

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007251.D
 Acq On : 05 Dec 2018 23:51
 Operator : SY/AP
 Sample : J6206-06MSD
 Misc : 5.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Manual Integrations
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 12/6/2018 12:56:10 PM

Quant Time: Dec 06 07:15:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	31467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	53576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	47614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23159	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	19163	65.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.82%	
35) Dibromofluoromethane	7.89	113	17630	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
50) Toluene-d8	10.33	98	68713	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.62	95	25999	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	13383	38.873	ug/l	99
3) Chloromethane	2.21	50	16842	38.630	ug/l	98
4) Vinyl Chloride	2.36	62	11831	43.341	ug/l	99
5) Bromomethane	2.78	94	8852	64.713	ug/l	93
6) Chloroethane	2.93	64	7333	47.877	ug/l	99
7) Trichlorofluoromethane	3.27	101	25328	47.591	ug/l	98
8) Diethyl Ether	3.69	74	9138	61.599	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	14554	45.270	ug/l	96
10) Methyl Iodide	4.28	142	6979	25.483	ug/l	98
11) Tert butyl alcohol	5.17	59	5395	188.247	ug/l #	75
12) 1,1-Dichloroethene	4.05	96	13466	44.695	ug/l	95
13) Acrolein	3.90	56	3851	187.595	ug/l	98
14) Allyl chloride	4.68	41	23616	48.901	ug/l	99
15) Acrylonitrile	5.37	53	16302	262.865	ug/l	98
16) Acetone	4.14	43	13339	192.326	ug/l	96
17) Carbon Disulfide	4.38	76	43734	44.037	ug/l	98
18) Methyl Acetate	4.68	43	19307	121.955	ug/l	96
19) Methyl tert-butyl Ether	5.44	73	41728	58.825	ug/l	98
20) Methylene Chloride	4.92	84	21168	61.841	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	16546	49.183	ug/l	99
22) Diisopropyl ether	6.32	45	52432	60.479	ug/l	95
23) Vinyl Acetate	6.27	43	50859	107.514	ug/l	99
24) 1,1-Dichloroethane	6.23	63	29761	53.560	ug/l	98
25) 2-Butanone	7.18	43	19947	248.103	ug/l	100
26) 2,2-Dichloropropane	7.17	77	24136	45.200	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	19127	53.037	ug/l	99
28) Bromochloromethane	7.52	49	12391	61.843	ug/l	99
29) Tetrahydrofuran	7.54	42	13578	273.296	ug/l	99
30) Chloroform	7.68	83	32845	56.876	ug/l	97
31) Cyclohexane	7.96	56	25070	43.121	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	27879	51.299	ug/l	99
36) 1,1-Dichloropropene	8.09	75	23455	44.993	ug/l	99
37) Ethyl Acetate	7.26	43	6463	34.274	ug/l	94
38) Carbon Tetrachloride	8.07	117	23143	43.495	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27794	39.828	ug/l	98
40) Benzene	8.33	78	71572	50.068	ug/l	100
41) Methacrylonitrile	7.49	41	5759	50.988	ug/l	96
42) 1,2-Dichloroethane	8.40	62	21827	54.635	ug/l	100
43) Isopropyl Acetate	8.43	43	16496	45.042	ug/l	98
44) Trichloroethene	9.10	130	19759	49.174	ug/l	91
45) 1,2-Dichloropropane	9.37	63	17339	52.124	ug/l	91
46) Dibromomethane	9.46	93	9574	55.387	ug/l	97
47) Bromodichloromethane	9.65	83	24441	53.754	ug/l	97
48) Methyl methacrylate	9.44	41	10711	56.350	ug/l #	89
49) 1,4-Dioxane	9.45	88	2532	838.521	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	47547	263.443	ug/l	98
52) Toluene	10.39	92	47189	47.456	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	25086	54.877	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	28472	53.147	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	13335	54.235	ug/l	95
56) Ethyl methacrylate	10.65	69	12898	40.215	ug/l	98
57) 1,3-Dichloropropane	10.93	76	22992	55.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	36199	280.996	ug/l	99
59) 2-Hexanone	10.97	43	31828	243.268	ug/l	98
60) Dibromochloromethane	11.13	129	16634	55.045	ug/l	99
61) 1,2-Dibromoethane	11.24	107	13430	56.949	ug/l	99
64) Tetrachloroethene	10.87	164	16550	47.575	ug/l	95
65) Chlorobenzene	11.66	112	53910	50.696	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	18168	55.320	ug/l	98
67) Ethyl Benzene	11.73	91	88560	45.693	ug/l	92
68) m/p-Xylenes	11.85	106	67590	88.894	ug/l	95
69) o-Xylene	12.17	106	32067	45.140	ug/l	90
70) Styrene	12.18	104	53815	46.278	ug/l	97
71) Bromoform	12.35	173	9432	57.371	ug/l #	98
73) Isopropylbenzene	12.47	105	87090	46.236	ug/l	98
74) N-amyl acetate	12.28	43	10343	30.971	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	14682	60.018	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	11980m	66.807	ug/l	
77) Bromobenzene	12.75	156	22433	55.175	ug/l	95
78) n-propylbenzene	12.81	91	96720	43.100	ug/l	100
79) 2-Chlorotoluene	12.90	91	62447	49.278	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	71197	44.184	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	4268	51.299	ug/l	94
82) 4-Chlorotoluene	12.99	91	64214	47.632	ug/l	97
83) tert-Butylbenzene	13.21	119	64785	46.006	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	75713	46.030	ug/l	96
85) sec-Butylbenzene	13.39	105	84533	42.050	ug/l	99
86) p-Isopropyltoluene	13.51	119	78323	43.766	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	40470	48.487	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	40008	47.454	ug/l	99
89) n-Butylbenzene	13.83	91	66595	39.822	ug/l	99
90) Hexachloroethane	14.10	117	13065	47.908	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	36849	50.998	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2451	51.721	ug/l	94

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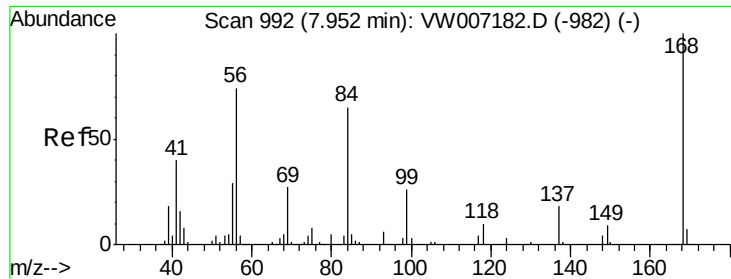
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	22373	44.680	ug/l	99
94) Hexachlorobutadiene	15.24	225	11689	43.288	ug/l	99
95) Naphthalene	15.38	128	40699	45.351	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	19453	46.071	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:168 Resp: 31467

Ion Ratio Lower Upper

168 100

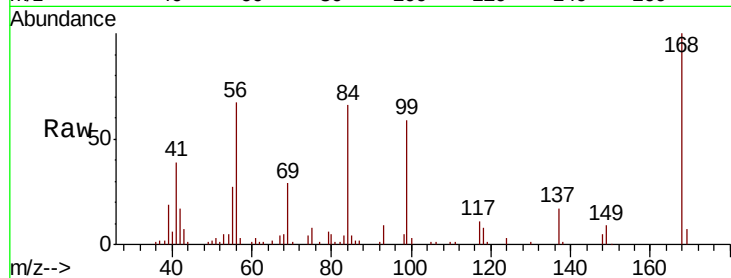
99 58.9 47.8 71.8

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

15000

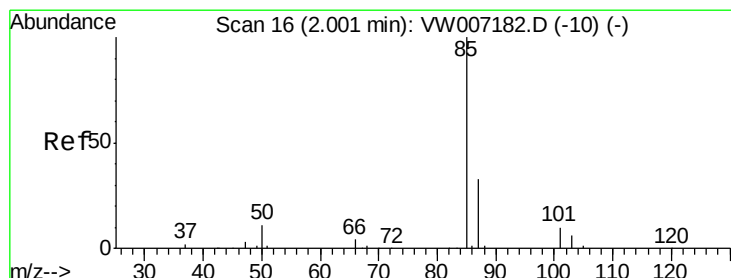
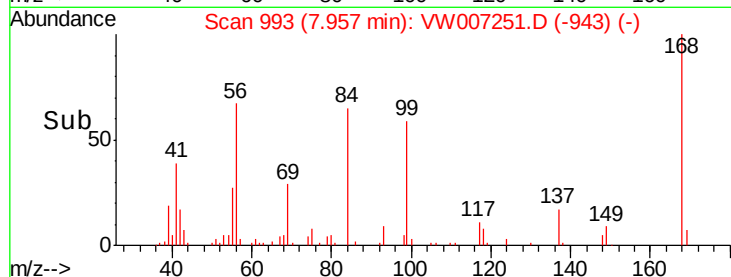
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 38.873 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007251.D

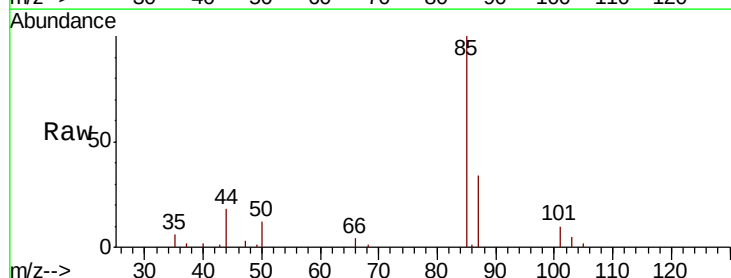
Acq: 05 Dec 2018 23:51

Tgt Ion: 85 Resp: 13383

Ion Ratio Lower Upper

85 100

87 33.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

12000

10000

8000

6000

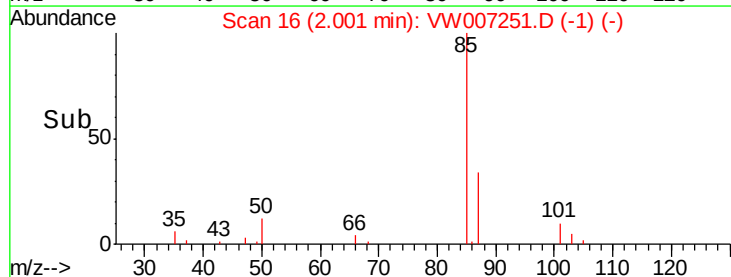
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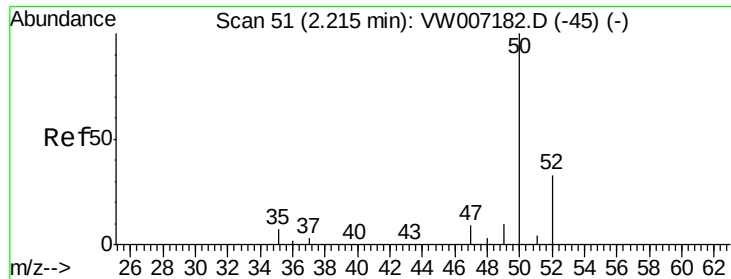
2000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 38.630 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 50 Resp: 16842

Ion Ratio Lower Upper

50 100

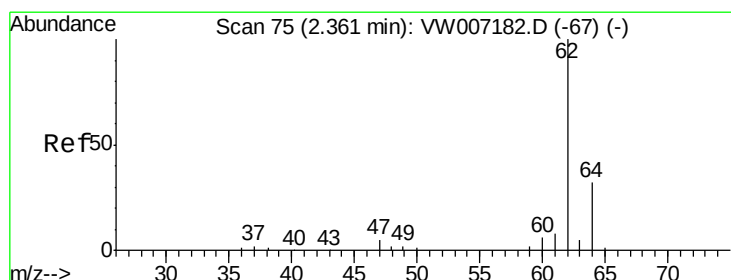
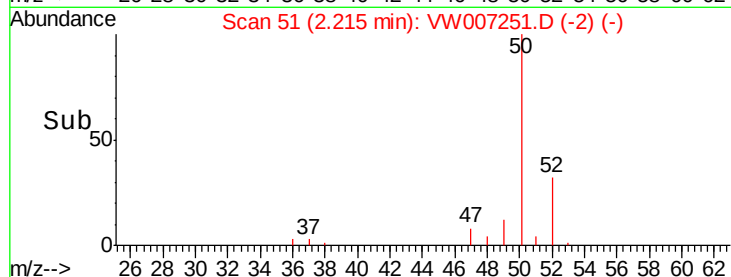
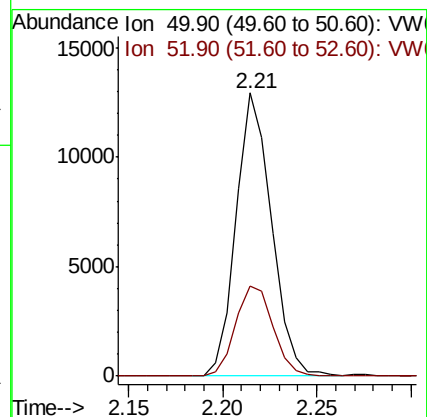
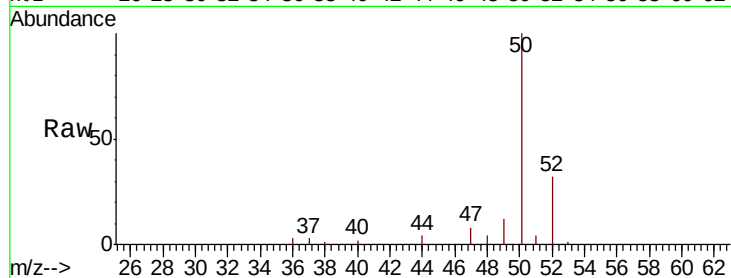
52 31.6 26.2 39.2

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#4

Vinyl Chloride

Concen: 43.341 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007251.D

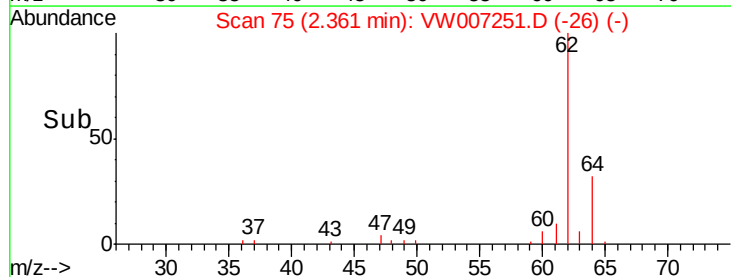
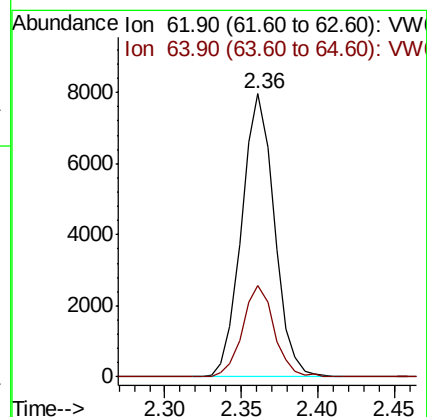
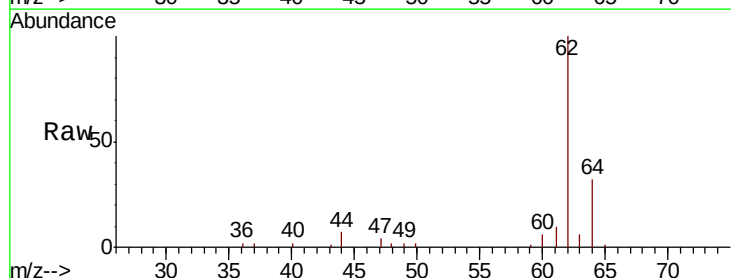
Acq: 05 Dec 2018 23:51

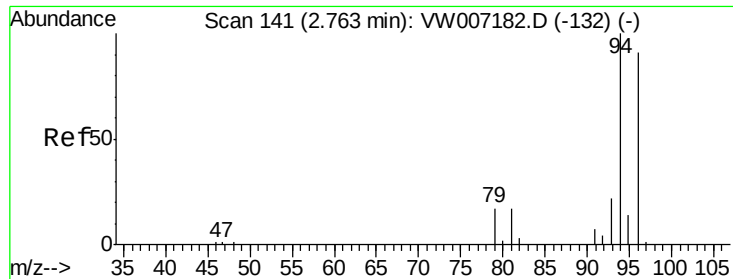
Tgt Ion: 62 Resp: 11831

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9





#5

Bromomethane

Concen: 64.713 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.02 min

Lab File: VW007251.D

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Instrument :

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Tgt Ion: 94 Resp: 8852

Ion Ratio Lower Upper

94 100

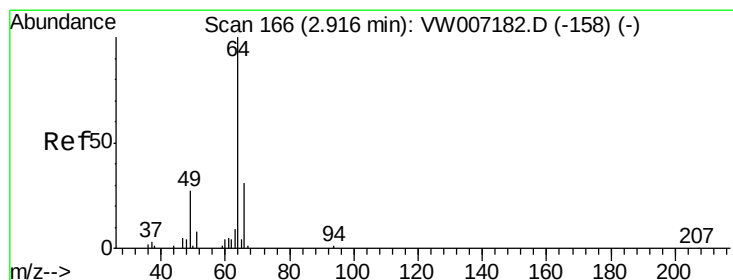
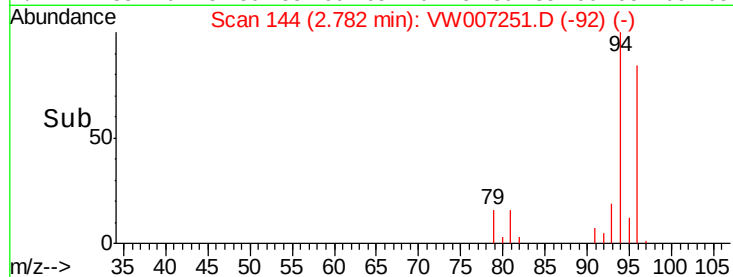
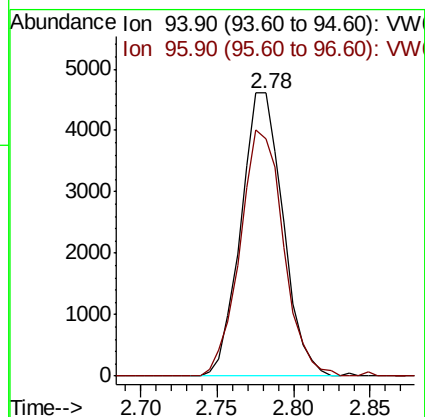
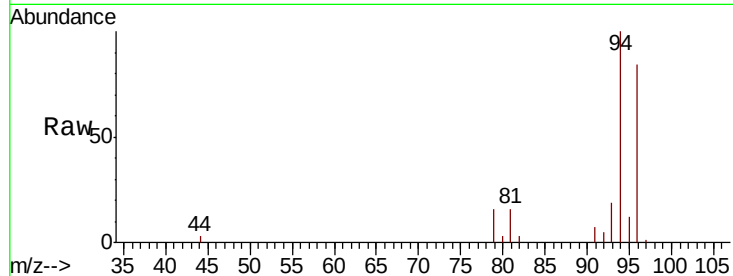
96 84.0 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 47.877 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007251.D

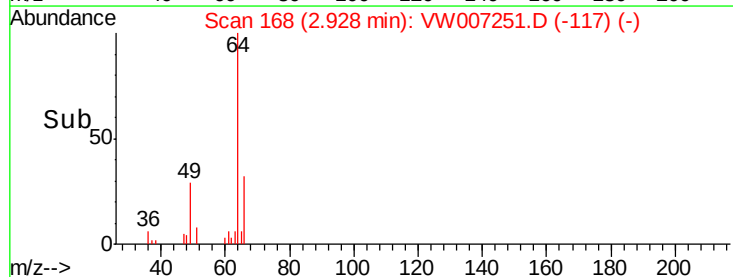
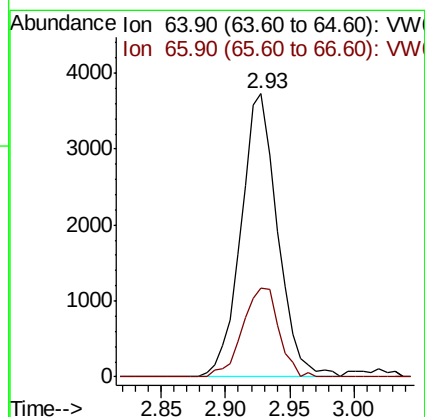
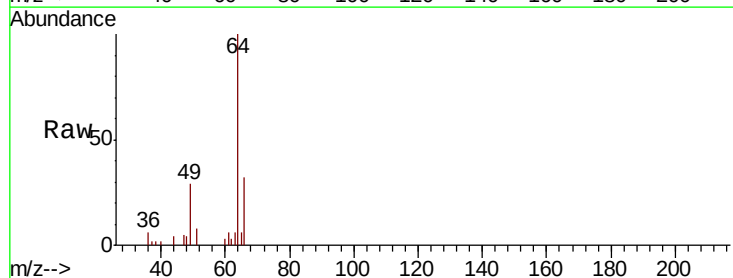
Acq: 05 Dec 2018 23:51

