

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007650.D
 Acq On : 18 Dec 2018 11:41
 Operator : SY/AP
 Sample : VW1220SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Manual Integrations
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 12/19/2018 12:15:04 PM

Quant Time: Dec 19 04:21:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	39814	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	7.88	113	38052	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.32	98	143934	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.62	95	54779	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12279	22.933	ug/l	95
3) Chloromethane	2.22	50	8853	19.742	ug/l	96
4) Vinyl Chloride	2.37	62	12025	22.851	ug/l	98
5) Bromomethane	2.78	94	7471	21.130	ug/l	98
6) Chloroethane	2.93	64	6275	21.662	ug/l	97
7) Trichlorofluoromethane	3.26	101	10886	23.009	ug/l	95
8) Diethyl Ether	3.68	74	7255	19.592	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	18327	23.476	ug/l	98
10) Methyl Iodide	4.26	142	27543	21.303	ug/l	96
11) Tert butyl alcohol	5.17	59	5098	87.324	ug/l	96
12) 1,1-Dichloroethene	4.03	96	16303	21.690	ug/l	95
13) Acrolein	3.89	56	3353	86.798	ug/l	91
14) Allyl chloride	4.66	41	22797	20.576	ug/l	96
15) Acrylonitrile	5.37	53	14838	95.053	ug/l	99
16) Acetone	4.12	43	17007	114.542	ug/l	96
17) Carbon Disulfide	4.37	76	50425	22.126	ug/l	100
18) Methyl Acetate	4.67	43	7723	19.164	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	22284	19.653	ug/l	100
20) Methylene Chloride	4.90	84	17800	19.535	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	17685	21.033	ug/l	93
22) Diisopropyl ether	6.31	45	41260	19.375	ug/l	94
23) Vinyl Acetate	6.26	43	114097	95.788	ug/l	97
24) 1,1-Dichloroethane	6.21	63	30334	21.076	ug/l	98
25) 2-Butanone	7.17	43	18404	94.945	ug/l	100
26) 2,2-Dichloropropane	7.17	77	23045	24.193	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	19182	20.835	ug/l	98
28) Bromochloromethane	7.51	49	9781	18.067	ug/l	97
29) Tetrahydrofuran	7.52	42	10347	84.319	ug/l	91
30) Chloroform	7.67	83	32926	21.022	ug/l	97
31) Cyclohexane	7.95	56	28041	21.235	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	31032	22.593	ug/l	98
36) 1,1-Dichloropropene	8.08	75	25841	22.993	ug/l	99
37) Ethyl Acetate	7.26	43	7899	18.897	ug/l	97
38) Carbon Tetrachloride	8.07	117	30165	24.668	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31986	23.504	ug/l	95
40) Benzene	8.32	78	69742	22.361	ug/l	96
41) Methacrylonitrile	7.49	41	4740	19.913	ug/l	93
42) 1,2-Dichloroethane	8.40	62	21635	22.083	ug/l	98
43) Isopropyl Acetate	8.43	43	15698	19.012	ug/l	98
44) Trichloroethene	9.09	130	20124	22.596	ug/l	97
45) 1,2-Dichloropropane	9.37	63	15748	21.819	ug/l	98
46) Dibromomethane	9.46	93	8872	21.646	ug/l	98
47) Bromodichloromethane	9.65	83	23869	22.202	ug/l	95
48) Methyl methacrylate	9.44	41	7827	18.458	ug/l	98
49) 1,4-Dioxane	9.45	88	2748	413.210	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	36461	93.458	ug/l	99
52) Toluene	10.39	92	46498	23.037	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	23052	22.086	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	26178	21.696	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	12530	22.462	ug/l	92
56) Ethyl methacrylate	10.65	69	13906	20.740	ug/l	99
57) 1,3-Dichloropropane	10.93	76	20722	22.632	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	29694	96.036	ug/l	98
59) 2-Hexanone	10.97	43	26336	101.238	ug/l	100
60) Dibromochloromethane	11.13	129	16175	22.977	ug/l	99
61) 1,2-Dibromoethane	11.23	107	11631	21.099	ug/l	99
64) Tetrachloroethene	10.87	164	16566	21.304	ug/l	94
65) Chlorobenzene	11.66	112	51980	23.063	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	18454	23.248	ug/l	99
67) Ethyl Benzene	11.73	91	91971	23.735	ug/l	93
68) m/p-Xylenes	11.84	106	70894	47.062	ug/l	99
69) o-Xylene	12.17	106	33112	23.536	ug/l	99
70) Styrene	12.18	104	54222	23.861	ug/l	97
71) Bromoform	12.35	173	8830	21.733	ug/l #	99
73) Isopropylbenzene	12.47	105	94407	22.114	ug/l	98
74) N-amyl acetate	12.27	43	14192	18.292	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	12913	20.423	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	8494m	18.490	ug/l	
77) Bromobenzene	12.75	156	20778	21.958	ug/l	98
78) n-propylbenzene	12.81	91	113014	23.523	ug/l	100
79) 2-Chlorotoluene	12.90	91	64120	22.057	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	82955	23.126	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4173	20.067	ug/l	98
82) 4-Chlorotoluene	12.99	91	69475	22.672	ug/l	98
83) tert-Butylbenzene	13.21	119	72370	22.897	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	83283	22.562	ug/l	100
85) sec-Butylbenzene	13.39	105	101446	23.512	ug/l	96
86) p-Isopropyltoluene	13.51	119	92462	23.854	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	42854	22.714	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	42190	22.243	ug/l	96
89) n-Butylbenzene	13.83	91	85161	23.699	ug/l	99
90) Hexachloroethane	14.10	117	15489	22.458	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	36836	21.799	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2560	20.175	ug/l	98

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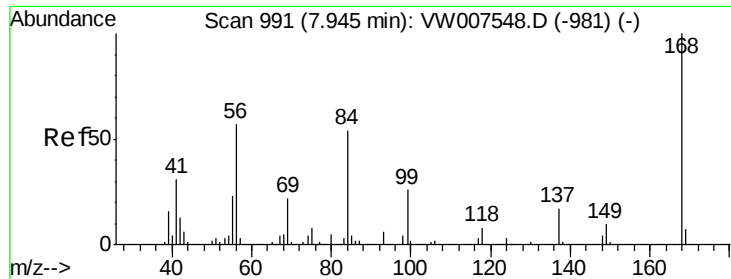
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26075	22.422	ug/l	95
94) Hexachlorobutadiene	15.24	225	14053	22.775	ug/l	99
95) Naphthalene	15.38	128	44403	19.959	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	21877	21.656	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 168 Resp: 76621

Ion Ratio Lower Upper

168 100

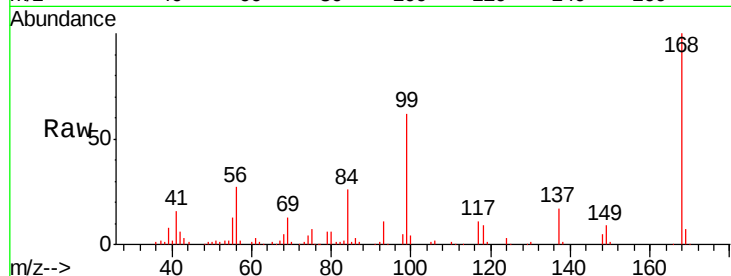
99 62.1 48.3 72.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

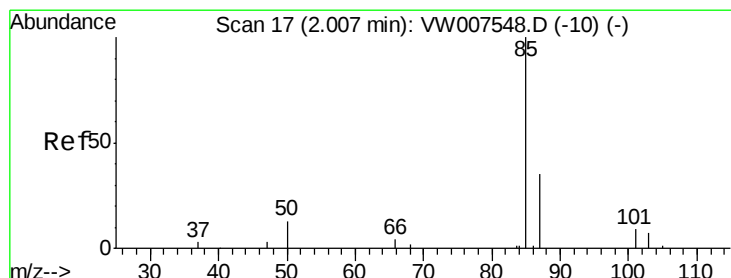
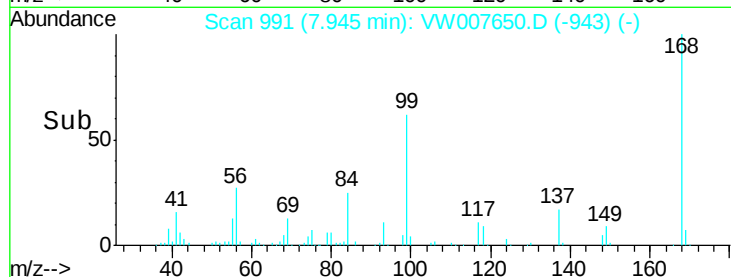
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.933 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007650.D

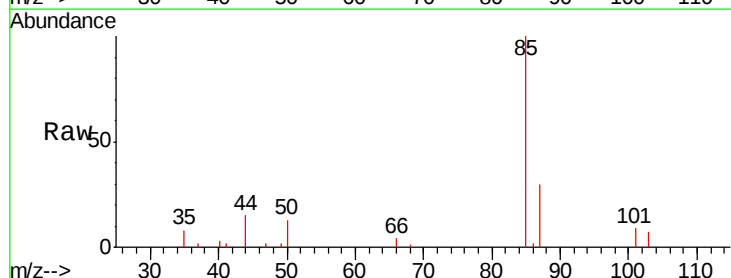
Acq: 18 Dec 2018 11:41

Tgt Ion: 85 Resp: 12279

Ion Ratio Lower Upper

85 100

87 30.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

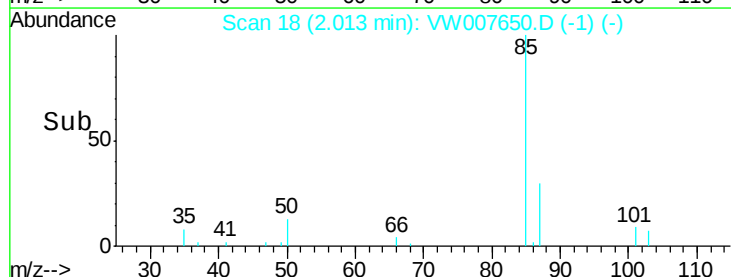
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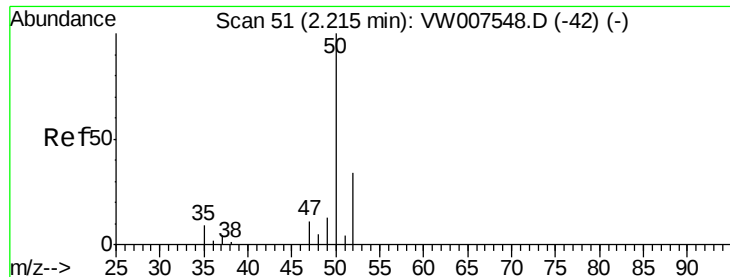
2000

1000

0

Time-->





#3

Chloromethane

Concen: 19.742 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 50 Resp: 8853

Ion Ratio Lower Upper

50 100

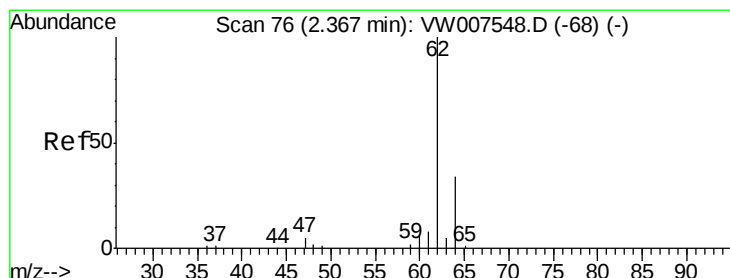
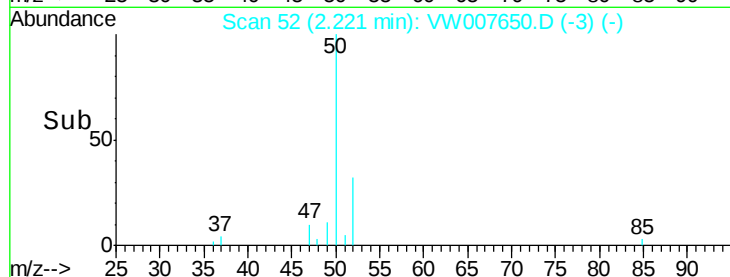
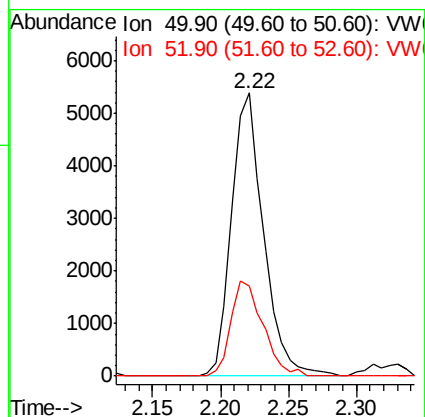
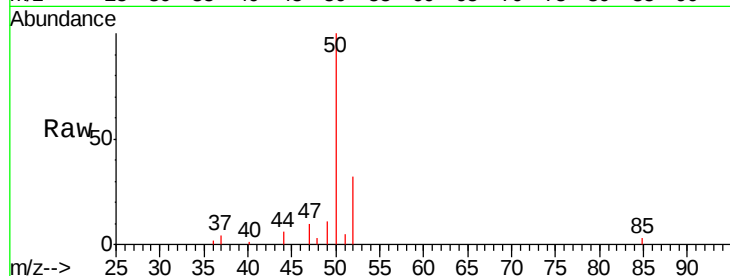
52 31.9 27.4 41.0

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#4

Vinyl Chloride

Concen: 22.851 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007650.D

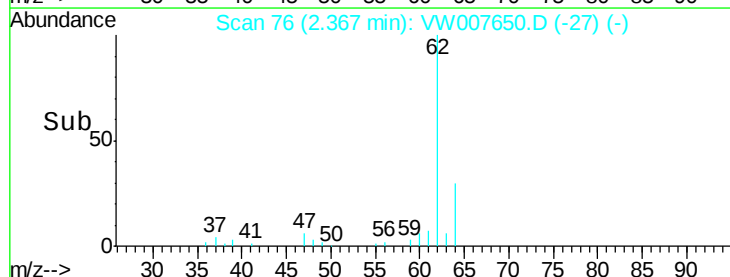
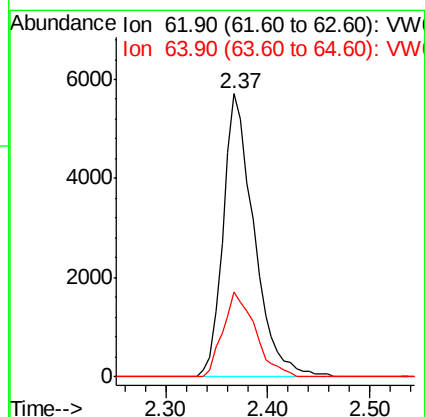
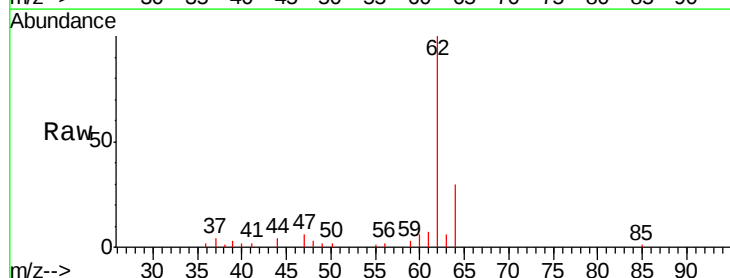
Acq: 18 Dec 2018 11:41

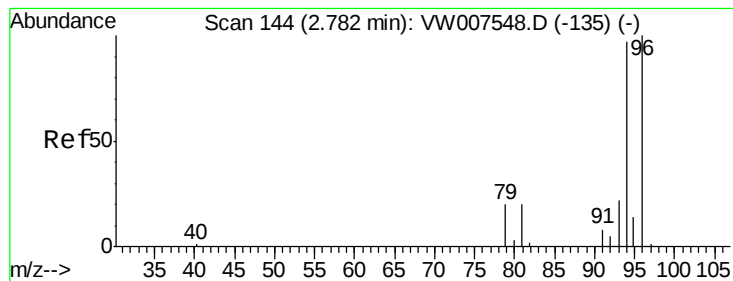
Tgt Ion: 62 Resp: 12025

Ion Ratio Lower Upper

62 100

64 29.9 24.6 37.0





#5

Bromomethane

Concen: 21.130 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

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VW1220SBS01

Tgt Ion: 94 Resp: 7471

Ion Ratio Lower Upper

94 100

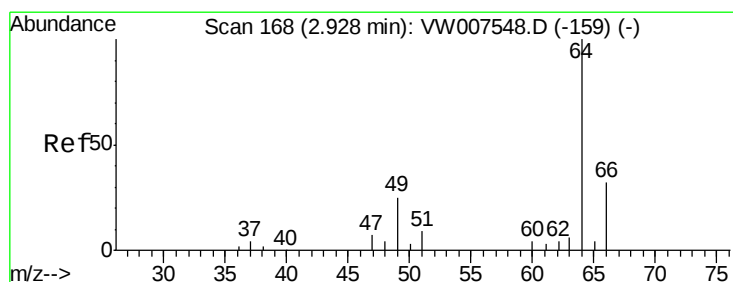
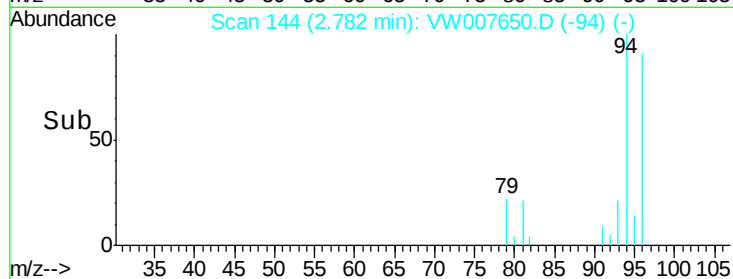
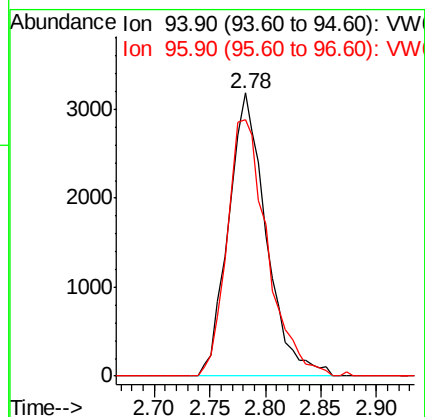
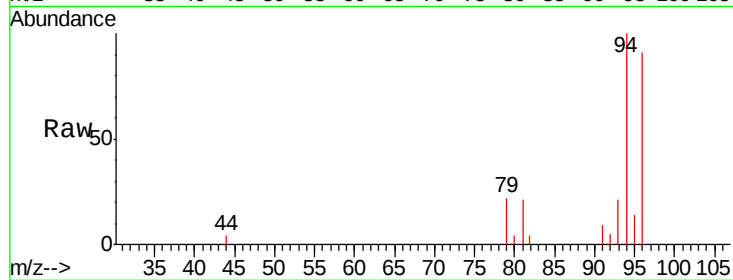
96 90.7 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 21.662 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007650.D

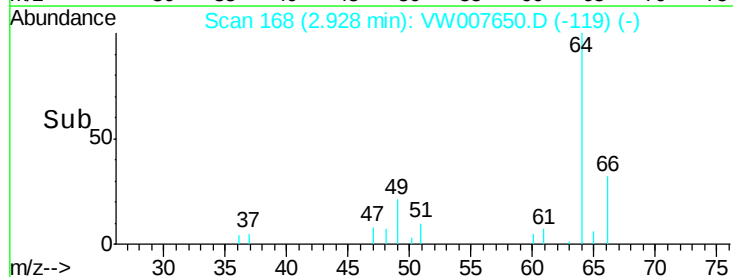
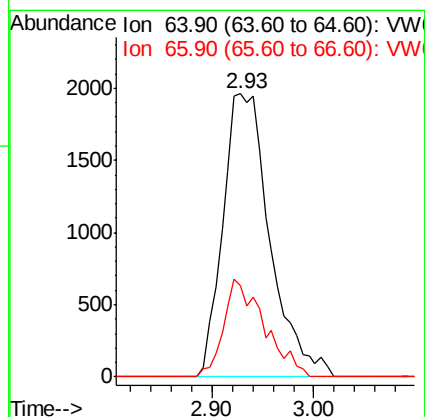
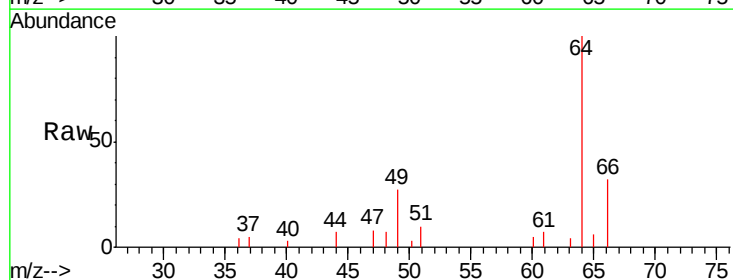
Acq: 18 Dec 2018 11:41

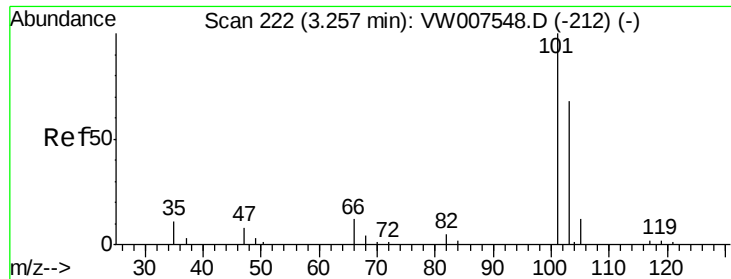
Tgt Ion: 64 Resp: 6275

Ion Ratio Lower Upper

64 100

66 32.3 24.6 37.0





#7

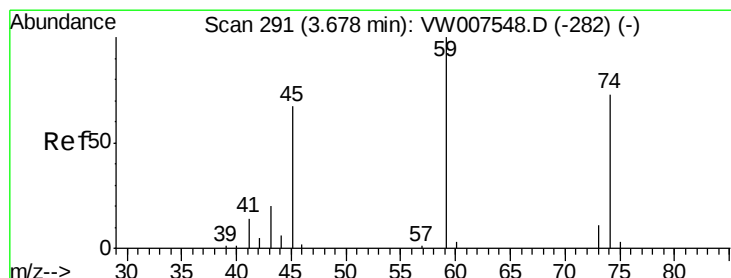
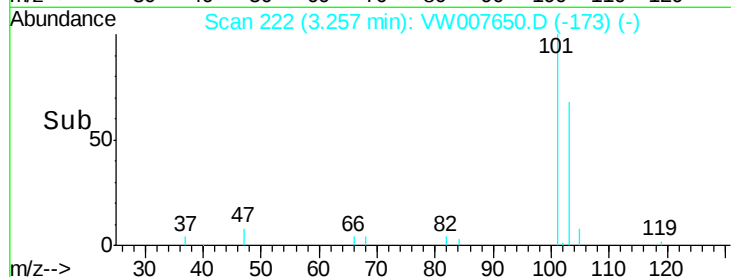
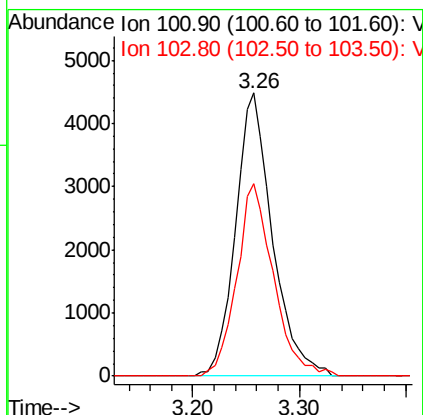
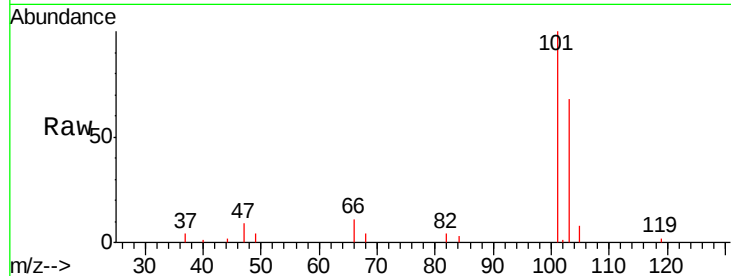
Trichlorofluoromethane
Concen: 23.009 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

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ClientSampleId :
VW1220SBS01

Tgt Ion: 101 Resp: 10886
Ion Ratio Lower Upper
101 100
103 68.2 51.7 77.5

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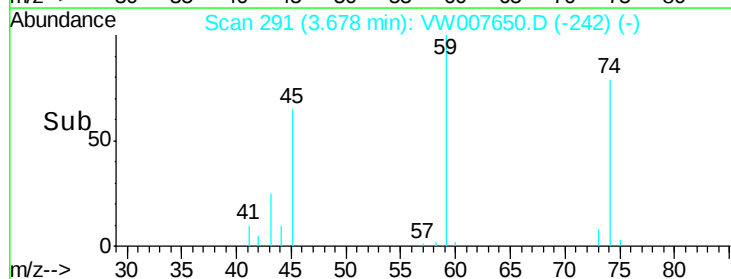
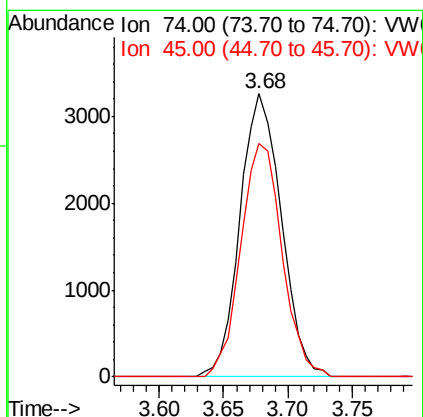
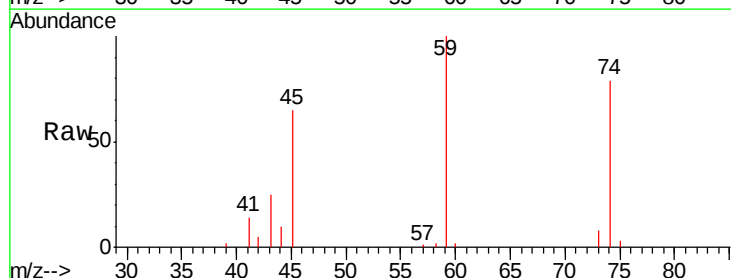
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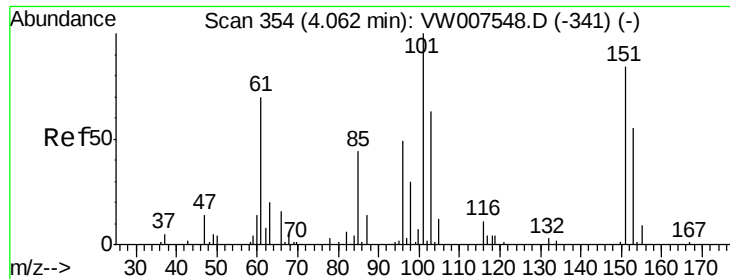


#8

Diethyl Ether
Concen: 19.592 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion: 74 Resp: 7255
Ion Ratio Lower Upper
74 100
45 82.4 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.476 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.02 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

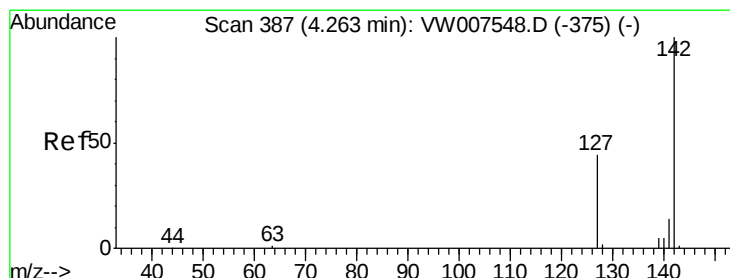
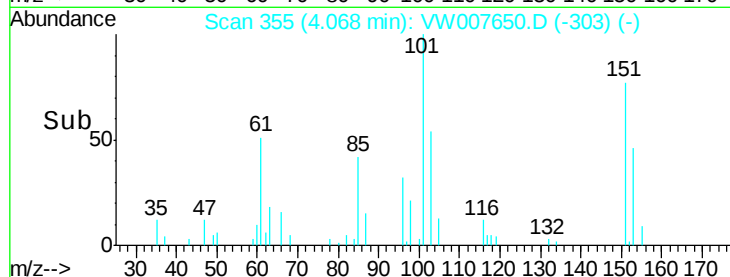
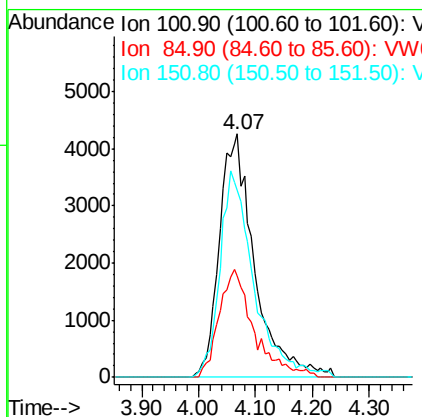
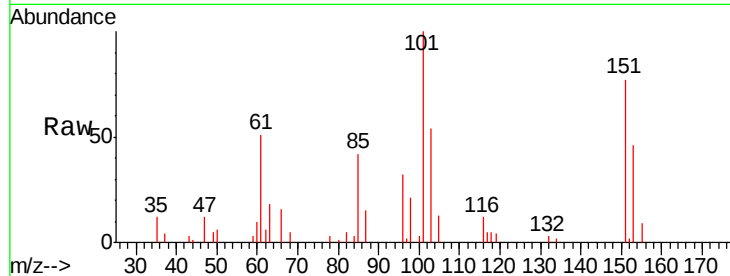
ClientSampleId :

VW1220SBS01

Tgt Ion:	101	Resp:	18327
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.9	50.9
151	81.1	63.7	95.5

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#10

Methyl Iodide

Concen: 21.303 ug/l

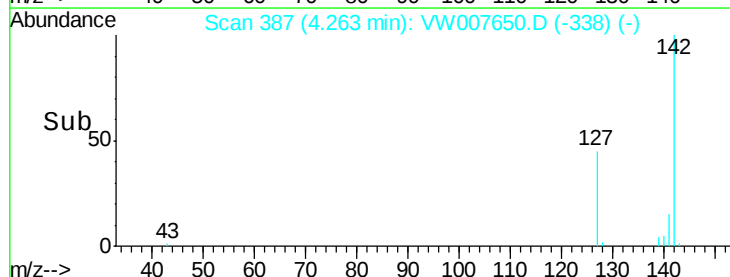
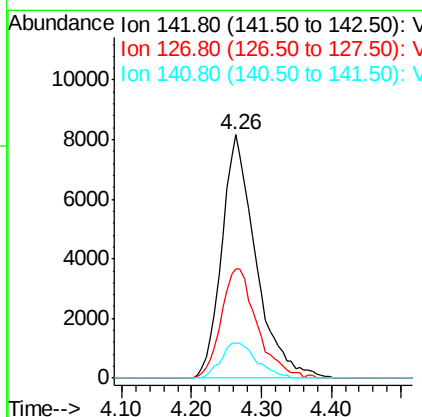
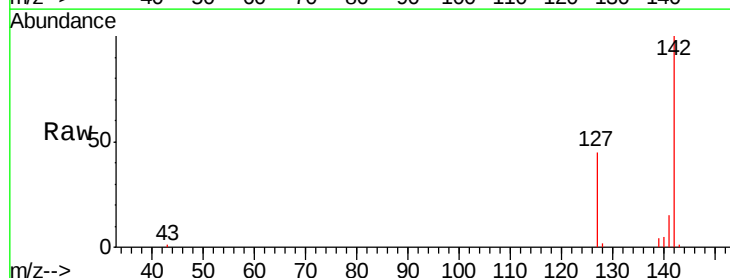
RT: 4.26 min Scan# 387

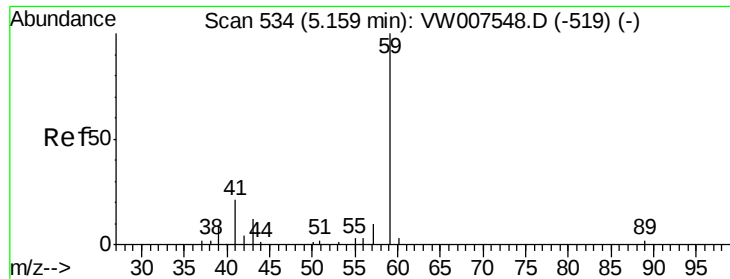
Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Tgt Ion:	142	Resp:	27543
Ion Ratio	Lower	Upper	
142	100		
127	47.3	35.8	53.6
141	15.1	11.1	16.7





