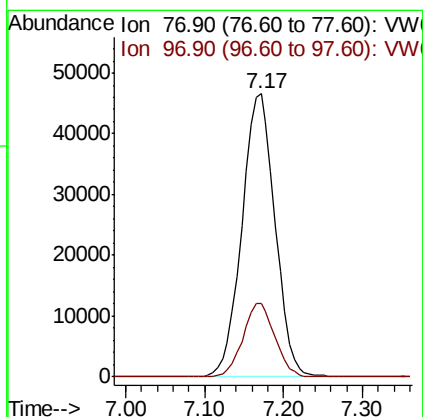
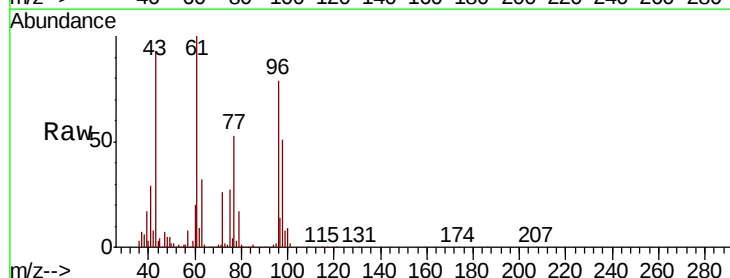
Acq: 17 Oct 2018 07:48

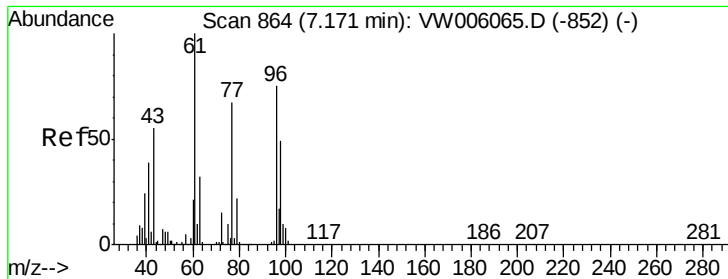
Tgt Ion: 77 Resp: 136145

Ion Ratio Lower Upper

77 100

97 25.1 12.2 36.4





#27

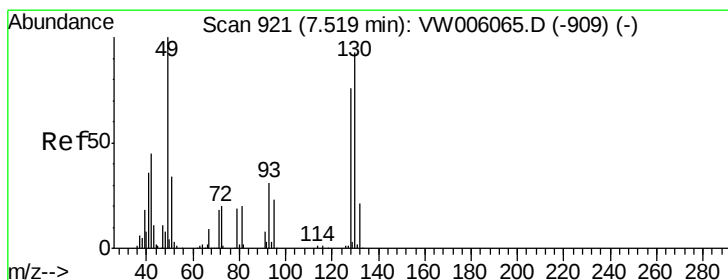
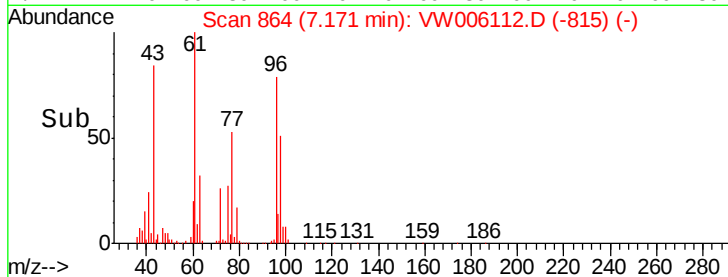
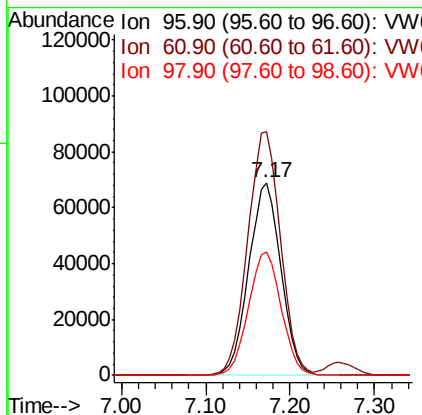
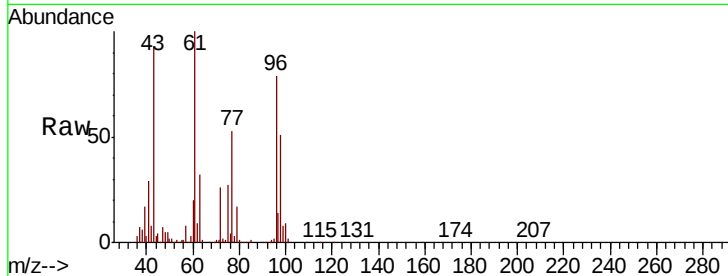
cis-1,2-Dichloroethene
Concen: 49.924 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	178940		
61	128.9	0.0	267.2	
98	64.8	0.0	128.6	

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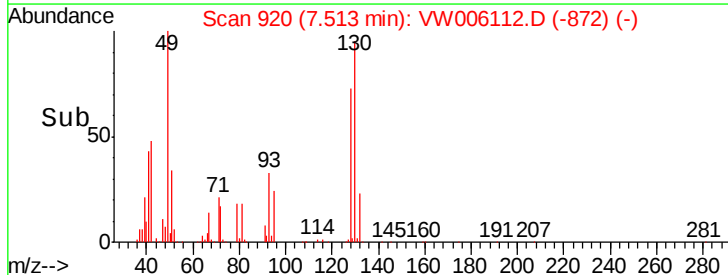
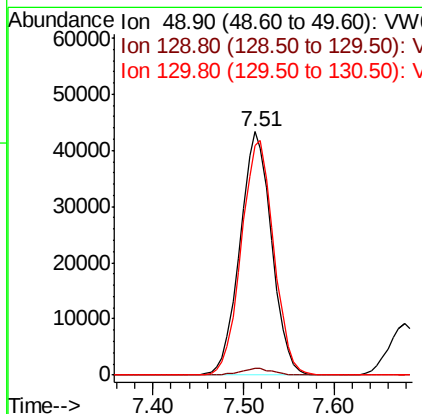
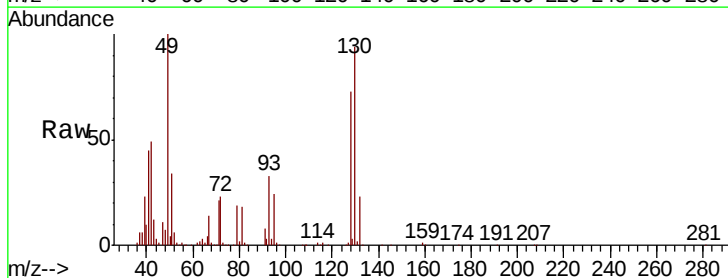
apatel
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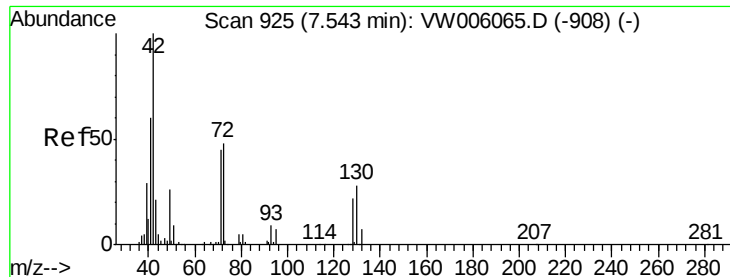


#28

Bromochloromethane
Concen: 51.195 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	104856		
129	3.0	0.0	5.0	
130	98.3	73.8	110.8	





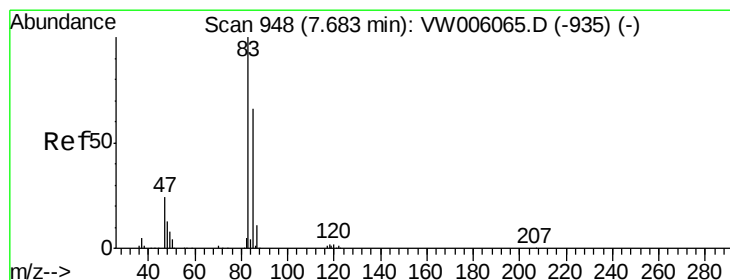
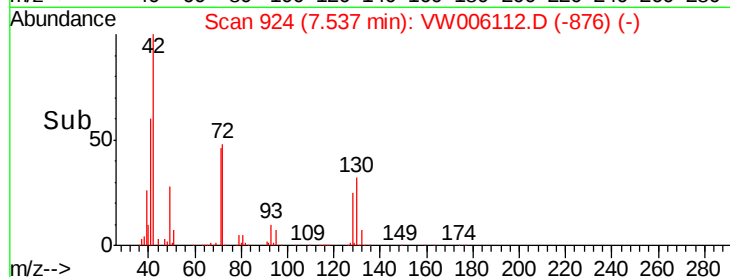
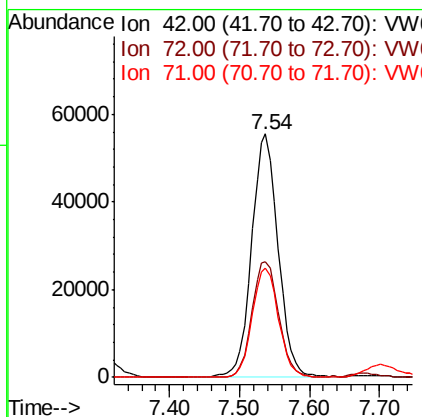
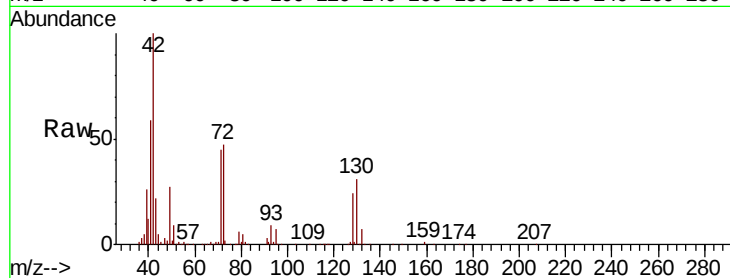
#29
Tetrahydrofuran
Concen: 303.526 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	38.0	57.0
71	44.8	35.3	52.9

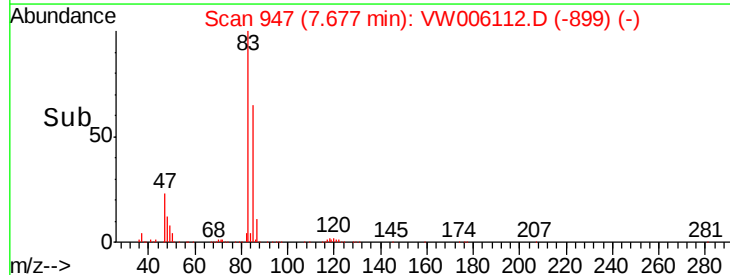
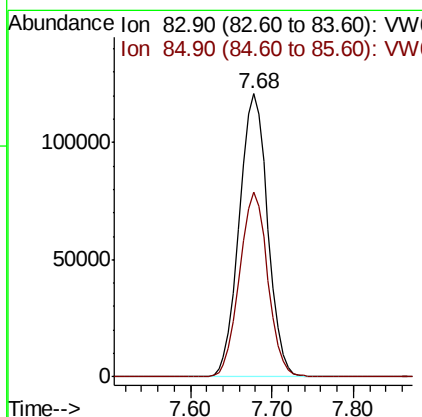
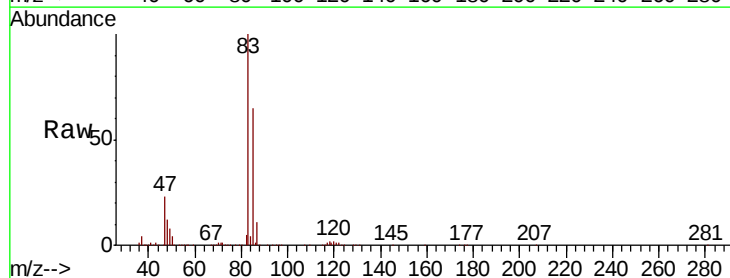
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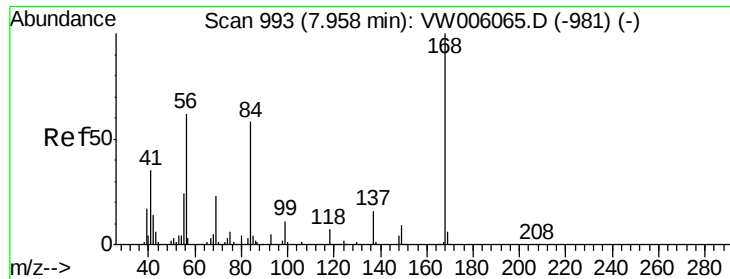
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#30
Chloroform
Concen: 50.418 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	79.0





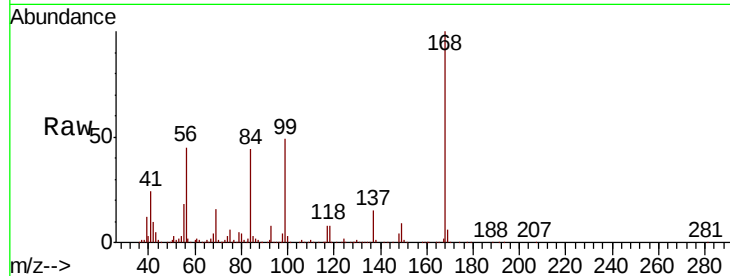
#31
Cyclohexane
Concen: 32.191 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	29.4	44.0
84	95.8	74.0	111.0

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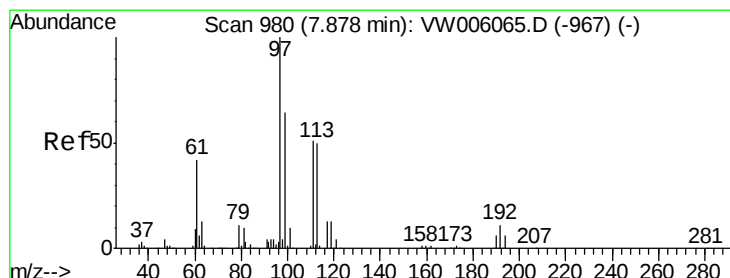
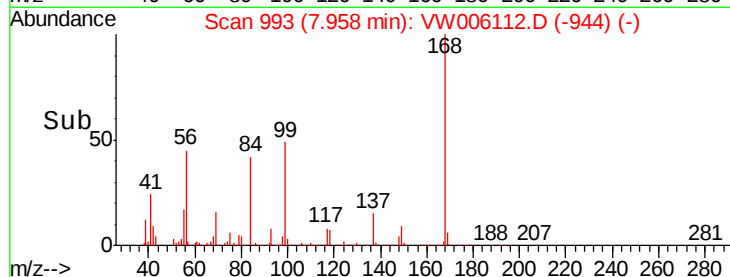
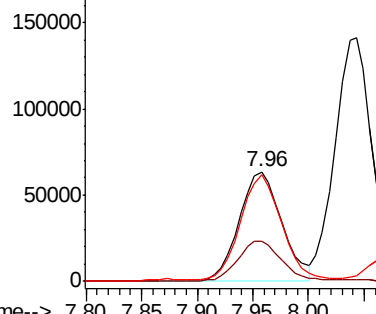


Abundance

Ion 56.00 (55.70 to 56.70): VW

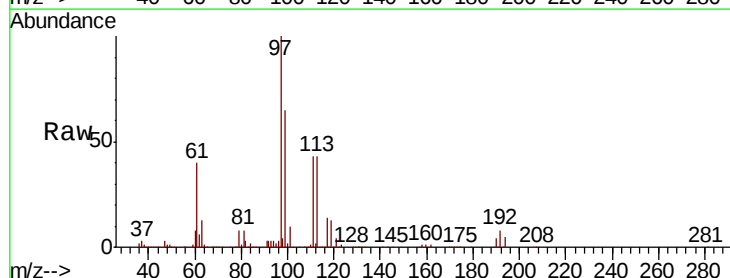
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 43.336 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.9	76.3
61	40.7	33.7	50.5

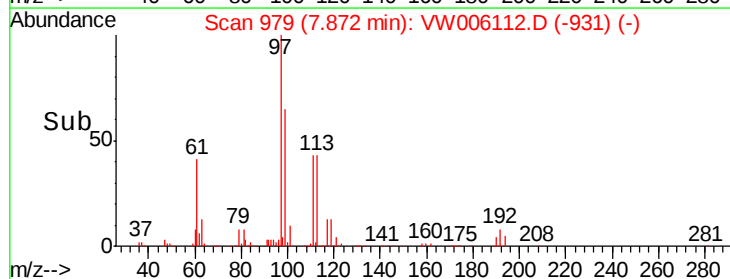
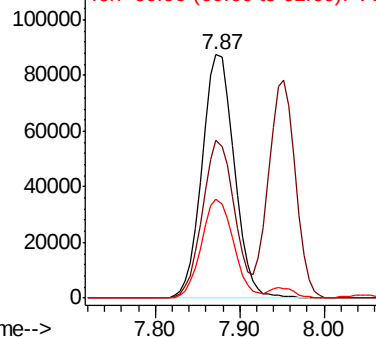


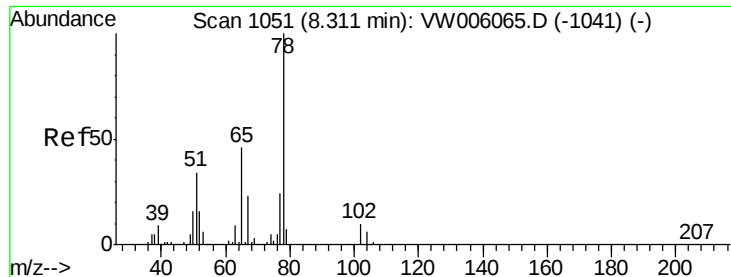
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 46.026 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion: 65 Resp: 132889

Ion Ratio Lower Upper

65 100

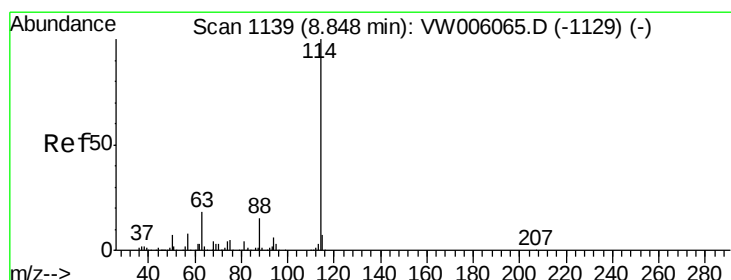
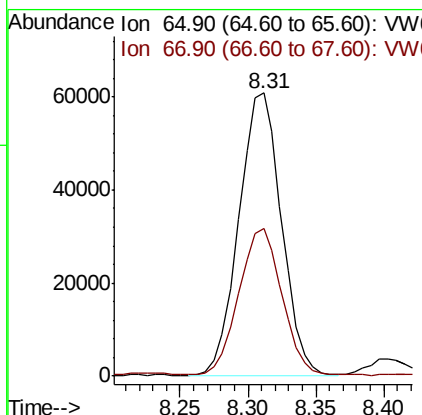
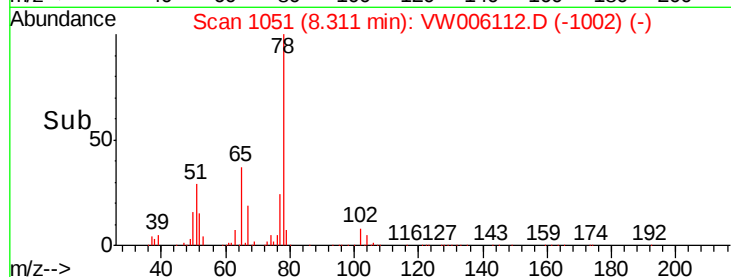
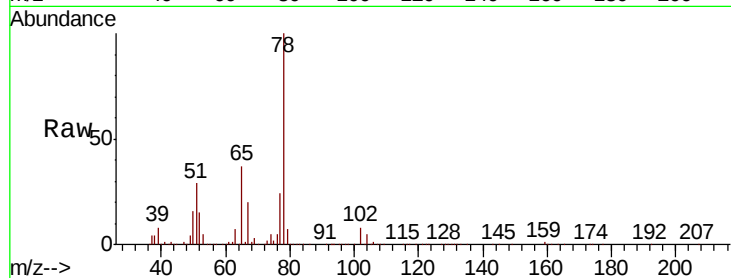
67 52.3 0.0 101.0

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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: VW006112.D

Acq: 17 Oct 2018 07:48

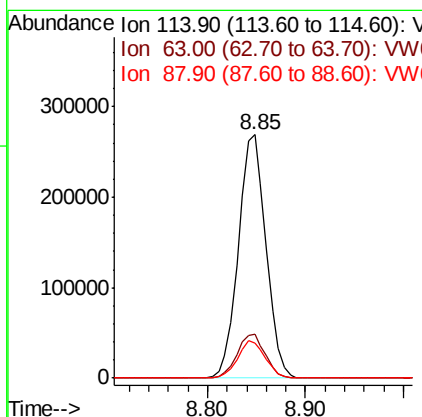
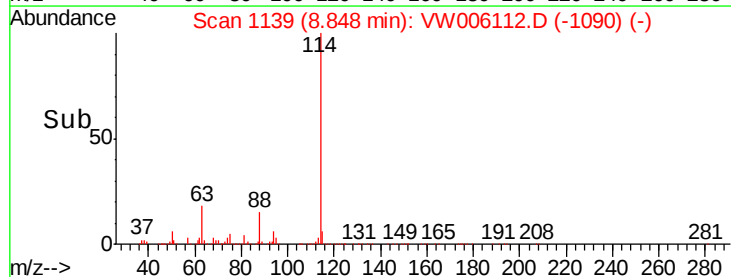
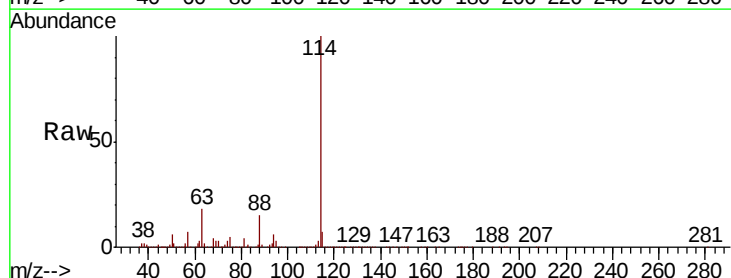
Tgt Ion: 114 Resp: 524641

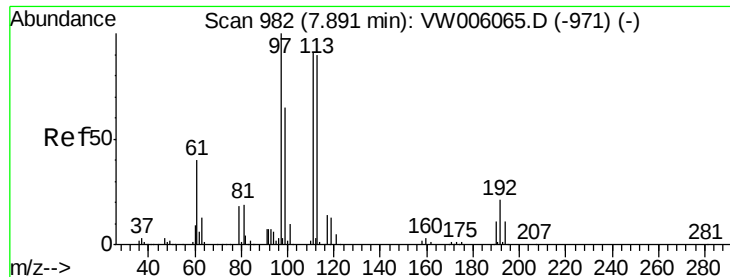
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 42.553 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

