

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007524.D
 Acq On : 14 Dec 2018 10:23
 Operator : SY/AP
 Sample : VW1217SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Manual Integrations
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Quant Time: Dec 14 11:04:32 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	74595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	128959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	114283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56164	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41344	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.88	113	38469	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.32	98	149151	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.62	95	56232	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	11633	22.316	ug/l	98
3) Chloromethane	2.21	50	9825	22.505	ug/l	99
4) Vinyl Chloride	2.37	62	11822	23.075	ug/l	99
5) Bromomethane	2.78	94	7629	22.163	ug/l	90
6) Chloroethane	2.93	64	6662	23.623	ug/l	99
7) Trichlorofluoromethane	3.25	101	9441	20.497	ug/l	97
8) Diethyl Ether	3.68	74	8106	22.485	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16803	22.109	ug/l	98
10) Methyl Iodide	4.26	142	28934	22.986	ug/l	99
11) Tert butyl alcohol	5.18	59	5966	104.968	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	16801	22.960	ug/l	94
13) Acrolein	3.89	56	3311	88.039	ug/l	100
14) Allyl chloride	4.66	41	23638	21.915	ug/l	99
15) Acrylonitrile	5.37	53	16491	108.512	ug/l	99
16) Acetone	4.12	43	14002	96.865	ug/l	98
17) Carbon Disulfide	4.37	76	50181	22.617	ug/l	98
18) Methyl Acetate	4.67	43	9361	23.860	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	25397	23.007	ug/l	100
20) Methylene Chloride	4.91	84	19828	22.965	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	18507	22.609	ug/l	93
22) Diisopropyl ether	6.31	45	46455	22.407	ug/l	97
23) Vinyl Acetate	6.25	43	119712	103.231	ug/l	99
24) 1,1-Dichloroethane	6.21	63	31422	22.424	ug/l	97
25) 2-Butanone	7.17	43	18623	98.684	ug/l	91
26) 2,2-Dichloropropane	7.16	77	18456	19.901	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	20120	22.448	ug/l	98
28) Bromochloromethane	7.51	49	11057	20.978	ug/l	96
29) Tetrahydrofuran	7.52	42	12971	108.573	ug/l	99
30) Chloroform	7.67	83	33468	21.948	ug/l	99
31) Cyclohexane	7.95	56	27512	21.400	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	30212	22.593	ug/l	99
36) 1,1-Dichloropropene	8.08	75	25532	21.703	ug/l	99
37) Ethyl Acetate	7.25	43	9225	21.083	ug/l	96
38) Carbon Tetrachloride	8.07	117	28376	22.168	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	30630	21.502	ug/l	96
40) Benzene	8.32	78	72254	22.132	ug/l	99
41) Methacrylonitrile	7.49	41	4680	18.783	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	22751	22.184	ug/l	98
43) Isopropyl Acetate	8.43	43	17718	20.500	ug/l	97
44) Trichloroethene	9.09	130	21110	22.644	ug/l	96
45) 1,2-Dichloropropane	9.37	63	17012	22.518	ug/l	98
46) Dibromomethane	9.46	93	9719	22.653	ug/l	94
47) Bromodichloromethane	9.65	83	25021	22.233	ug/l	95
48) Methyl methacrylate	9.44	41	9192	20.708	ug/l	97
49) 1,4-Dioxane	9.45	88	3207	460.682	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	42376	103.767	ug/l	99
52) Toluene	10.38	92	48354	22.887	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	23169	21.206	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	26649	21.100	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	13157	22.532	ug/l	97
56) Ethyl methacrylate	10.65	69	15156	21.594	ug/l	97
57) 1,3-Dichloropropane	10.93	76	22994	23.992	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	33735	104.231	ug/l	100
59) 2-Hexanone	10.97	43	28514	104.713	ug/l	99
60) Dibromochloromethane	11.13	129	16659	22.607	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12942	22.428	ug/l	97
64) Tetrachloroethene	10.86	164	20067	24.417	ug/l	93
65) Chlorobenzene	11.66	112	53654	22.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	18895	22.522	ug/l	98
67) Ethyl Benzene	11.73	91	91950	22.452	ug/l #	86
68) m/p-Xylenes	11.84	106	73637	46.252	ug/l	97
69) o-Xylene	12.16	106	34857	23.443	ug/l	98
70) Styrene	12.18	104	57400	23.900	ug/l	96
71) Bromoform	12.35	173	9476	22.068	ug/l #	97
73) Isopropylbenzene	12.47	105	96944	22.527	ug/l	100
74) N-amyl acetate	12.27	43	16269	20.801	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	14245	22.349	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	10750m	23.214	ug/l	
77) Bromobenzene	12.75	156	21168	22.191	ug/l	95
78) n-propylbenzene	12.80	91	111611	23.045	ug/l	100
79) 2-Chlorotoluene	12.90	91	66071	22.546	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	81807	22.624	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	3997	19.066	ug/l	95
82) 4-Chlorotoluene	12.99	91	69421	22.473	ug/l	96
83) tert-Butylbenzene	13.21	119	71608	22.474	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	85000	22.843	ug/l	98
85) sec-Butylbenzene	13.39	105	100295	23.059	ug/l	95
86) p-Isopropyltoluene	13.51	119	87776	22.463	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	43800	23.029	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	42645	22.303	ug/l	97
89) n-Butylbenzene	13.83	91	79206	21.865	ug/l	98
90) Hexachloroethane	14.10	117	15174	21.825	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	38130	22.384	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2792	21.827	ug/l	96

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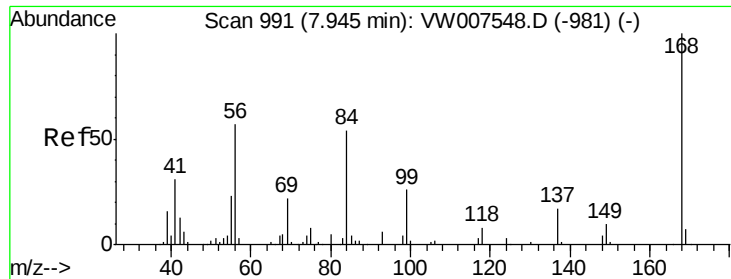
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QLast Update : Tue Dec 11 02:58:16 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	25448	21.707	ug/l	95
94) Hexachlorobutadiene	15.24	225	12734	20.472	ug/l	98
95) Naphthalene	15.38	128	48647	21.692	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	21839	21.445	ug/l	95

(#) = 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: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS01

Tgt Ion:168 Resp: 74595

Ion Ratio Lower Upper

168 100

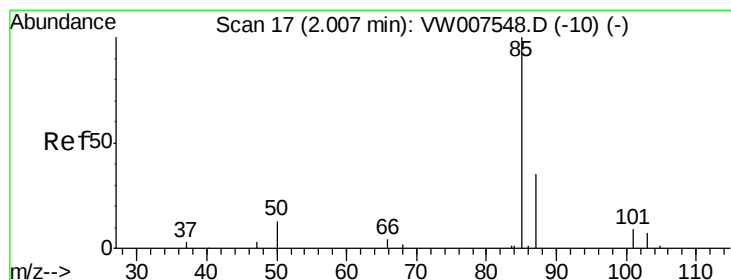
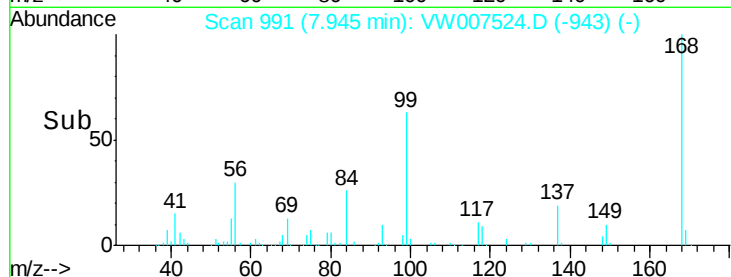
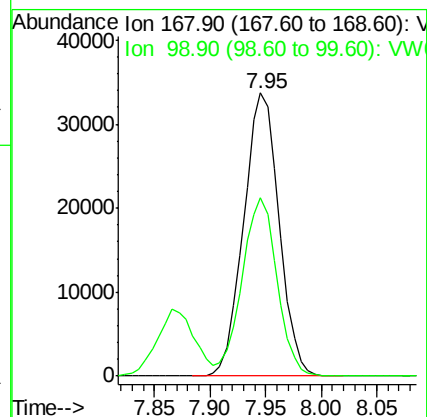
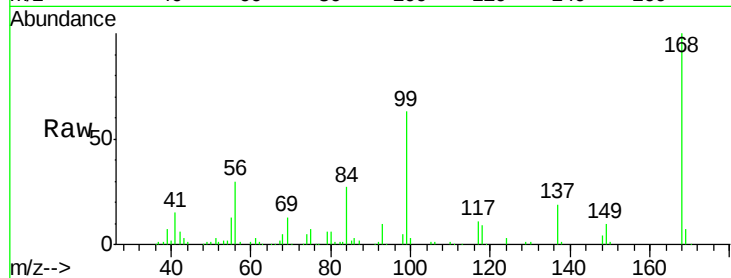
99 63.2 48.3 72.5

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#2

Dichlorodifluoromethane

Concen: 22.316 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007524.D

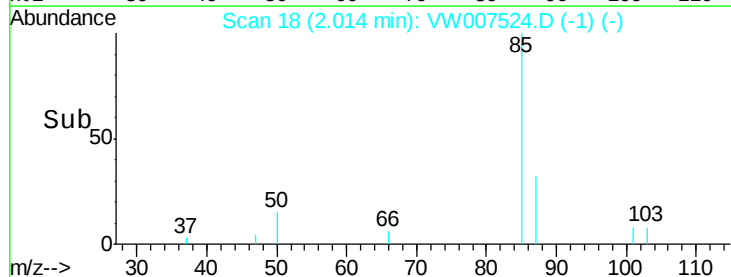
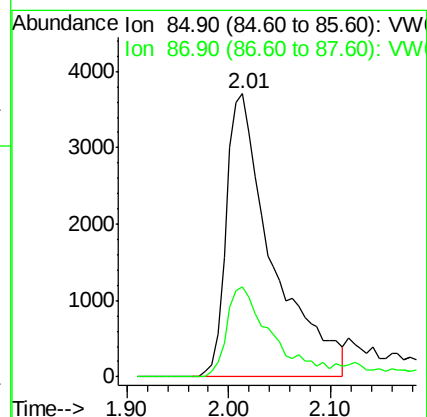
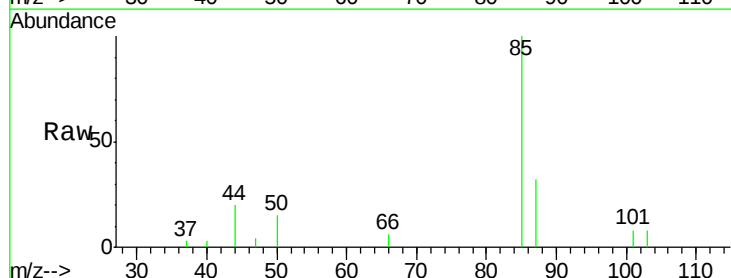
Acq: 14 Dec 2018 10:23

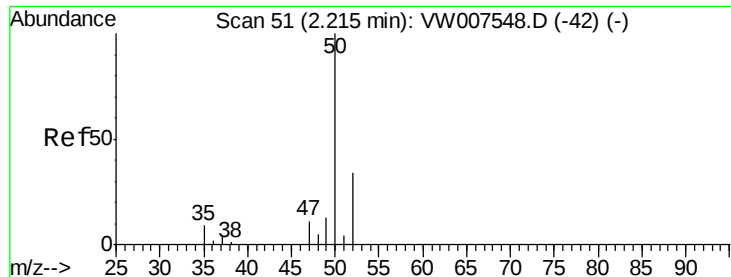
Tgt Ion: 85 Resp: 11633

Ion Ratio Lower Upper

85 100

87 31.9 16.6 49.7





#3

Chloromethane

Concen: 22.505 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS01

Tgt Ion: 50 Resp: 9825

Ion Ratio Lower Upper

50 100

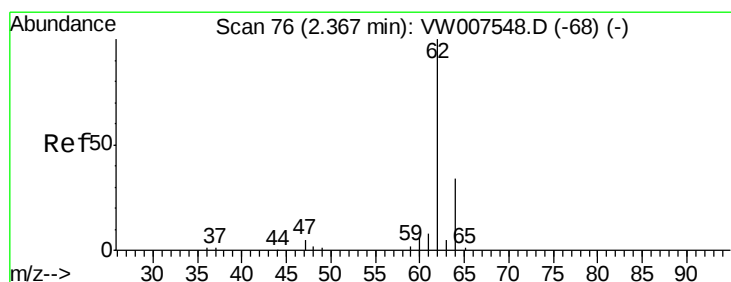
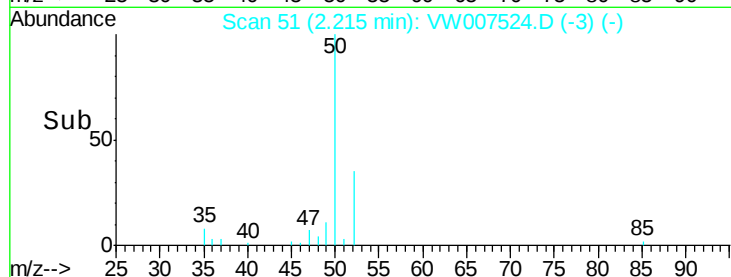
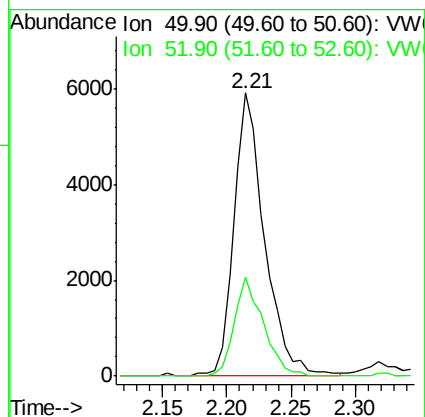
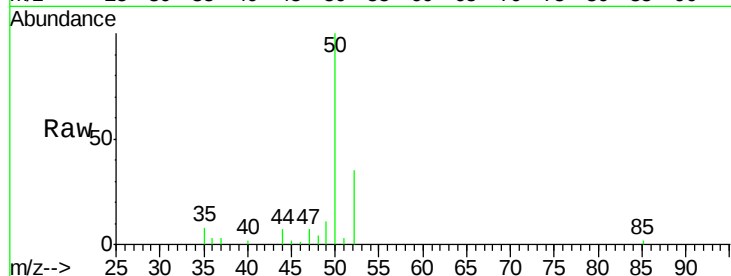
52 34.9 27.4 41.0

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#4

Vinyl Chloride

Concen: 23.075 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007524.D

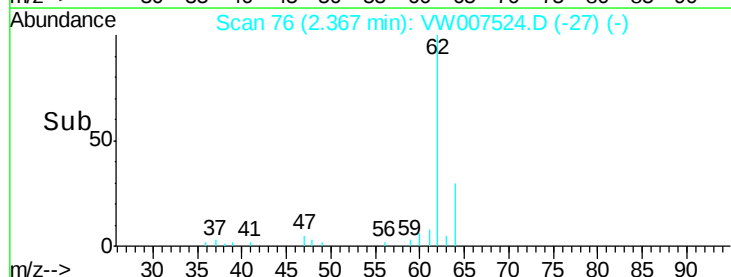
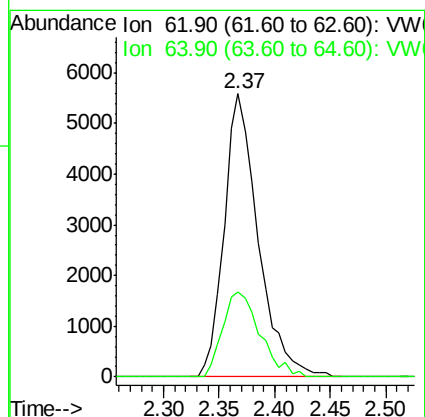
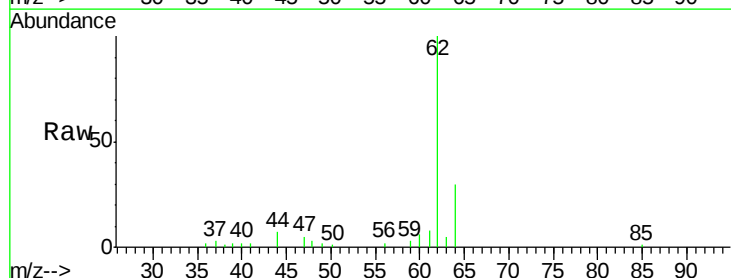
Acq: 14 Dec 2018 10:23

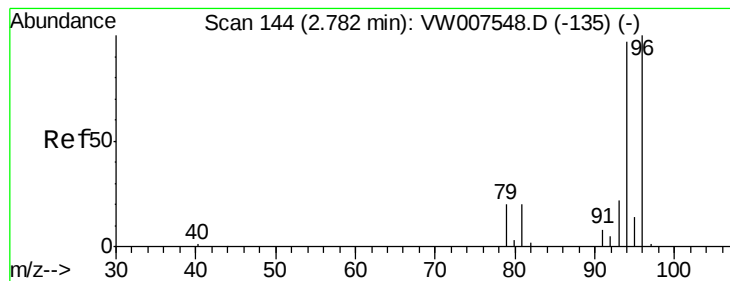
Tgt Ion: 62 Resp: 11822

Ion Ratio Lower Upper

62 100

64 30.2 24.6 37.0





#5

Bromomethane

Concen: 22.163 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS01

Tgt Ion: 94 Resp: 7629

Ion Ratio Lower Upper

94 100

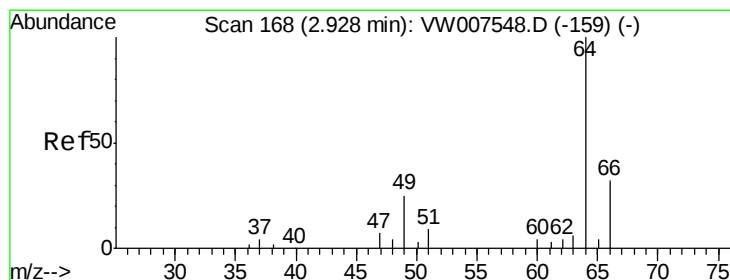
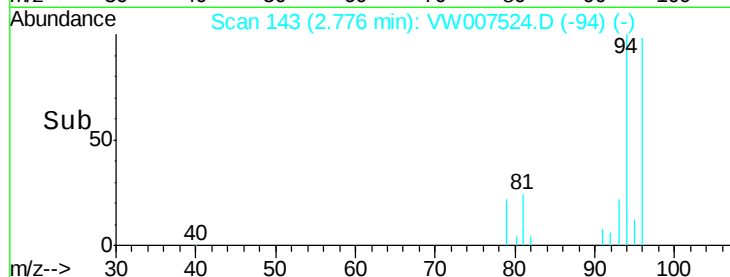
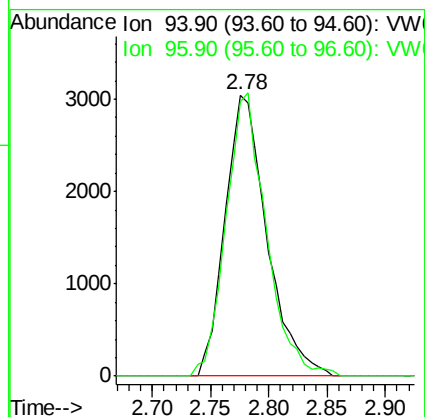
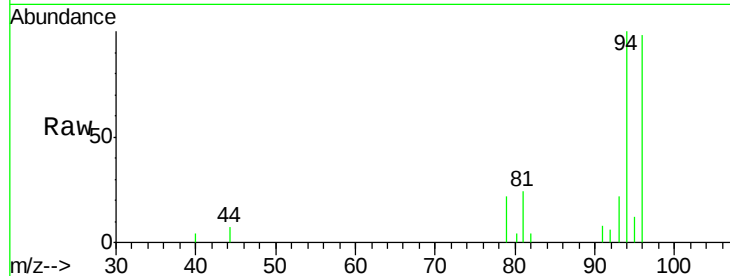
96 97.8 71.0 106.4

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#6

Chloroethane

Concen: 23.623 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007524.D

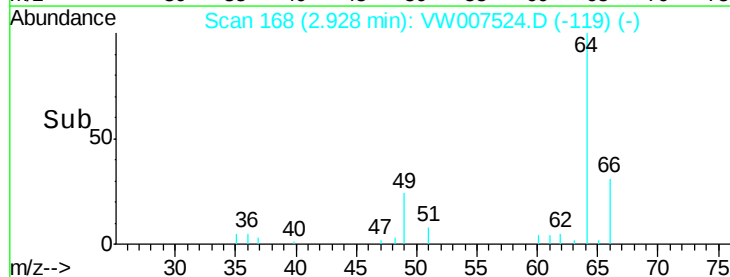
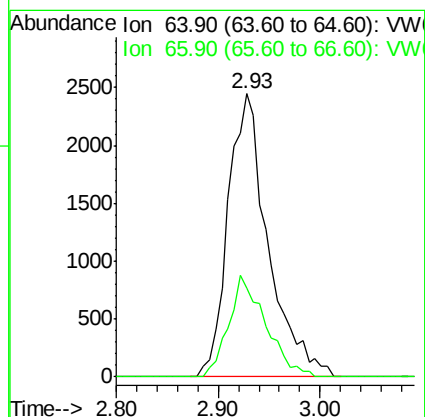
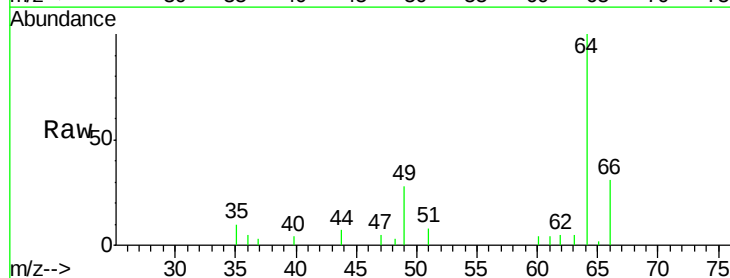
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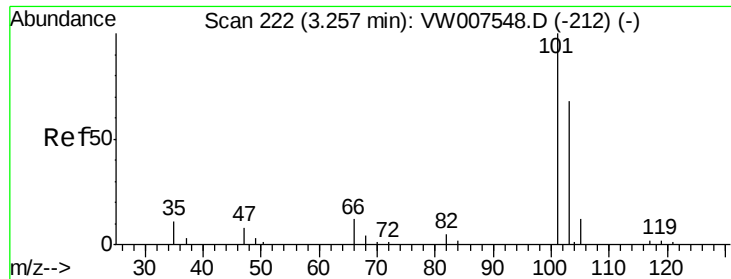
Tgt Ion: 64 Resp: 6662

Ion Ratio Lower Upper

64 100

66 31.3 24.6 37.0





#7

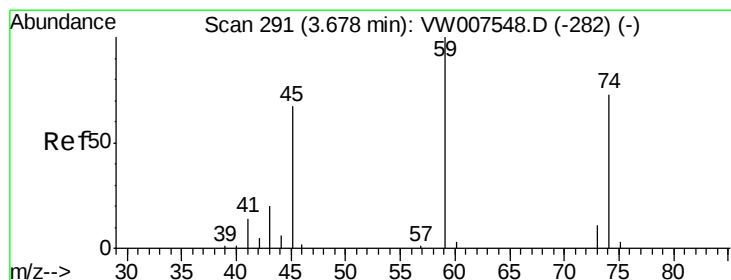
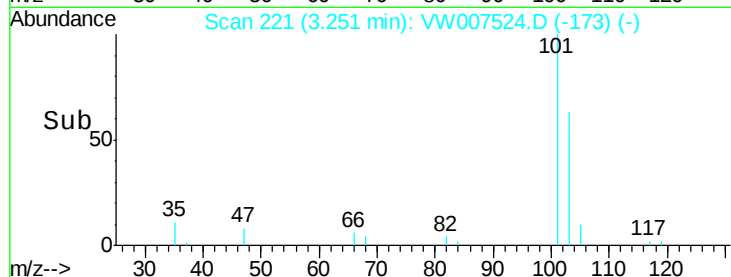
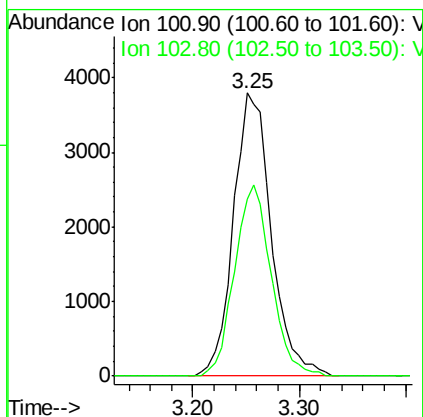
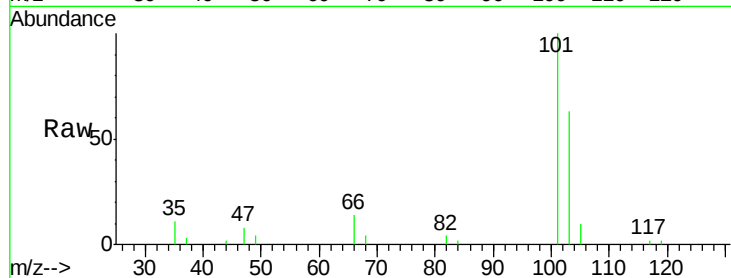
Trichlorofluoromethane
Concen: 20.497 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

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VW1217SBS01

Tgt Ion: 101 Resp: 9441
Ion Ratio Lower Upper
101 100
103 62.5 51.7 77.5

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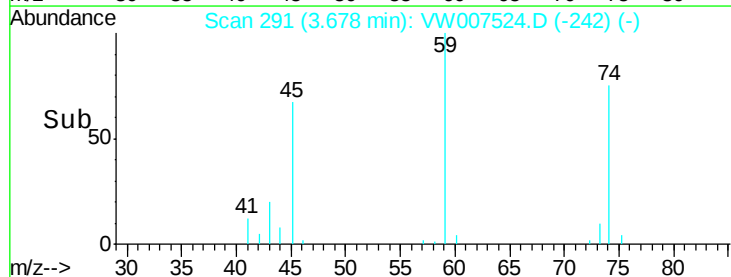
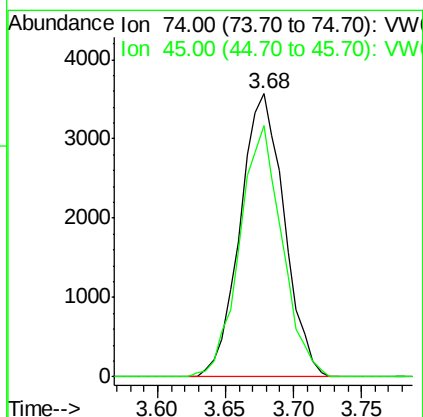
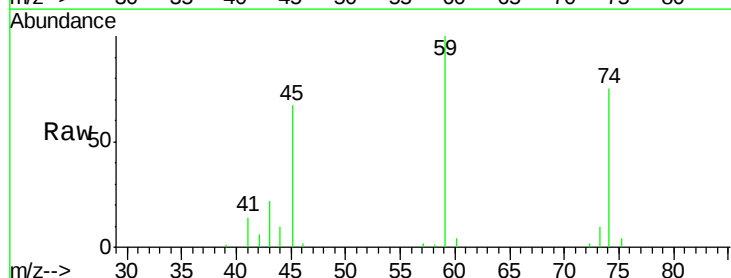
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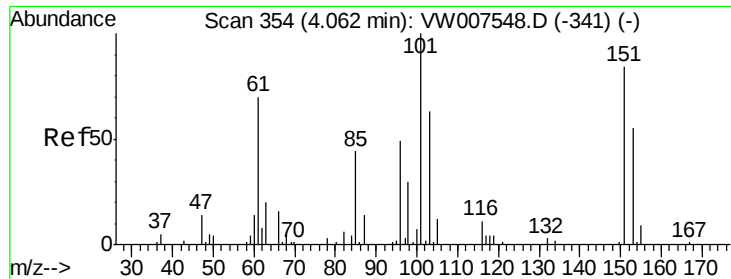


#8

Diethyl Ether
Concen: 22.485 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion: 74 Resp: 8106
Ion Ratio Lower Upper
74 100
45 85.1 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.109 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

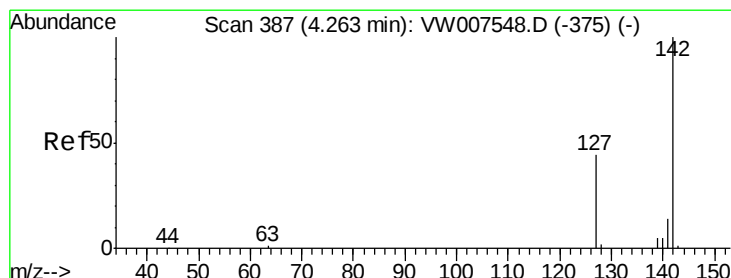
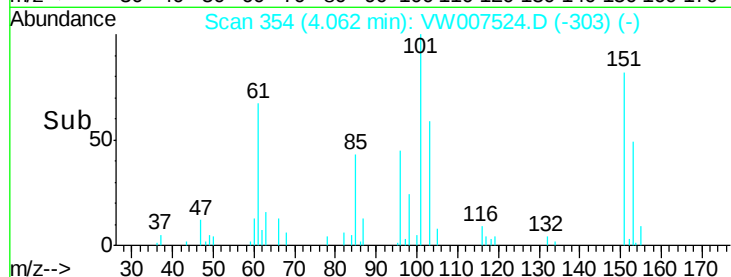
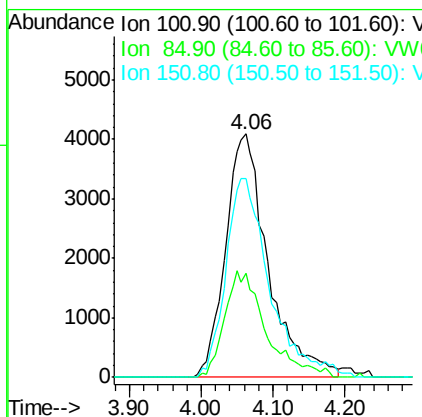
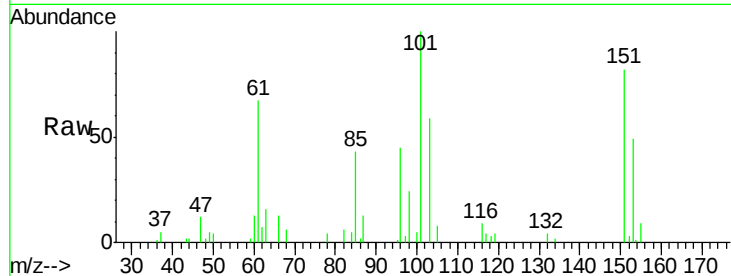
ClientSampleId :

VW1217SBS01

Tgt Ion:	101	Resp:	16803
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.9	50.9
151	82.1	63.7	95.5

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#10

Methyl Iodide

Concen: 22.986 ug/l

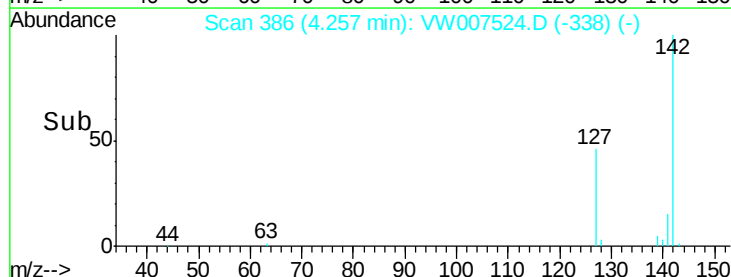
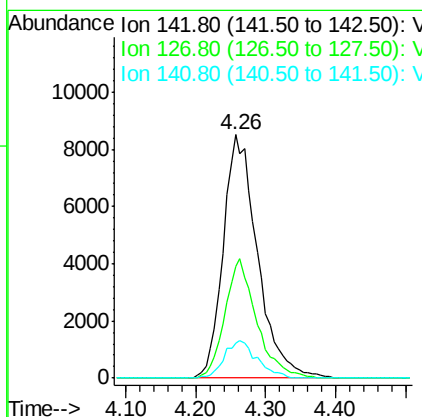
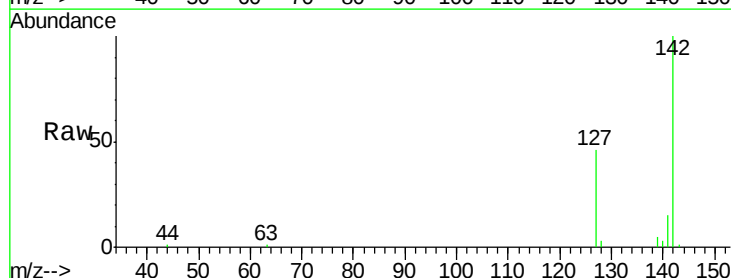
RT: 4.26 min Scan# 386