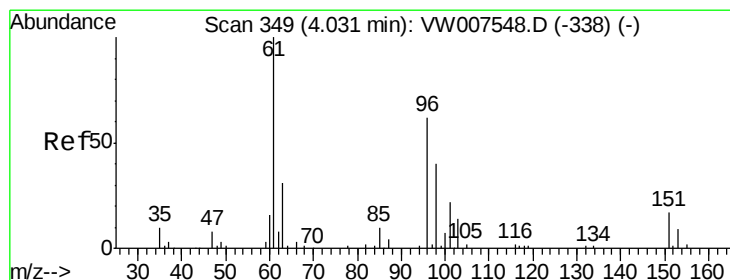
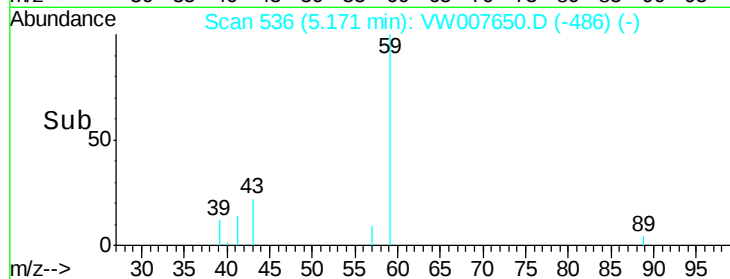
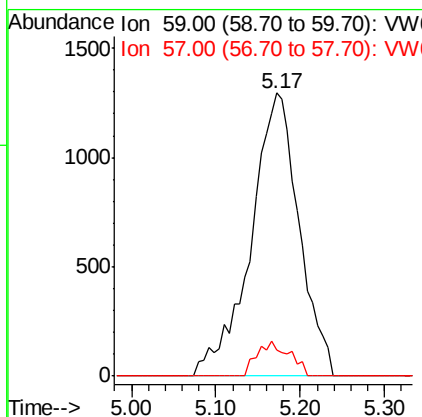
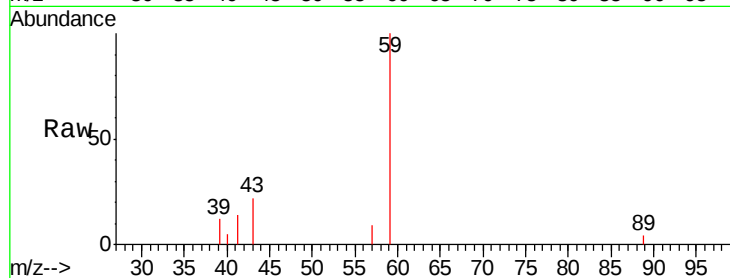
#11
Tert butyl alcohol
Concen: 87.324 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.2	7.6	11.4

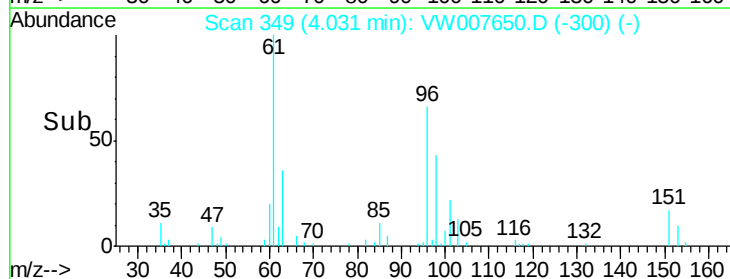
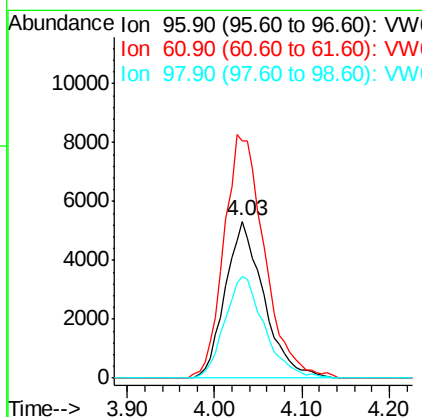
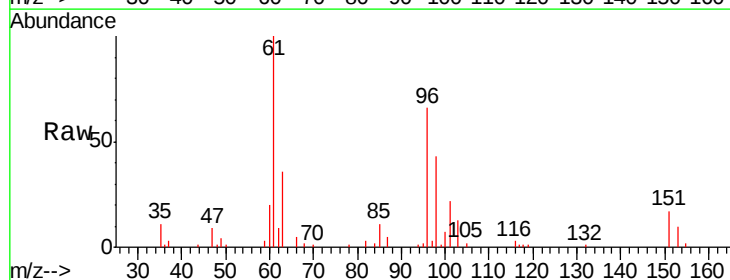
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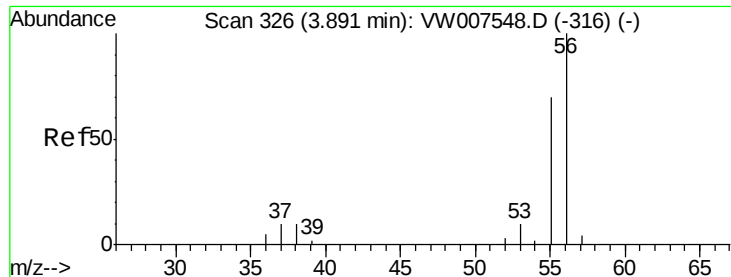
apatel
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#12
1,1-Dichloroethene
Concen: 21.690 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.8	126.2	189.2
98	64.6	48.3	72.5





#13

Acrolein

Concen: 86.798 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 56 Resp: 3353

Ion Ratio Lower Upper

56 100

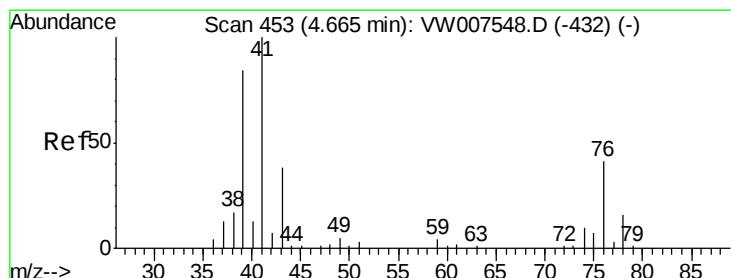
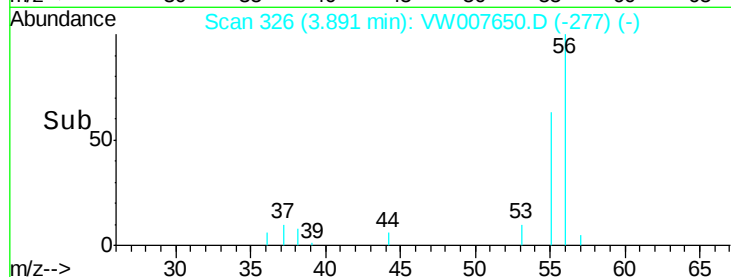
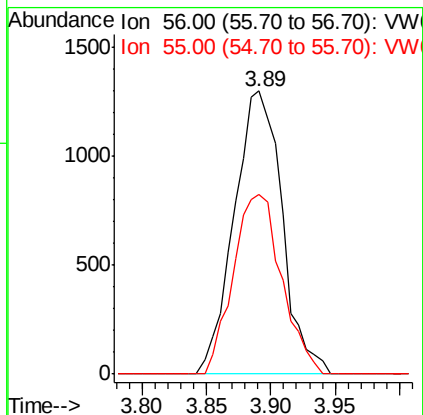
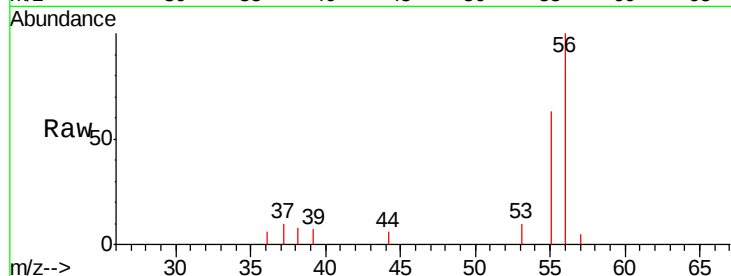
55 64.2 57.4 86.2

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#14

Allyl chloride

Concen: 20.576 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

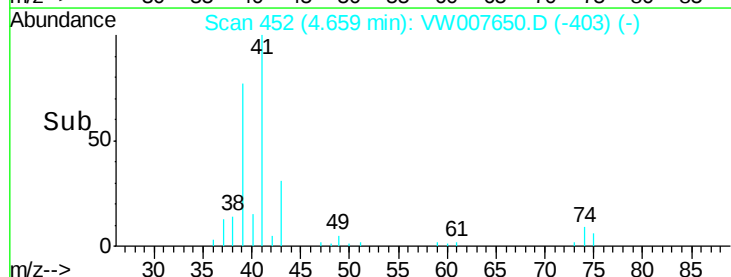
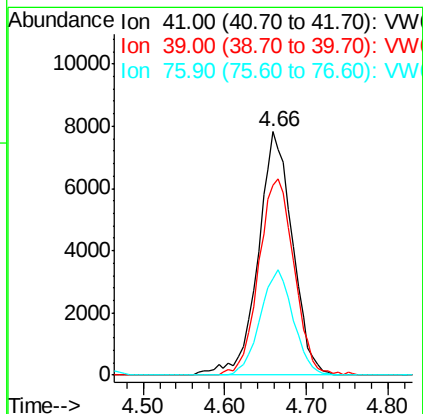
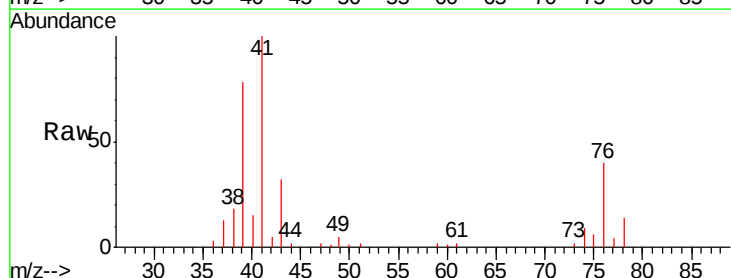
Tgt Ion: 41 Resp: 22797

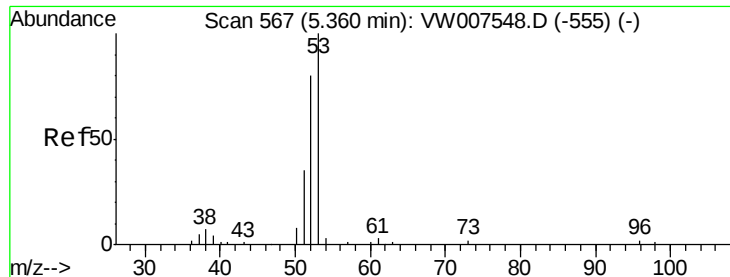
Ion Ratio Lower Upper

41 100

39 83.2 63.4 95.2

76 41.8 32.1 48.1





#15

Acrylonitrile

Concen: 95.053 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

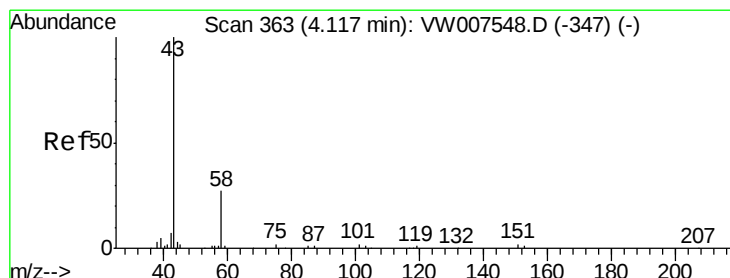
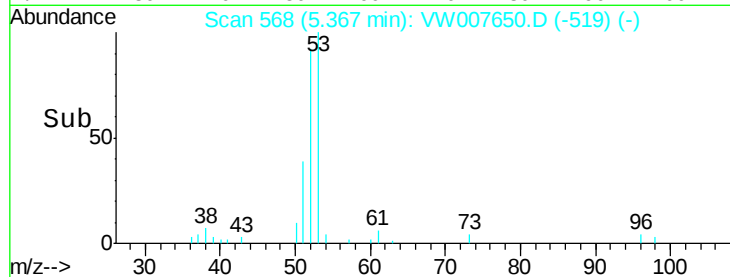
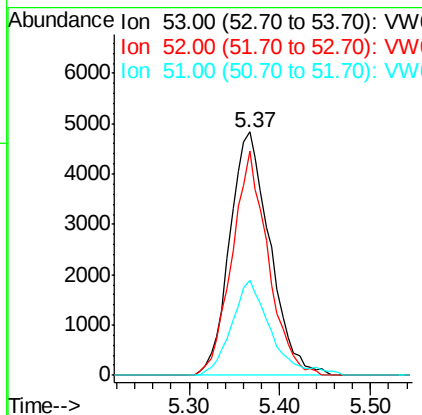
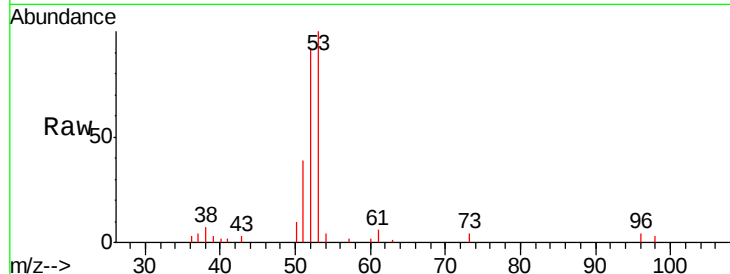
ClientSampleId :

VW1220SBS01

Tgt Ion:	53	Resp:	14838
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.4	101.2
51	38.0	30.2	45.2

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#16

Acetone

Concen: 114.542 ug/l

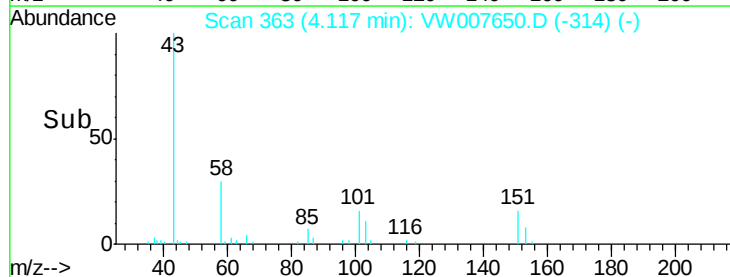
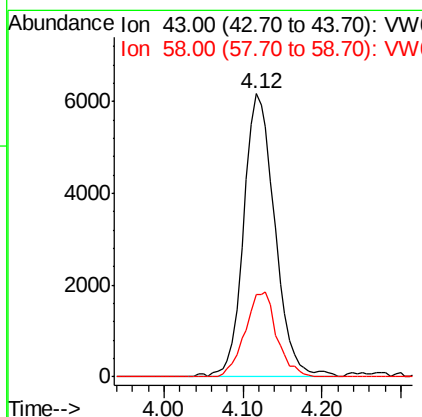
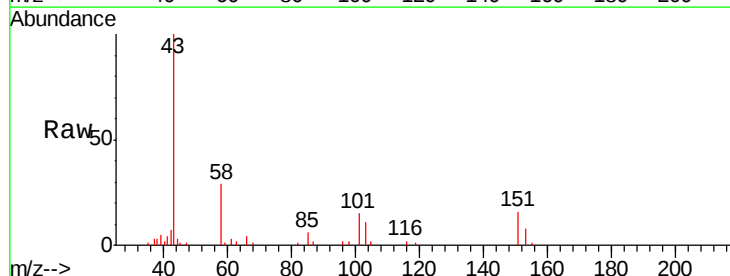
RT: 4.12 min Scan# 363

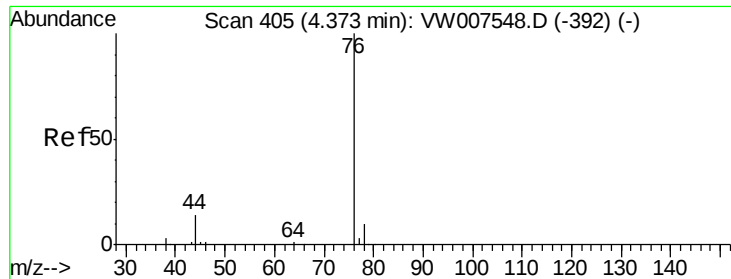
Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Tgt Ion:	43	Resp:	17007
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.9	37.3





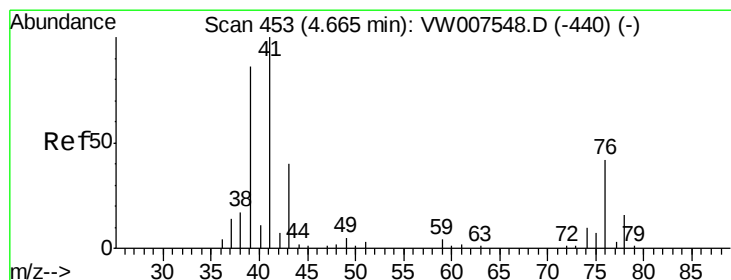
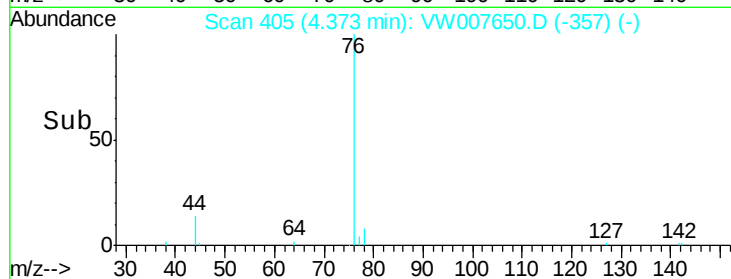
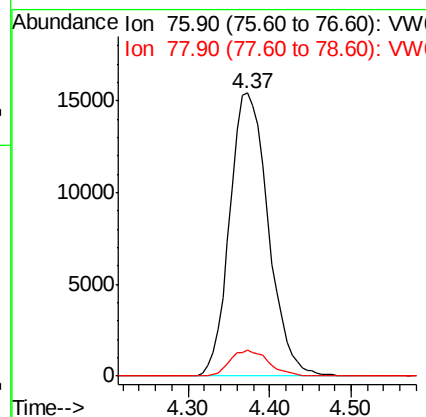
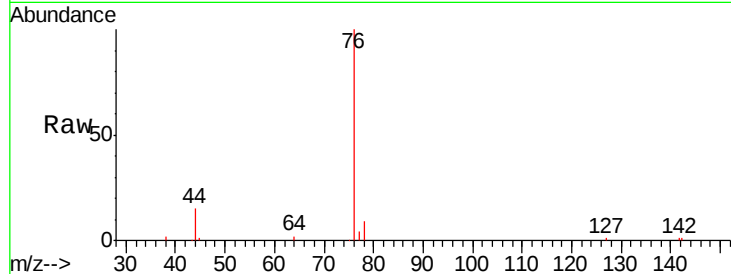
#17
Carbon Disulfide
Concen: 22.126 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion: 76 Resp: 50425
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

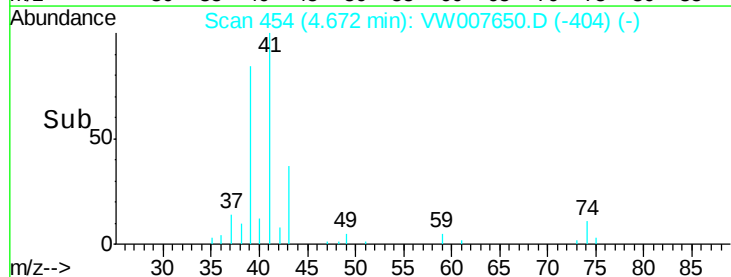
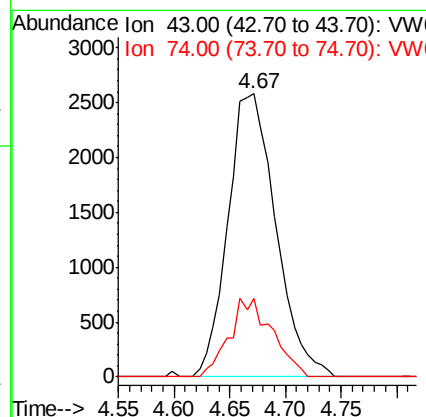
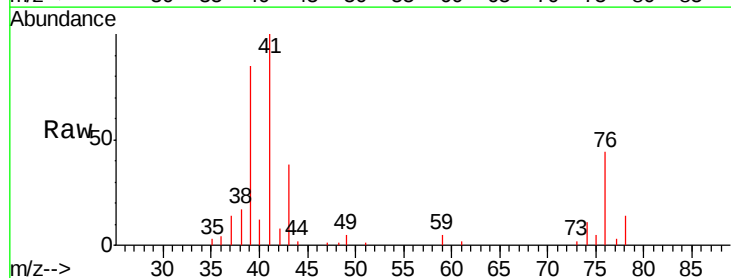
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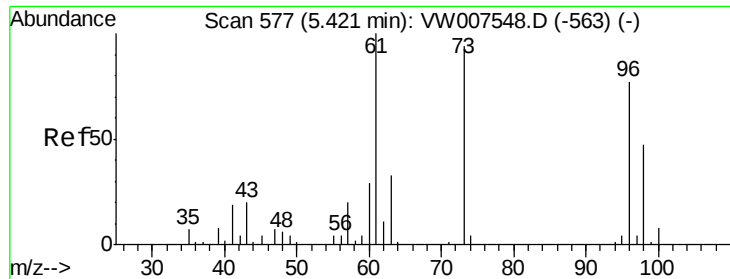
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#18
Methyl Acetate
Concen: 19.164 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion: 43 Resp: 7723
Ion Ratio Lower Upper
43 100
74 24.9 21.1 31.7





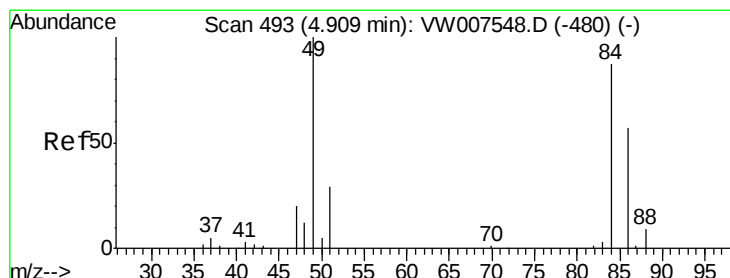
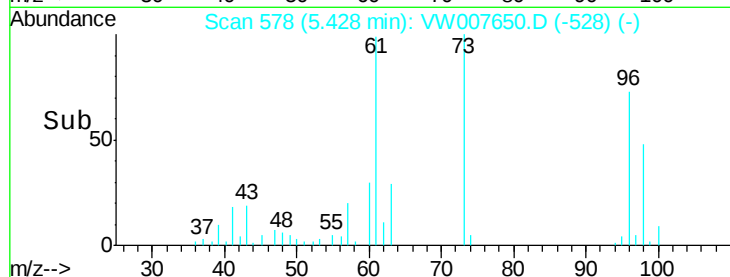
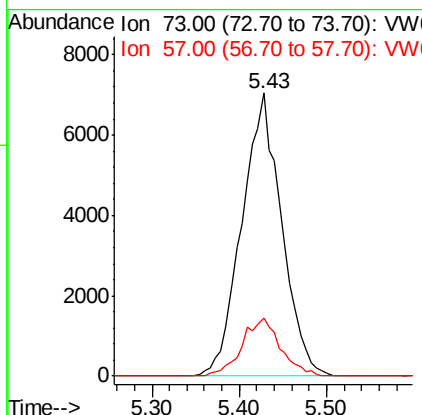
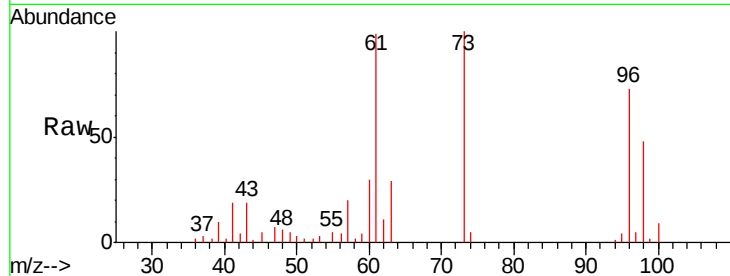
#19
Methyl tert-butyl Ether
Concen: 19.653 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion: 73 Resp: 22284
Ion Ratio Lower Upper
73 100
57 20.4 16.4 24.6

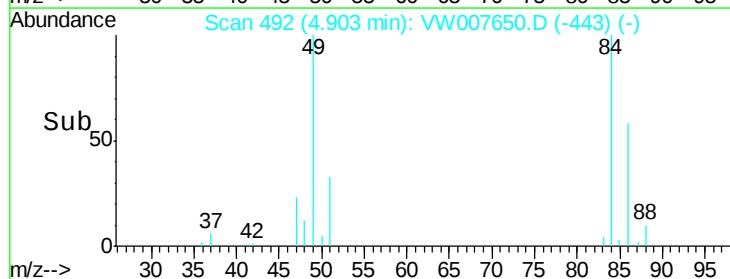
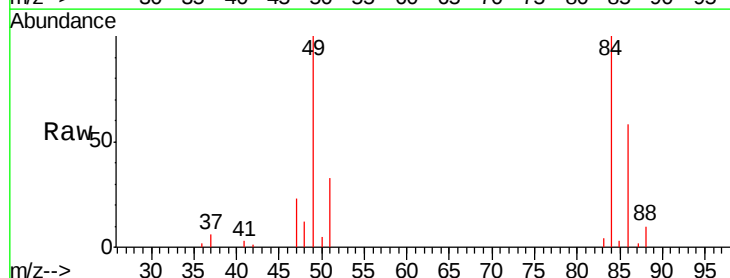
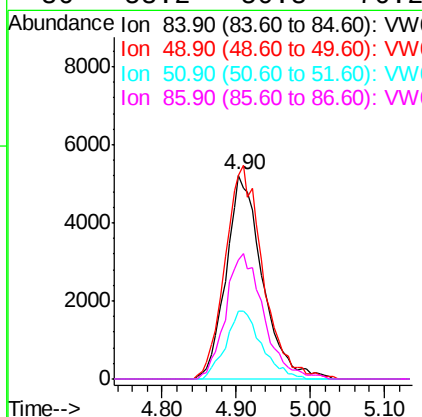
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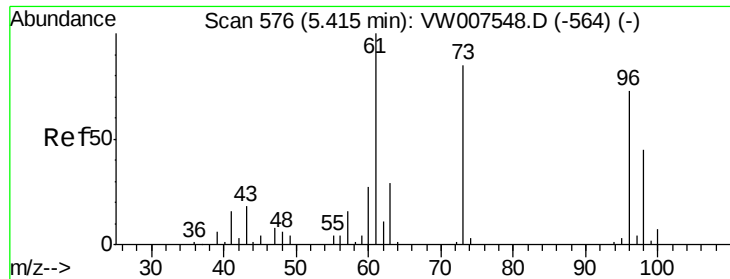
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#20
Methylene Chloride
Concen: 19.535 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion: 84 Resp: 17800
Ion Ratio Lower Upper
84 100
49 99.8 87.1 130.7
51 33.3 28.2 42.2
86 58.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 21.033 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 96 Resp: 17685

Ion Ratio Lower Upper

96 100

61 142.1 105.0 157.6

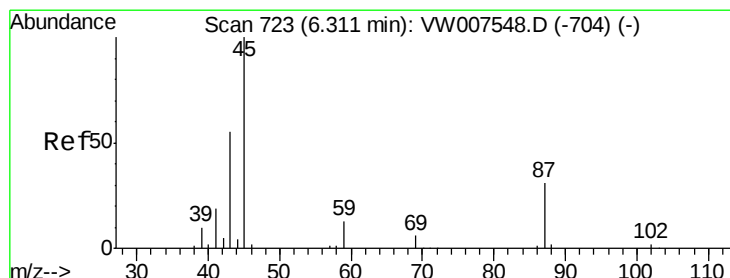
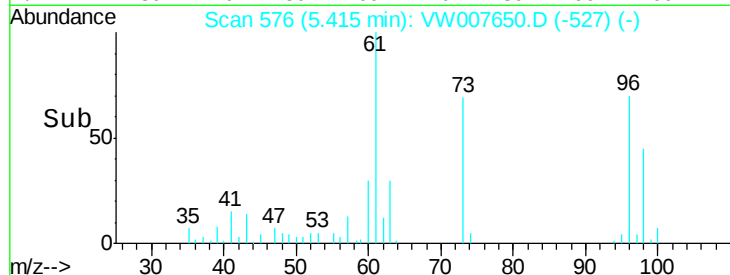
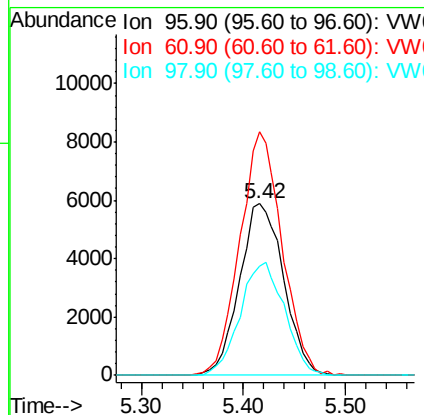
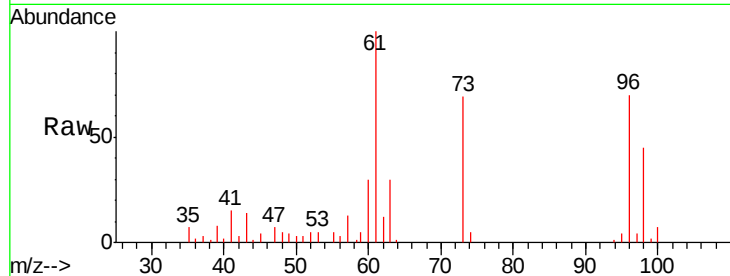
98 63.8 49.7 74.5

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#22

Diisopropyl ether

Concen: 19.375 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Tgt Ion: 45 Resp: 41260

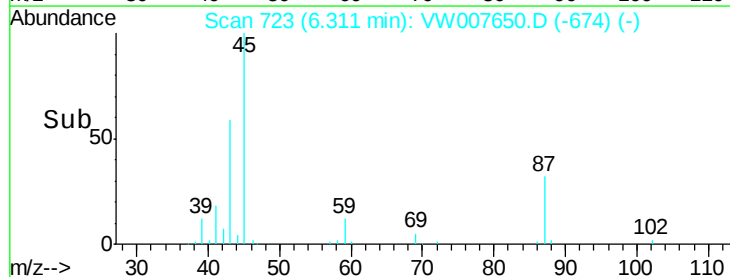
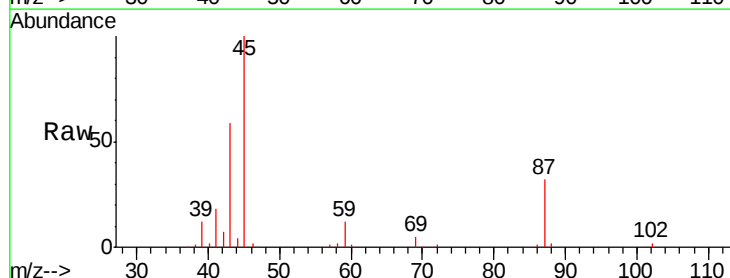
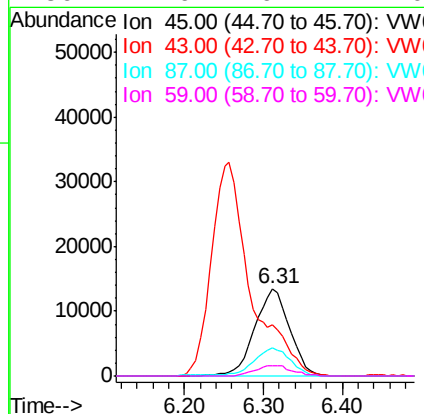
Ion Ratio Lower Upper

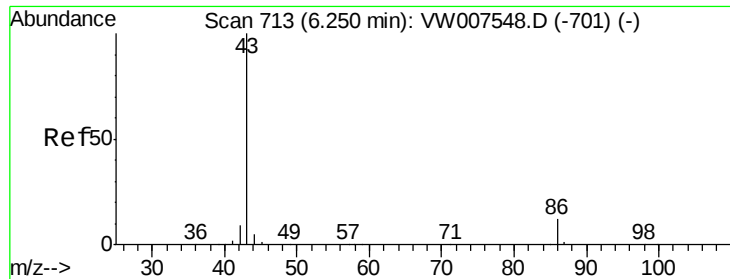
45 100

43 58.3 41.6 62.4

87 31.8 24.3 36.5

59 11.6 9.4 14.0





#23

Vinyl Acetate

Concen: 95.788 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 43 Resp: 114097