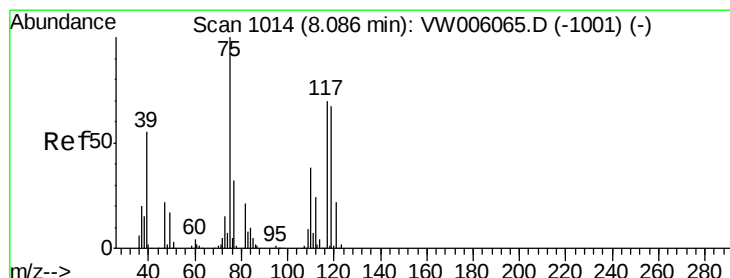
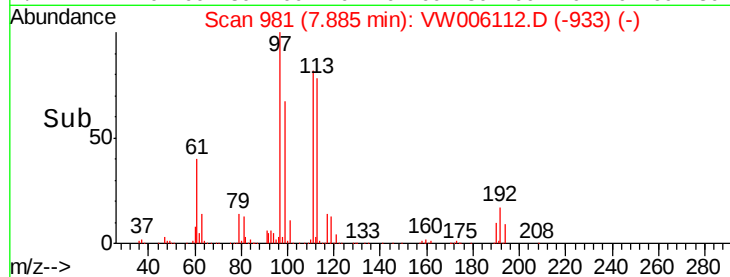
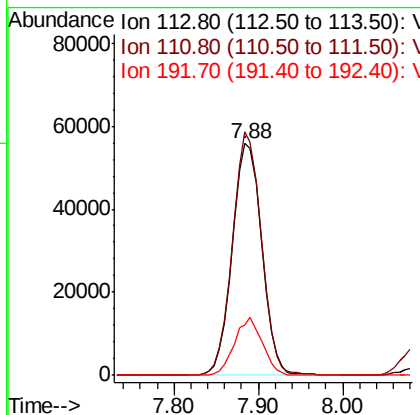
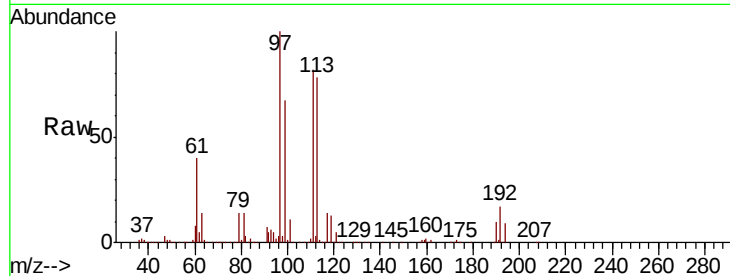
ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:	113	Resp:	131916
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.4	122.0
192	23.3	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 41.698 ug/l

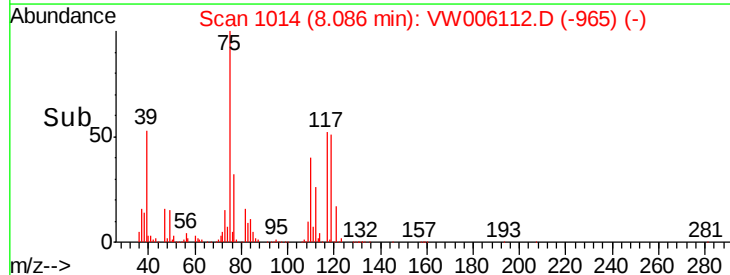
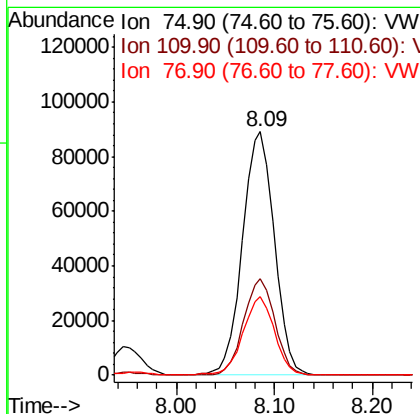
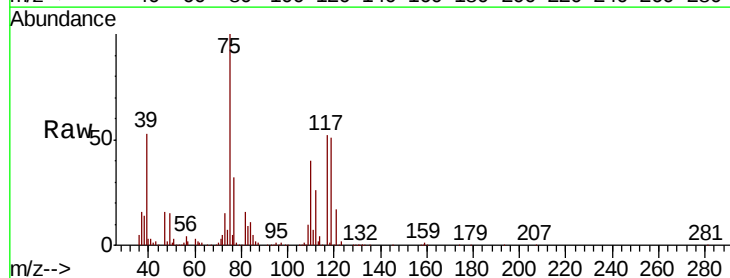
RT: 8.09 min Scan# 1014

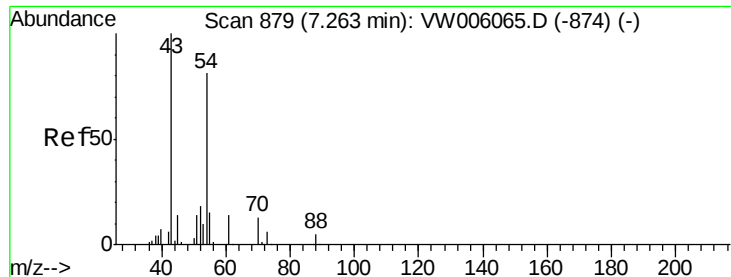
Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion:	75	Resp:	201639
Ion Ratio	Lower	Upper	
75	100		
110	38.9	19.1	57.1
77	31.3	25.0	37.4





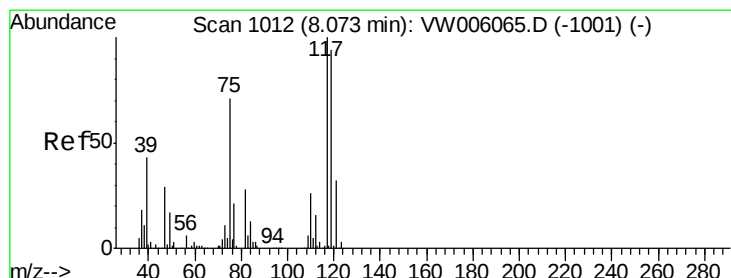
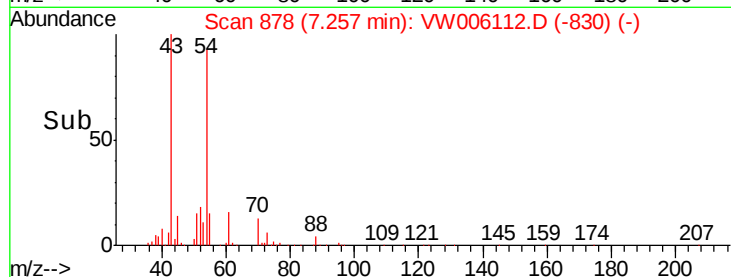
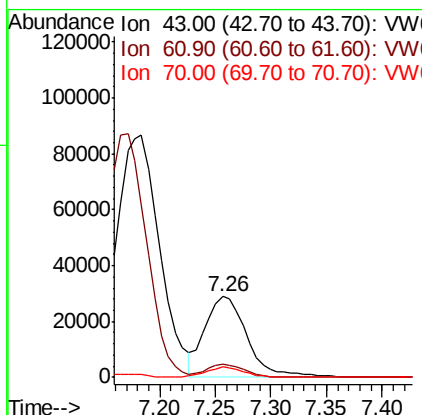
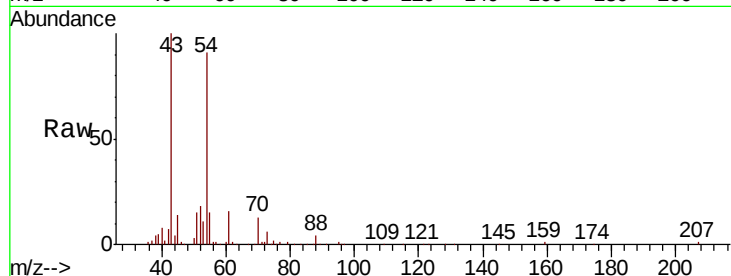
#37
Ethyl Acetate
Concen: 41.494 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.5	17.3
70	12.3	9.2	13.8

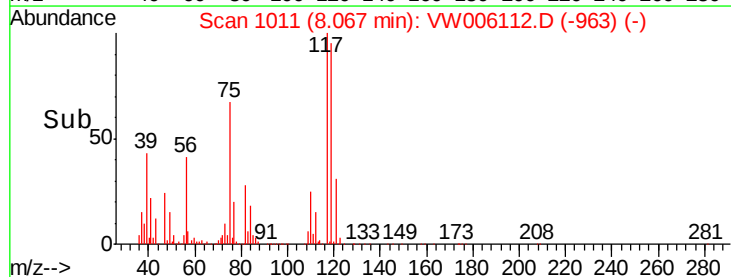
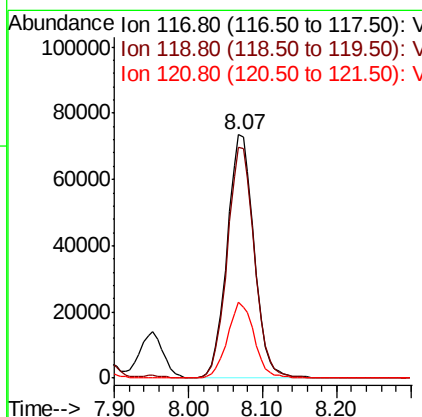
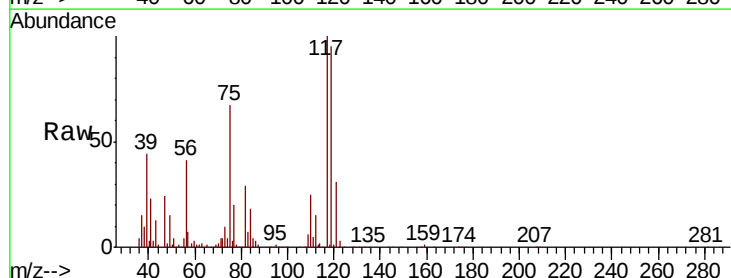
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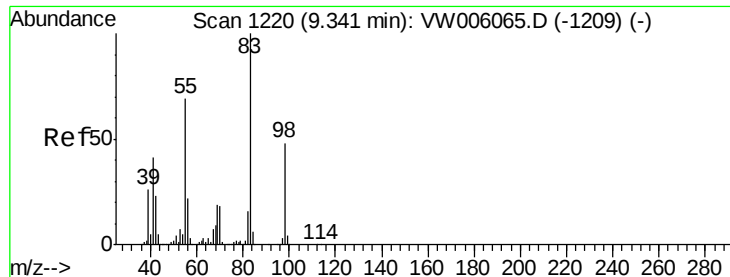
apatel
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#38
Carbon Tetrachloride
Concen: 34.881 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.2	112.8
121	30.9	25.3	37.9





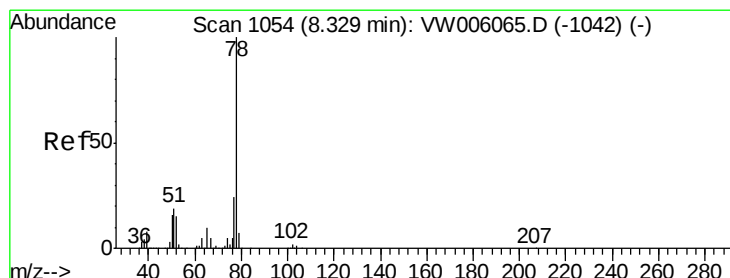
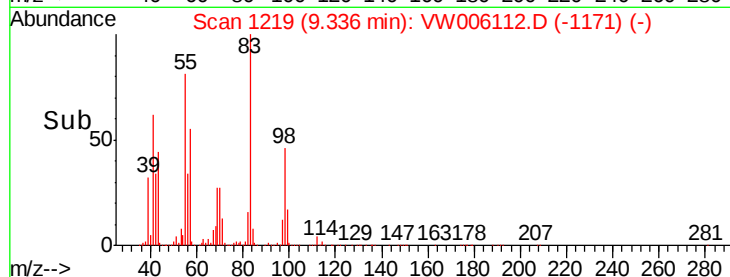
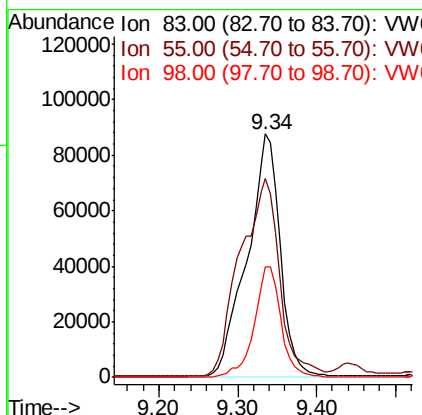
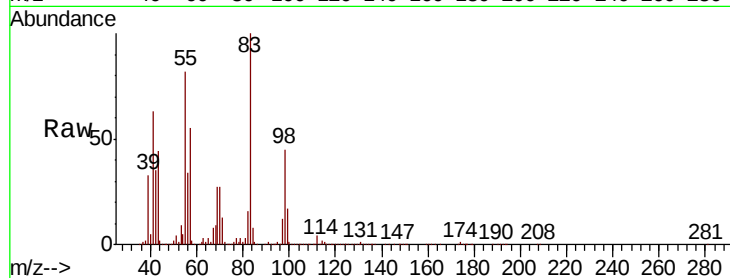
#39
Methvlcvclohexane
Concen: 39.533 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.4	55.0	82.6
98	45.6	38.6	57.8

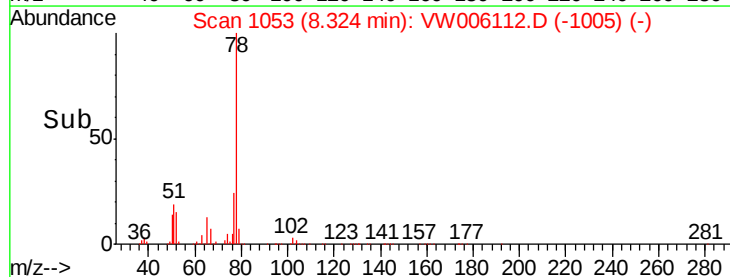
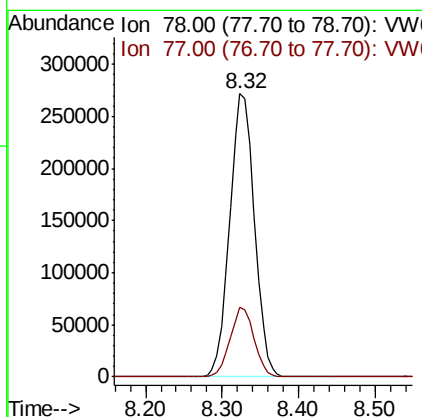
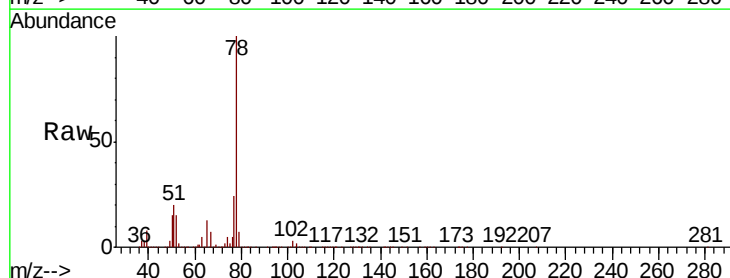
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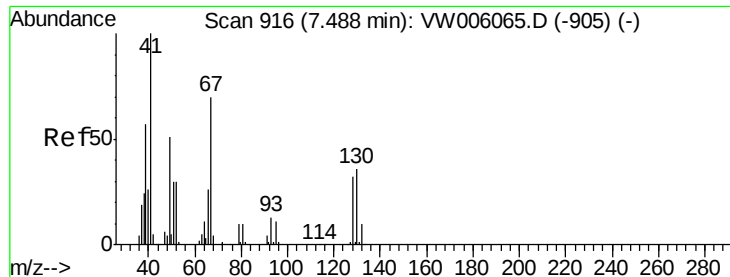
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#40
Benzene
Concen: 45.803 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





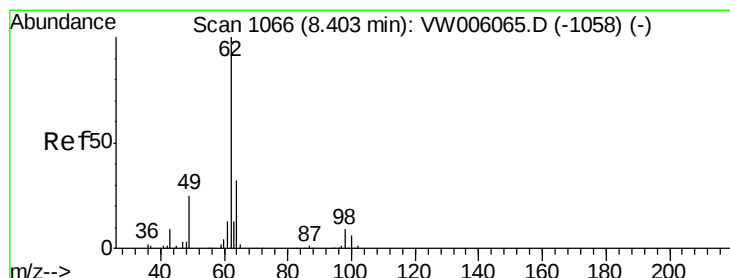
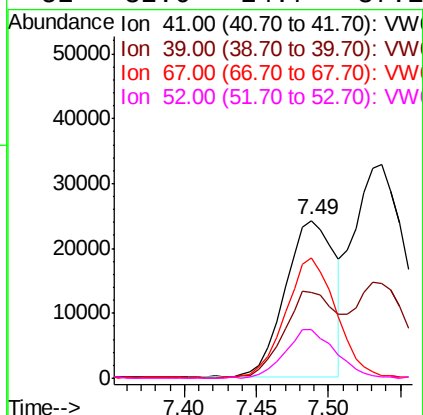
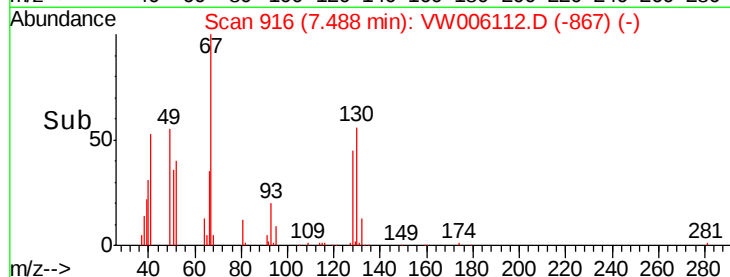
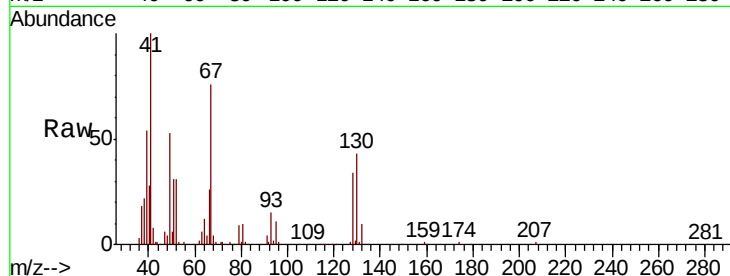
#41
Methacrylonitrile
Concen: 53.179 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.1	46.2	69.4	
67	79.0	57.7	86.5	
52	32.6	24.7	37.1	

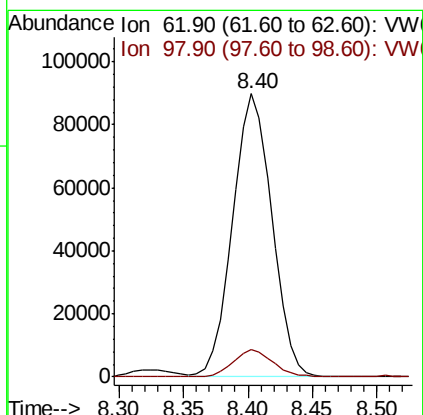
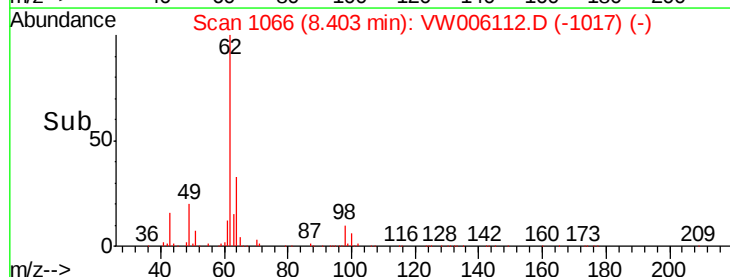
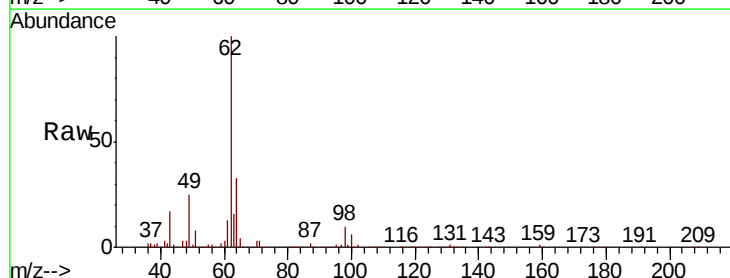
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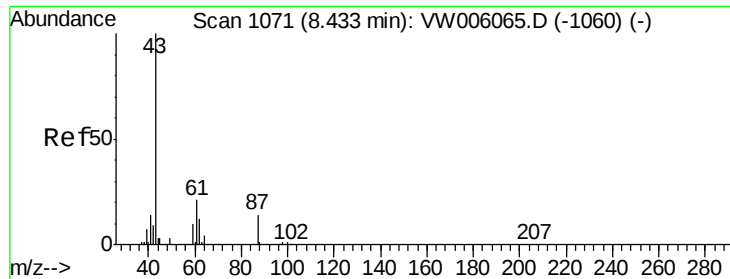
apatel
10/17/2018 10:05:17 AM



#42
1,2-Dichloroethane
Concen: 48.676 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	18.4	





#43

Isopropyl Acetate

Concen: 51.500 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

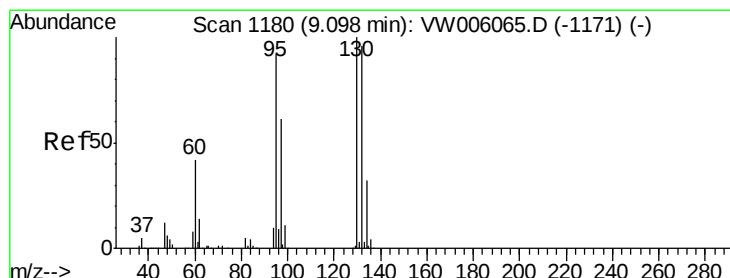
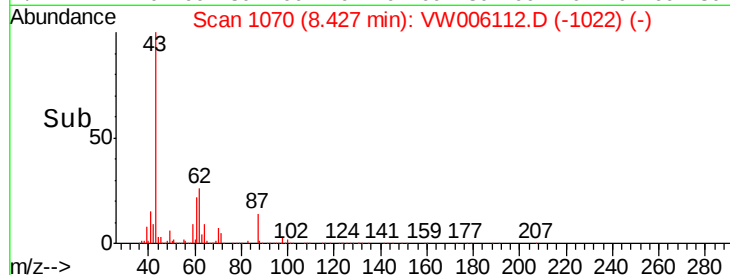
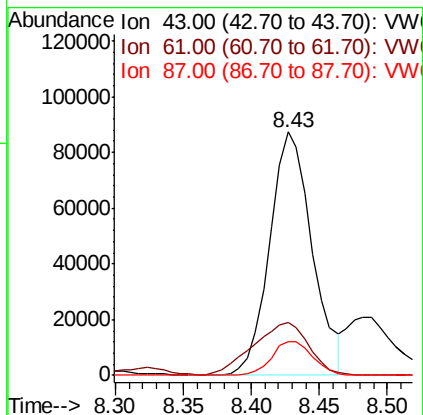
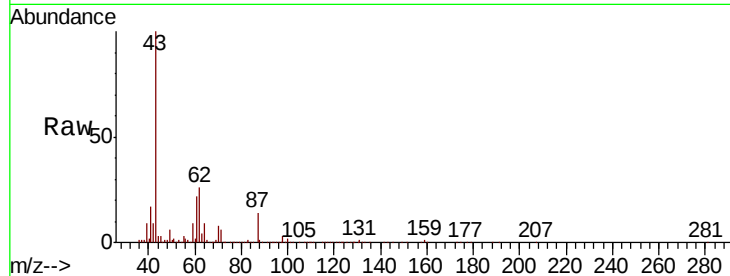
ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:	43	Resp:	189186
Ion	Ratio	Lower	Upper
43	100		
61	28.7	25.5	38.3
87	13.5	11.7	17.5