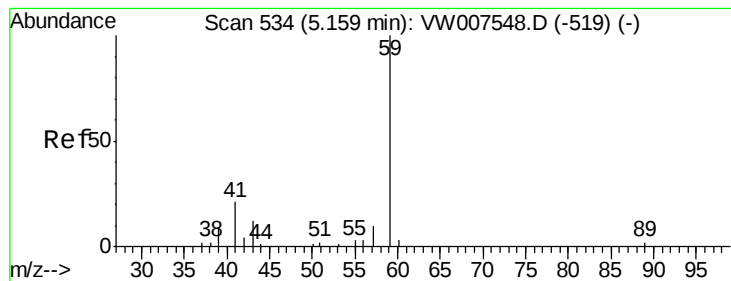
Delta R.T. -0.01 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Tgt Ion:	142	Resp:	28934
Ion Ratio	Lower	Upper	
142	100		
127	45.3	35.8	53.6
141	14.7	11.1	16.7





#11

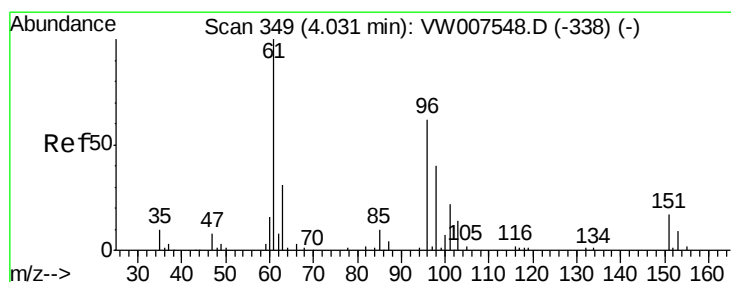
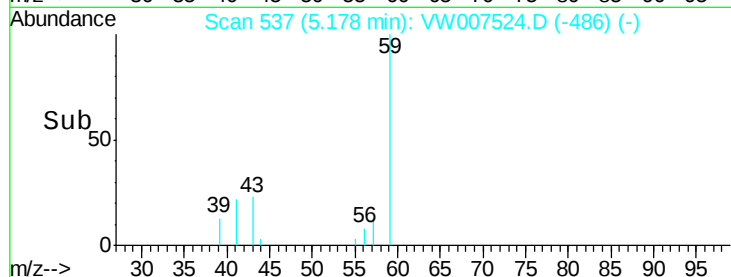
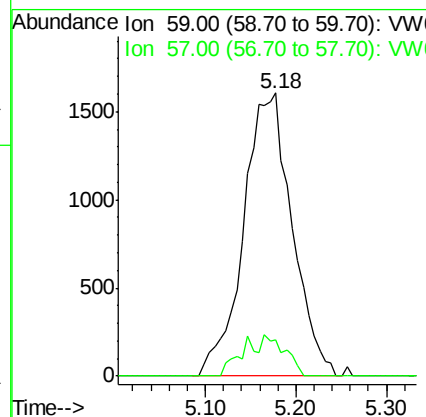
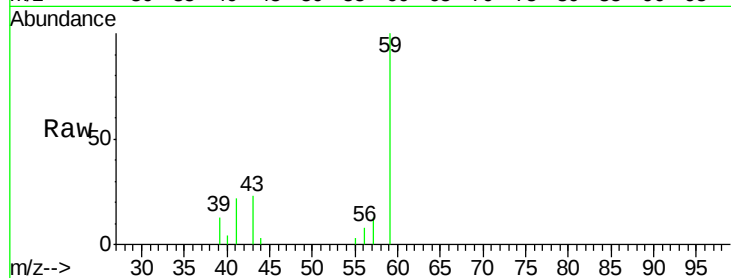
Tert butyl alcohol
 Concen: 104.968 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.8	7.6	11.4#

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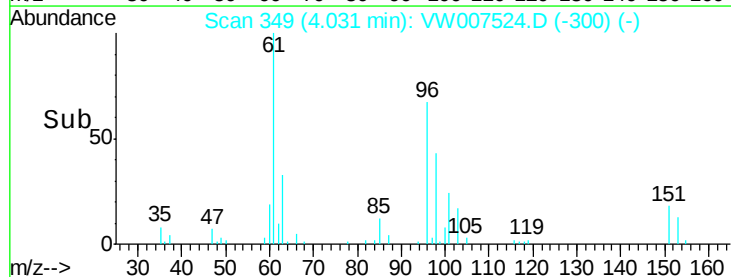
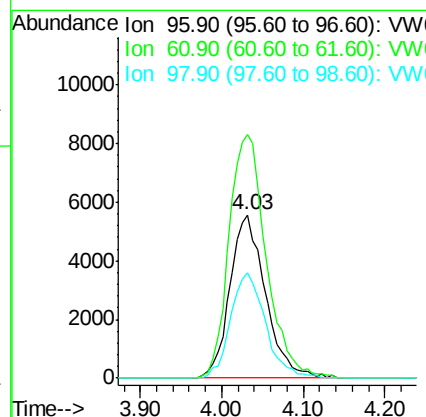
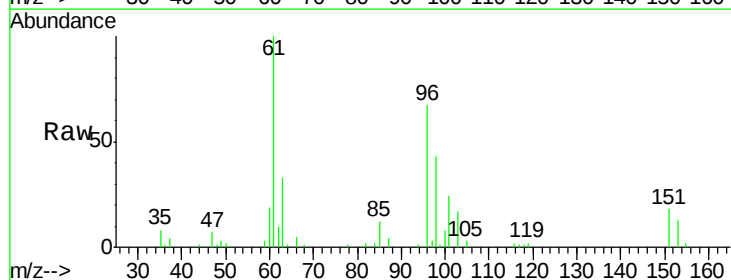
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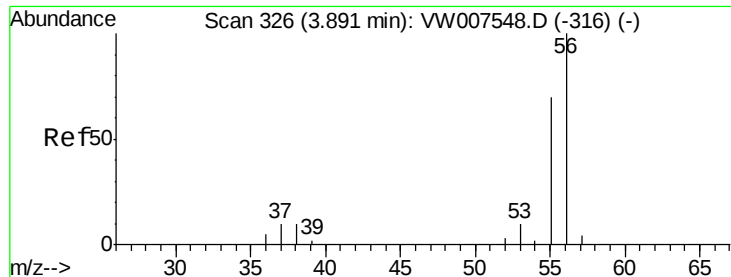


#12

1,1-Dichloroethene
 Concen: 22.960 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.3	126.2	189.2
98	64.4	48.3	72.5





#13

Acrolein

Concen: 88.039 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS01

Tgt Ion: 56 Resp: 3311

Ion Ratio Lower Upper

56 100

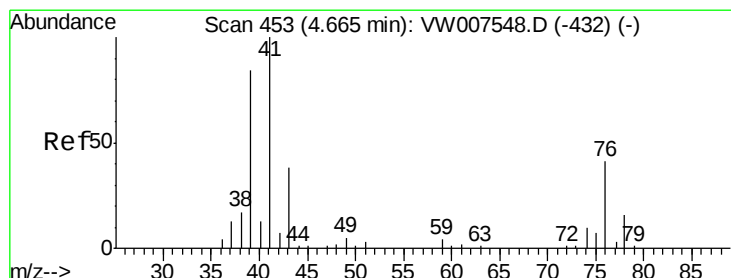
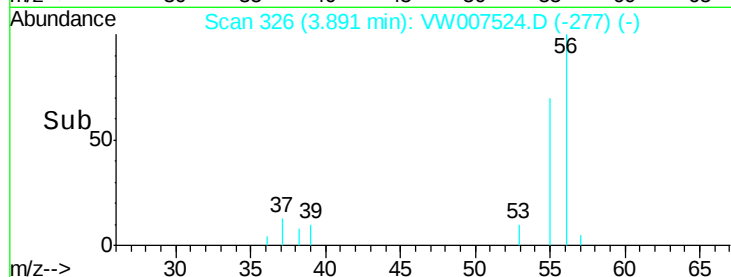
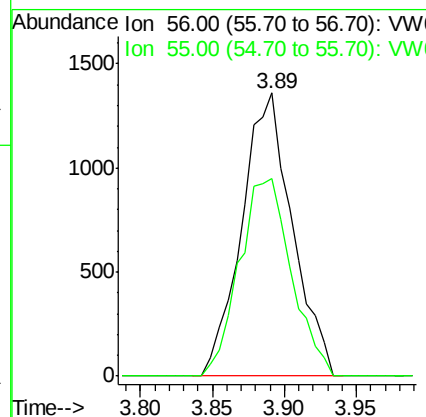
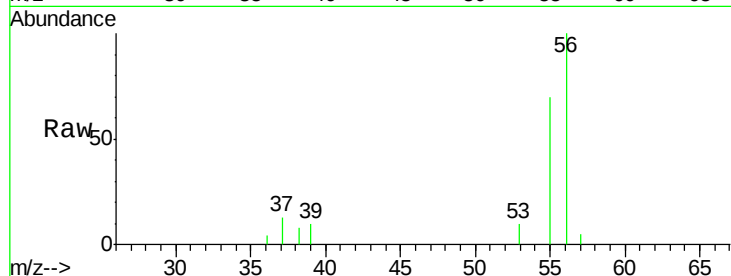
55 71.8 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 21.915 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

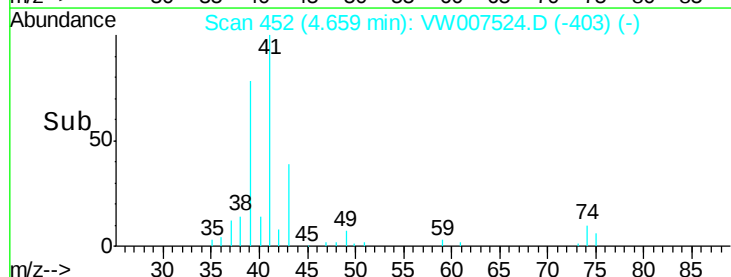
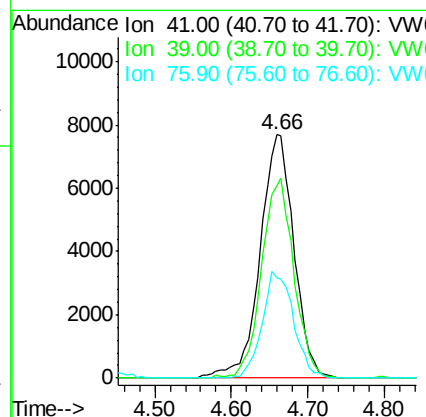
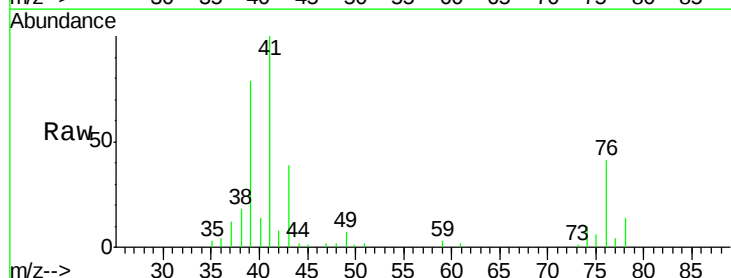
Tgt Ion: 41 Resp: 23638

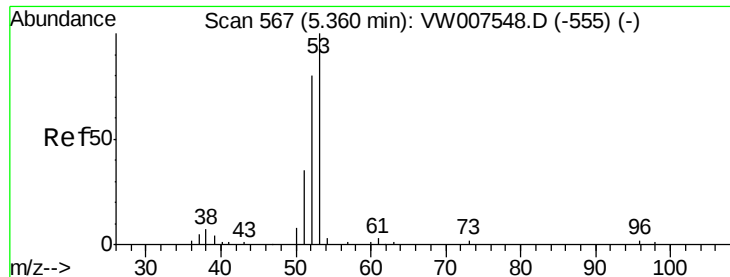
Ion Ratio Lower Upper

41 100

39 78.6 63.4 95.2

76 40.5 32.1 48.1





#15

Acrylonitrile

Concen: 108.512 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

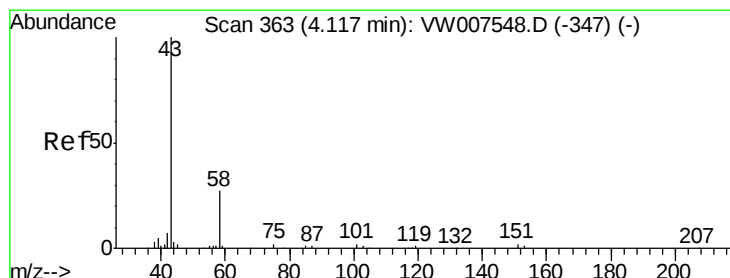
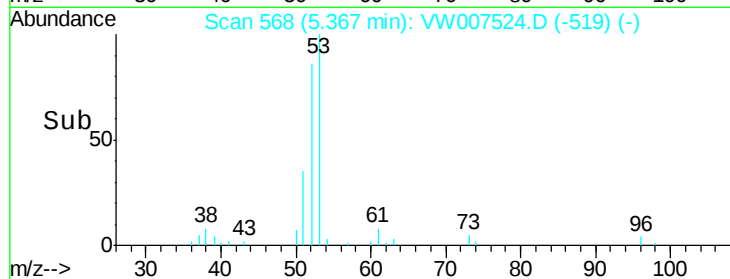
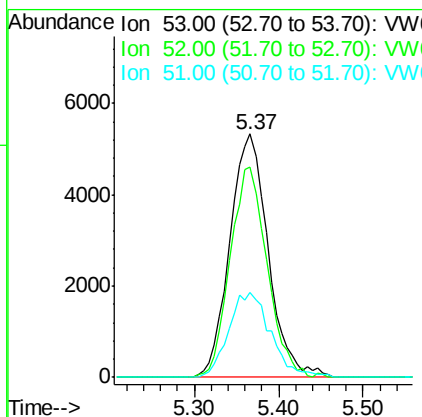
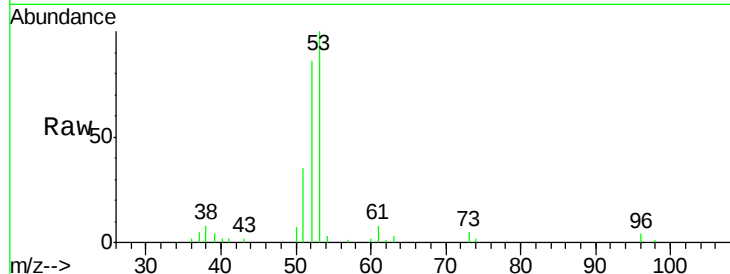
ClientSampleId :

VW1217SBS01

Tgt Ion:	53	Resp:	16491
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.4	101.2
51	38.1	30.2	45.2

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#16

Acetone

Concen: 96.865 ug/l

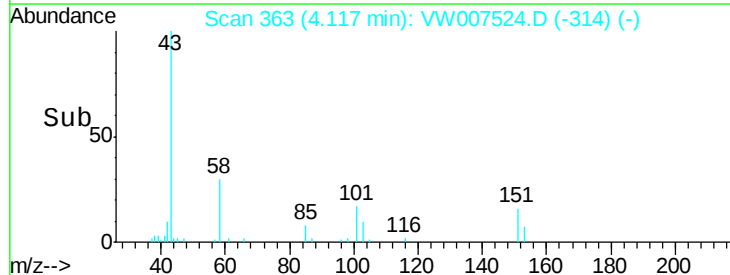
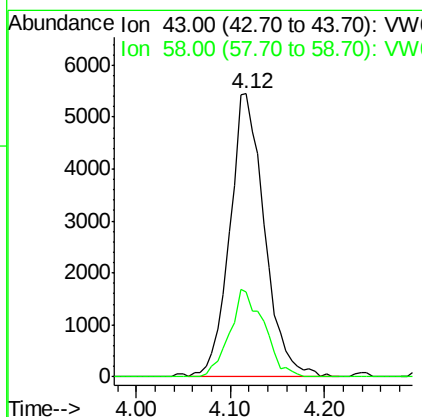
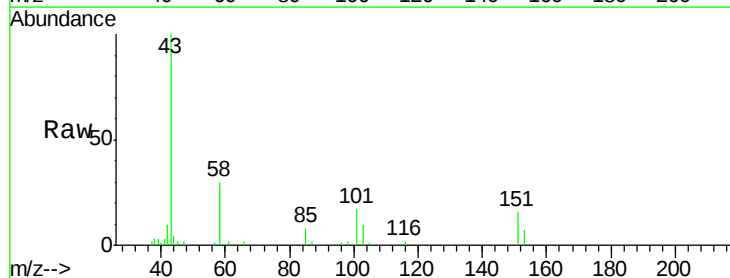
RT: 4.12 min Scan# 363

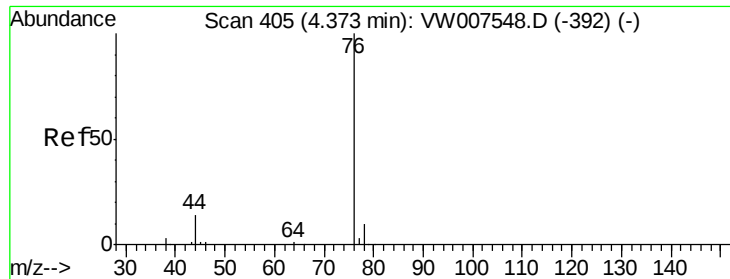
Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Tgt Ion:	43	Resp:	14002
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.9	37.3





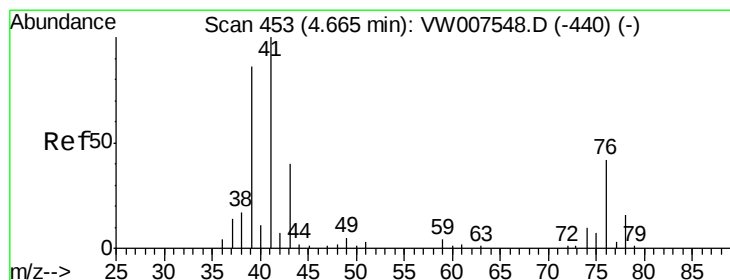
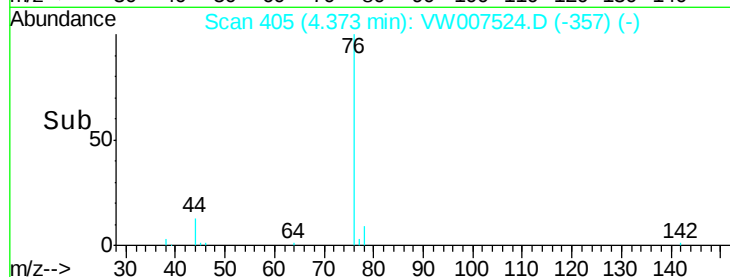
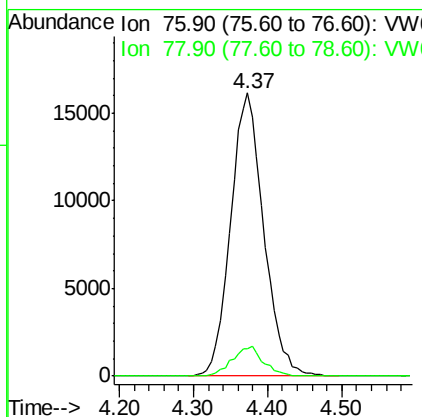
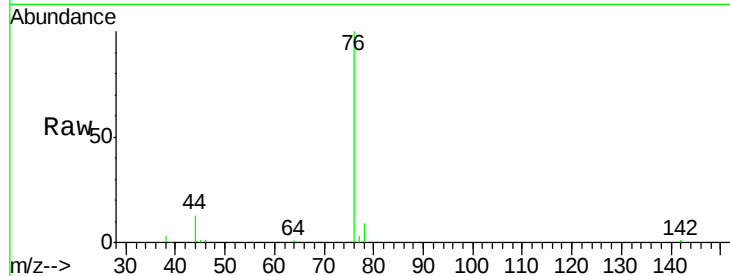
#17
Carbon Disulfide
Concen: 22.617 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion: 76 Resp: 50181
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

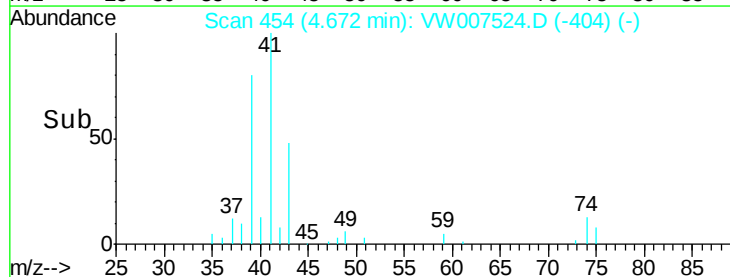
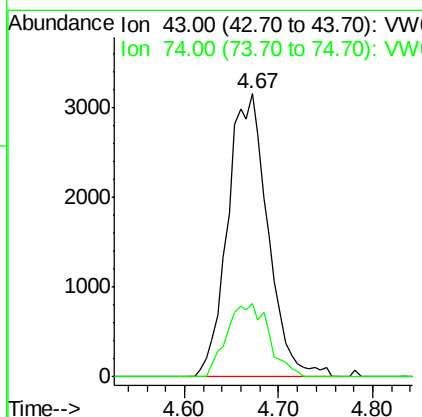
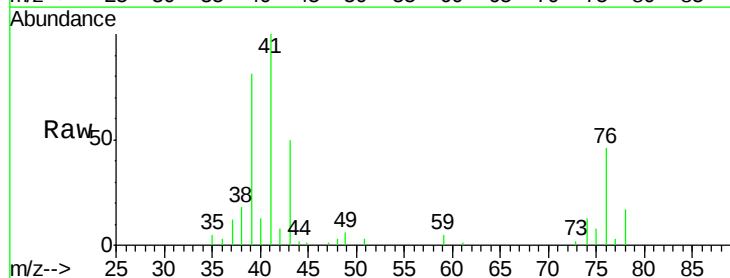
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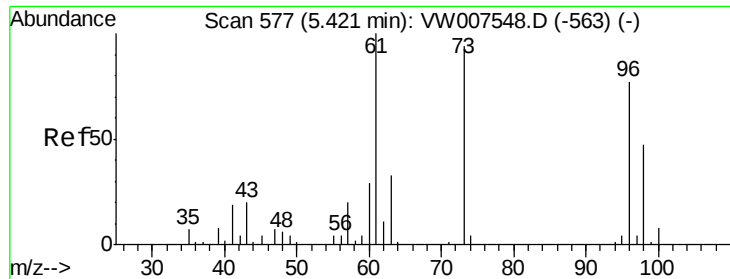
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#18
Methyl Acetate
Concen: 23.860 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion: 43 Resp: 9361
Ion Ratio Lower Upper
43 100
74 27.2 21.1 31.7





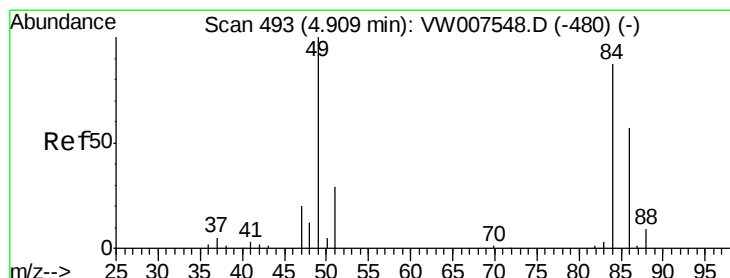
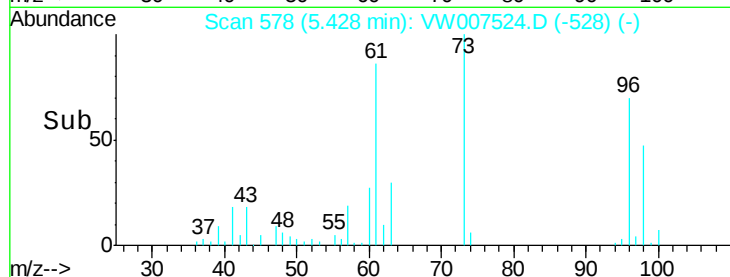
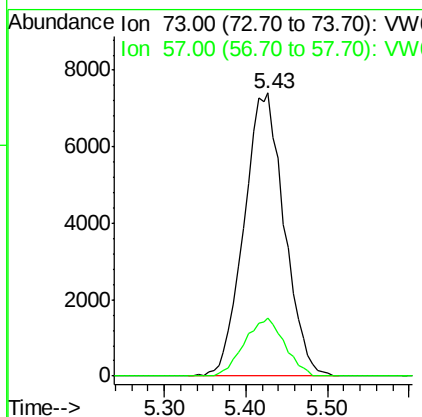
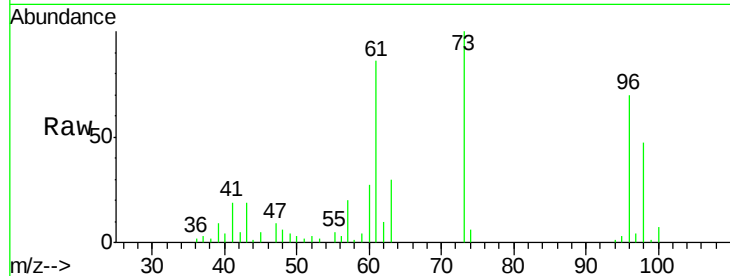
#19
Methyl tert-butyl Ether
Concen: 23.007 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion: 73 Resp: 25397
Ion Ratio Lower Upper
73 100
57 20.4 16.4 24.6

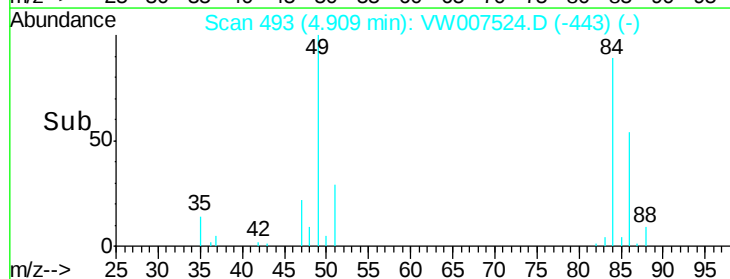
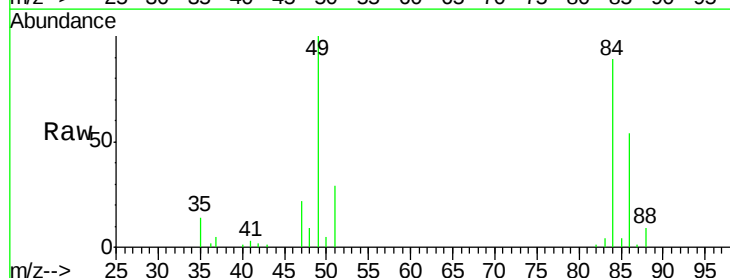
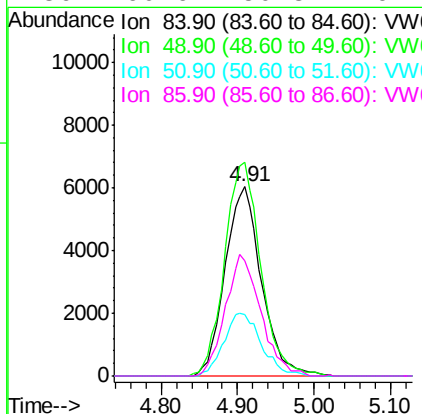
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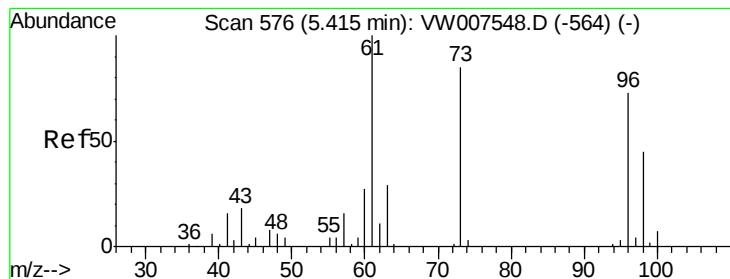
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#20
Methylene Chloride
Concen: 22.965 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion: 84 Resp: 19828
Ion Ratio Lower Upper
84 100
49 112.8 87.1 130.7
51 32.2 28.2 42.2
86 60.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 22.609 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

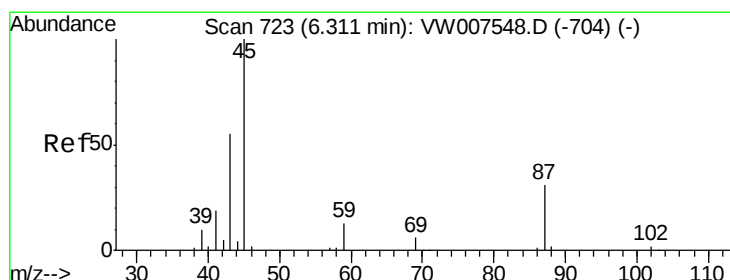
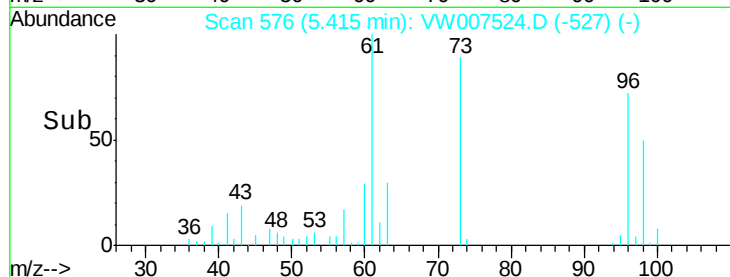
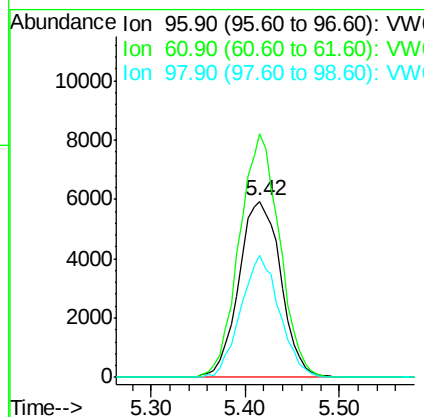
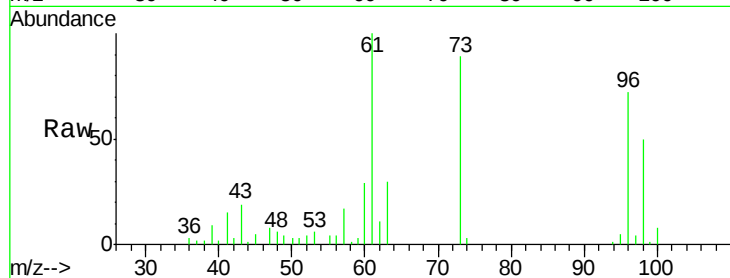
ClientSampleId :

VW1217SBS01

Tgt Ion:	96	Resp:	18507
Ion	Ratio	Lower	Upper
96	100		
61	138.2	105.0	157.6
98	69.2	49.7	74.5

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#22

Diisopropyl ether

Concen: 22.407 ug/l

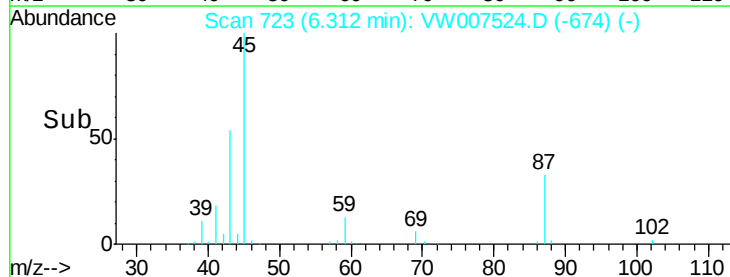
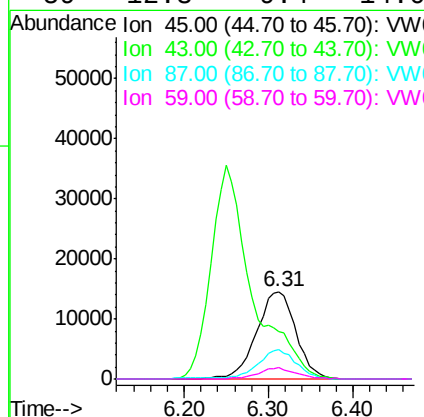
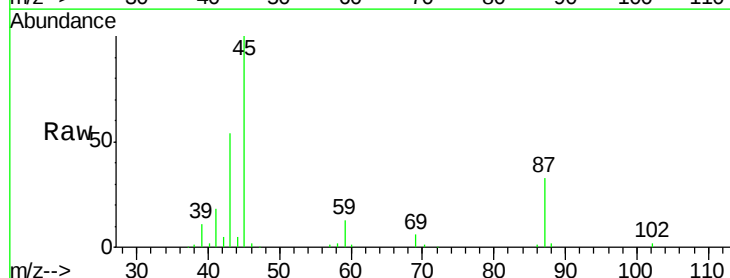
RT: 6.31 min Scan# 723