Ion Ratio Lower Upper

43 100

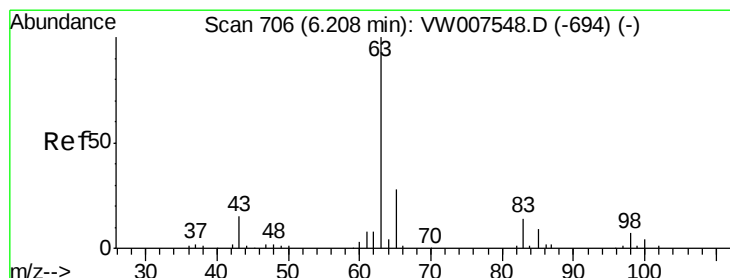
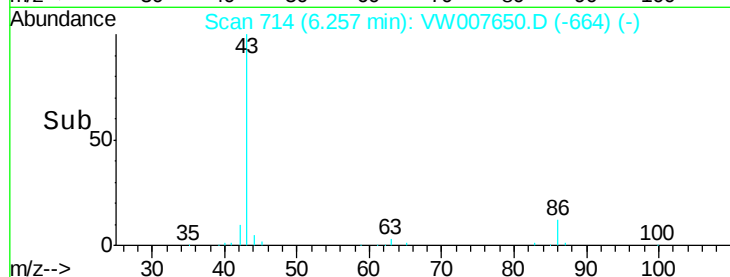
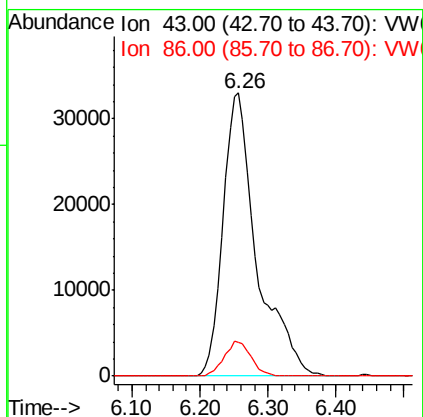
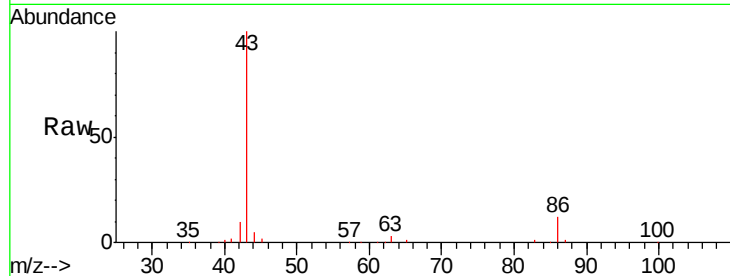
86 11.8 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 21.076 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

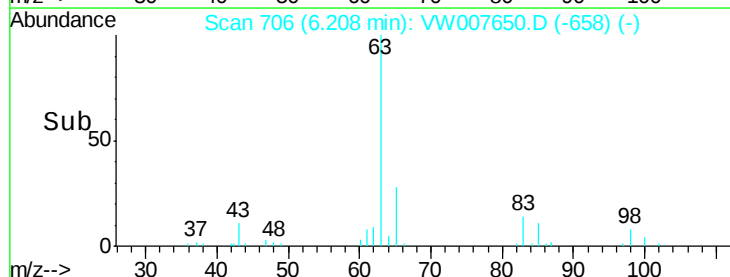
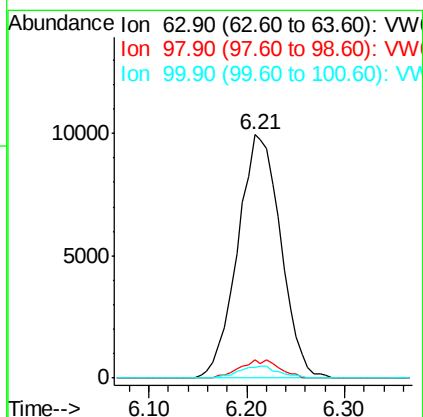
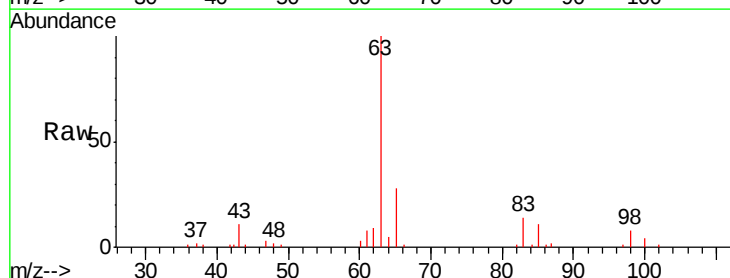
Tgt Ion: 63 Resp: 30334

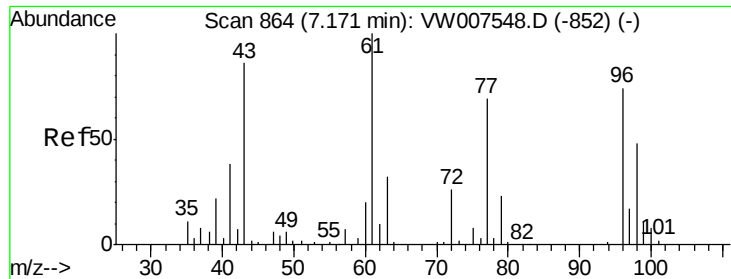
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.4 2.5 7.5





#25

2-Butanone

Concen: 94.945 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 43 Resp: 18404

Ion Ratio Lower Upper

43 100

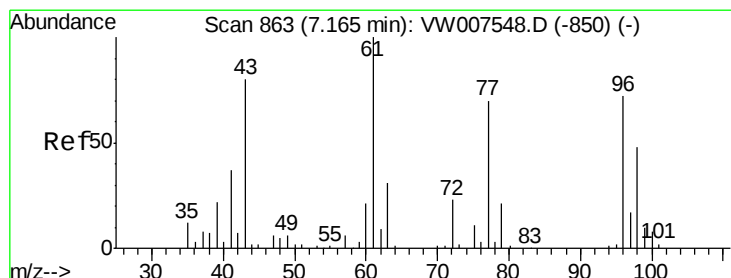
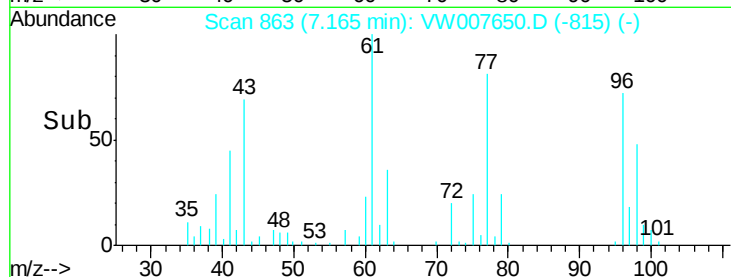
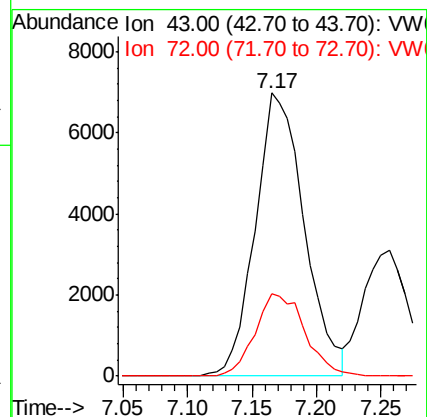
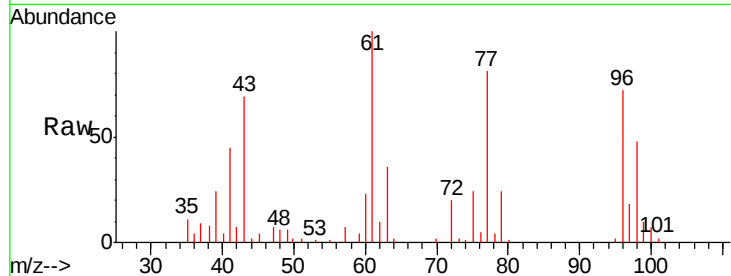
72 29.2 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 24.193 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007650.D

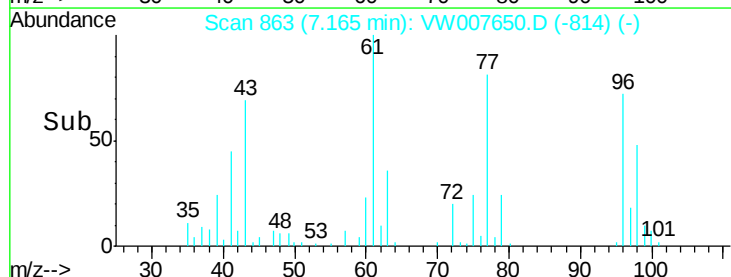
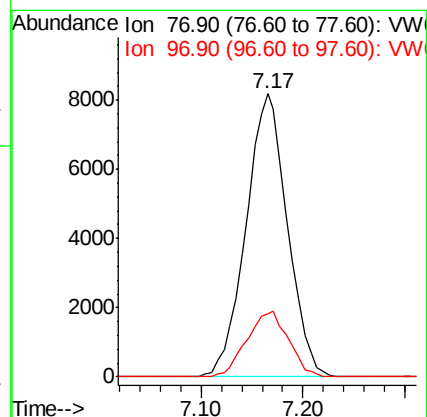
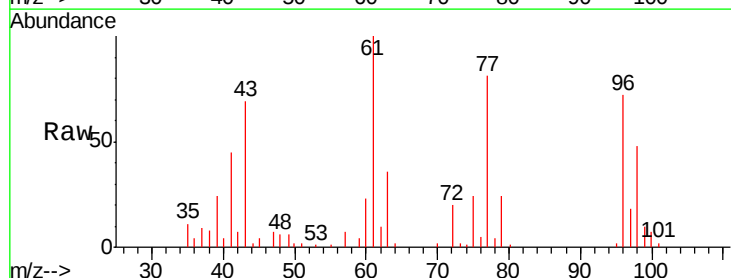
Acq: 18 Dec 2018 11:41

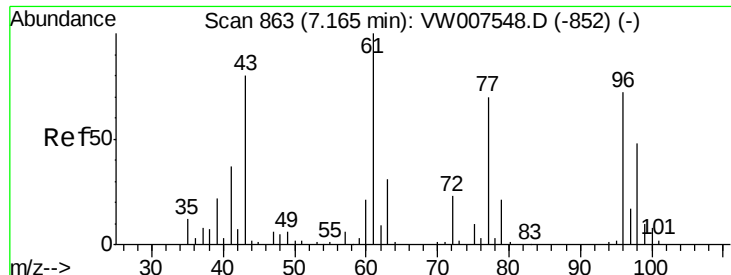
Tgt Ion: 77 Resp: 23045

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





#27

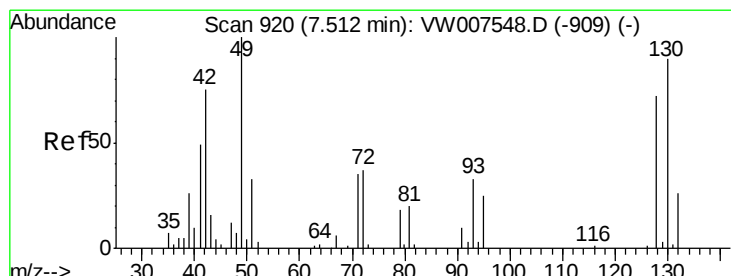
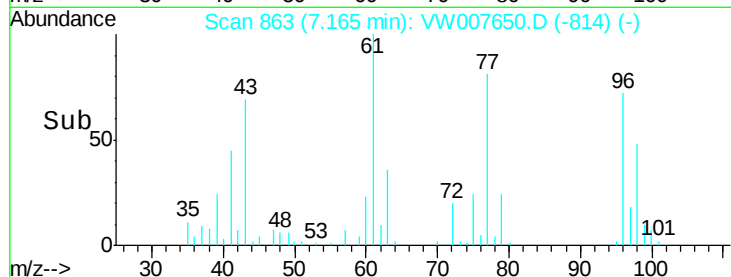
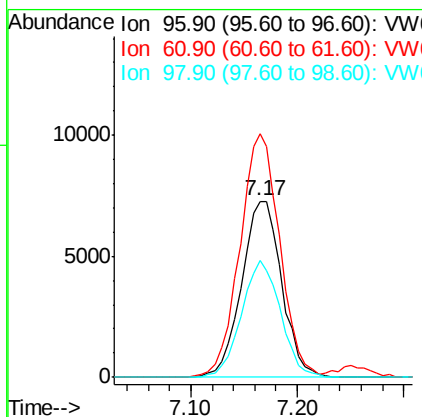
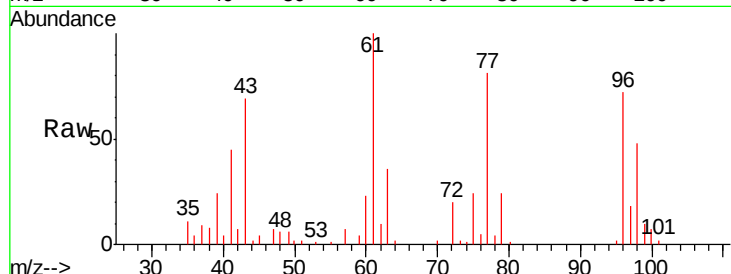
cis-1,2-Dichloroethene
Concen: 20.835 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	268.4
98	64.6	0.0	127.8

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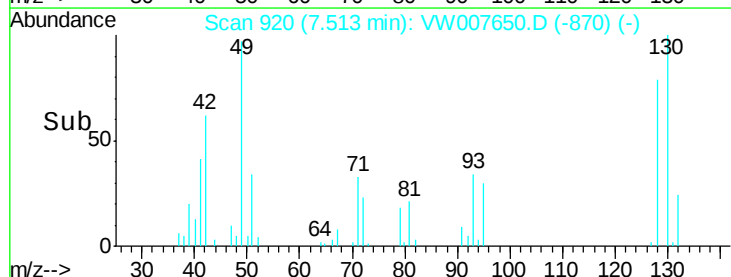
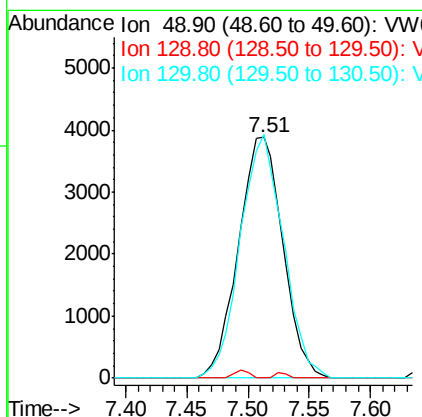
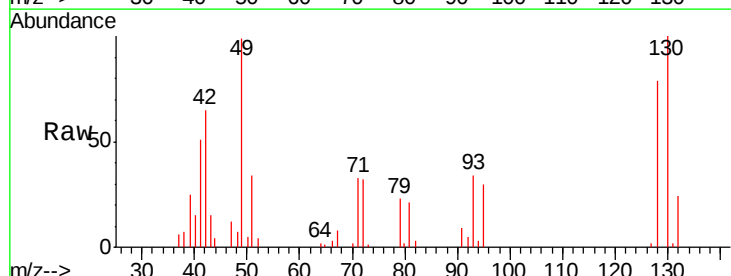
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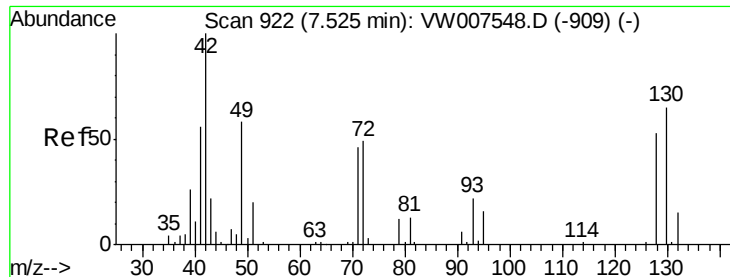


#28

Bromochloromethane
Concen: 18.067 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.6
130	98.2	75.9	113.9





#29

Tetrahydrofuran

Concen: 84.319 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

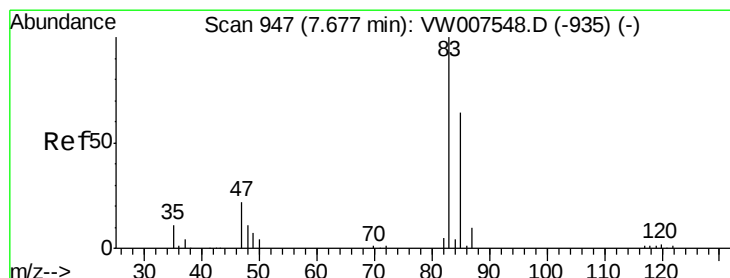
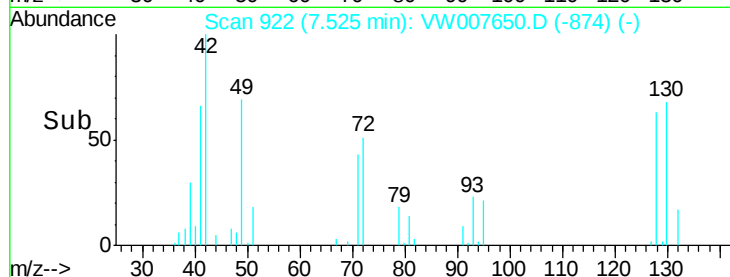
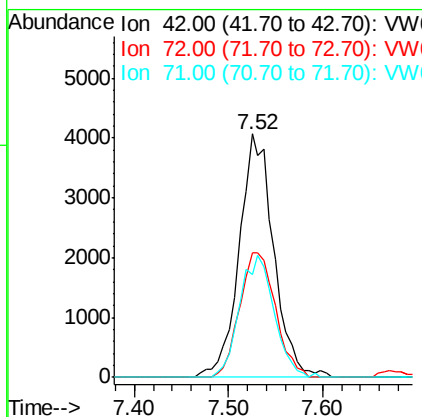
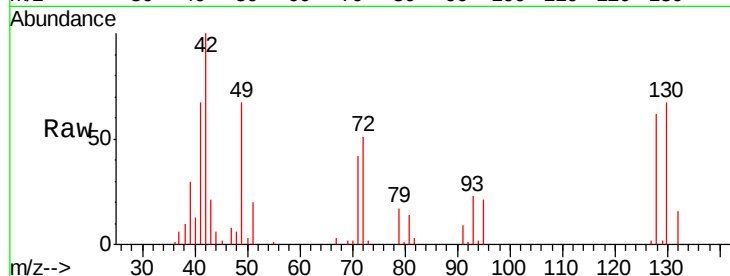
ClientSampleId :

VW1220SBS01

Tgt Ion:	42	Resp:	10347
Ion Ratio		Lower	Upper
42	100		
72	53.3	38.2	57.4
71	50.5	35.5	53.3

Manual Integrations
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#30

Chloroform

Concen: 21.022 ug/l

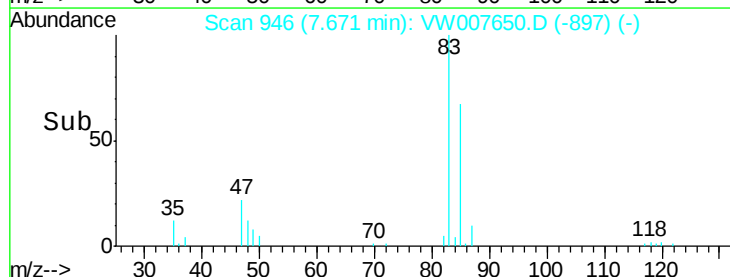
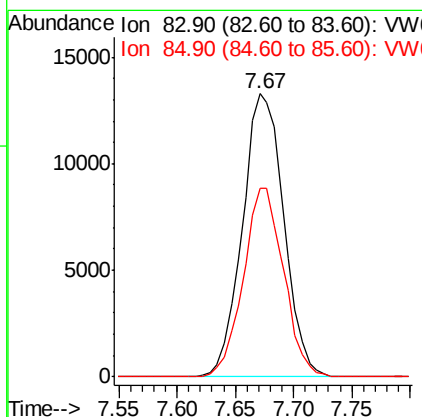
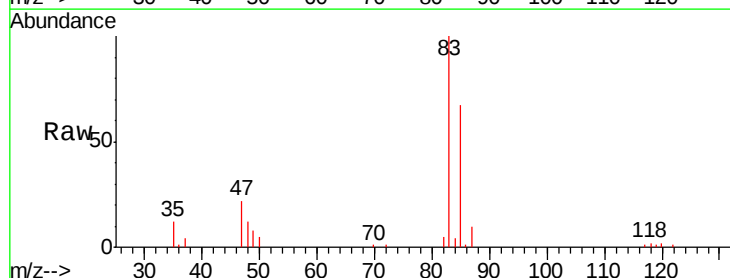
RT: 7.67 min Scan# 946

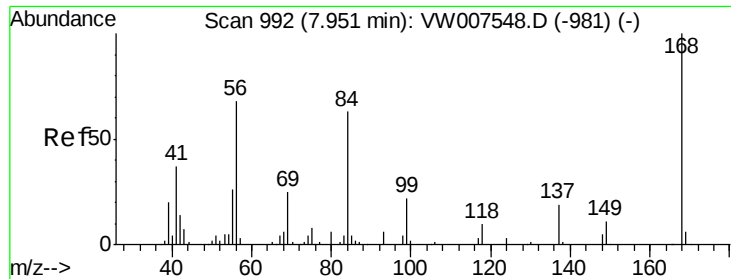
Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Tgt Ion:	83	Resp:	32926
Ion Ratio		Lower	Upper
83	100		
85	66.8	51.8	77.8





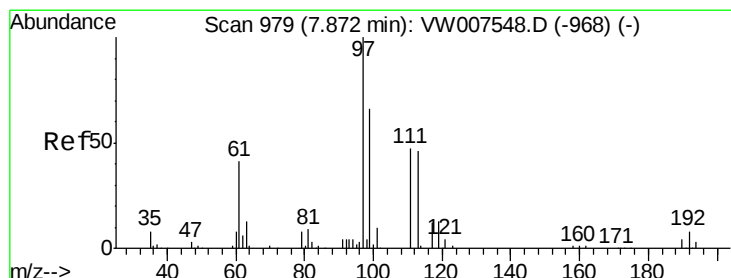
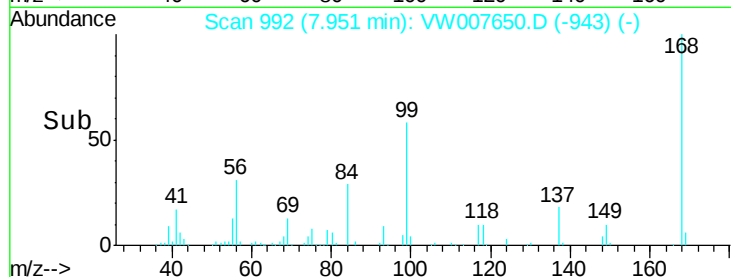
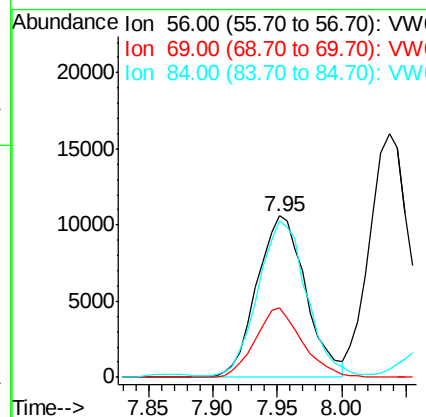
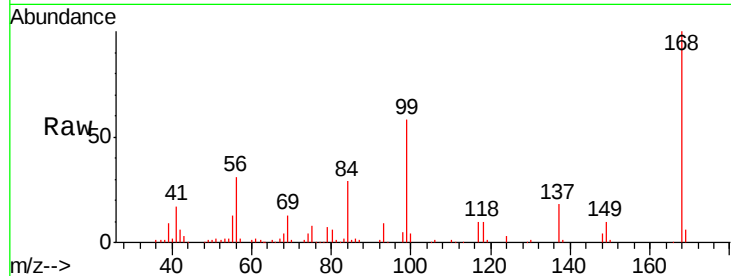
#31
Cyclohexane
Concen: 21.235 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	43.0	28.9	43.3
84	95.1	71.8	107.6

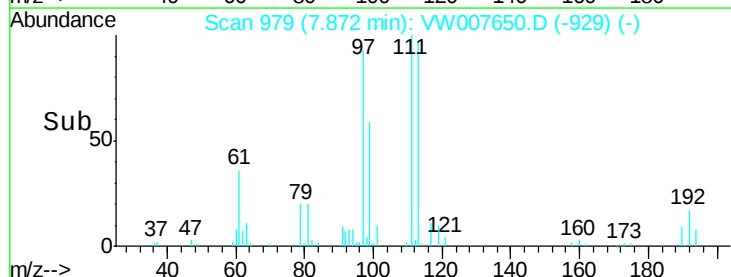
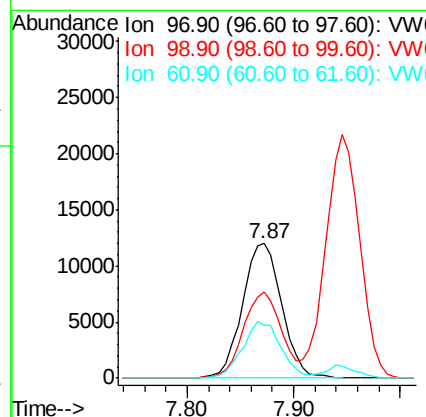
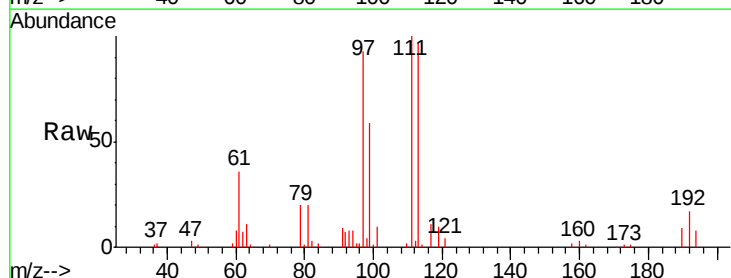
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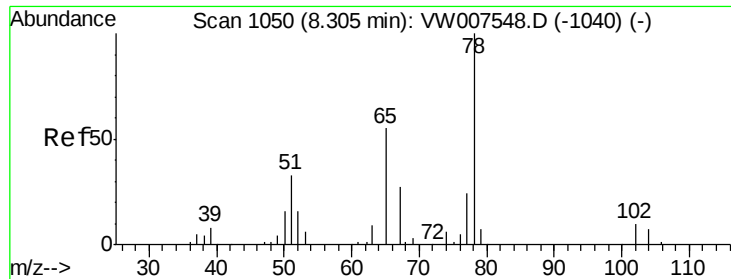
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#32
1,1,1-Trichloroethane
Concen: 22.593 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.6	51.1	76.7
61	41.1	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 46.837 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 65 Resp: 39814

Ion Ratio Lower Upper

65 100

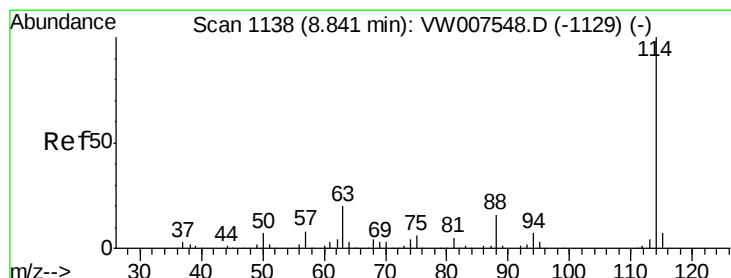
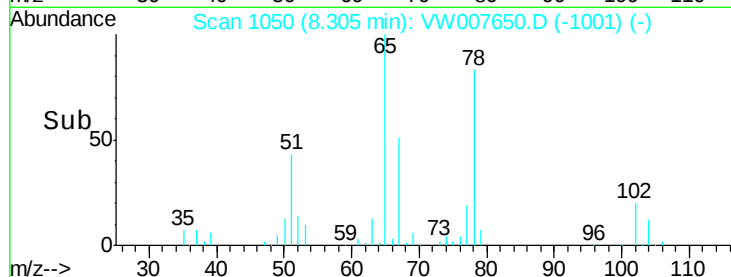
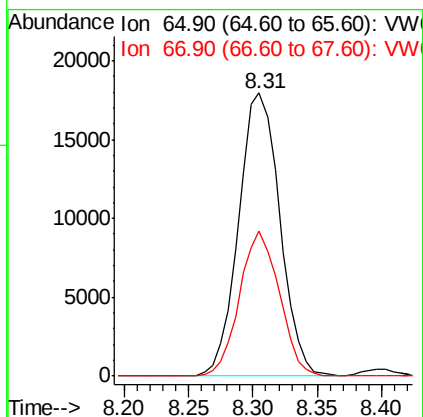
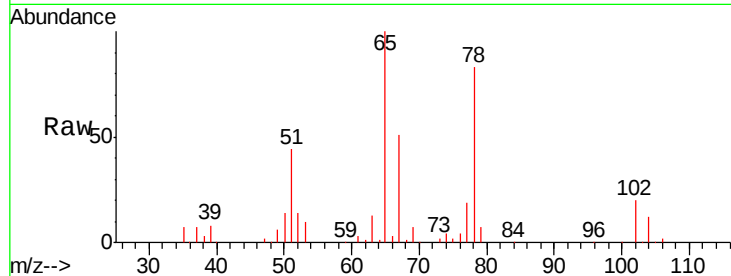
67 49.1 0.0 101.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

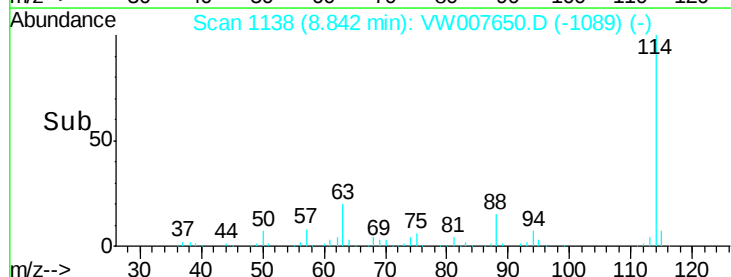
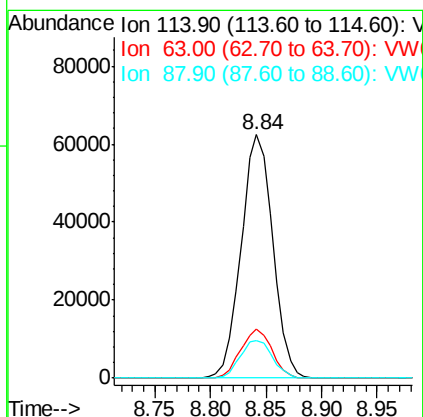
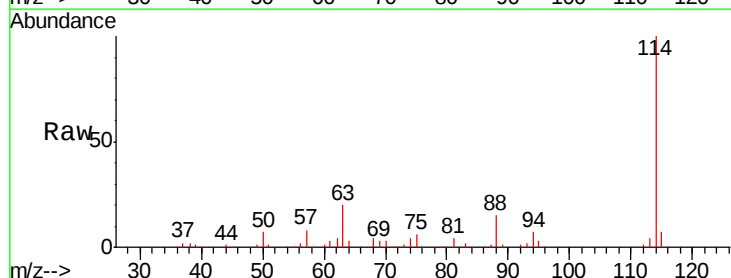
Tgt Ion: 114 Resp: 123197

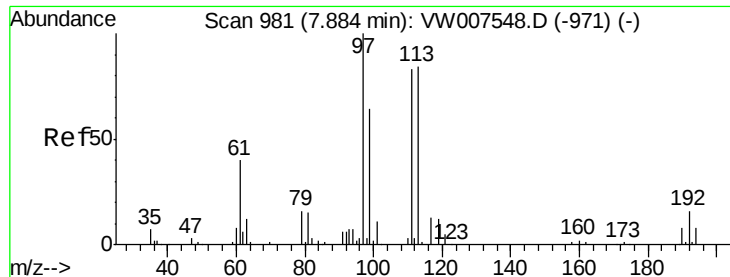
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 15.3 0.0 31.4