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#44

Trichloroethene

Concen: 44.615 ug/l

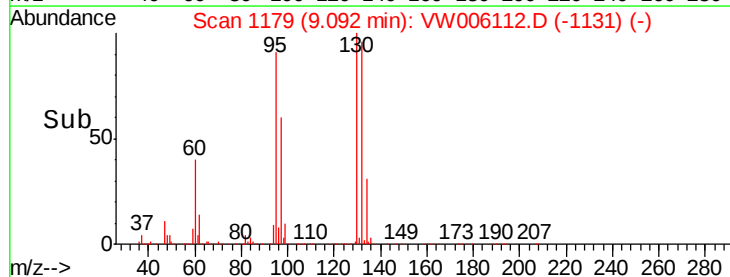
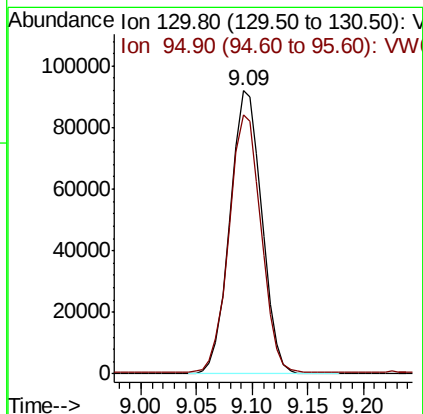
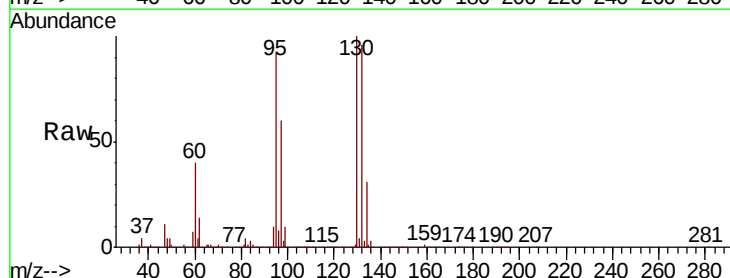
RT: 9.09 min Scan# 1179

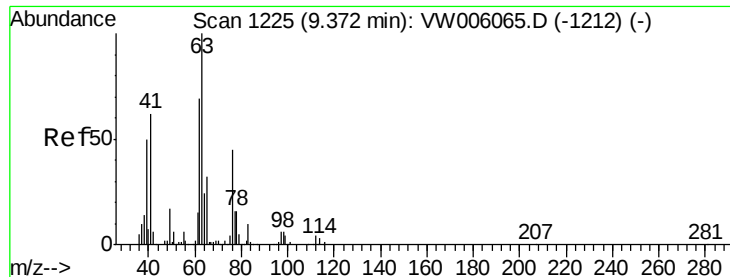
Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion:	130	Resp:	181566
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	183.2





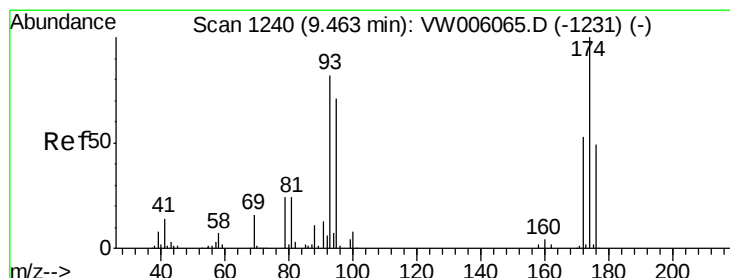
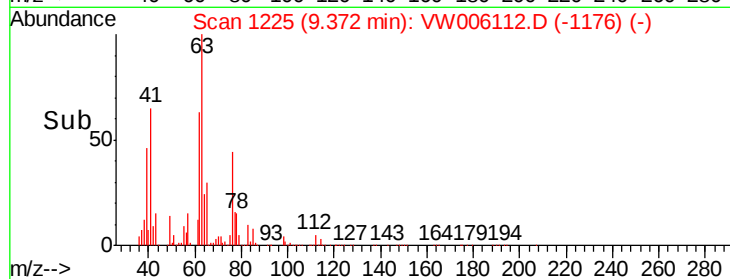
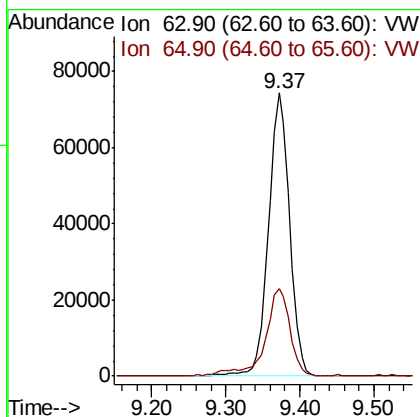
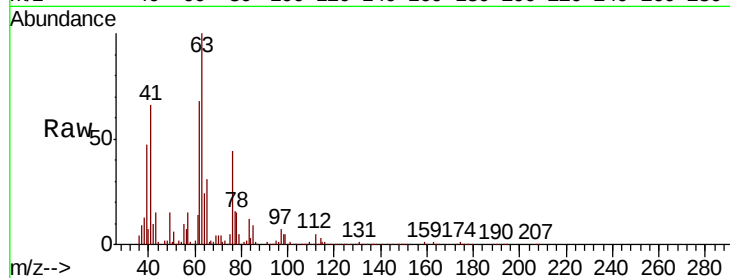
#45
 1,2-Dichloropropane
 Concen: 46.203 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006112.D
 Acq: 17 Oct 2018 07:48

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FTMSD

Tot Ion	63	Resp	146655
Ion Ratio	Lower	Upper	
63	100		
65	30.6	25.4	38.0

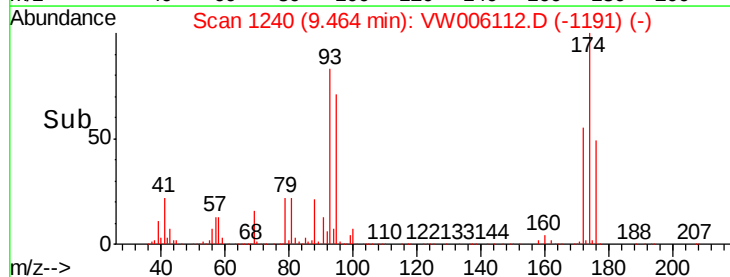
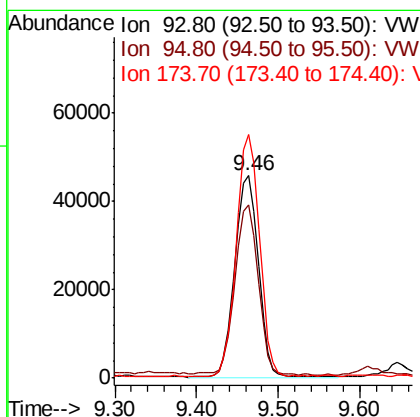
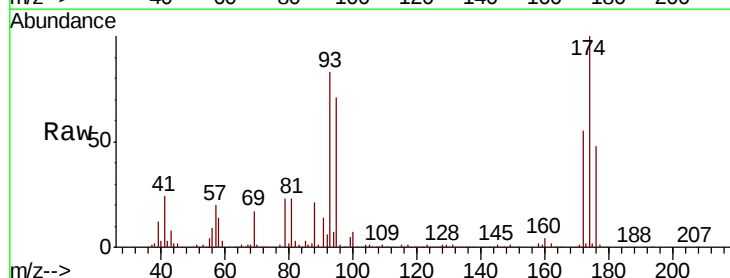
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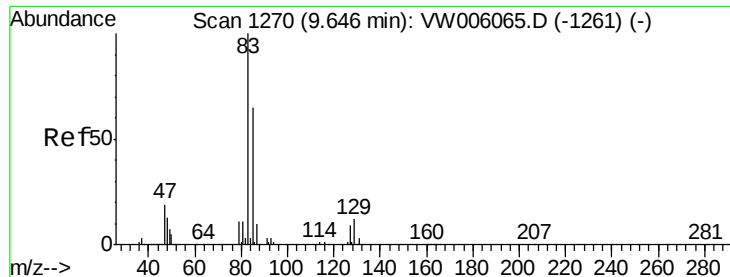
apatel
 10/17/2018 10:05:17 AM



#46
 Dibromomethane
 Concen: 50.349 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006112.D
 Acq: 17 Oct 2018 07:48

Tgt Ion	93	Resp	91088
Ion Ratio	Lower	Upper	
93	100		
95	84.2	67.7	101.5
174	117.3	93.7	140.5





#47

Bromodichloromethane

Concen: 45.643 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

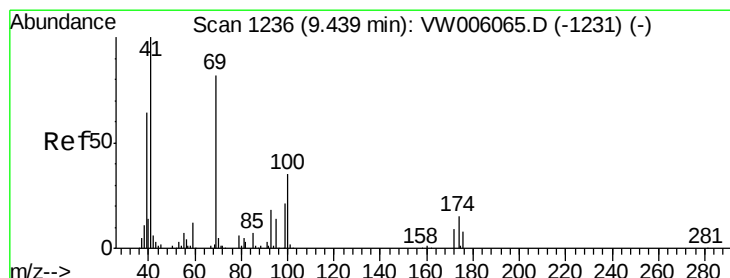
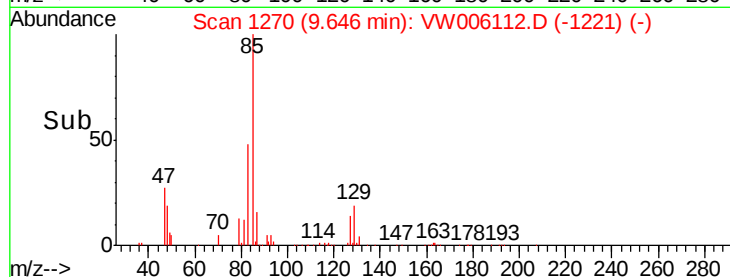
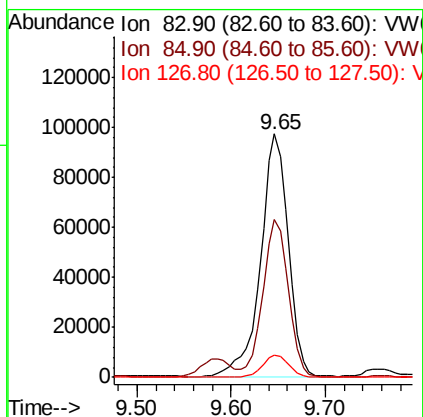
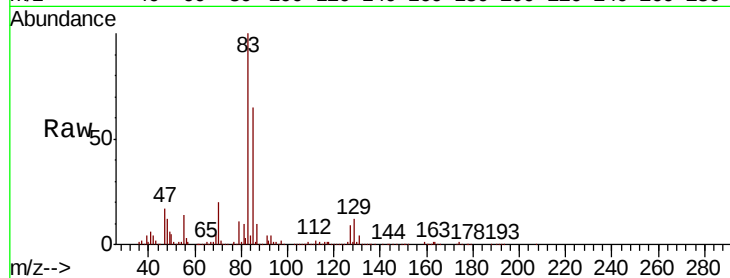
ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:	83	Resp:	200198
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.8	77.8
127	9.0	6.9	10.3

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#48

Methyl methacrylate

Concen: 59.109 ug/l

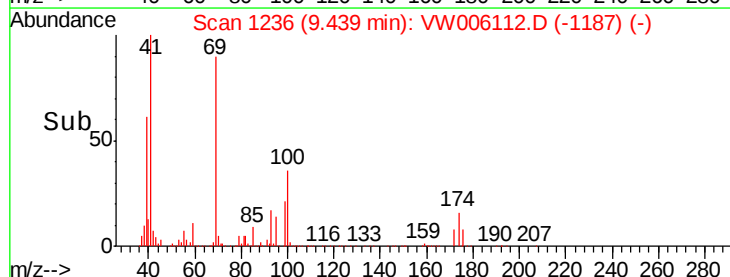
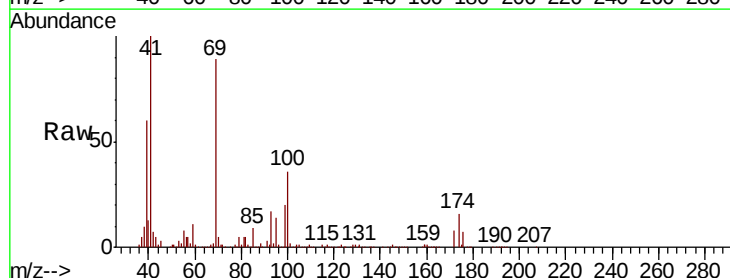
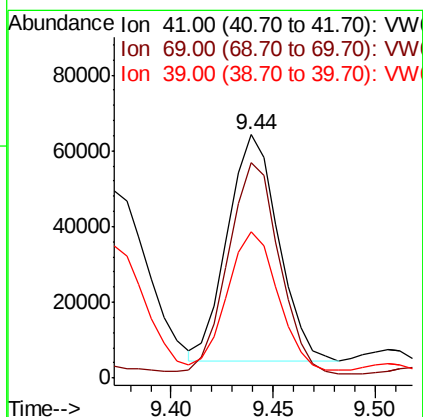
RT: 9.44 min Scan# 1236

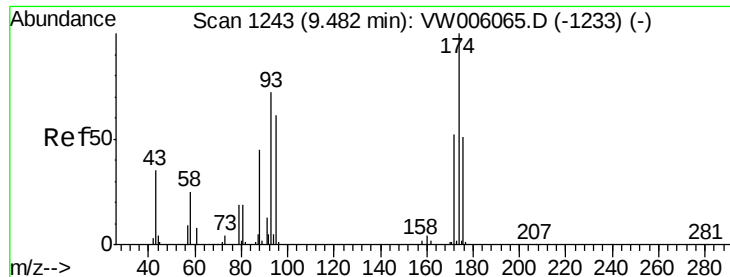
Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion:	41	Resp:	102927
Ion Ratio	Lower	Upper	
41	100		
69	97.9	71.8	107.8
39	68.1	52.5	78.7





#49

1,4-Dioxane

Concen: 1094.833 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

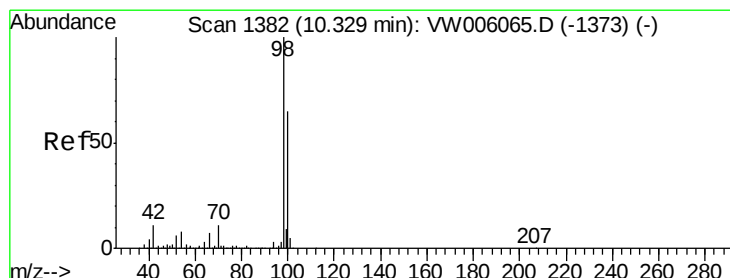
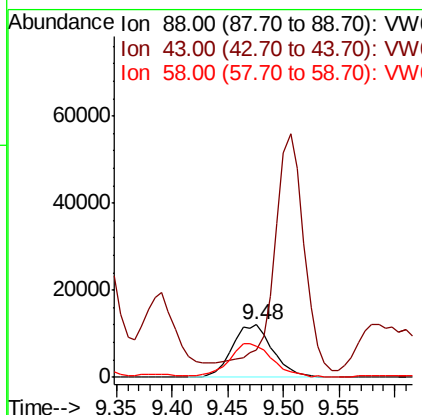
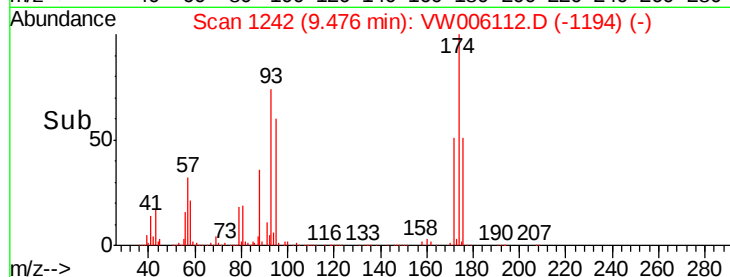
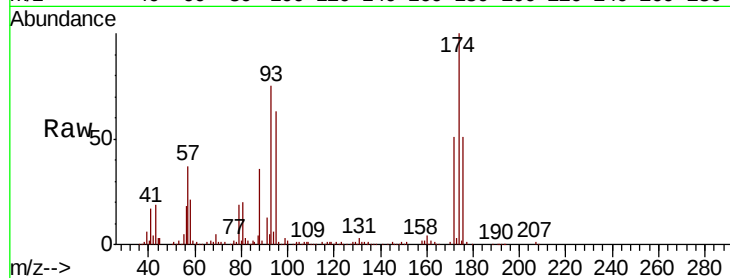
ClientSampled :

SB-10-5-7FTMSD

Tot Ion:	88	Resp:	30492
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	67.1	51.2	76.8

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#50

Toluene-d8

Concen: 40.945 ug/l

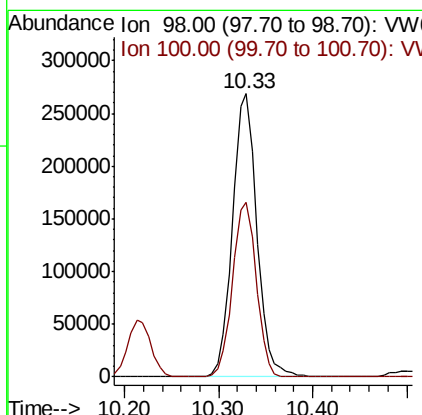
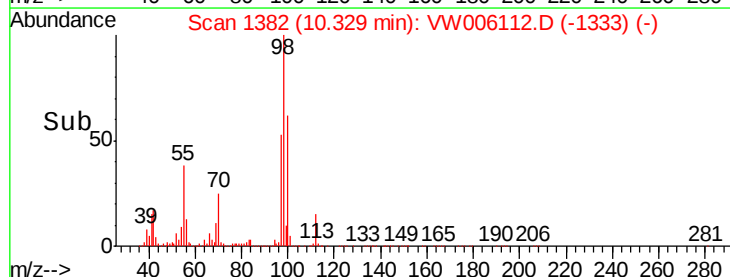
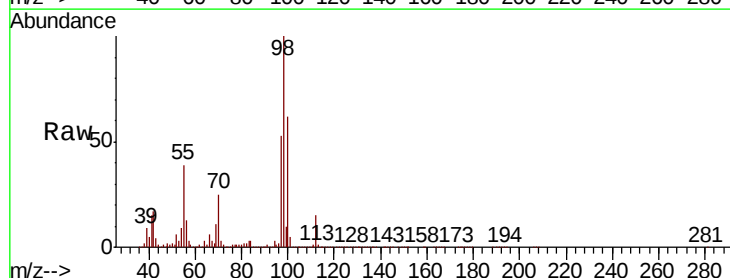
RT: 10.33 min Scan# 1382

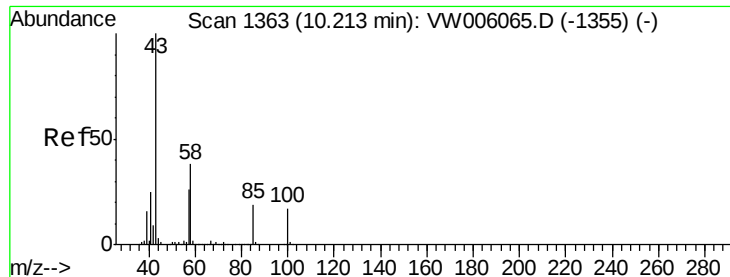
Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion:	98	Resp:	482919
Ion Ratio	Lower	Upper	
98	100		
100	60.3	51.6	77.4





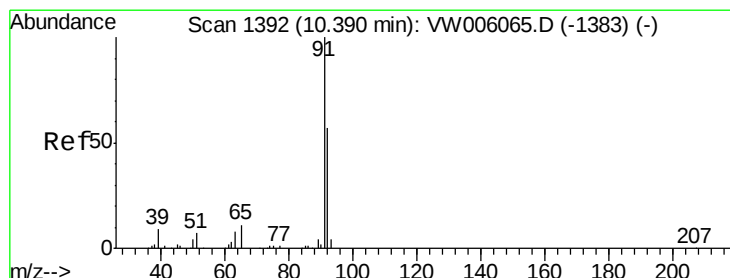
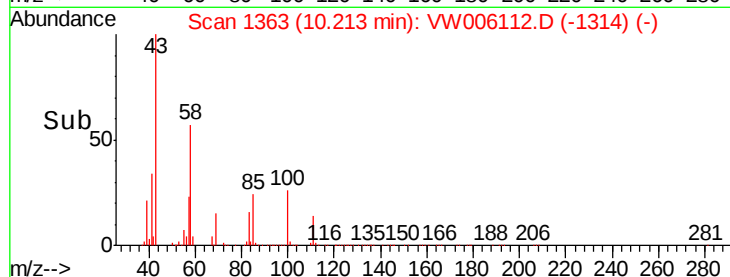
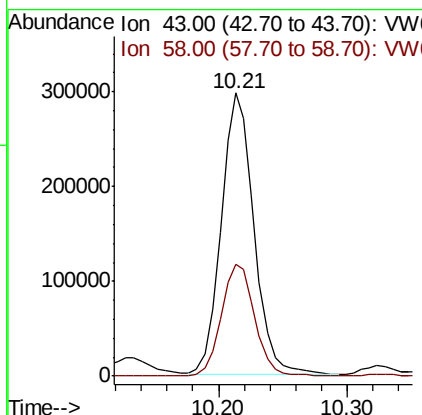
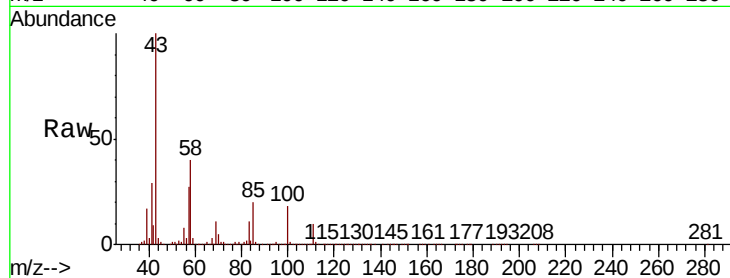
#51
4-Methyl-2-Pentanone
Concen: 284.821 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	43	Resp	524234
Ion Ratio	100	Lower	Upper
43	100		
58	40.9	31.5	47.3