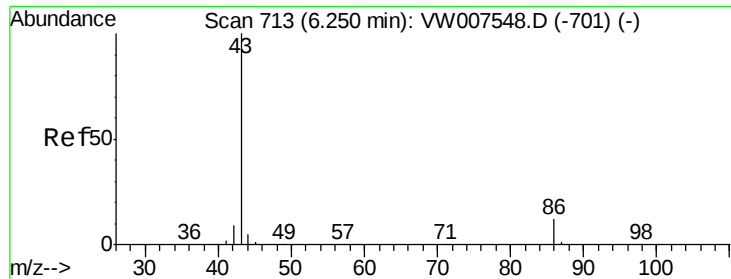
Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Tgt Ion:	45	Resp:	46455
Ion	Ratio	Lower	Upper
45	100		
43	53.7	41.6	62.4
87	33.0	24.3	36.5
59	12.3	9.4	14.0





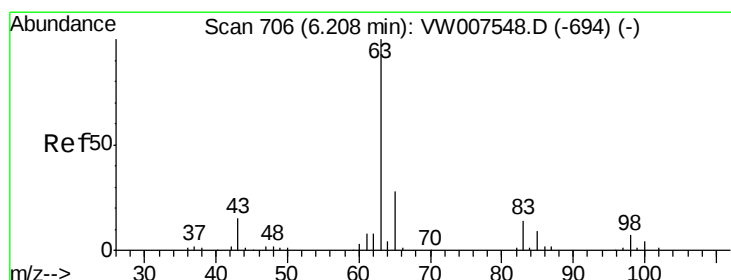
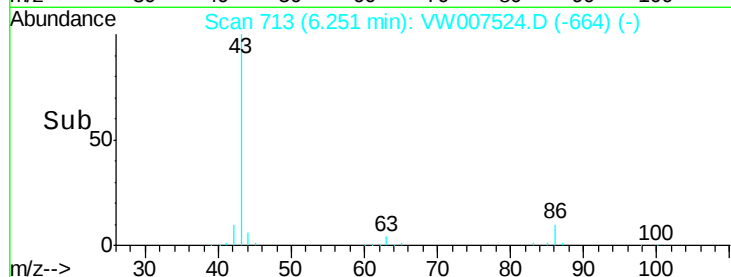
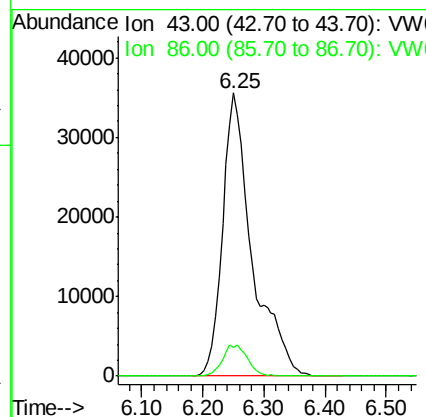
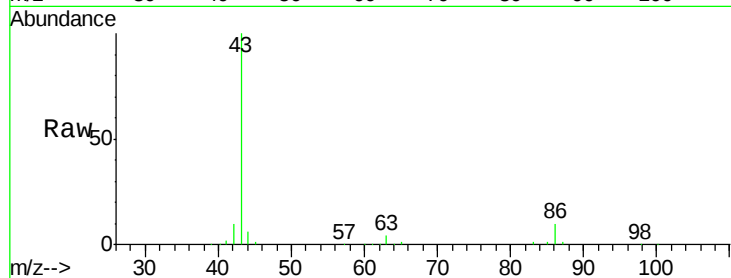
#23
 Vinyl Acetate
 Concen: 103.231 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampled :
 VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.6	12.8

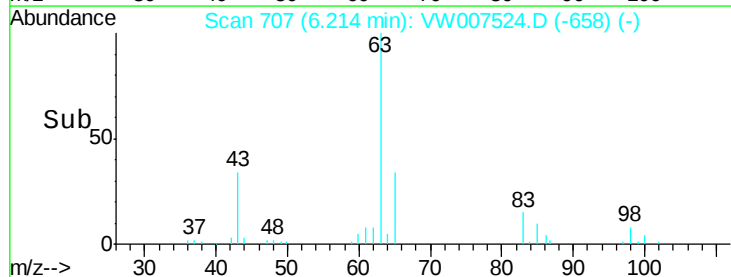
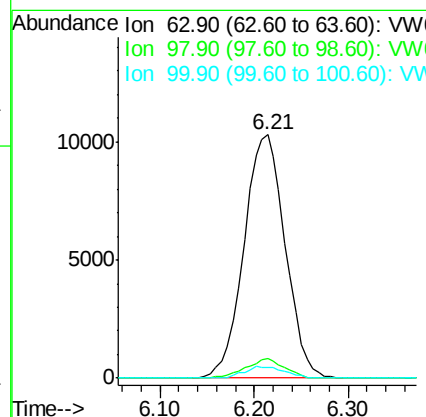
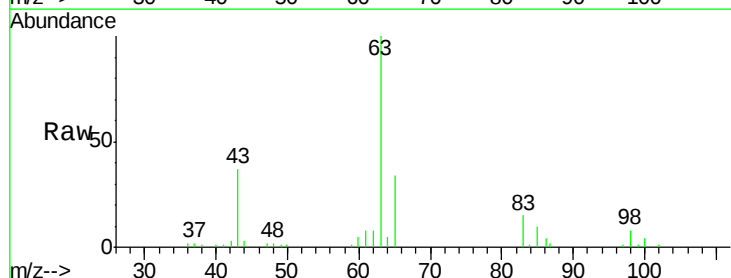
Manual Integrations
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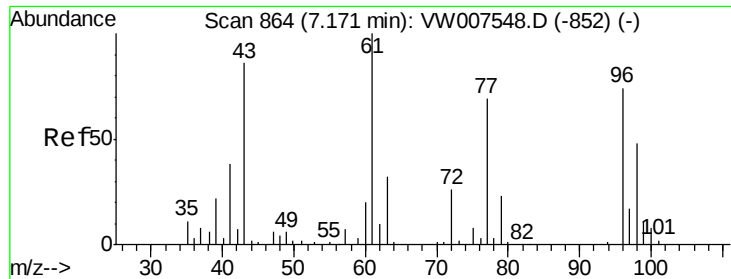
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#24
 1,1-Dichloroethane
 Concen: 22.424 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.5	10.4
100	4.1	2.5	7.5





#25

2-Butanone

Concen: 98.684 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS01

Tgt Ion: 43 Resp: 18623

Ion Ratio Lower Upper

43 100

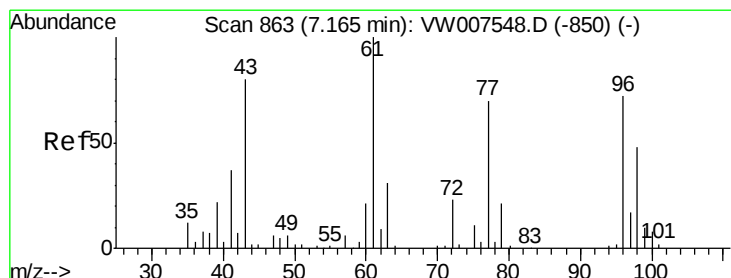
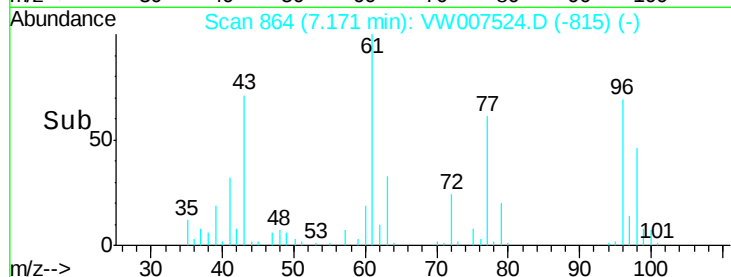
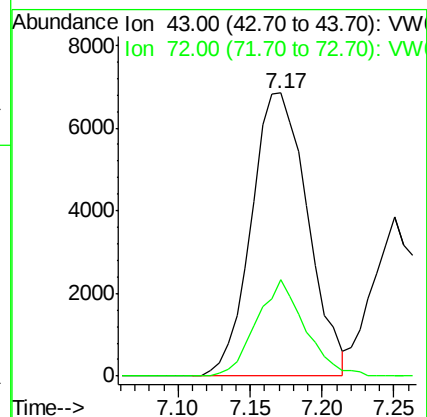
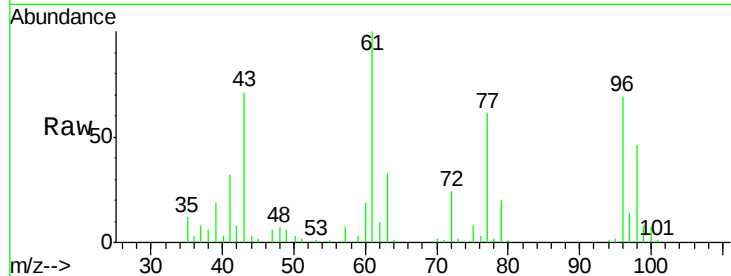
72 33.9 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.901 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007524.D

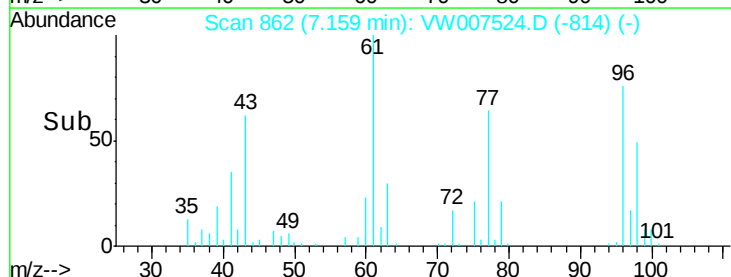
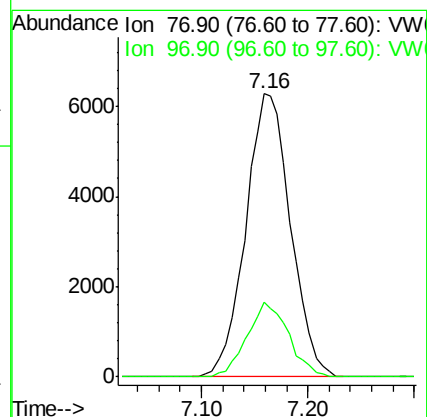
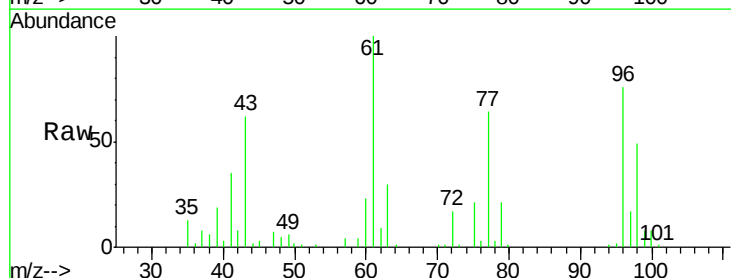
Acq: 14 Dec 2018 10:23

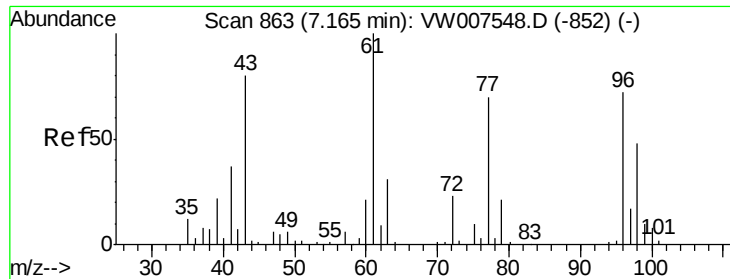
Tgt Ion: 77 Resp: 18456

Ion Ratio Lower Upper

77 100

97 24.4 11.6 34.8





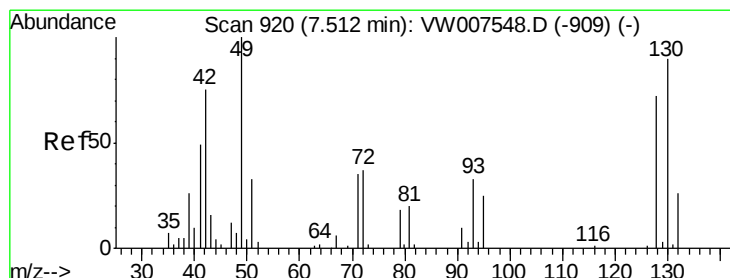
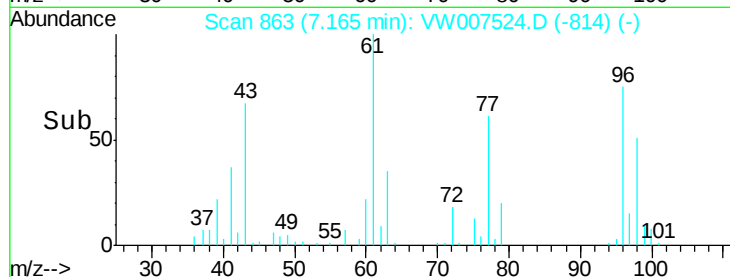
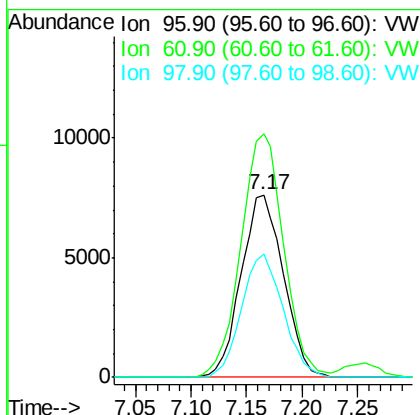
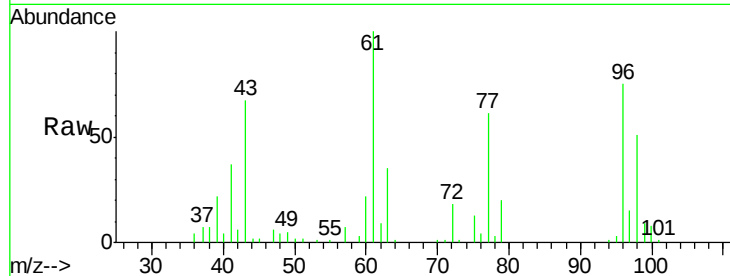
#27
 cis-1,2-Dichloroethene
 Concen: 22.448 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	268.4
98	66.5	0.0	127.8

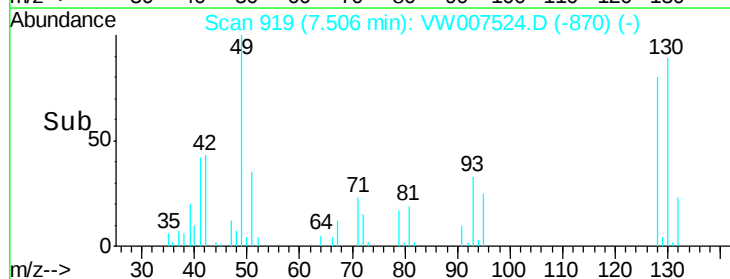
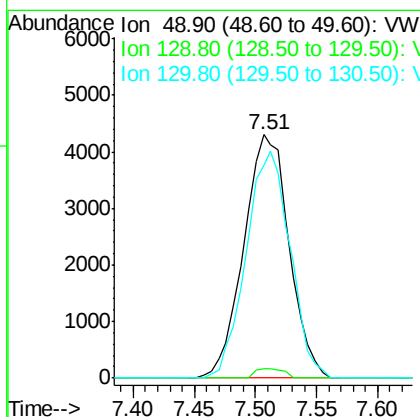
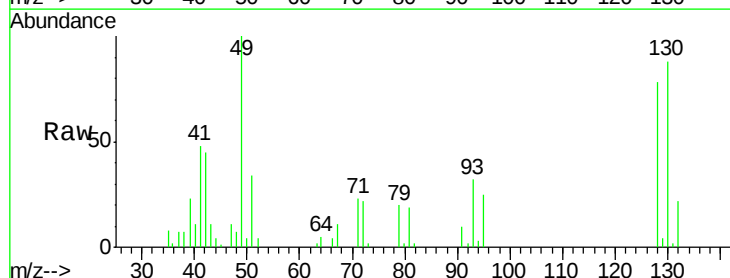
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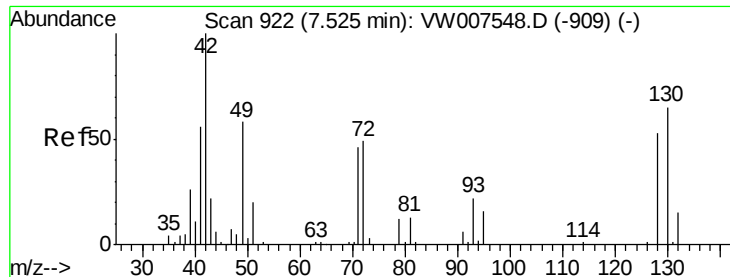
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#28
 Bromochloromethane
 Concen: 20.978 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	2.6
130	90.8	75.9	113.9





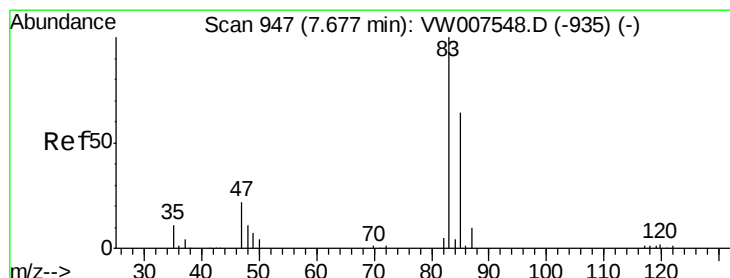
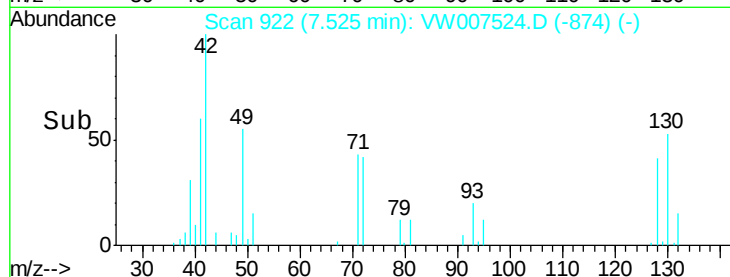
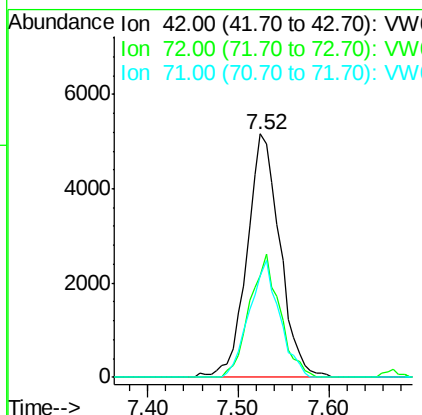
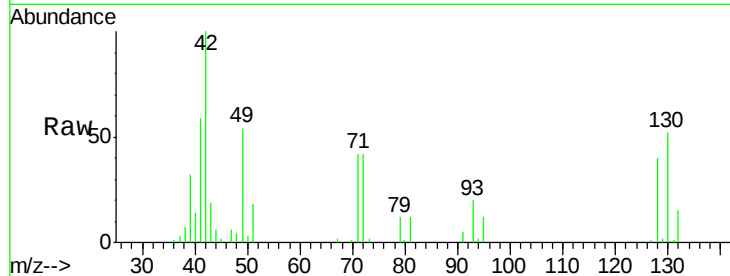
#29
Tetrahydrofuran
Concen: 108.573 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.4	38.2	57.4
71	43.8	35.5	53.3

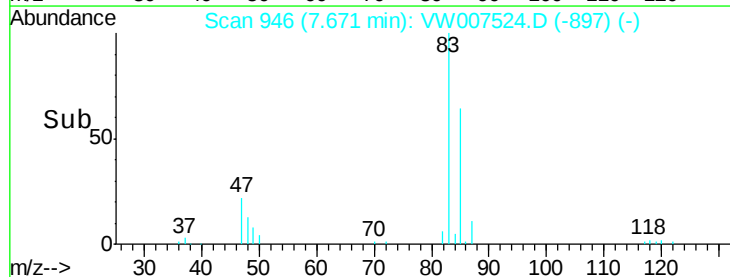
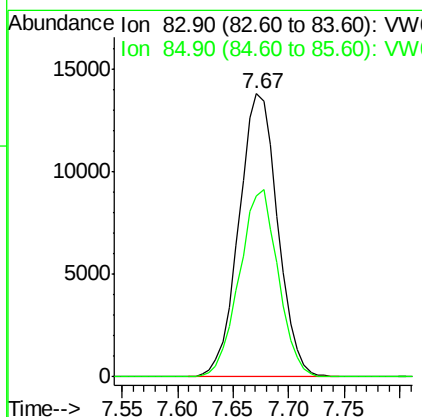
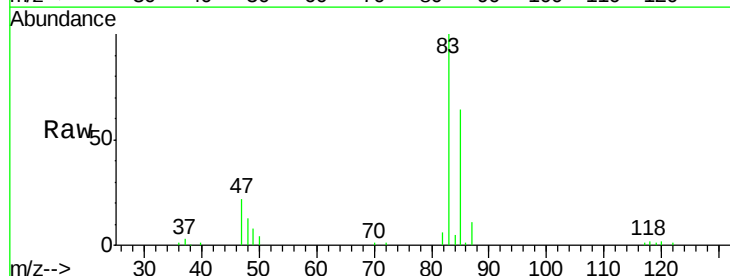
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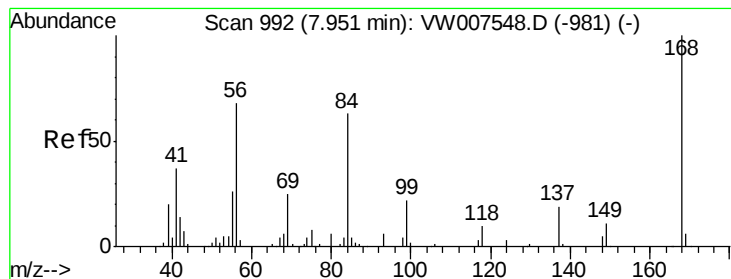
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#30
Chloroform
Concen: 21.948 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.8





#31

Cyclohexane

Concen: 21.400 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

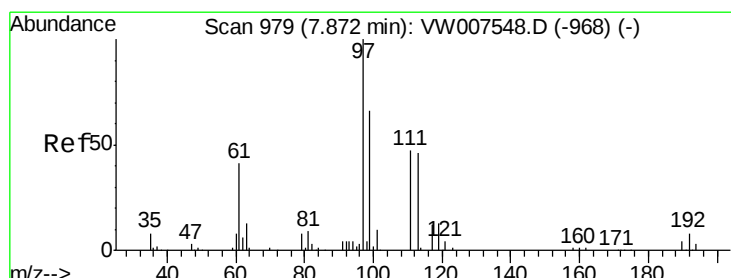
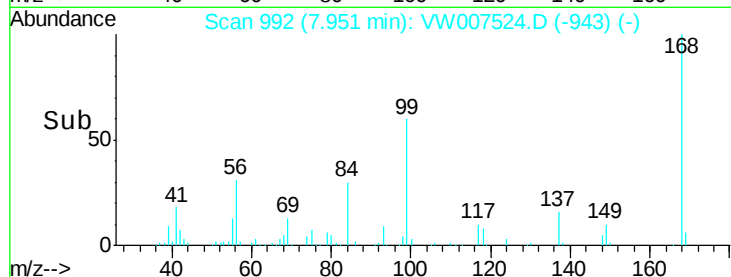
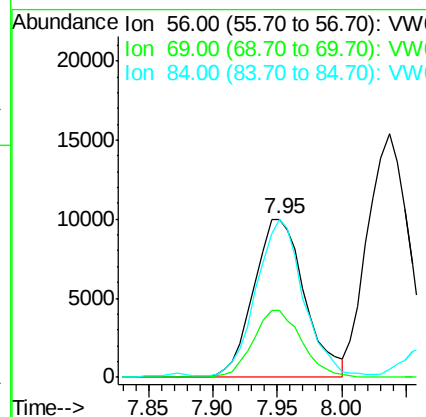
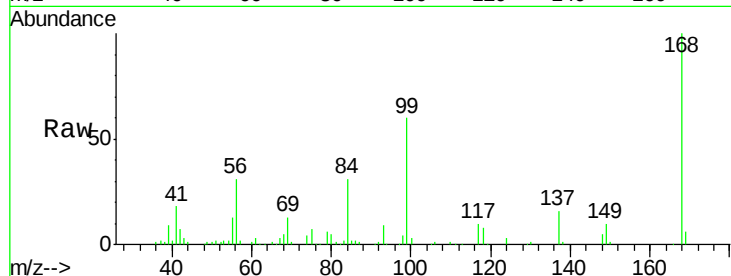
ClientSampleId :

VW1217SBS01

Tgt Ion:	56	Resp:	27512
Ion Ratio	Lower	Upper	
56	100		
69	42.2	28.9	43.3
84	98.1	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 22.593 ug/l

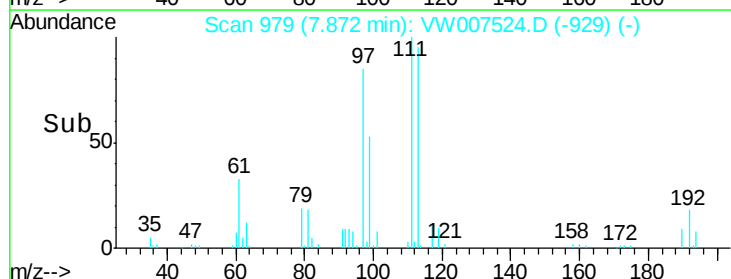
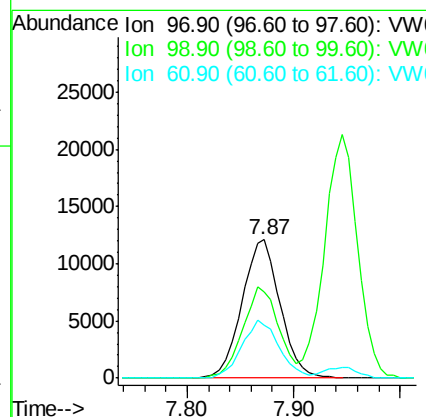
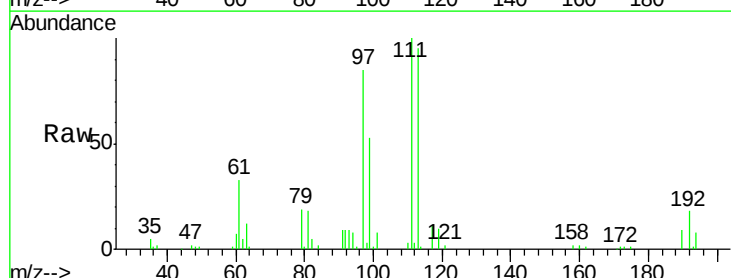
RT: 7.87 min Scan# 979

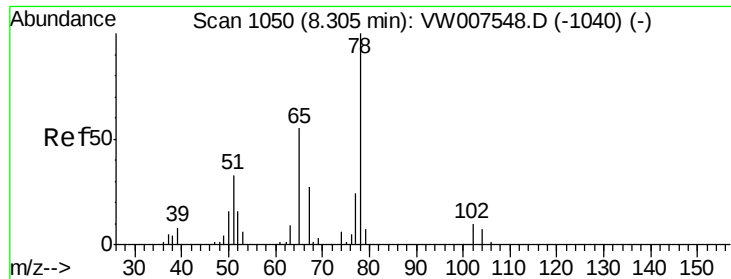
Delta R.T. 0.01 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Tgt Ion:	97	Resp:	30212
Ion Ratio	Lower	Upper	
97	100		
99	62.8	51.1	76.7
61	41.0	33.2	49.8





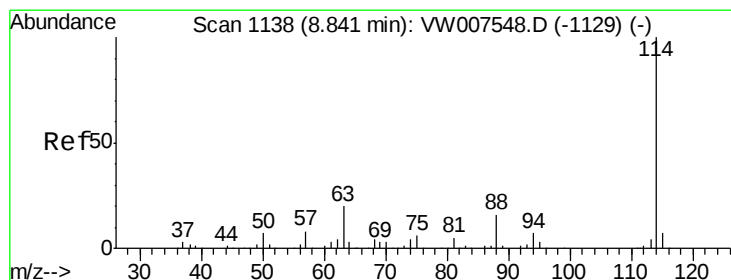
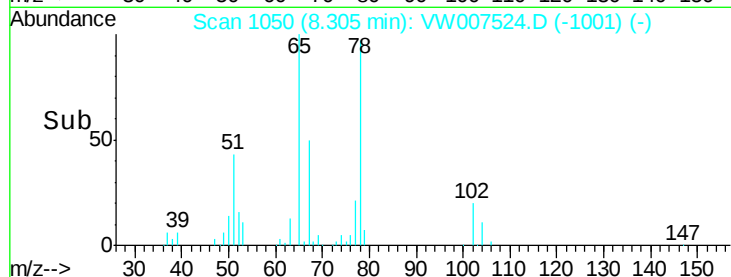
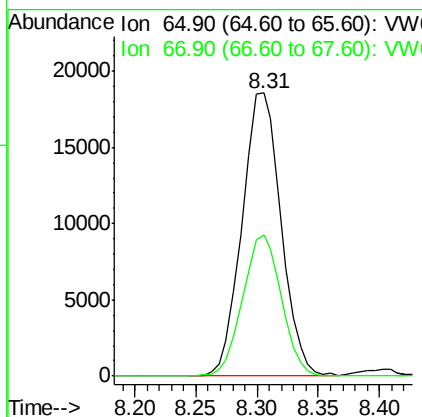
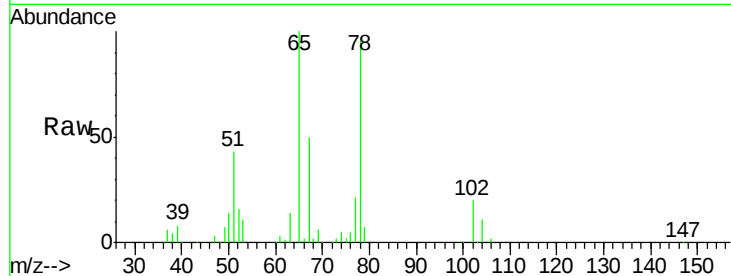
#33
 1,2-Dichloroethane-d4
 Concen: 49.958 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion: 65 Resp: 41344
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 101.6