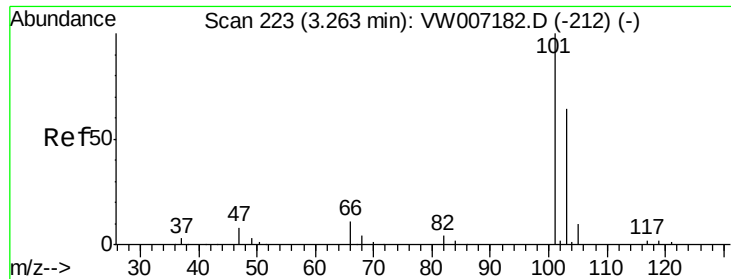
Tgt Ion: 64 Resp: 7333

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.6





#7

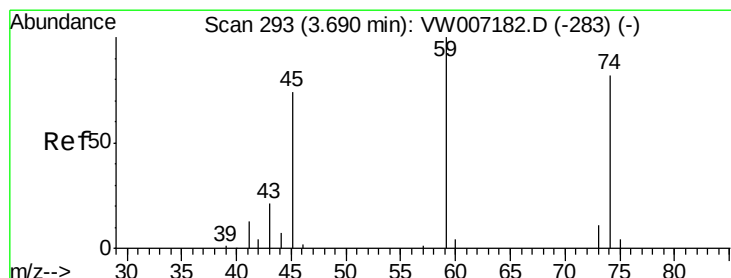
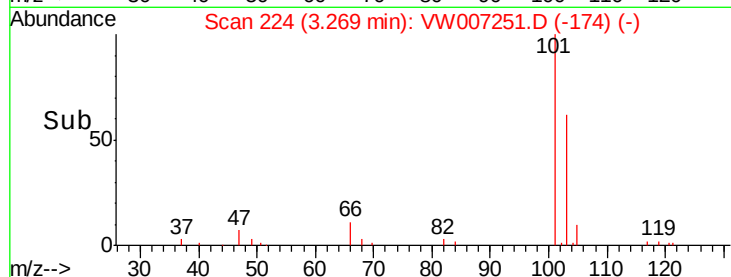
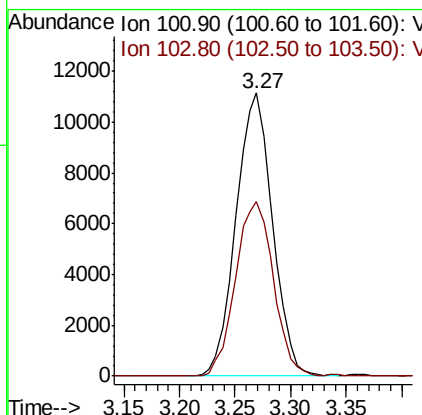
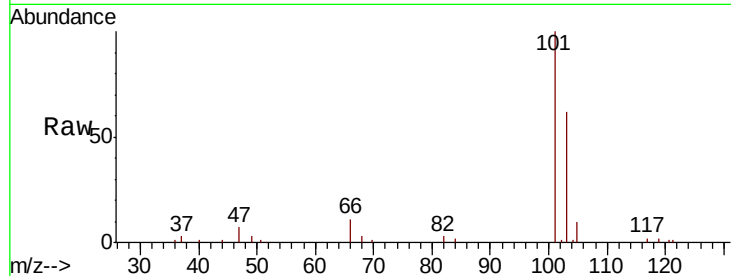
Trichlorofluoromethane
 Concen: 47.591 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: VW007251.D
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Tgt Ion: 101 Resp: 25328
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.9 76.3

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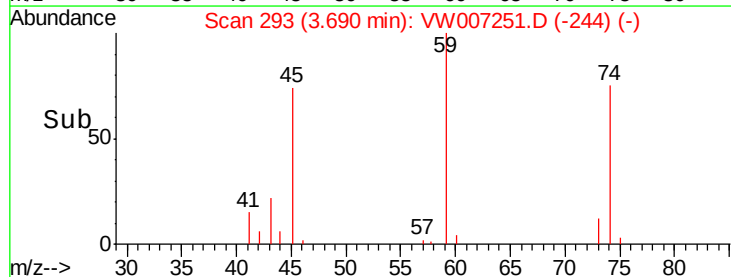
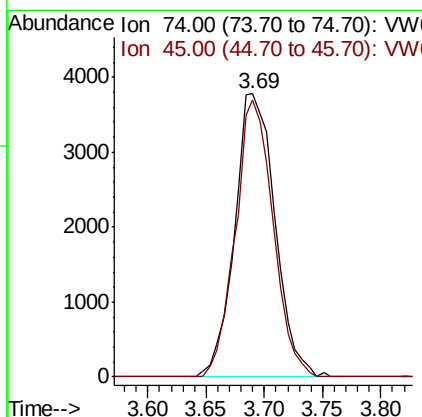
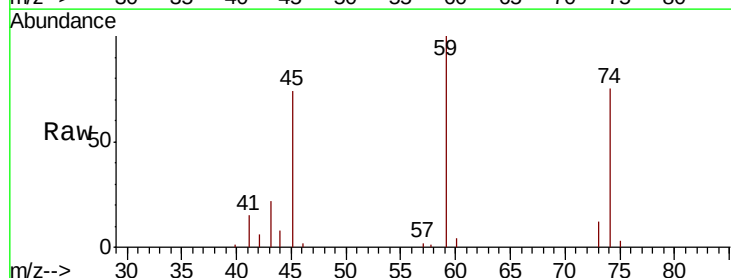
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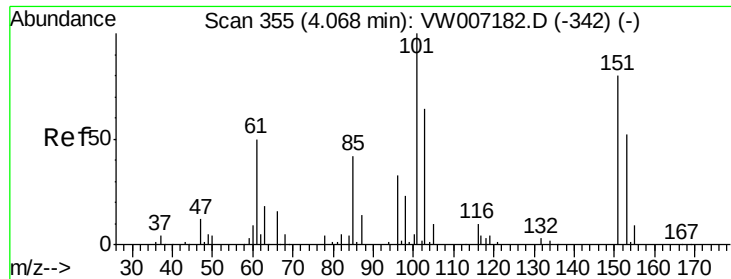


#8

Diethyl Ether
 Concen: 61.599 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion: 74 Resp: 9138
 Ion Ratio Lower Upper
 74 100
 45 91.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.270 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

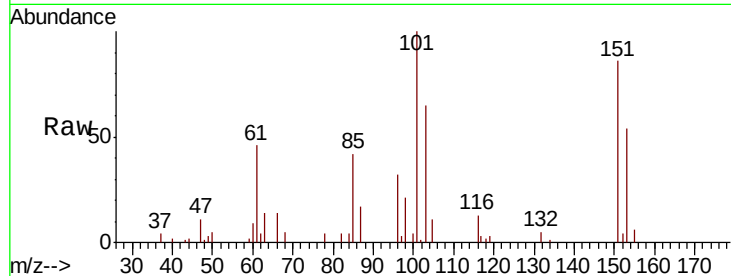
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	101	Resp:	14554
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.4	50.2
151	83.9	63.9	95.9

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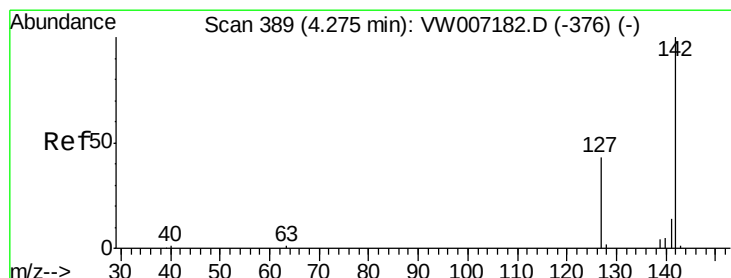
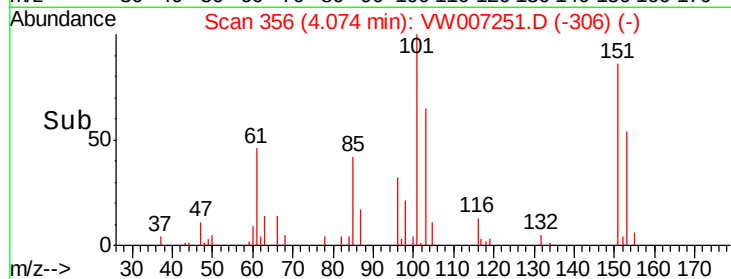
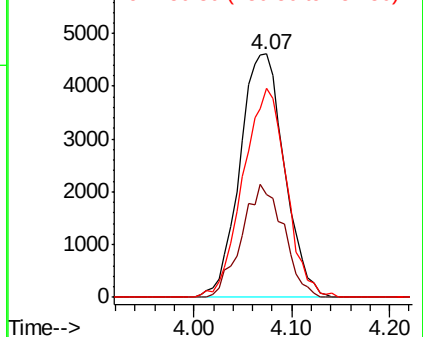


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 25.483 ug/l

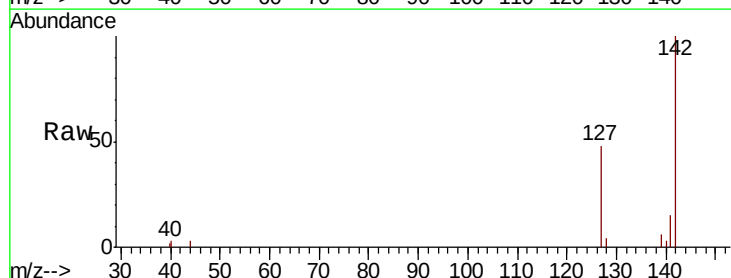
RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Tgt Ion:	142	Resp:	6979
Ion Ratio	Lower	Upper	
142	100		
127	45.1	34.9	52.3
141	15.0	11.7	17.5

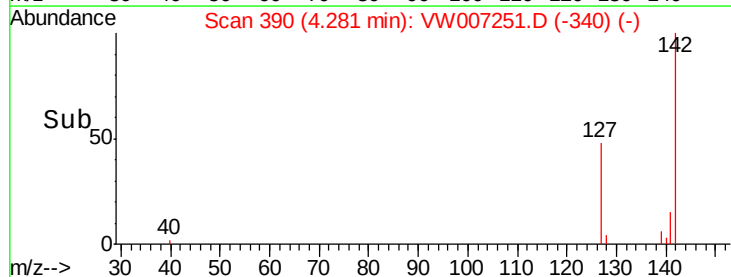
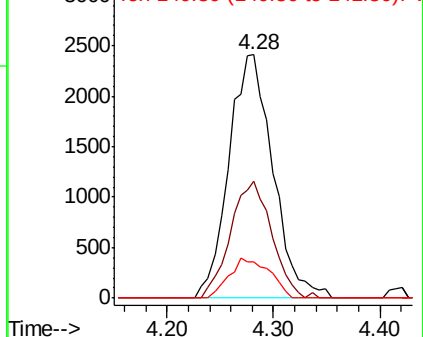


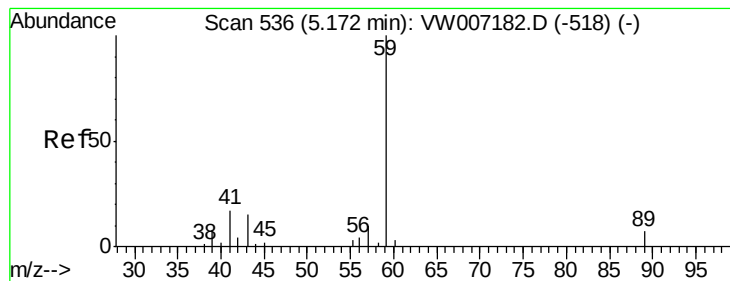
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

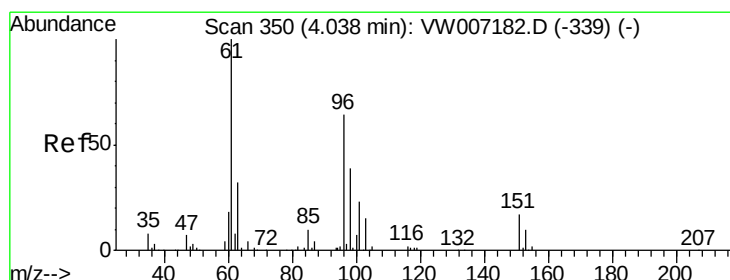
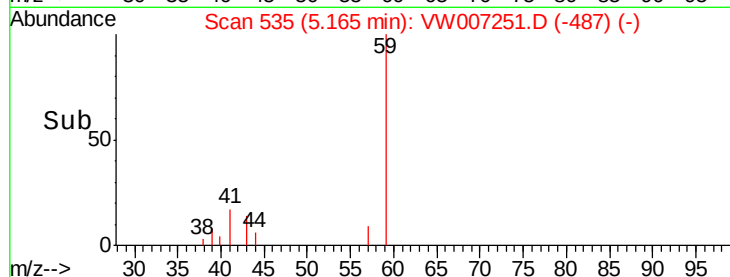
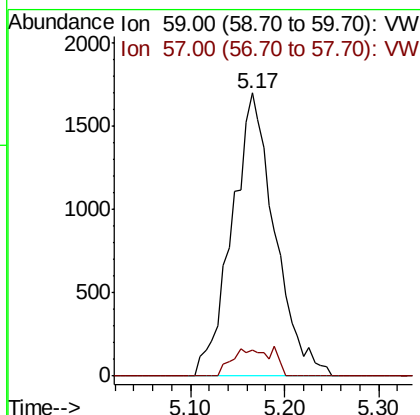
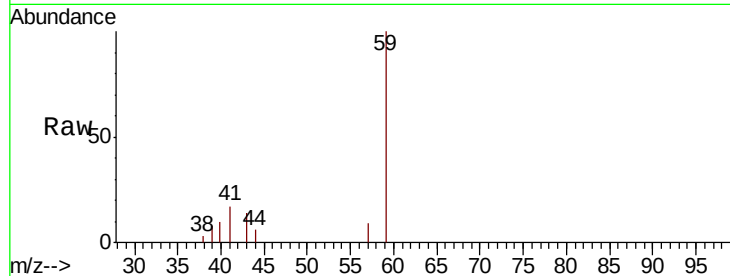
Tert butyl alcohol
 Concen: 188.247 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.1	10.7#

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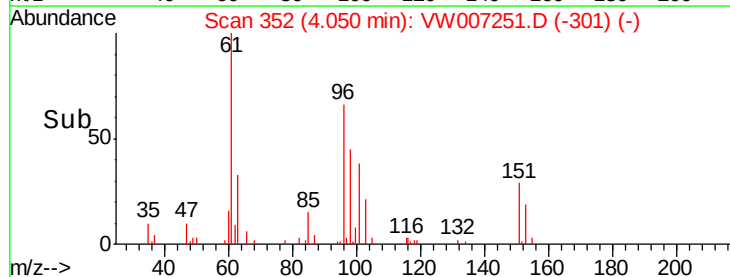
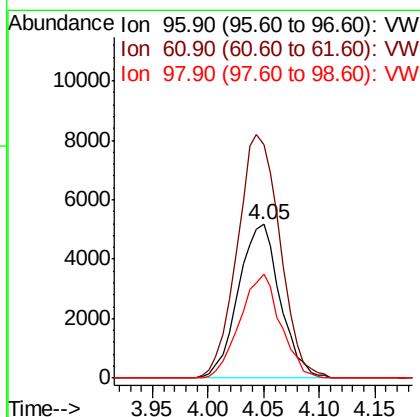
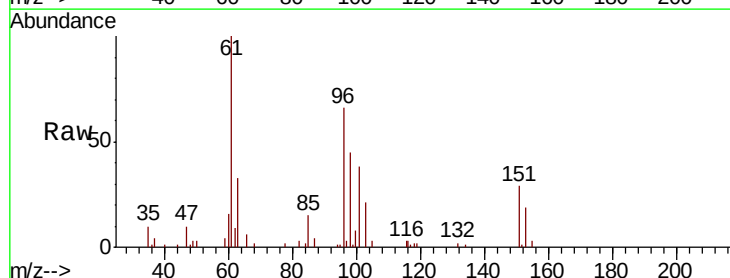
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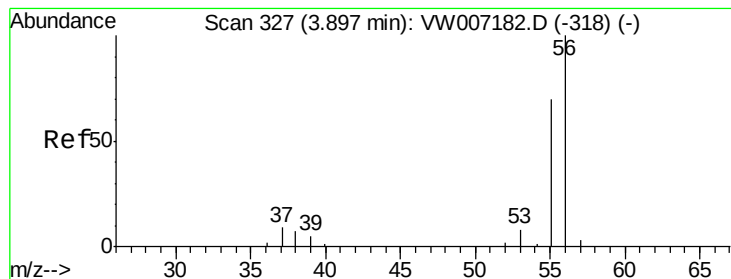


#12

1,1-Dichloroethene
 Concen: 44.695 ug/l
 RT: 4.05 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.5	124.1	186.1
98	67.6	48.6	72.8





#13

Acrolein

Concen: 187.595 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion: 56 Resp: 3851

Ion Ratio Lower Upper

56 100

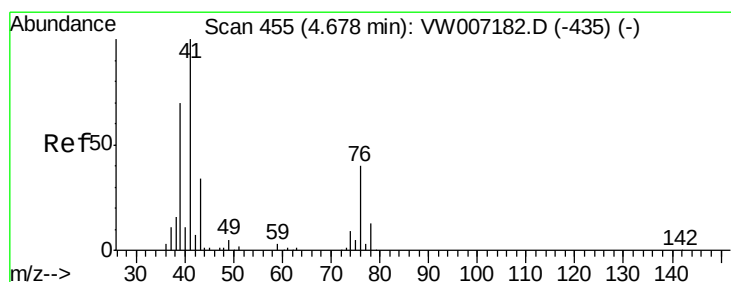
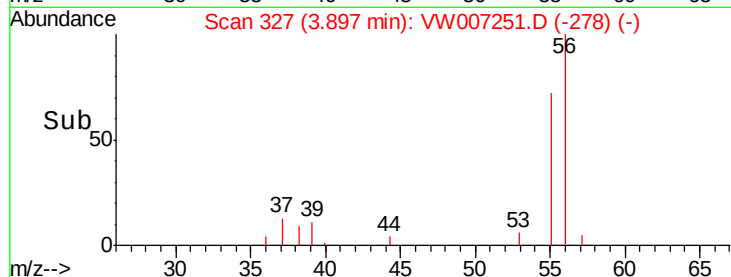
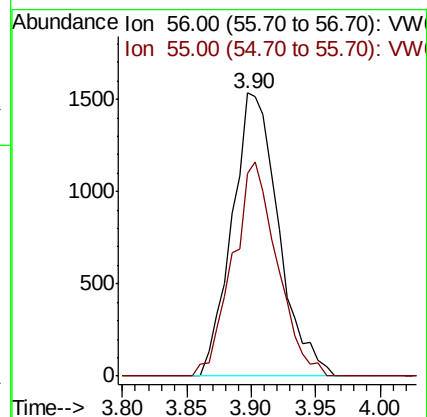
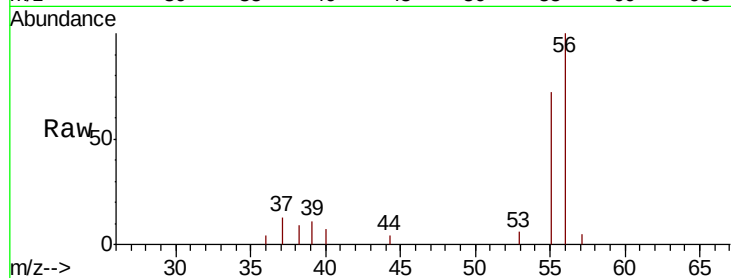
55 72.6 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 48.901 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

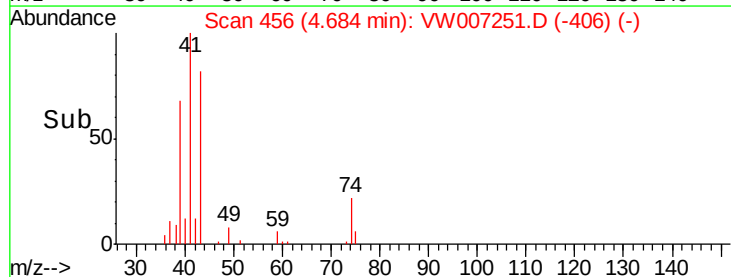
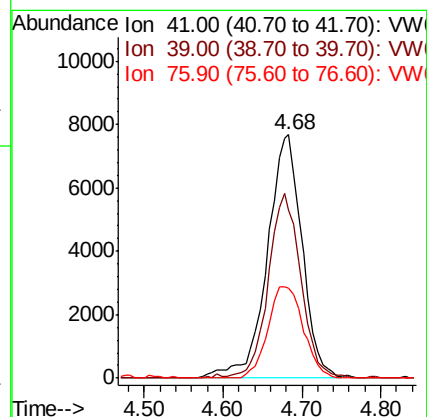
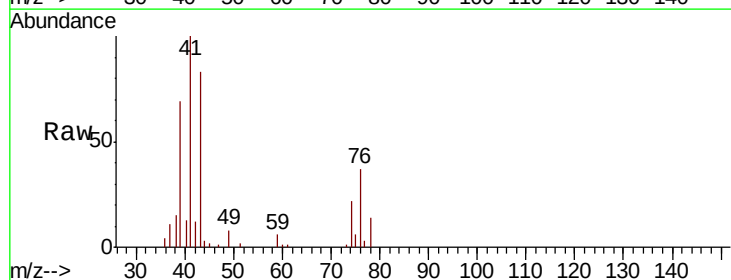
Tgt Ion: 41 Resp: 23616