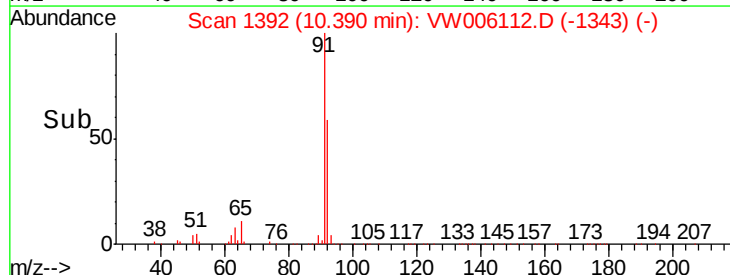
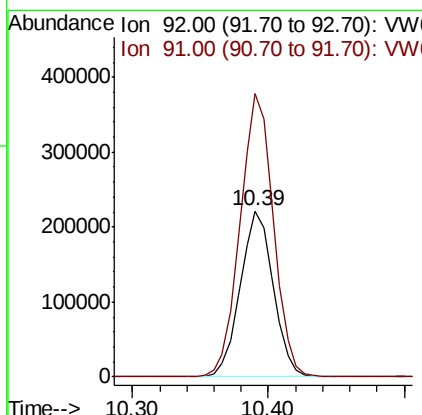
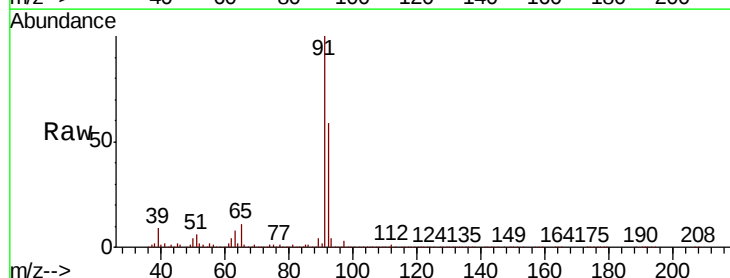
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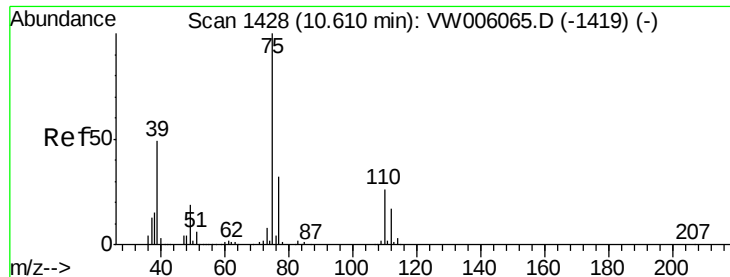
apatel
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#52
Toluene
Concen: 41.893 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion	92	Resp	372551
Ion Ratio	100	Lower	Upper
92	100		
91	172.1	140.0	210.0





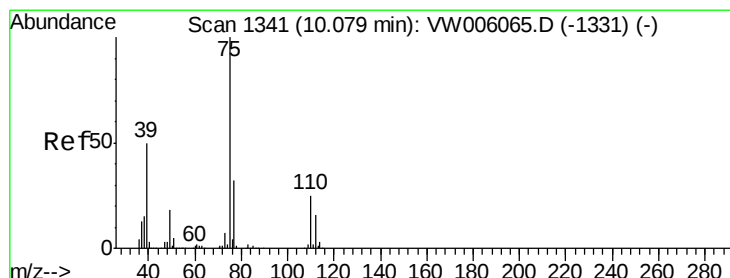
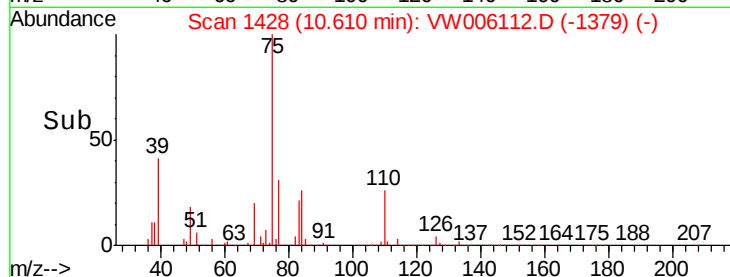
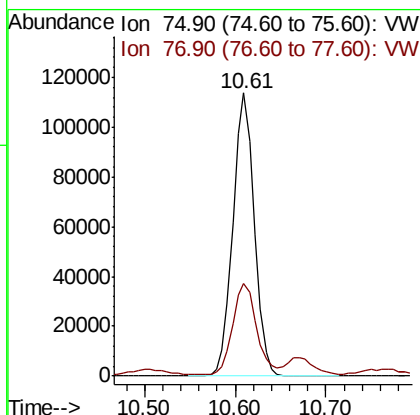
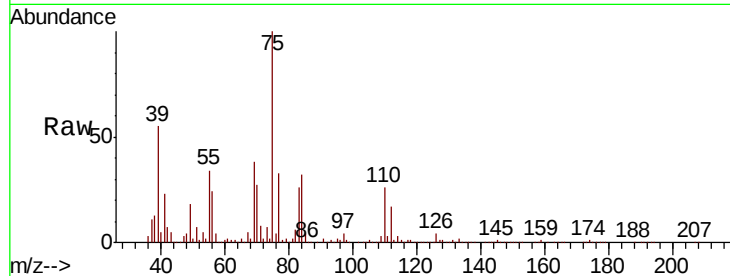
#53
t-1,3-Dichloropropene
Concen: 42.720 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion: 75 Resp: 186686
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

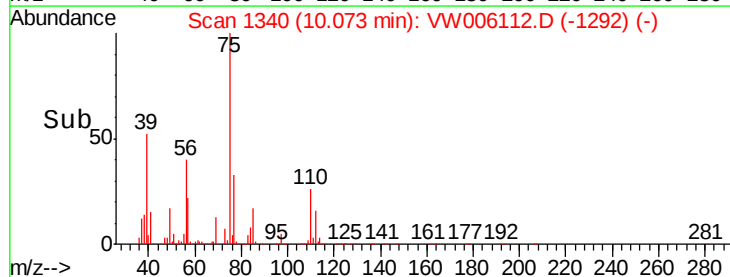
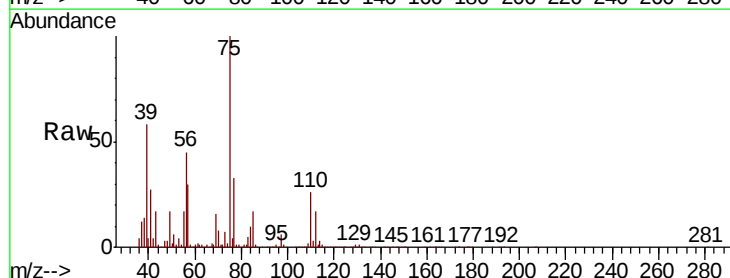
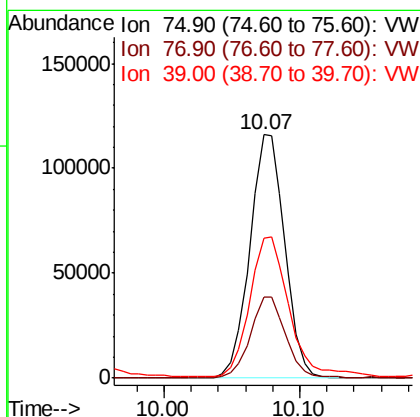
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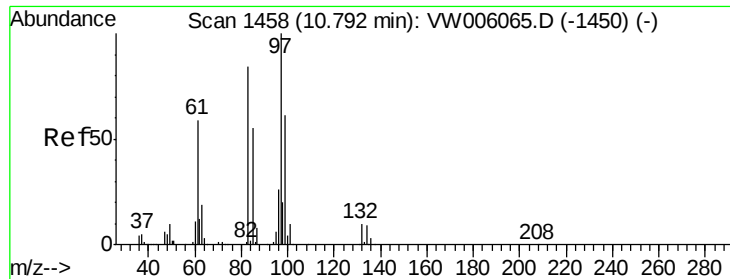
apatel
10/17/2018 10:05:17 AM



#54
cis-1,3-Dichloropropene
Concen: 41.676 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion: 75 Resp: 209022
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
39 57.1 39.9 59.9





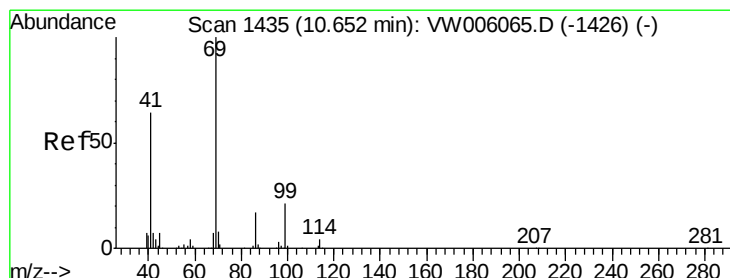
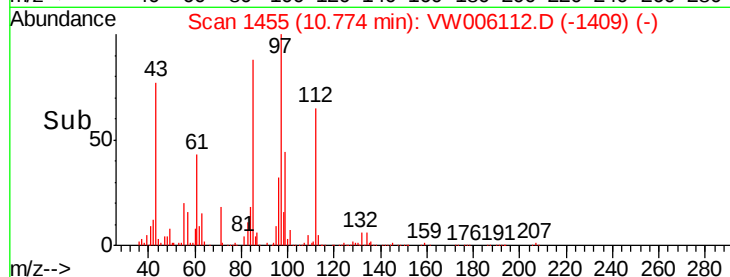
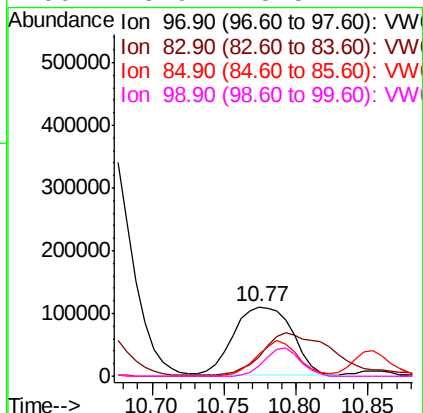
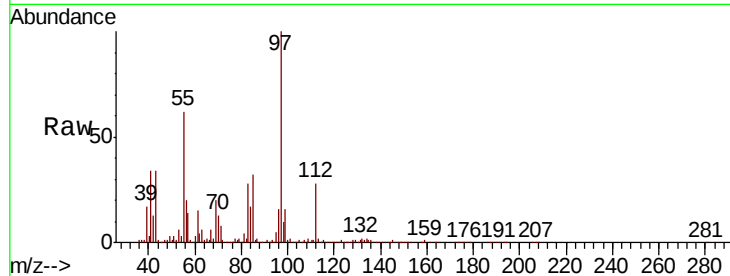
#55
 1,1,2-Trichloroethane
 Concen: 121.445 ug/l
 RT: 10.77 min Scan# 1455
 Delta R.T. -0.02 min
 Lab File: VW006112.D
 Acq: 17 Oct 2018 07:48

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		307460		
83	27.9	67.2	100.8#		
85	32.2	43.7	65.5#		
99	15.9	48.5	72.7#		

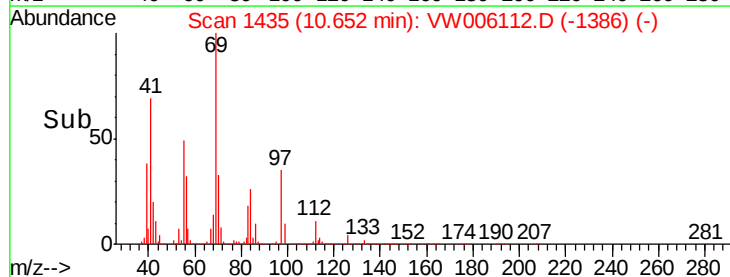
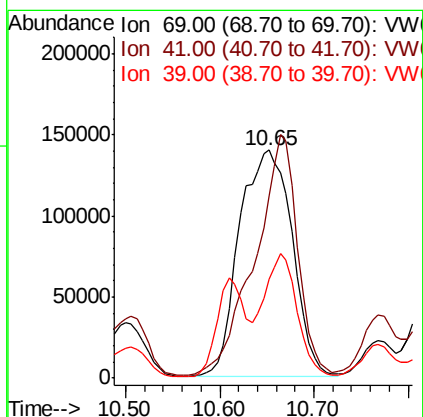
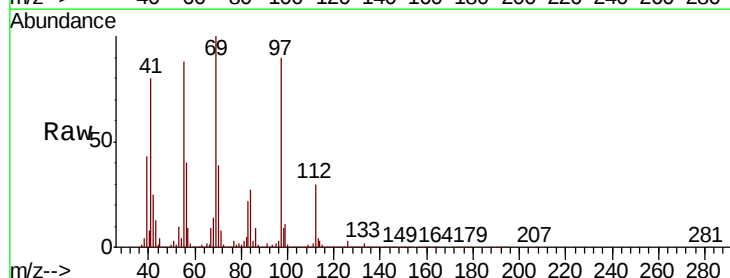
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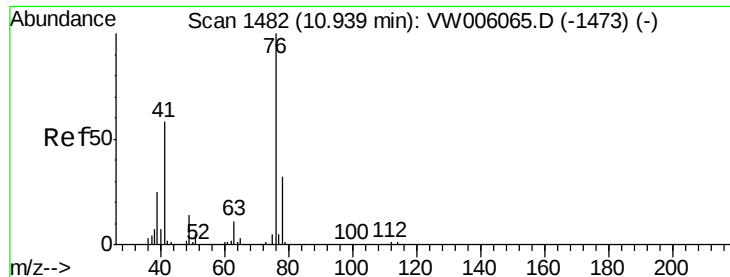
apatel
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#56
 Ethyl methacrylate
 Concen: 175.513 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006112.D
 Acq: 17 Oct 2018 07:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		544728		
41	85.9	52.8	79.2#		
39	33.4	30.6	45.8		





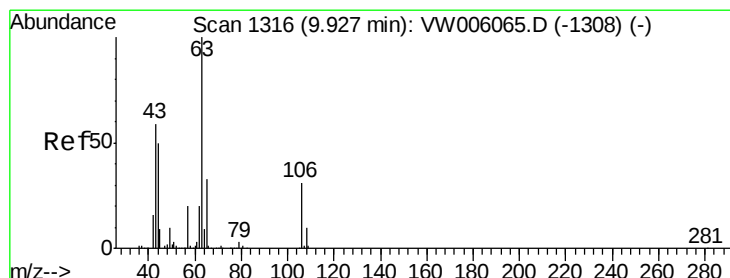
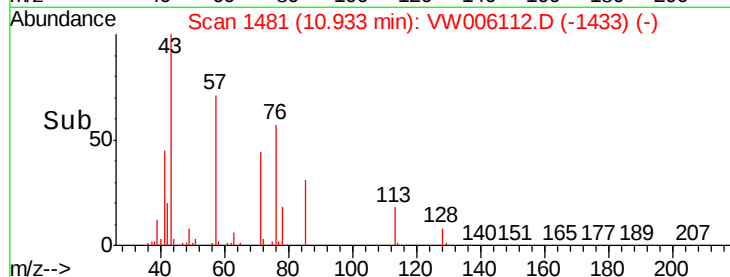
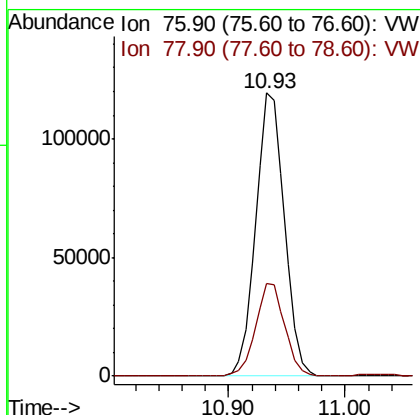
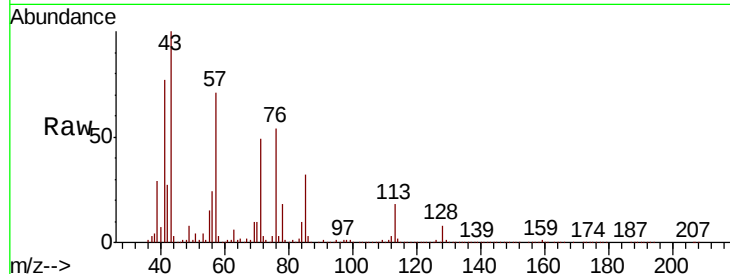
#57
 1,3-Dichloropropane
 Concen: 48.917 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006112.D
 Acq: 17 Oct 2018 07:48

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FTMSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.9	38.9

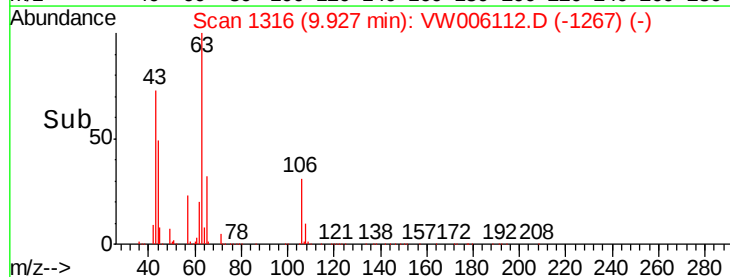
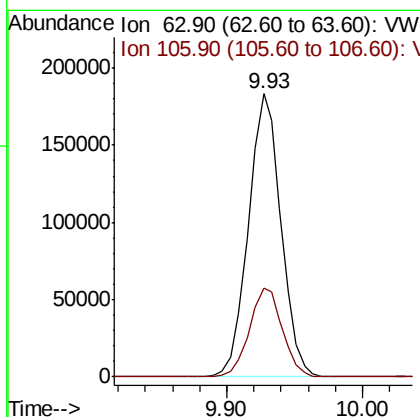
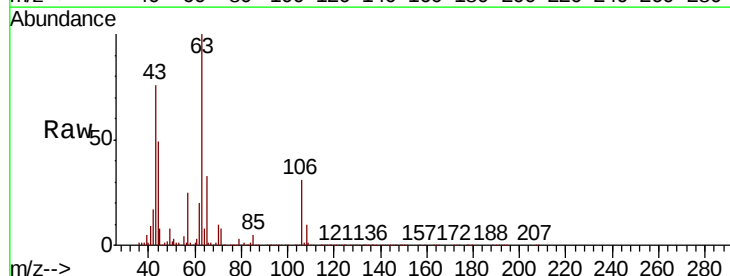
Manual Integrations
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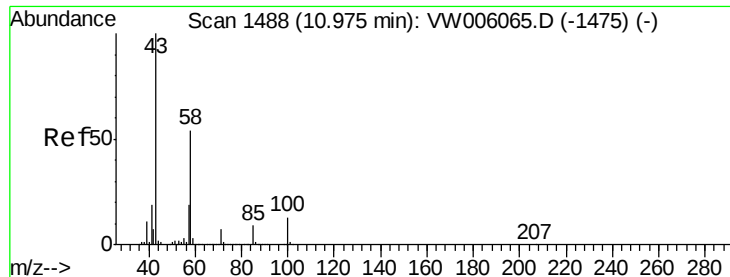
apatel
 10/17/2018 10:05:17 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.485 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006112.D
 Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	24.5	36.7





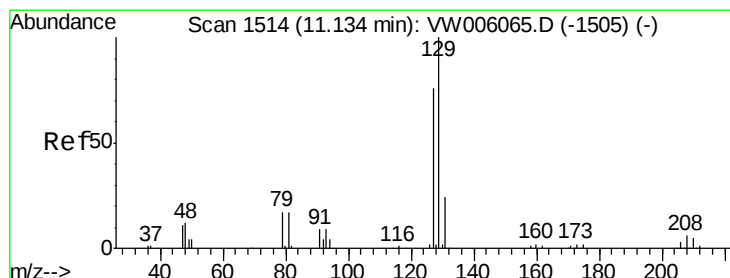
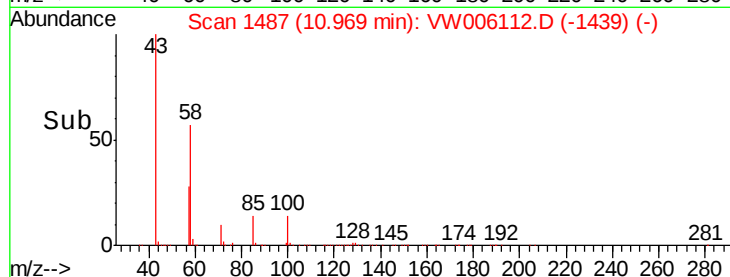
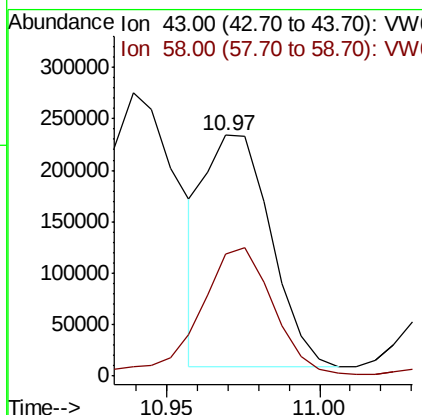
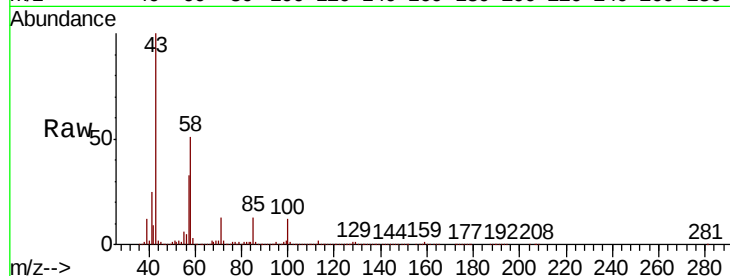
#59
2-Hexanone
Concen: 255.156 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion: 43 Resp: 335241
Ion Ratio Lower Upper
43 100
58 63.7 26.9 80.6

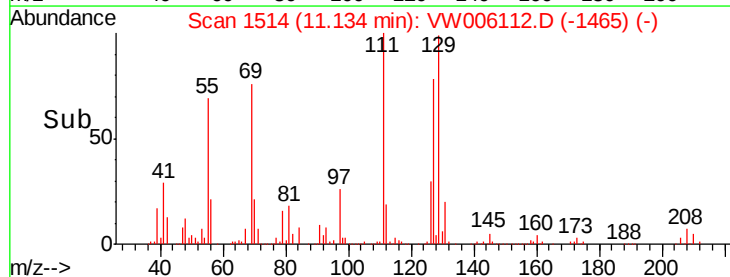
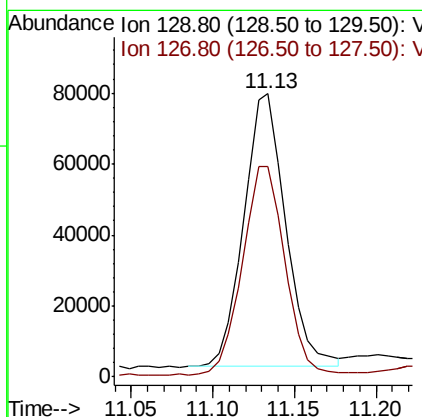
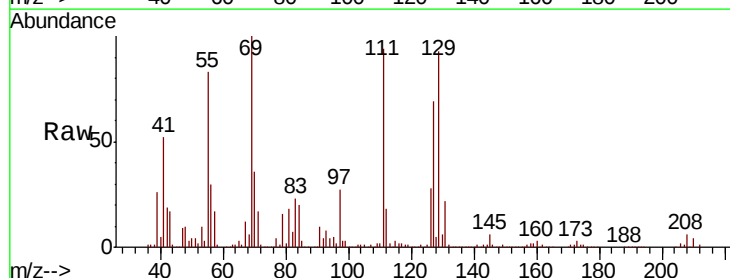
Manual Integrations
APPROVED

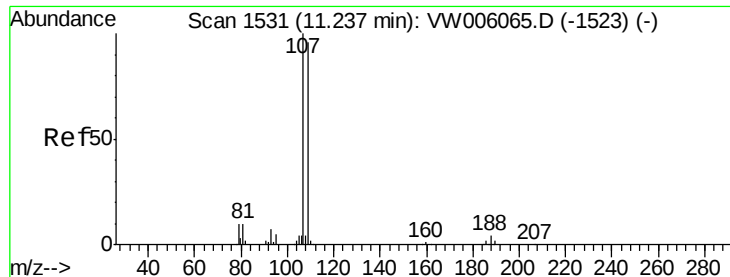
apatel
10/17/2018 10:05:17 AM



#60
Dibromochloromethane
Concen: 43.661 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion: 129 Resp: 137681
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7





#61

1,2-Dibromoethane

Concen: 50.064 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion: 107 Resp: 126643