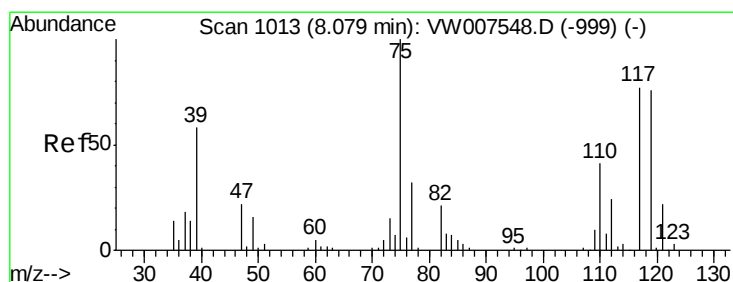
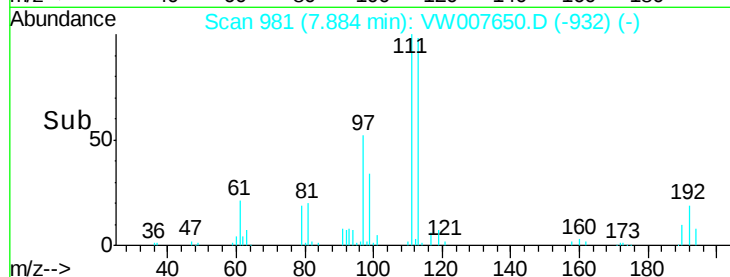
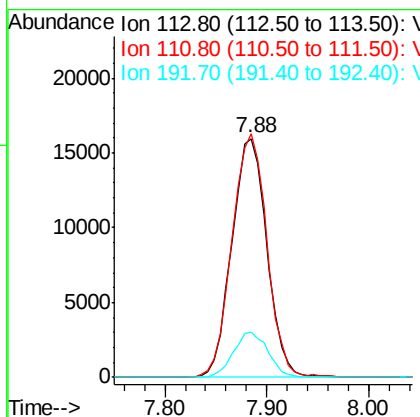
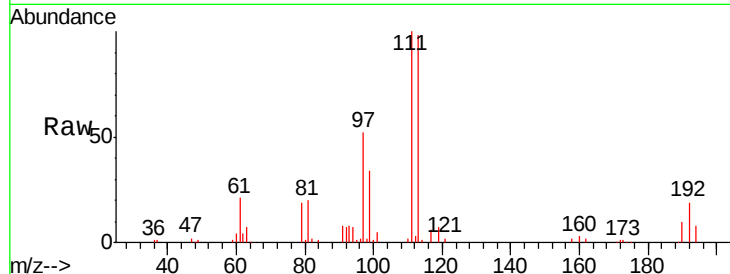
#35
 Dibromofluoromethane
 Concen: 51.024 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	38052		
111	101.8	81.1	121.7	
192	18.7	14.6	21.8	

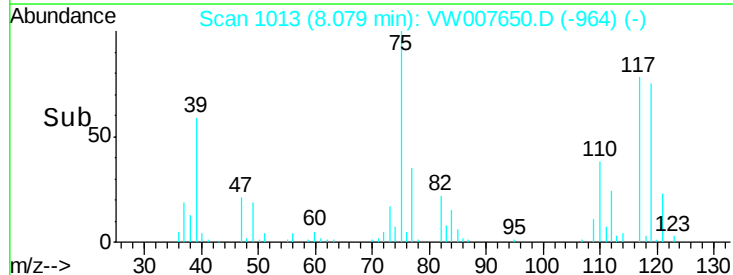
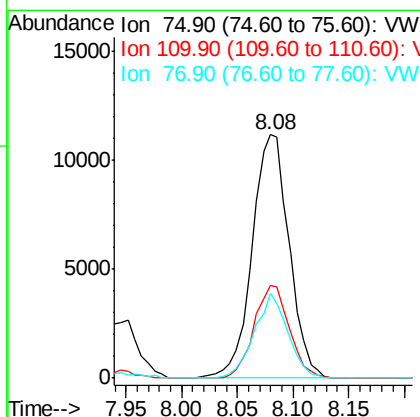
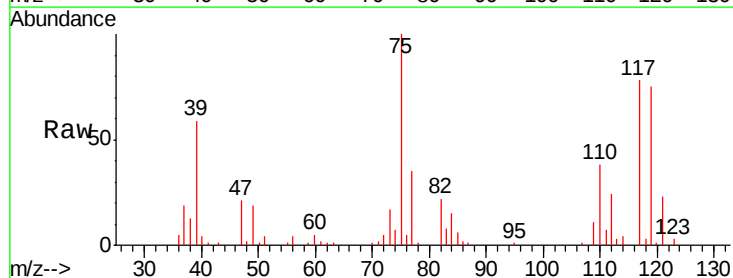
Manual Integrations
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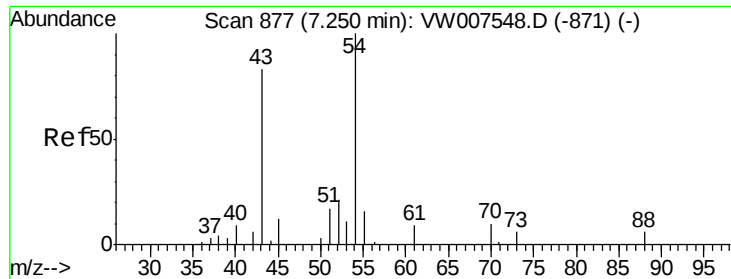
apatel
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#36
 1,1-Dichloropropene
 Concen: 22.993 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25841		
110	36.6	18.5	55.5	
77	31.6	25.6	38.4	





#37

Ethyl Acetate

Concen: 18.897 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

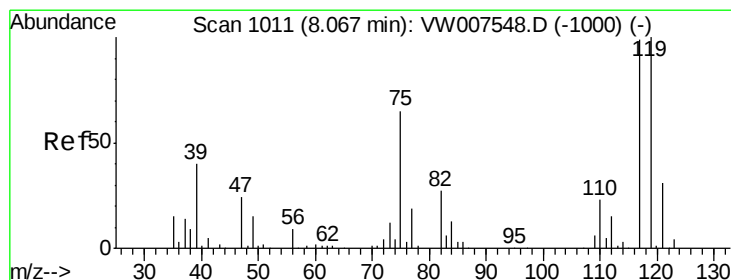
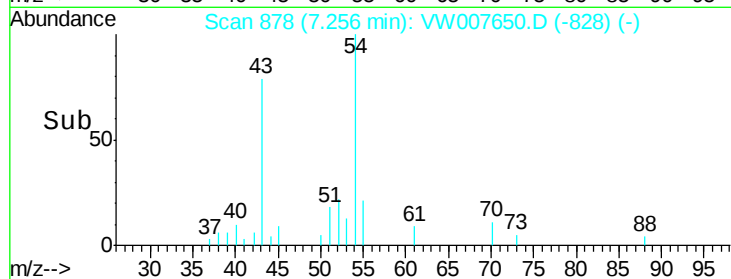
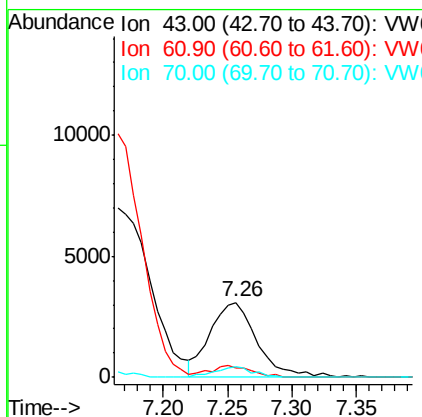
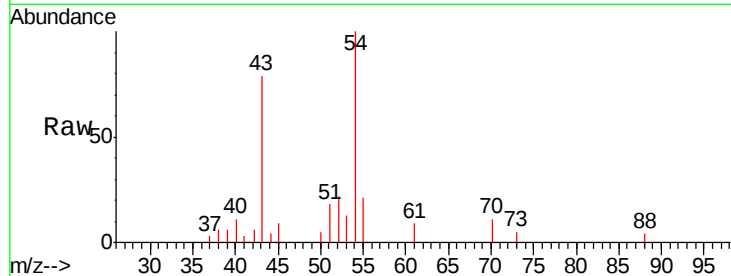
ClientSampleId :

VW1220SBS01

Tgt Ion:	43	Resp:	7899
Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.1	18.1
70	11.6	10.0	15.0

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 24.668 ug/l

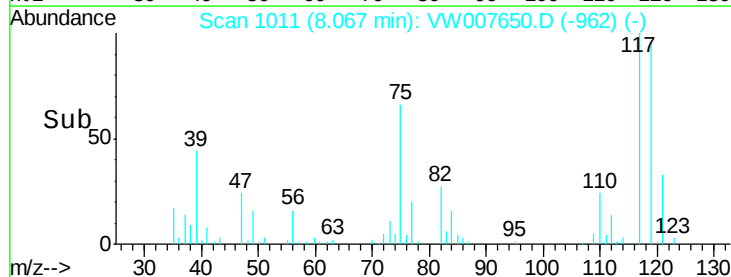
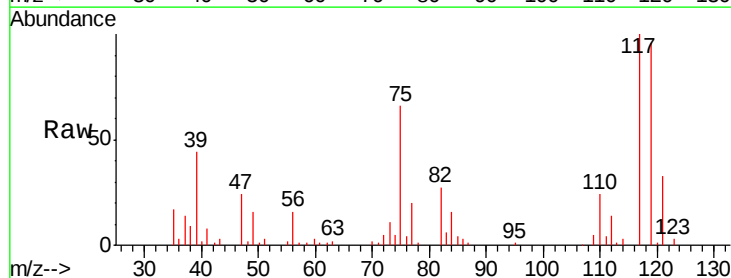
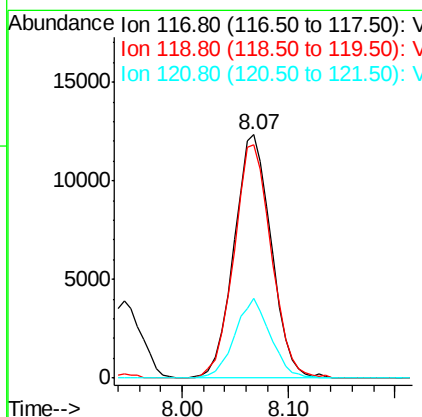
RT: 8.07 min Scan# 1011

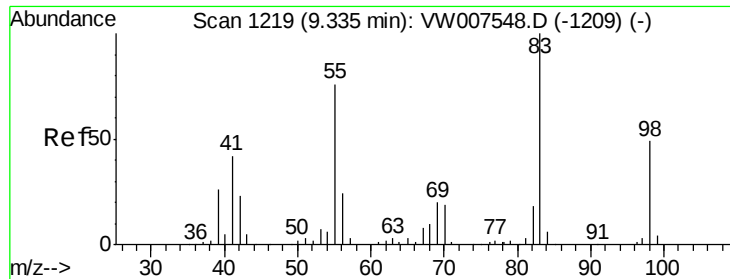
Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Tgt Ion:	117	Resp:	30165
Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.3	111.5
121	33.0	24.3	36.5





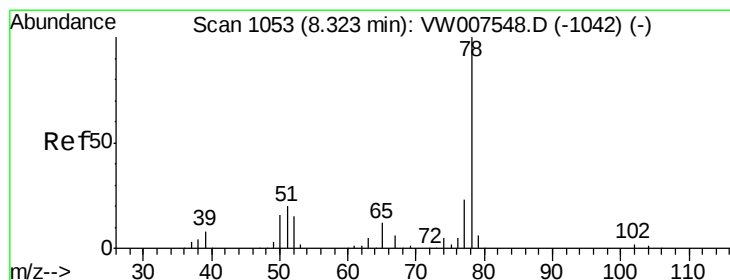
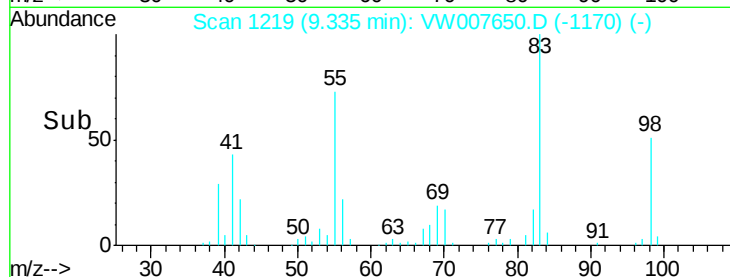
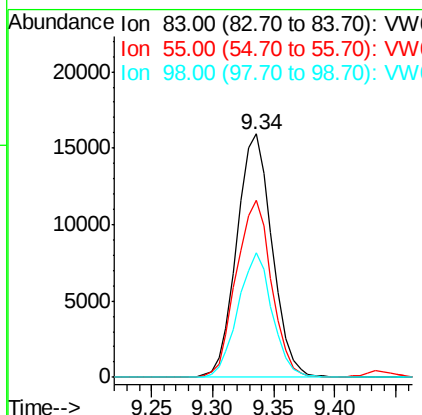
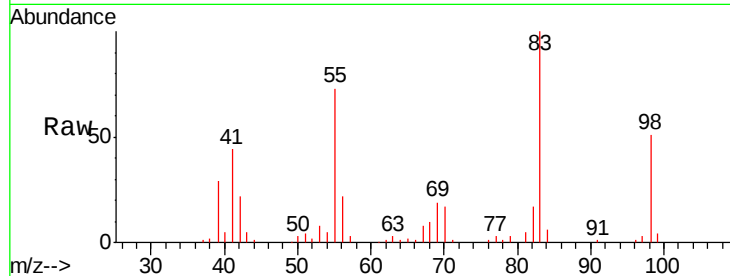
#39
Methylcyclohexane
Concen: 23.504 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.8	62.8	94.2
98	51.1	42.2	63.2

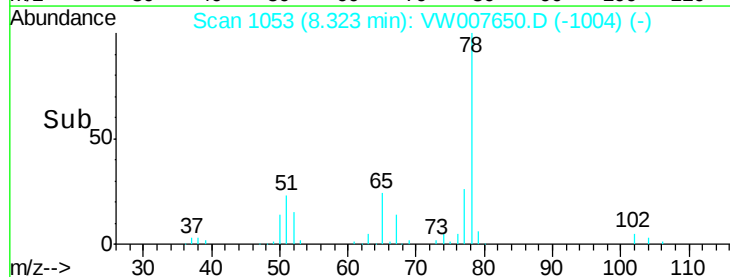
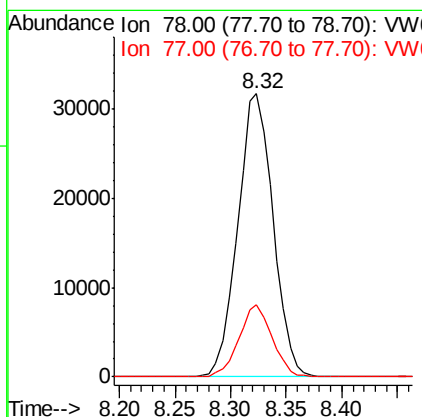
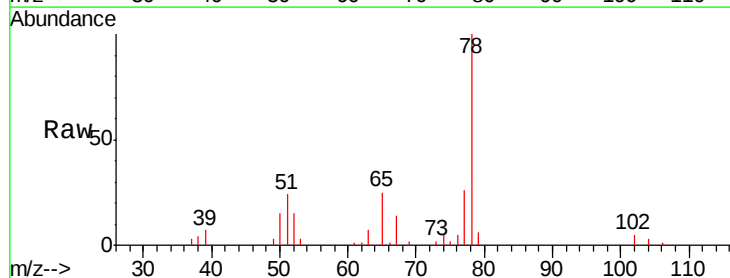
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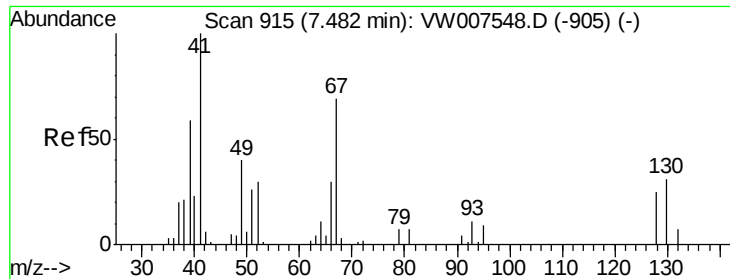
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#40
Benzene
Concen: 22.361 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.5	18.8	28.2





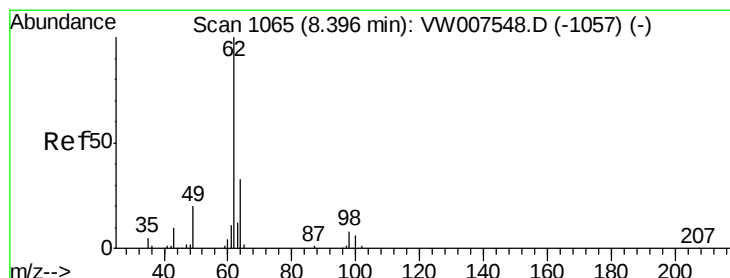
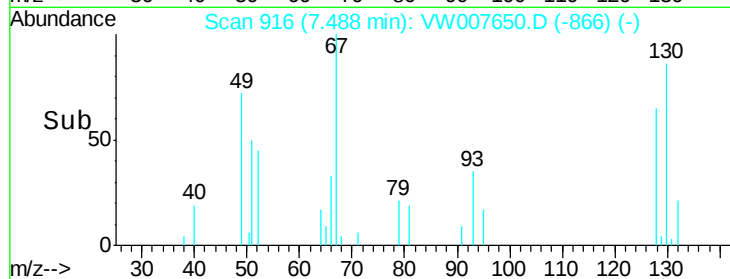
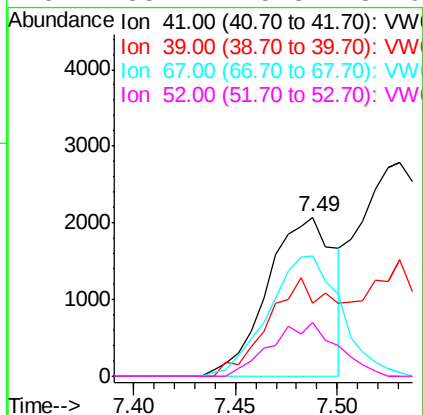
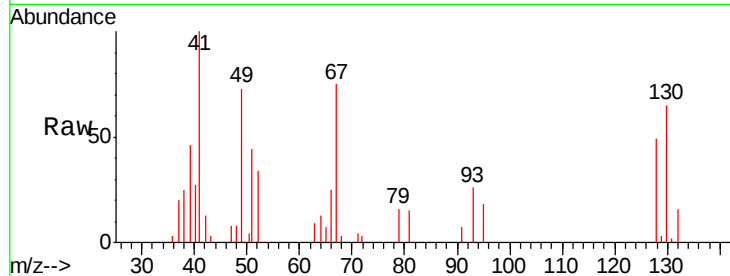
#41
Methacrylonitrile
Concen: 19.913 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion:	41	Resp:	4740
Ion	Ratio	Lower	Upper
41	100		
39	58.2	52.2	78.2
67	81.4	60.5	90.7
52	33.2	25.3	37.9

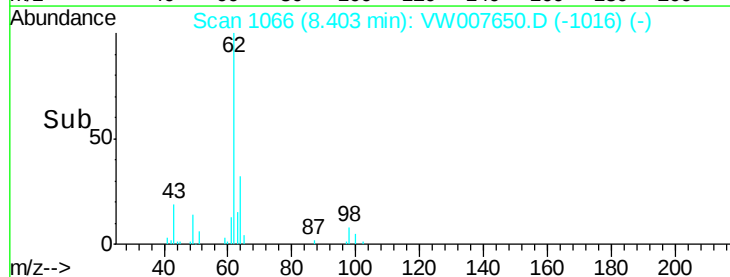
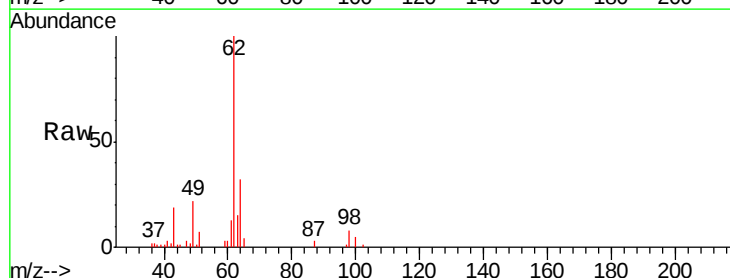
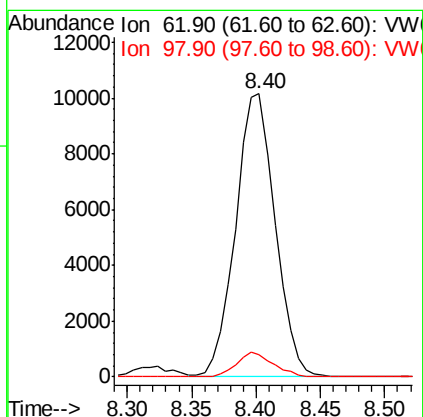
Manual Integrations
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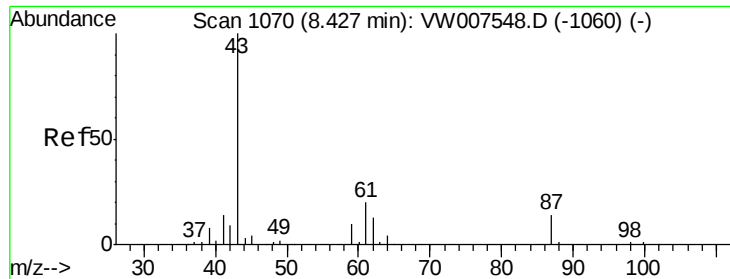
apatel
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#42
1,2-Dichloroethane
Concen: 22.083 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion:	62	Resp:	21635
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.6





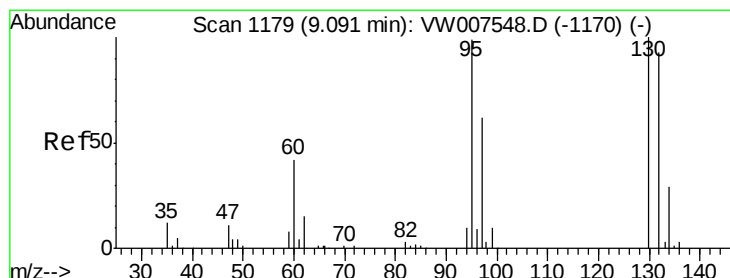
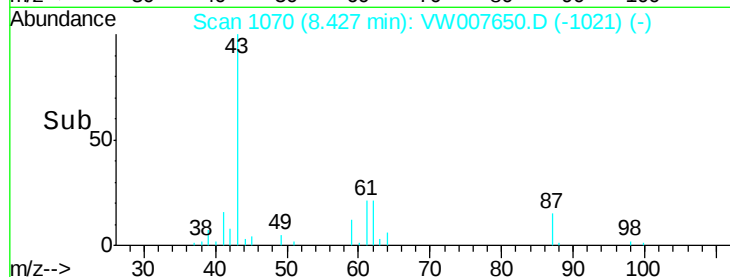
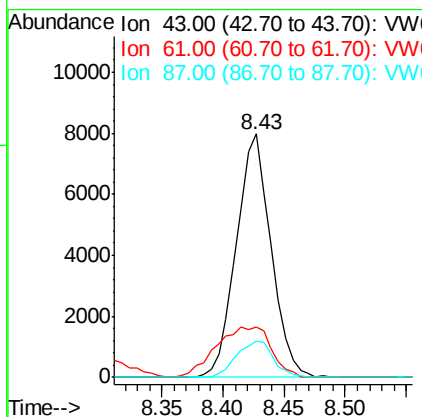
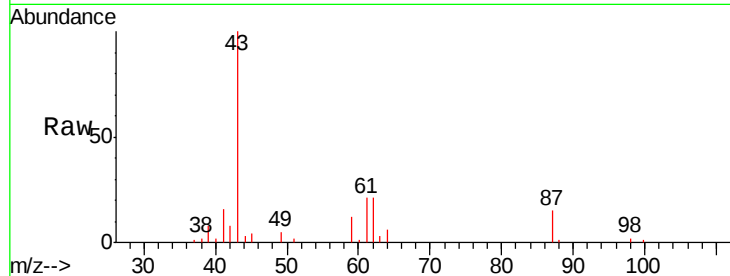
#43
Isopropyl Acetate
Concen: 19.012 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.9	25.3	37.9
87	15.8	11.8	17.8

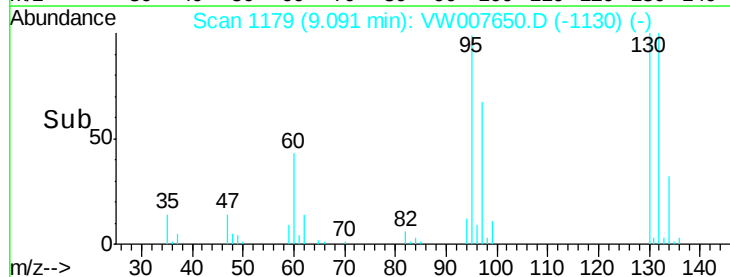
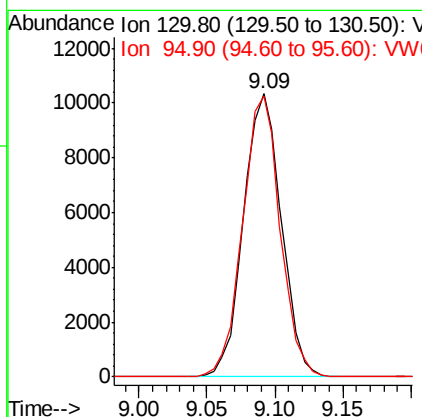
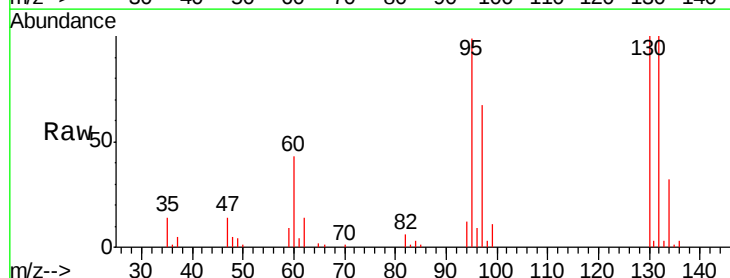
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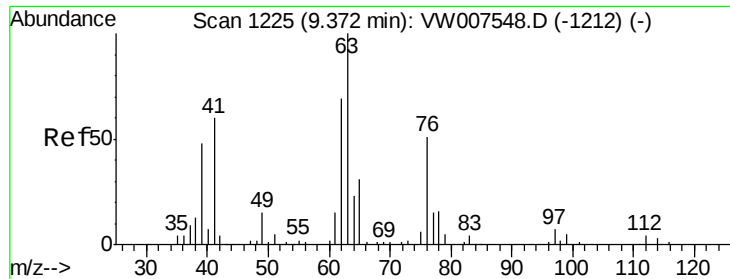
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#44
Trichloroethene
Concen: 22.596 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	193.2





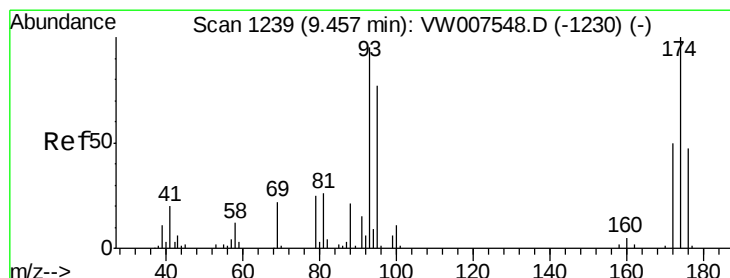
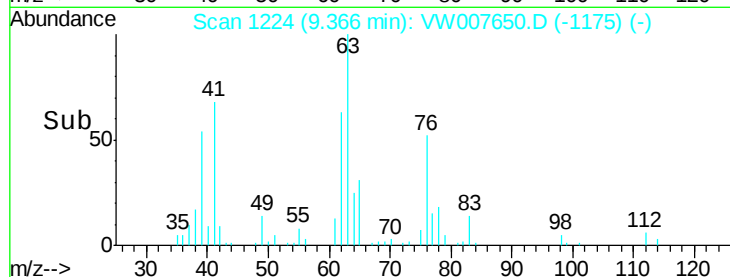
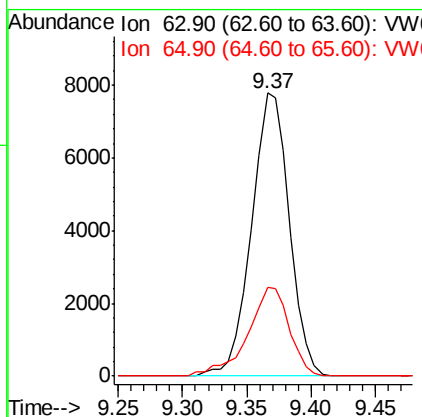
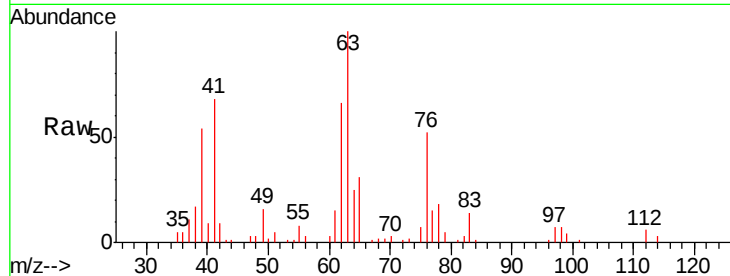
#45
 1,2-Dichloropropane
 Concen: 21.819 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion: 63 Resp: 15748
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.4 36.6

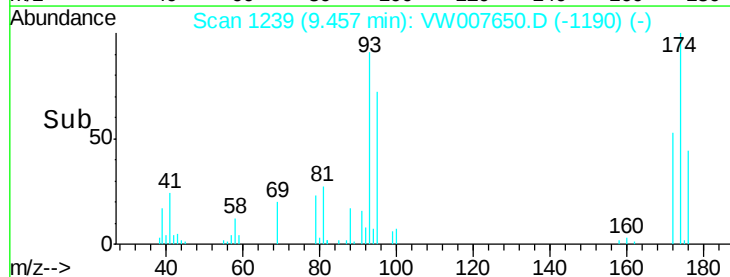
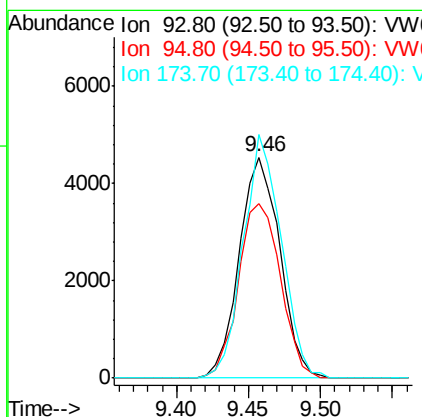
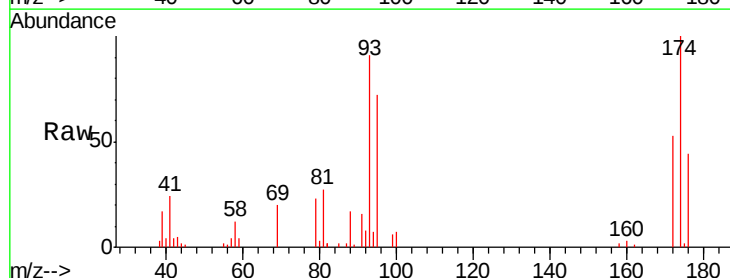
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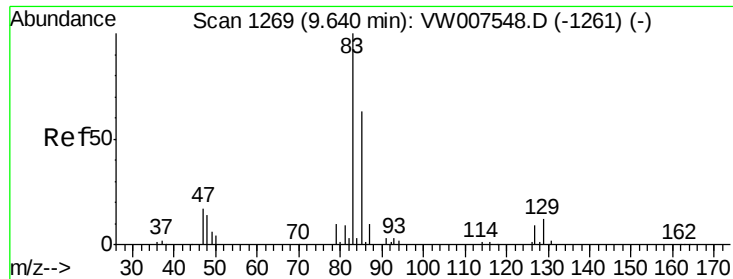
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#46
 Dibromomethane
 Concen: 21.646 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Tgt Ion: 93 Resp: 8872
 Ion Ratio Lower Upper
 93 100
 95 81.9 68.0 102.0
 174 103.1 83.2 124.8