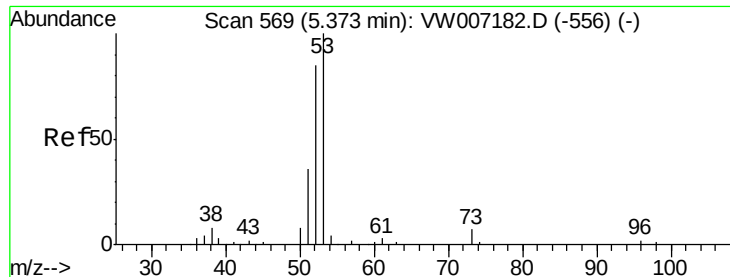
Ion Ratio Lower Upper

41 100

39 70.6 55.9 83.9

76 38.2 30.8 46.2





#15

Acrylonitrile

Concen: 262.865 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

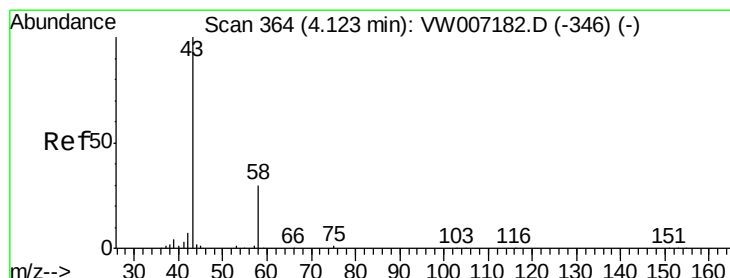
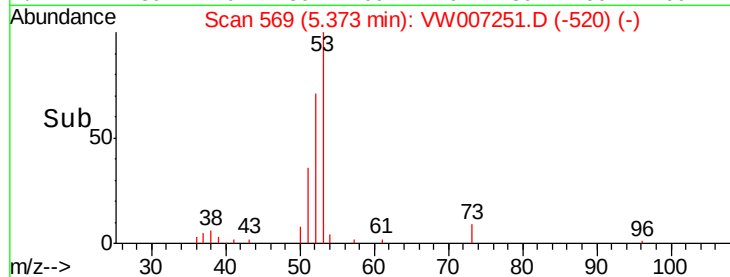
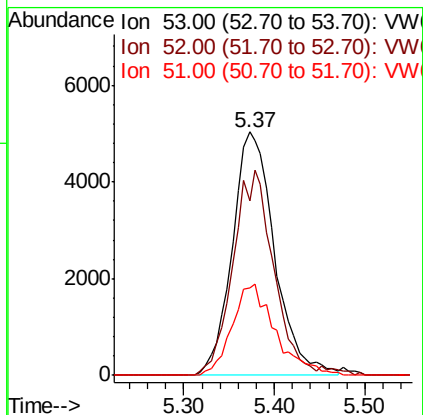
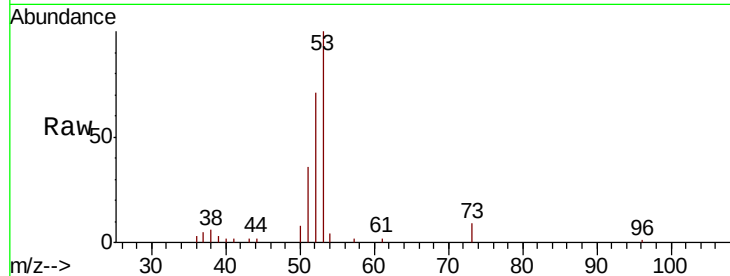
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	53	Resp:	16302
Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.1	99.1
51	38.1	30.3	45.5

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#16

Acetone

Concen: 192.326 ug/l

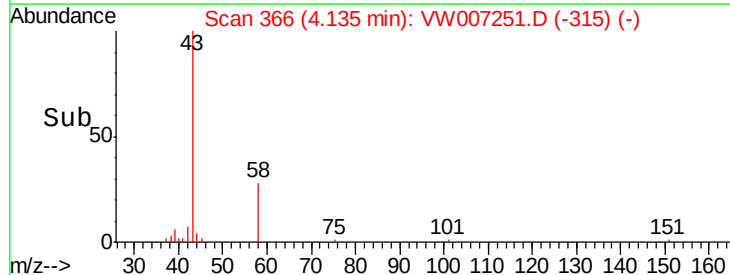
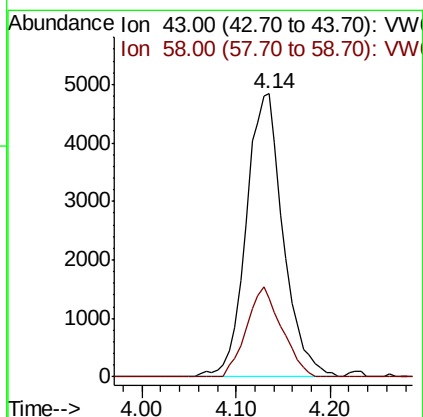
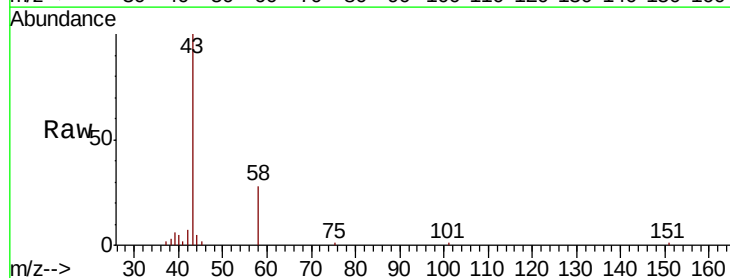
RT: 4.14 min Scan# 366

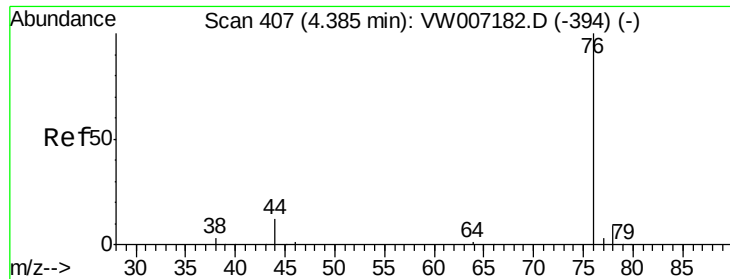
Delta R.T. 0.01 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Tgt Ion:	43	Resp:	13339
Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.8	35.8





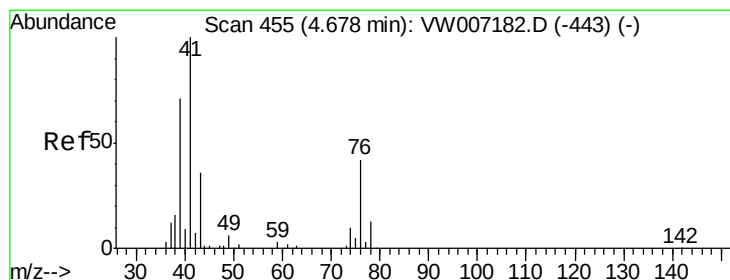
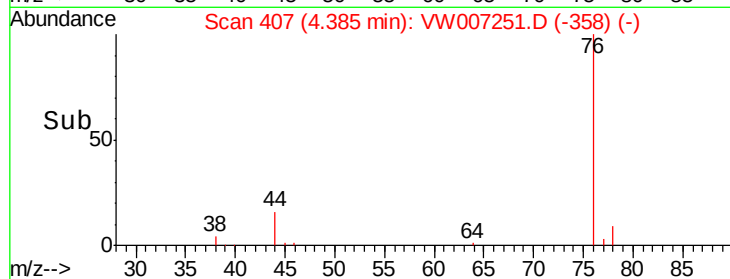
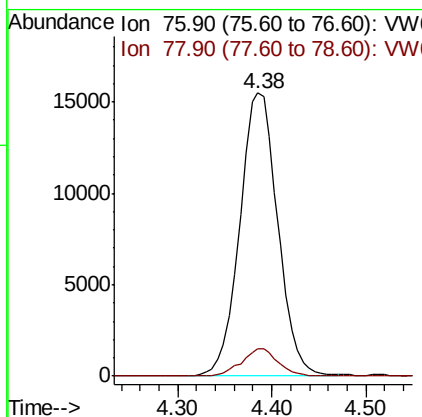
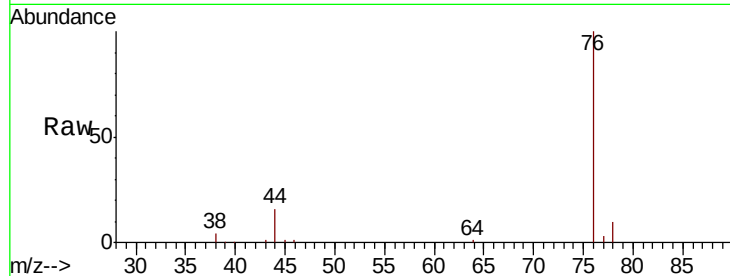
#17
Carbon Disulfide
Concen: 44.037 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion: 76 Resp: 43734
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

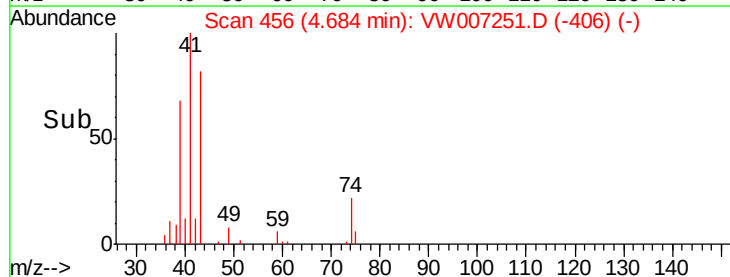
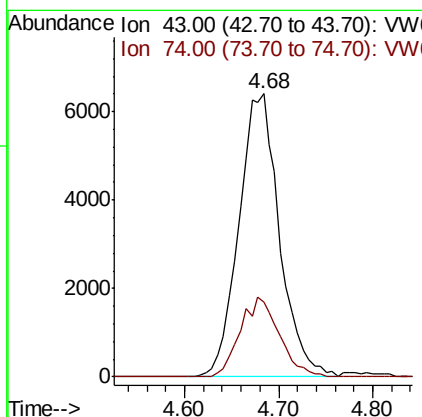
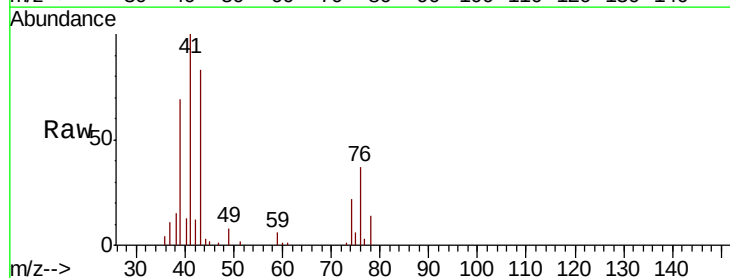
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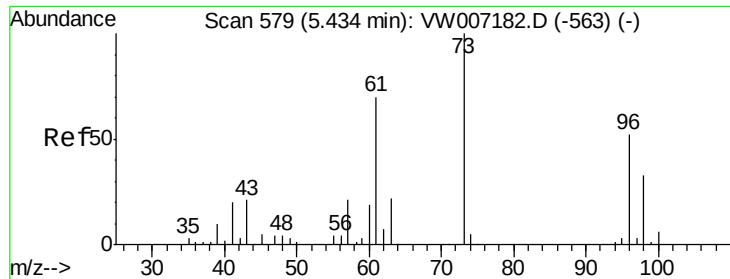
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#18
Methyl Acetate
Concen: 121.955 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion: 43 Resp: 19307
Ion Ratio Lower Upper
43 100
74 27.1 20.1 30.1





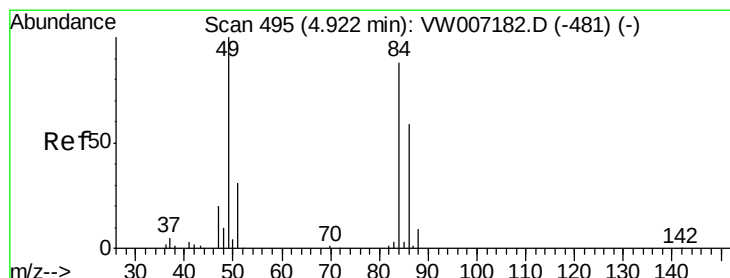
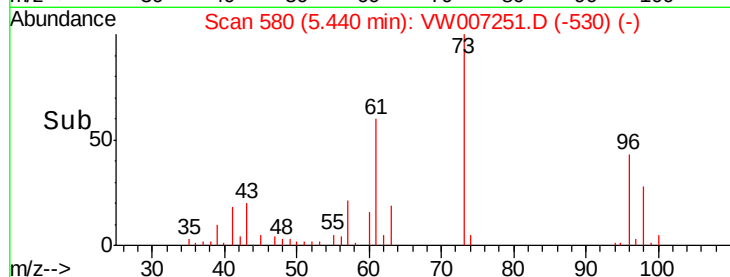
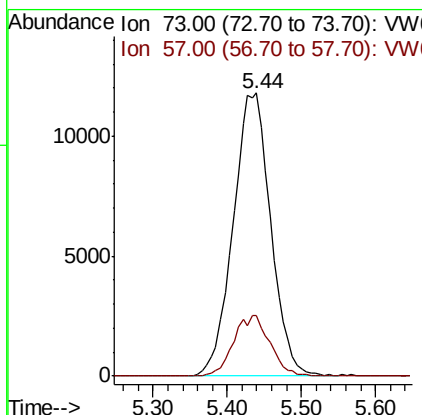
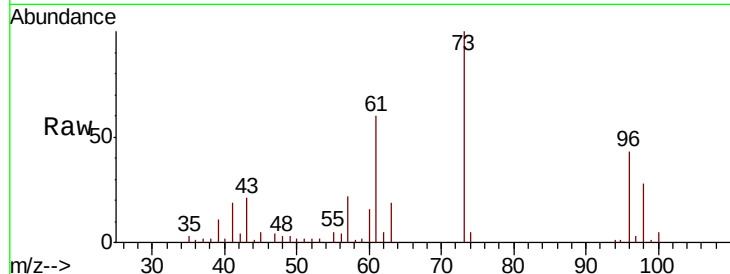
#19
Methyl tert-butyl Ether
Concen: 58.825 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion: 73 Resp: 41728
Ion Ratio Lower Upper
73 100
57 21.6 16.6 25.0

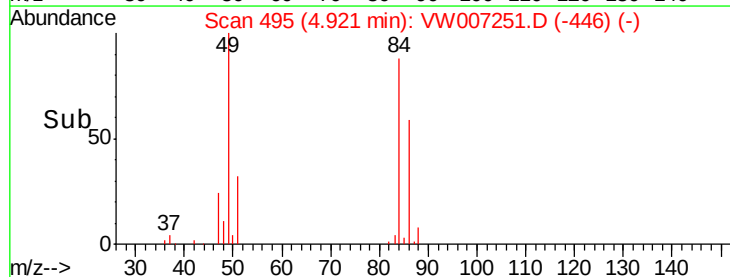
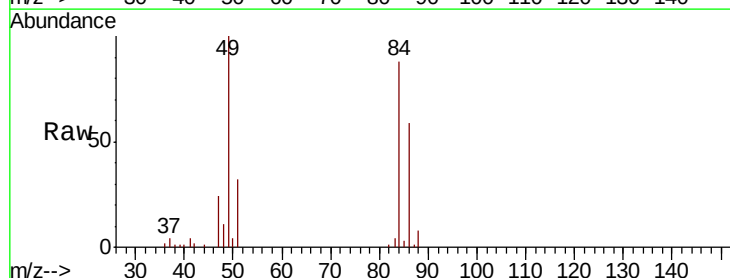
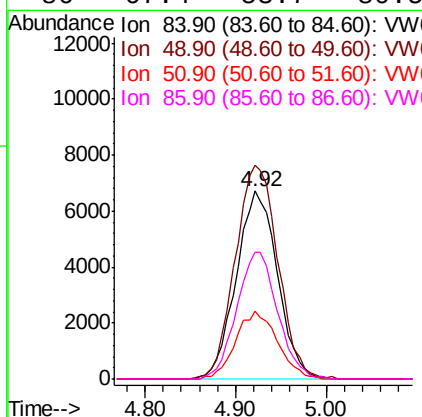
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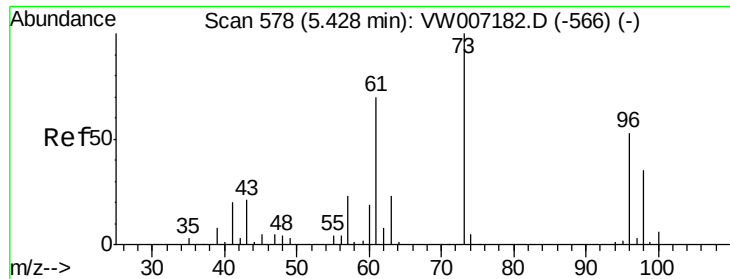
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#20
Methylene Chloride
Concen: 61.841 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion: 84 Resp: 21168
Ion Ratio Lower Upper
84 100
49 113.6 90.6 135.8
51 35.8 27.6 41.4
86 67.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 49.183 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

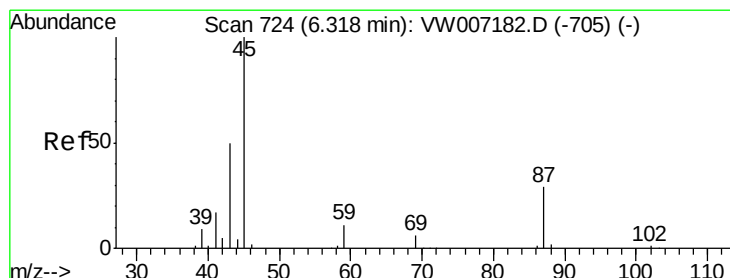
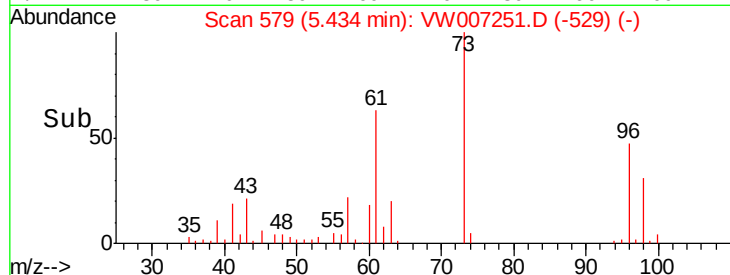
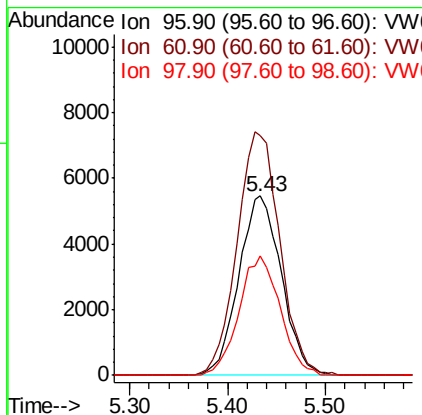
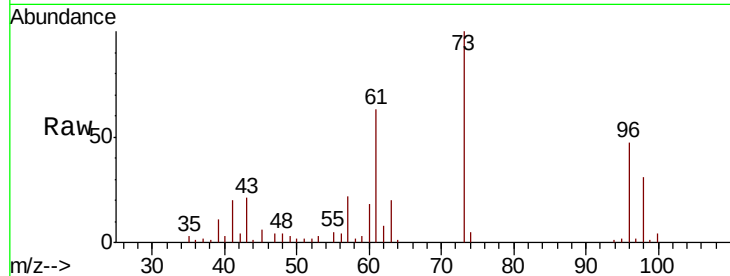
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	96	Resp:	16546
Ion	Ratio	Lower	Upper
96	100		
61	133.8	105.5	158.3
98	66.6	52.6	79.0