Ion Ratio Lower Upper

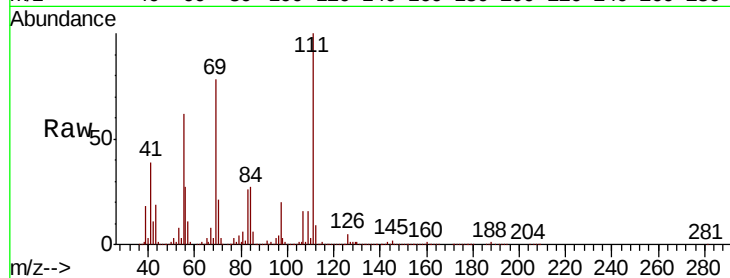
107 100

109 102.4 76.3 114.5

Manual Integrations
APPROVED

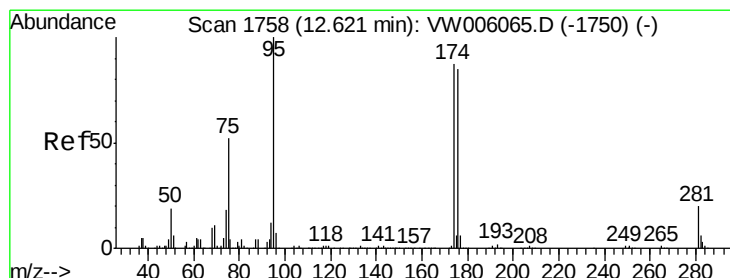
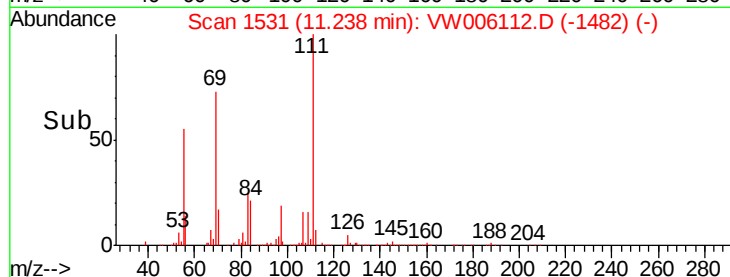
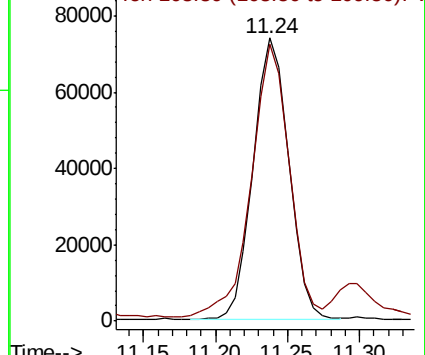
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 81.294 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

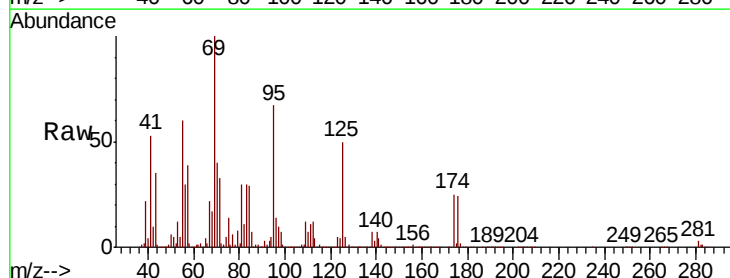
Tgt Ion: 95 Resp: 360117

Ion Ratio Lower Upper

95 100

174 38.1 0.0 186.0

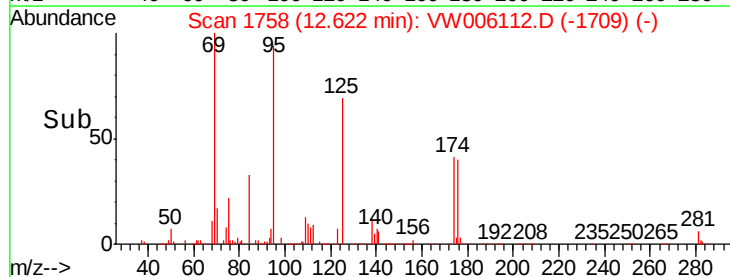
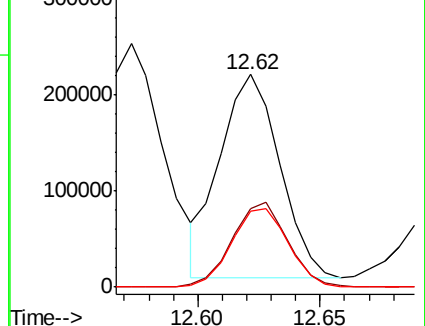
176 37.0 0.0 181.6

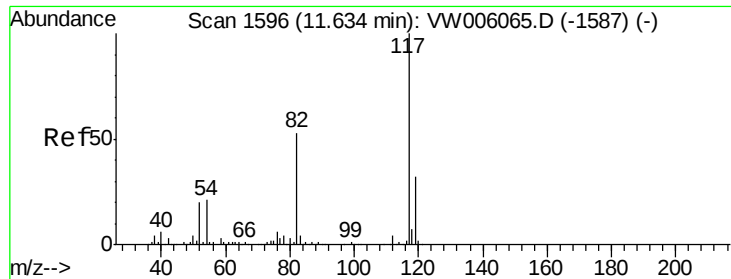


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





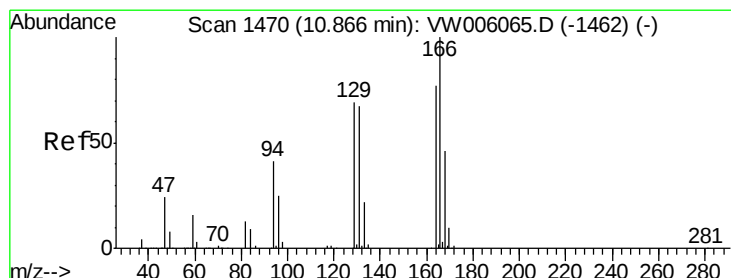
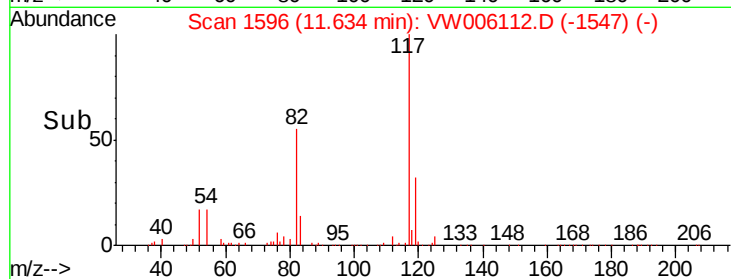
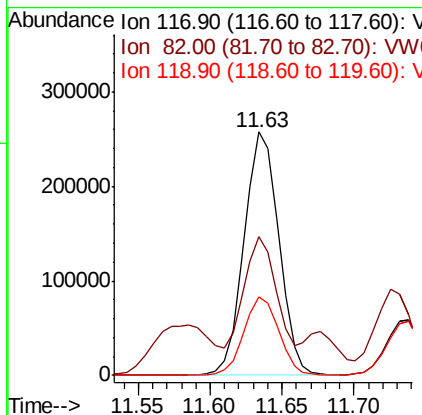
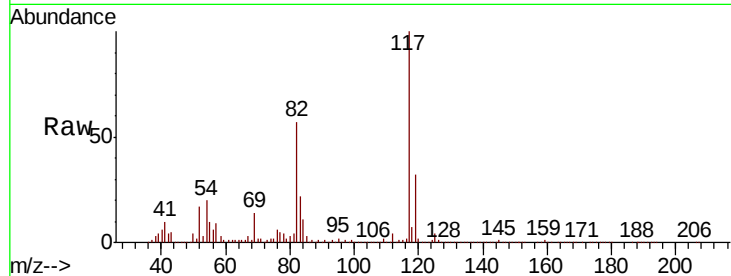
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	46.2	42.1	63.1
119	31.9	25.8	38.6

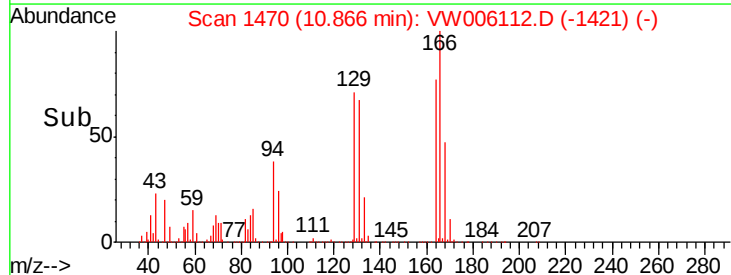
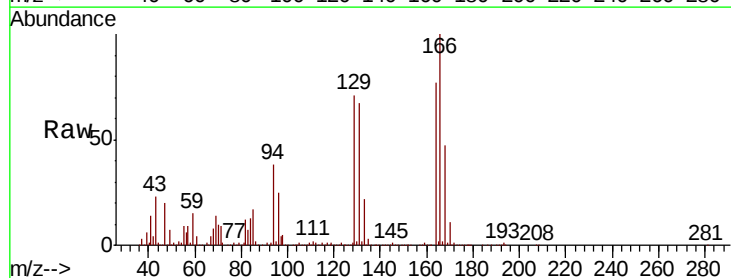
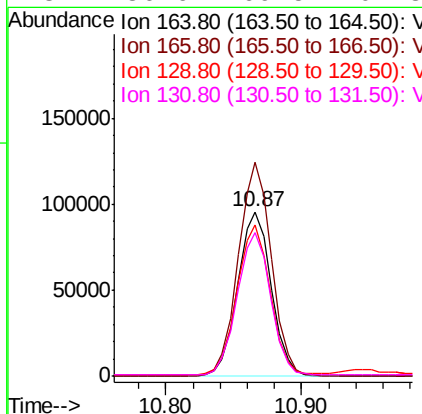
Manual Integrations
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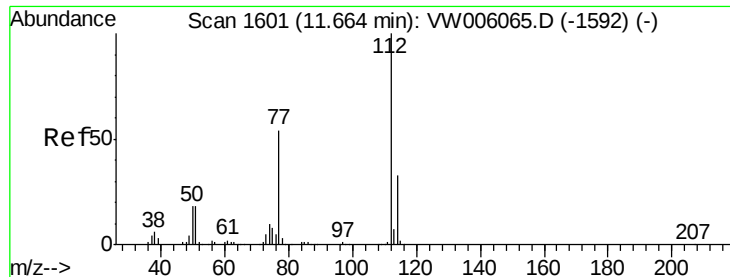
apatel
10/17/2018 10:05:17 AM



#64
Tetrachloroethene
Concen: 49.416 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	103.4	155.0
129	91.5	71.8	107.8
131	86.6	69.5	104.3





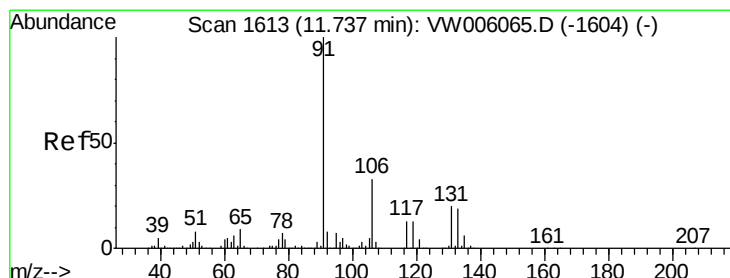
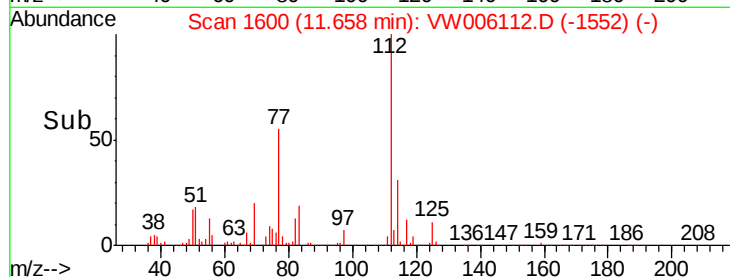
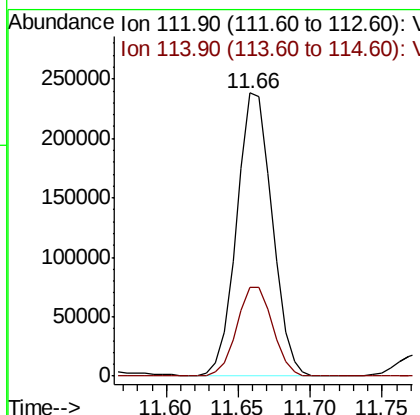
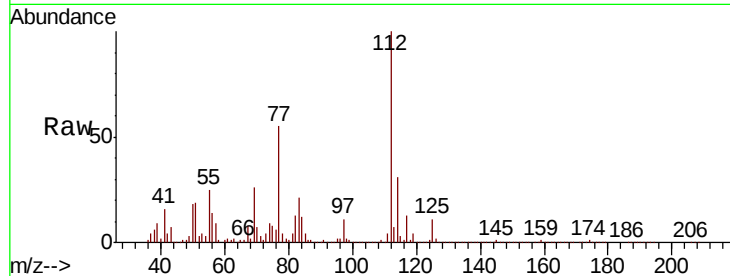
#65
Chlorobenzene
Concen: 44.670 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion:112 Resp: 407188
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

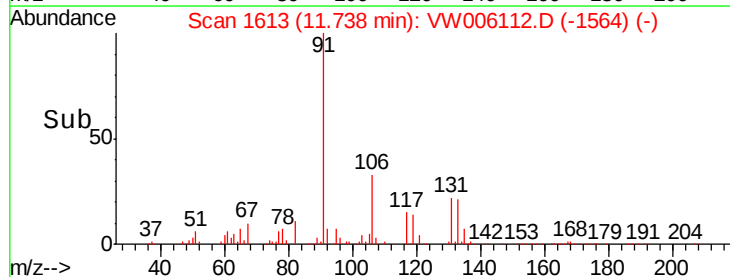
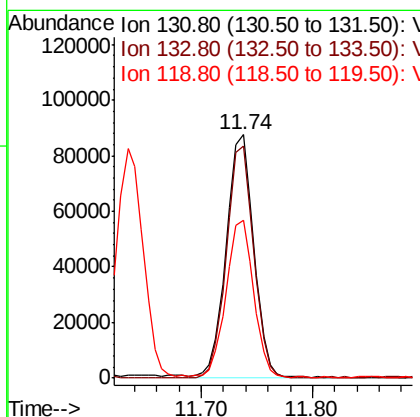
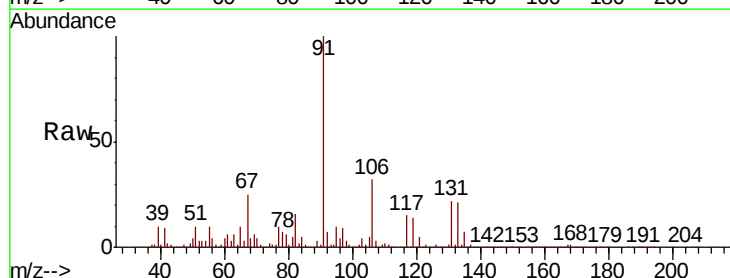
Manual Integrations
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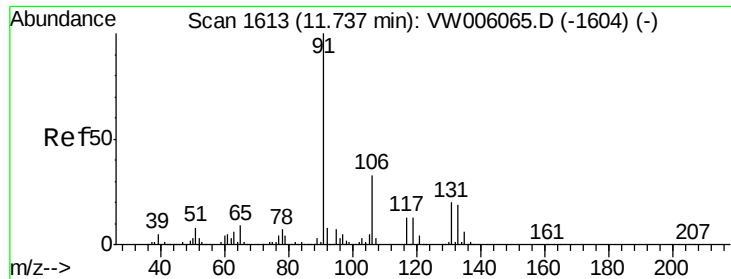
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.173 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion:131 Resp: 149574
Ion Ratio Lower Upper
131 100
133 93.9 48.1 144.3
119 64.5 31.6 94.7





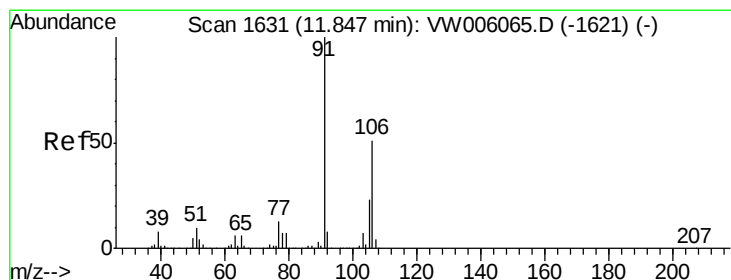
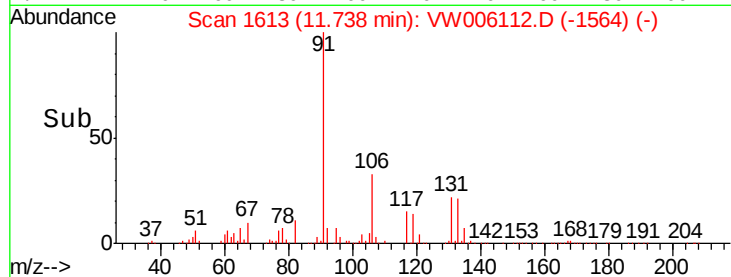
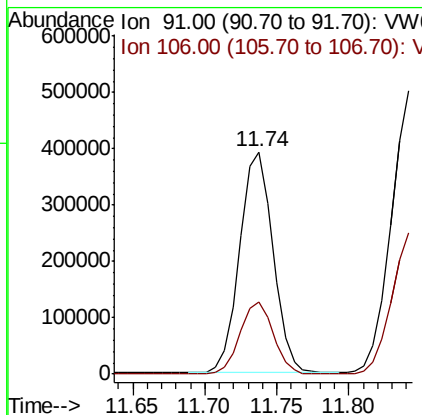
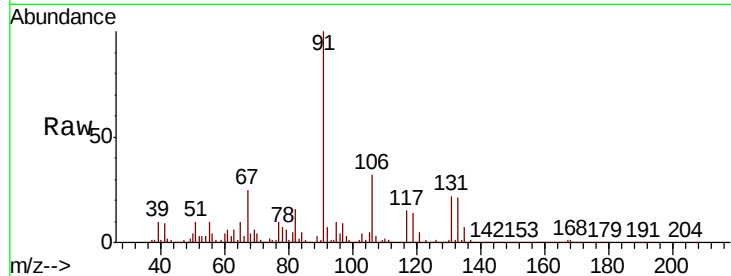
#67
Ethyl Benzene
Concen: 39.979 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion: 91 Resp: 631558
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1

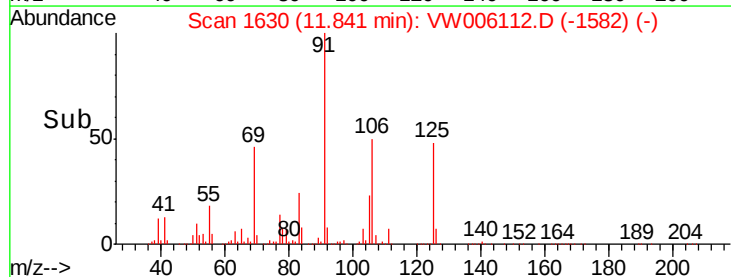
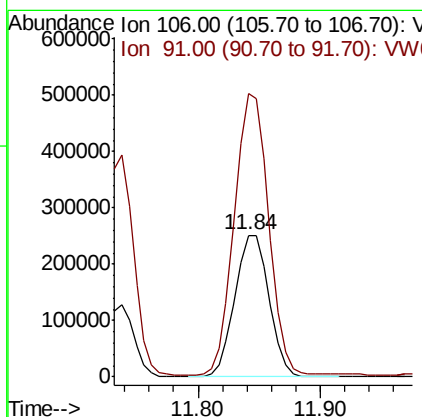
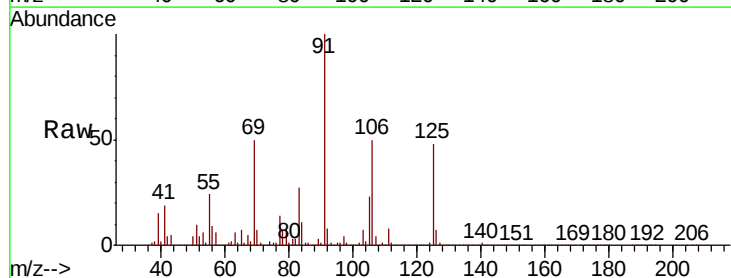
Manual Integrations
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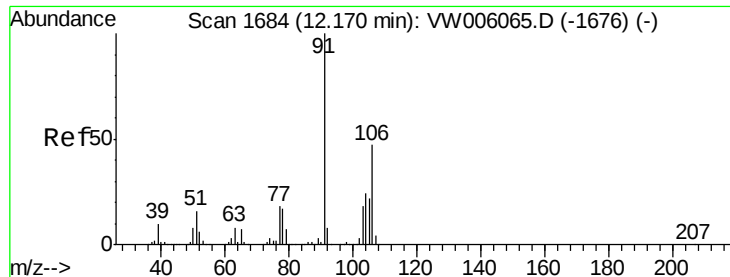
apatel
10/17/2018 10:05:17 AM



#68
m/p-Xylenes
Concen: 77.798 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion: 106 Resp: 485766
Ion Ratio Lower Upper
106 100
91 200.3 159.1 238.7





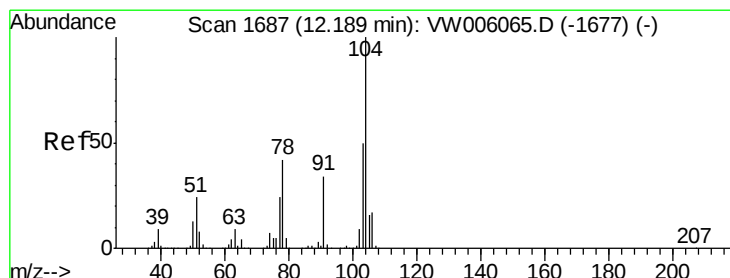
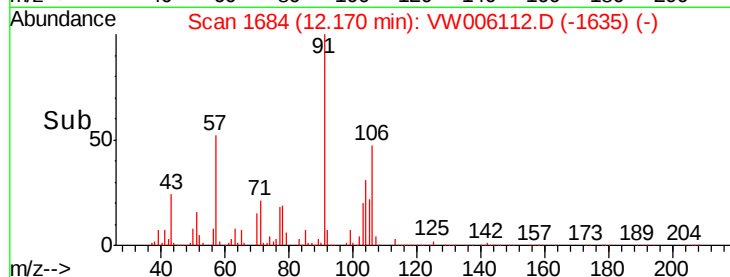
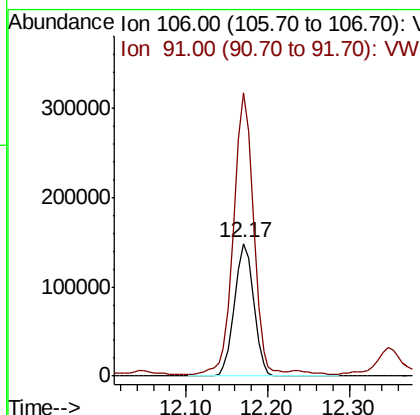
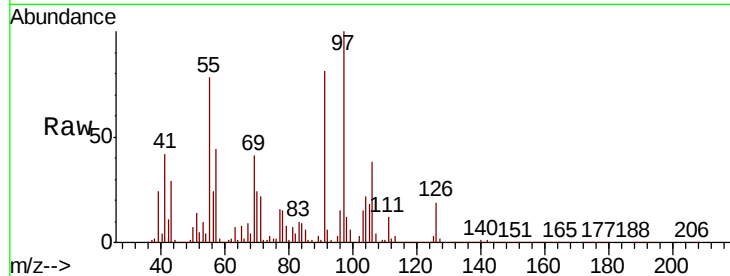
#69
o-Xylene
Concen: 40.236 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.7	105.4	316.1