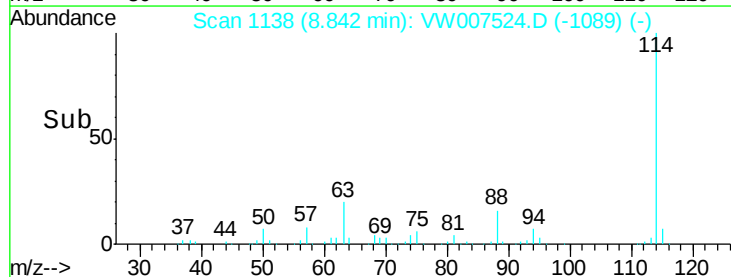
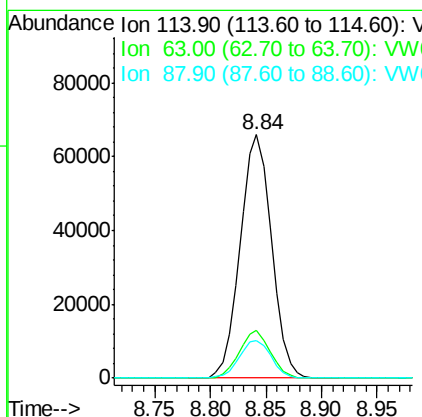
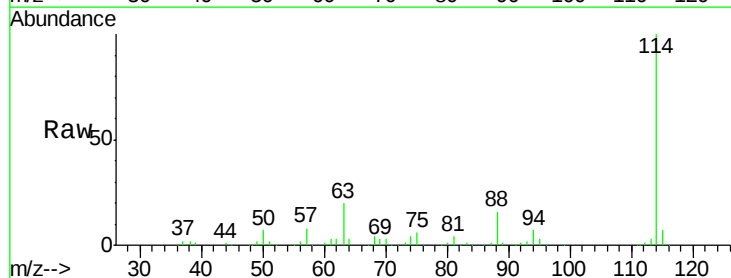
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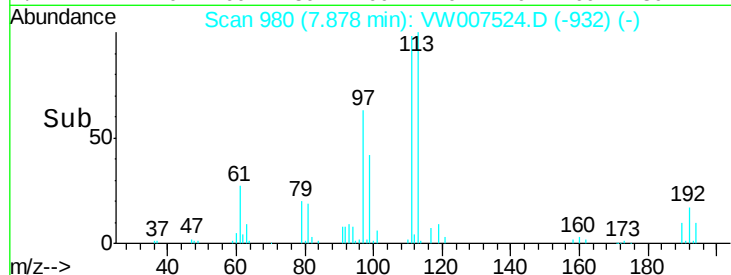
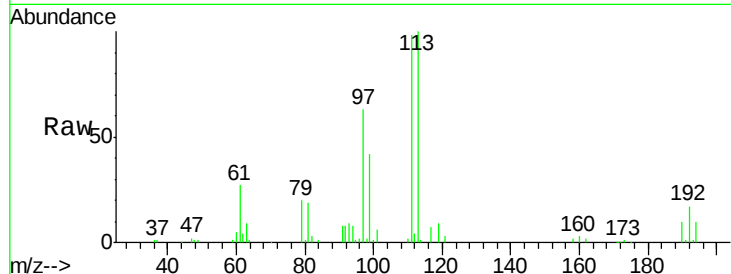
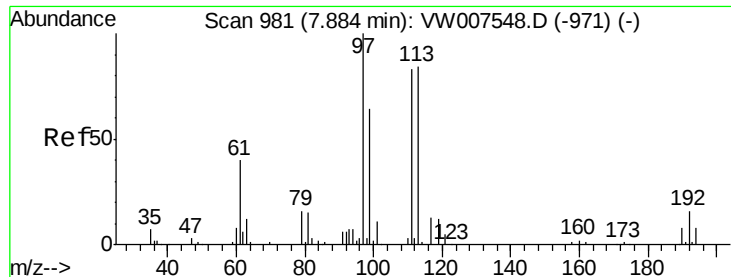
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion: 114 Resp: 128959
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 15.5 0.0 31.4





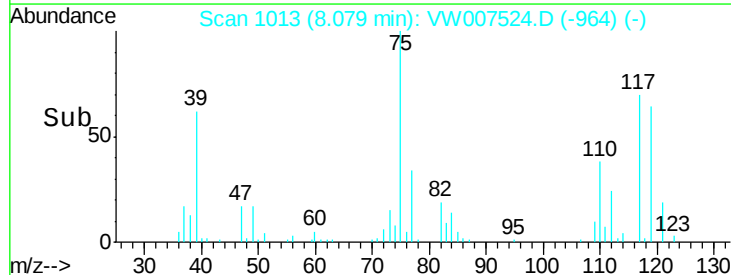
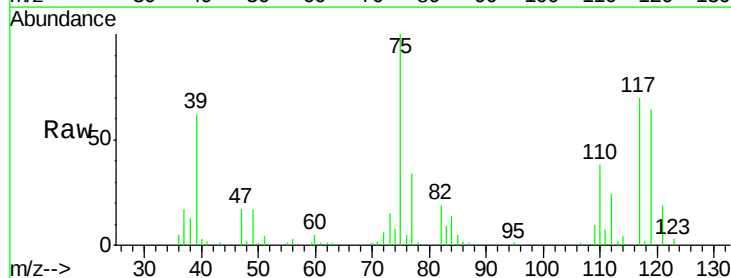
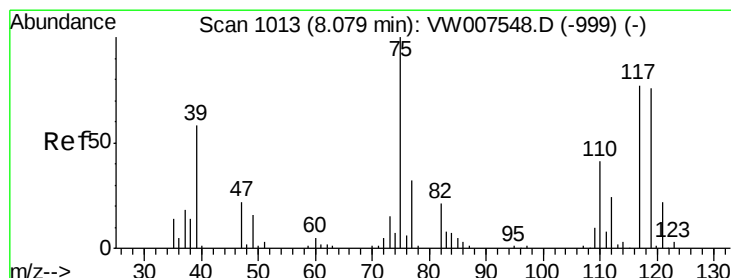
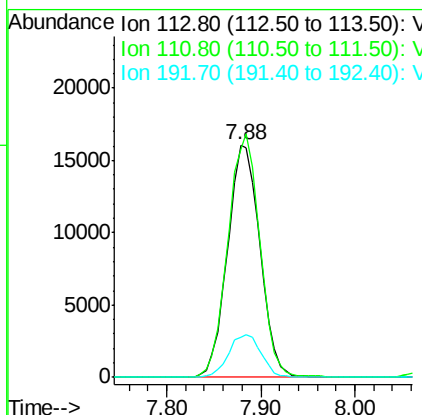
#35
Dibromofluoromethane
Concen: 49.279 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	38469		
111	103.5	81.1	121.7	
192	18.3	14.6	21.8	

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

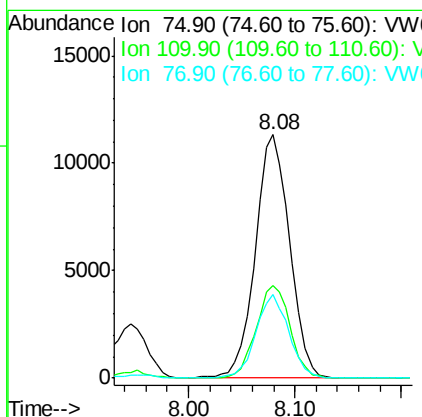
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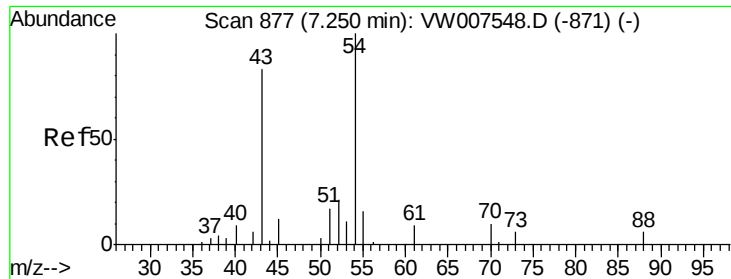
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#36
1,1-Dichloropropene
Concen: 21.703 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25532		
110	37.5	18.5	55.5	
77	32.9	25.6	38.4	





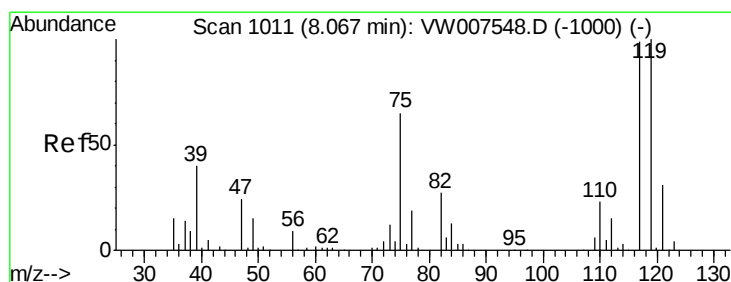
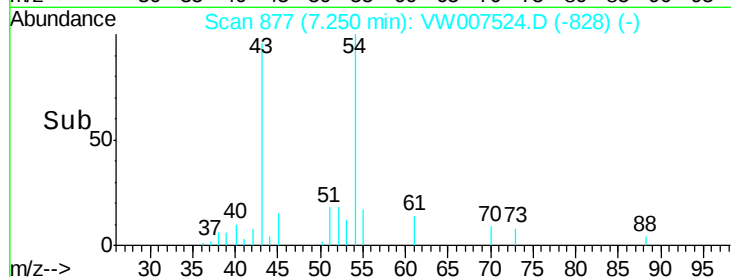
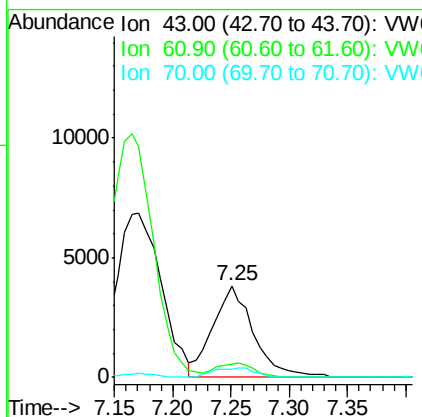
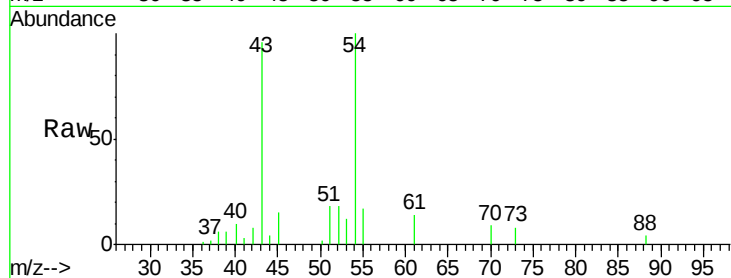
#37
Ethyl Acetate
Concen: 21.083 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion: 43 Resp: 9225
Ion Ratio Lower Upper
43 100
61 13.9 12.1 18.1
70 10.4 10.0 15.0

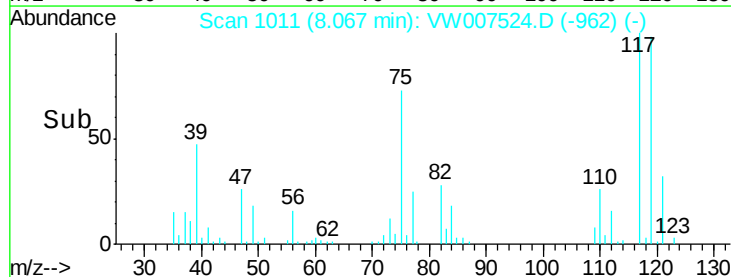
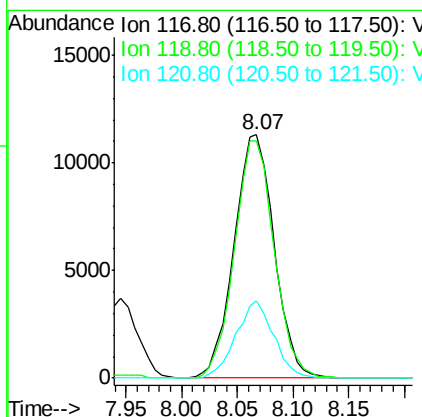
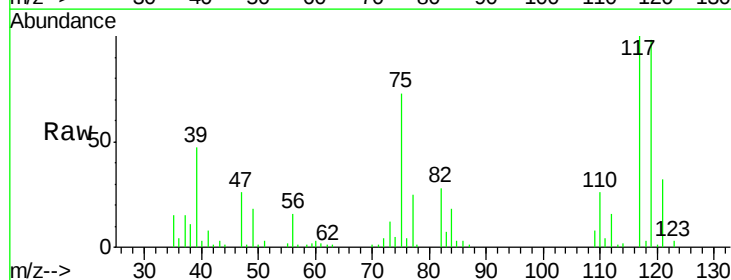
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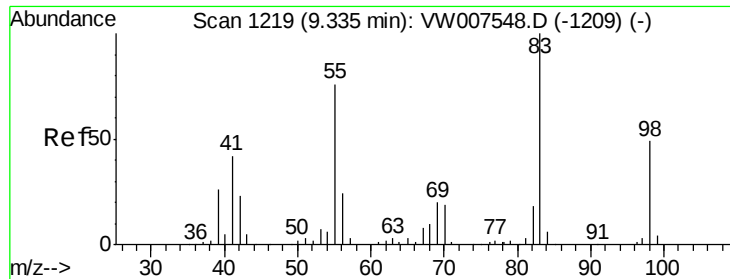
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#38
Carbon Tetrachloride
Concen: 22.168 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion: 117 Resp: 28376
Ion Ratio Lower Upper
117 100
119 97.7 74.3 111.5
121 31.7 24.3 36.5





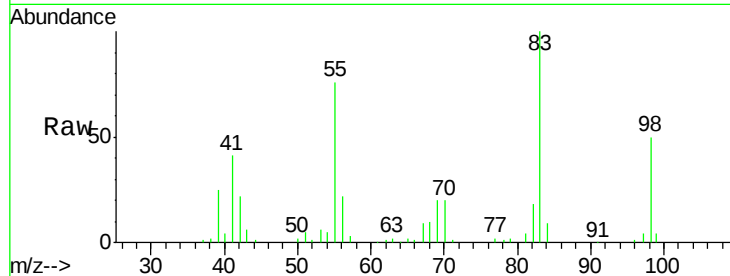
#39
Methylcyclohexane
Concen: 21.502 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

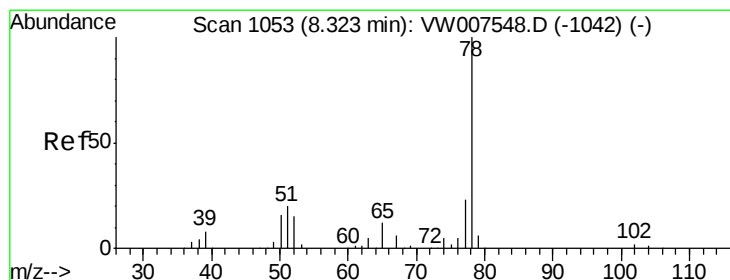
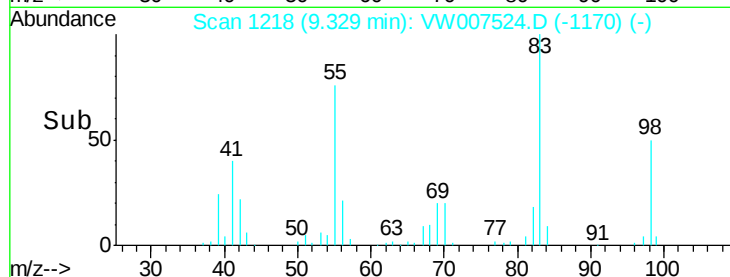
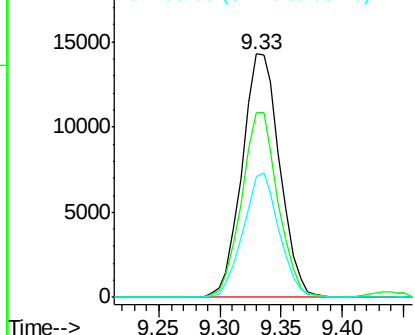
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.8	62.8	94.2
98	49.6	42.2	63.2

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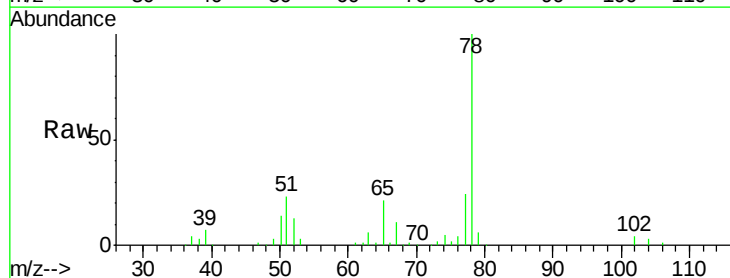


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

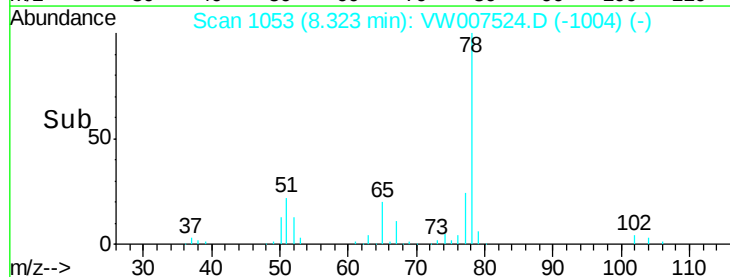
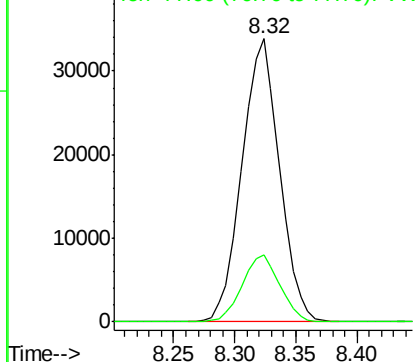


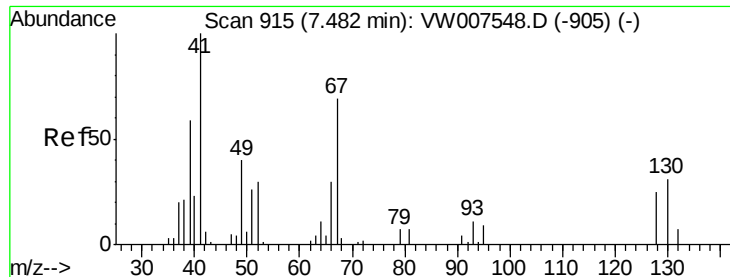
#40
Benzene
Concen: 22.132 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





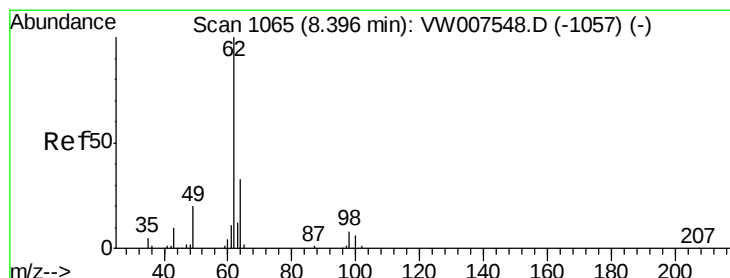
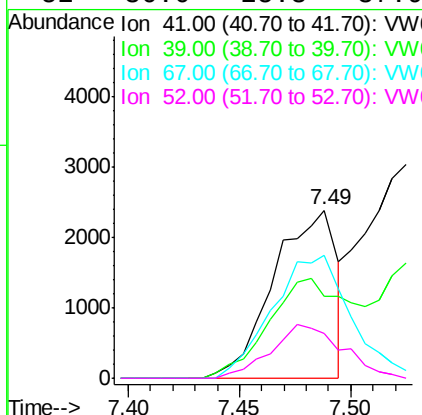
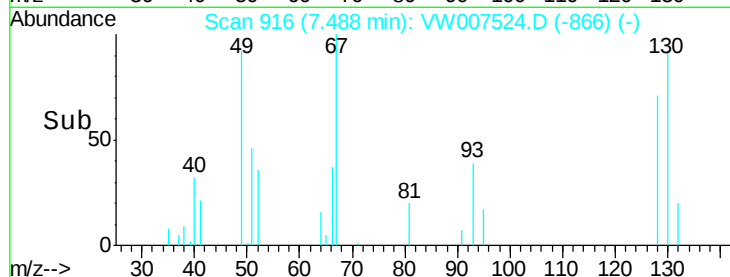
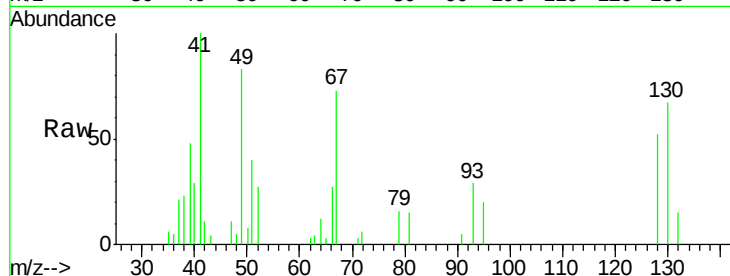
#41
Methacrylonitrile
Concen: 18.783 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion:	41	Resp:	4680
Ion	Ratio	Lower	Upper
41	100		
39	79.3	52.2	78.2#
67	90.7	60.5	90.7
52	36.0	25.3	37.9

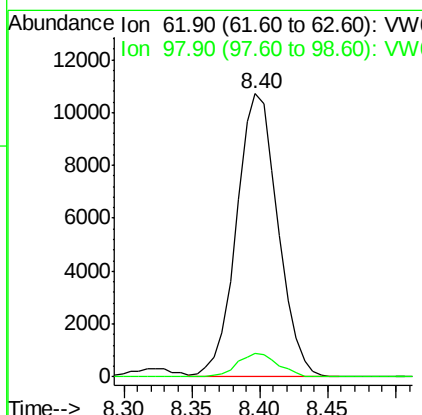
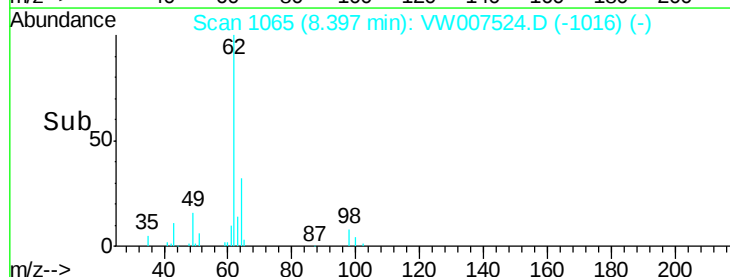
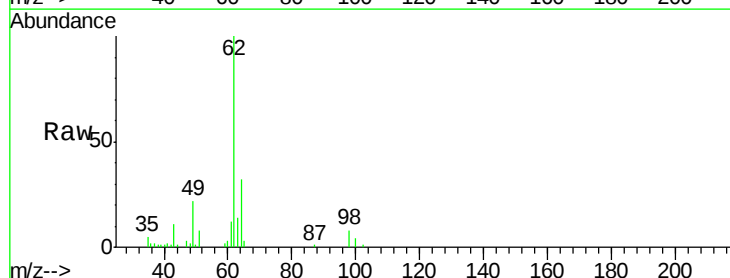
Manual Integrations
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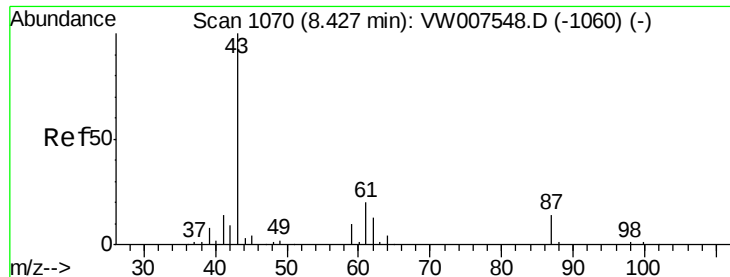
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#42
1,2-Dichloroethane
Concen: 22.184 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion:	62	Resp:	22751
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.6





#43

Isopropyl Acetate

Concen: 20.500 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

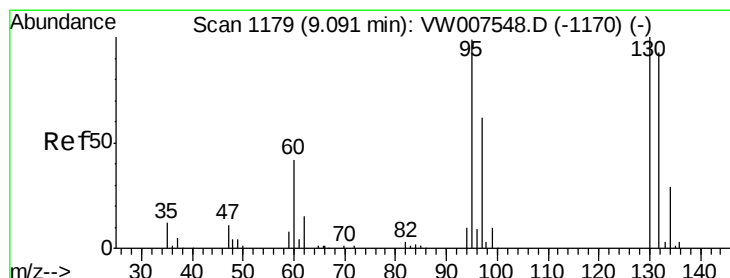
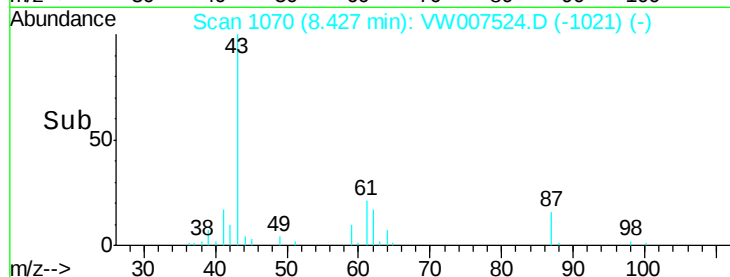
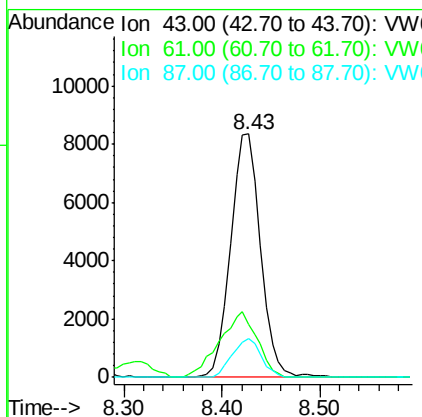
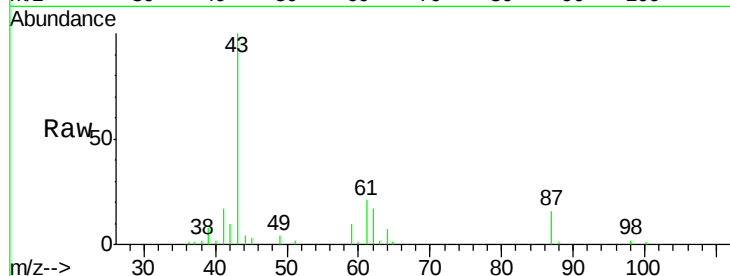
ClientSampleId :

VW1217SBS01

Tgt Ion:	43	Resp:	17718
Ion	Ratio	Lower	Upper
43	100		
61	34.0	25.3	37.9
87	15.4	11.8	17.8

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#44

Trichloroethene

Concen: 22.644 ug/l

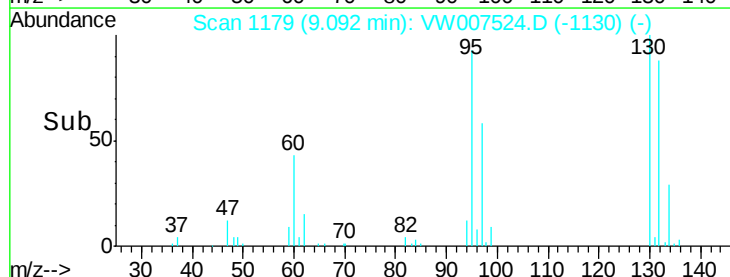
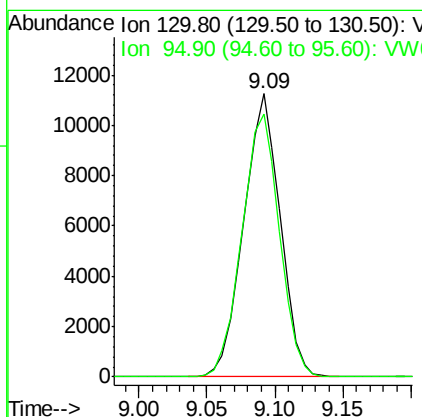
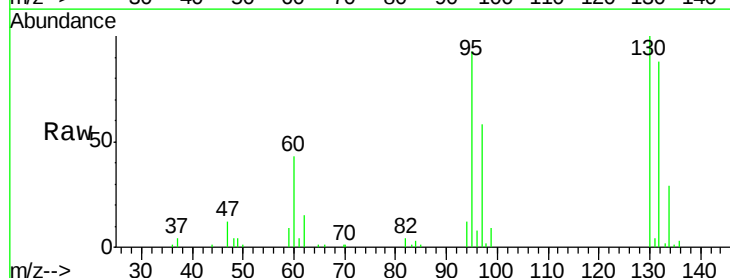
RT: 9.09 min Scan# 1179

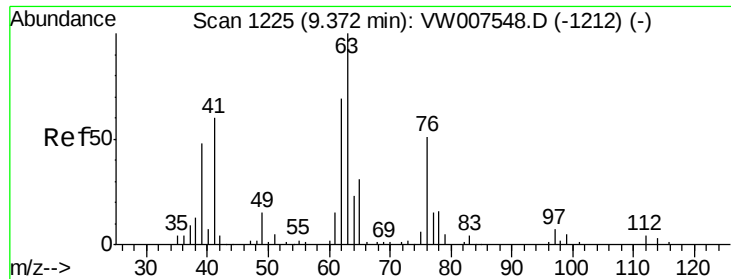
Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Tgt Ion:	130	Resp:	21110
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	193.2





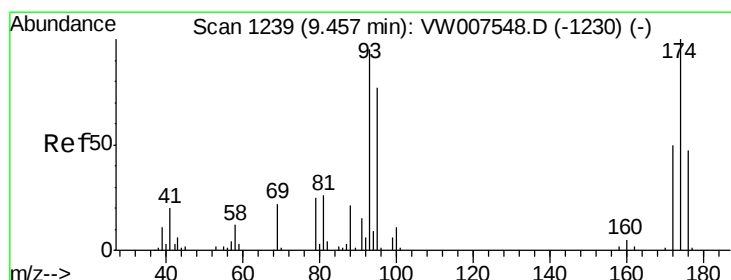
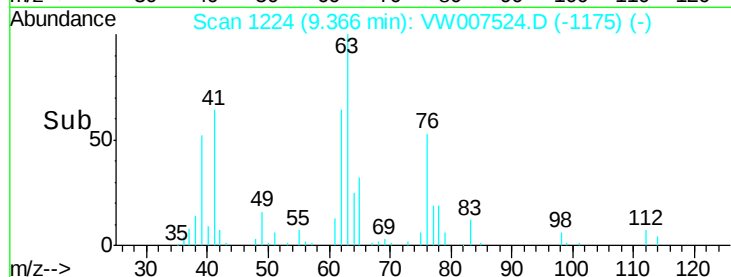
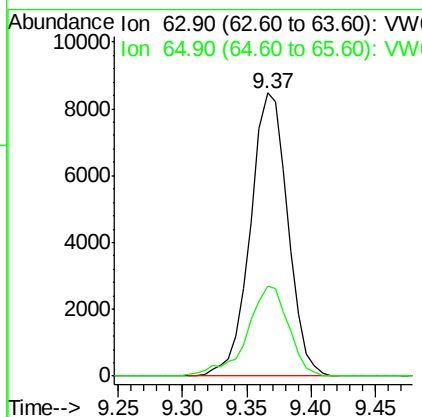
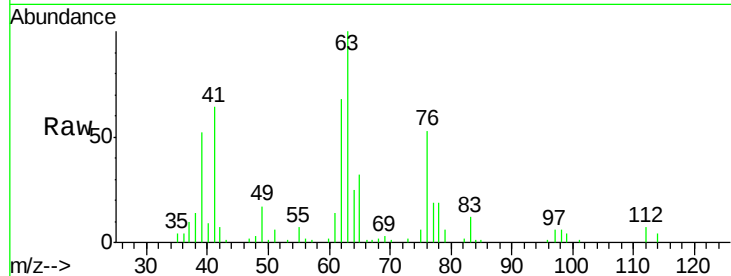
#45
 1,2-Dichloropropane
 Concen: 22.518 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion: 63 Resp: 17012
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6

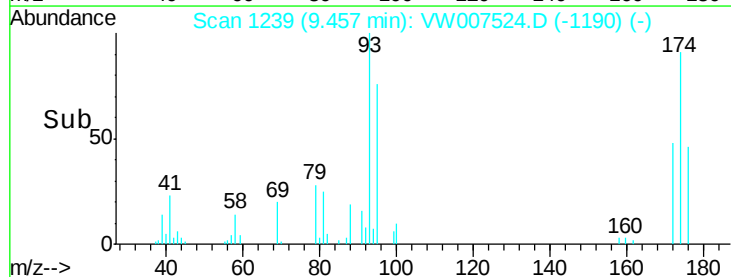
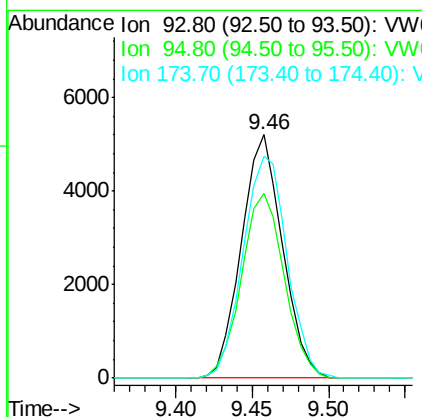
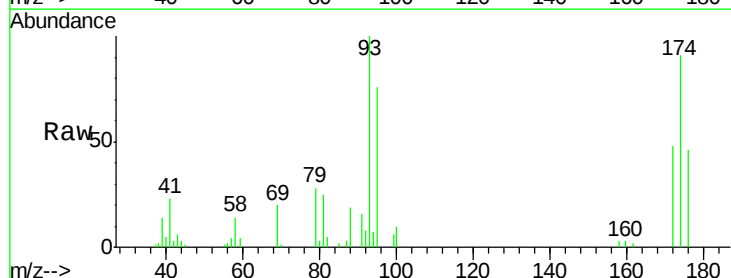
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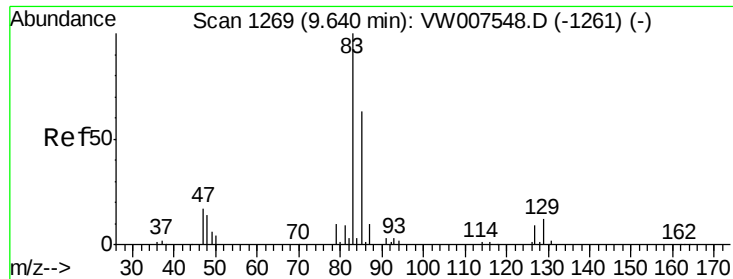
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#46
 Dibromomethane
 Concen: 22.653 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion: 93 Resp: 9719
 Ion Ratio Lower Upper
 93 100
 95 78.9 68.0 102.0
 174 98.0 83.2 124.8