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#22

Diisopropyl ether

Concen: 60.479 ug/l

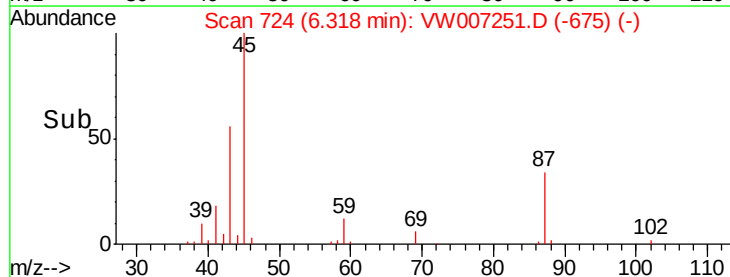
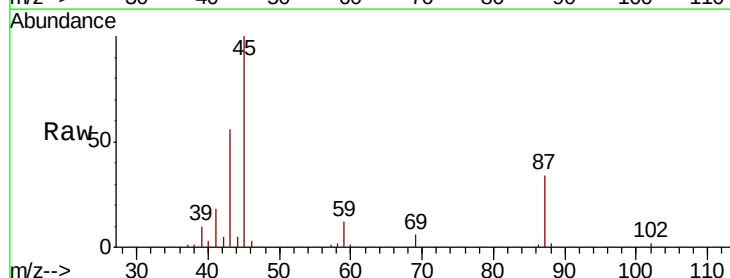
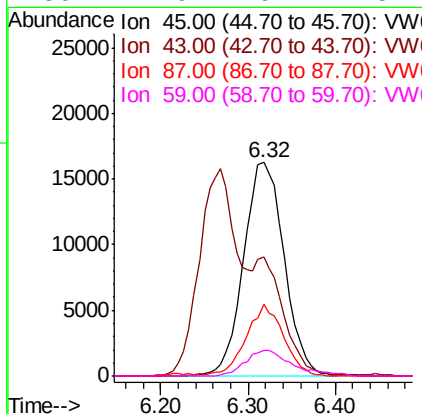
RT: 6.32 min Scan# 724

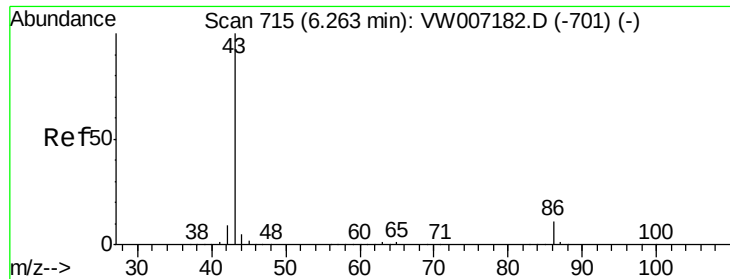
Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Tgt Ion:	45	Resp:	52432
Ion	Ratio	Lower	Upper
45	100		
43	54.8	40.8	61.2
87	33.6	24.0	36.0
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 107.514 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion: 43 Resp: 50859

Ion Ratio Lower Upper

43 100

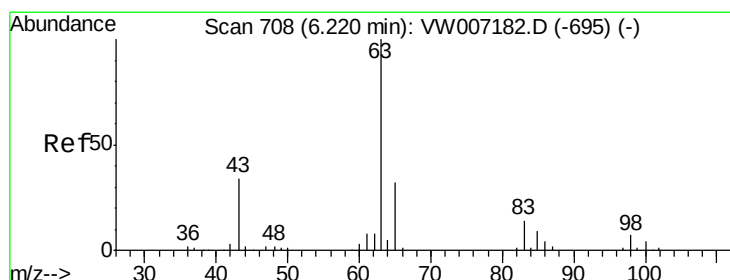
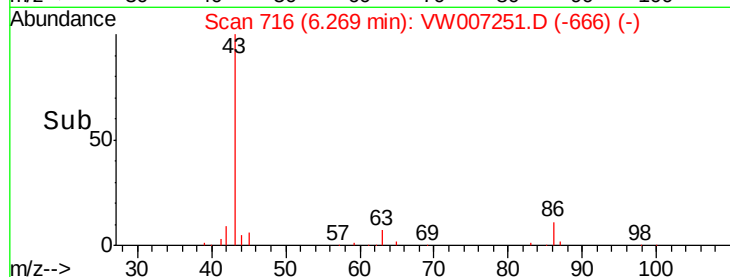
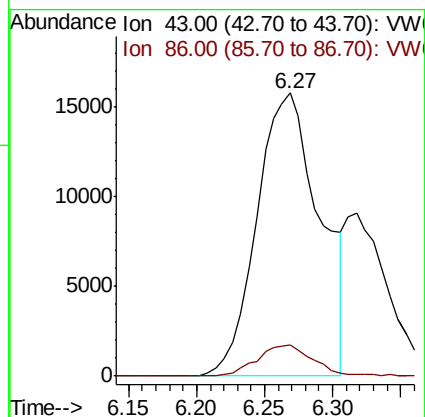
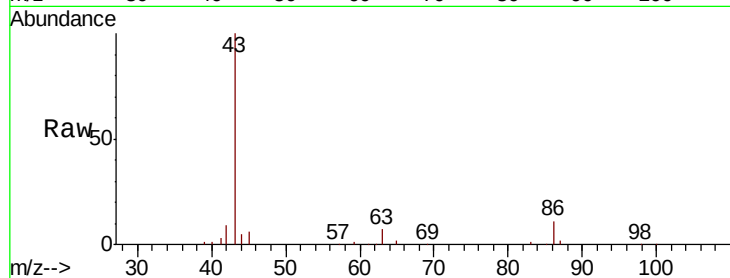
86 10.9 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 53.560 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

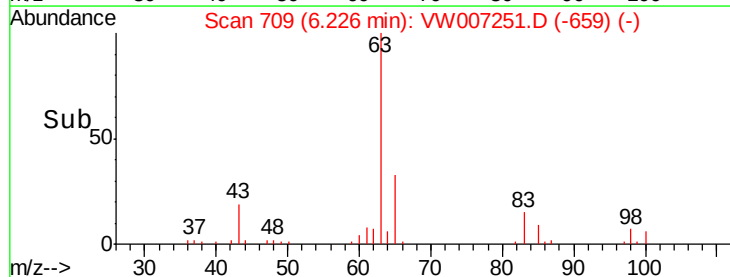
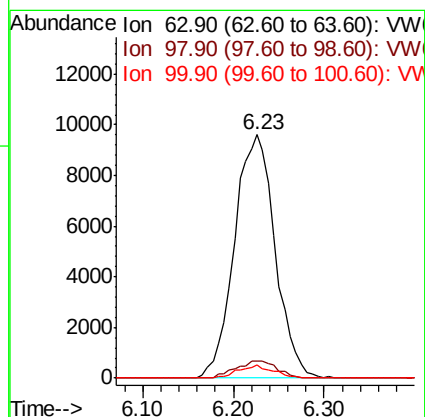
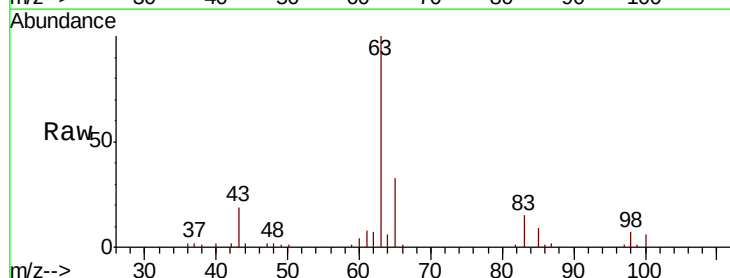
Tgt Ion: 63 Resp: 29761

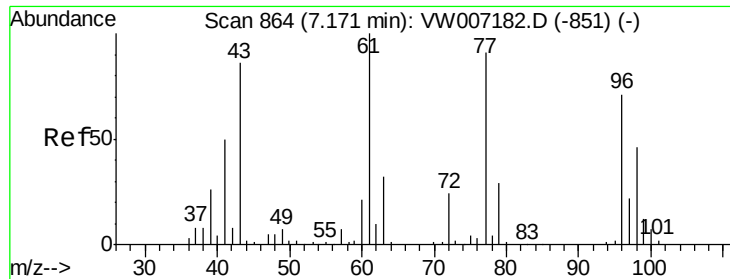
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 5.7 2.1 6.2





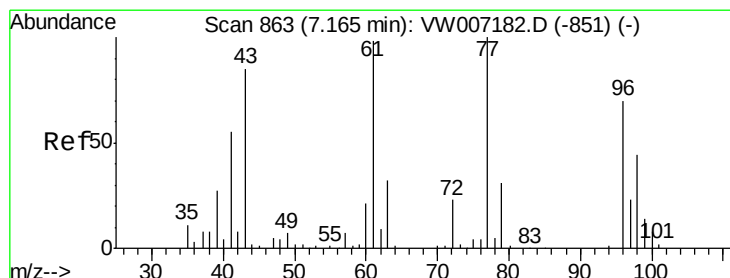
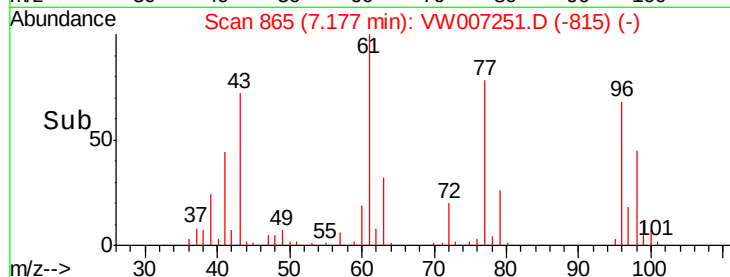
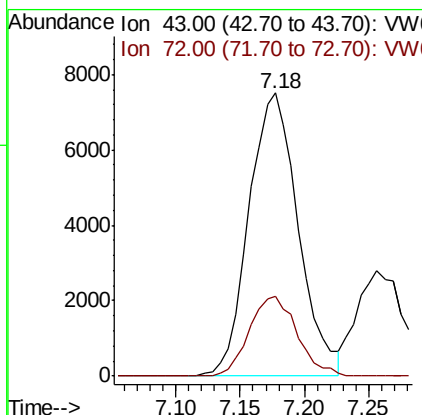
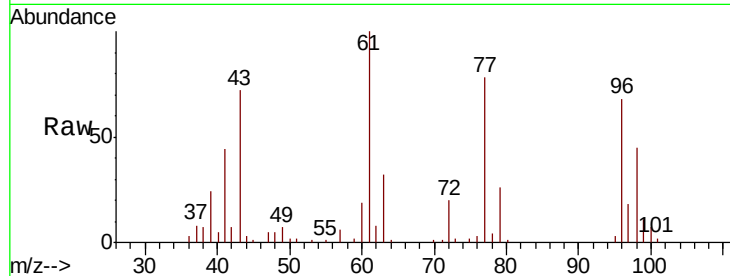
#25
2-Butanone
Concen: 248.103 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion: 43 Resp: 19947
Ion Ratio Lower Upper
43 100
72 28.4 22.8 34.2

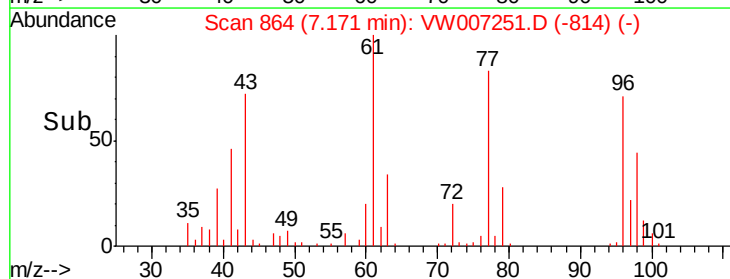
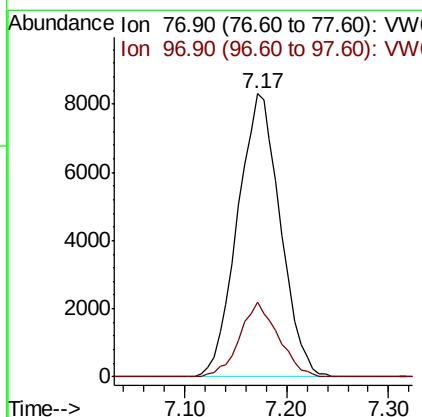
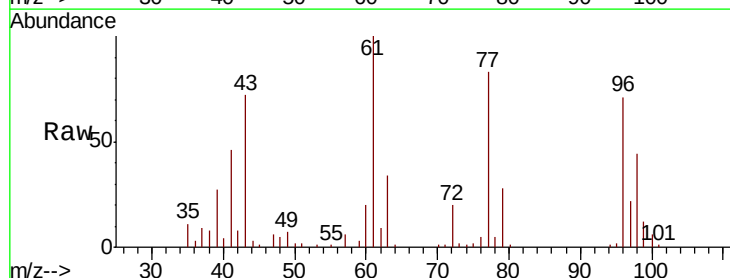
Manual Integrations
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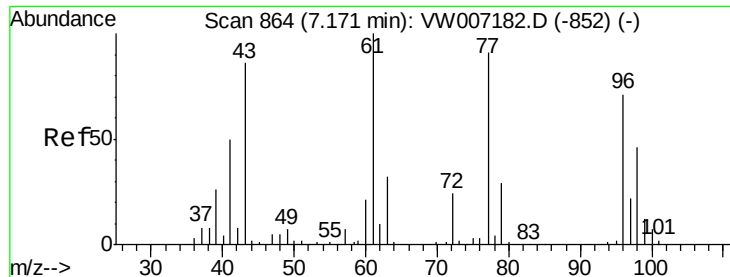
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#26
2,2-Dichloropropane
Concen: 45.200 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion: 77 Resp: 24136
Ion Ratio Lower Upper
77 100
97 23.9 11.5 34.4





#27

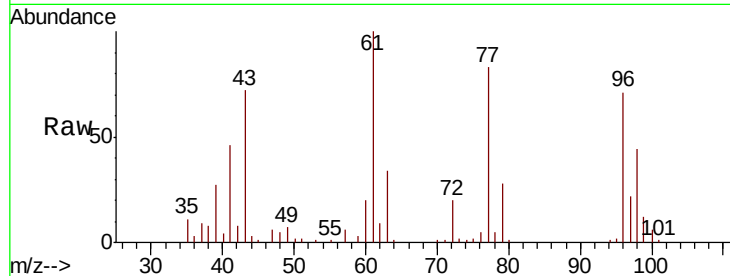
cis-1,2-Dichloroethene
Concen: 53.037 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

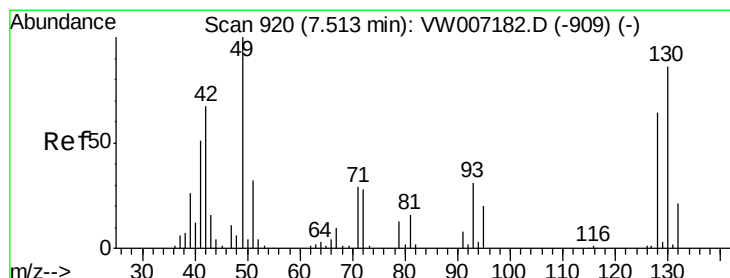
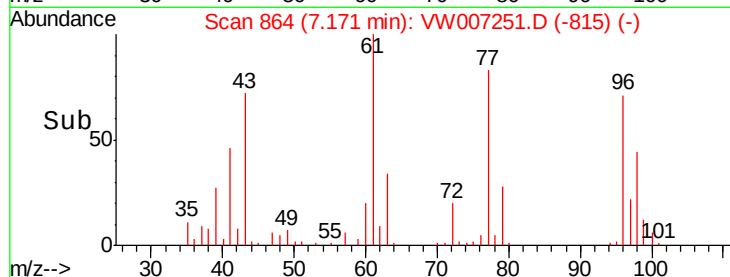
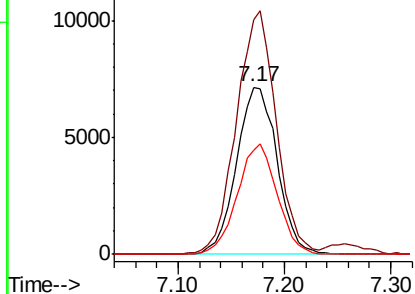
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	282.4
98	64.4	0.0	129.8

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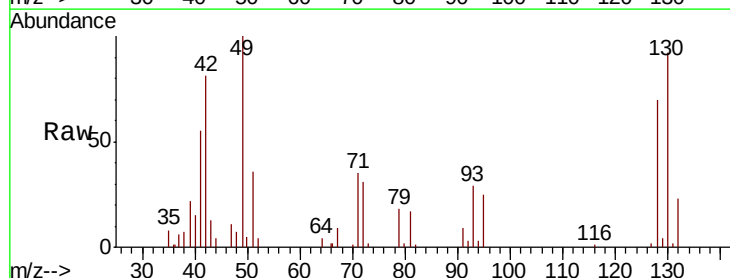
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



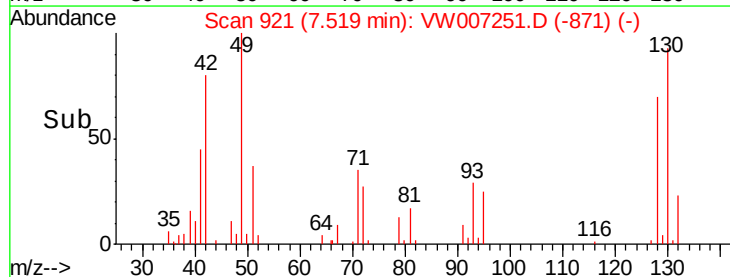
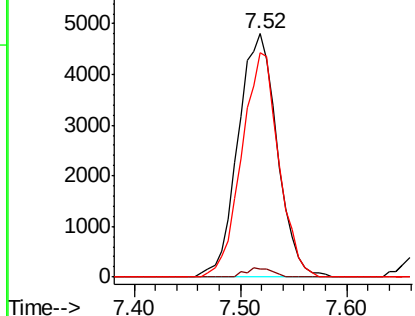
#28

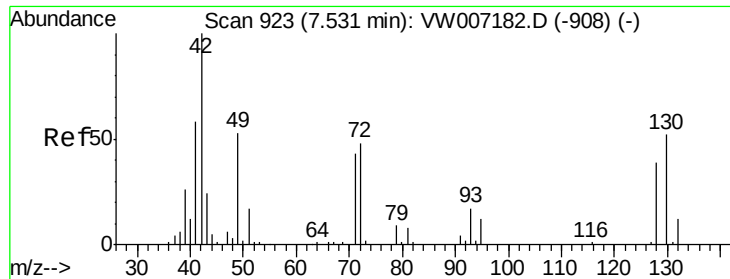
Bromochloromethane
Concen: 61.843 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	3.8
130	87.2	70.3	105.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





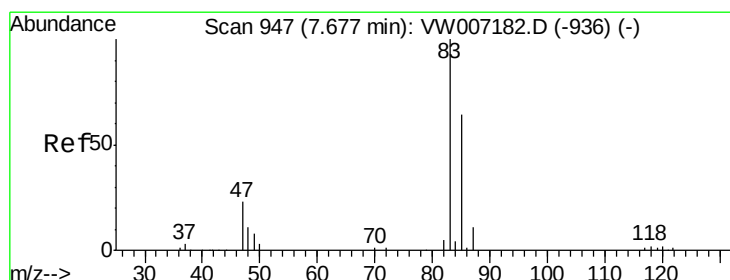
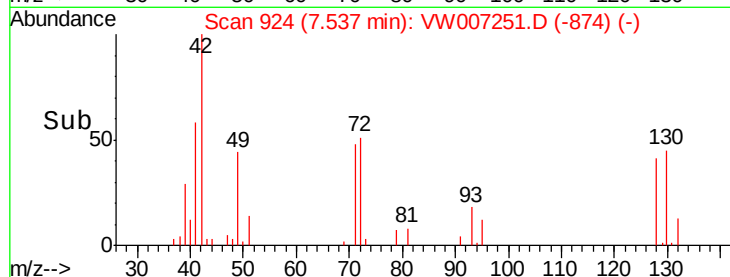
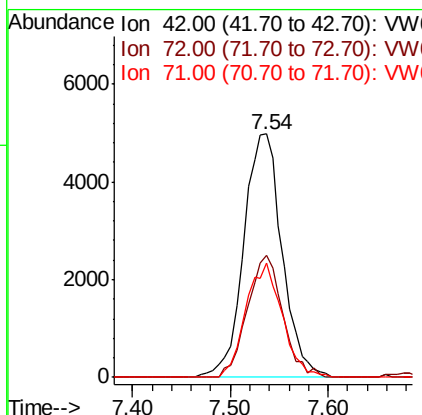
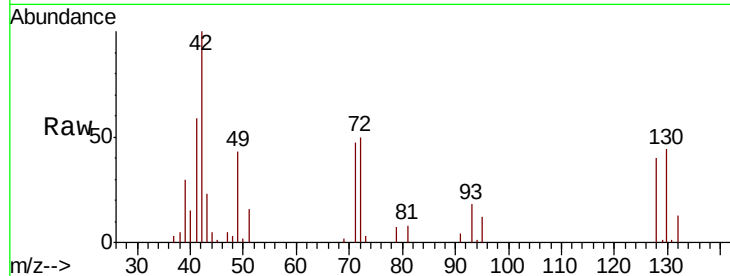
#29
Tetrahydrofuran
Concen: 273.296 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.4	36.6	55.0
71	44.3	34.8	52.2