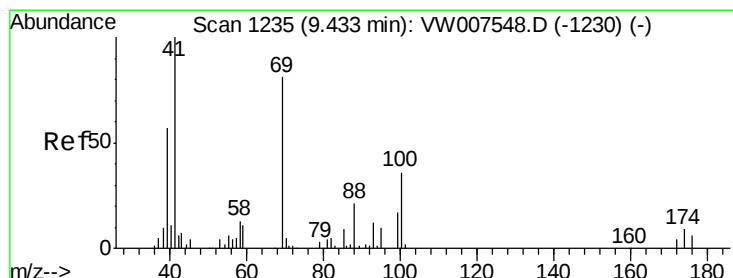
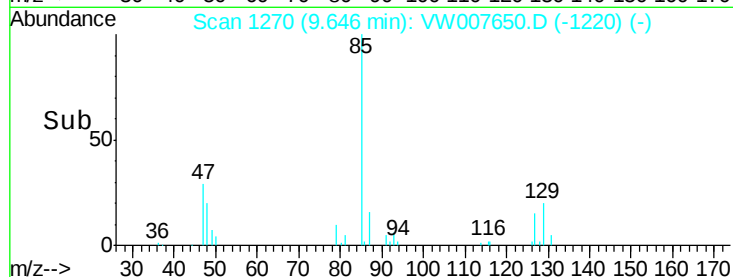
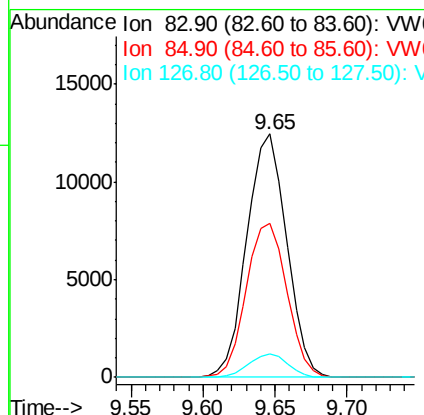
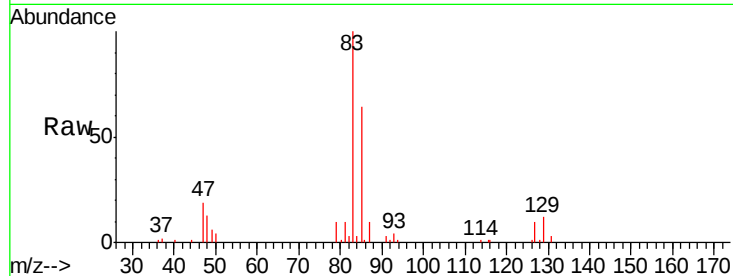
#47
Bromodichloromethane
Concen: 22.202 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	23869		
85	63.5	47.6	71.4	
127	9.7	6.7	10.1	

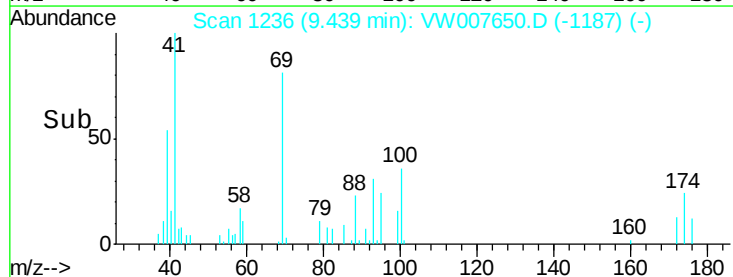
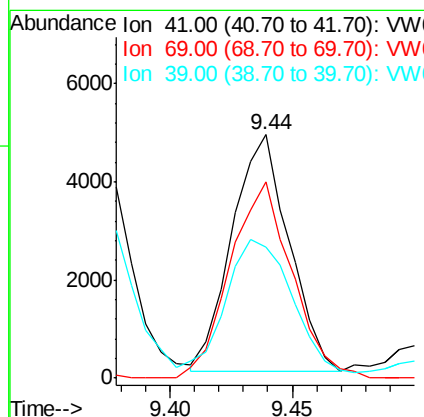
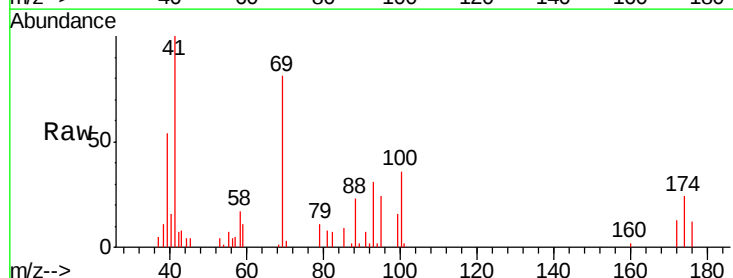
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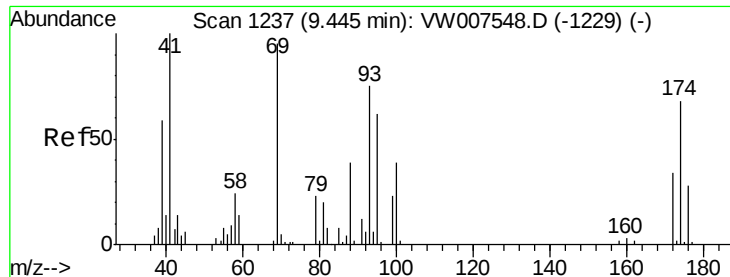
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#48
Methyl methacrylate
Concen: 18.458 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	7827		
69	90.1	69.8	104.8	
39	65.0	50.9	76.3	





#49

1,4-Dioxane

Concen: 413.210 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW007650.D

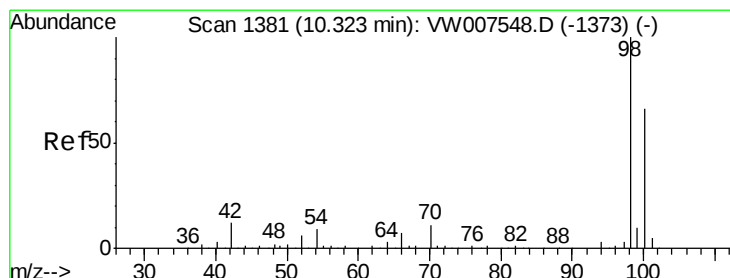
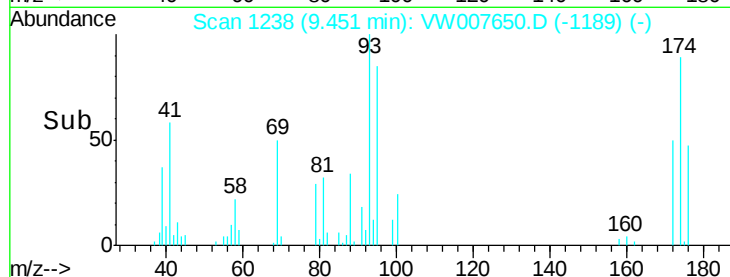
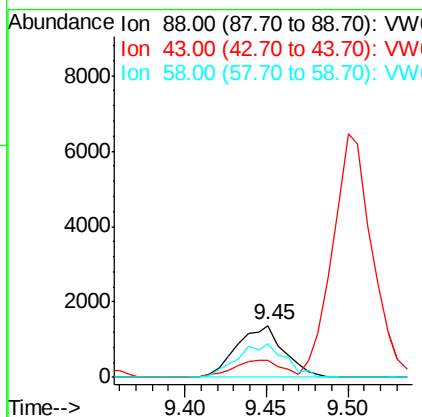
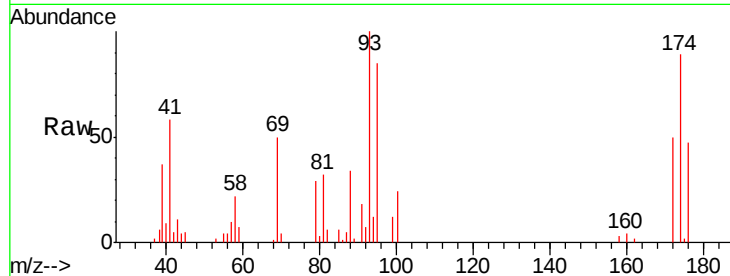
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion:	88	Resp:	2748
Ion	Ratio	Lower	Upper
88	100		
43	34.7	25.0	37.4
58	65.5	51.4	77.2

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#50

Toluene-d8

Concen: 51.475 ug/l

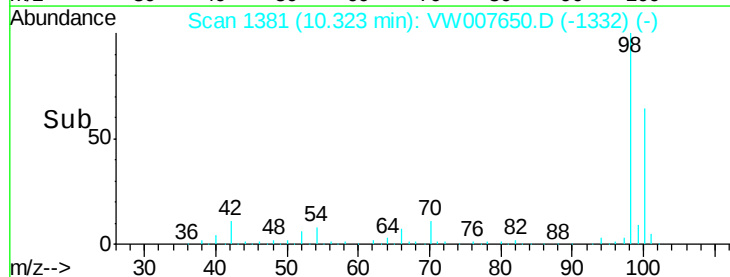
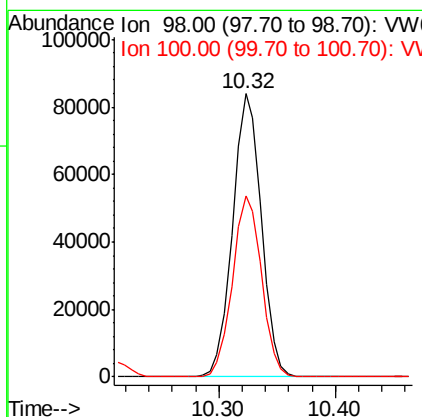
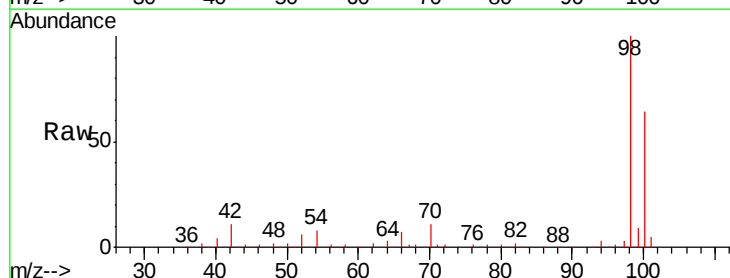
RT: 10.32 min Scan# 1381

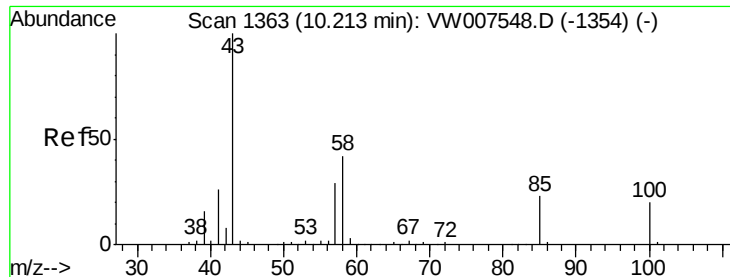
Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Tgt Ion:	98	Resp:	143934
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8





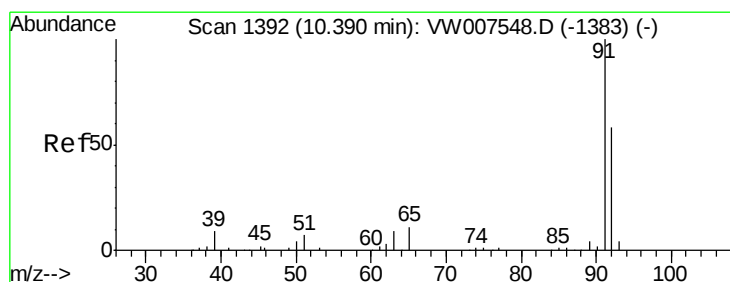
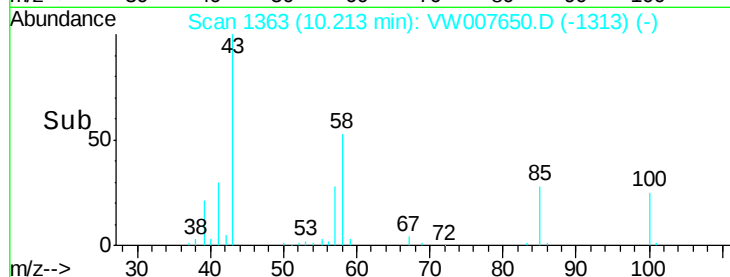
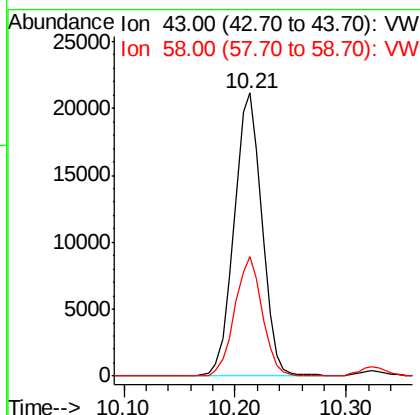
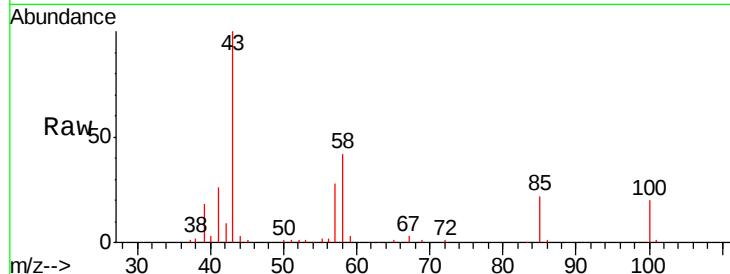
#51
4-Methyl-2-Pentanone
Concen: 93.458 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion: 43 Resp: 36461
Ion Ratio Lower Upper
43 100
58 41.8 33.1 49.7

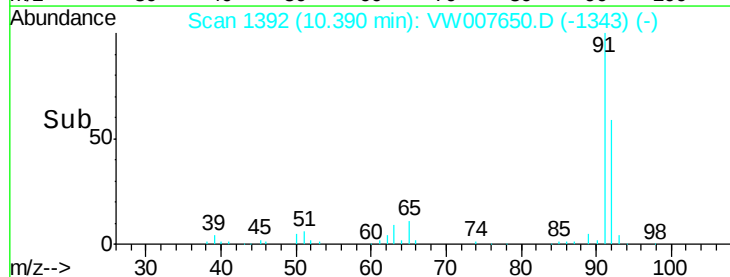
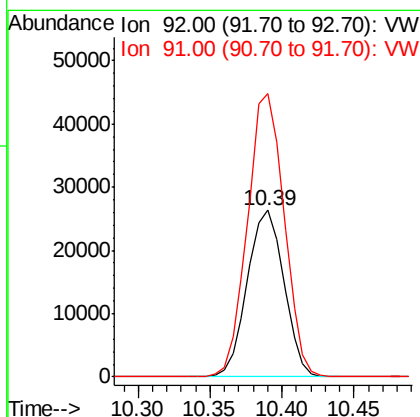
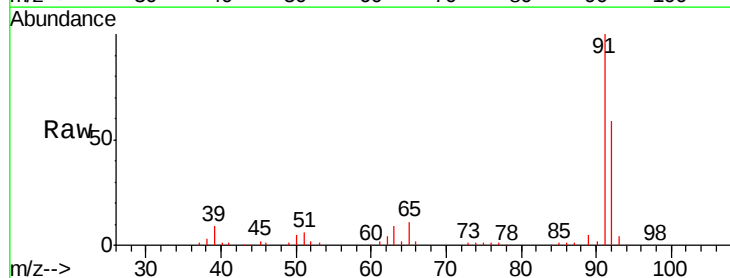
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#52
Toluene
Concen: 23.037 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion: 92 Resp: 46498
Ion Ratio Lower Upper
92 100
91 169.8 136.2 204.2





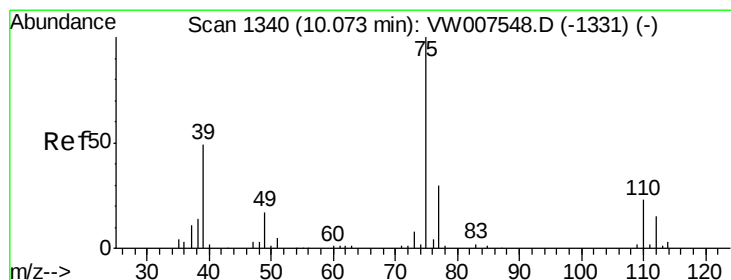
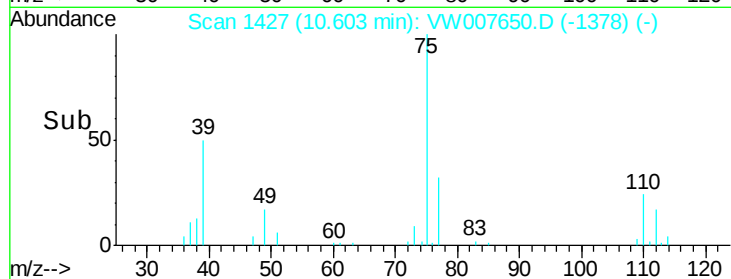
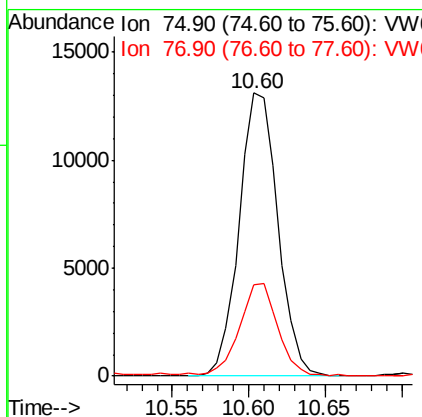
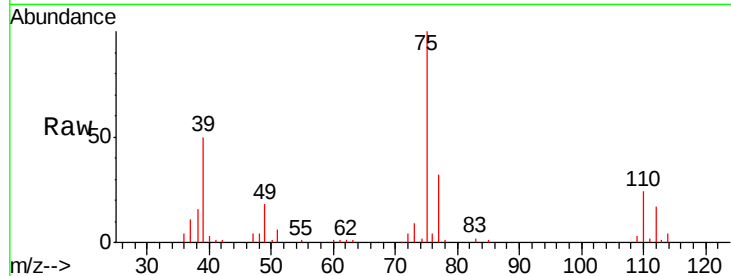
#53
 t-1,3-Dichloropropene
 Concen: 22.086 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion: 75 Resp: 23052
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.2 39.4

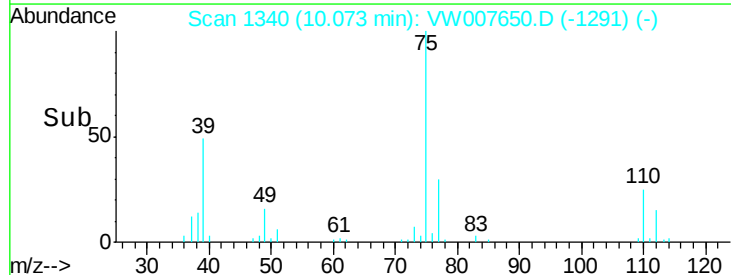
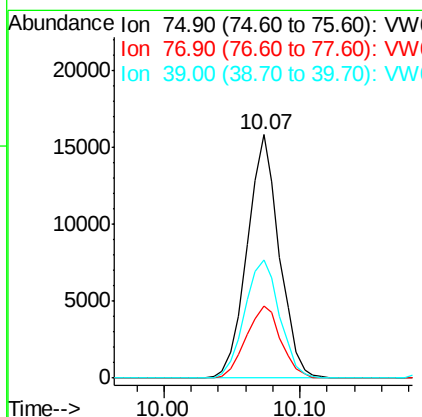
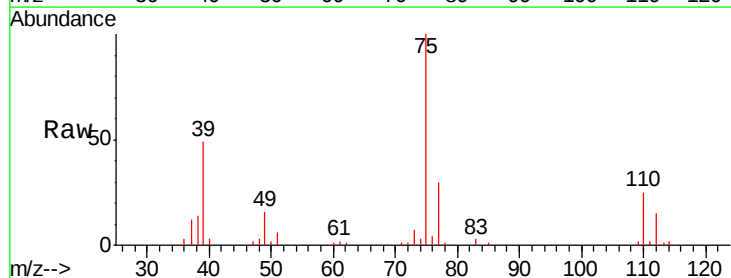
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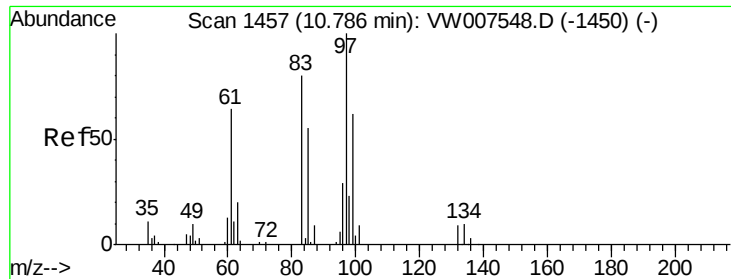
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#54
 cis-1,3-Dichloropropene
 Concen: 21.696 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Tgt Ion: 75 Resp: 26178
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.8 37.2
 39 48.5 40.9 61.3





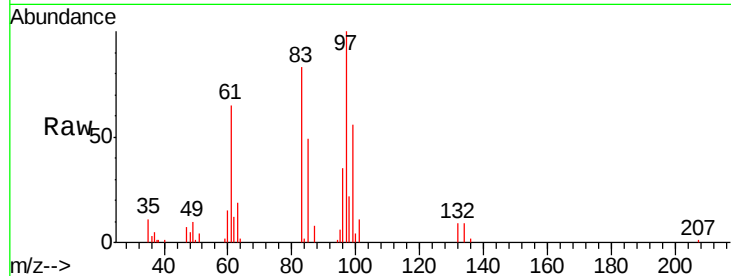
#55
 1,1,2-Trichloroethane
 Concen: 22.462 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	62.1	93.1
85	49.2	44.2	66.4
99	55.5	50.2	75.4

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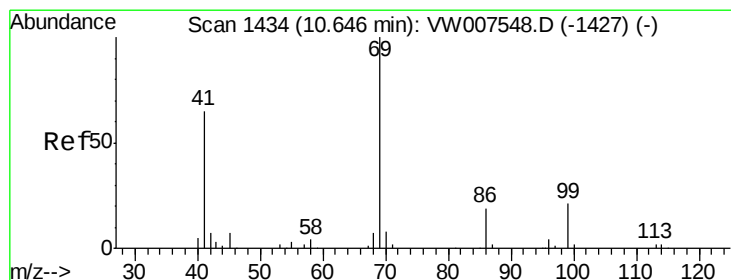
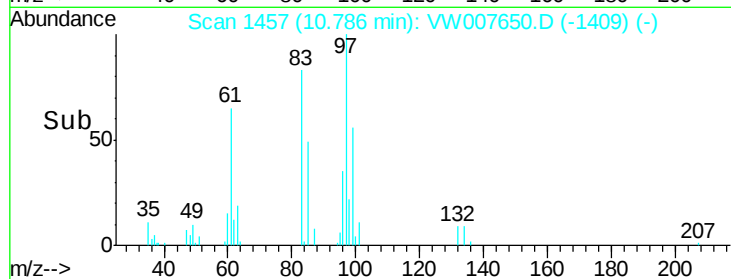
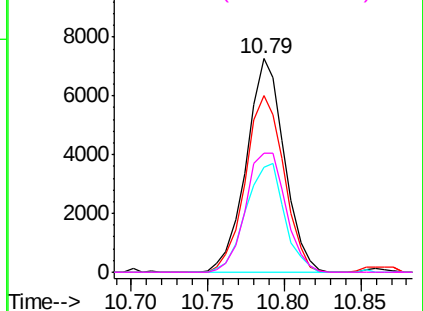


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



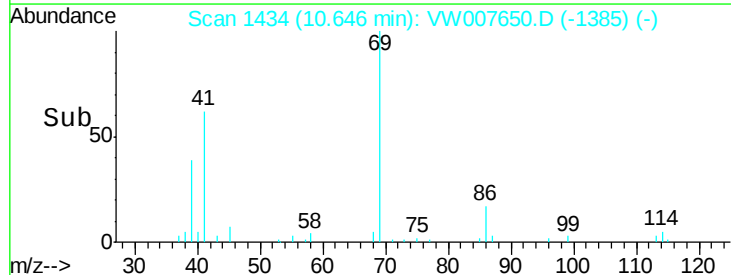
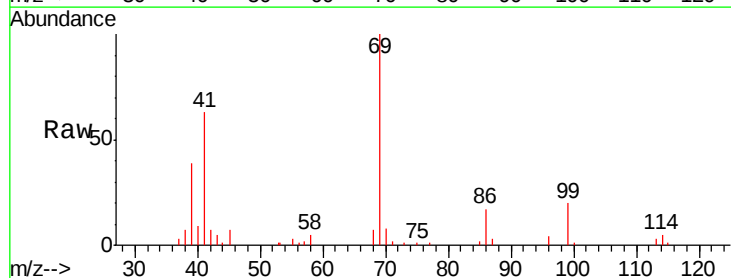
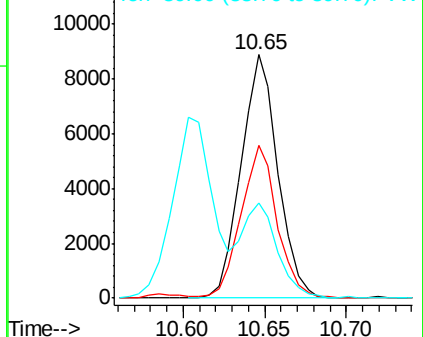
#56
 Ethyl methacrylate
 Concen: 20.740 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

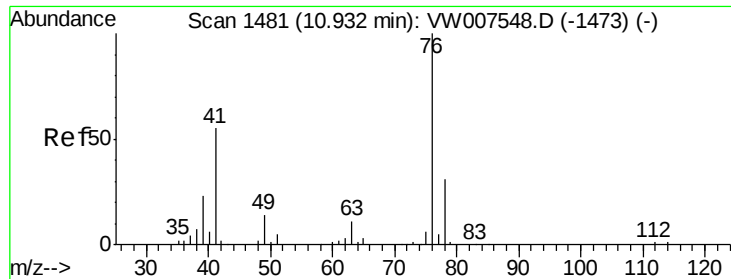
Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.3	51.0	76.6
39	38.4	30.8	46.2

Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





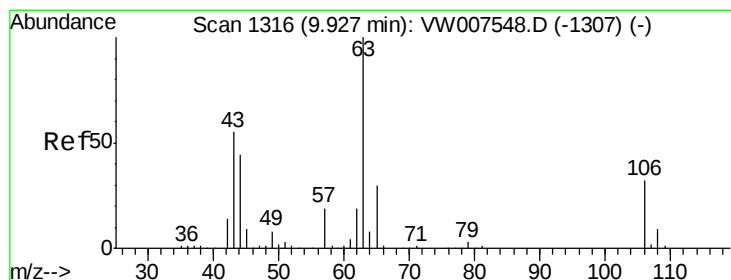
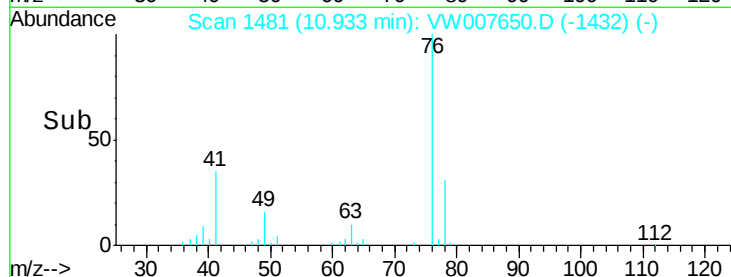
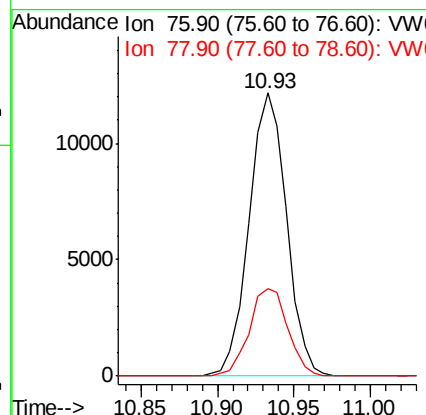
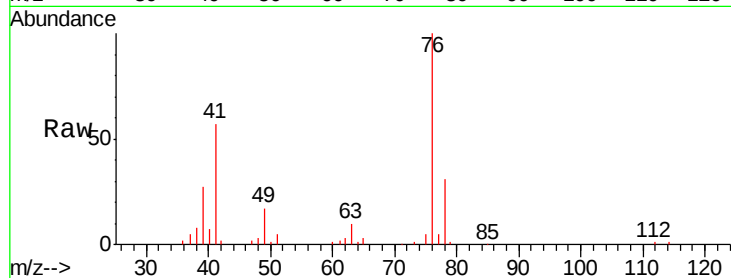
#57
 1,3-Dichloropropane
 Concen: 22.632 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion: 76 Resp: 20722
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.4

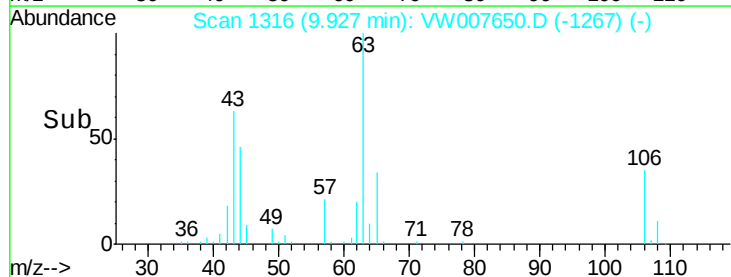
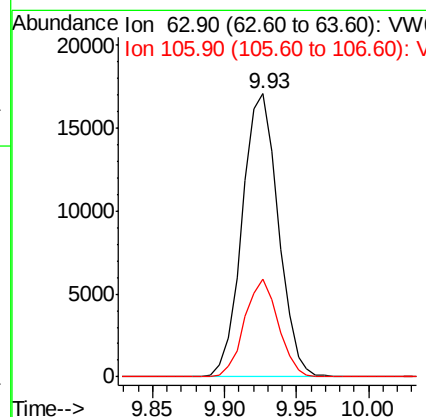
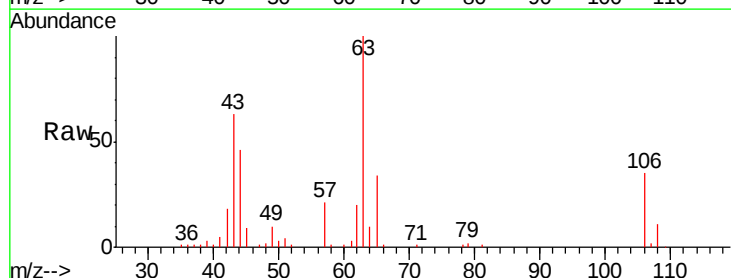
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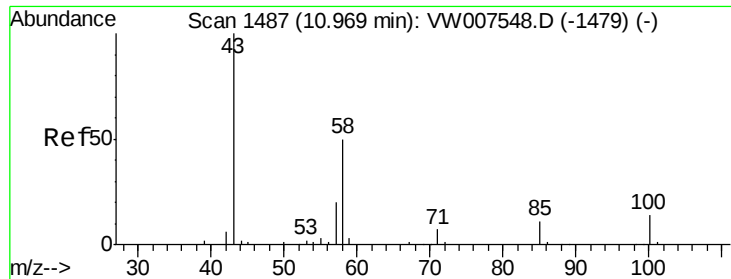
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.036 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Tgt Ion: 63 Resp: 29694
 Ion Ratio Lower Upper
 63 100
 106 32.2 25.0 37.6





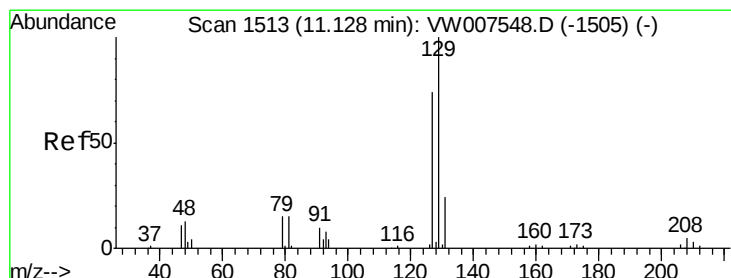
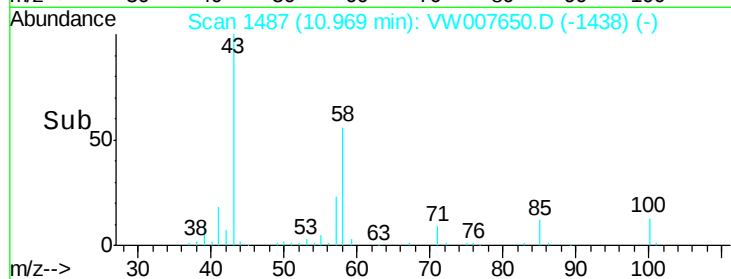
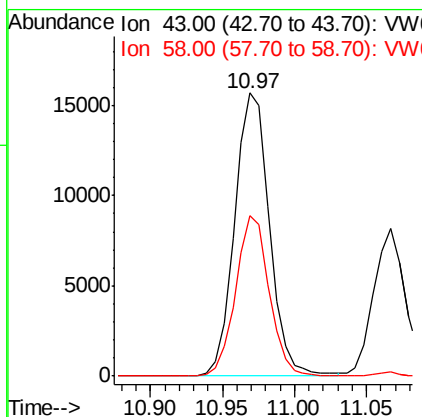
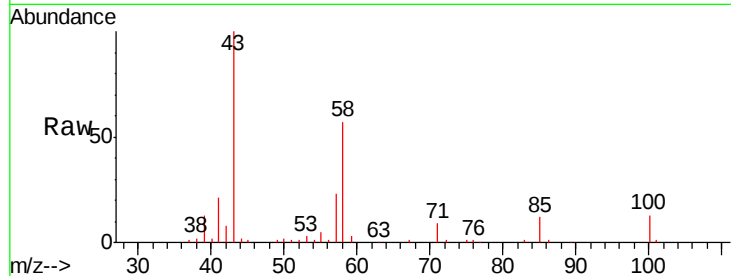
#59
2-Hexanone
Concen: 101.238 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion: 43 Resp: 26336
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3