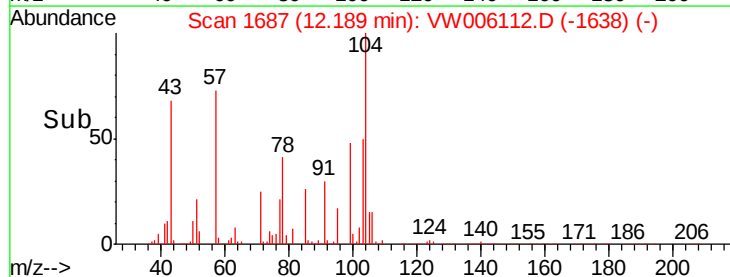
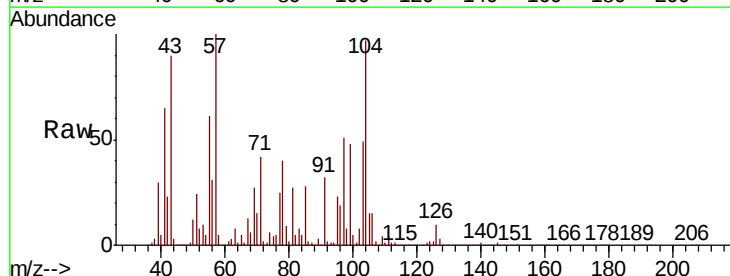
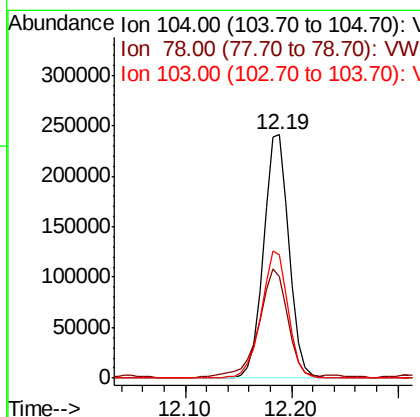
Manual Integrations
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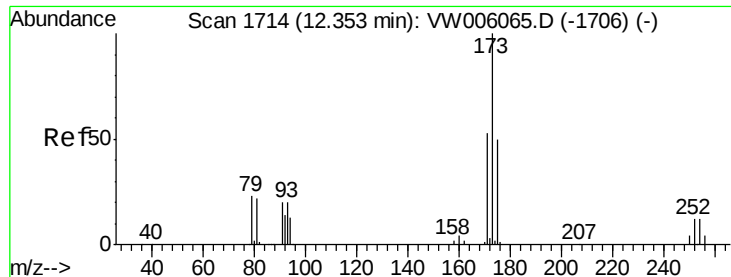
apatel
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#70
Styrene
Concen: 41.470 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.2	39.1	58.7
103	55.3	44.3	66.5





#71

Bromoform

Concen: 44.687 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:173 Resp: 80743

Ion Ratio Lower Upper

173 100

175 50.1 24.2 72.6

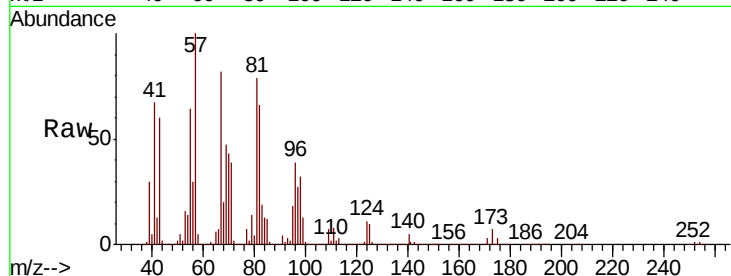
254 0.2 0.1 0.1#

Manual Integrations

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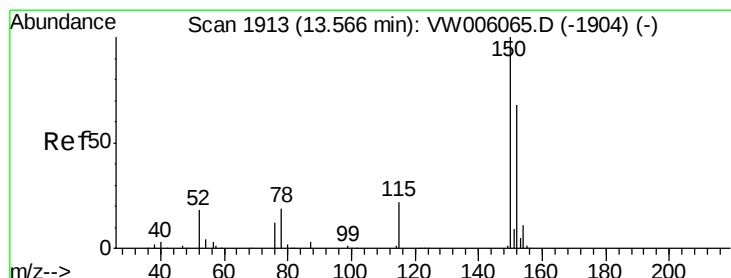
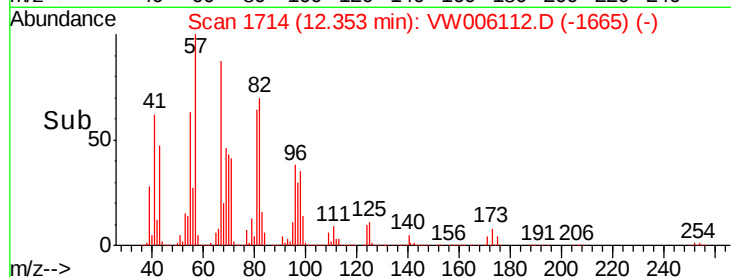
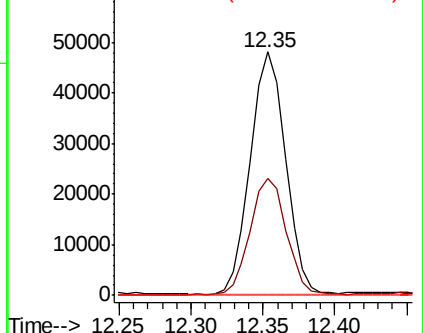
10/17/2018 10:05:17 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

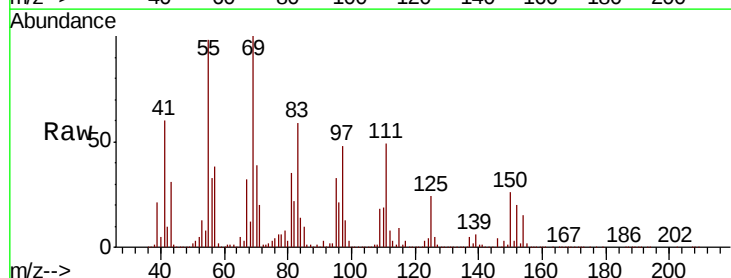
Tgt Ion:152 Resp: 323367

Ion Ratio Lower Upper

152 100

115 29.6 27.8 83.3

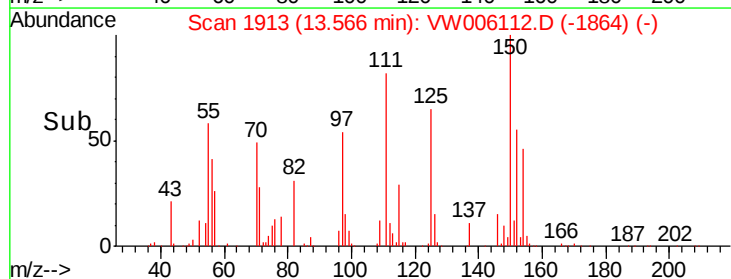
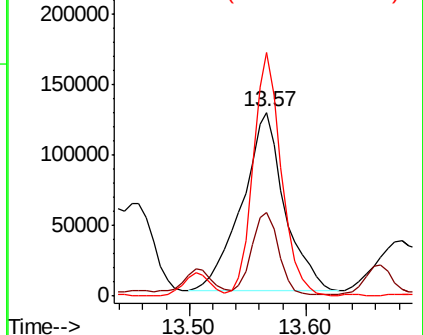
150 89.1 0.0 349.2

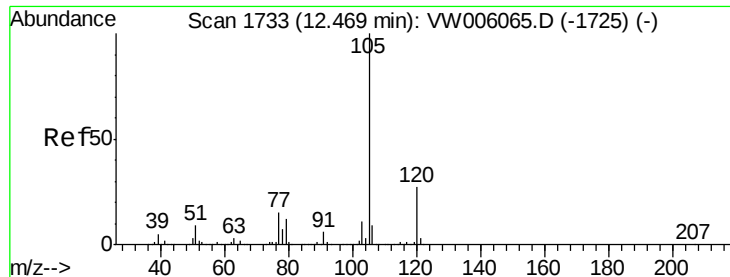


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.879 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:105 Resp: 545512

Ion Ratio Lower Upper

105 100

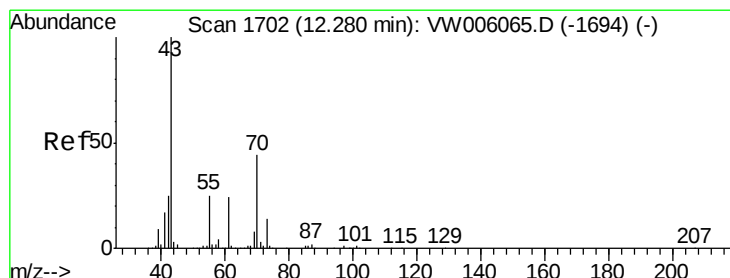
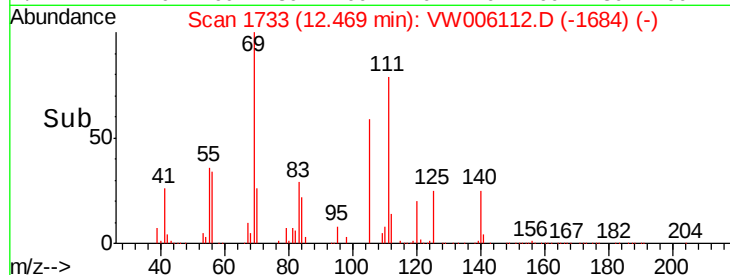
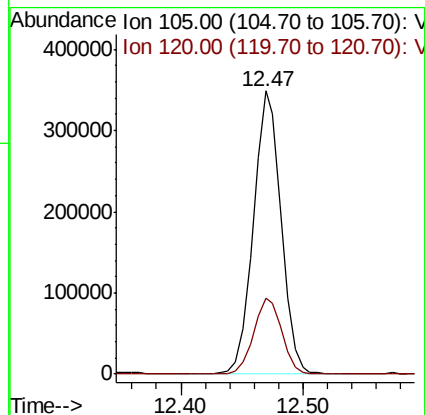
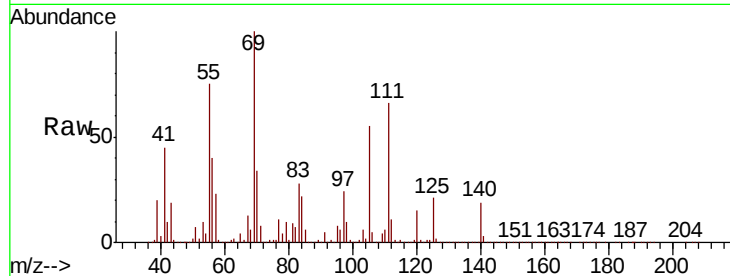
120 27.3 13.6 40.7

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#74

N-ethyl acetate

Concen: 304.308 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.02 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion: 43 Resp: 1350250

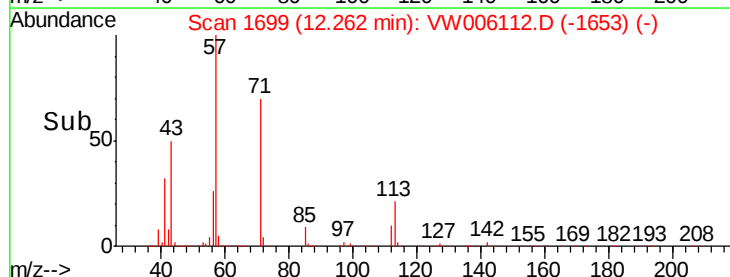
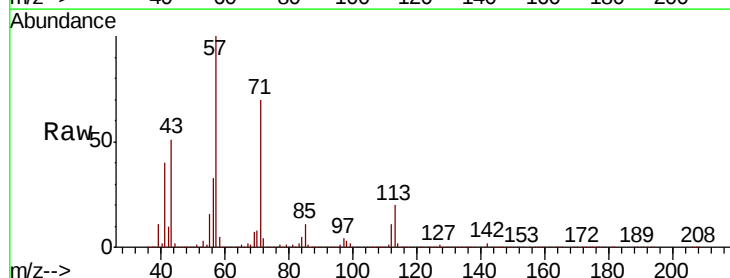
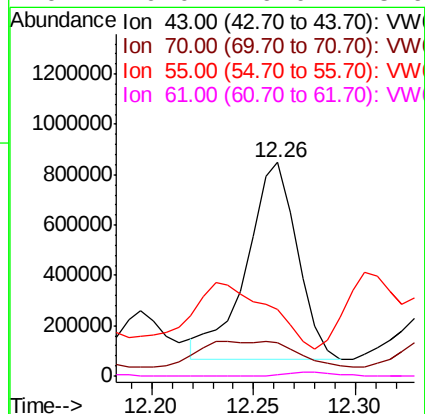
Ion Ratio Lower Upper

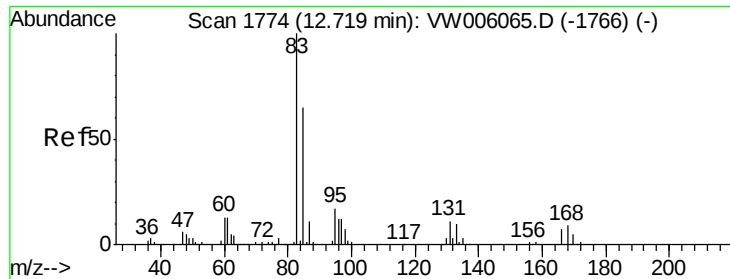
43 100

70 24.9 34.2 51.4#

55 0.0 19.2 28.8#

61 0.0 19.0 28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 136.994 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

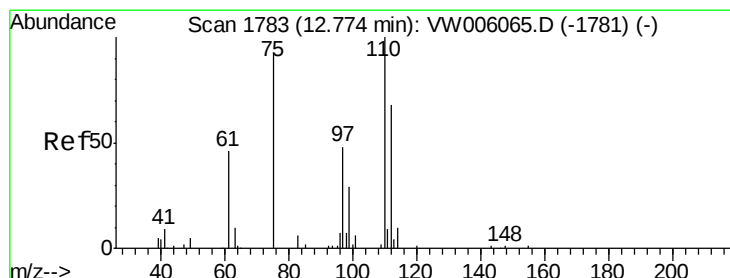
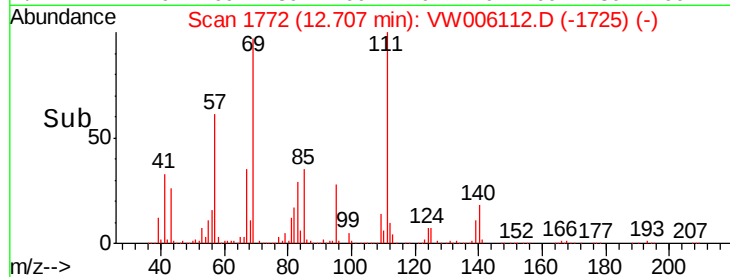
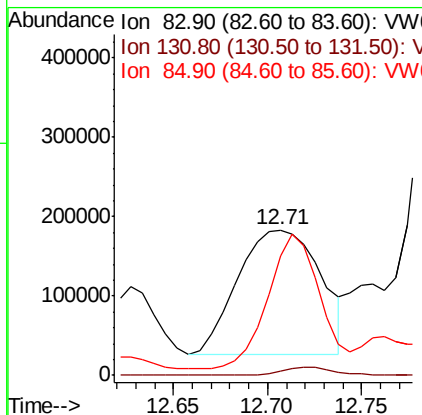
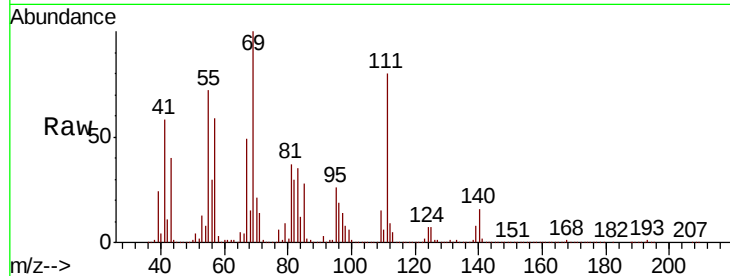
ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:	83	Resp:	476001
Ion Ratio	Lower	Upper	
83	100		
131	4.1	5.9	17.7#
85	68.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 38.498 ug/l m

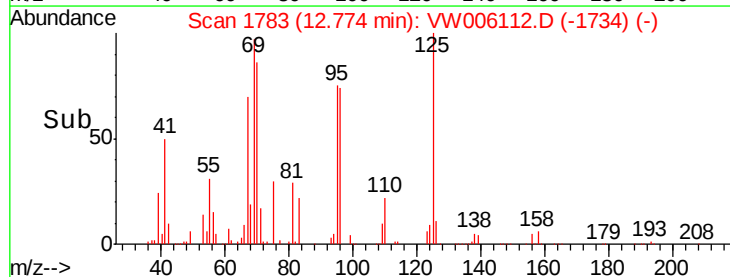
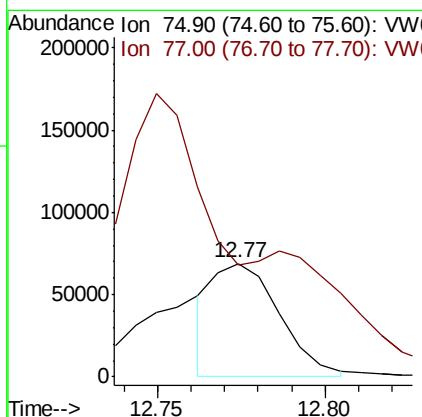
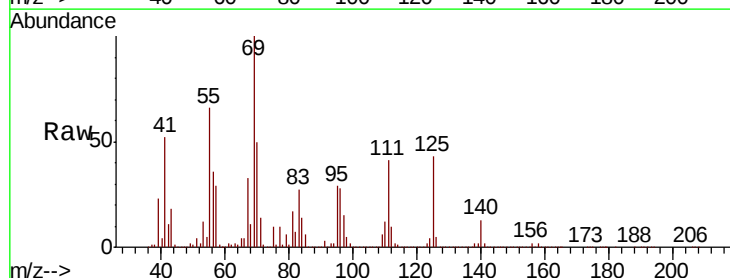
RT: 12.77 min Scan# 1783

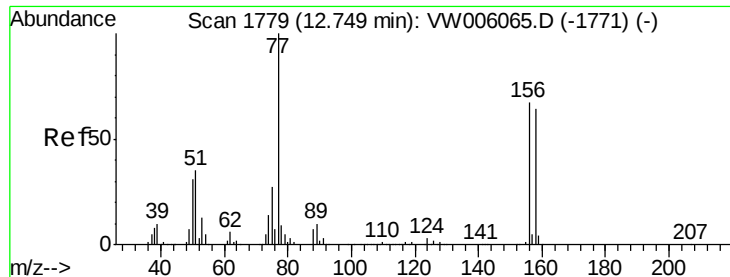
Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion:	75	Resp:	95086
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 30.532 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:156 Resp: 170843

Ion Ratio Lower Upper

156 100

77 150.3 79.1 237.4

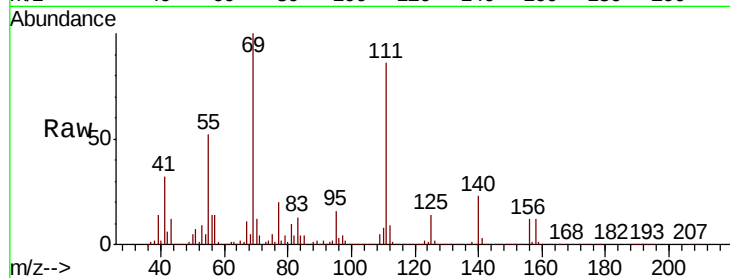
158 96.2 48.5 145.6

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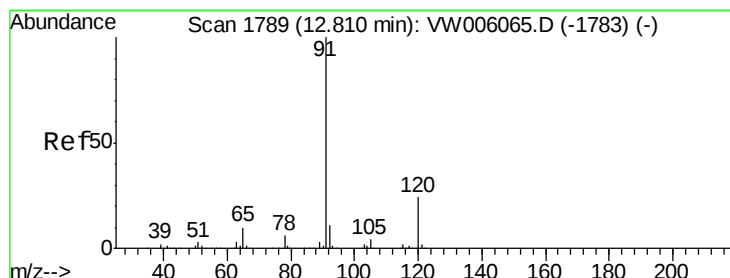
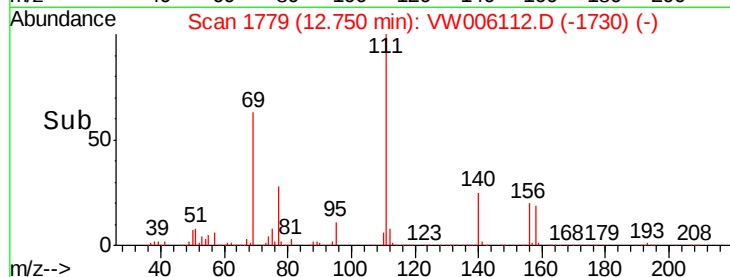
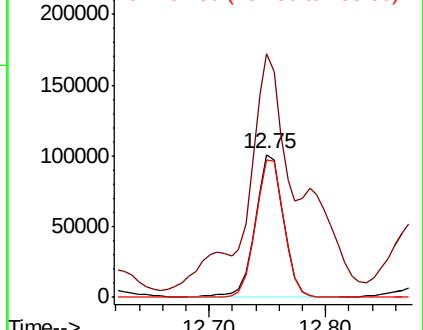
10/17/2018 10:05:17 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.425 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006112.D

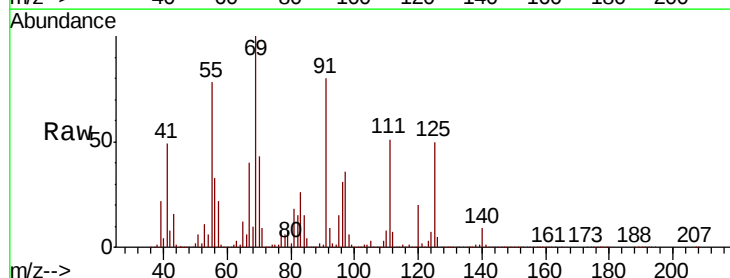
Acq: 17 Oct 2018 07:48

Tgt Ion: 91 Resp: 596013

Ion Ratio Lower Upper

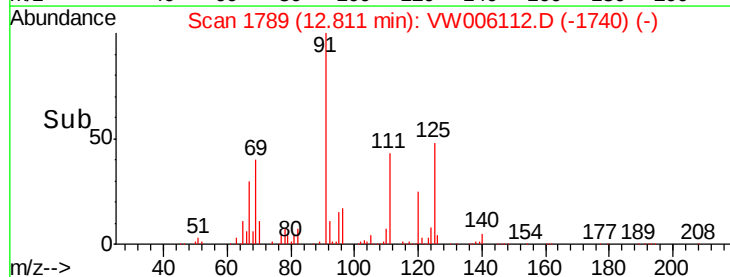
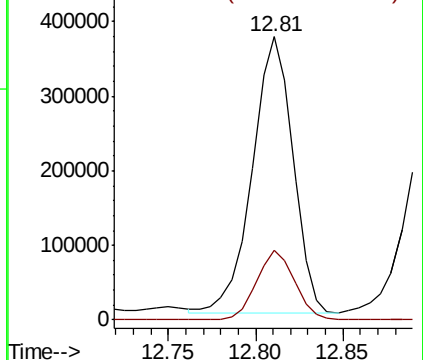
91 100