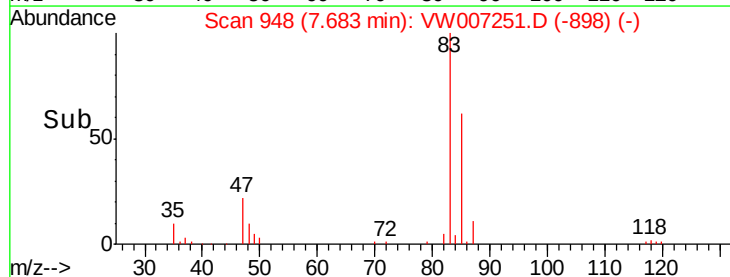
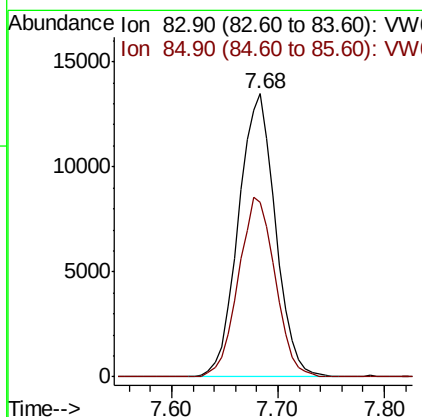
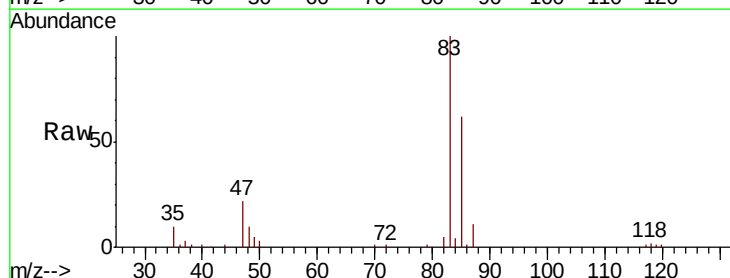
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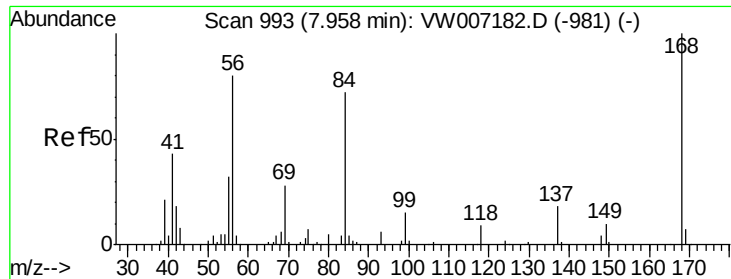
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#30
Chloroform
Concen: 56.876 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.5	77.3





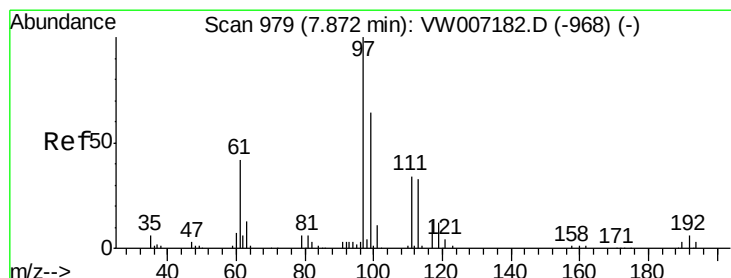
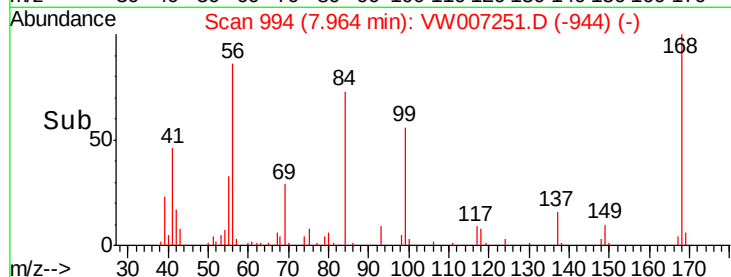
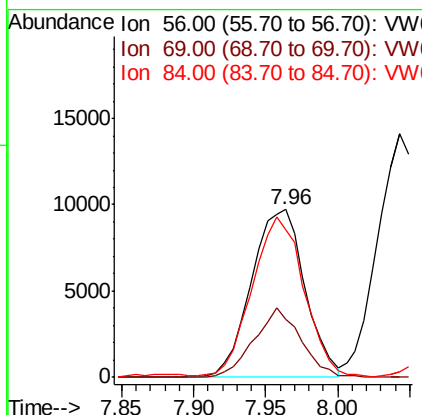
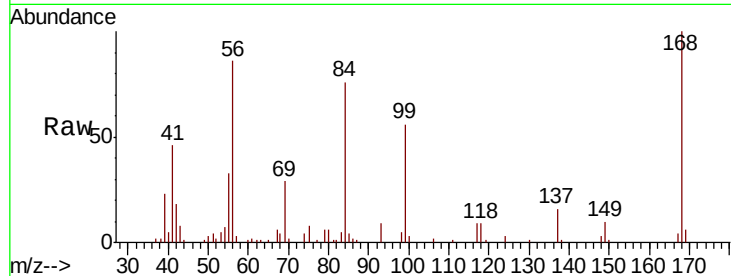
#31
Cyclohexane
Concen: 43.121 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion: 56 Resp: 25070
Ion Ratio Lower Upper
56 100
69 34.4 28.2 42.2
84 87.5 72.1 108.1

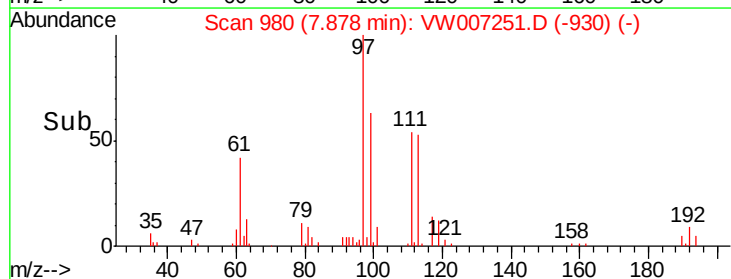
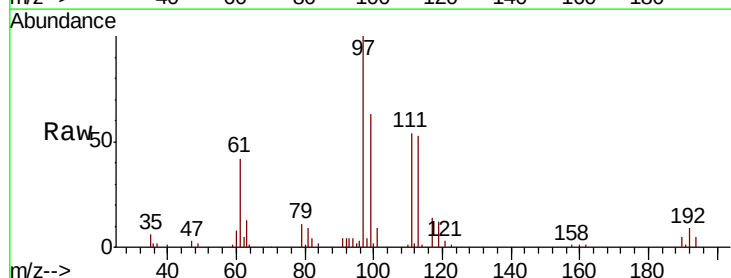
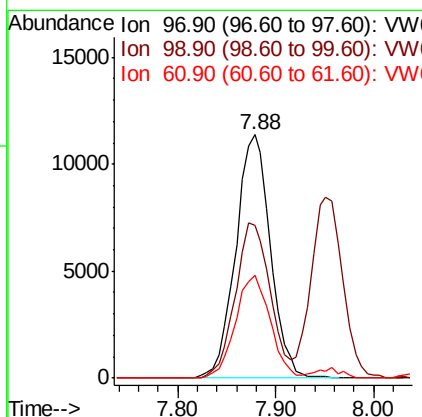
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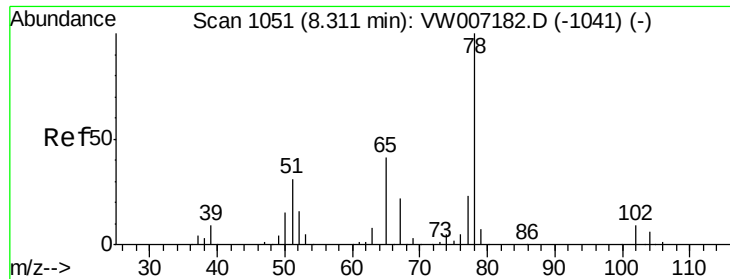
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#32
1,1,1-Trichloroethane
Concen: 51.299 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion: 97 Resp: 27879
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 42.5 33.2 49.8





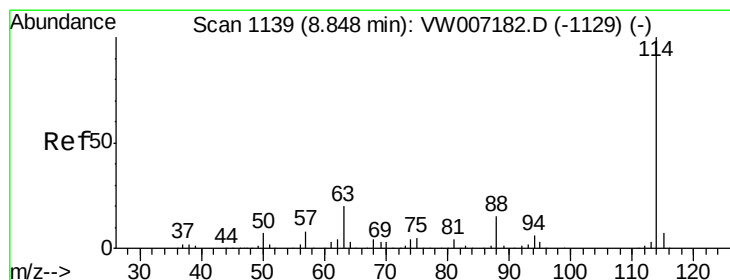
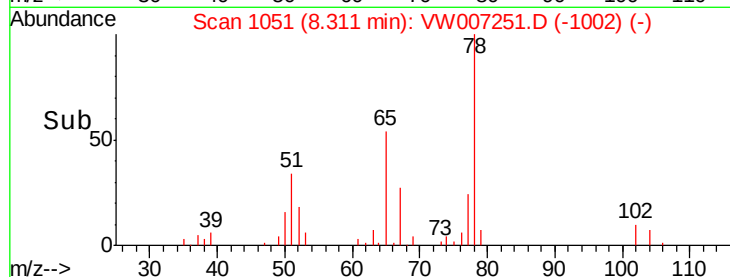
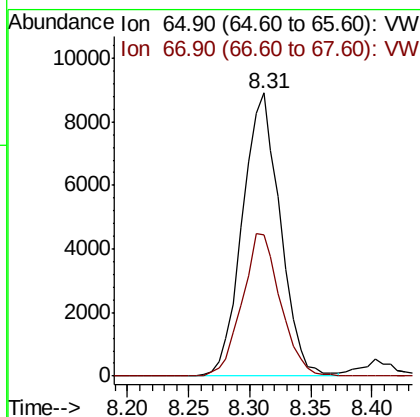
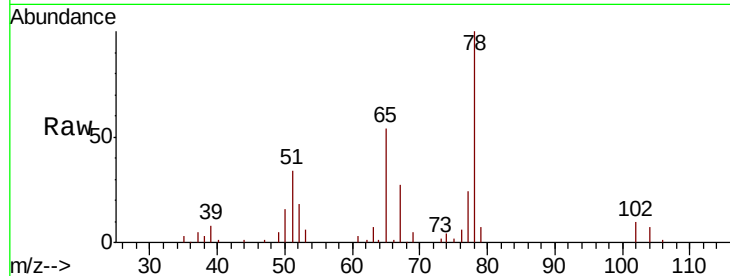
#33
 1,2-Dichloroethane-d4
 Concen: 65.409 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	19163		
67	50.9	0.0	106.4	

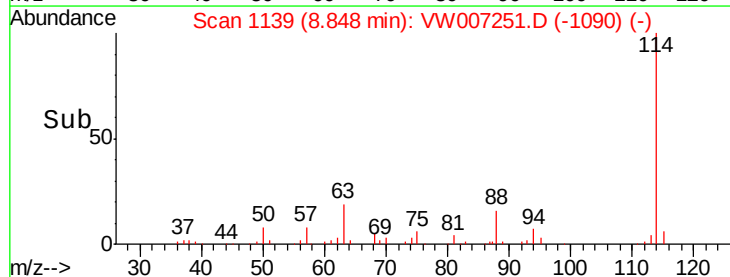
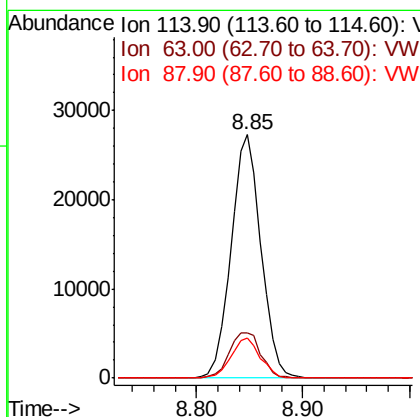
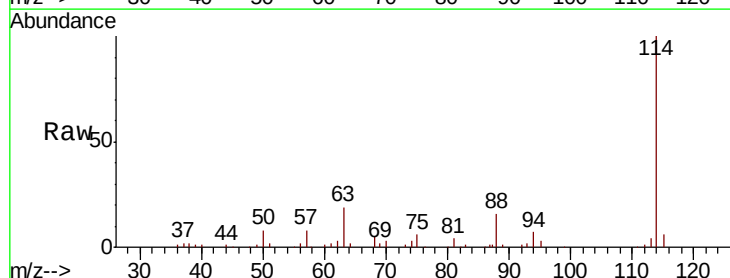
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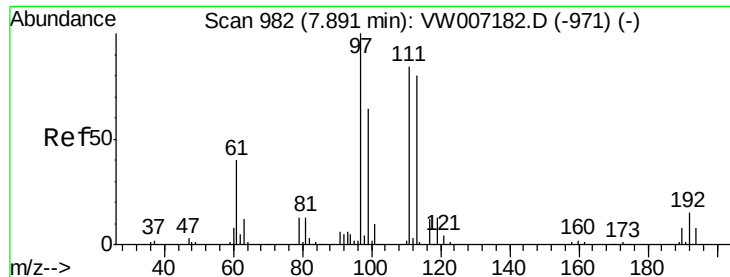
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	53576		
63	18.8	0.0	40.2	
88	16.3	0.0	30.0	





#35

Dibromofluoromethane

Concen: 57.469 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

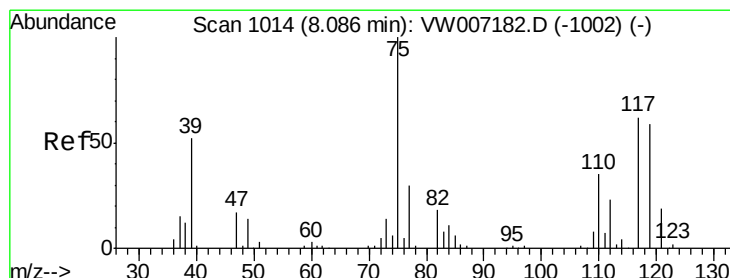
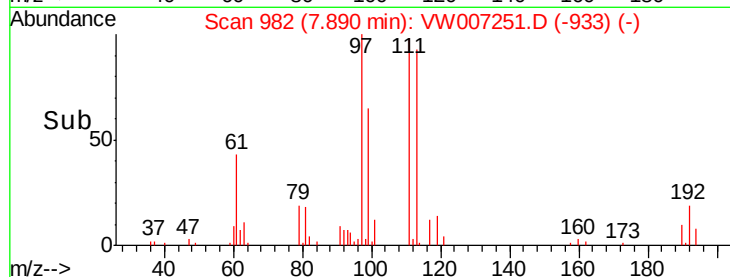
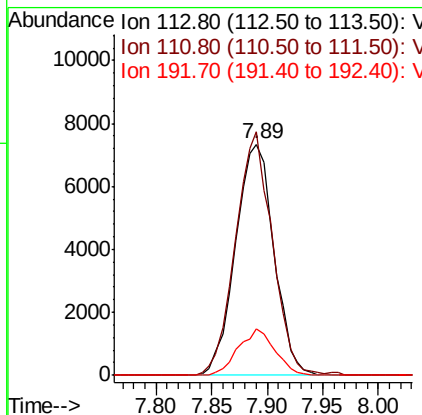
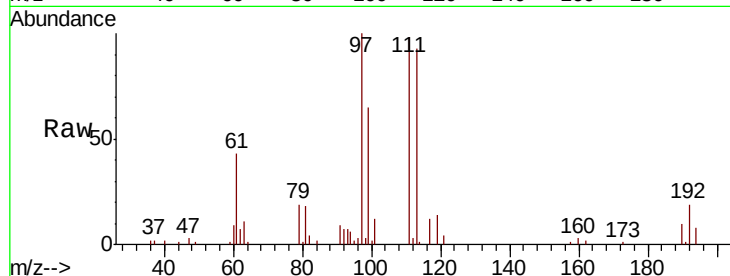
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	113	Resp:	17630
Ion Ratio	Lower	Upper	
113	100		
111	101.0	82.2	123.4
192	19.0	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 44.993 ug/l

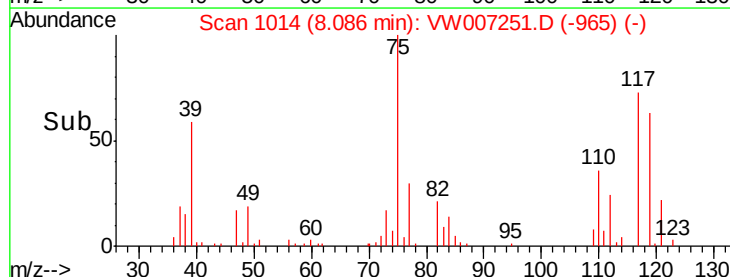
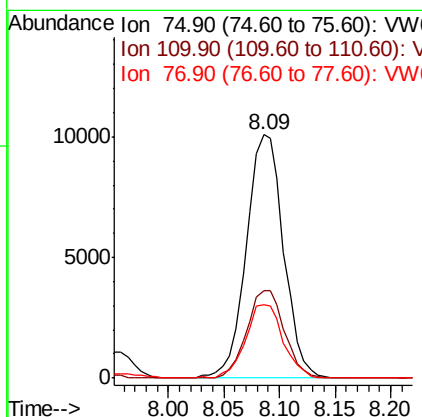
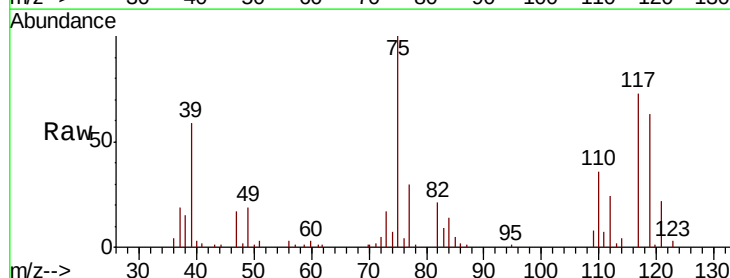
RT: 8.09 min Scan# 1014

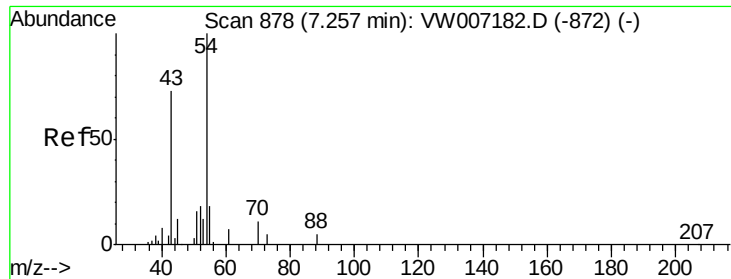
Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Tgt Ion:	75	Resp:	23455
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.3	54.9
77	30.6	24.9	37.3





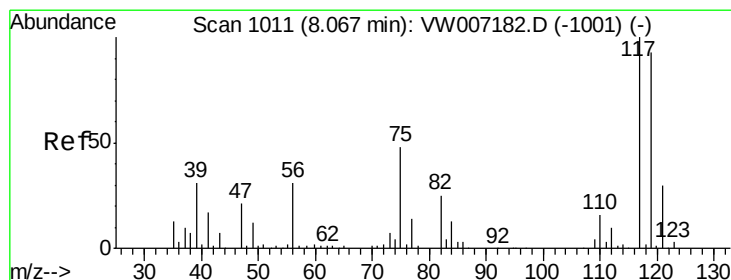
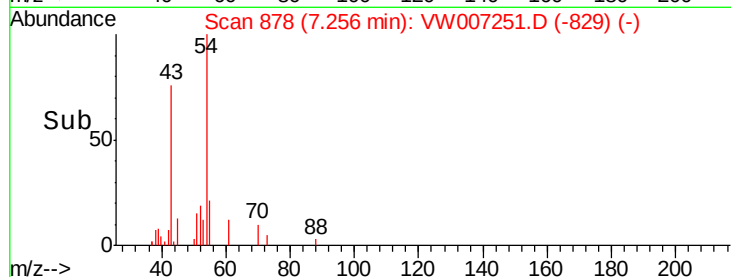
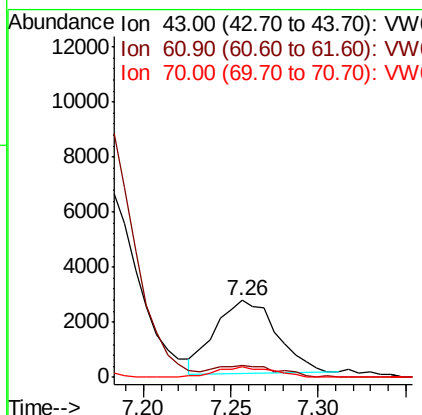
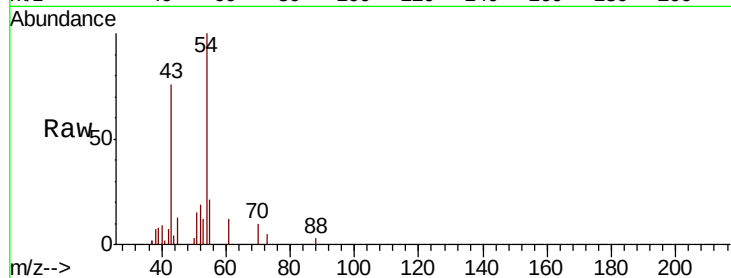
#37
 Ethyl Acetate
 Concen: 34.274 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	12.1	18.1
70	13.7	9.1	13.7