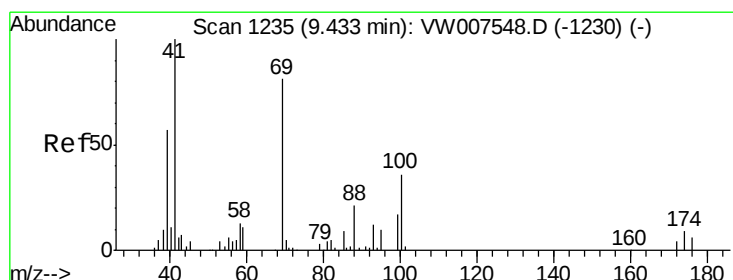
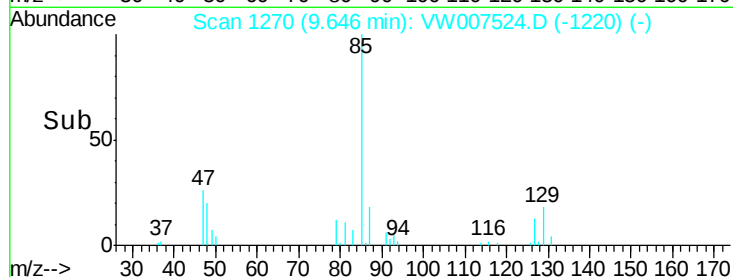
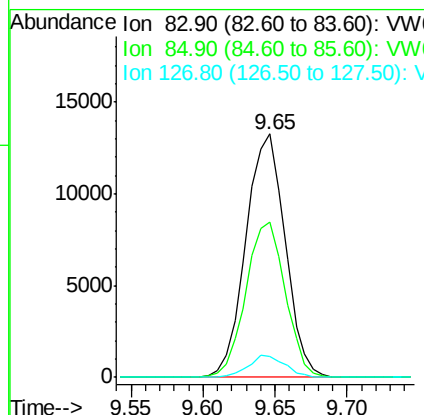
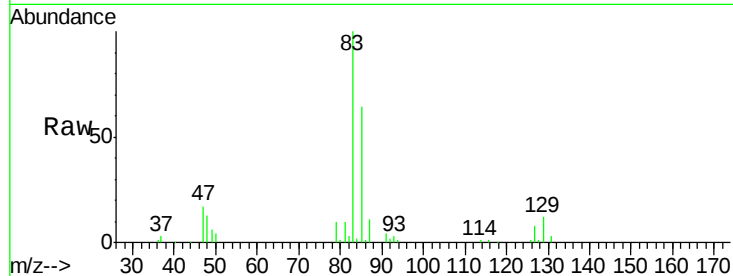
#47
Bromodichloromethane
Concen: 22.233 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	25021		
85	63.6	47.6	71.4	
127	8.4	6.7	10.1	

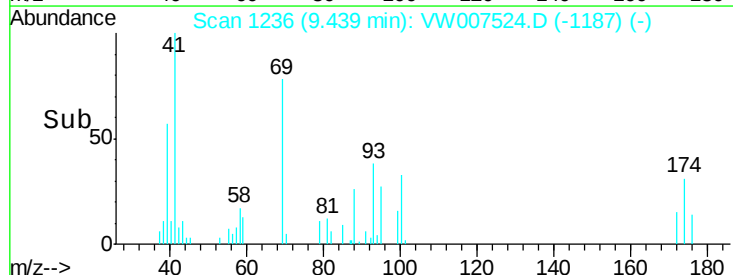
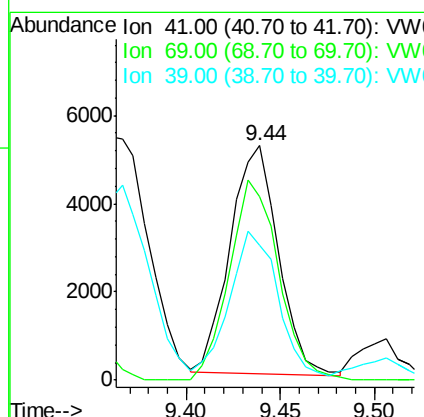
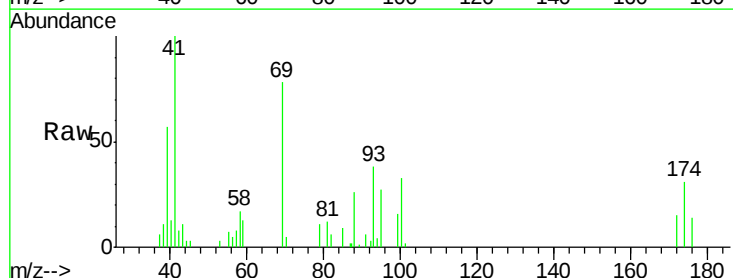
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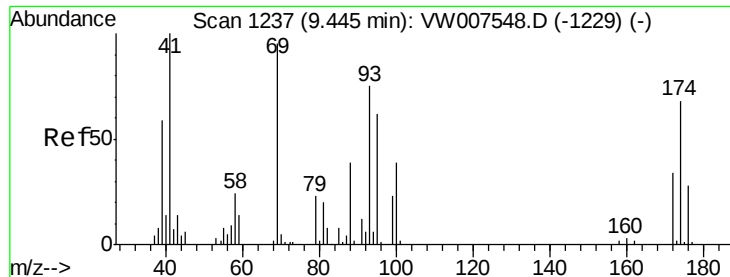
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#48
Methyl methacrylate
Concen: 20.708 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	9192		
69	89.6	69.8	104.8	
39	67.1	50.9	76.3	





#49

1,4-Dioxane

Concen: 460.682 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS01

Tgt Ion: 88 Resp: 3207

Ion Ratio Lower Upper

88 100

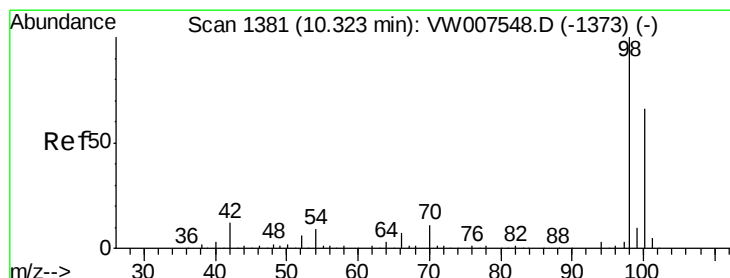
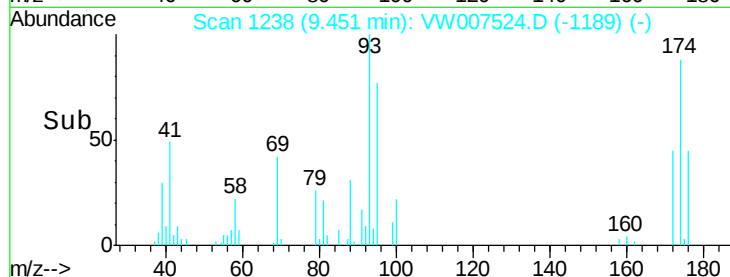
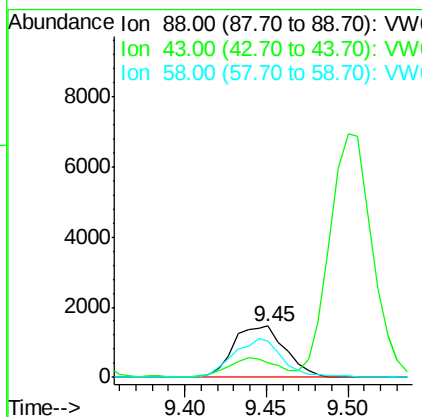
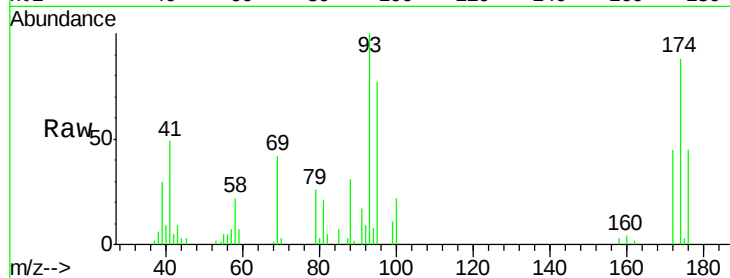
43 37.9 25.0 37.4#

58 72.6 51.4 77.2

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#50

Toluene-d8

Concen: 50.957 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007524.D

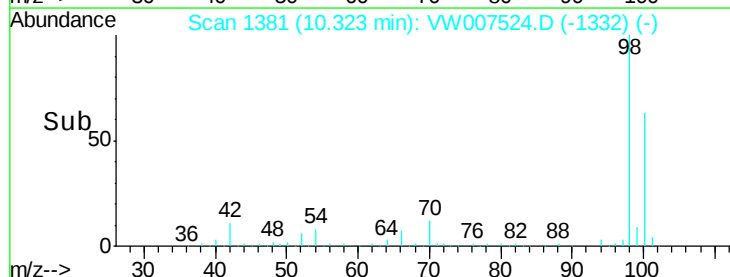
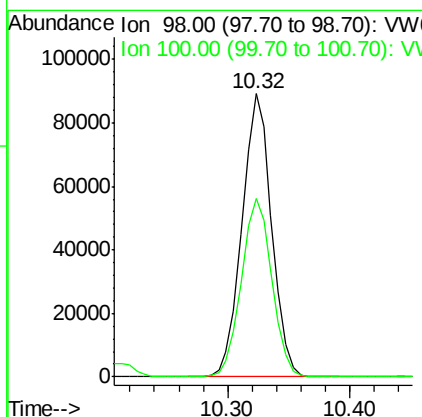
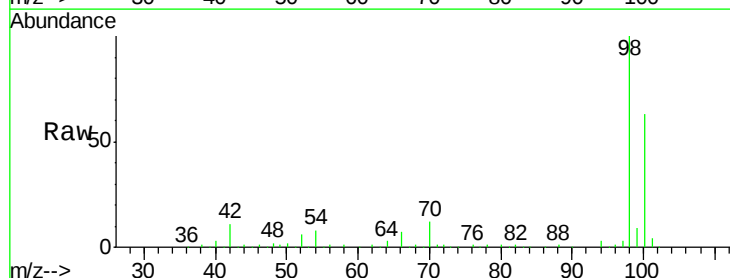
Acq: 14 Dec 2018 10:23

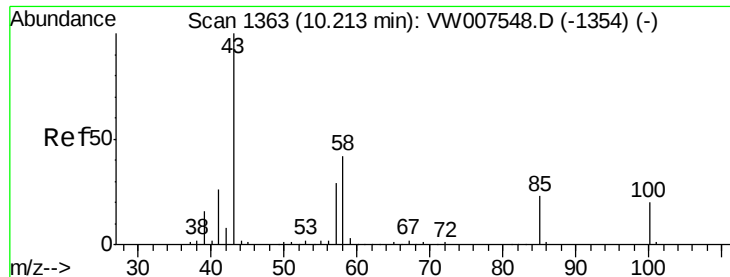
Tgt Ion: 98 Resp: 149151

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8





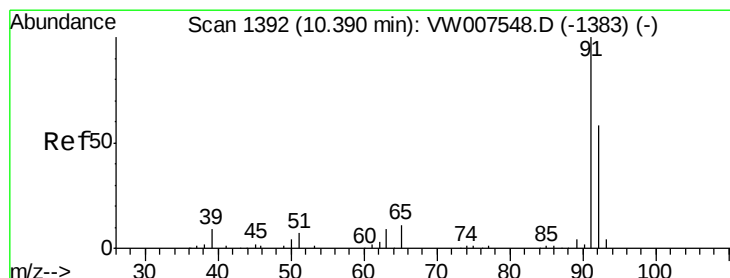
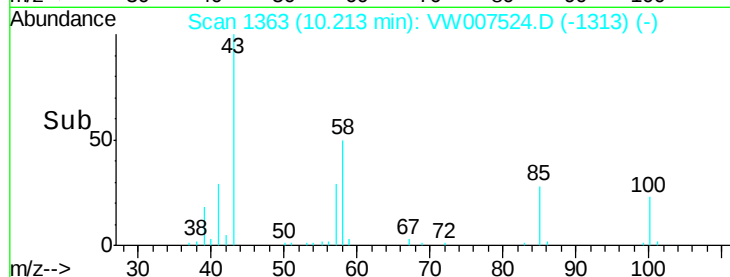
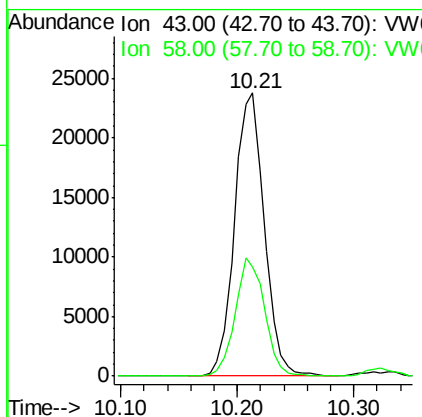
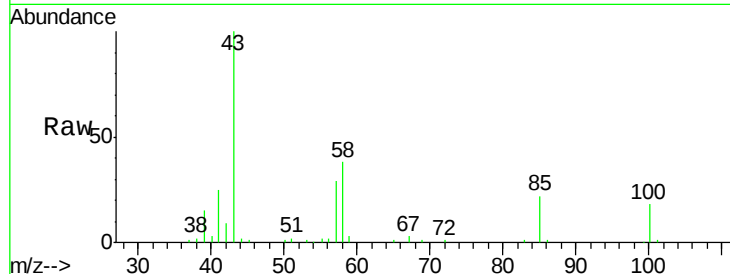
#51
4-Methyl-2-Pentanone
Concen: 103.767 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion: 43 Resp: 42376
Ion Ratio Lower Upper
43 100
58 41.0 33.1 49.7

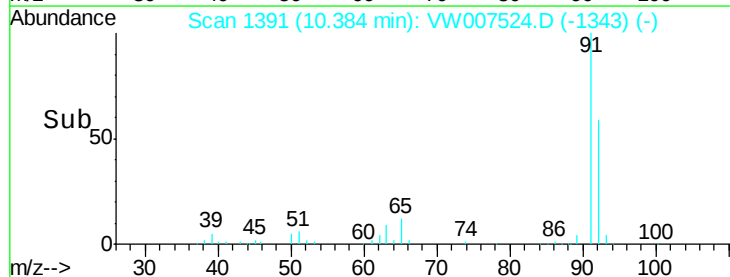
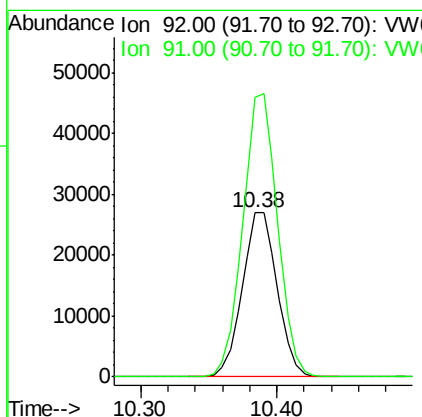
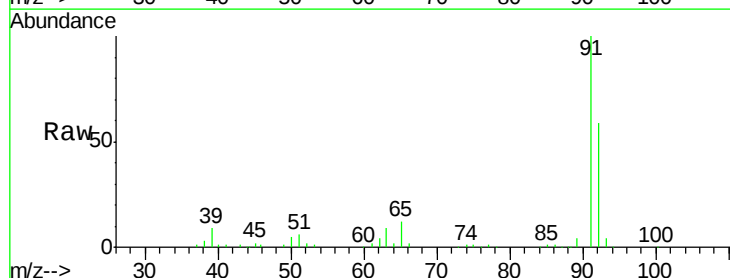
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#52
Toluene
Concen: 22.887 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion: 92 Resp: 48354
Ion Ratio Lower Upper
92 100
91 171.6 136.2 204.2





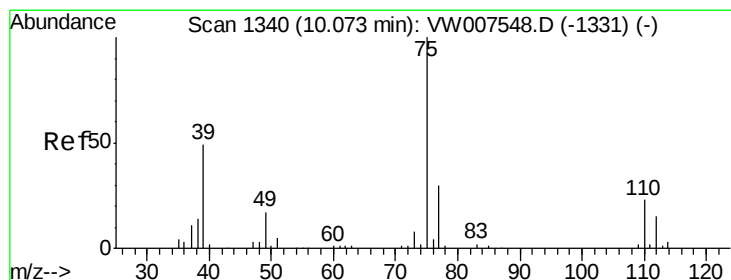
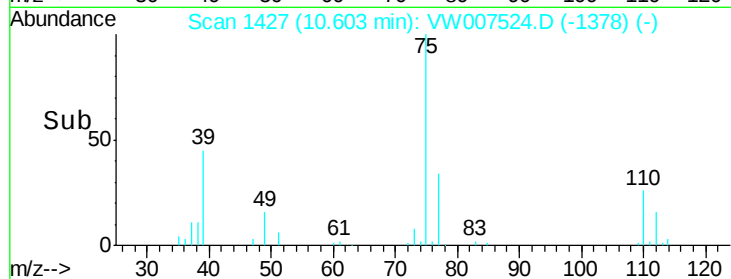
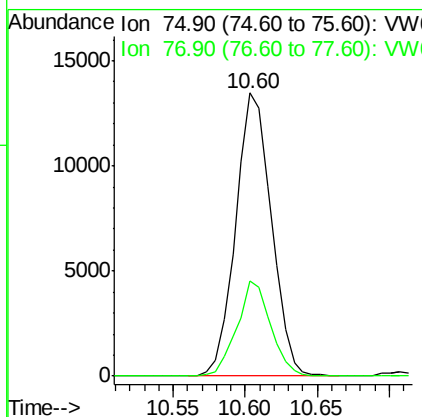
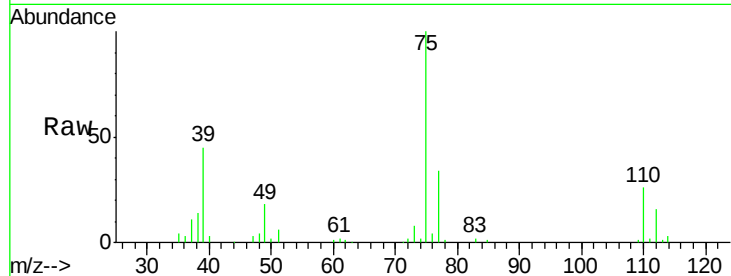
#53
 t-1,3-Dichloropropene
 Concen: 21.206 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion: 75 Resp: 23169
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.2 39.4

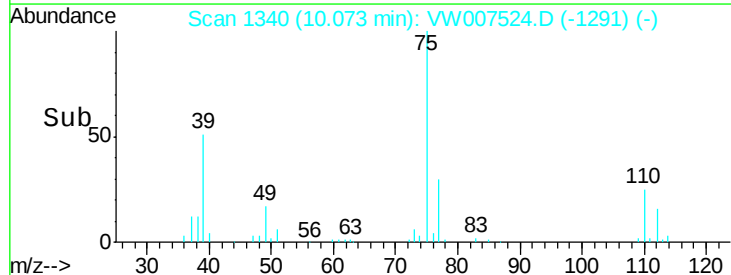
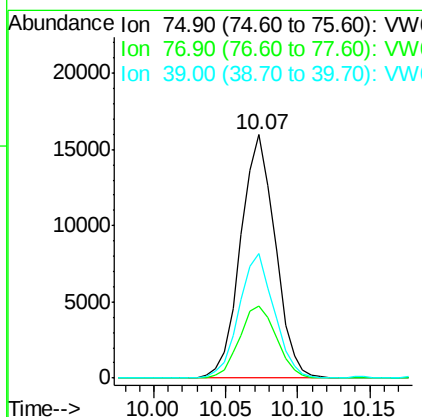
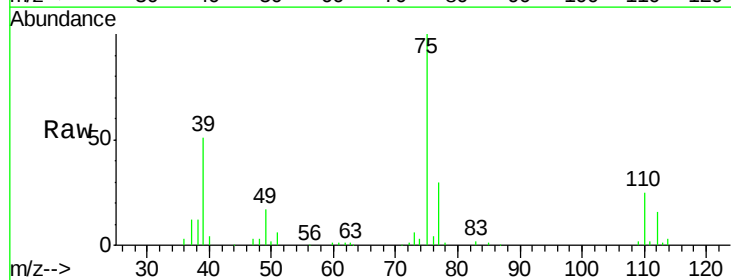
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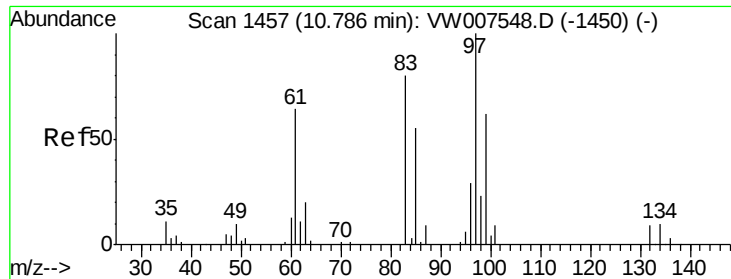
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#54
 cis-1,3-Dichloropropene
 Concen: 21.100 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion: 75 Resp: 26649
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.8 37.2
 39 51.1 40.9 61.3





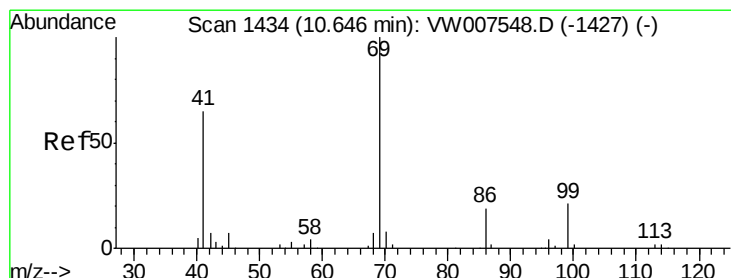
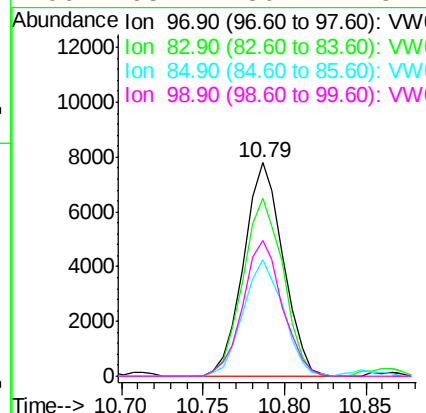
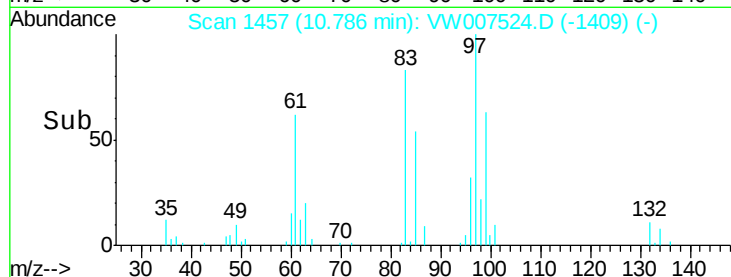
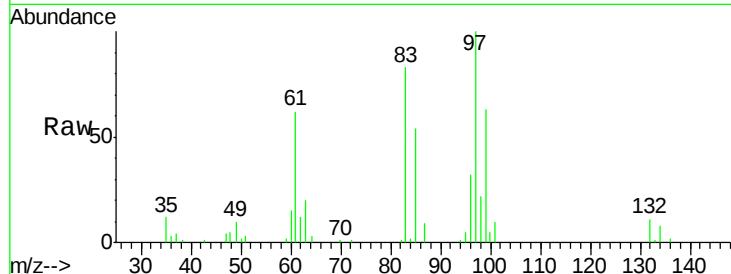
#55
 1,1,2-Trichloroethane
 Concen: 22.532 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	13157		
83	83.2	62.1	93.1	
85	54.4	44.2	66.4	
99	63.2	50.2	75.4	

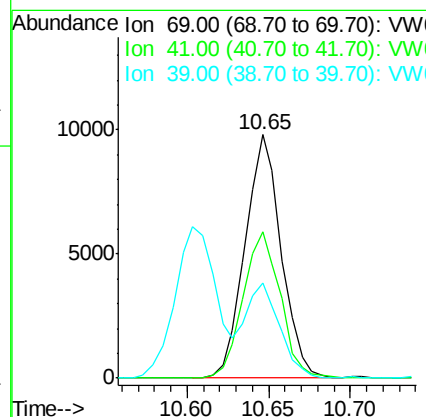
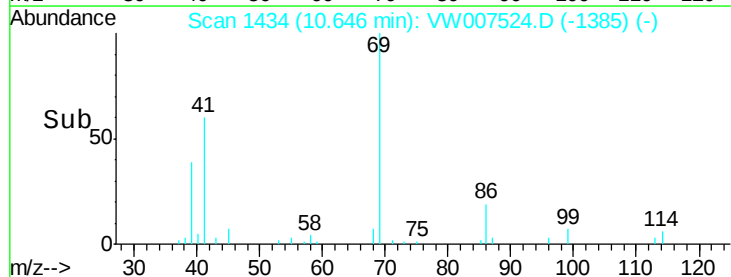
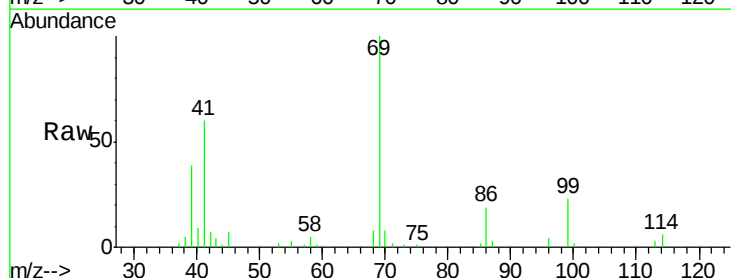
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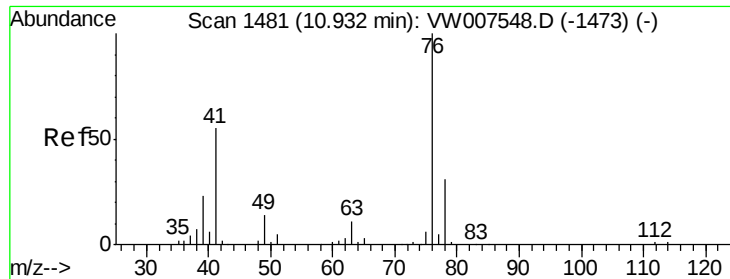
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#56
 Ethyl methacrylate
 Concen: 21.594 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	15156		
41	61.5	51.0	76.6	
39	36.9	30.8	46.2	





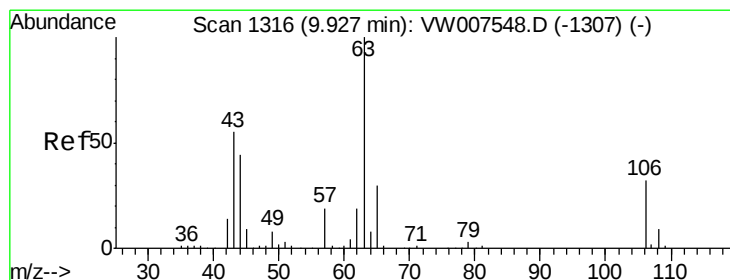
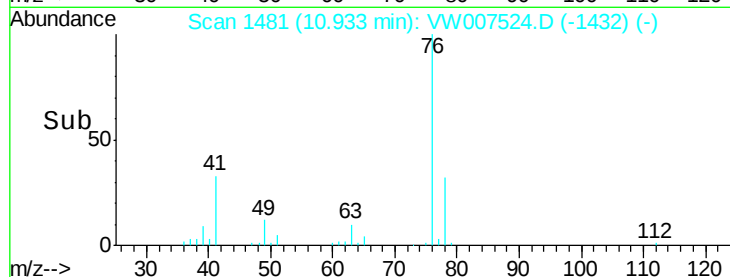
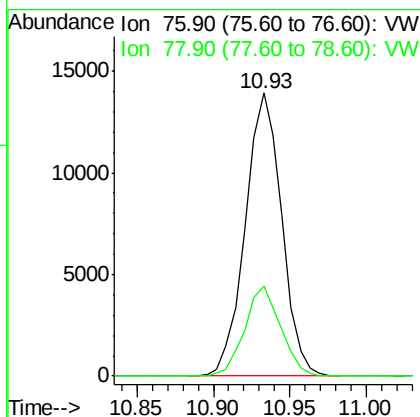
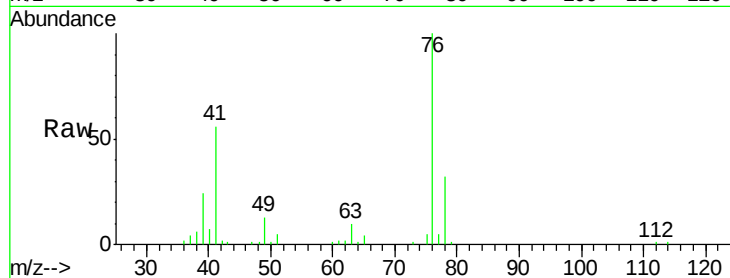
#57
 1,3-Dichloropropane
 Concen: 23.992 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion: 76 Resp: 22994
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.2 39.4

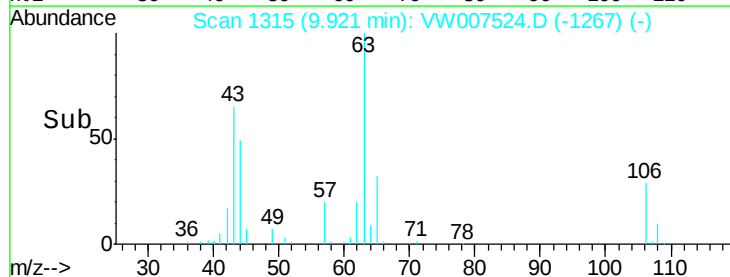
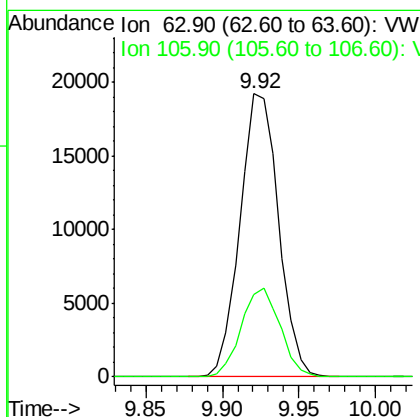
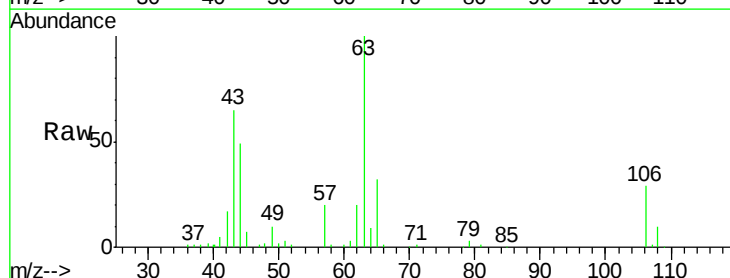
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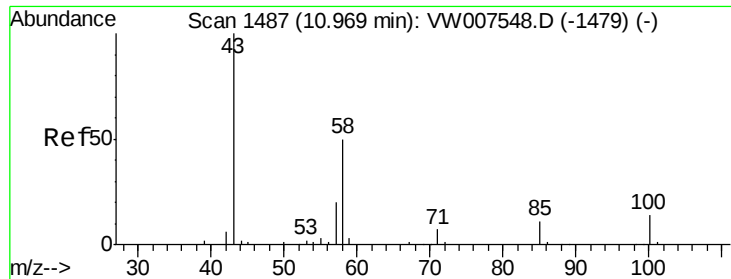
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.231 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion: 63 Resp: 33735
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.0 37.6