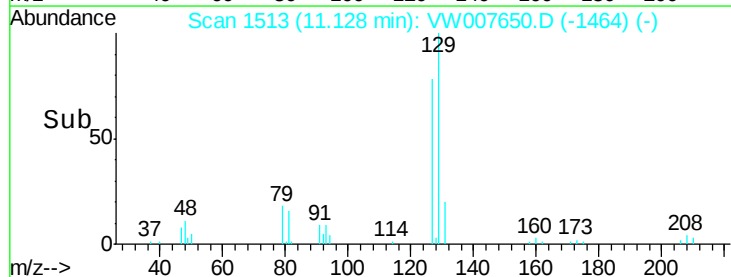
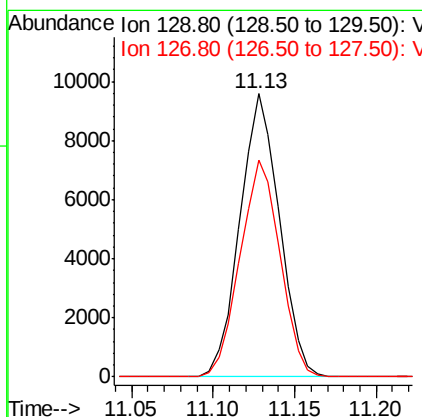
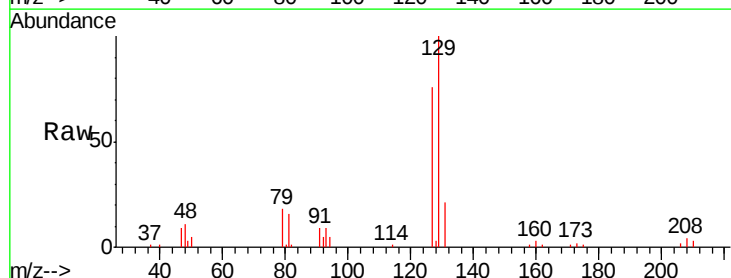
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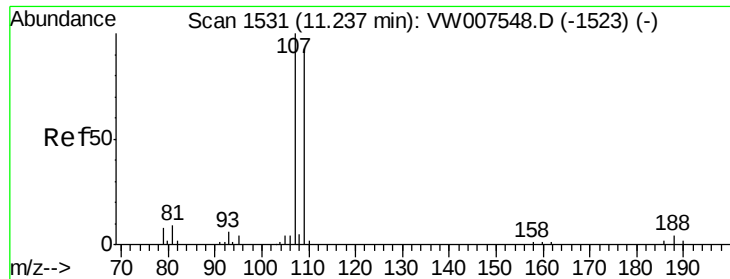
apatel
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#60
Dibromochloromethane
Concen: 22.977 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion: 129 Resp: 16175
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





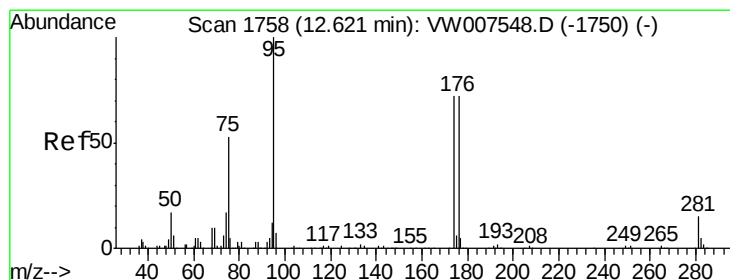
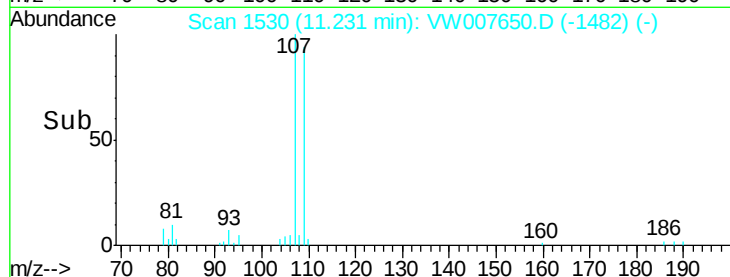
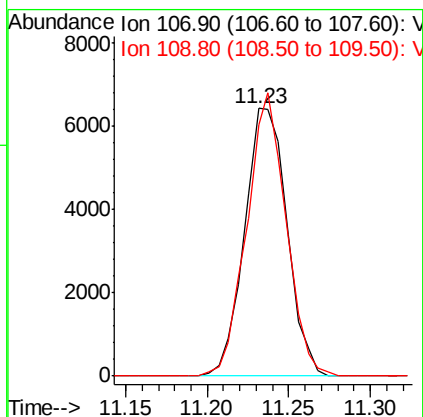
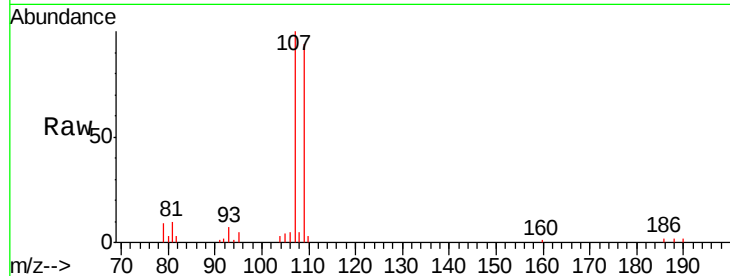
#61
1,2-Dibromoethane
Concen: 21.099 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
107	100		
109	97.7	79.1	118.7

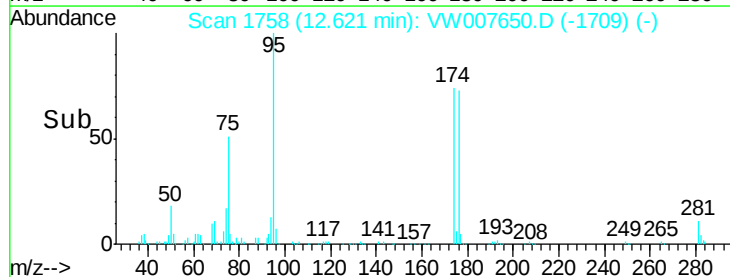
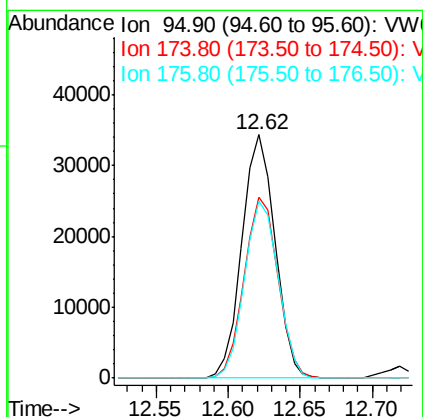
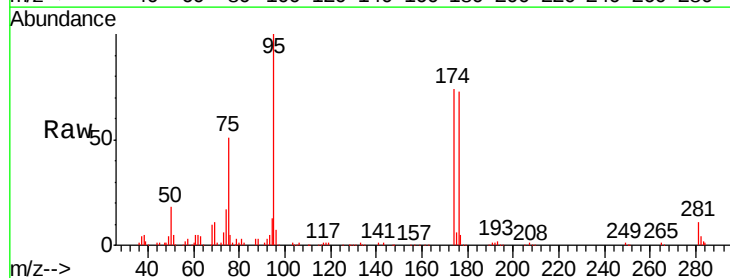
Manual Integrations
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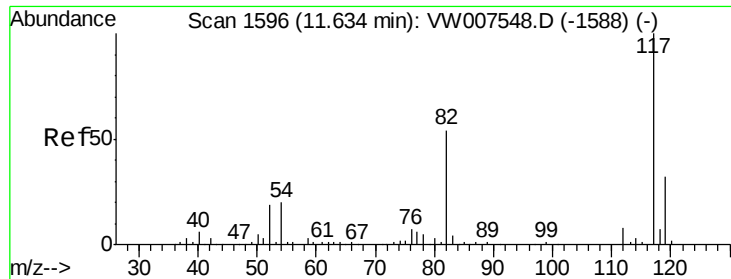
apatel
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#62
4-Bromofluorobenzene
Concen: 53.283 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	147.2
176	73.9	0.0	138.8





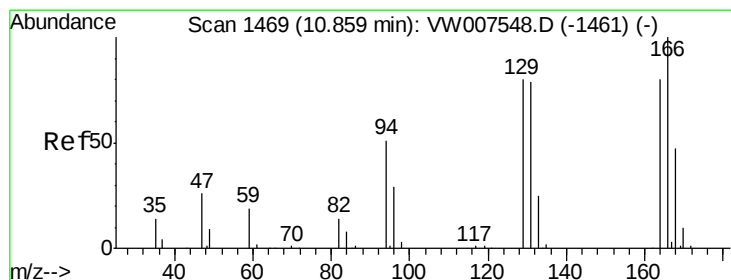
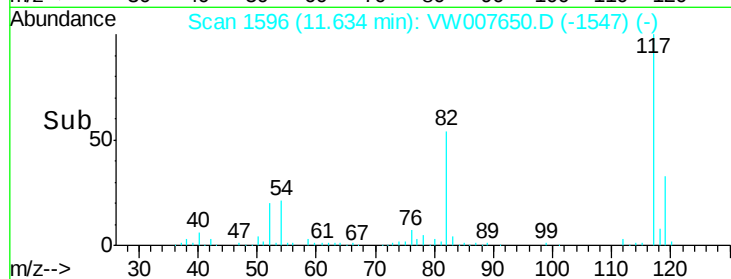
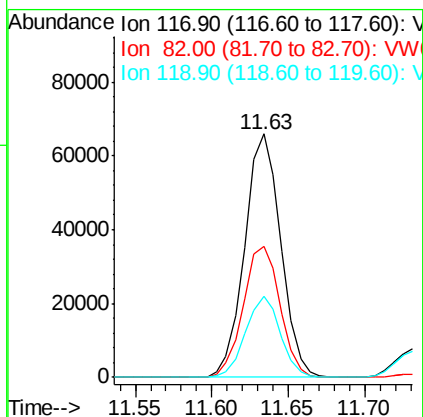
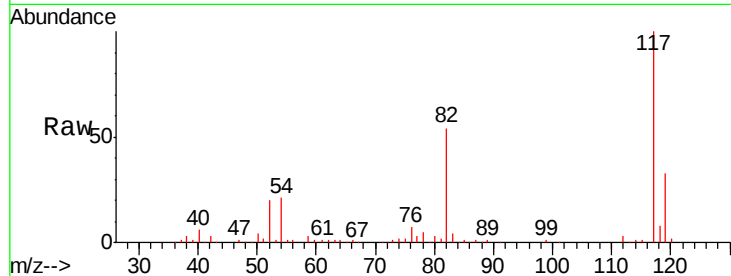
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	108131		
82	54.0	42.3	63.5	
119	33.1	23.0	34.6	

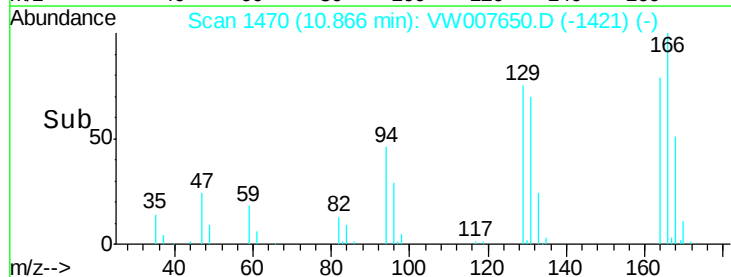
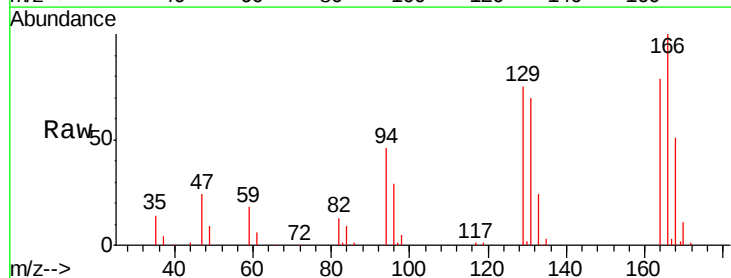
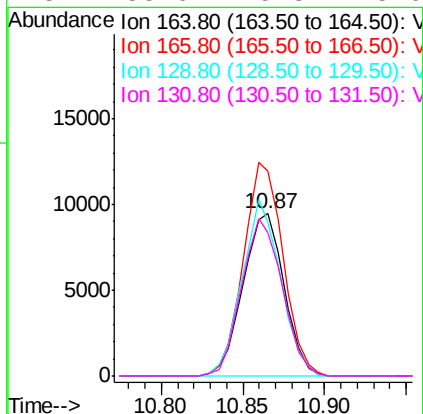
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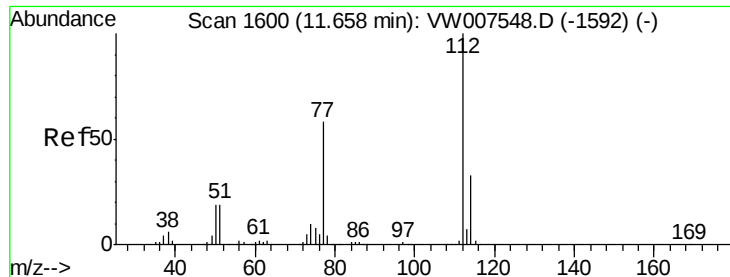
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#64
Tetrachloroethene
Concen: 21.304 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	16566		
166	126.2	107.9	161.9	
129	94.5	73.4	110.2	
131	88.6	75.8	113.6	





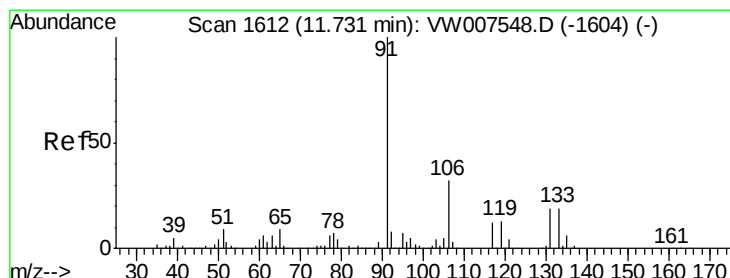
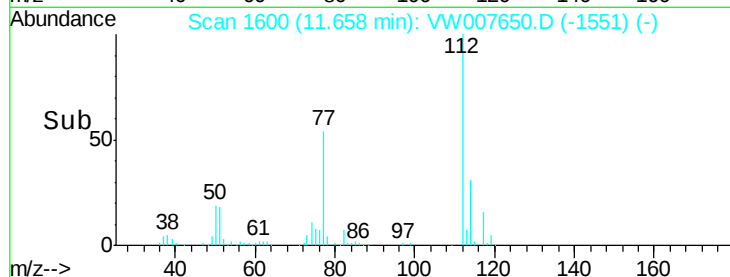
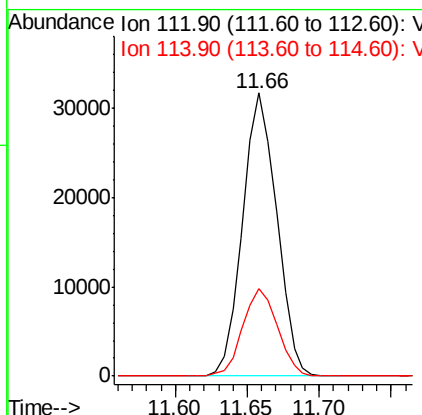
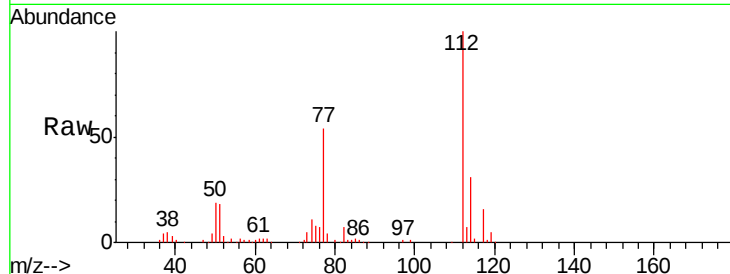
#65
Chlorobenzene
Concen: 23.063 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion:112 Resp: 51980
Ion Ratio Lower Upper
112 100
114 31.0 27.8 41.8

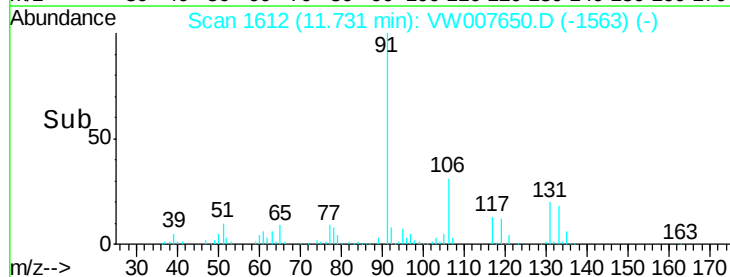
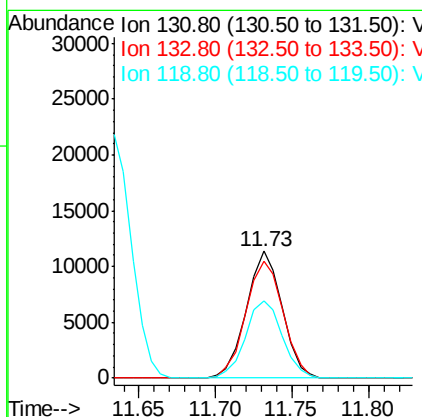
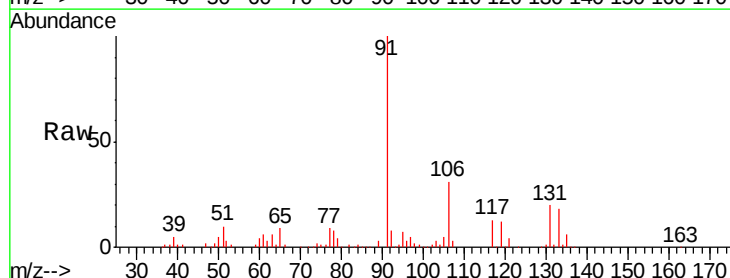
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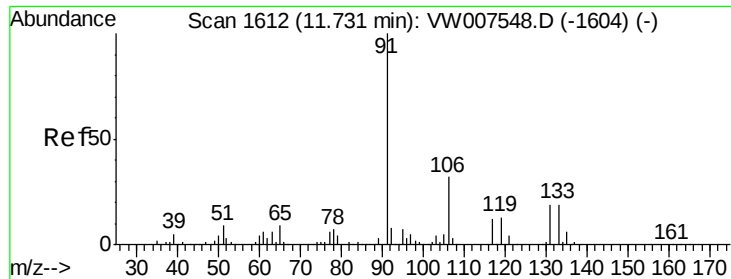
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.248 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion:131 Resp: 18454
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.4
119 62.8 31.3 93.9





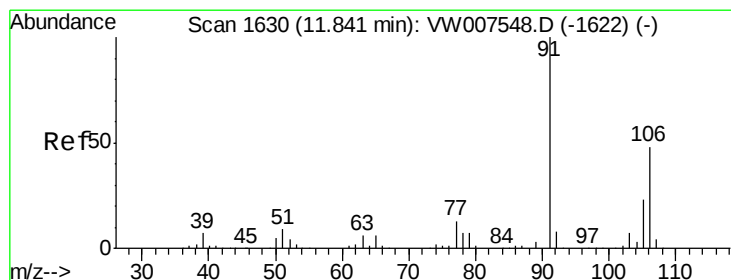
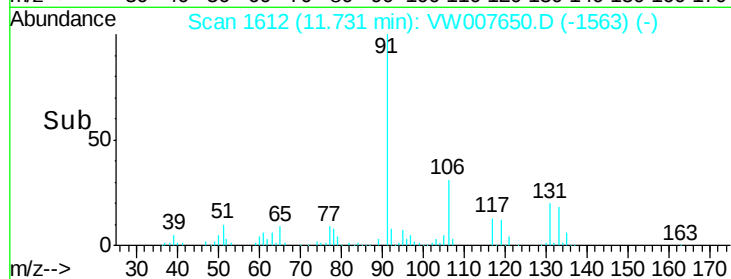
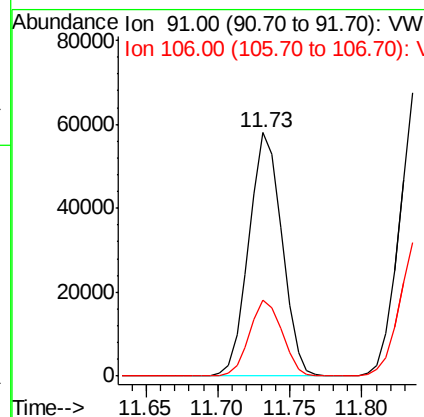
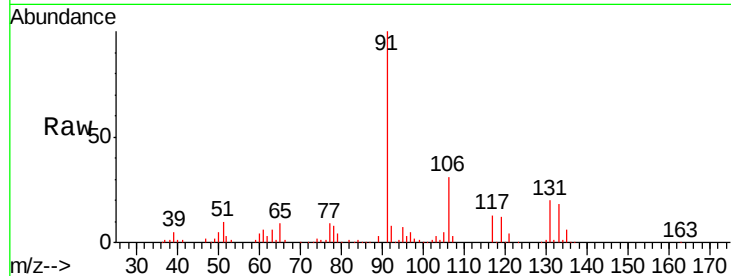
#67
Ethyl Benzene
Concen: 23.735 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion: 91 Resp: 91971
Ion Ratio Lower Upper
91 100
106 31.1 21.8 32.8

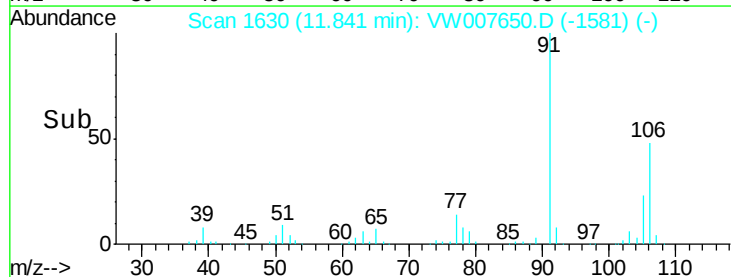
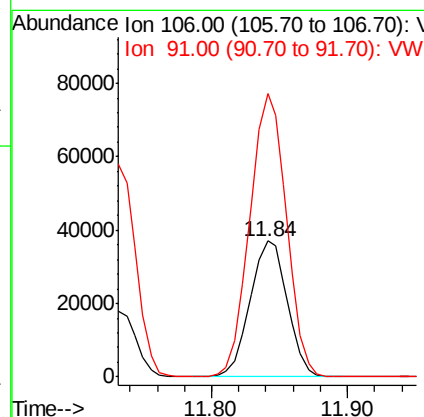
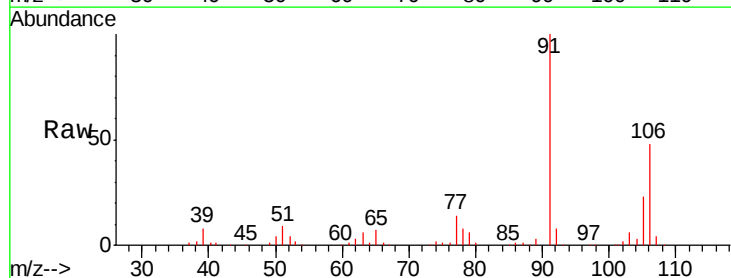
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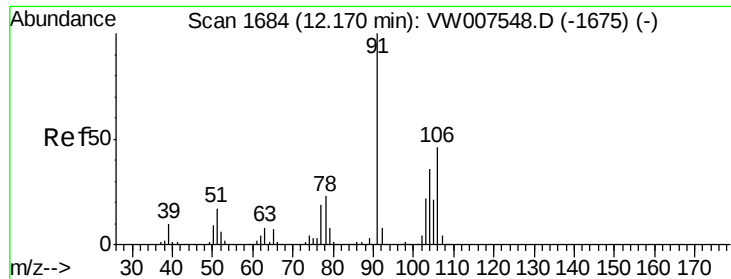
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#68
m/p-Xylenes
Concen: 47.062 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion: 106 Resp: 70894
Ion Ratio Lower Upper
106 100
91 205.4 165.3 247.9





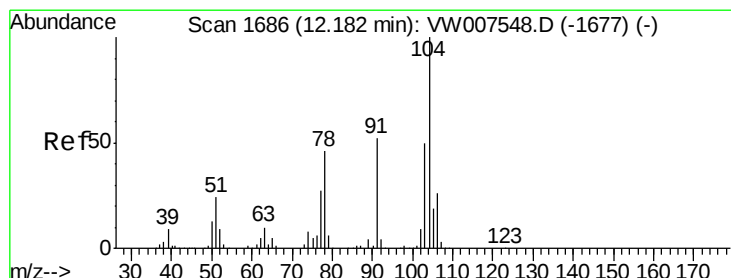
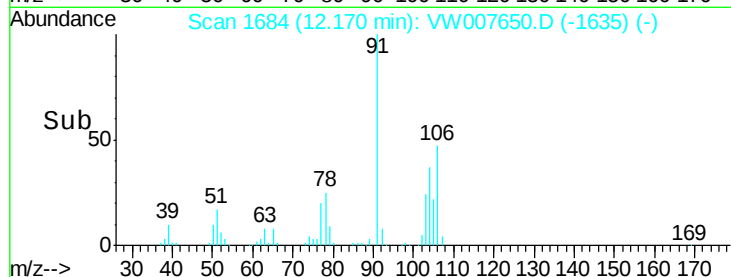
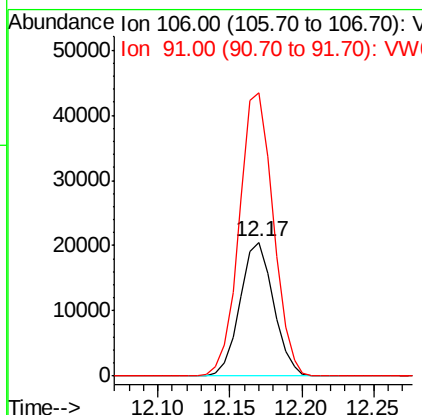
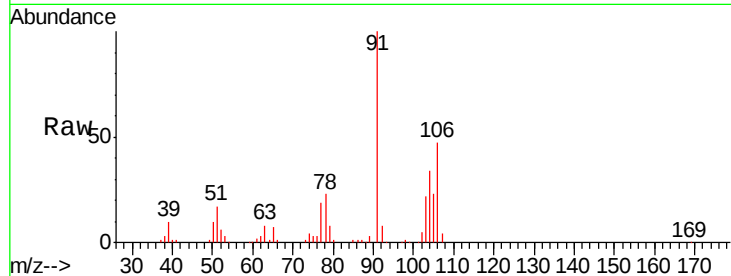
#69
o-Xylene
Concen: 23.536 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion:106 Resp: 33112
Ion Ratio Lower Upper
106 100
91 215.0 106.6 319.8

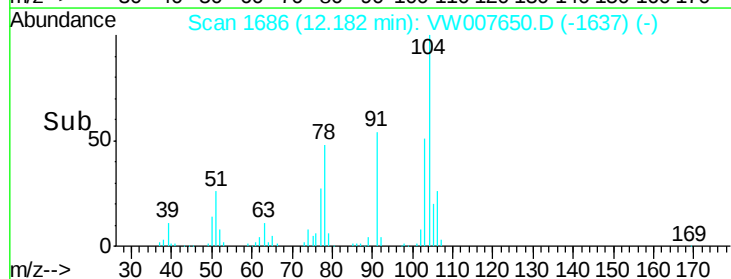
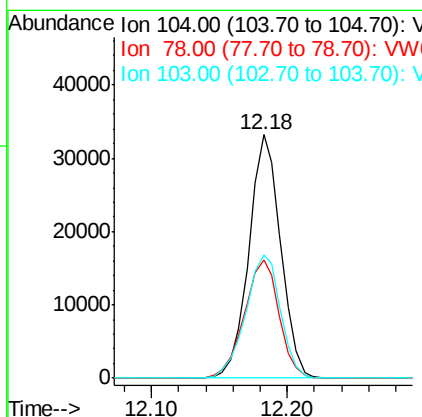
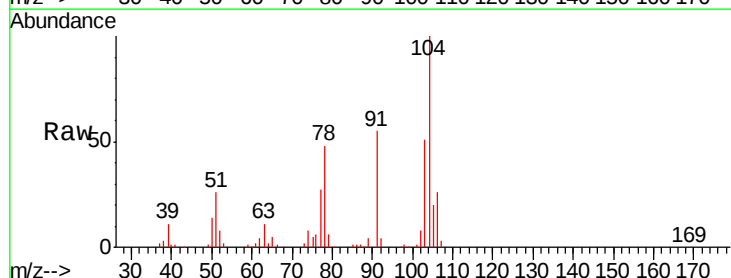
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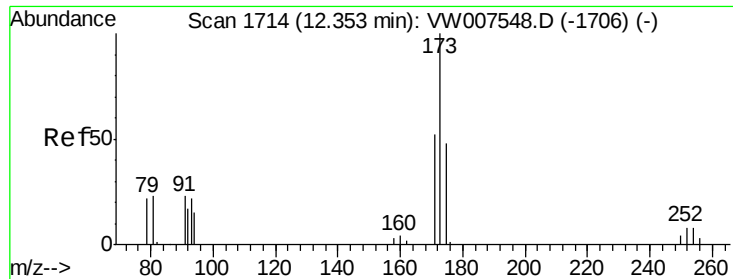
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#70
Styrene
Concen: 23.861 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion:104 Resp: 54222
Ion Ratio Lower Upper
104 100
78 53.3 41.8 62.8
103 55.6 46.6 69.8





#71

Bromoform

Concen: 21.733 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

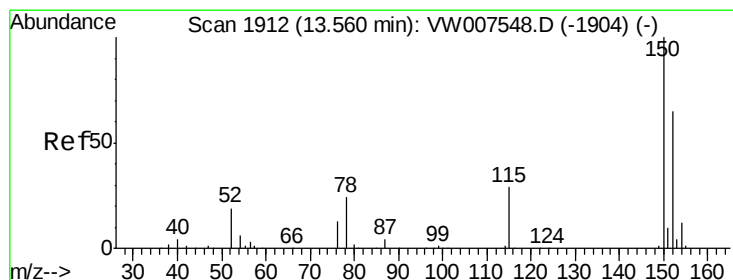
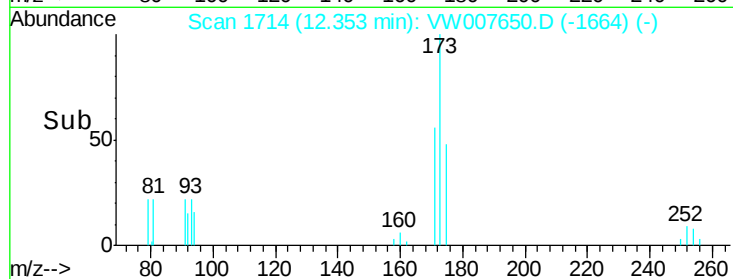
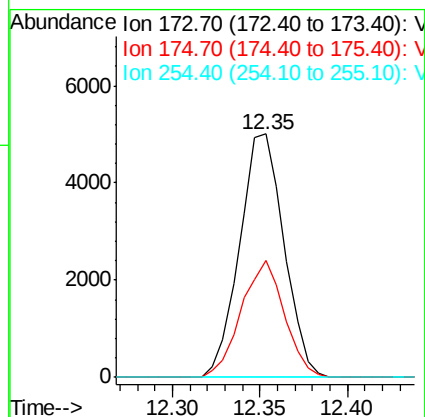
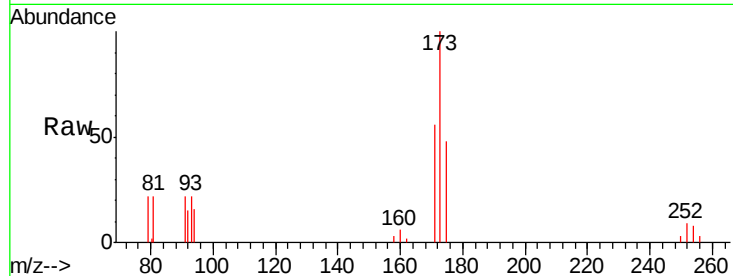
ClientSampleId :

VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.6	23.6	70.8
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

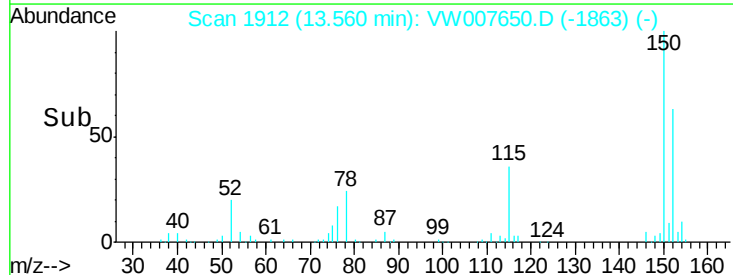
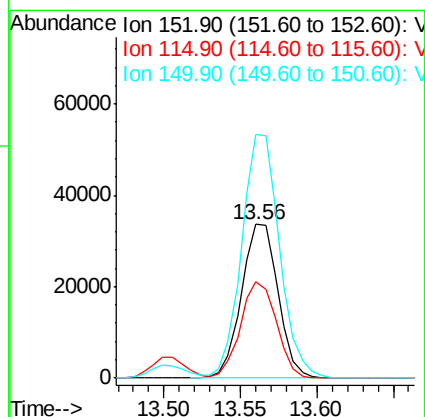
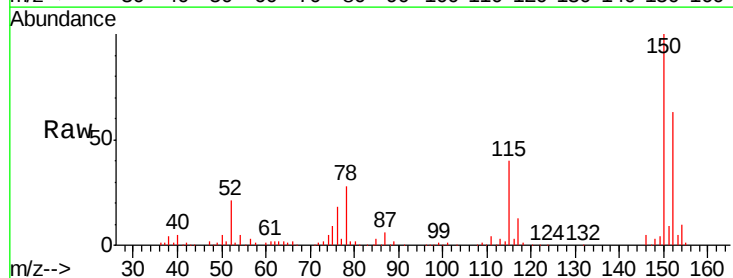
RT: 13.56 min Scan# 1912

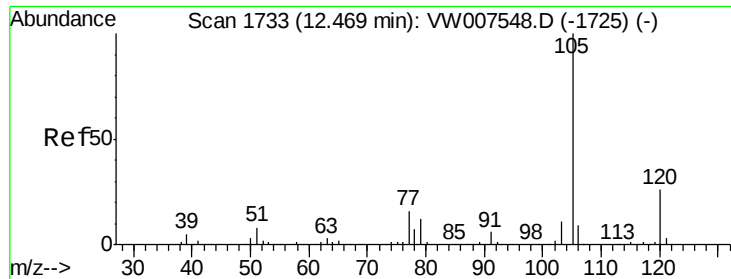
Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.4	94.2
150	164.0	0.0	358.4





#73

Isopropylbenzene

Concen: 22.114 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 105 Resp: 94407

Ion Ratio Lower Upper

105 100

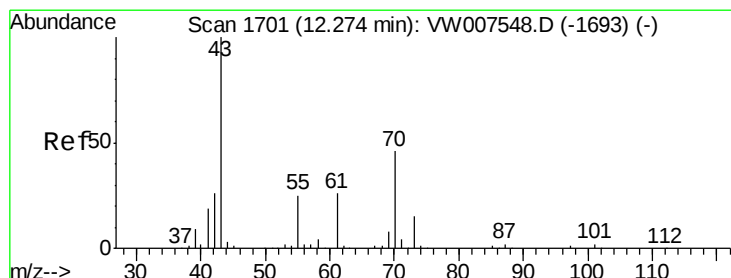
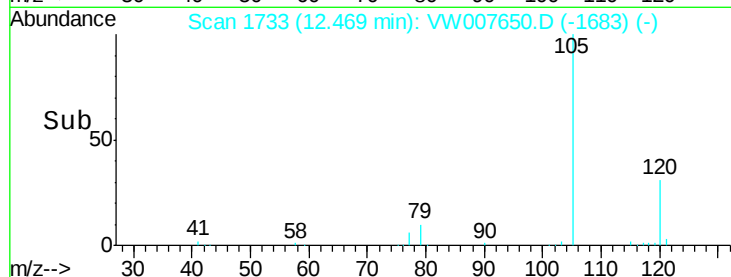
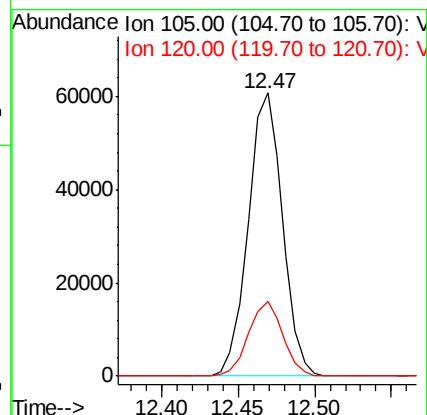
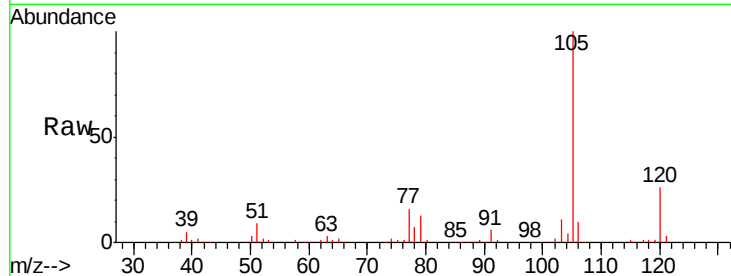
120 26.4 12.8 38.4

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#74

N-ethyl acetate

Concen: 18.292 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Tgt Ion: 43 Resp: 14192

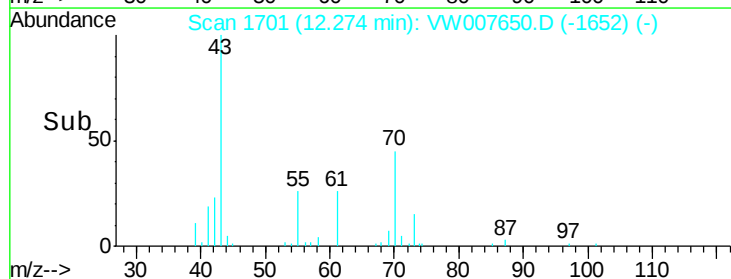
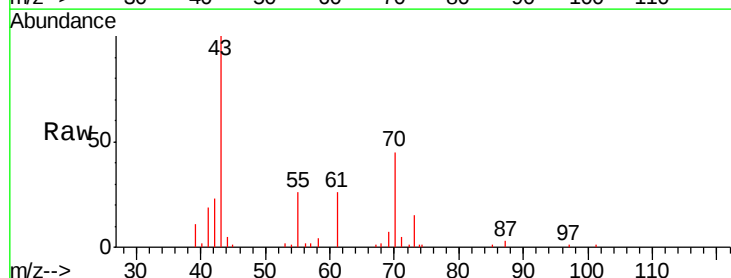
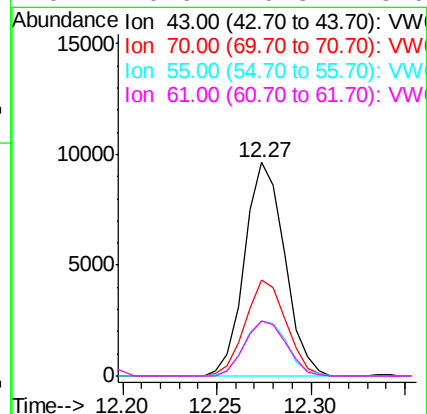
Ion Ratio Lower Upper

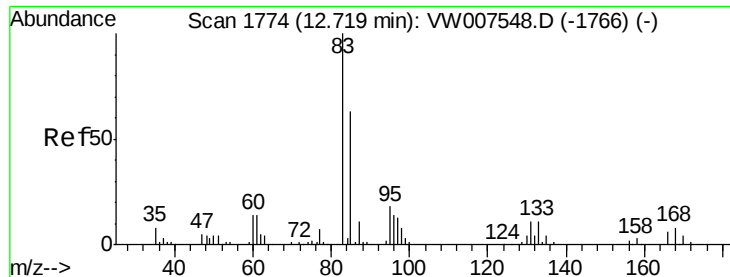
43 100

70 45.7 36.5 54.7

55 27.5 20.1 30.1

61 26.6 19.3 28.9





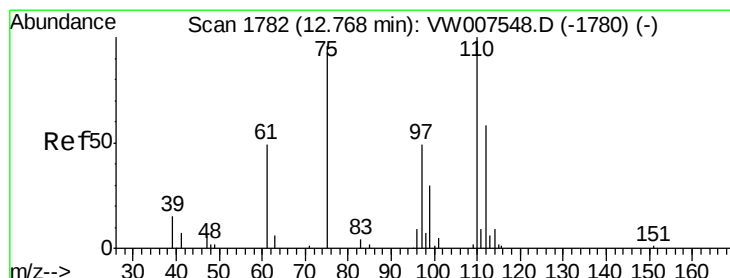
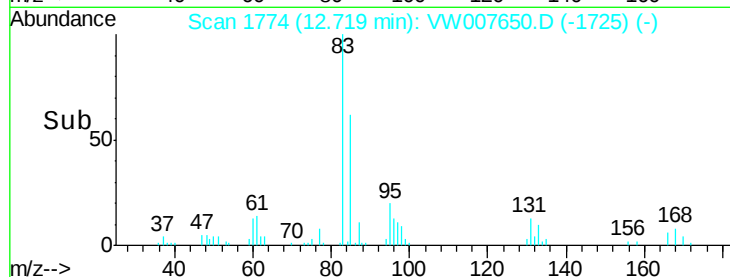
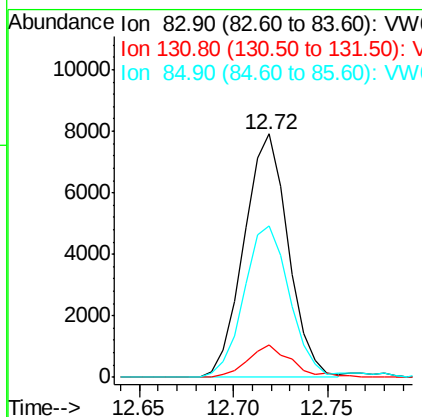
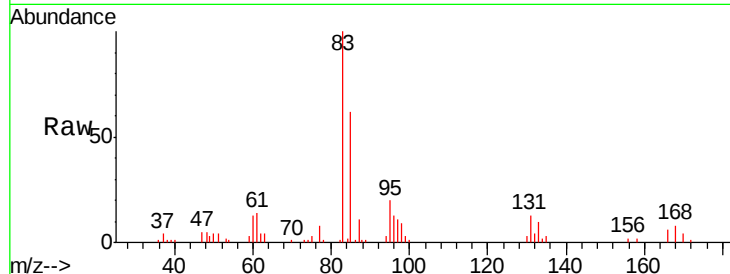
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.423 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	13.1	5.9	17.8
85	64.1	30.0	90.0

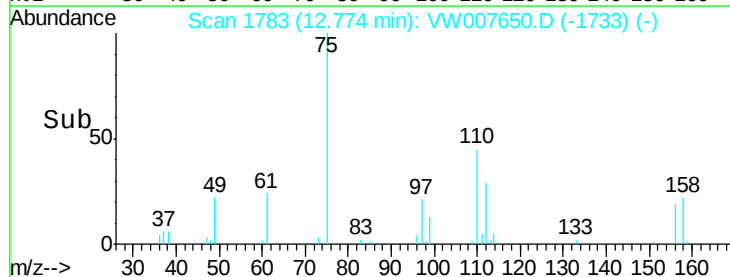
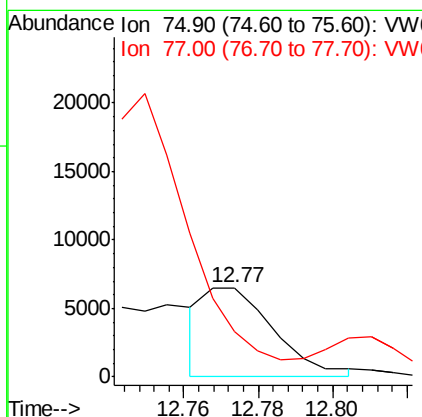
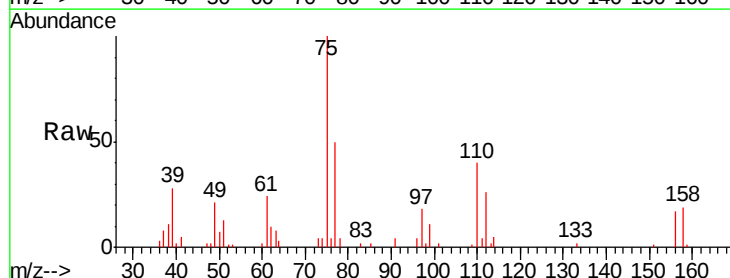
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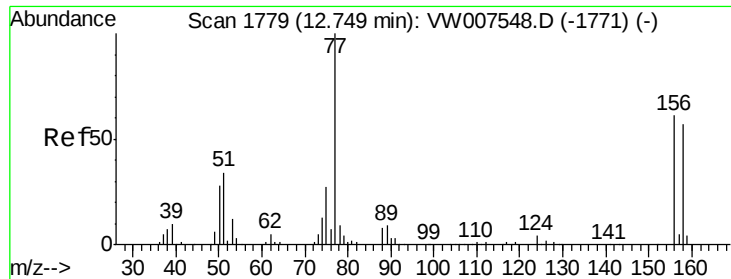
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#76
 1,2,3-Trichloropropane
 Concen: 18.490 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	166.9	500.8#





#77

Bromobenzene

Concen: 21.958 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

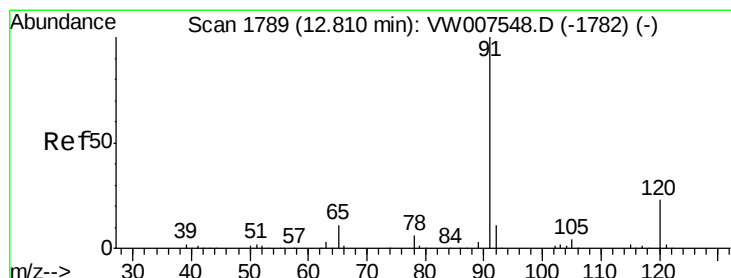
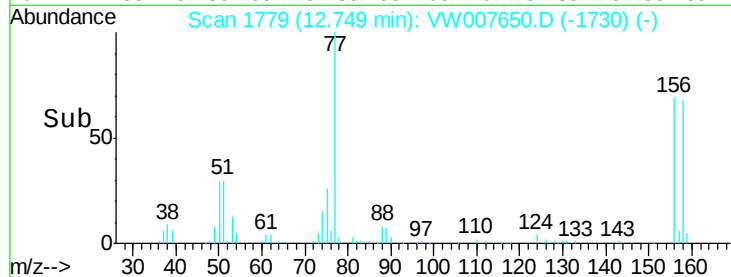
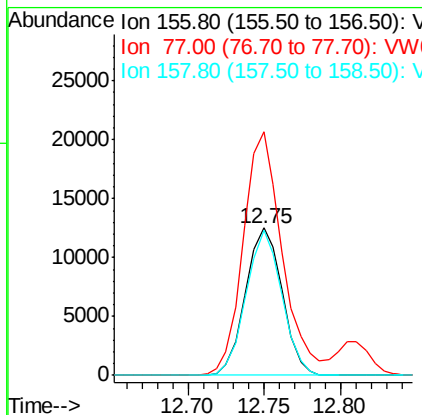
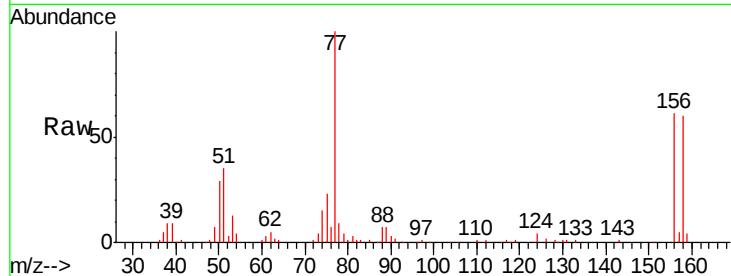
ClientSampleId :

VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	175.2	88.1	264.4
158	96.3	45.6	136.7

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#78

n-propylbenzene

Concen: 23.523 ug/l

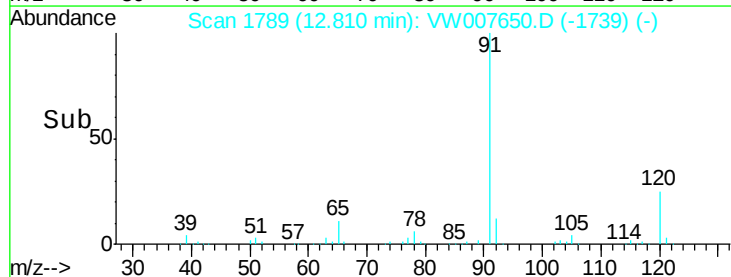
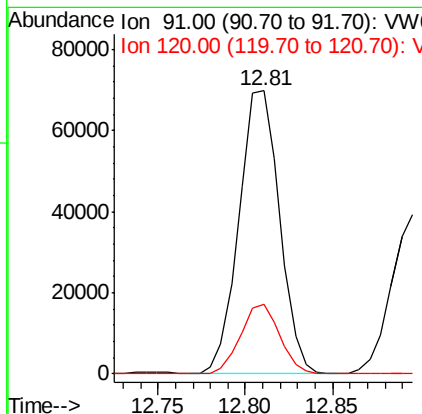
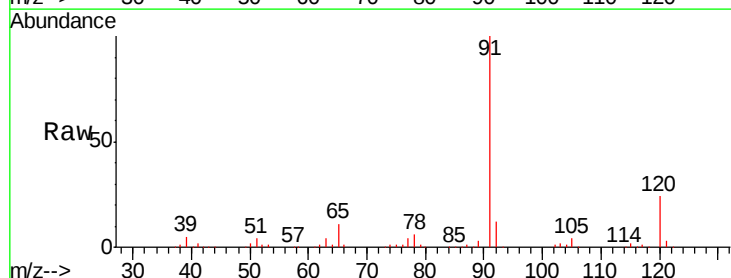
RT: 12.81 min Scan# 1789

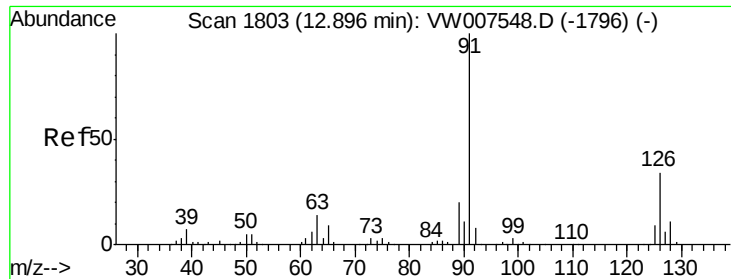
Delta R.T. 0.01 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.5





#79

2-Chlorotoluene

Concen: 22.057 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 91 Resp: 64120

Ion Ratio Lower Upper

91 100

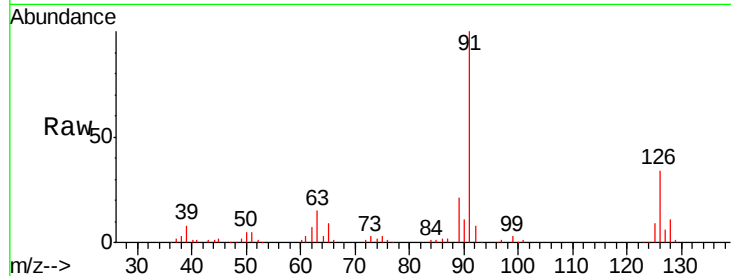
126 34.3 15.9 47.6

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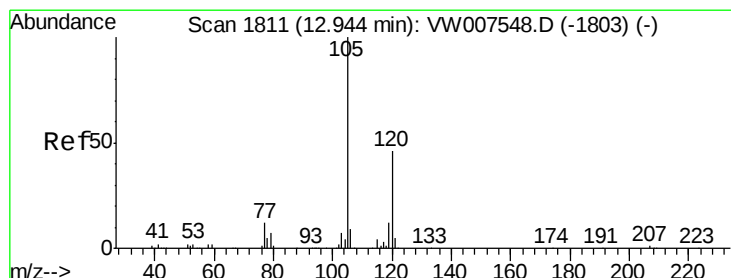
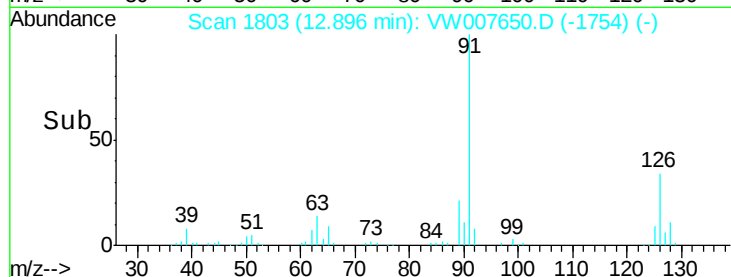
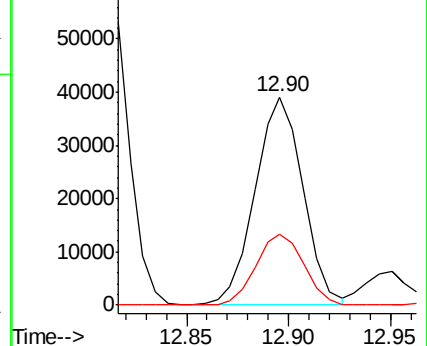
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 23.126 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW007650.D

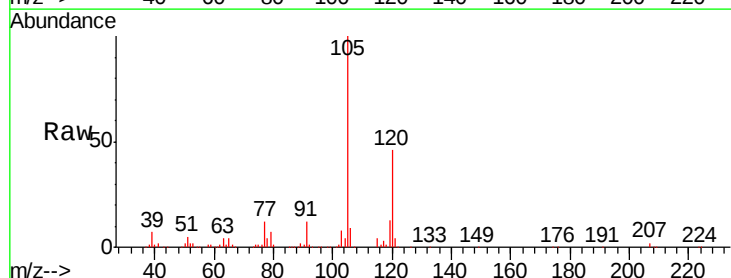
Acq: 18 Dec 2018 11:41

Tgt Ion: 105 Resp: 82955

Ion Ratio Lower Upper

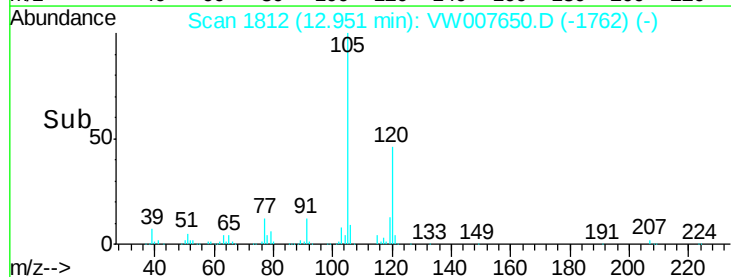
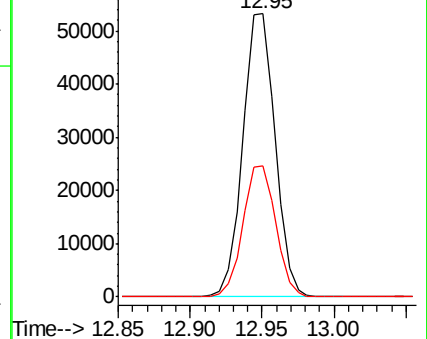
105 100

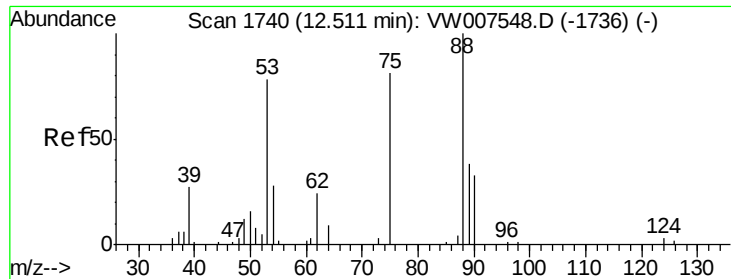
120 46.8 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





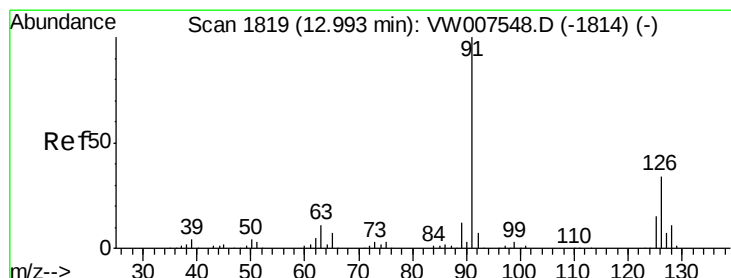
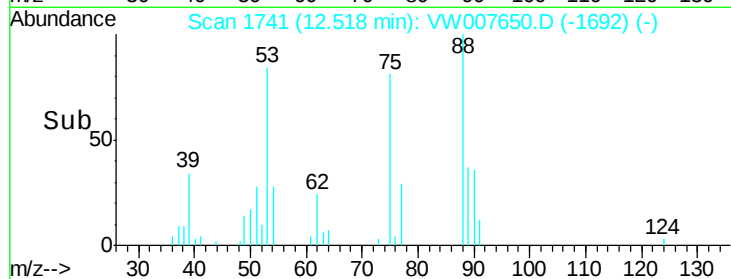
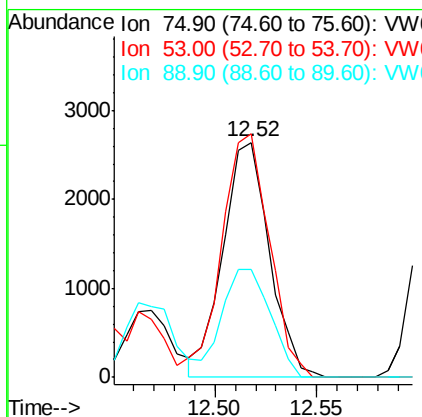
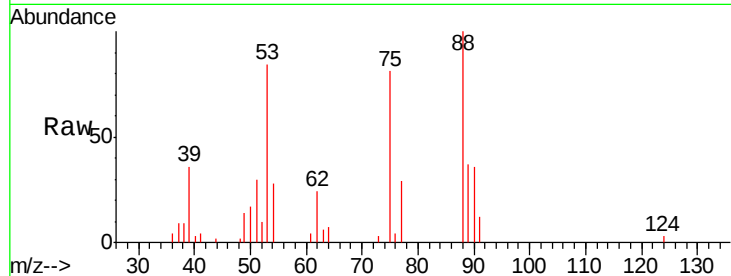
#81
trans-1,4-Dichloro-2-butene
Concen: 20.067 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.7	84.9	127.3
89	47.0	40.3	60.5

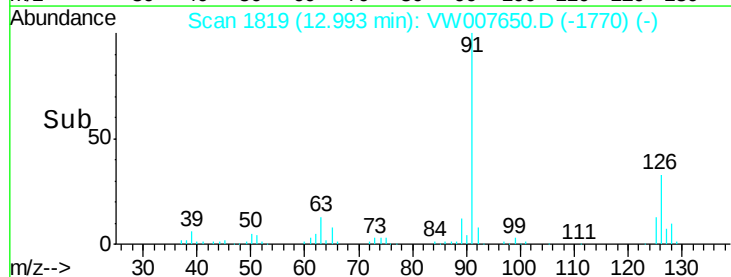
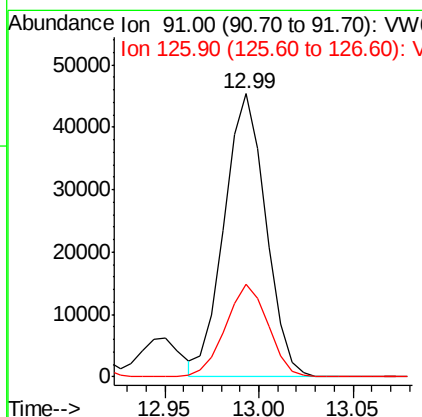
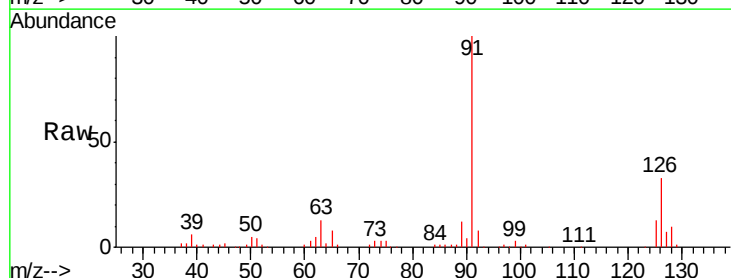
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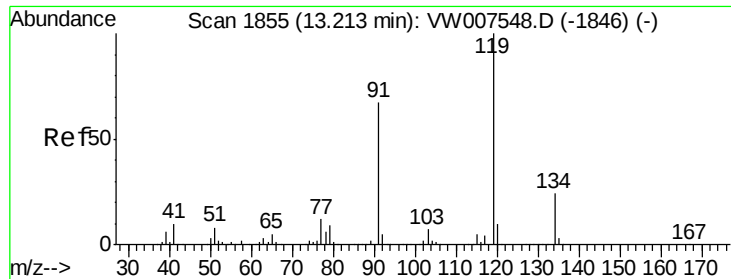
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#82
4-Chlorotoluene
Concen: 22.672 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.0	48.0





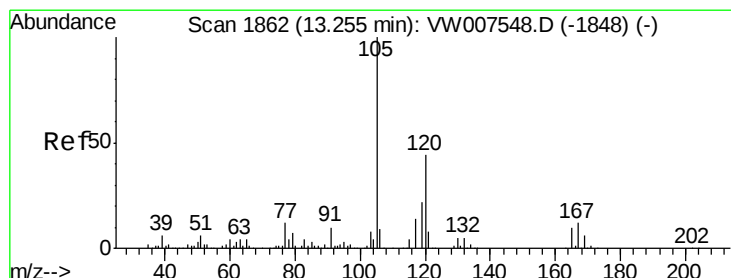
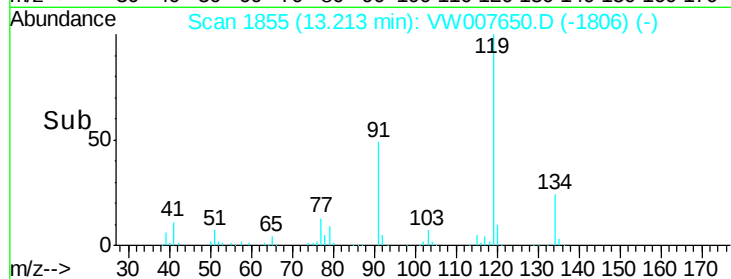
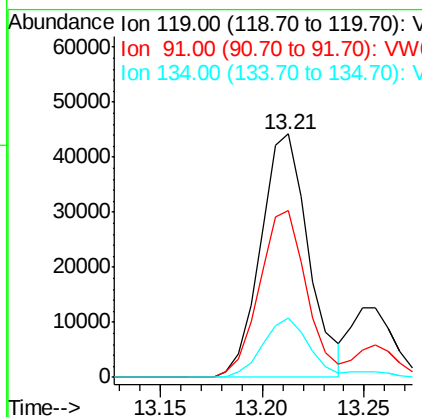
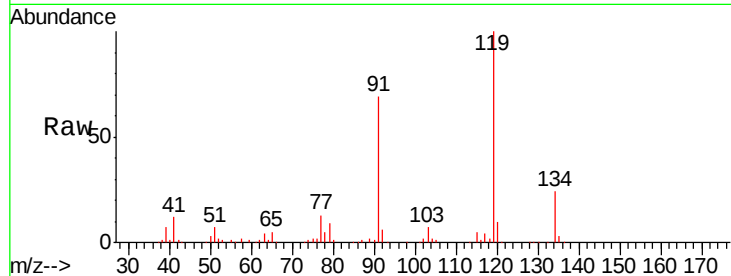
#83
tert-Butylbenzene
Concen: 22.897 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.2	33.1	99.2
134	23.7	12.5	37.5