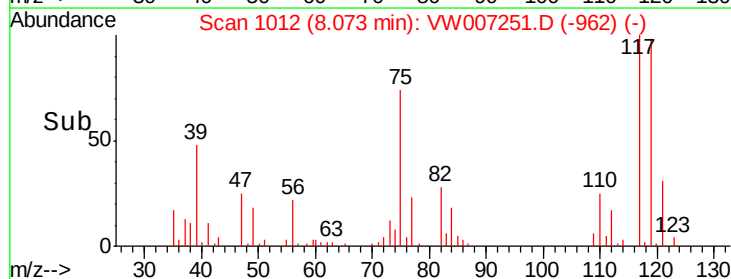
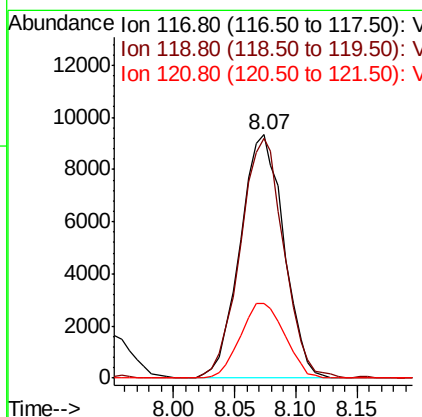
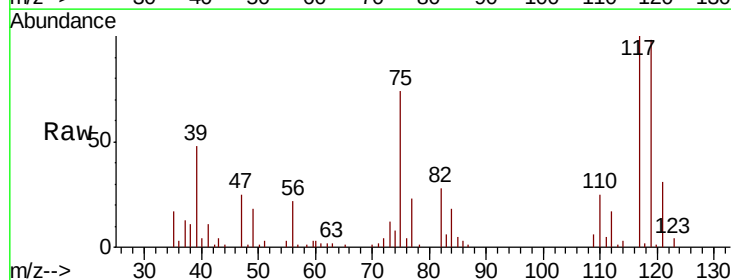
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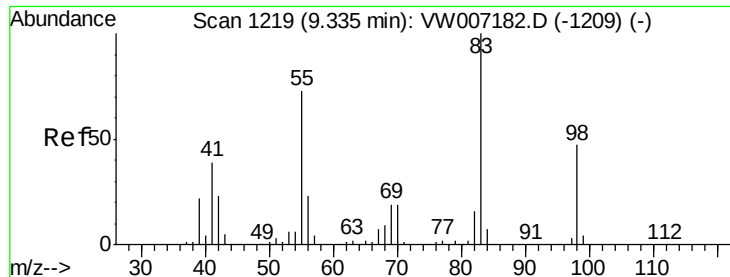
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#38
 Carbon Tetrachloride
 Concen: 43.495 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	74.1	111.1
121	30.7	23.9	35.9





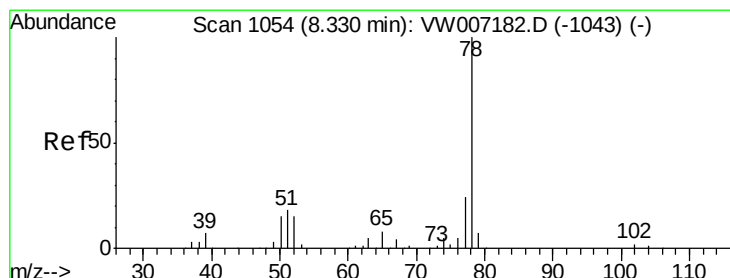
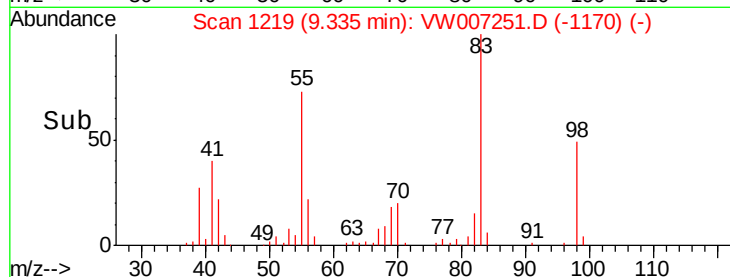
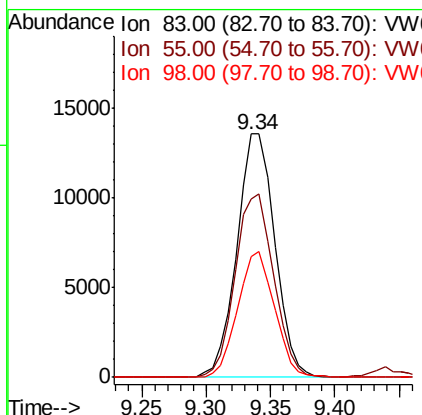
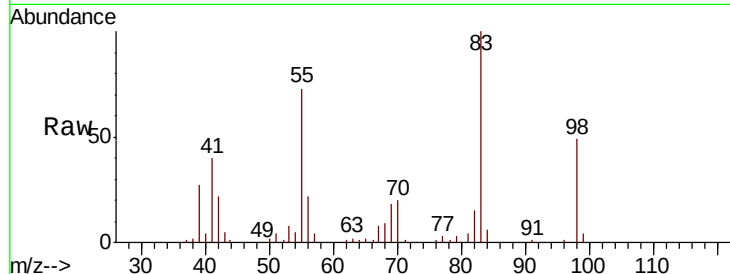
#39
Methylcyclohexane
Concen: 39.828 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.3	58.1	87.1
98	49.5	37.3	55.9

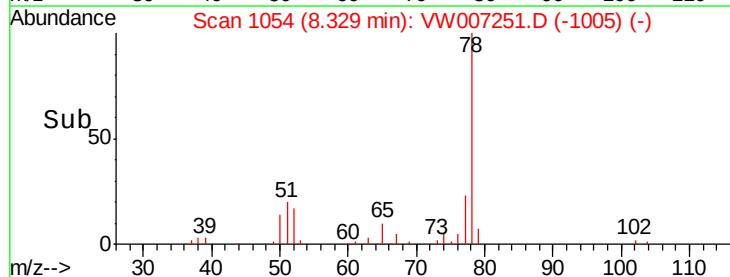
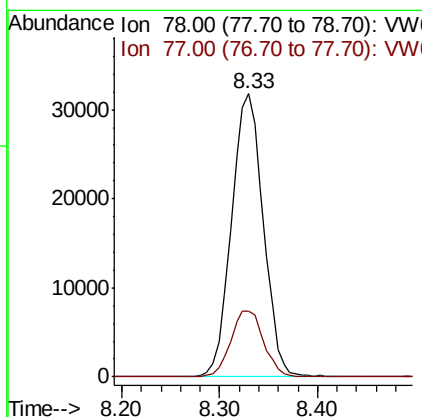
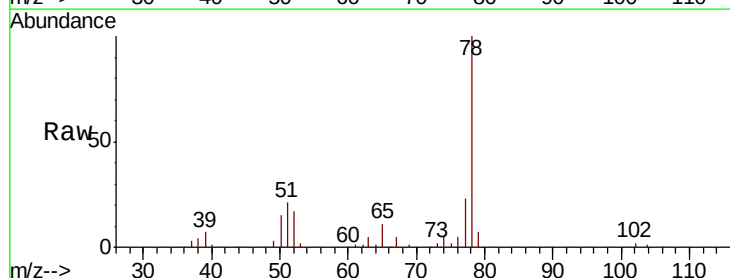
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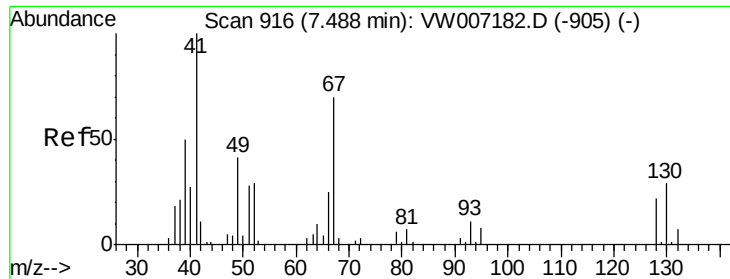
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#40
Benzene
Concen: 50.068 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





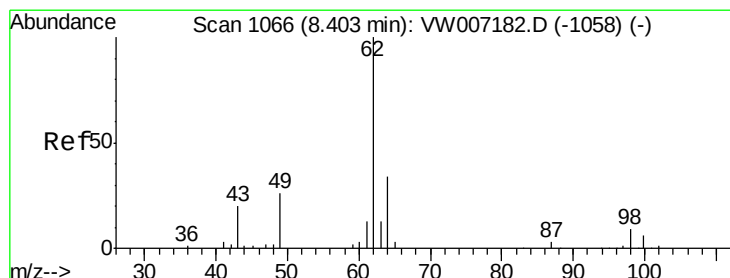
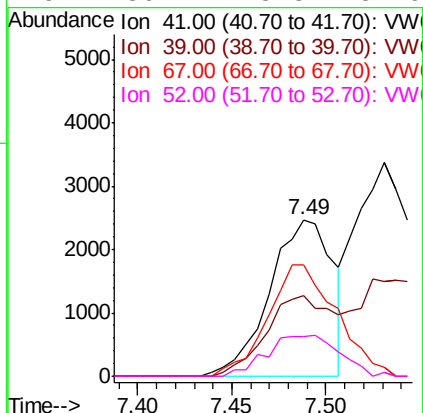
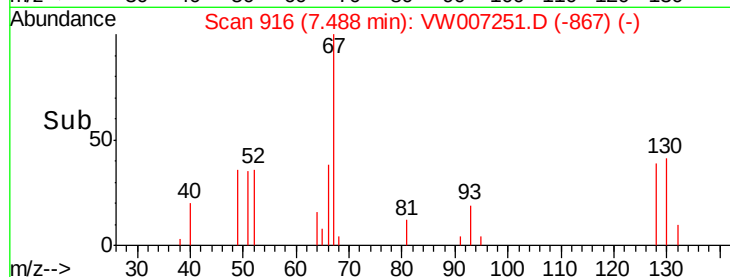
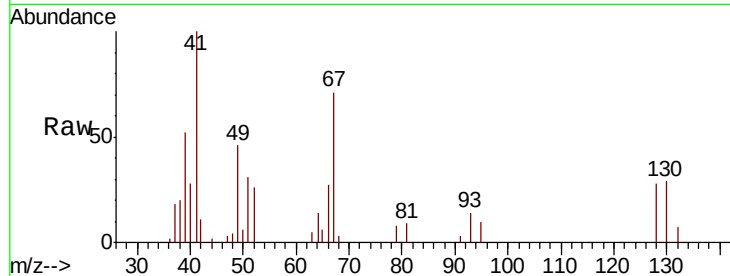
#41
Methacrylonitrile
Concen: 50.988 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion:	41	Resp:	5759
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.4	65.0
67	77.1	57.4	86.0
52	30.2	23.3	34.9

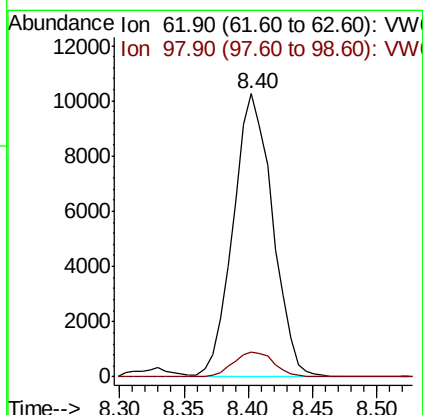
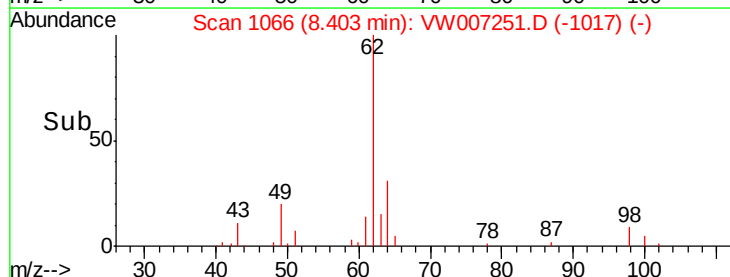
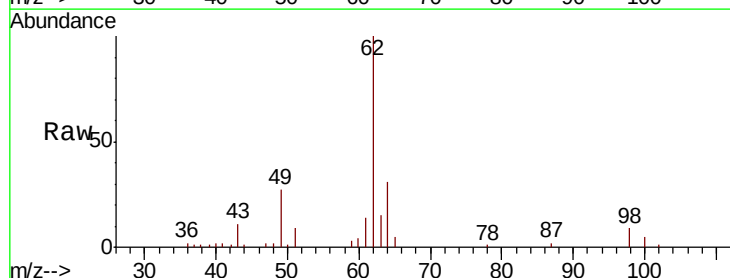
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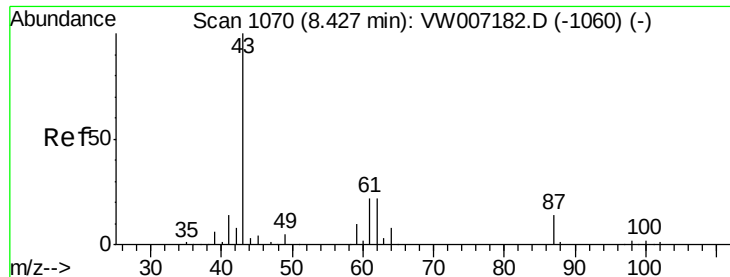
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#42
1,2-Dichloroethane
Concen: 54.635 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion:	62	Resp:	21827
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8





#43

Isopropyl Acetate

Concen: 45.042 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

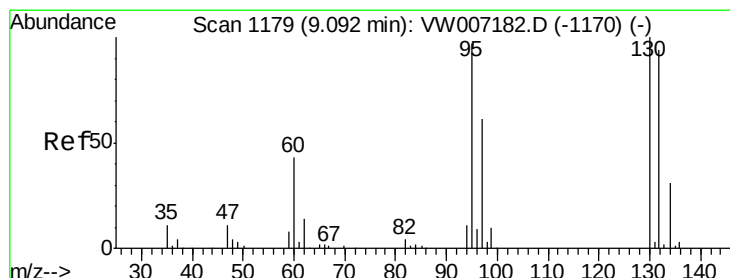
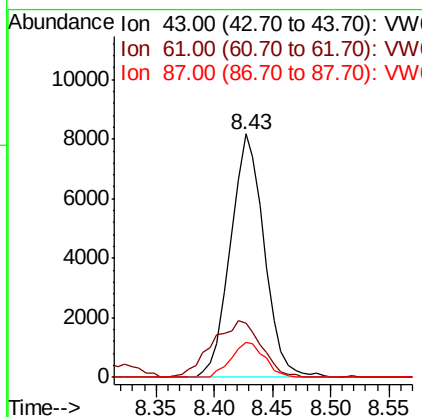
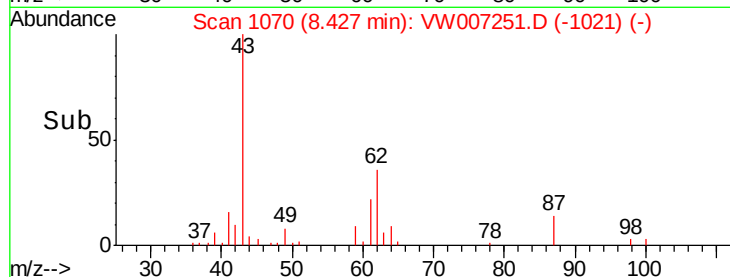
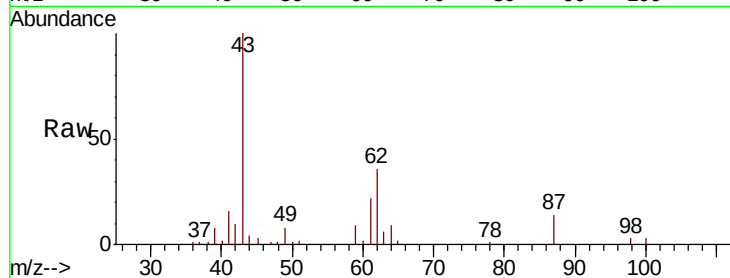
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	43	Resp:	16496
Ion	Ratio	Lower	Upper
43	100		
61	33.4	25.4	38.0
87	14.2	11.4	17.0

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#44

Trichloroethene

Concen: 49.174 ug/l

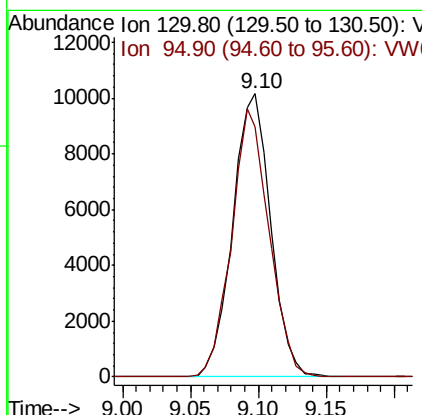
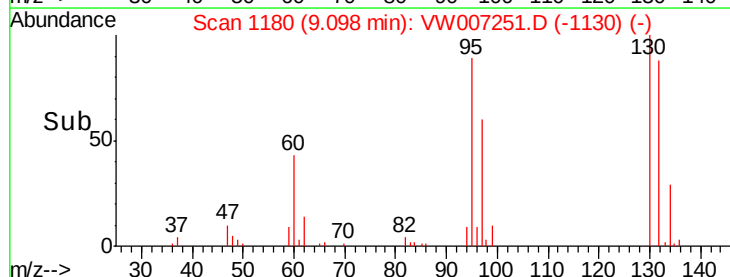
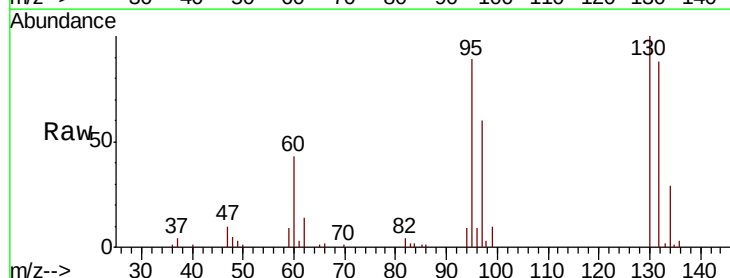
RT: 9.10 min Scan# 1180

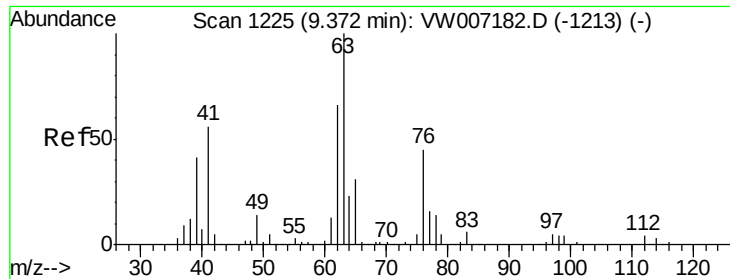
Delta R.T. 0.01 min

Lab File: VW007251.D

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Tgt Ion:	130	Resp:	19759
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	194.0