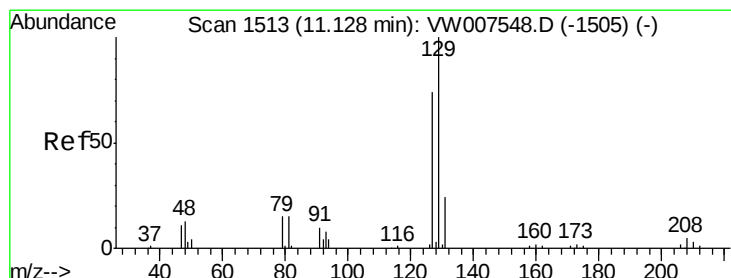
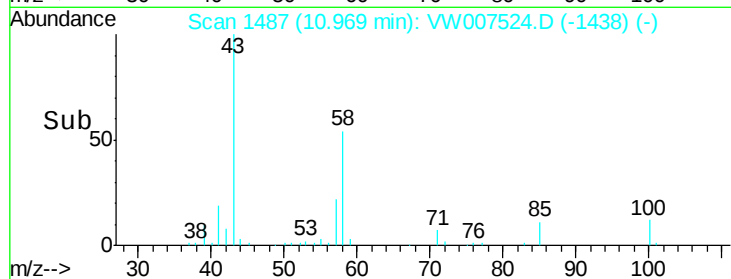
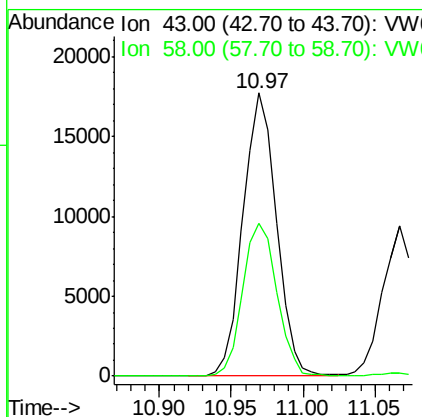
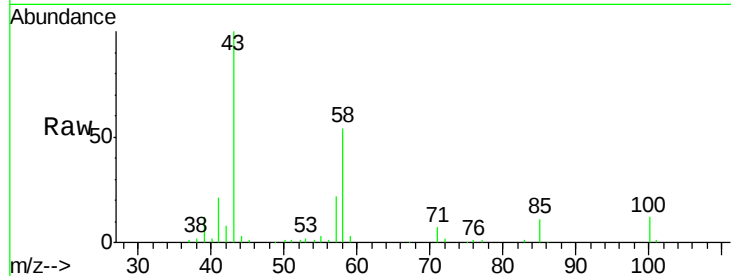
#59
2-Hexanone
Concen: 104.713 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion: 43 Resp: 28514
Ion Ratio Lower Upper
43 100
58 55.2 27.1 81.3

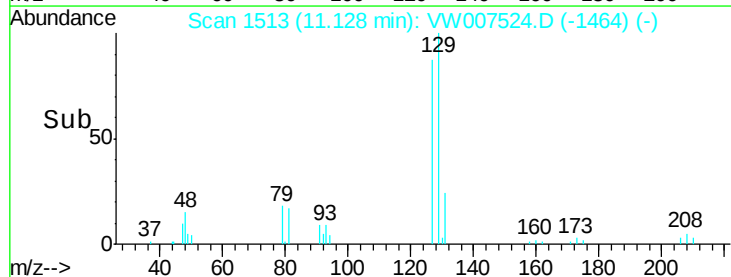
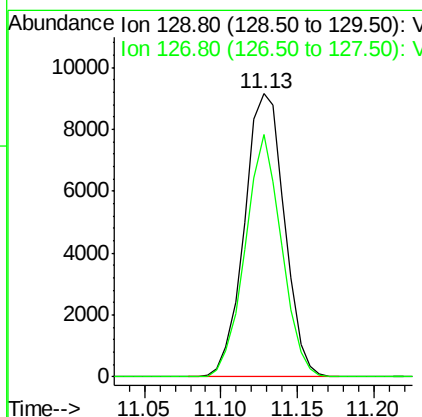
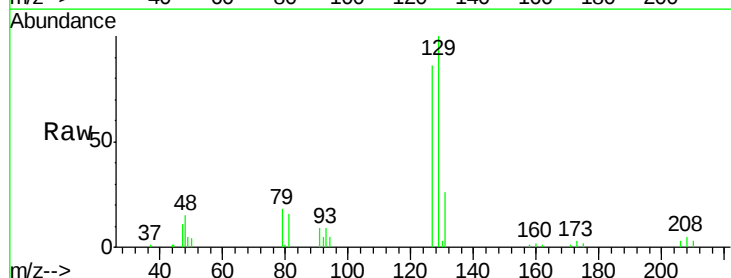
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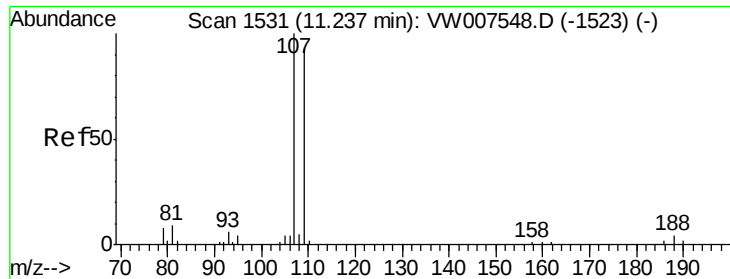
apatel
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#60
Dibromochloromethane
Concen: 22.607 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion: 129 Resp: 16659
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 22.428 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS01

Tgt Ion: 107 Resp: 12942

Ion Ratio Lower Upper

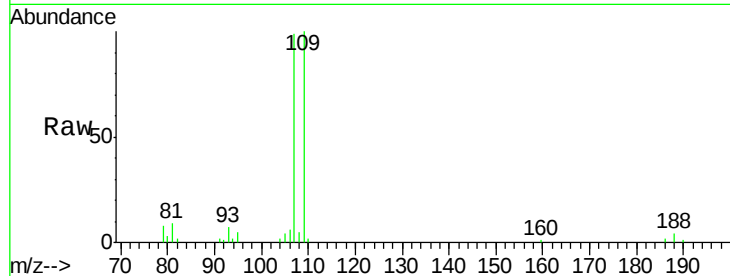
107 100

109 96.3 79.1 118.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

8000

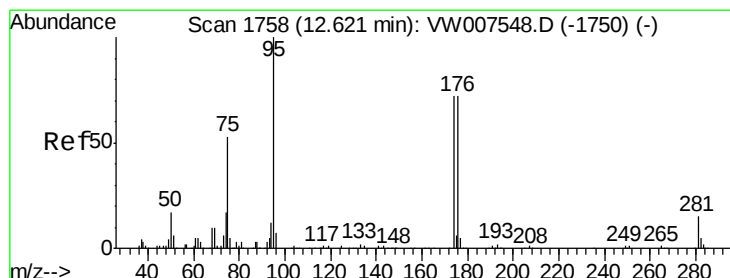
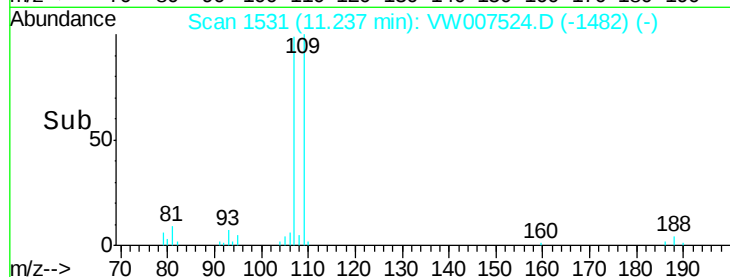
6000

4000

2000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 52.252 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

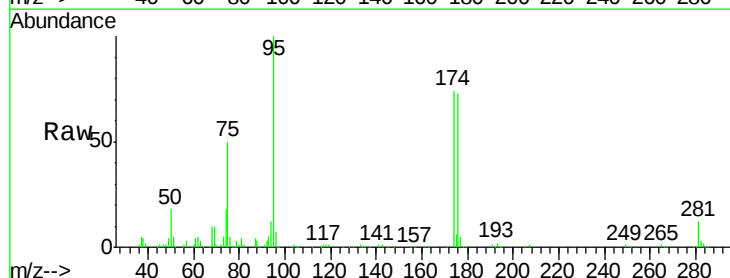
Tgt Ion: 95 Resp: 56232

Ion Ratio Lower Upper

95 100

174 74.7 0.0 147.2

176 72.9 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

40000

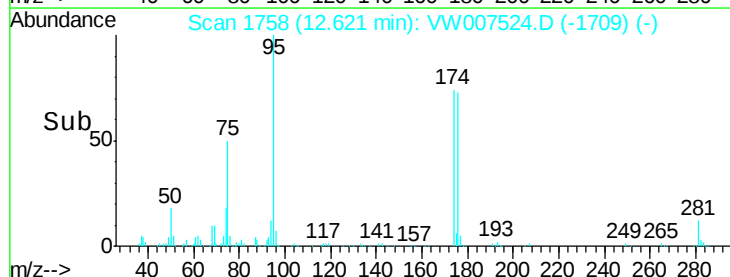
30000

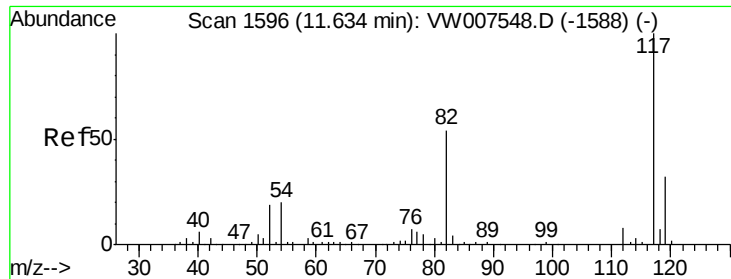
20000

10000

0

Time--> 12.55 12.60 12.65 12.70





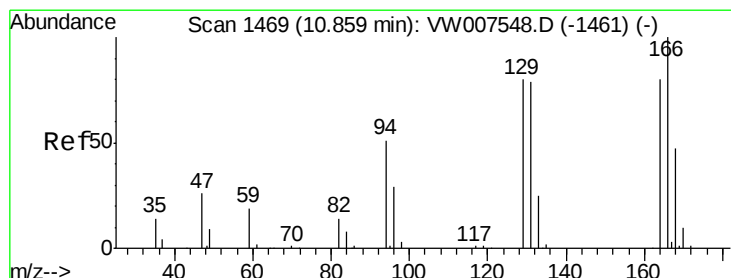
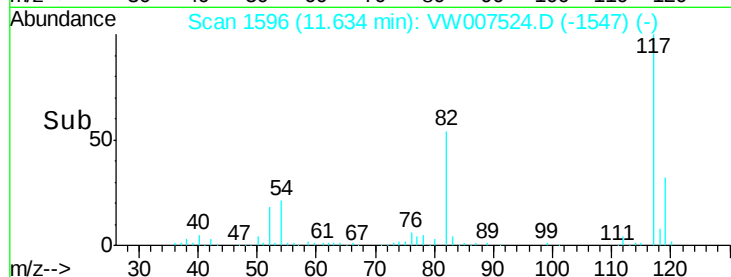
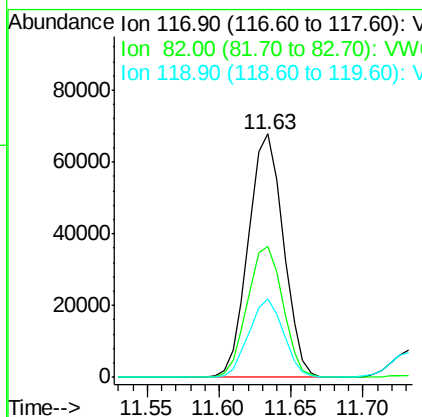
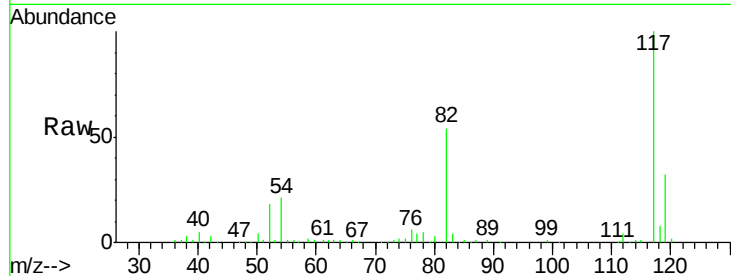
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	114283		
82	53.7	42.3	63.5	
119	32.2	23.0	34.6	

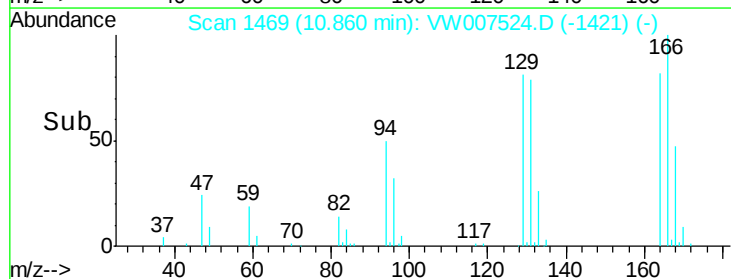
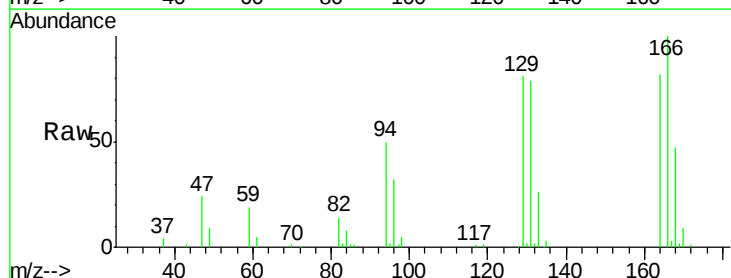
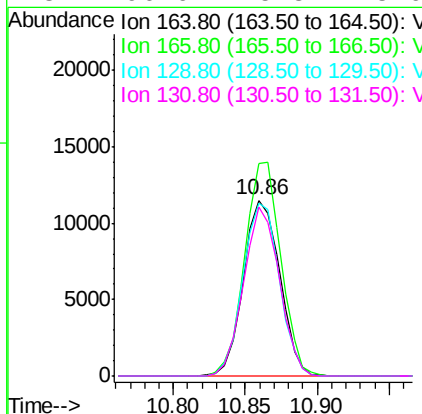
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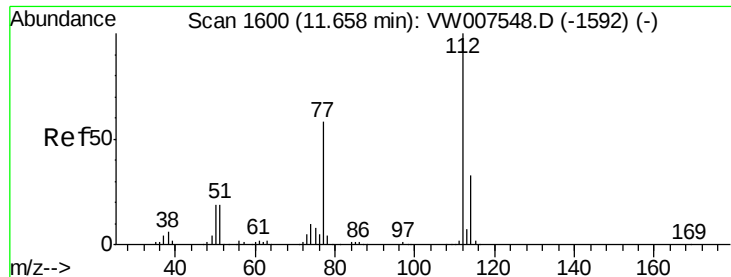
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#64
Tetrachloroethene
Concen: 24.417 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	20067		
166	121.5	107.9	161.9	
129	98.7	73.4	110.2	
131	96.6	75.8	113.6	





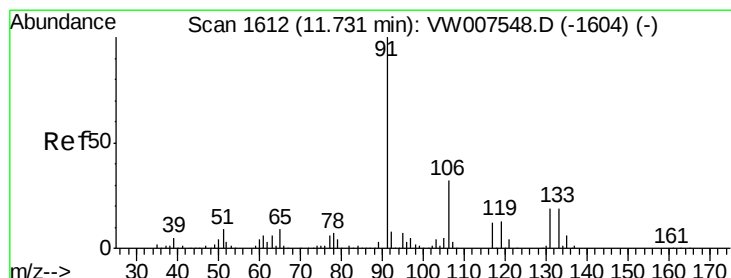
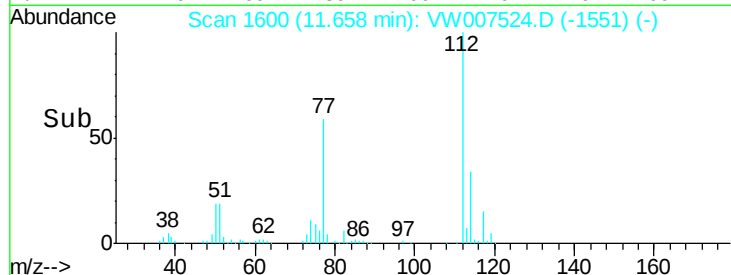
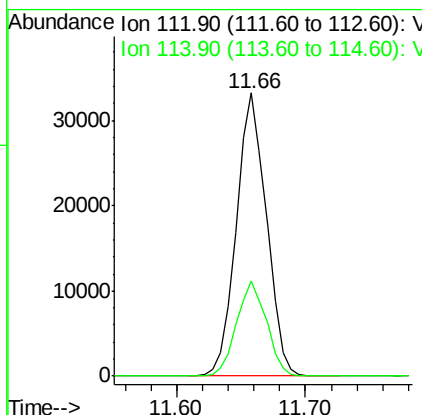
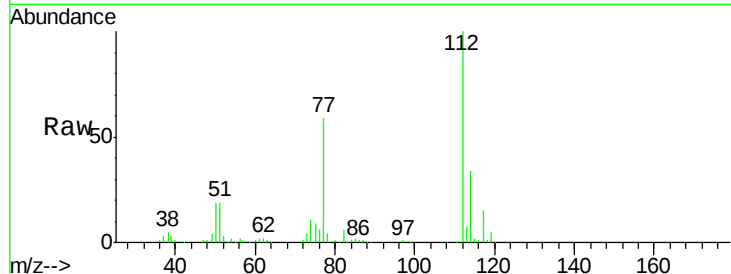
#65
Chlorobenzene
Concen: 22.525 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion:112 Resp: 53654
Ion Ratio Lower Upper
112 100
114 33.7 27.8 41.8

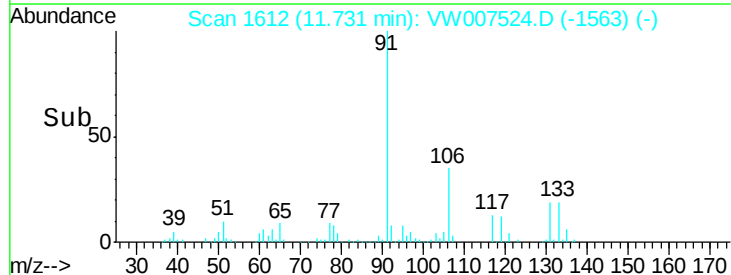
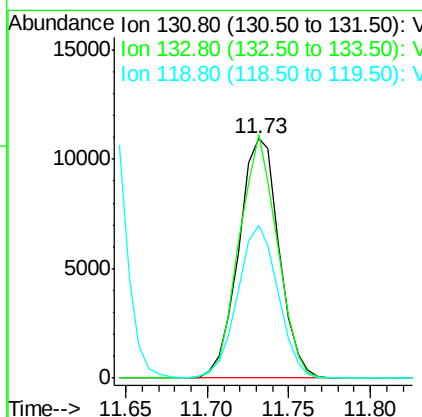
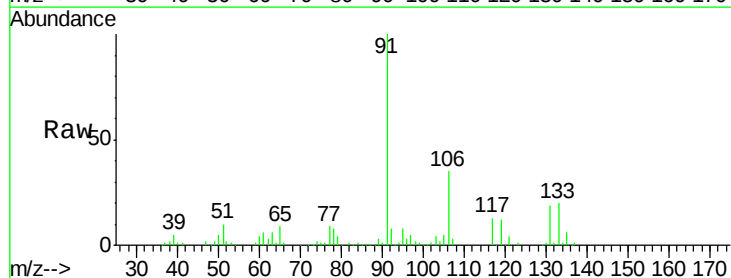
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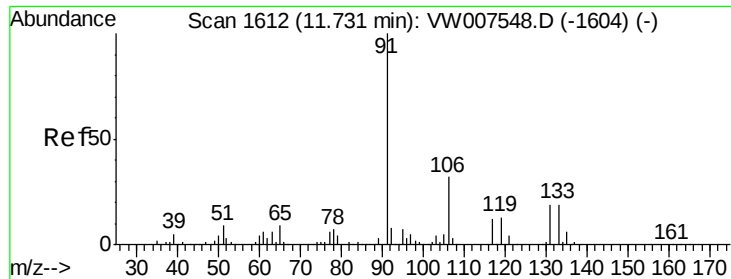
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.522 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion:131 Resp: 18895
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 63.8 31.3 93.9





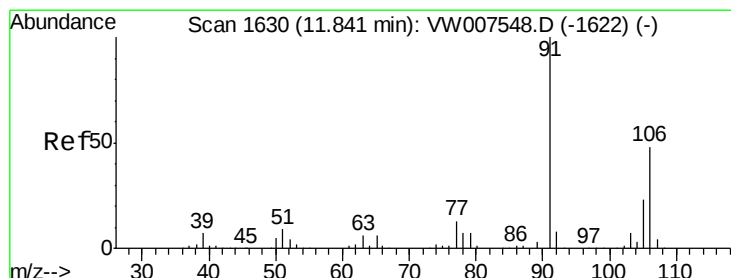
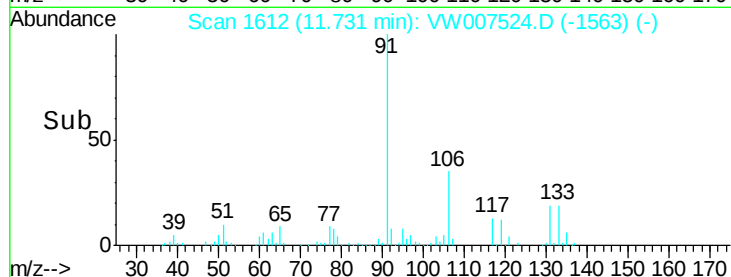
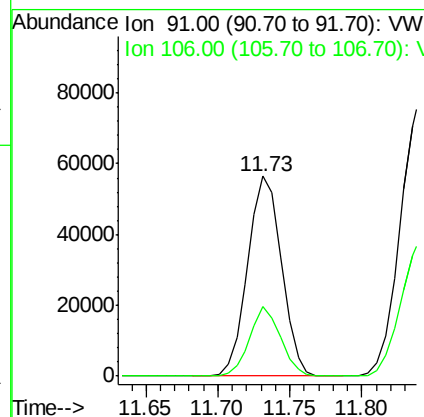
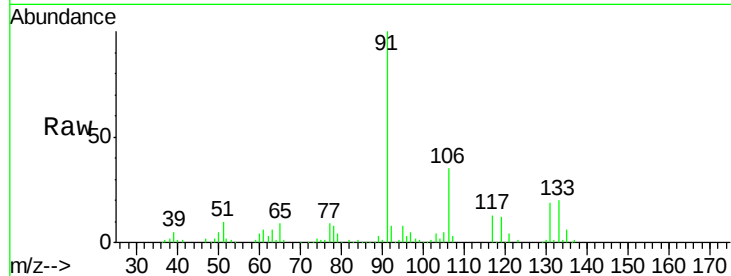
#67
Ethyl Benzene
Concen: 22.452 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion: 91 Resp: 91950
Ion Ratio Lower Upper
91 100
106 34.6 21.8 32.8#

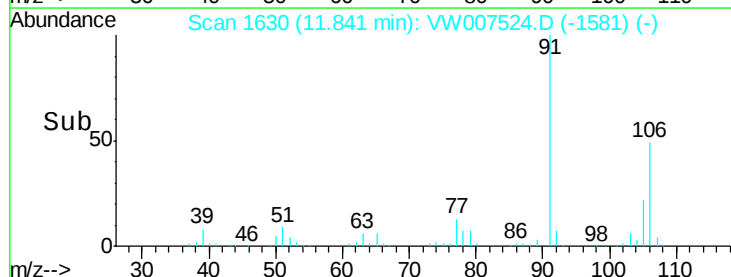
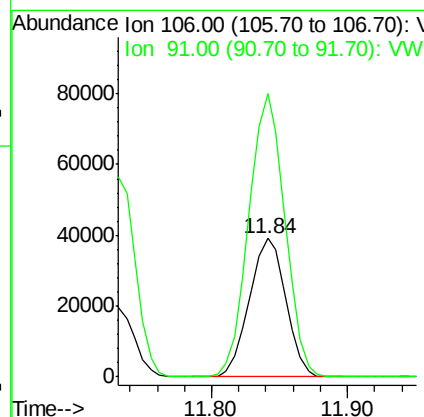
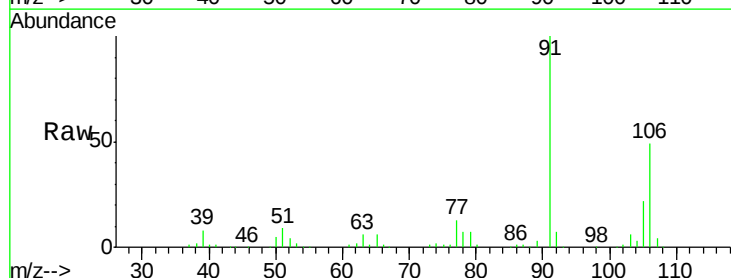
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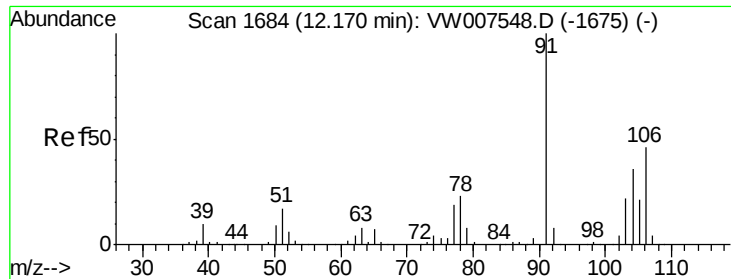
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#68
m/p-Xylenes
Concen: 46.252 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion: 106 Resp: 73637
Ion Ratio Lower Upper
106 100
91 202.0 165.3 247.9





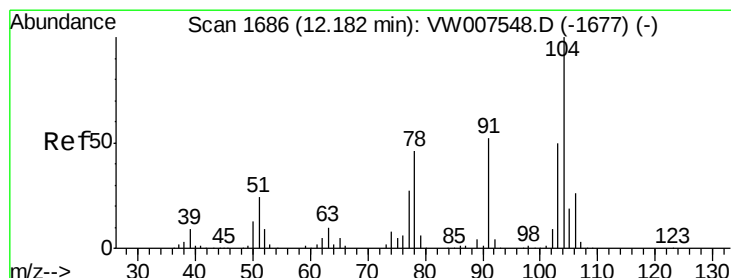
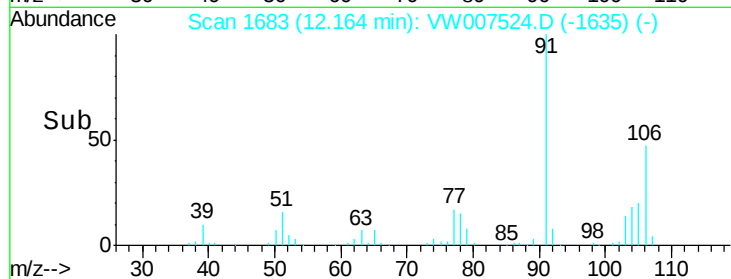
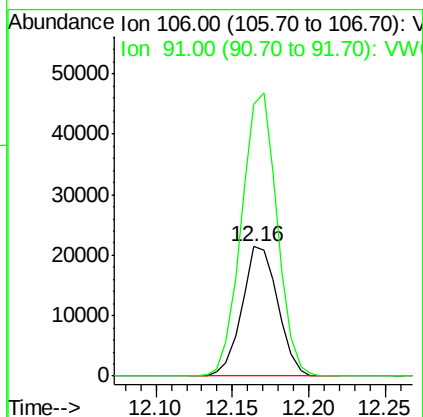
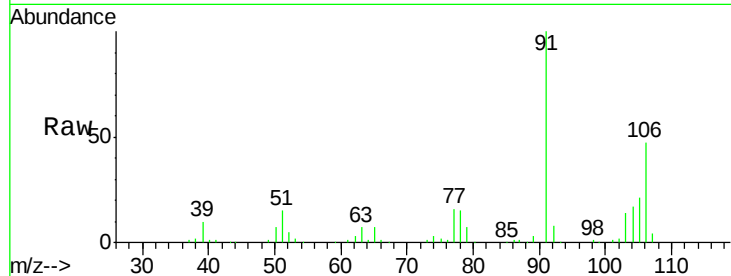
#69
o-Xylene
Concen: 23.443 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion:106 Resp: 34857
Ion Ratio Lower Upper
106 100
91 216.6 106.6 319.8

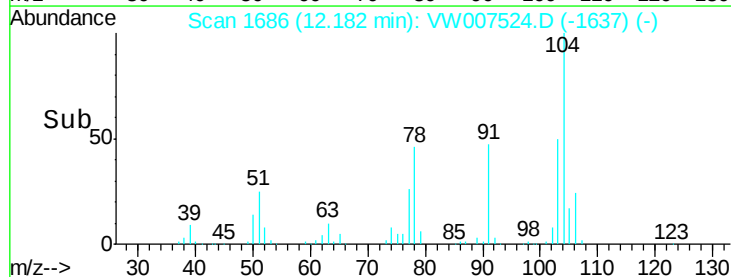
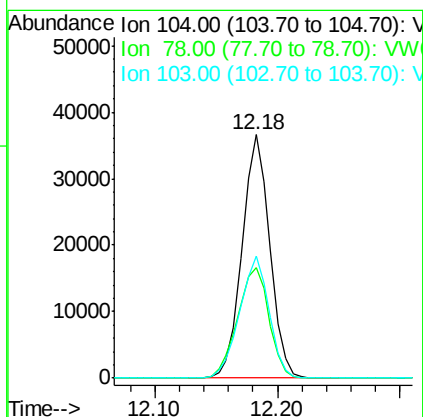
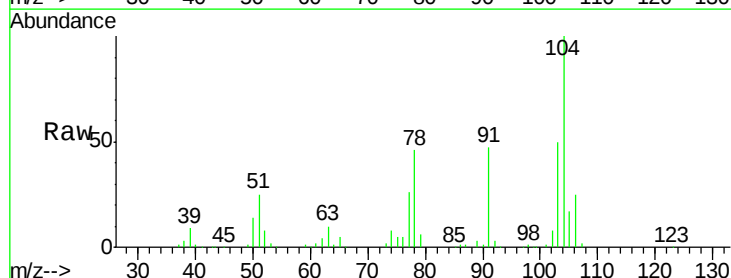
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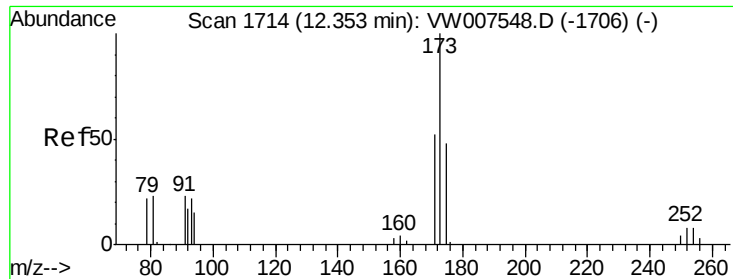
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#70
Styrene
Concen: 23.900 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion:104 Resp: 57400
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 53.6 46.6 69.8





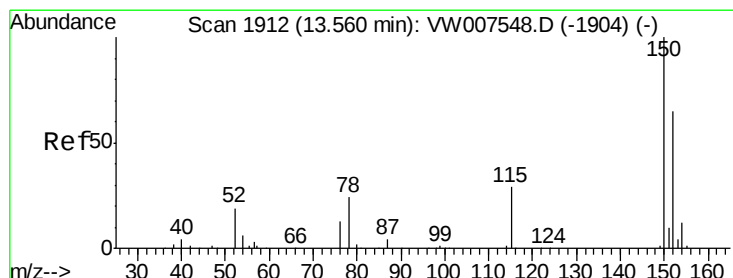
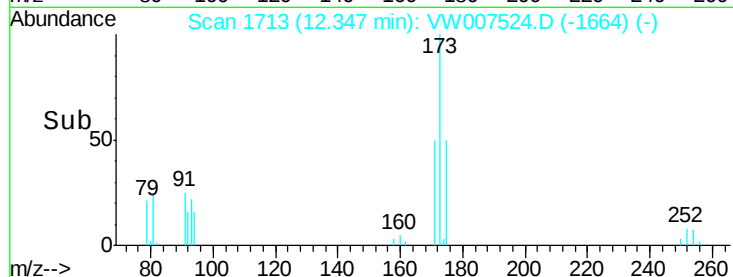
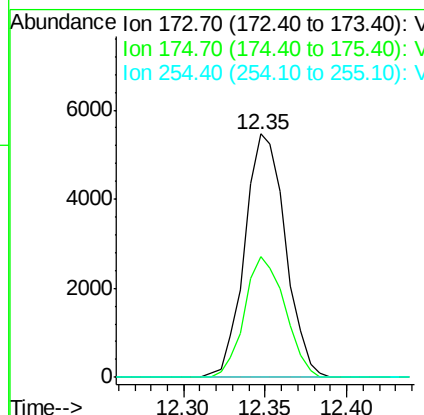
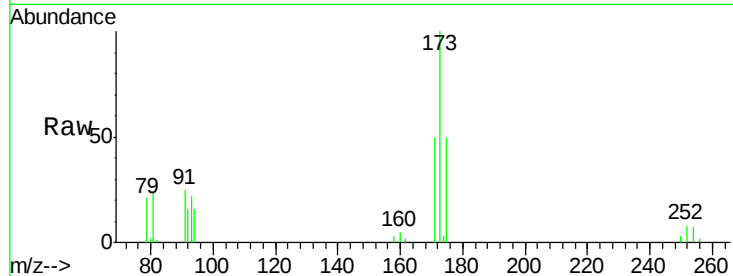
#71
Bromoform
Concen: 22.068 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.6	70.8
254	0.0	0.0	0.0