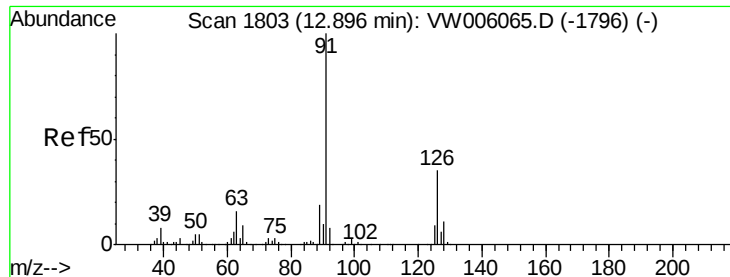
120 23.6 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 28.593 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion: 91 Resp: 426989

Ion Ratio Lower Upper

91 100

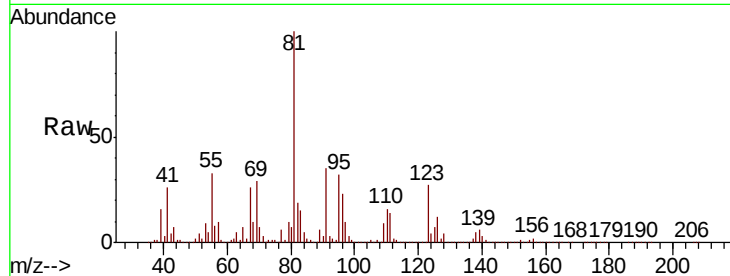
126 33.7 17.9 53.8

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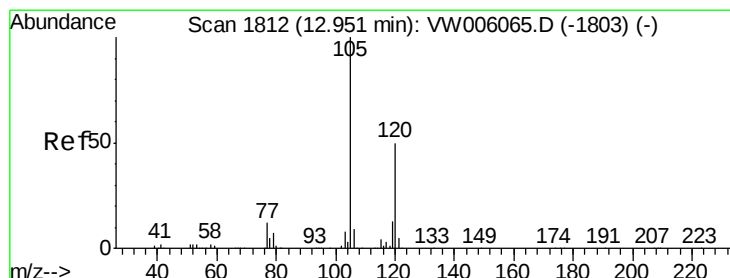
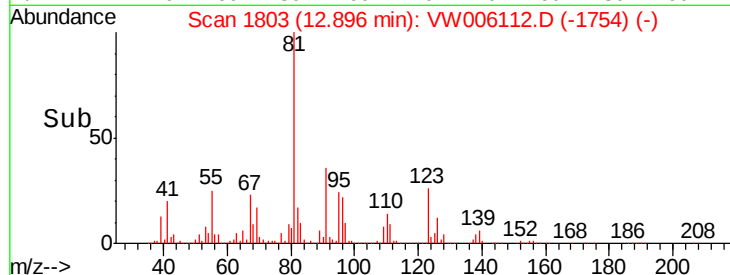
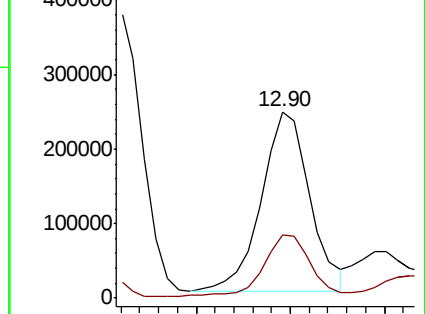
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.427 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006112.D

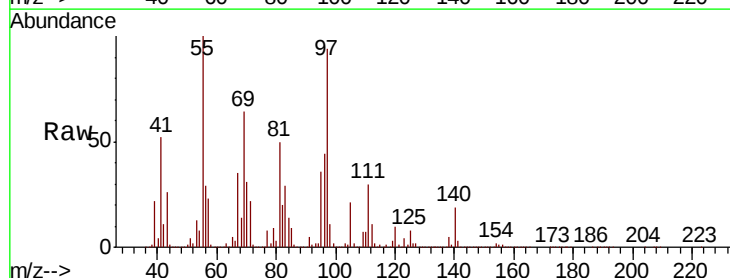
Acq: 17 Oct 2018 07:48

Tgt Ion:105 Resp: 393404

Ion Ratio Lower Upper

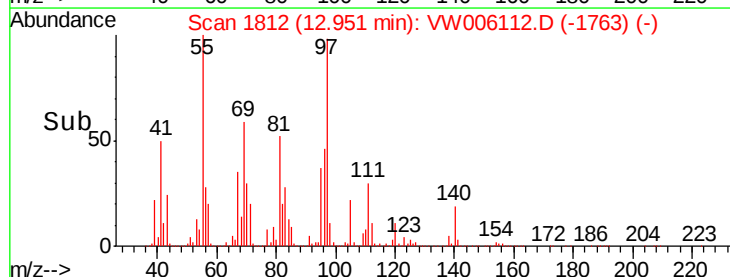
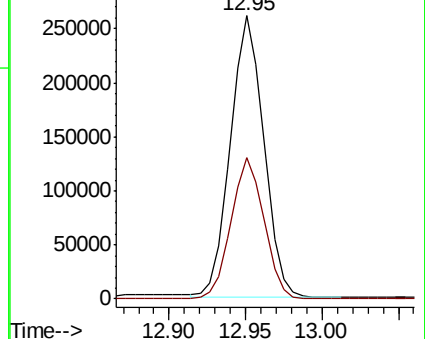
105 100

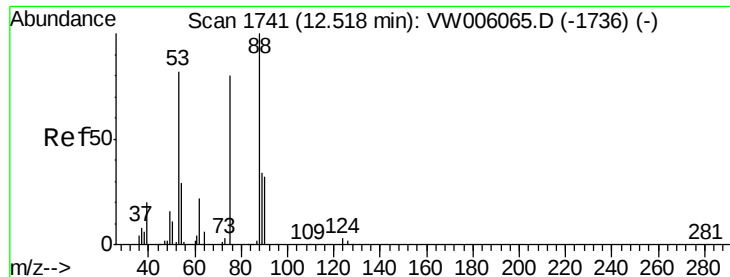
120 49.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 26.700 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion: 75 Resp: 27588

Ion Ratio Lower Upper

75 100

53 771.7 79.8 119.6#

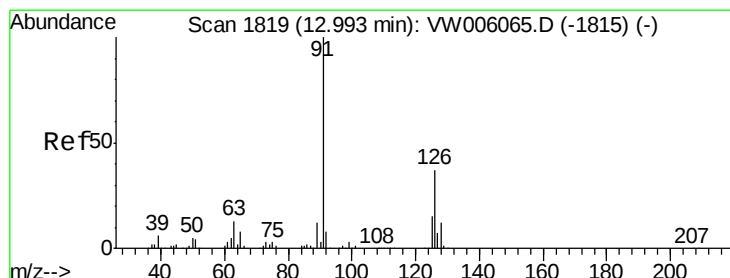
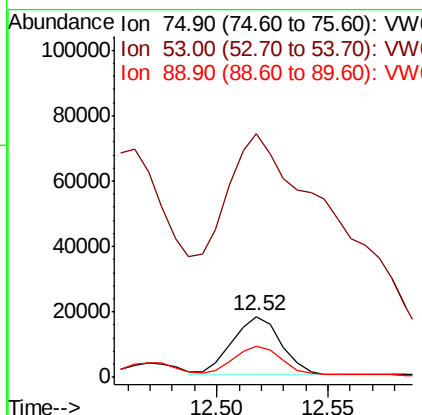
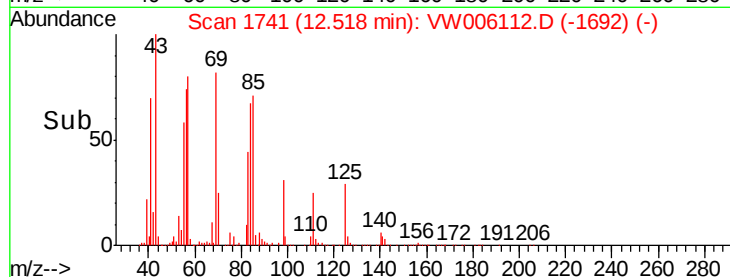
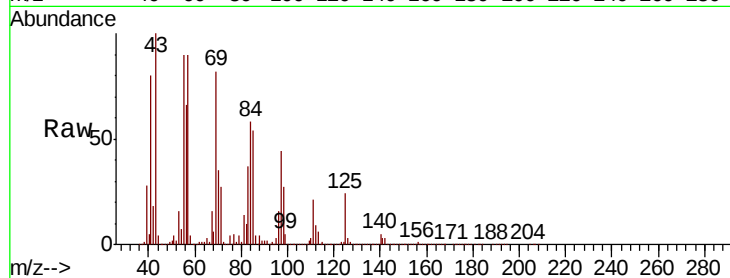
89 46.5 37.5 56.3

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#82

4-Chlorotoluene

Concen: 26.549 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006112.D

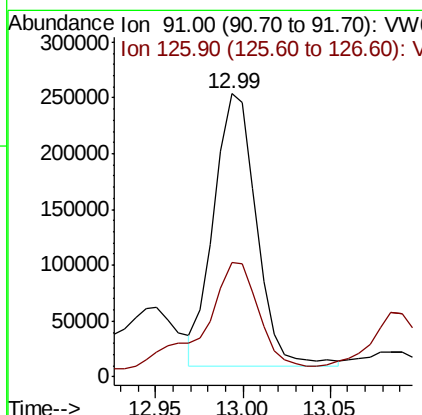
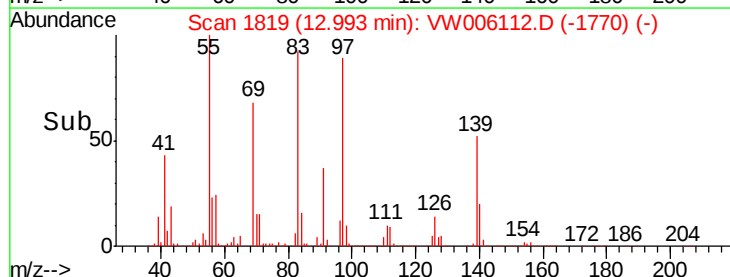
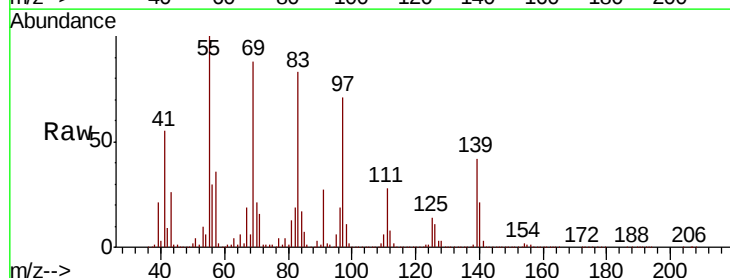
Acq: 17 Oct 2018 07:48

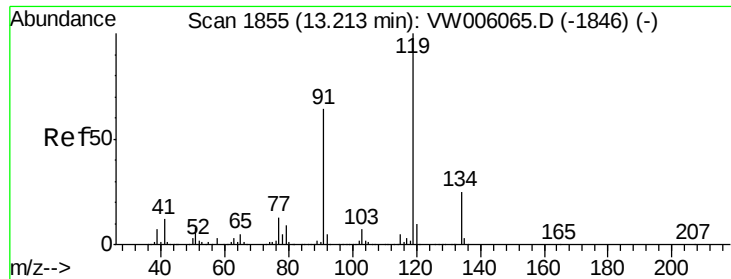
Tgt Ion: 91 Resp: 415307

Ion Ratio Lower Upper

91 100

126 53.2 18.1 54.3





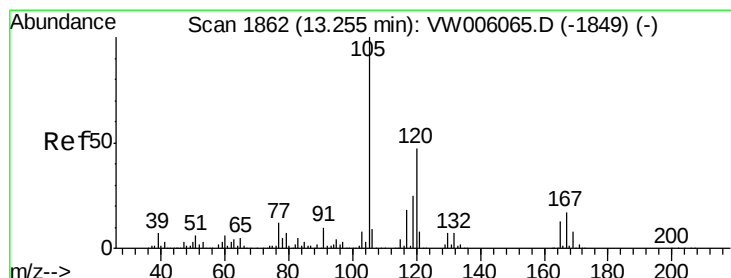
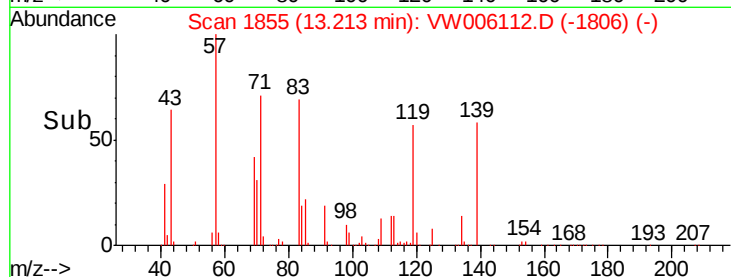
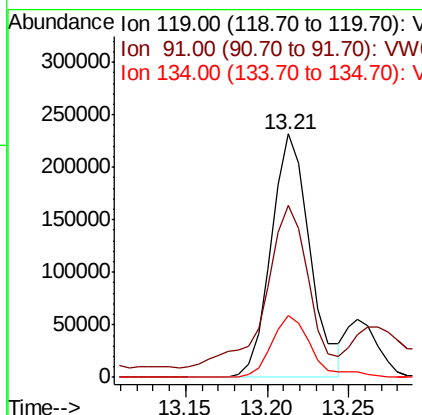
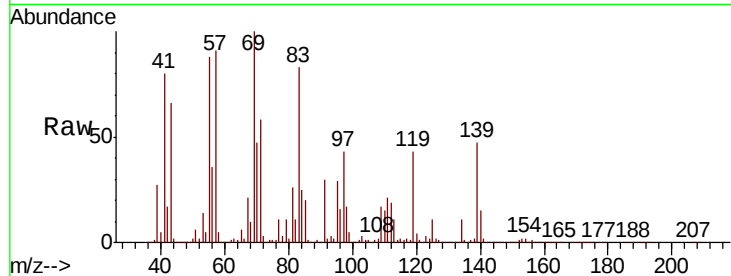
#83
tert-Butylbenzene
Concen: 21.994 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.2	32.3	96.9
134	26.3	13.6	40.8

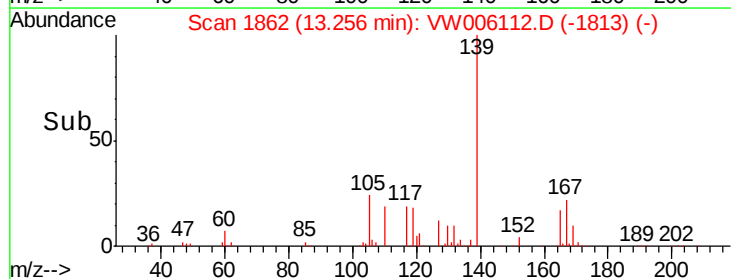
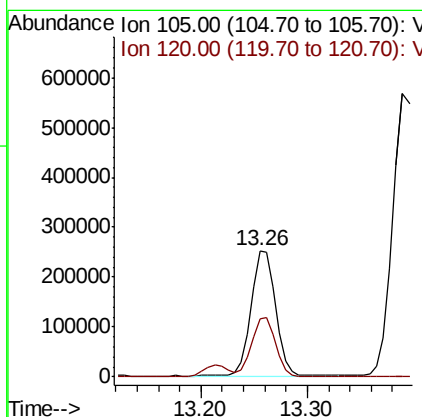
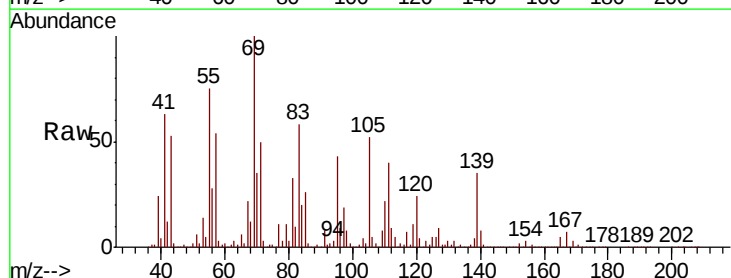
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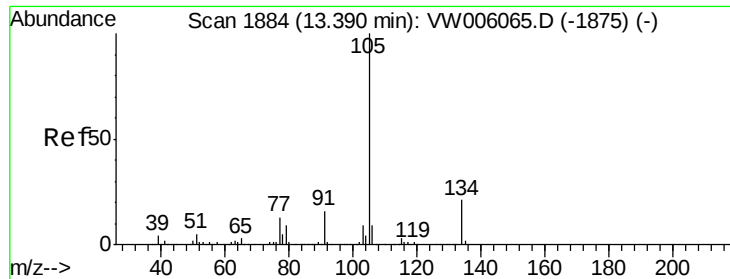
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 20.960 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006112.D
Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 37.070 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:105 Resp: 902377

Ion Ratio Lower Upper

105 100

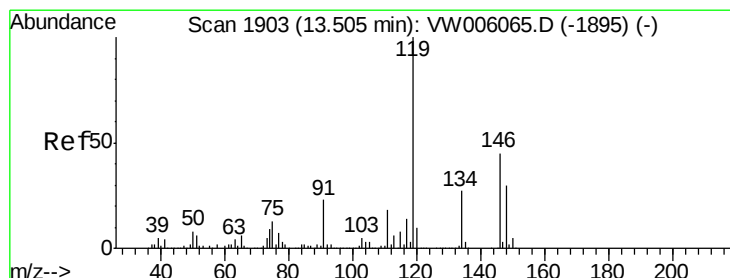
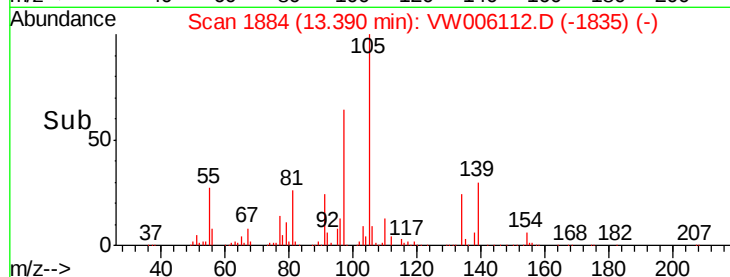
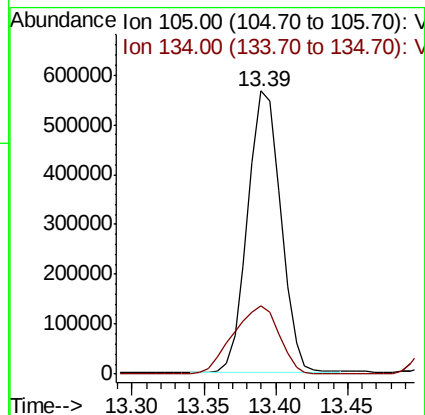
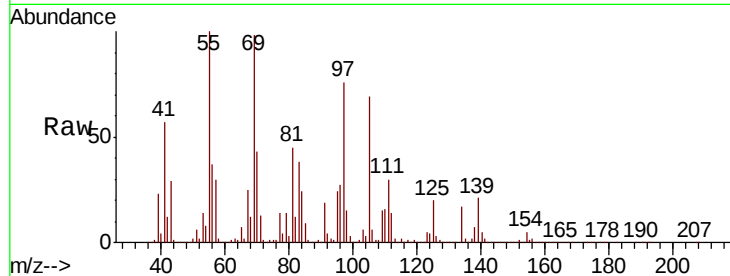
134 33.8 10.5 31.6#

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#86

p-Isopropyltoluene

Concen: 14.826 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

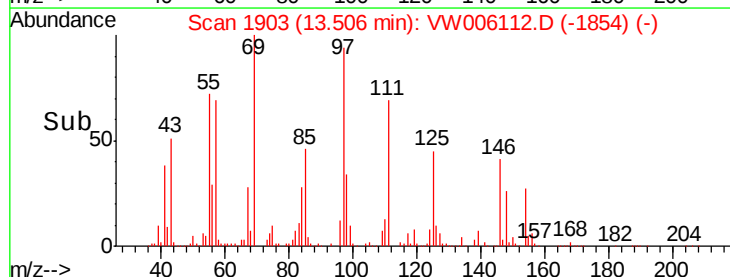
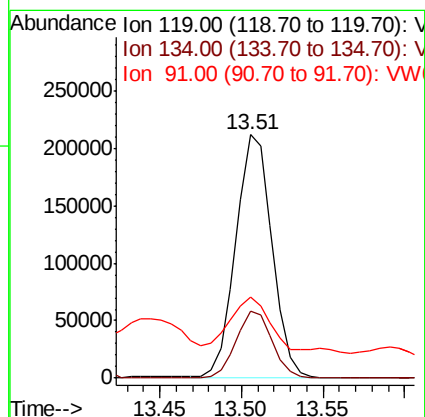
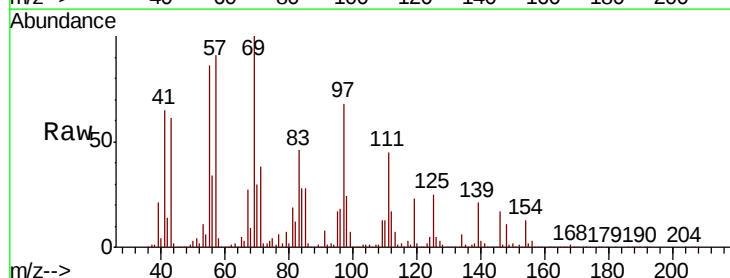
Tgt Ion:119 Resp: 326430

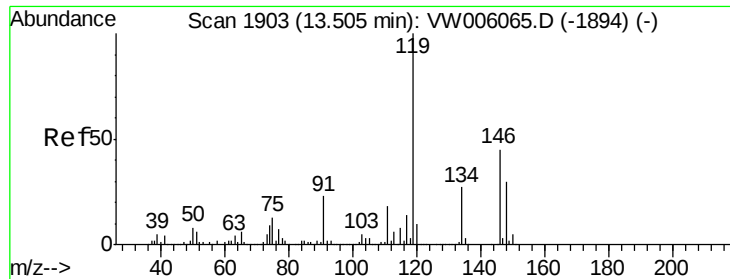
Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

91 23.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 21.962 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

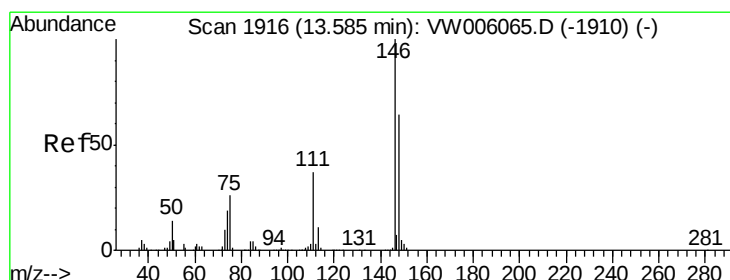
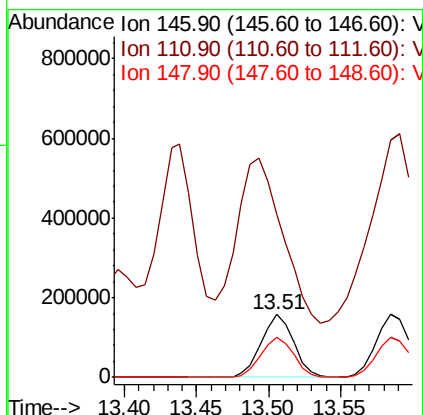
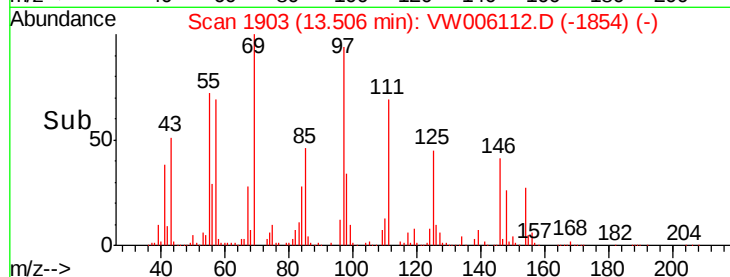
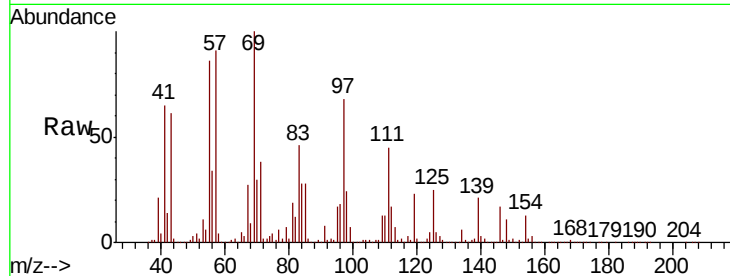
Instrument :
MSVOA_W