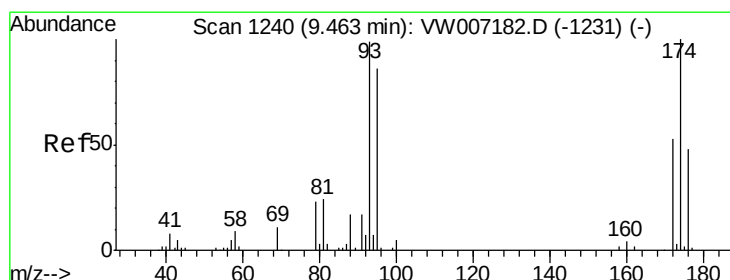
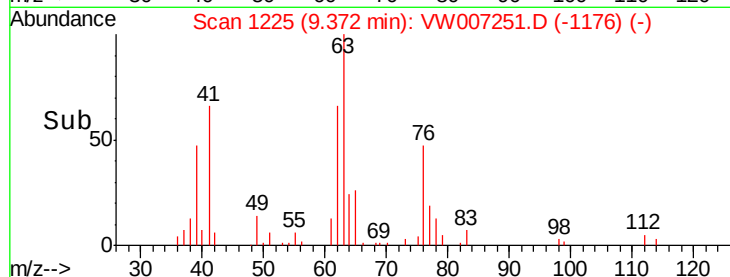
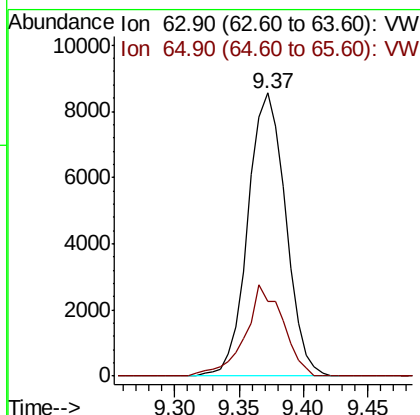
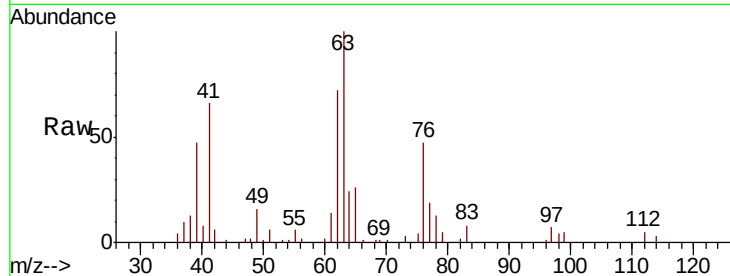
#45
 1,2-Dichloropropane
 Concen: 52.124 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion: 63 Resp: 17339
 Ion Ratio Lower Upper
 63 100
 65 26.4 25.0 37.4

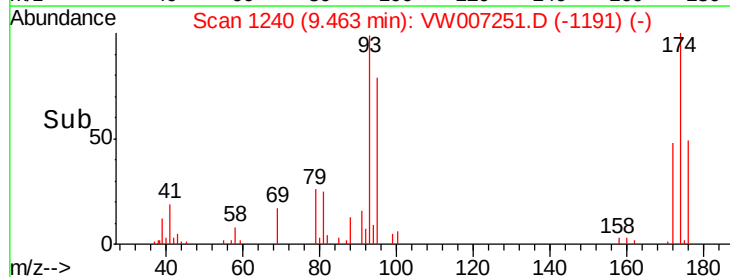
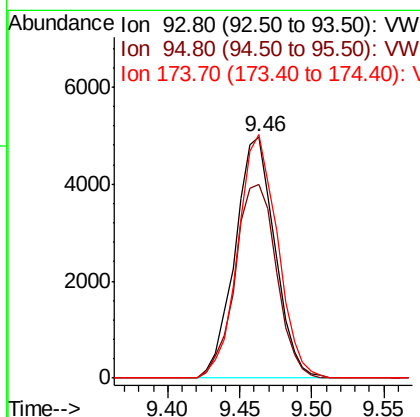
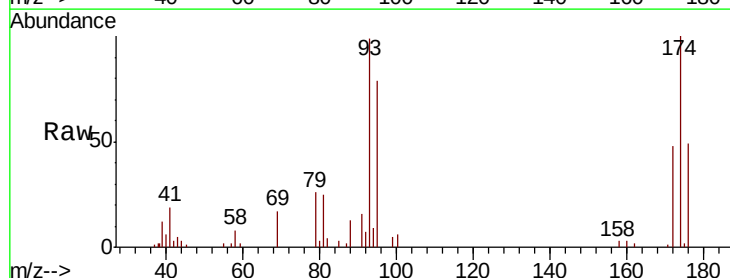
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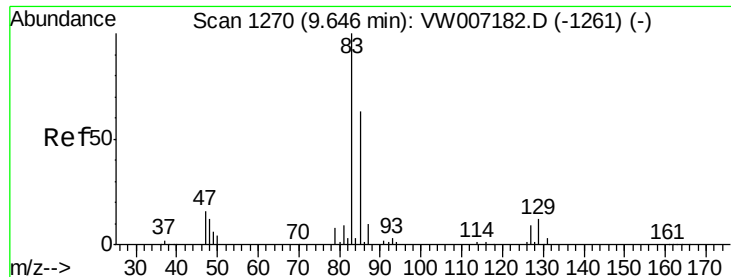
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#46
 Dibromomethane
 Concen: 55.387 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion: 93 Resp: 9574
 Ion Ratio Lower Upper
 93 100
 95 83.2 68.7 103.1
 174 99.7 82.9 124.3





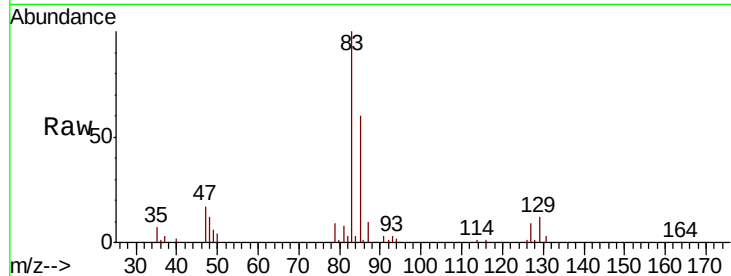
#47
Bromodichloromethane
Concen: 53.754 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

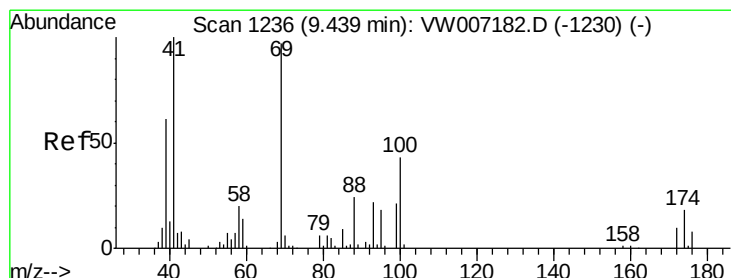
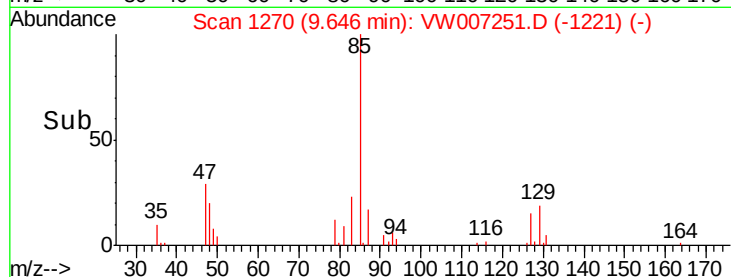
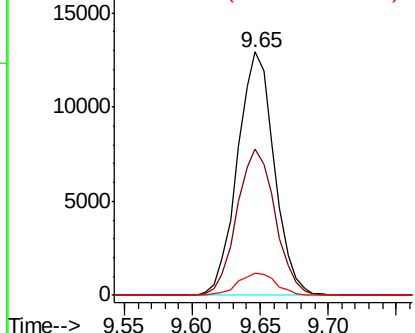
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	24441		
85	60.3	50.6	76.0	
127	9.3	7.3	10.9	

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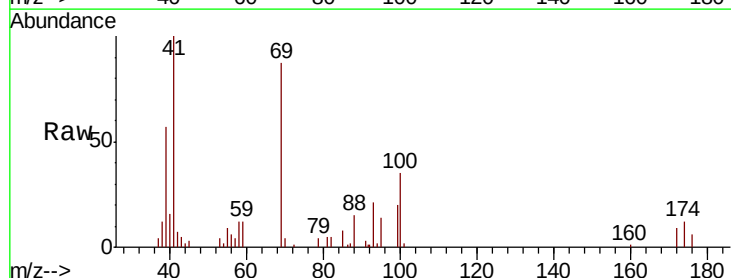


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

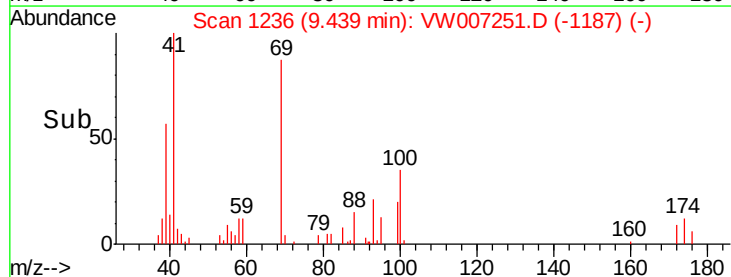
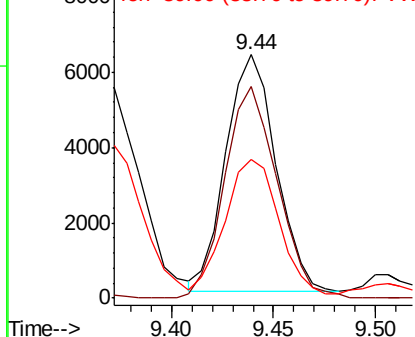


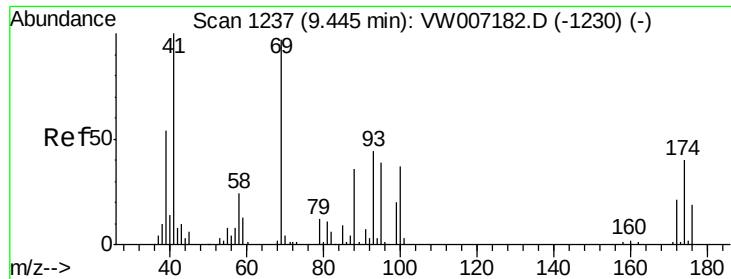
#48
Methyl methacrylate
Concen: 56.350 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	10711		
69	93.9	69.6	104.4	
39	65.1	42.4	63.6#	



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





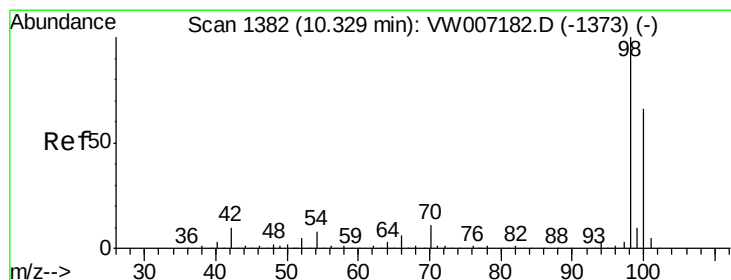
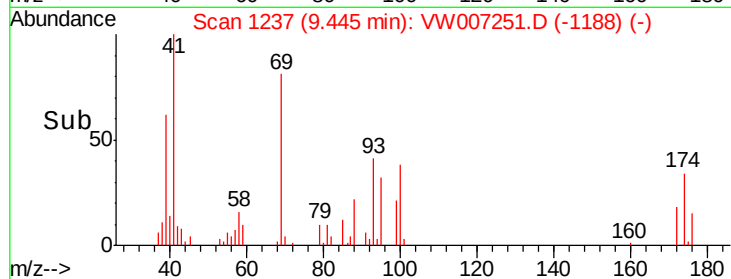
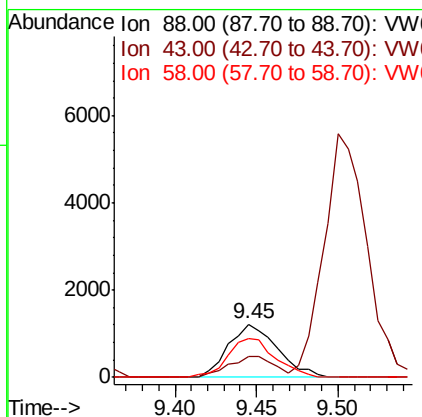
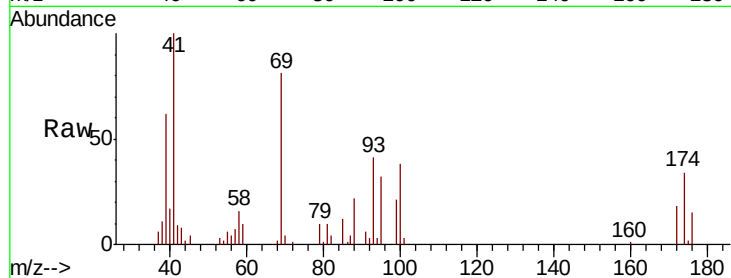
#49
1,4-Dioxane
Concen: 838.521 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.2	25.8	38.8
58	70.9	58.9	88.3

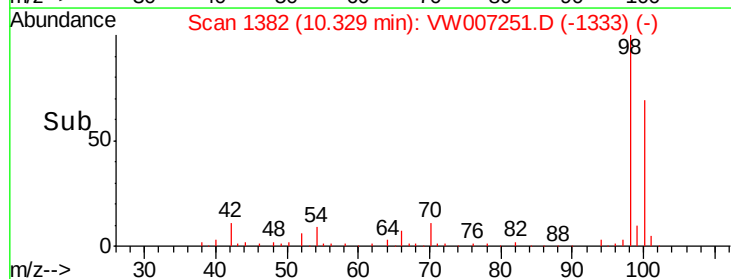
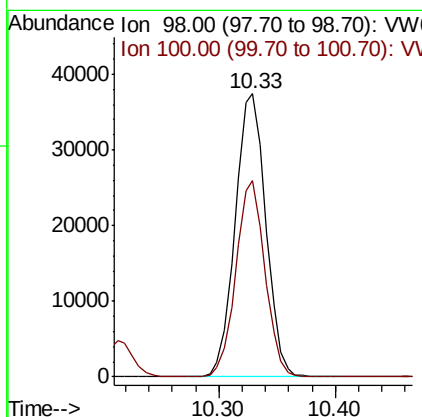
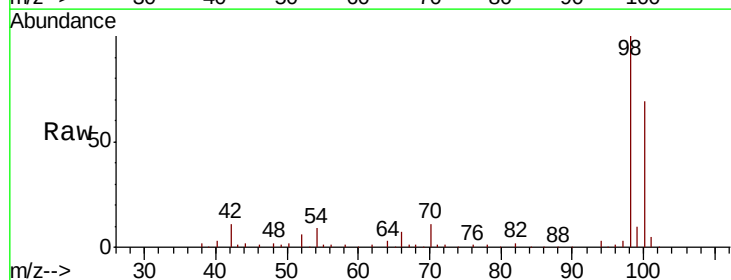
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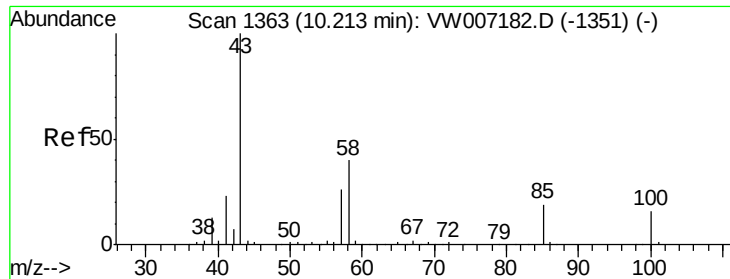
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#50
Toluene-d8
Concen: 50.848 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.7	79.1





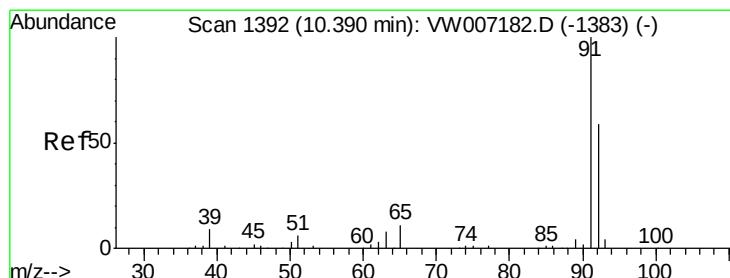
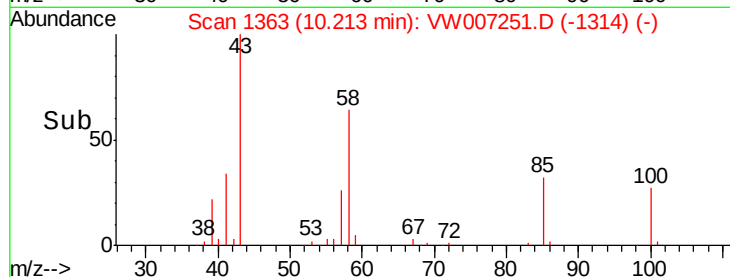
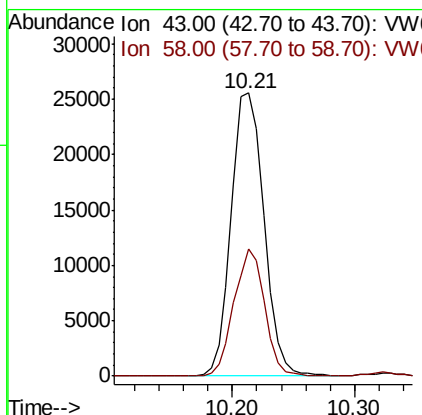
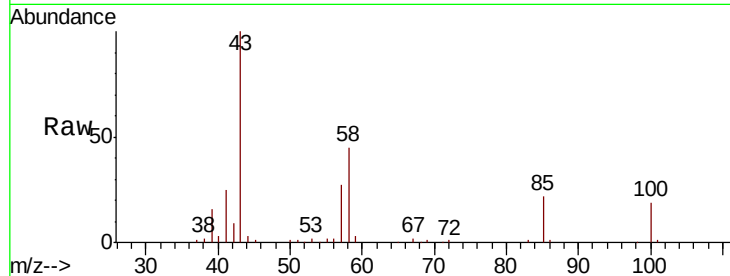
#51
4-Methyl-2-Pentanone
Concen: 263.443 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion: 43 Resp: 47547
Ion Ratio Lower Upper
43 100
58 41.7 32.3 48.5

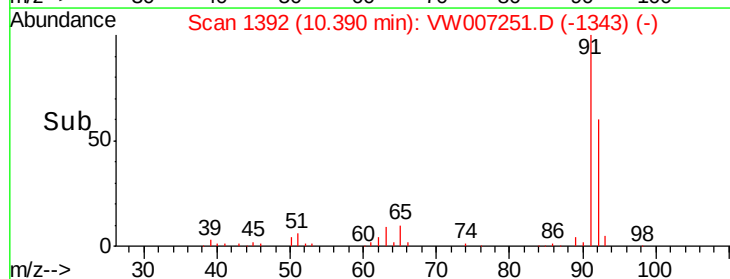
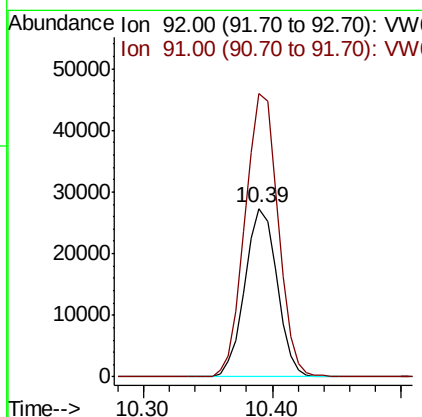
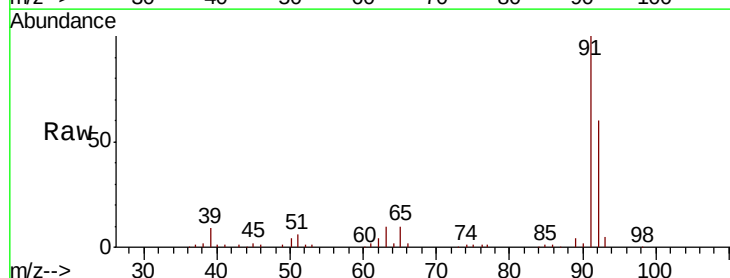
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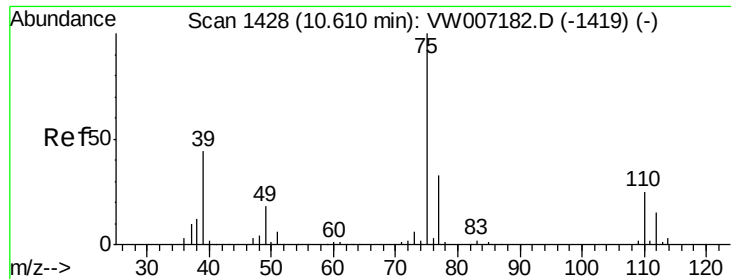
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#52
Toluene
Concen: 47.456 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion: 92 Resp: 47189
Ion Ratio Lower Upper
92 100
91 172.9 136.0 204.0