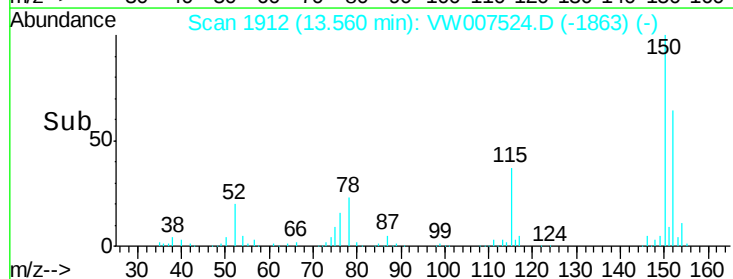
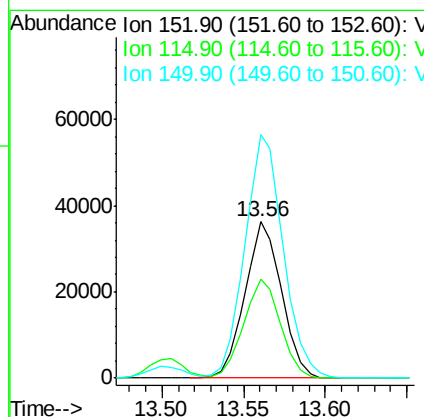
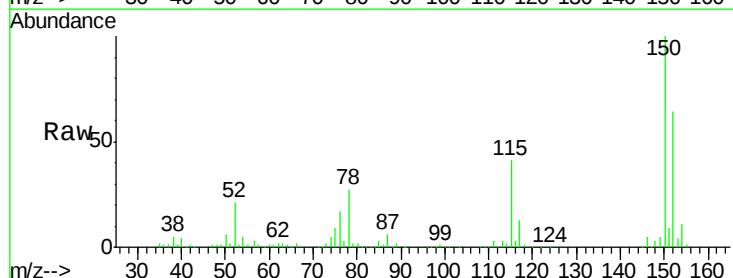
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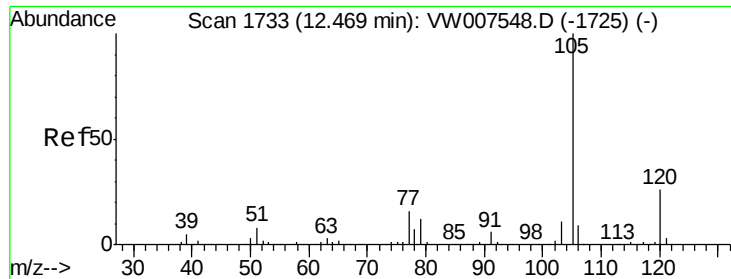
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	31.4	94.2
150	164.9	0.0	358.4





#73

Isopropylbenzene

Concen: 22.527 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS01

Tgt Ion: 105 Resp: 96944

Ion Ratio Lower Upper

105 100

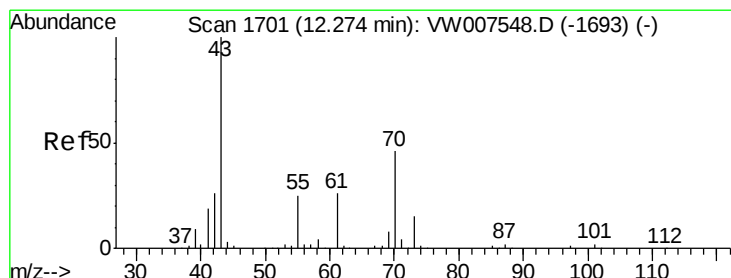
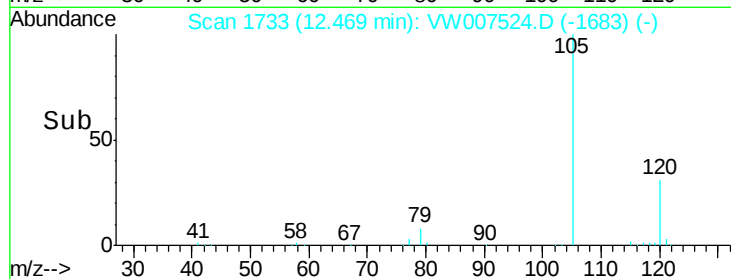
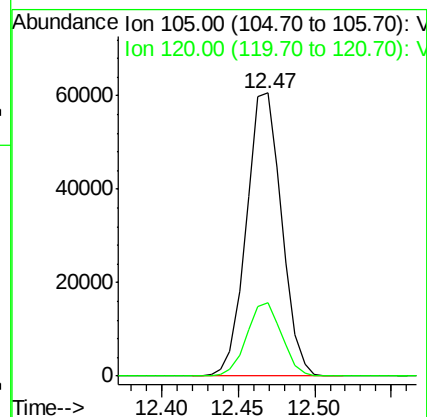
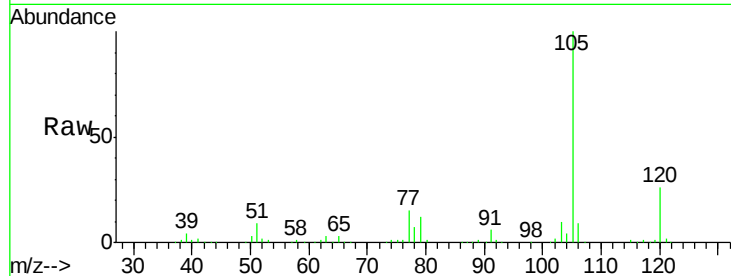
120 25.7 12.8 38.4

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#74

N-ethyl acetate

Concen: 20.801 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Tgt Ion: 43 Resp: 16269

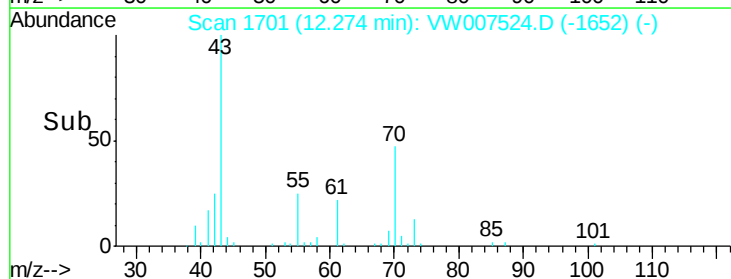
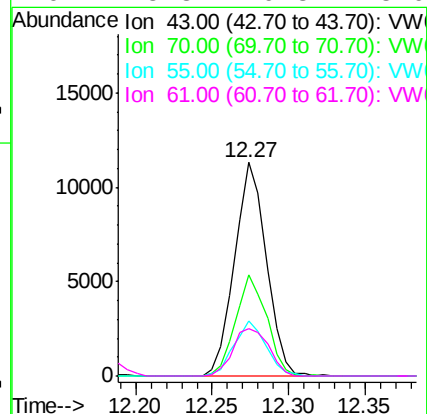
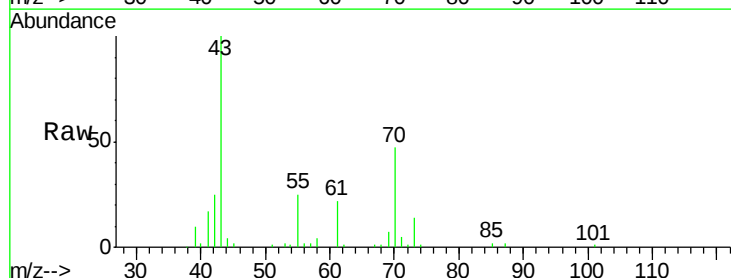
Ion Ratio Lower Upper

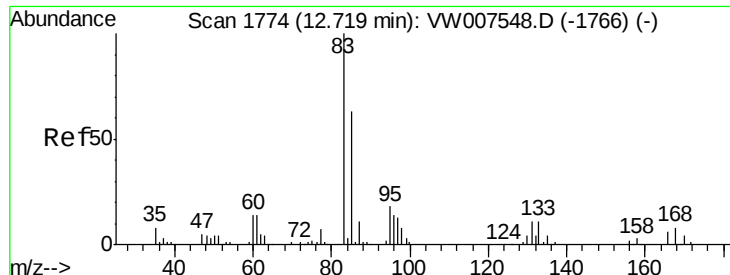
43 100

70 46.5 36.5 54.7

55 25.9 20.1 30.1

61 25.3 19.3 28.9





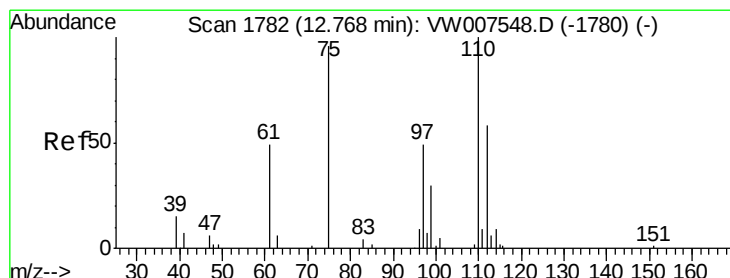
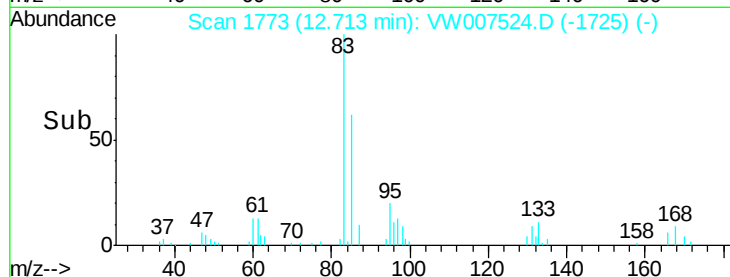
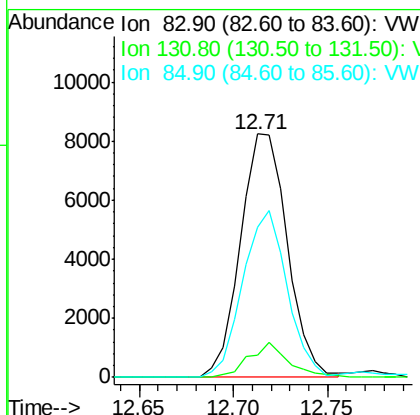
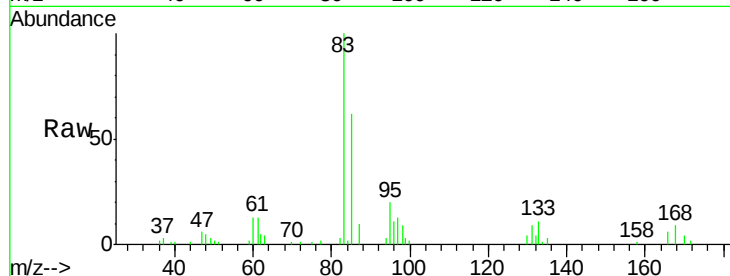
#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.349 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	14245		
131	12.1	5.9	17.8	
85	64.9	30.0	90.0	

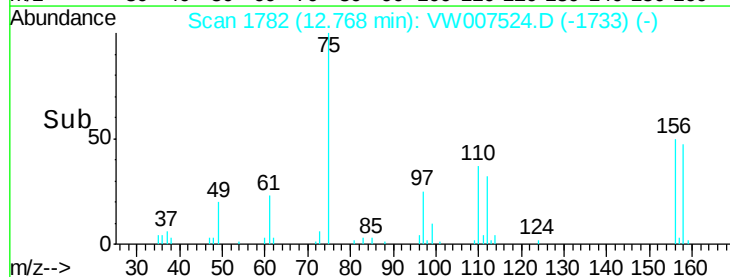
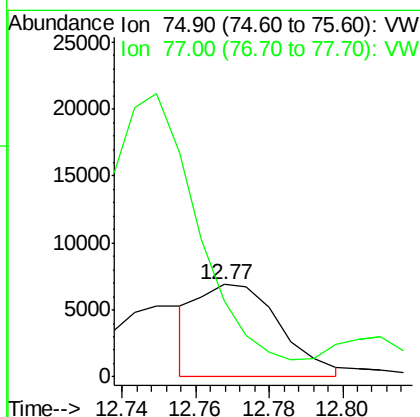
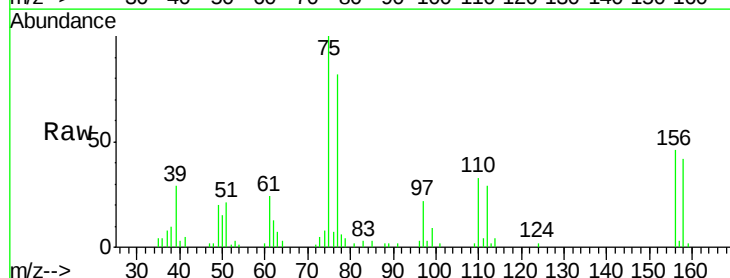
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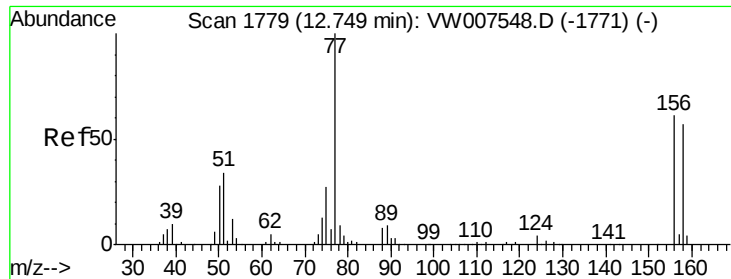
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#76
 1,2,3-Trichloropropane
 Concen: 23.214 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10750		
77	356.9	166.9	500.8	





#77

Bromobenzene

Concen: 22.191 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

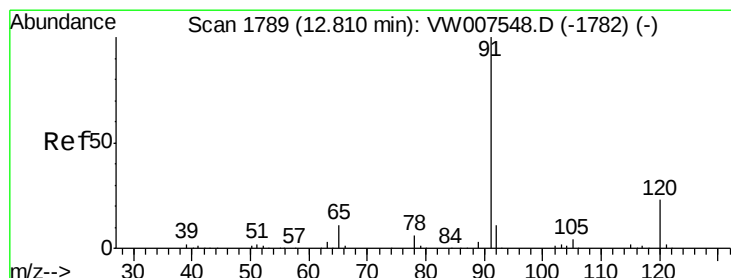
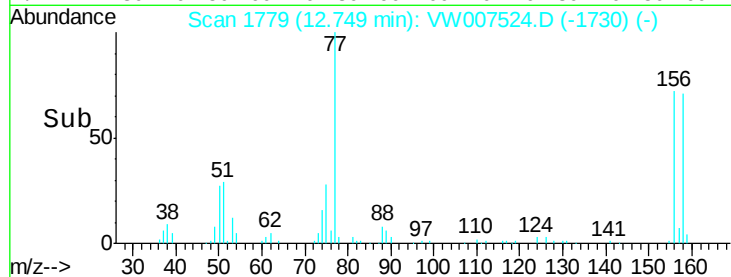
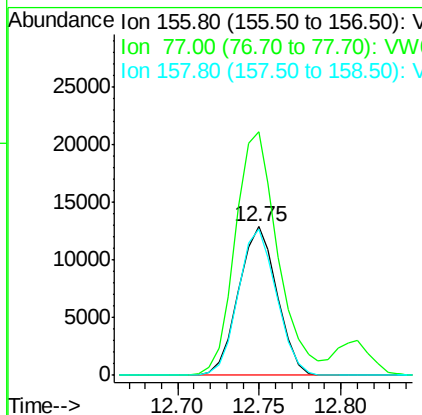
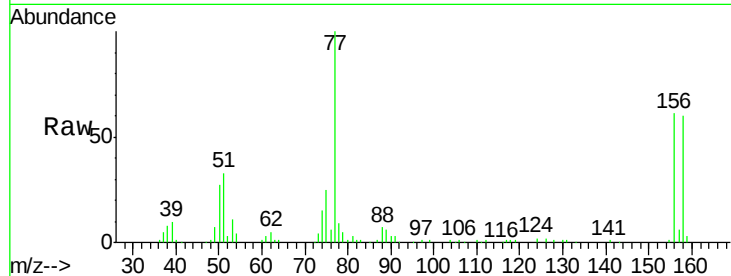
ClientSampleId :

VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	181.2	88.1	264.4
158	97.9	45.6	136.7

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#78

n-propylbenzene

Concen: 23.045 ug/l

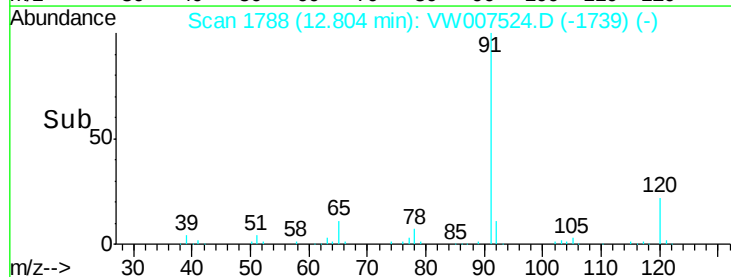
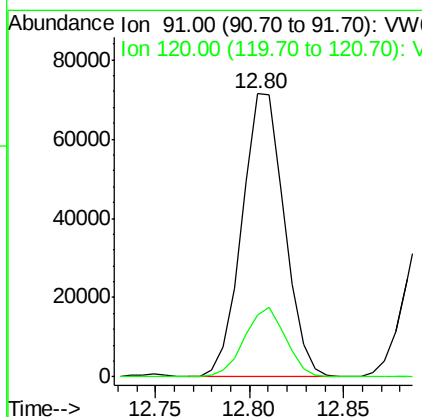
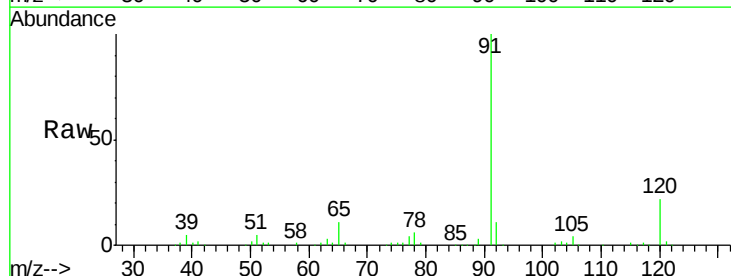
RT: 12.80 min Scan# 1788

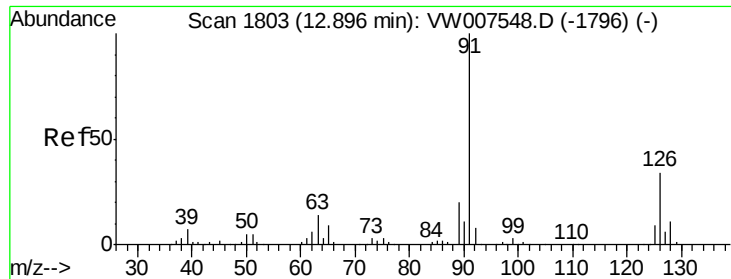
Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.5





#79

2-Chlorotoluene

Concen: 22.546 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS01

Tgt Ion: 91 Resp: 66071

Ion Ratio Lower Upper

91 100

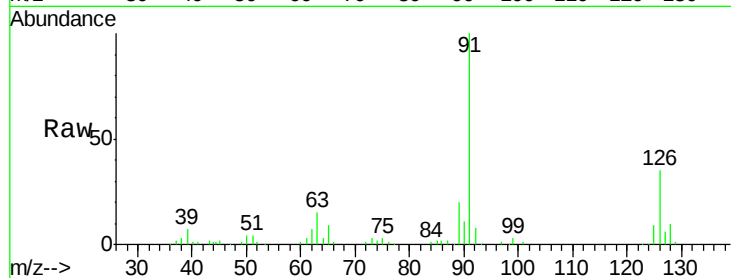
126 33.6 15.9 47.6

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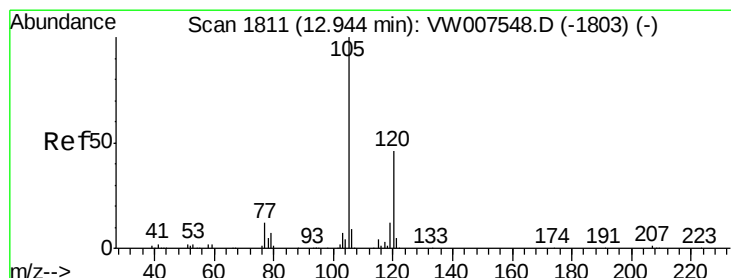
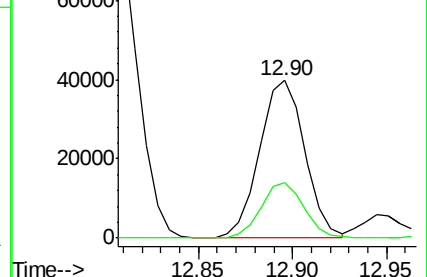
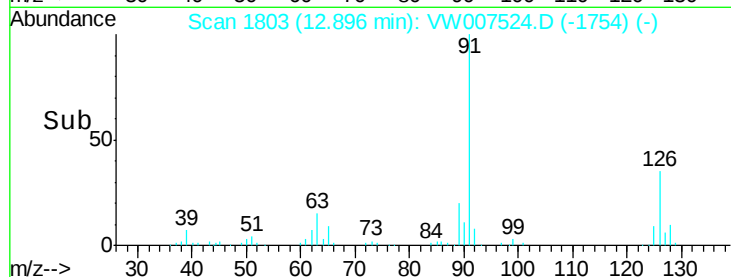
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.624 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007524.D

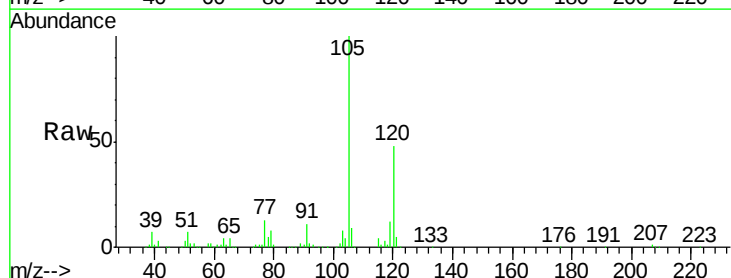
Acq: 14 Dec 2018 10:23

Tgt Ion: 105 Resp: 81807

Ion Ratio Lower Upper

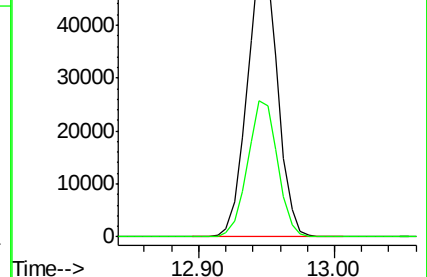
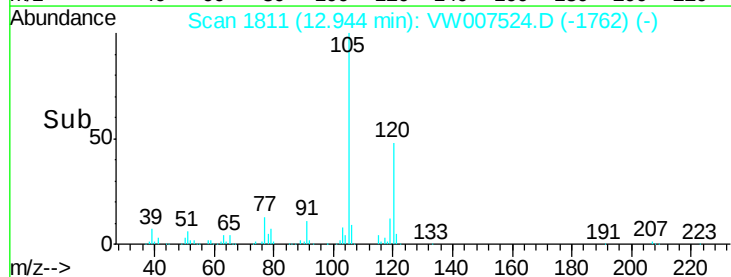
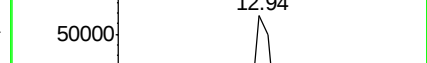
105 100

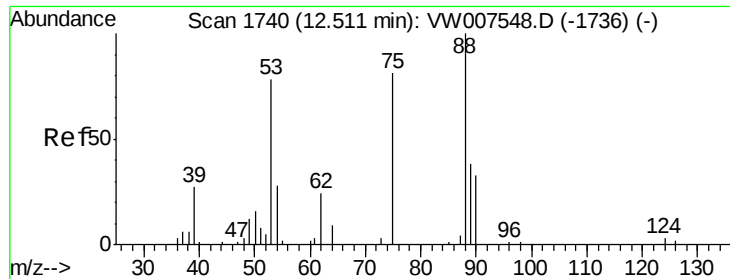
120 48.2 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





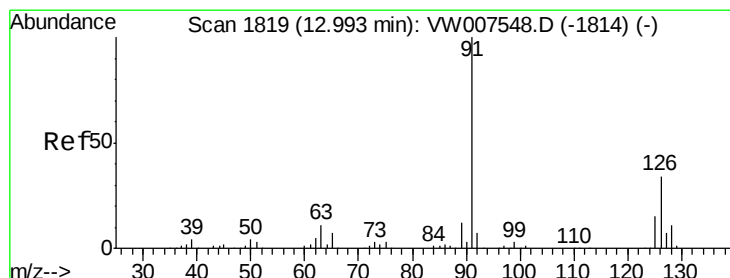
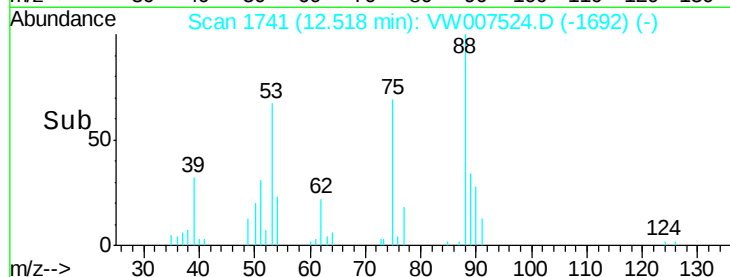
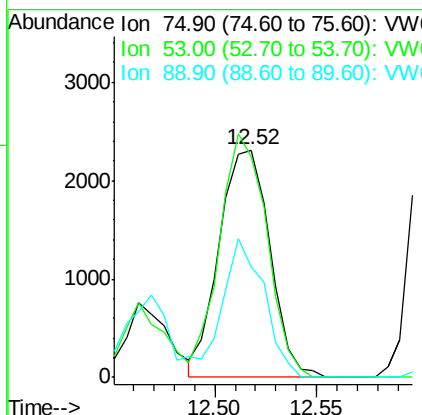
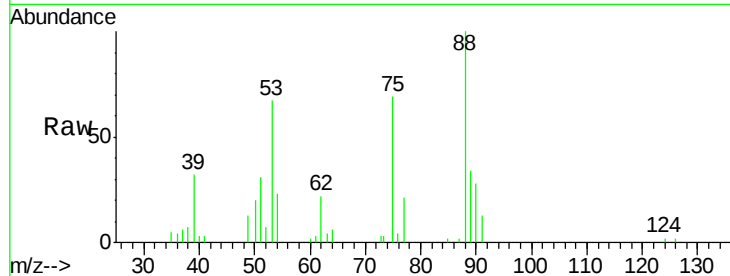
#81
trans-1,4-Dichloro-2-butene
Concen: 19.066 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.6	84.9	127.3
89	48.4	40.3	60.5

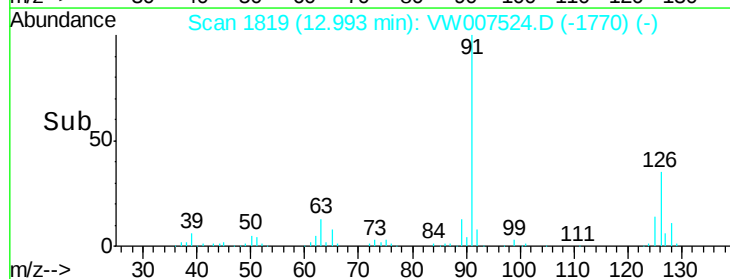
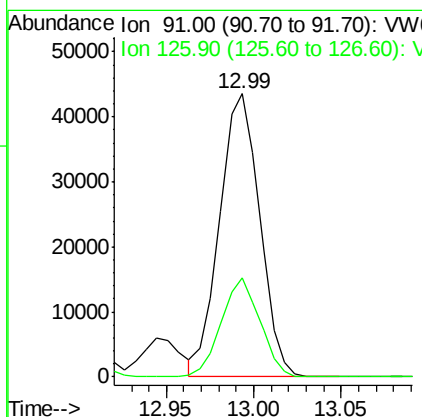
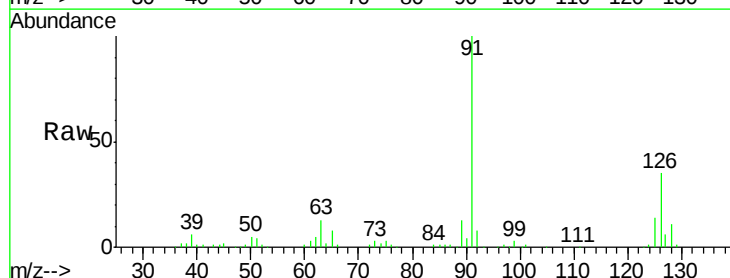
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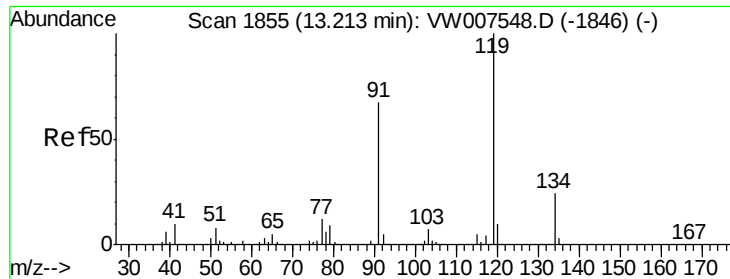
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#82
4-Chlorotoluene
Concen: 22.473 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.0	48.0





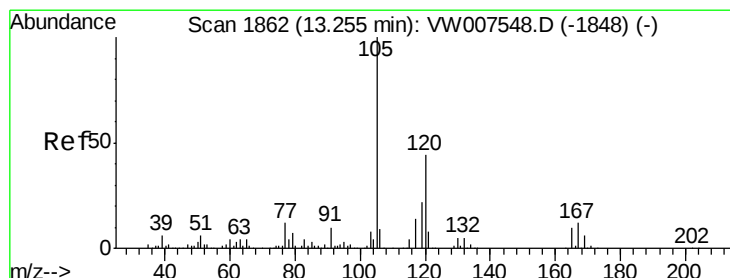
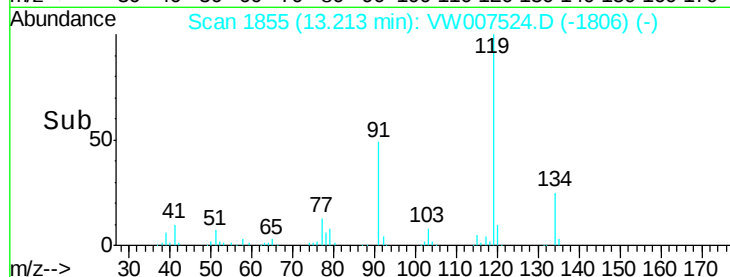
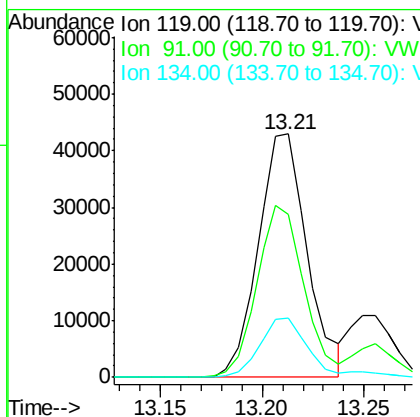
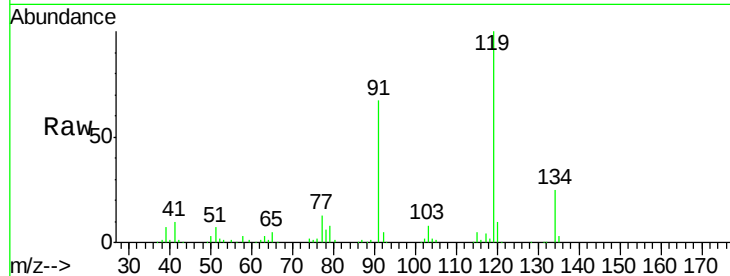
#83
 tert-Butylbenzene
 Concen: 22.474 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.9	33.1	99.2
134	25.1	12.5	37.5