ClientSampleId :
SB-10-5-7FTMSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	365.9	19.1	57.5#
148	64.5	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 22.762 ug/l

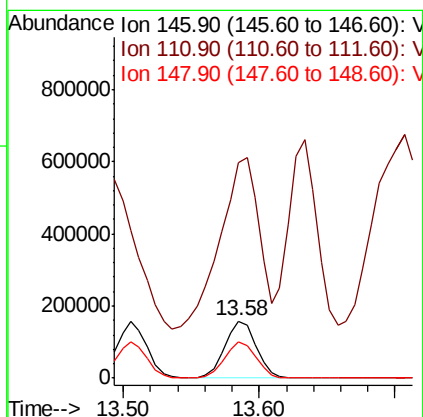
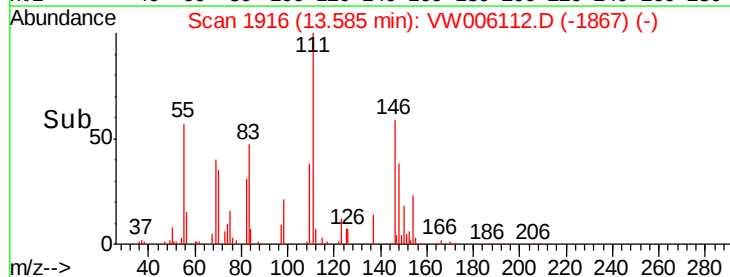
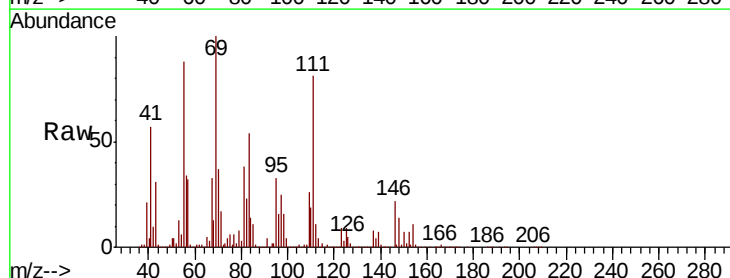
RT: 13.58 min Scan# 1916

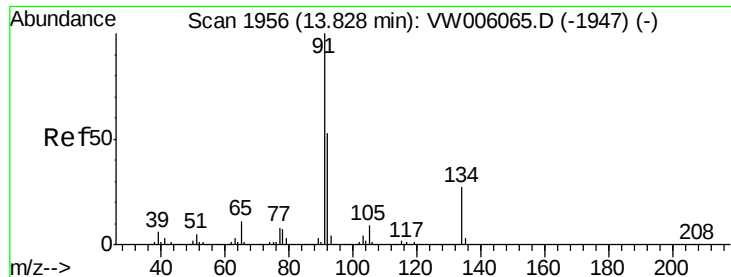
Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	377.1	18.6	56.0#
148	63.5	32.1	96.5





#89

n-Butylbenzene

Concen: 25.635 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

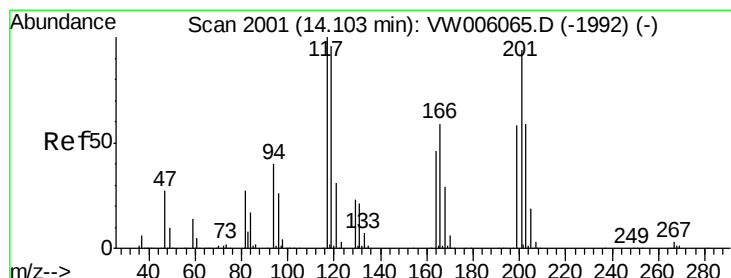
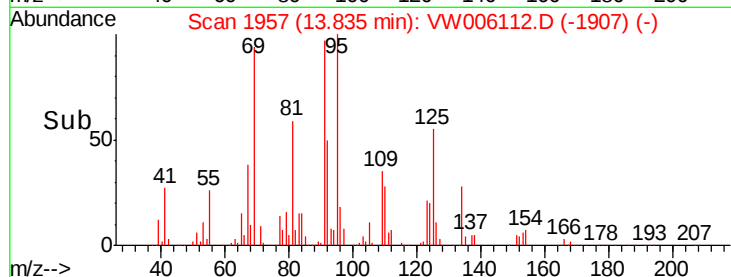
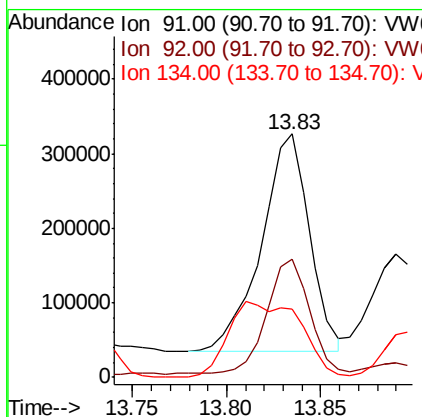
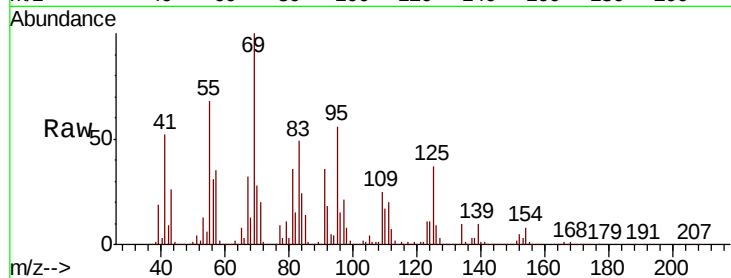
ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:	91	Resp:	516191
Ion Ratio	Lower	Upper	
91	100		
92	46.5	26.6	79.7
134	0.0	14.0	41.9#

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#90

Hexachloroethane

Concen: 19.954 ug/l

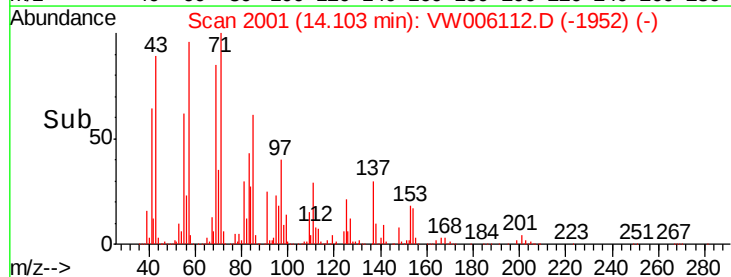
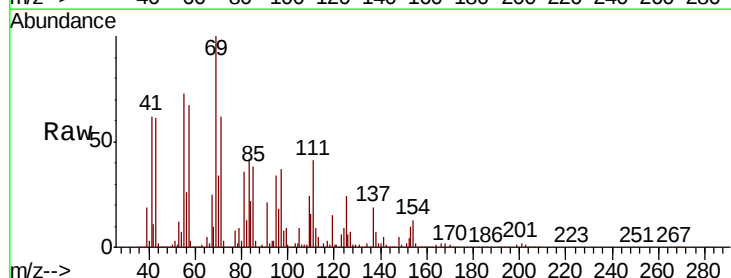
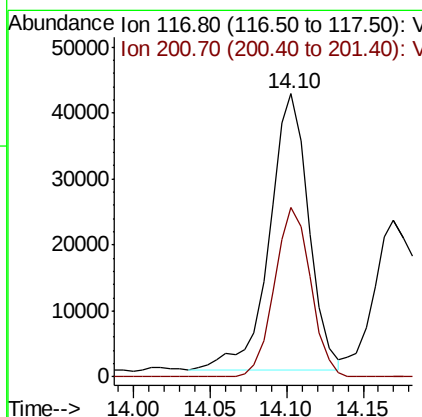
RT: 14.10 min Scan# 2001

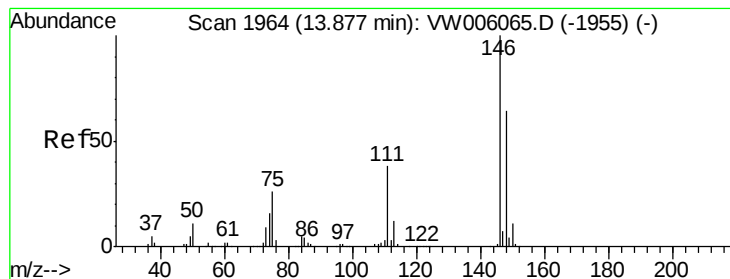
Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion:	117	Resp:	74417
Ion Ratio	Lower	Upper	
117	100		
201	56.7	45.3	135.9





#91

1,2-Dichlorobenzene

Concen: 23.970 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:146 Resp: 238097

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.7#

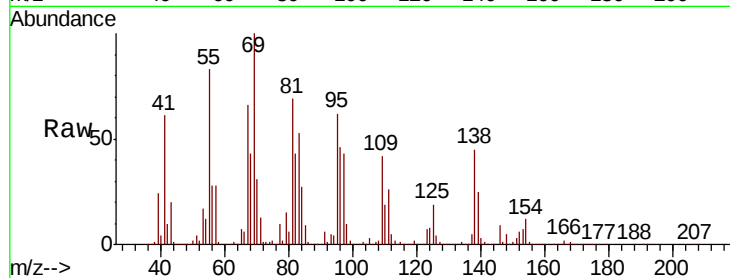
148 63.8 32.2 96.6

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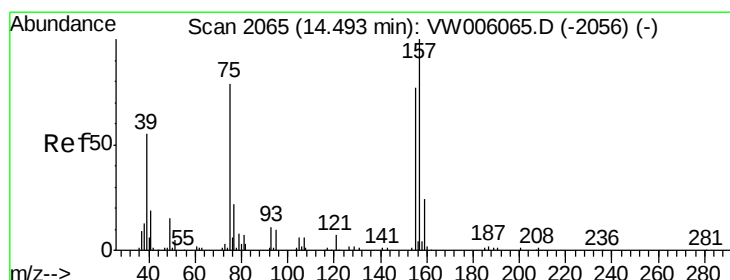
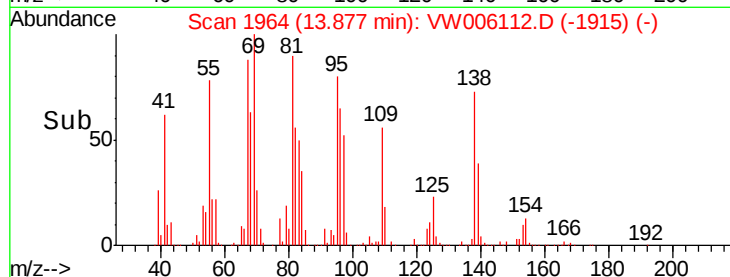
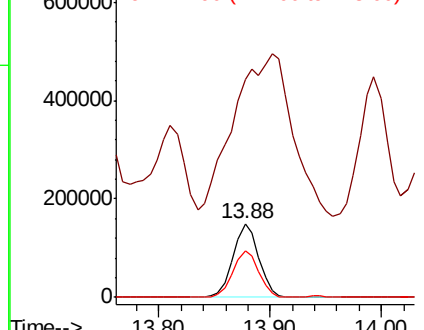
10/17/2018 10:05:17 AM



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 34.964 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

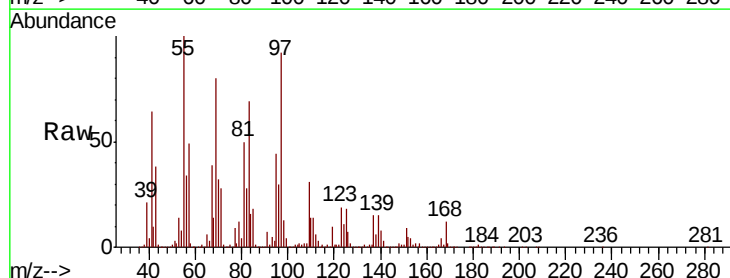
Tgt Ion: 75 Resp: 21751

Ion Ratio Lower Upper

75 100

155 99.0 46.5 139.5

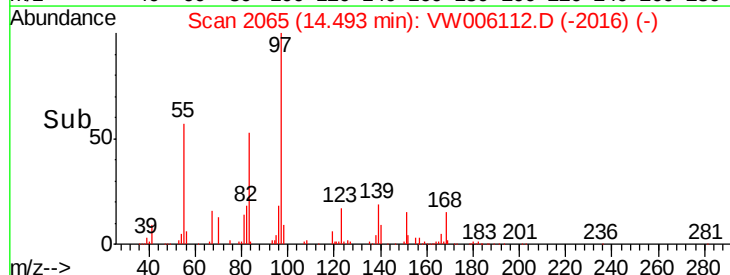
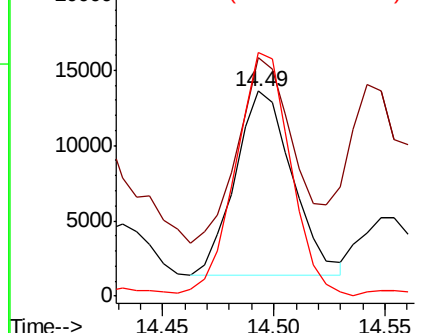
157 127.1 59.8 179.4

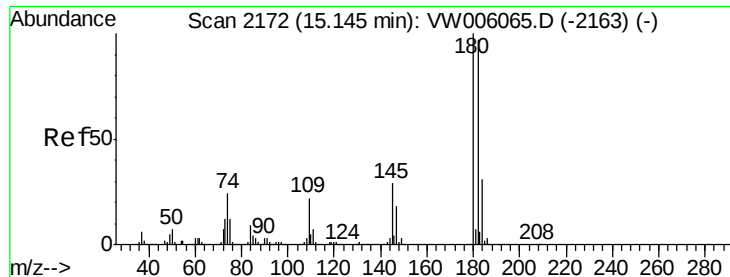


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





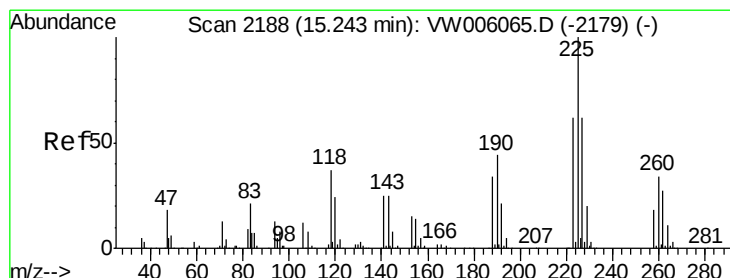
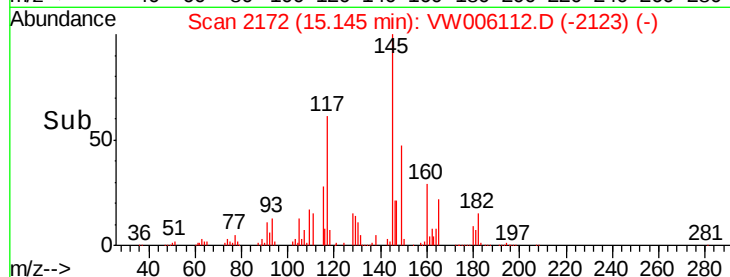
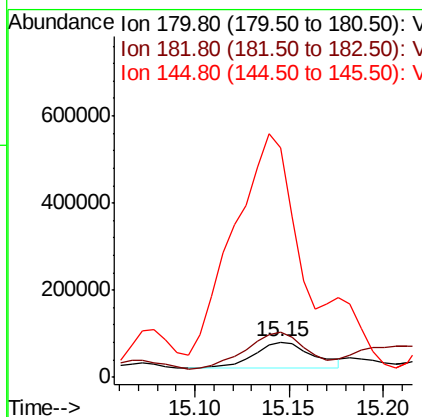
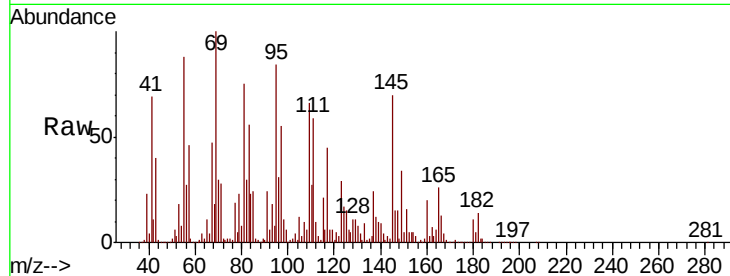
#93
 1,2,4-Trichlorobenzene
 Concen: 17.046 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006112.D
 Acq: 17 Oct 2018 07:48

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FTMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	141.8	47.9	143.6
145	1213.0	14.2	42.8

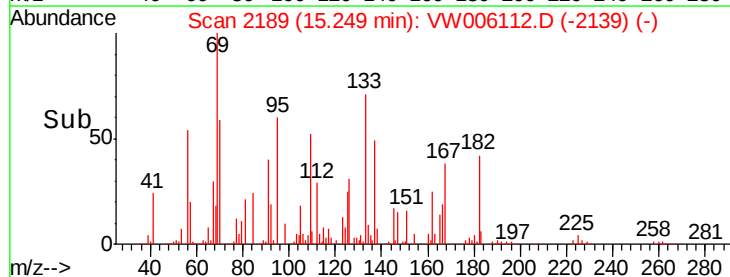
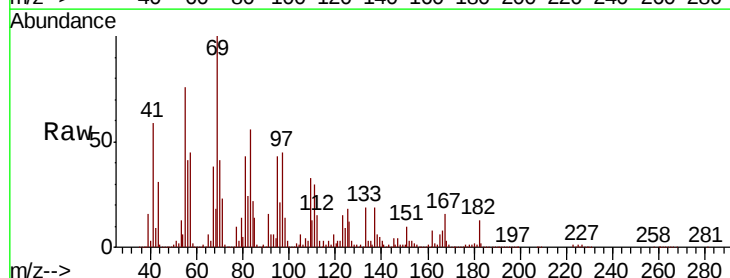
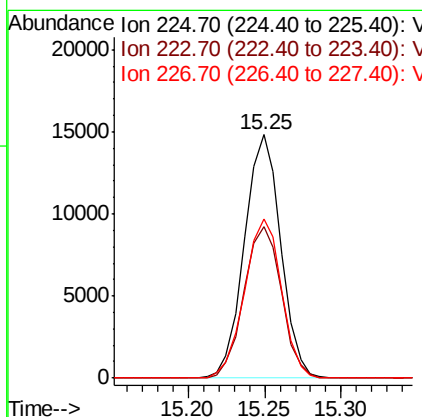
Manual Integrations
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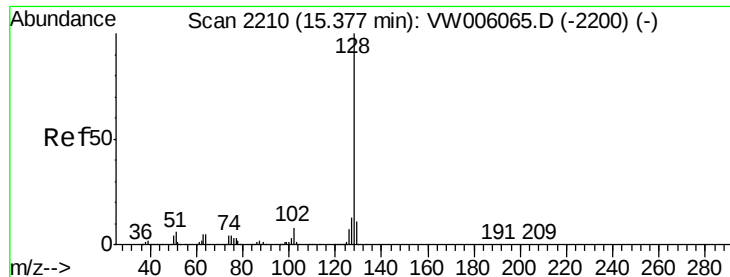
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 10/17/2018 10:05:17 AM



#94
 Hexachlorobutadiene
 Concen: 5.106 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW006112.D
 Acq: 17 Oct 2018 07:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.1	93.5
227	66.3	32.4	97.0





#95

Naphthalene

Concen: 20.108 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Instrument :

MSVOA_W

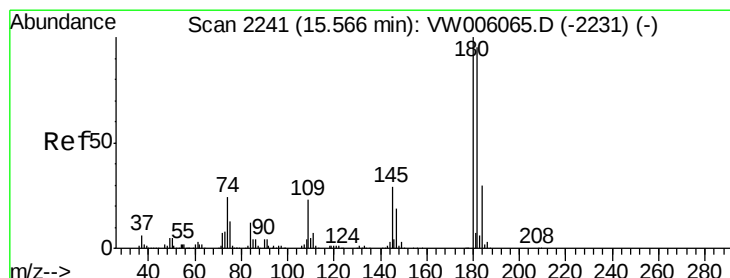
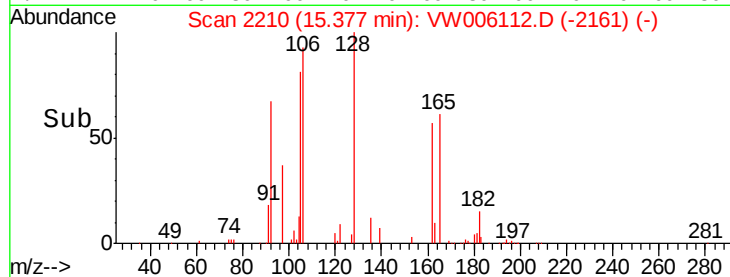
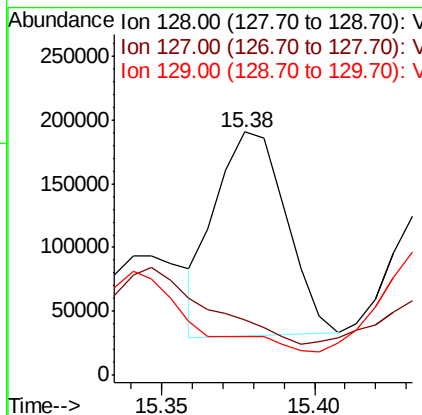
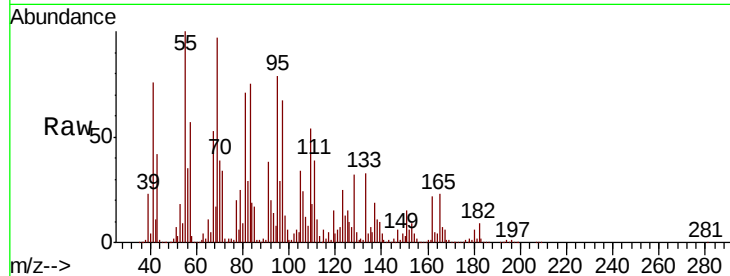
ClientSampleId :

SB-10-5-7FTMSD

Tot Ion:	128	Resp:	255660
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 23.975 ug/l

RT: 15.59 min Scan# 2245

Delta R.T. 0.02 min

Lab File: VW006112.D

Acq: 17 Oct 2018 07:48

Tgt Ion:	180	Resp:	158493
Ion Ratio	Lower	Upper	
180	100		
182	55.1	47.8	143.3
145	0.0	15.0	45.1#