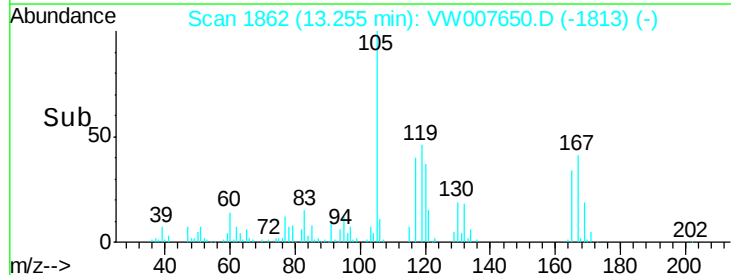
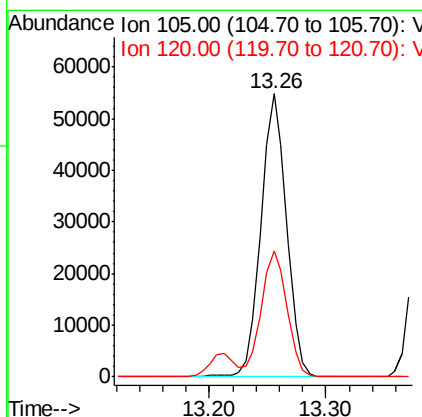
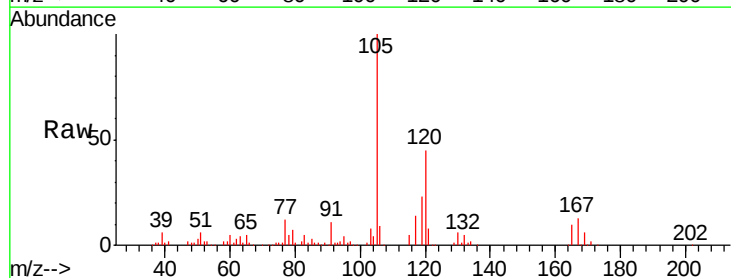
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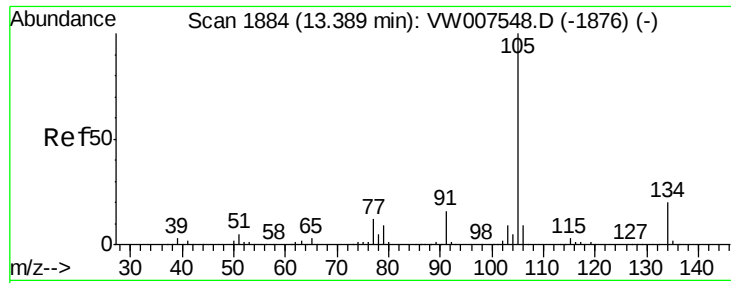
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#84
1,2,4-Trimethylbenzene
Concen: 22.562 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.7





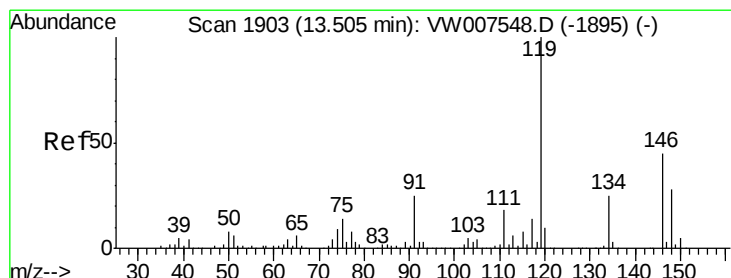
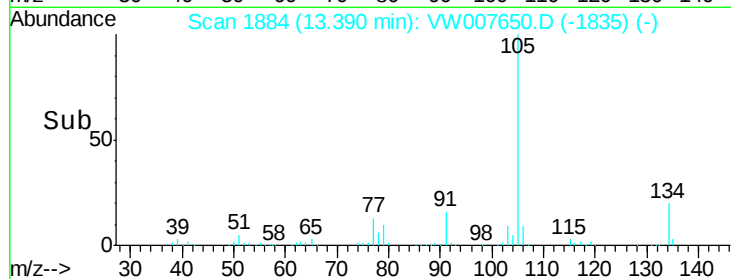
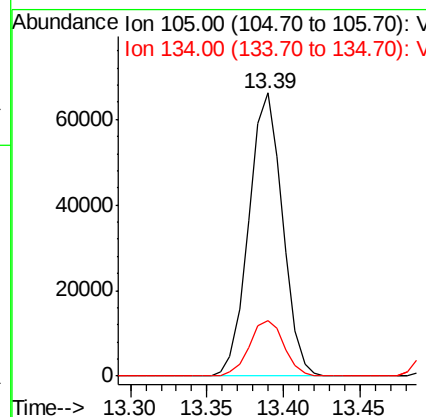
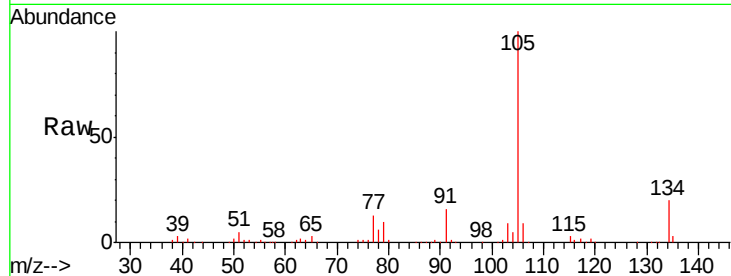
#85
 sec-Butylbenzene
 Concen: 23.512 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion:105 Resp: 101446
 Ion Ratio Lower Upper
 105 100
 134 20.3 11.1 33.3

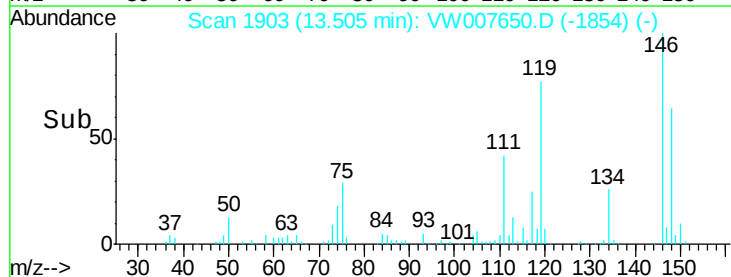
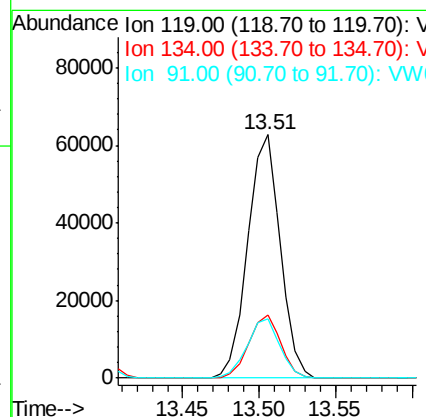
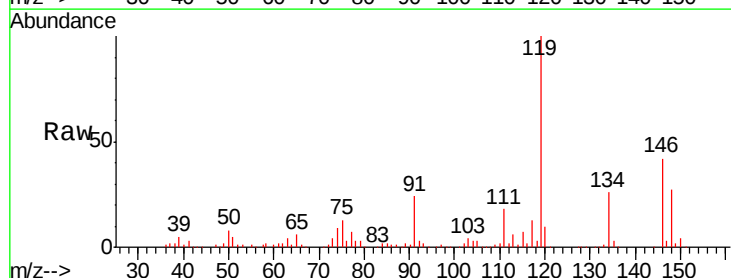
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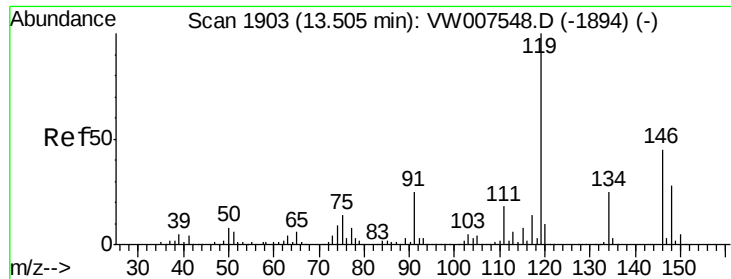
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#86
 p-Isopropyltoluene
 Concen: 23.854 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Tgt Ion:119 Resp: 92462
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 24.6 11.9 35.9





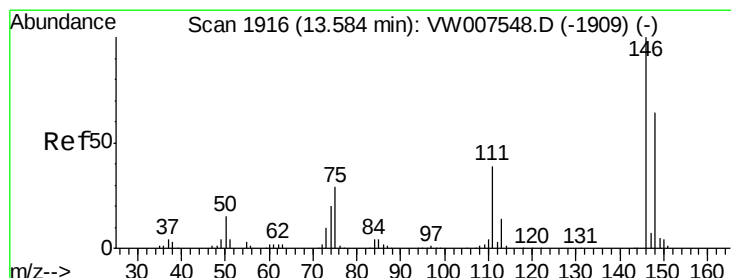
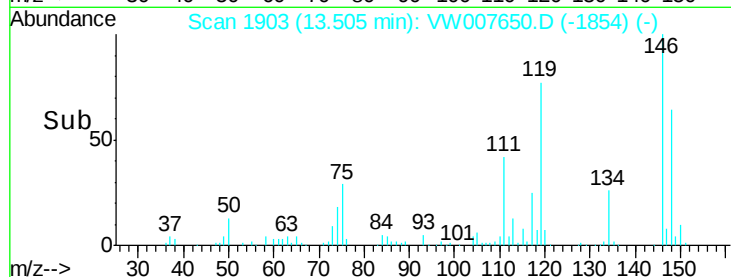
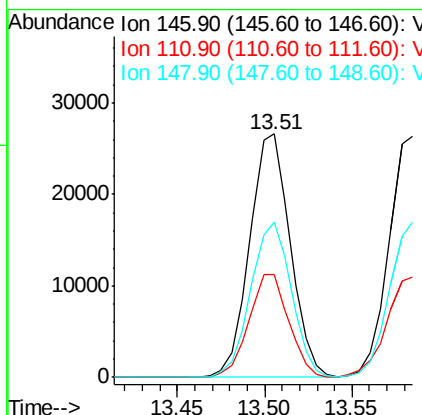
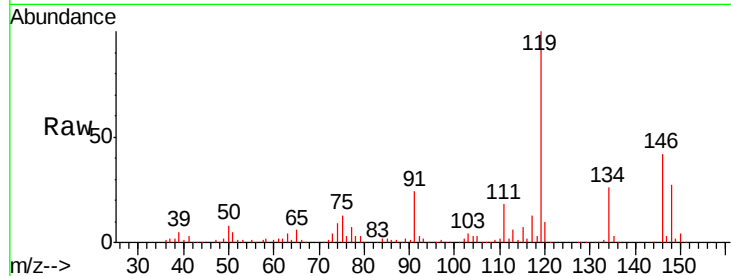
#87
 1,3-Dichlorobenzene
 Concen: 22.714 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	42854		
111	41.8	20.1	60.3	
148	63.8	31.4	94.0	

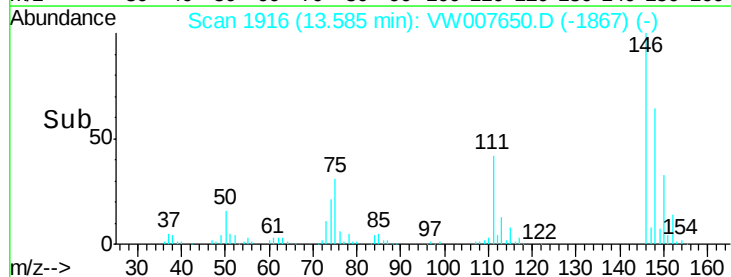
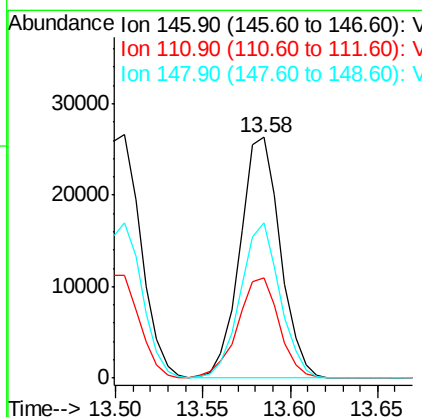
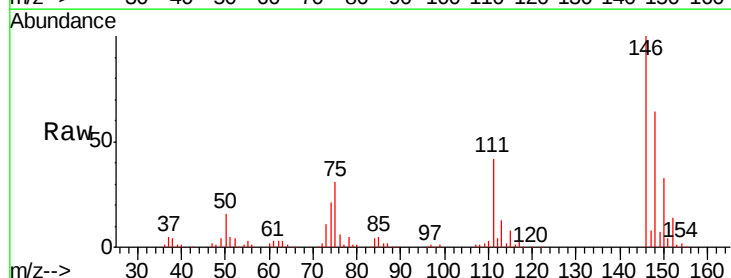
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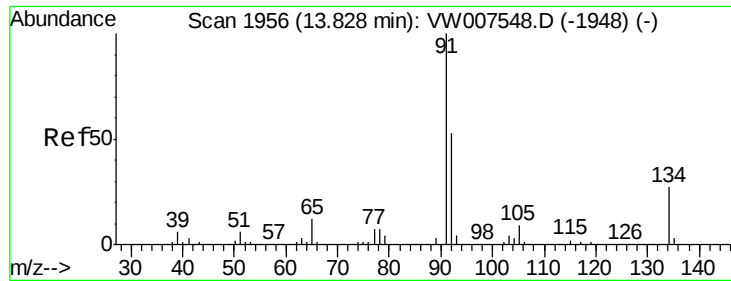
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#88
 1,4-Dichlorobenzene
 Concen: 22.243 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	42190		
111	43.0	20.3	61.0	
148	63.2	33.5	100.5	





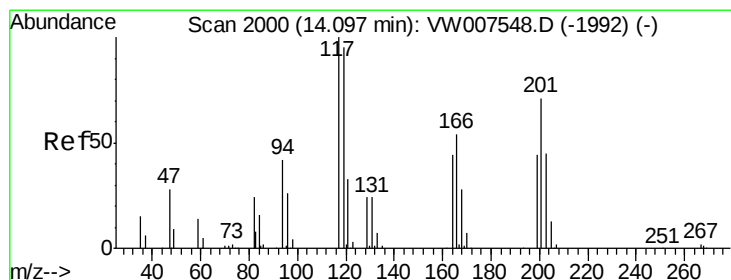
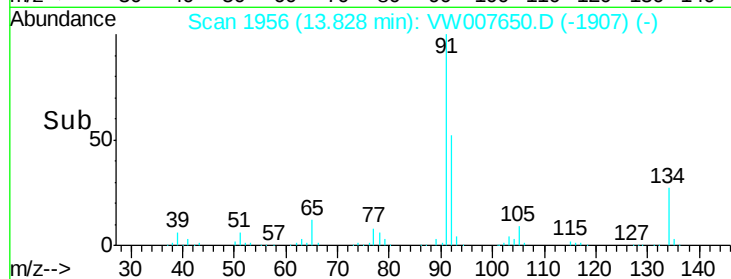
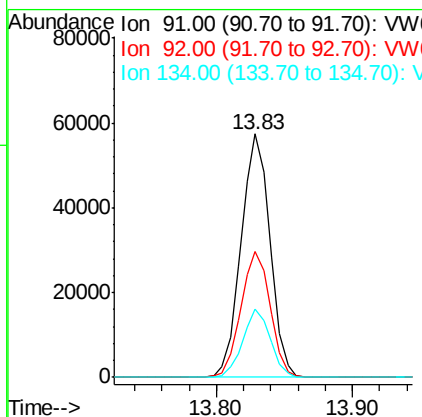
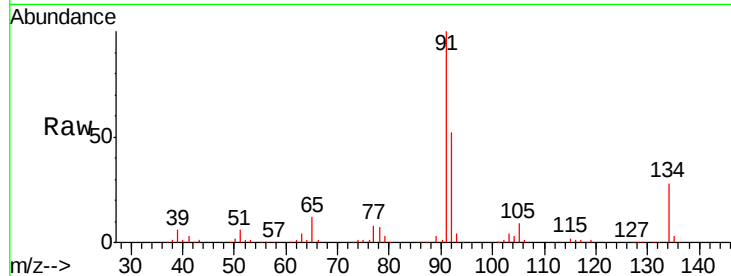
#89
n-Butylbenzene
Concen: 23.699 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.7	77.1
134	26.7	13.4	40.2

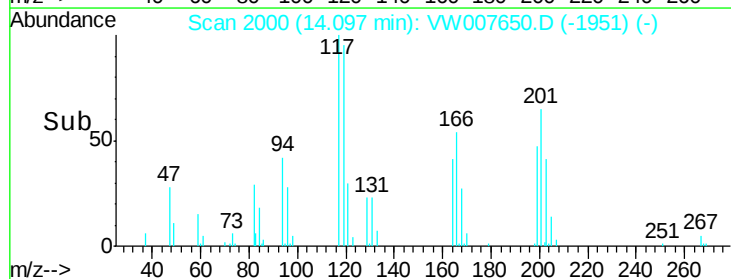
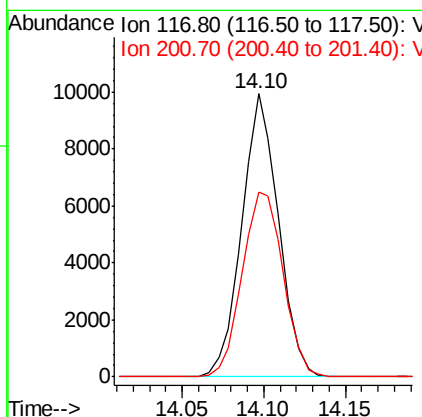
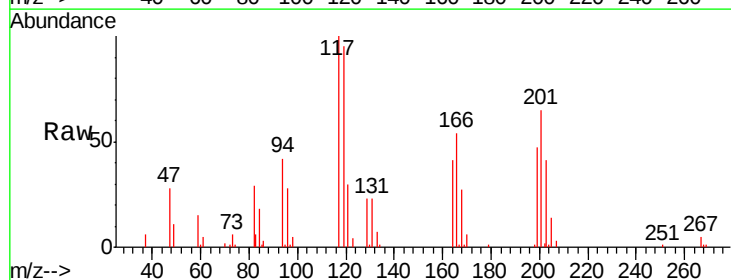
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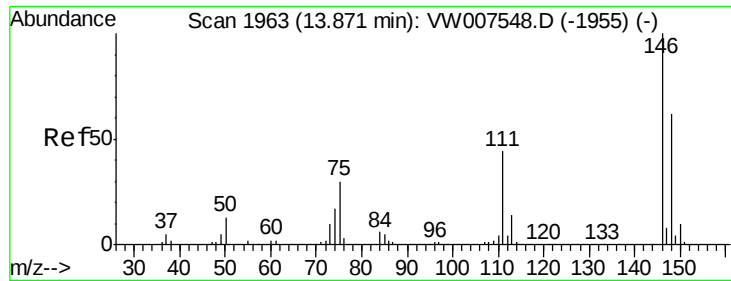
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#90
Hexachloroethane
Concen: 22.458 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.9	35.3	105.9





#91

1,2-Dichlorobenzene

Concen: 21.799 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Instrument :

MSVOA_W

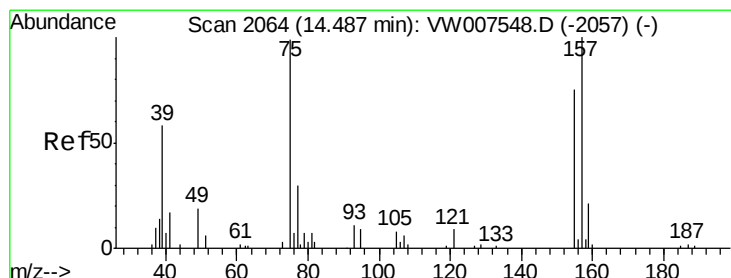
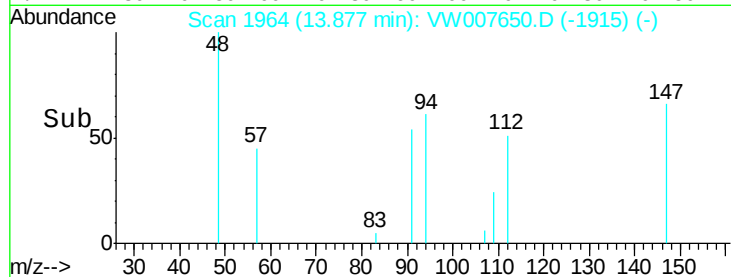
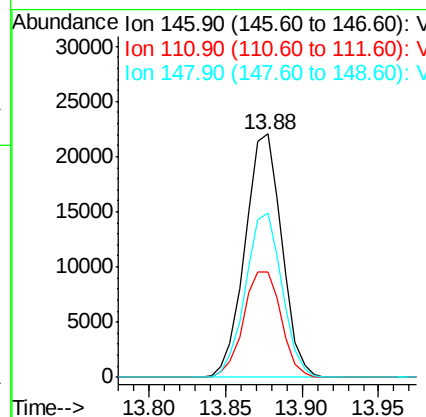
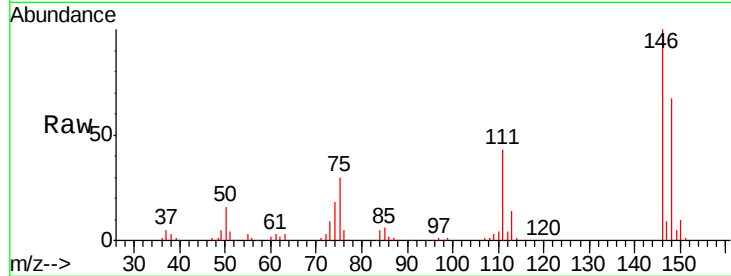
ClientSampleId :

VW1220SBS01

Tgt Ion:	146	Resp:	36836
Ion Ratio	Lower	Upper	
146	100		
111	44.6	22.4	67.2
148	66.9	32.4	97.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.175 ug/l

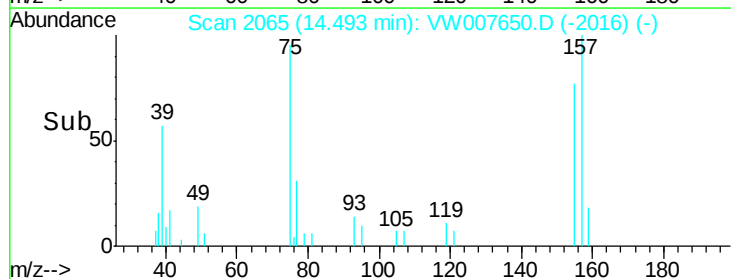
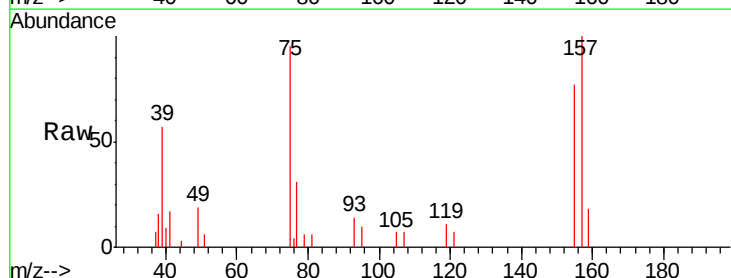
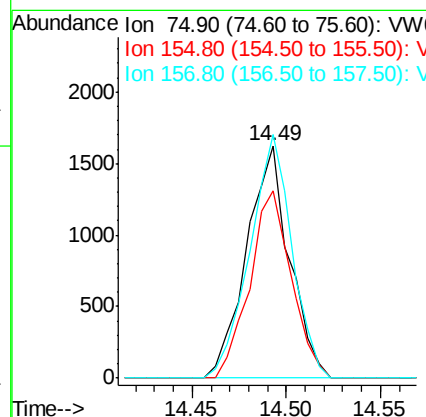
RT: 14.49 min Scan# 2065

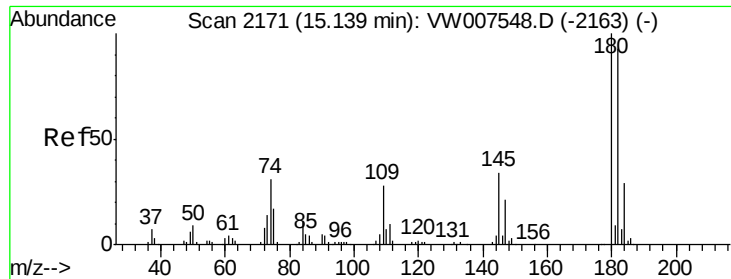
Delta R.T. -0.00 min

Lab File: VW007650.D

Acq: 18 Dec 2018 11:41

Tgt Ion:	75	Resp:	2560
Ion Ratio	Lower	Upper	
75	100		
155	77.9	40.8	122.2
157	102.9	51.1	153.4





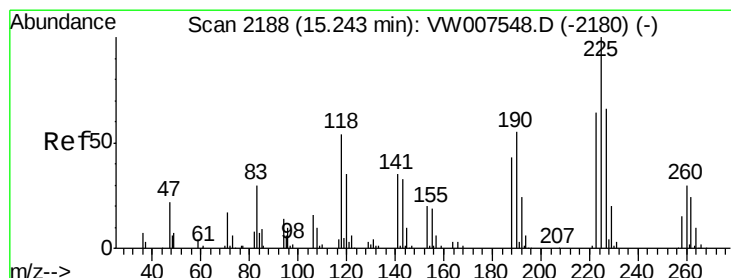
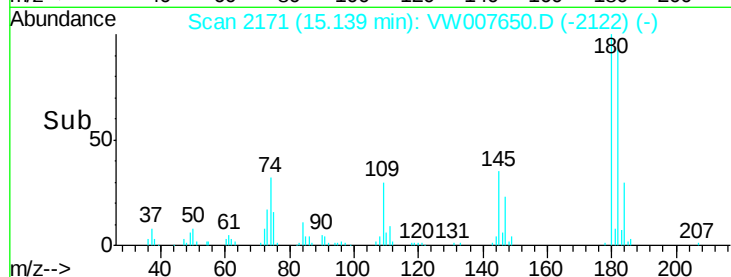
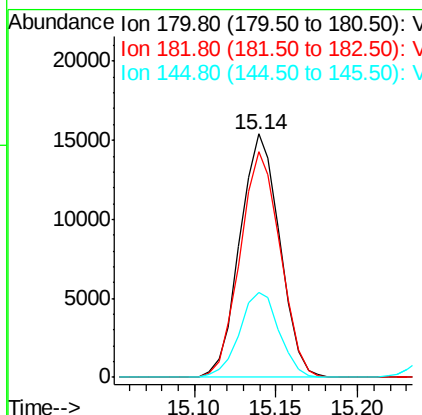
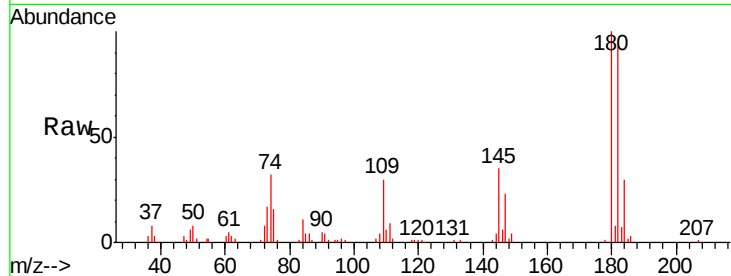
#93
 1,2,4-Trichlorobenzene
 Concen: 22.422 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.8	49.9	149.6
145	34.8	17.8	53.4

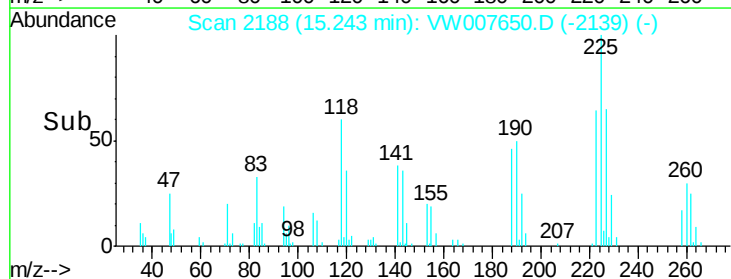
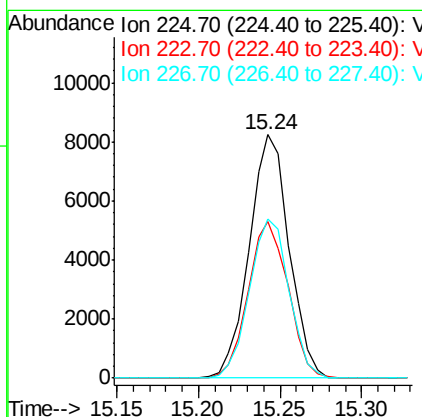
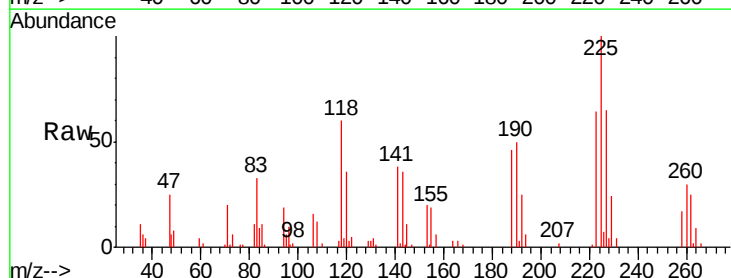
Manual Integrations
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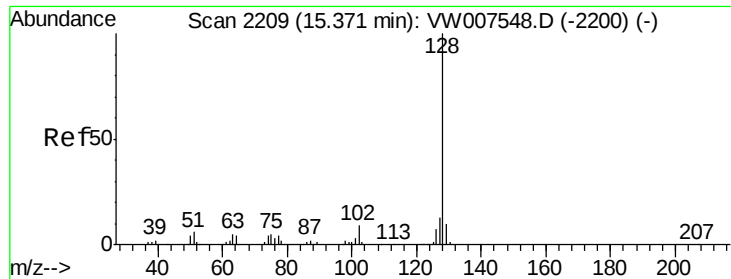
apatel
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#94
 Hexachlorobutadiene
 Concen: 22.775 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007650.D
 Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.2	32.1	96.3
227	64.9	31.9	95.9





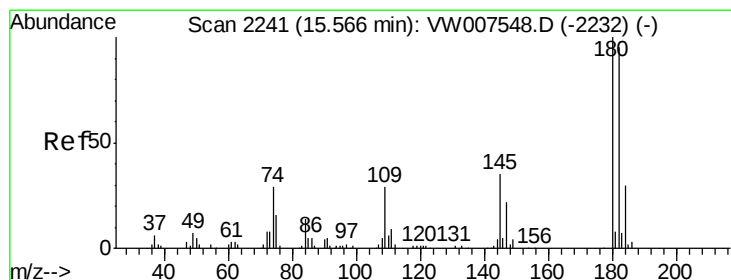
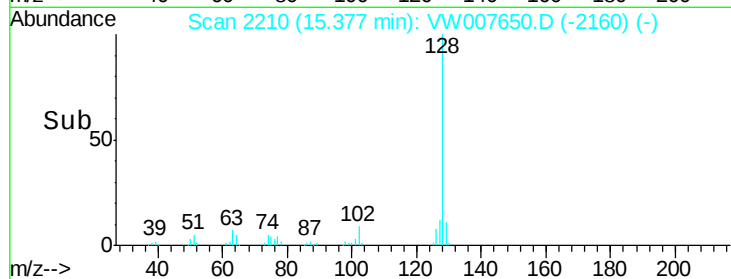
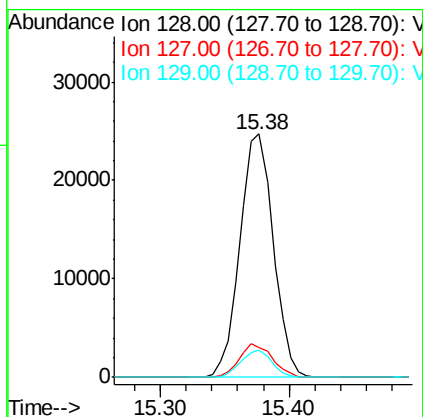
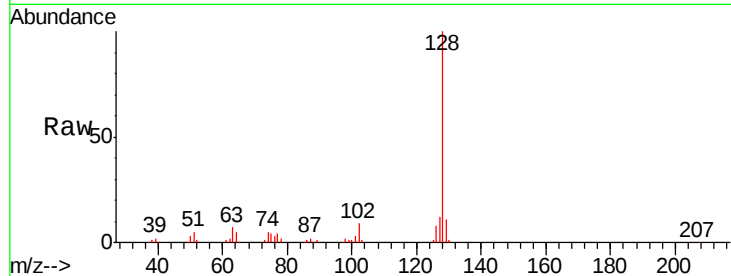
#95
Naphthalene
Concen: 19.959 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	10.5	8.3	12.5

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.656 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007650.D
Acq: 18 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	45.6	136.7
145	36.6	17.5	52.5