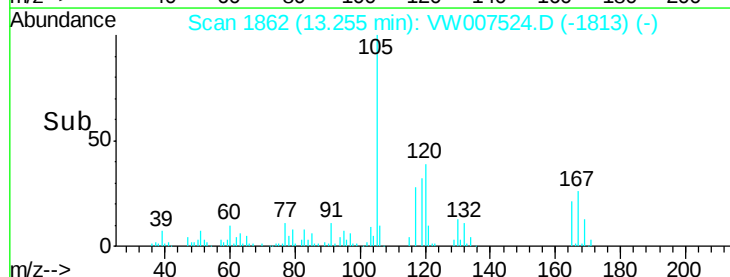
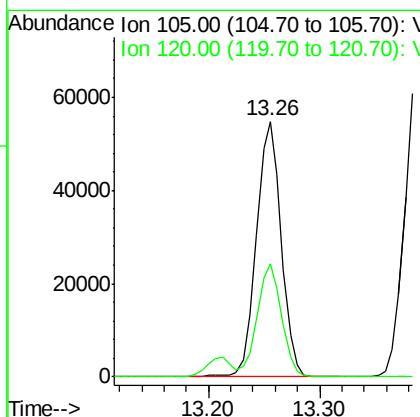
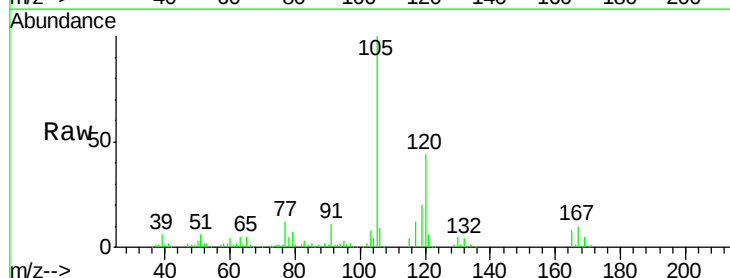
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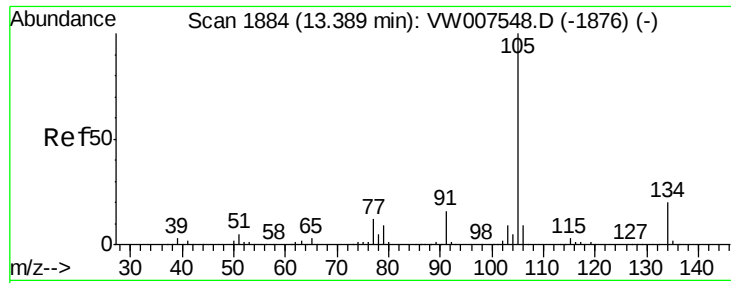
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.843 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.6	67.7





#85

sec-Butylbenzene

Concen: 23.059 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS01

Tgt Ion:105 Resp: 100295

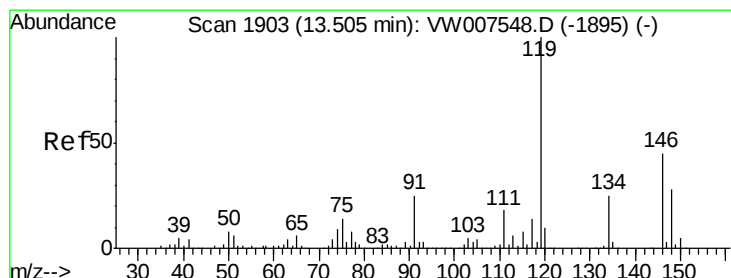
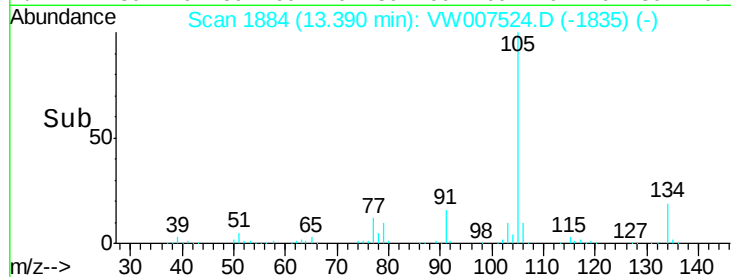
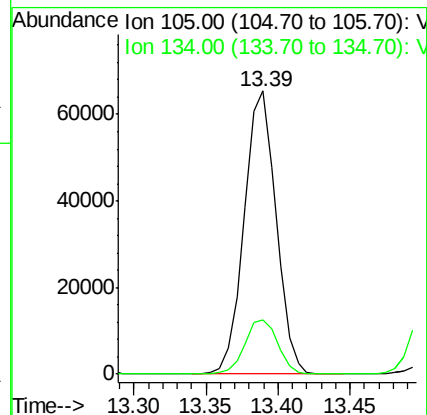
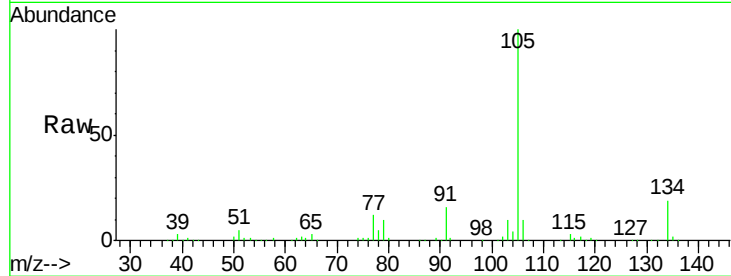
Ion Ratio Lower Upper

105 100

134 19.8 11.1 33.3

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#86

p-Isopropyltoluene

Concen: 22.463 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007524.D

Acq: 14 Dec 2018 10:23

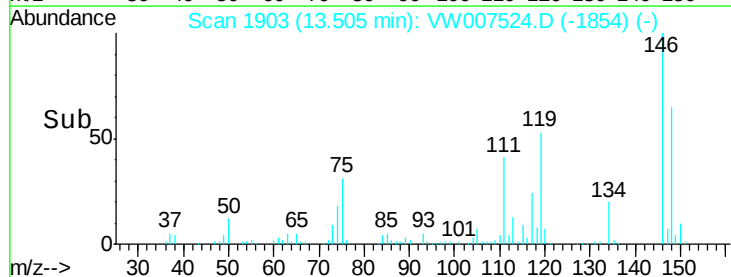
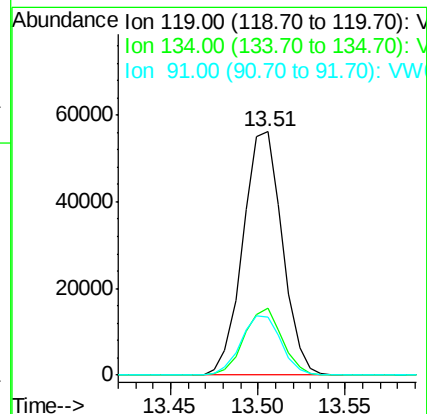
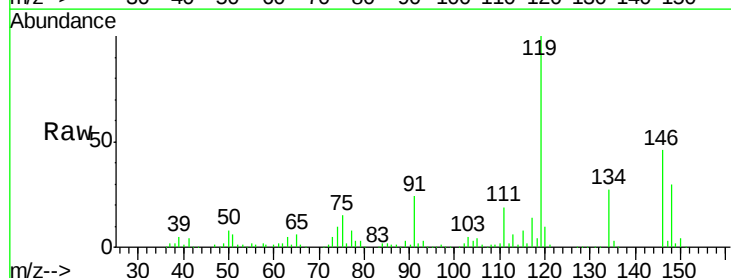
Tgt Ion:119 Resp: 87776

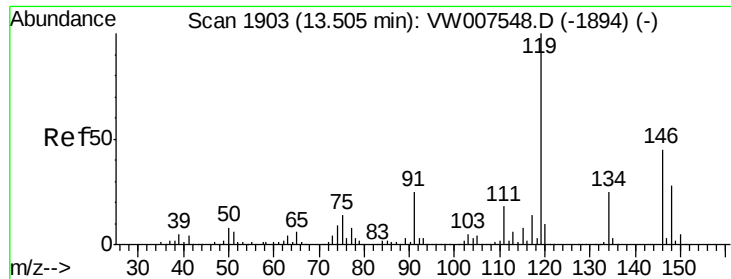
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 25.1 11.9 35.9





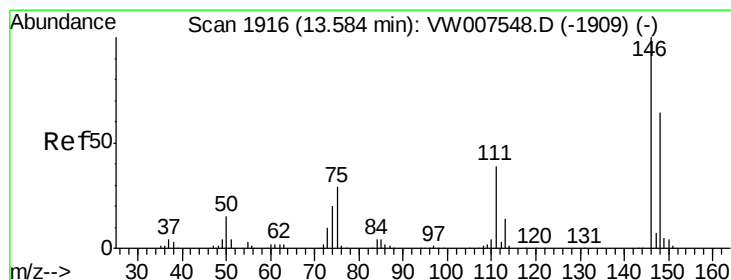
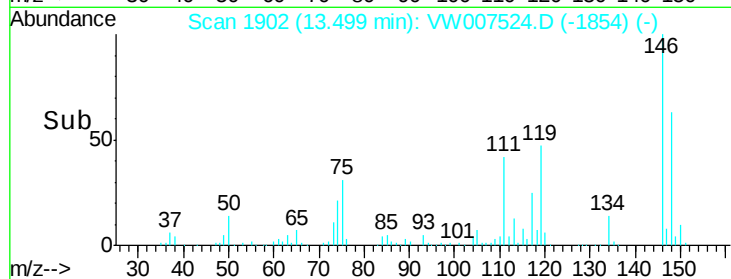
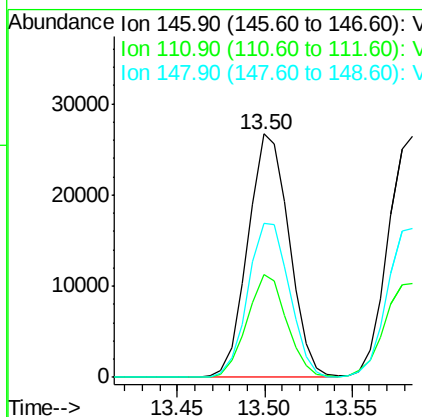
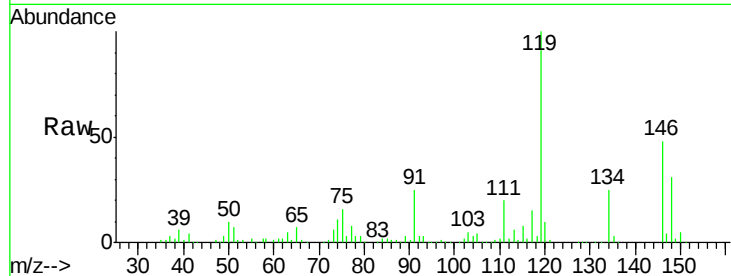
#87
 1,3-Dichlorobenzene
 Concen: 23.029 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.3
148	63.7	31.4	94.0

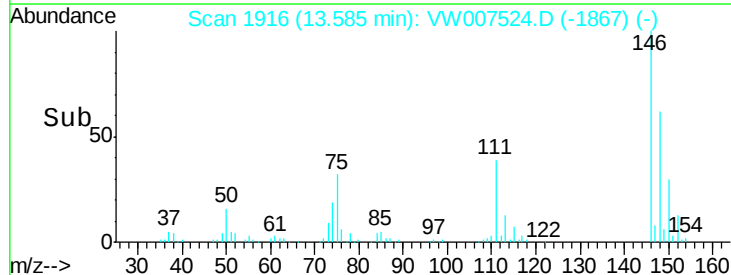
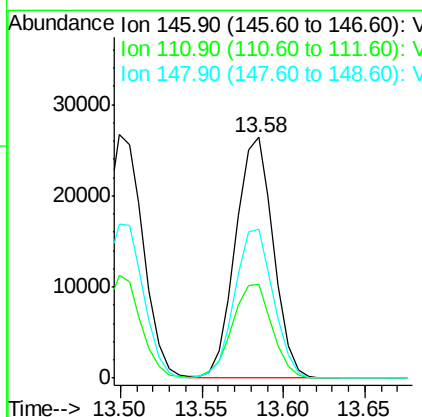
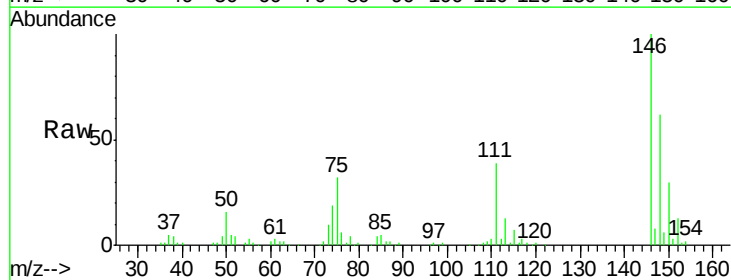
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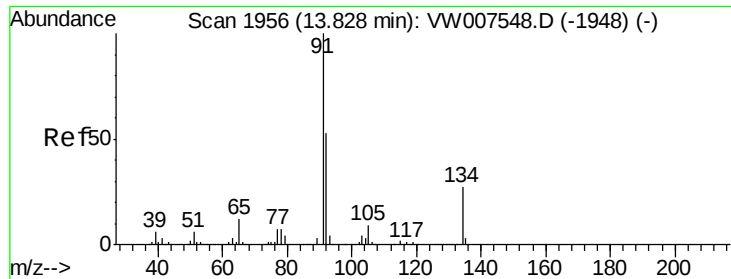
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#88
 1,4-Dichlorobenzene
 Concen: 22.303 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	63.1	33.5	100.5





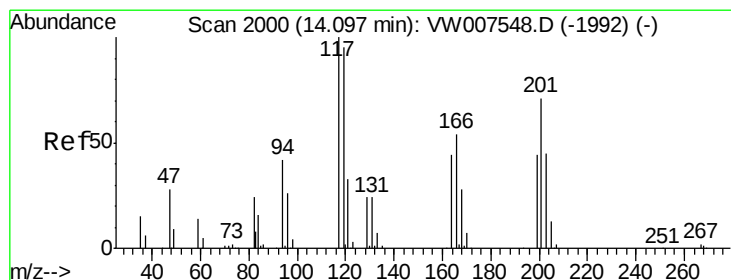
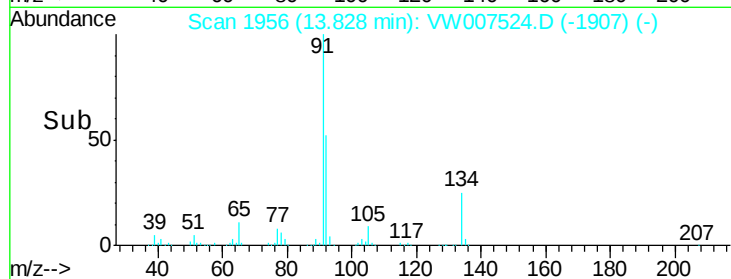
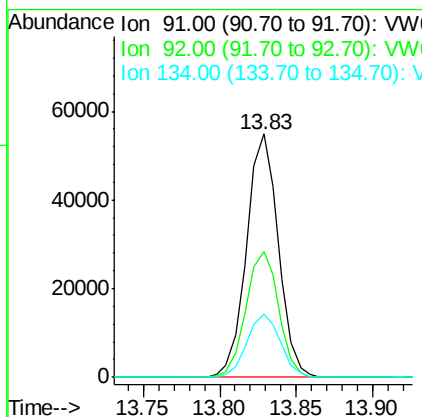
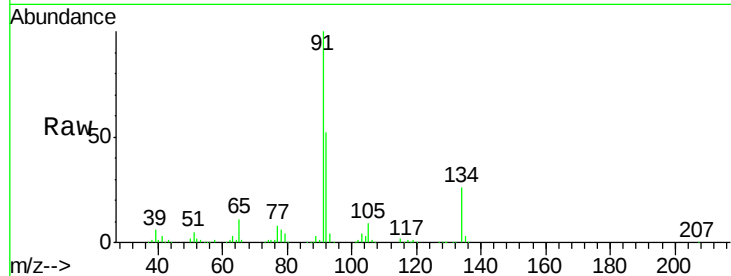
#89
n-Butylbenzene
Concen: 21.865 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion: 91 Resp: 79206
Ion Ratio Lower Upper
91 100
92 53.2 25.7 77.1
134 27.2 13.4 40.2

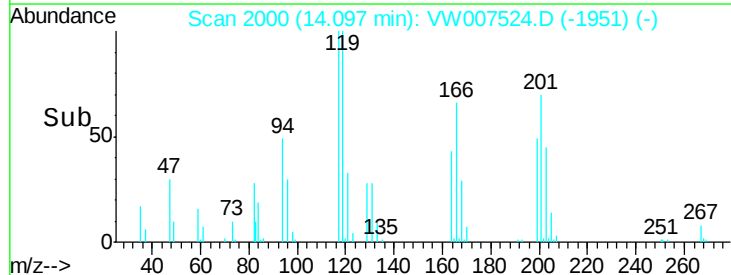
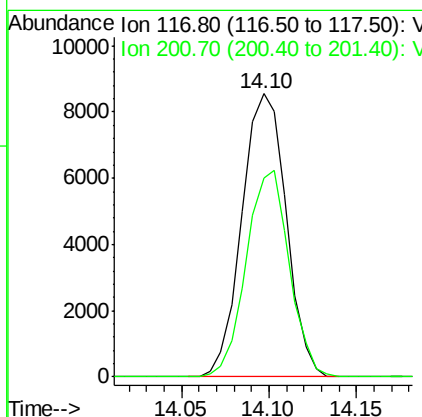
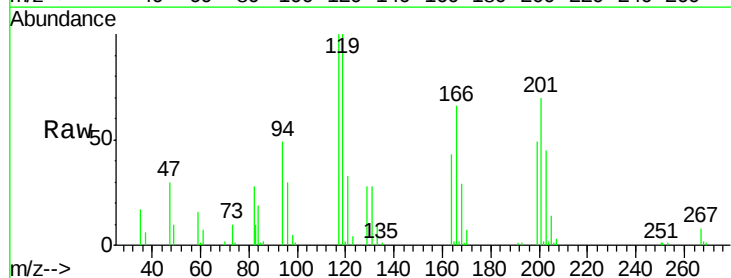
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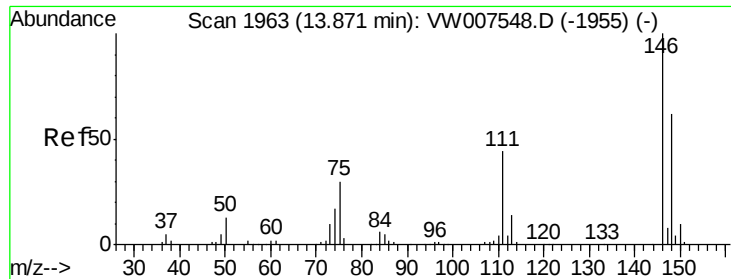
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#90
Hexachloroethane
Concen: 21.825 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion: 117 Resp: 15174
Ion Ratio Lower Upper
117 100
201 70.9 35.3 105.9





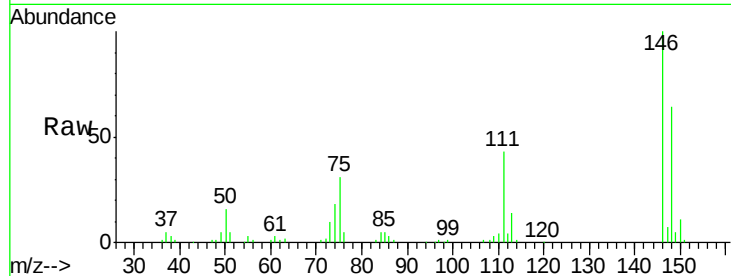
#91
 1,2-Dichlorobenzene
 Concen: 22.384 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

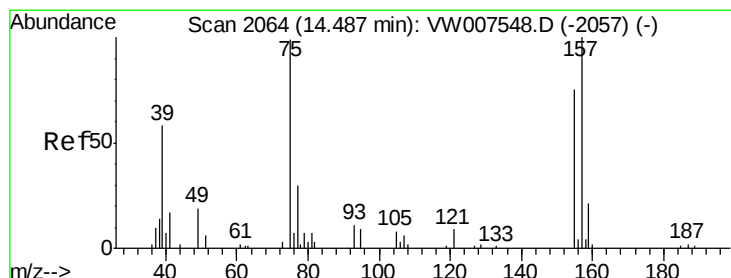
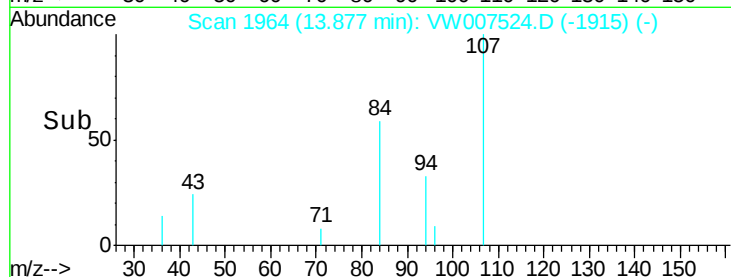
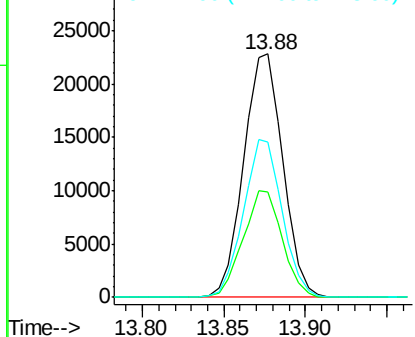
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.4	67.2
148	63.7	32.4	97.2

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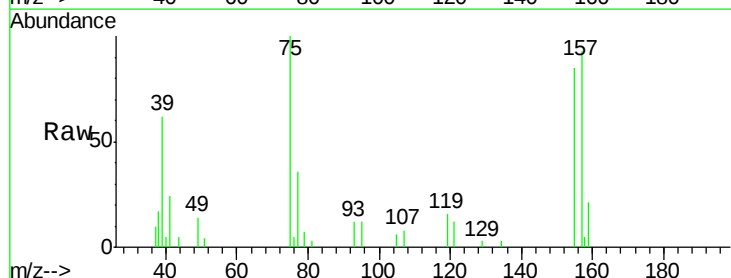


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

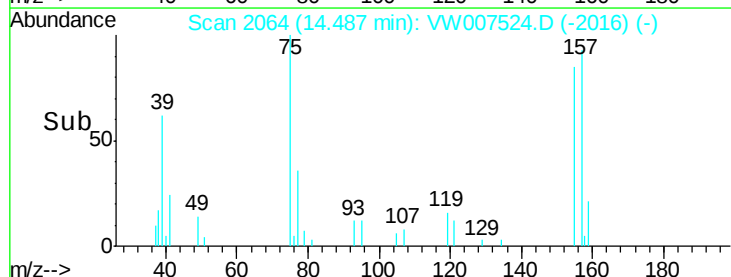
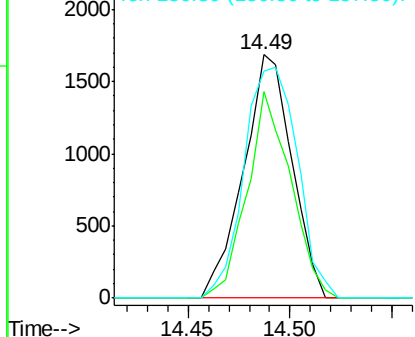


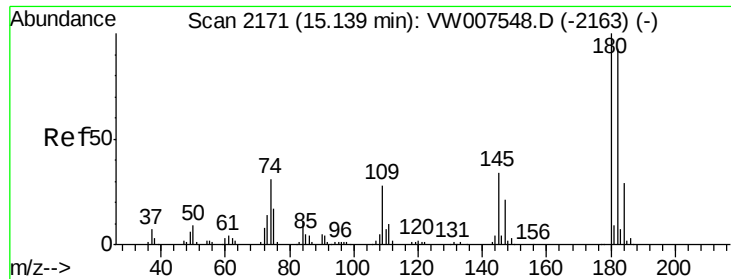
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.827 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007524.D
 Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.2	40.8	122.2
157	104.5	51.1	153.4



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





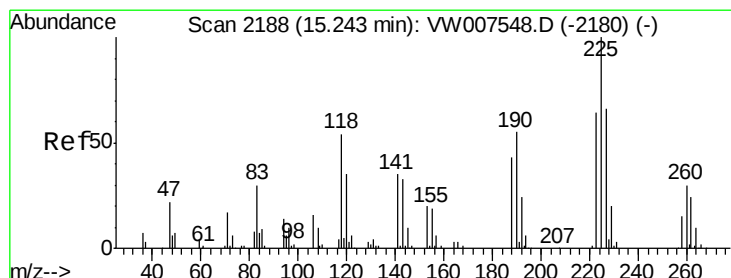
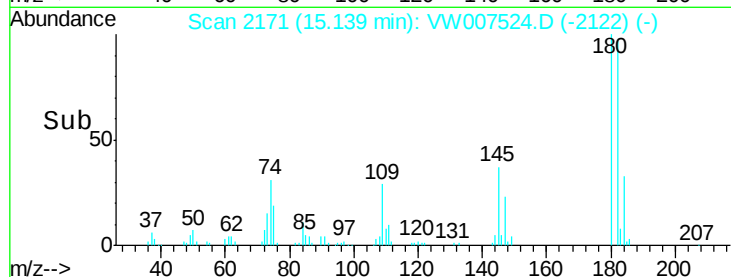
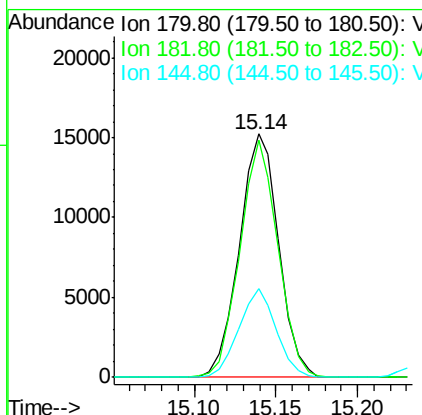
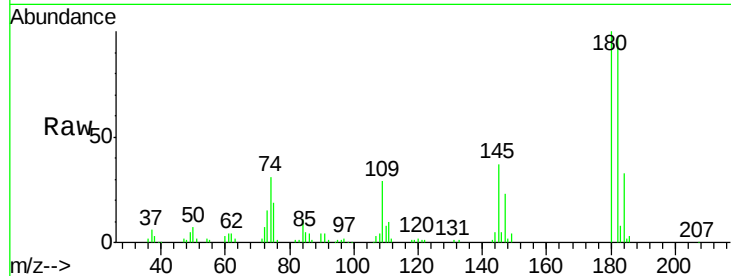
#93
1,2,4-Trichlorobenzene
Concen: 21.707 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	25448		
182	94.1	49.9	149.6	
145	34.6	17.8	53.4	

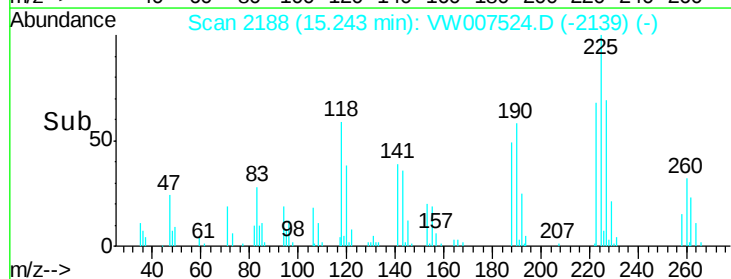
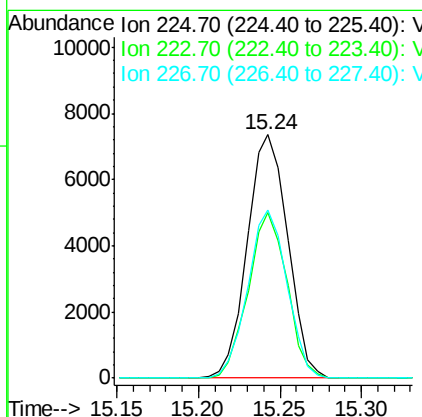
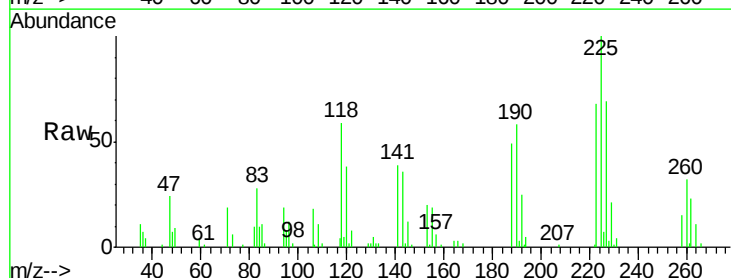
Manual Integrations
APPROVED

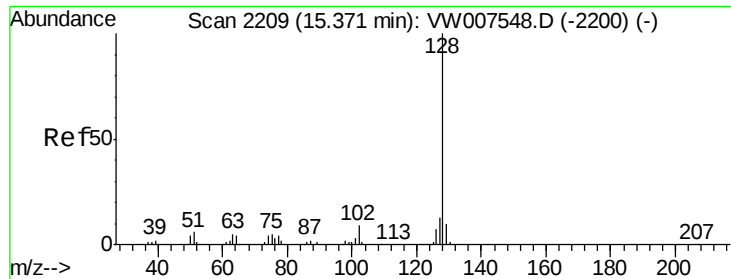
apatel
12/17/2018 1:44:23 PM



#94
Hexachlorobutadiene
Concen: 20.472 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12734		
223	64.7	32.1	96.3	
227	66.7	31.9	95.9	





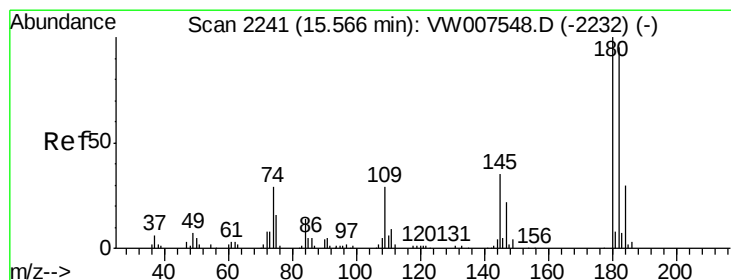
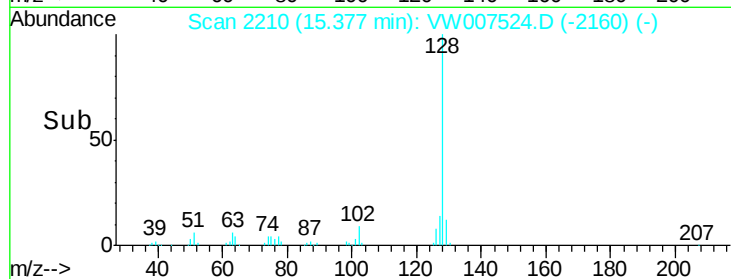
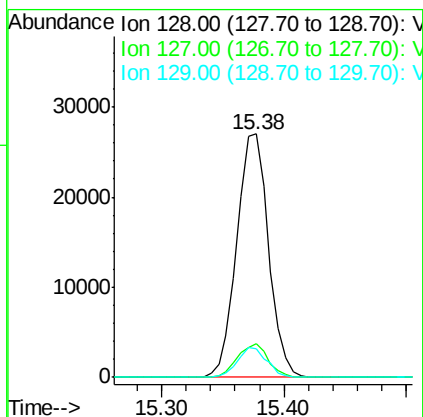
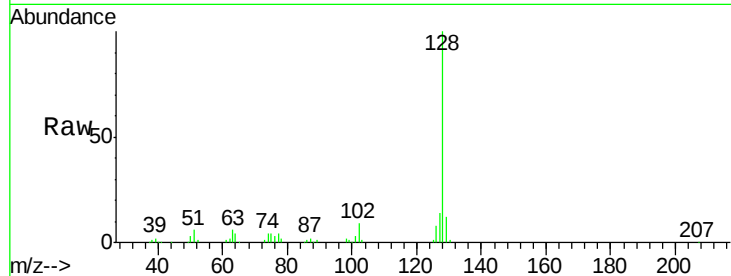
#95
Naphthalene
Concen: 21.692 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.5	8.3	12.5

Manual Integrations
APPROVED

apatel
12/17/2018 1:44:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.445 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007524.D
Acq: 14 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	45.6	136.7
145	37.7	17.5	52.5