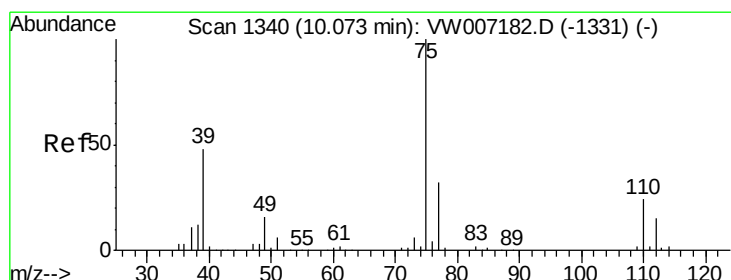
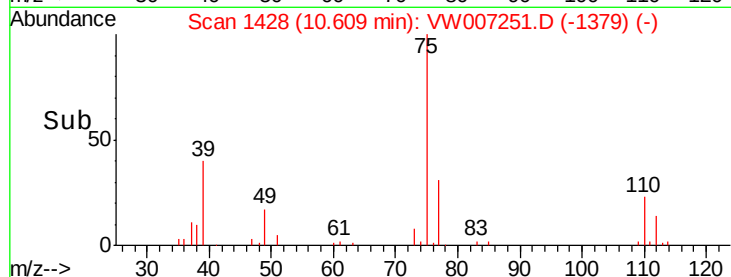
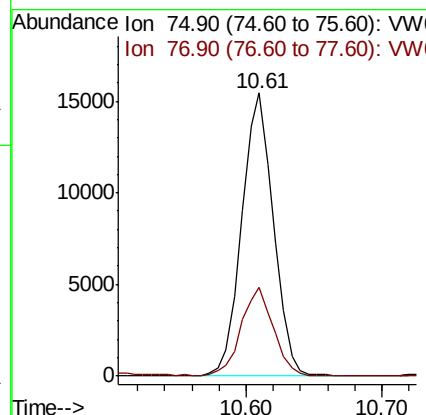
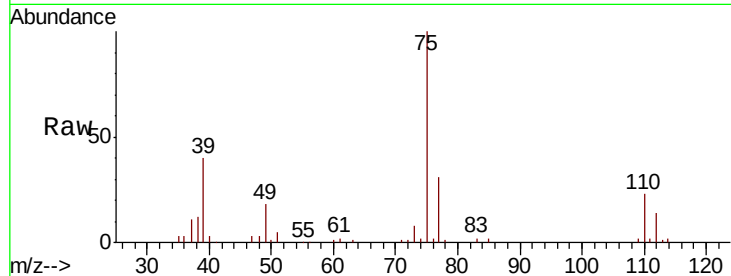
#53
 t-1,3-Dichloropropene
 Concen: 54.877 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion: 75 Resp: 25086
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.2 39.2

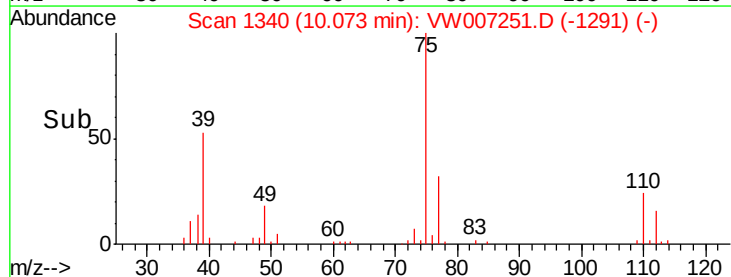
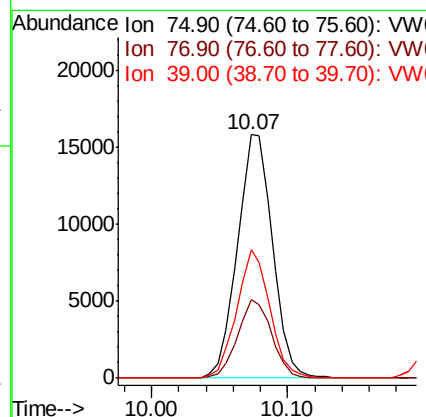
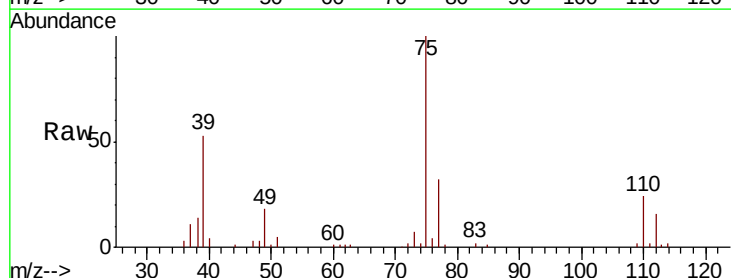
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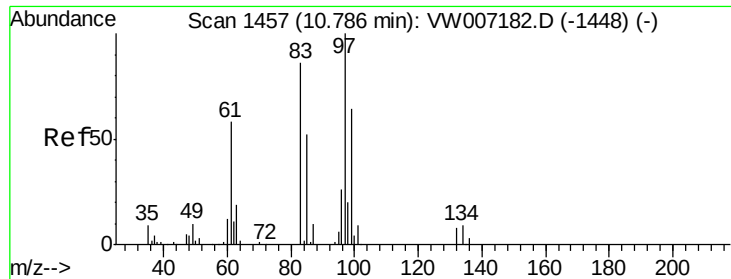
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#54
 cis-1,3-Dichloropropene
 Concen: 53.147 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion: 75 Resp: 28472
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.0 39.0
 39 52.9 38.0 57.0





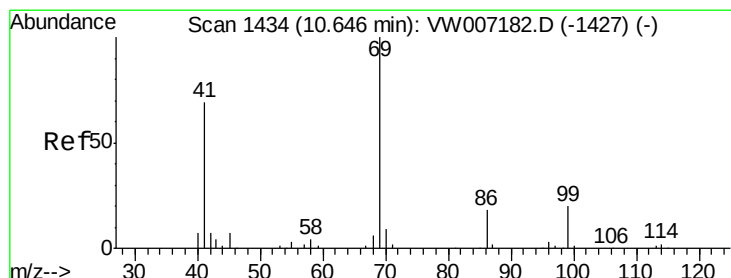
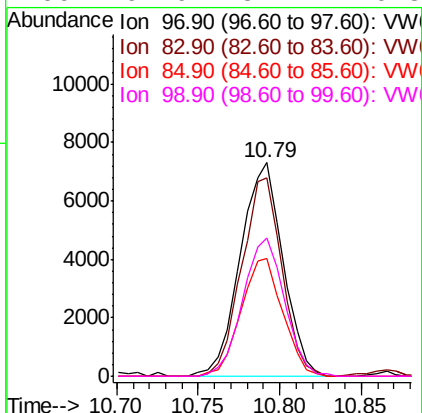
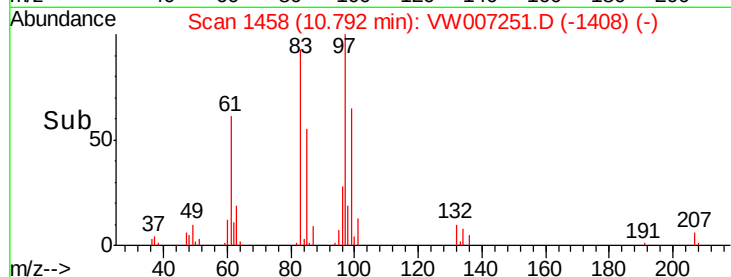
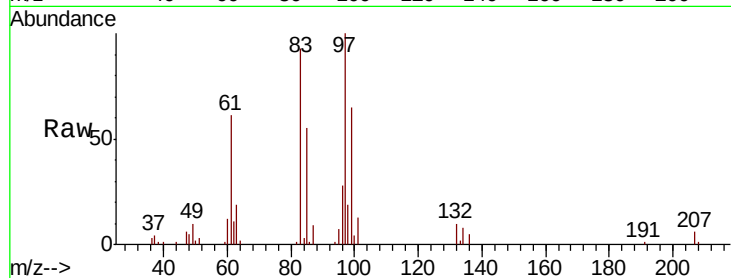
#55
 1,1,2-Trichloroethane
 Concen: 54.235 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion:	97	Resp:	13335
Ion	Ratio	Lower	Upper
97	100		
83	92.9	68.6	102.8
85	55.0	41.4	62.2
99	64.6	51.2	76.8

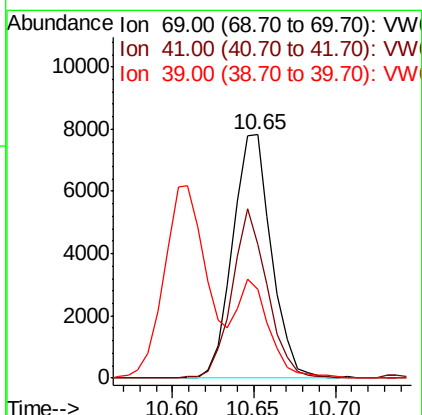
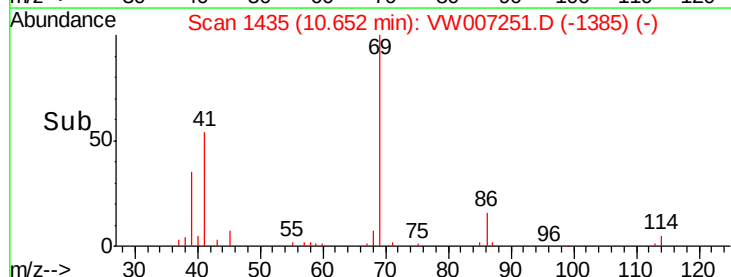
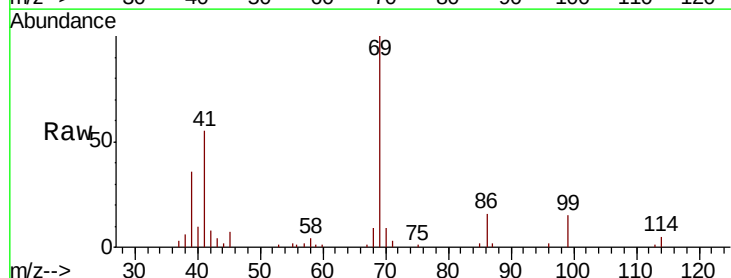
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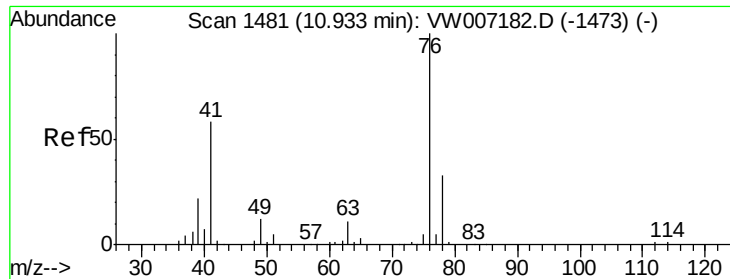
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#56
 Ethyl methacrylate
 Concen: 40.215 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion:	69	Resp:	12898
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.8	77.6
39	33.7	28.7	43.1





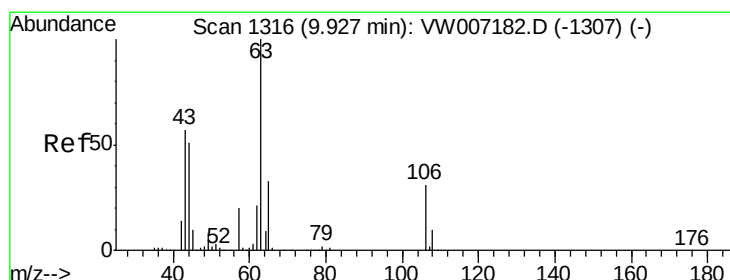
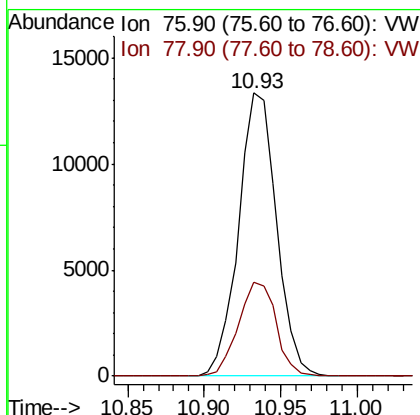
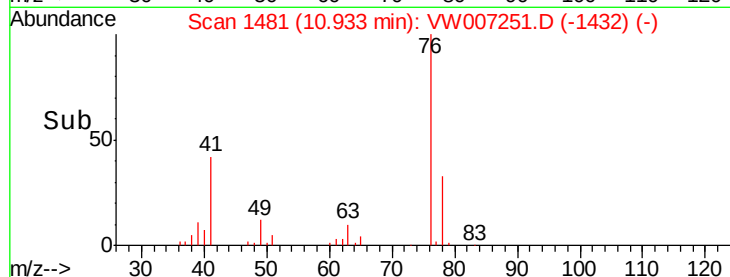
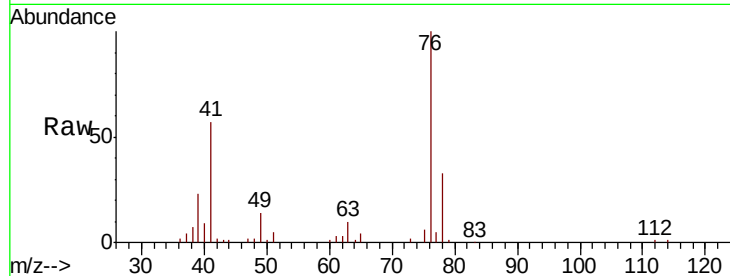
#57
 1,3-Dichloropropane
 Concen: 55.388 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion: 76 Resp: 22992
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.6 40.0

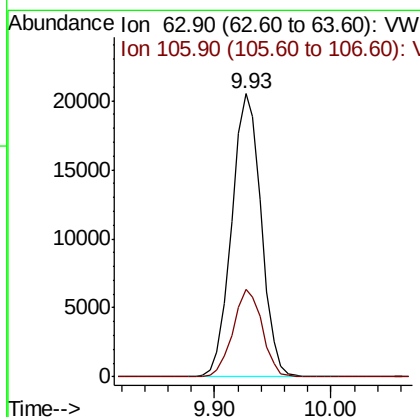
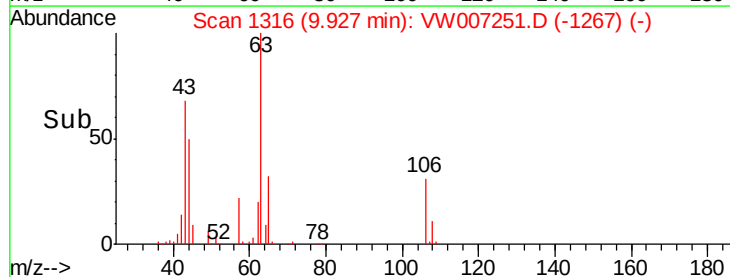
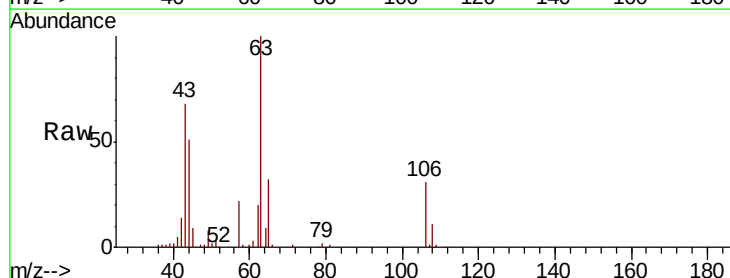
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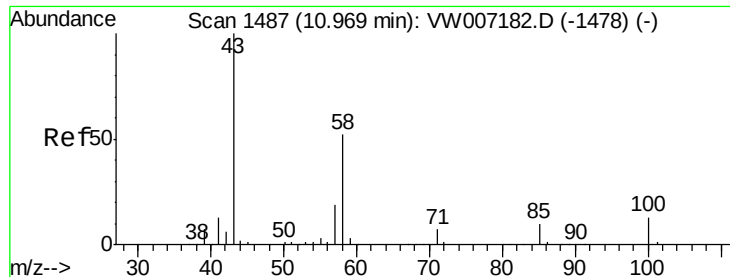
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#58
 2-Chloroethyl Vinyl ether
 Concen: 280.996 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion: 63 Resp: 36199
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.1 36.1





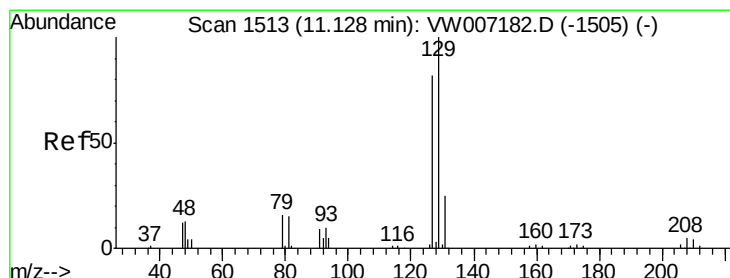
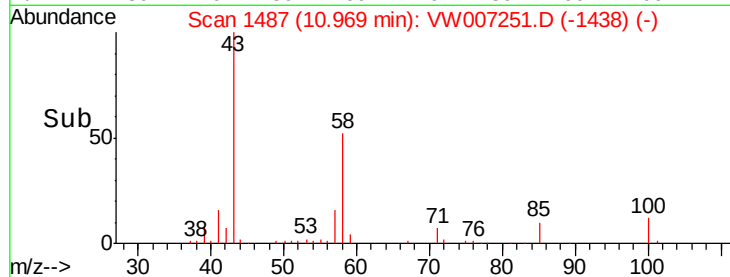
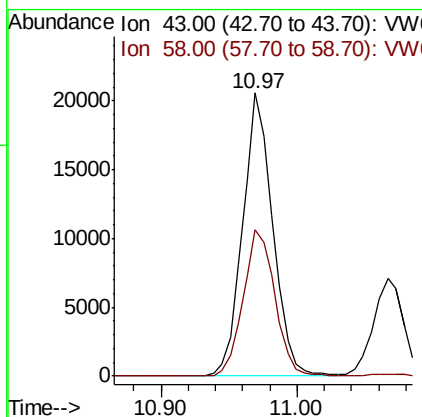
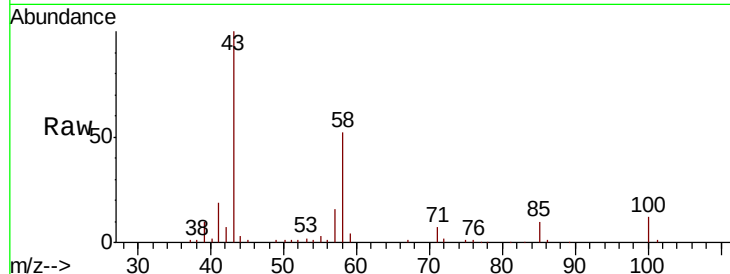
#59
2-Hexanone
Concen: 243.268 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion: 43 Resp: 31828
Ion Ratio Lower Upper
43 100
58 54.6 28.1 84.4

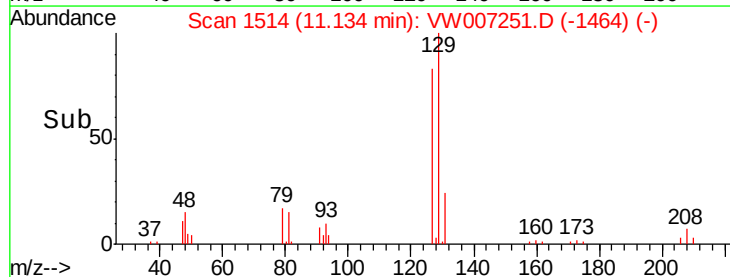
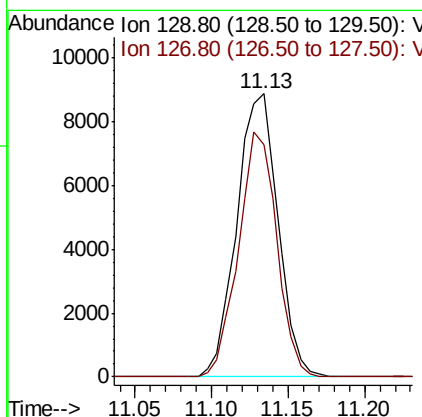
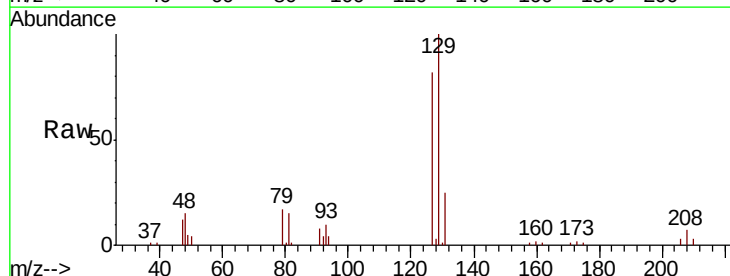
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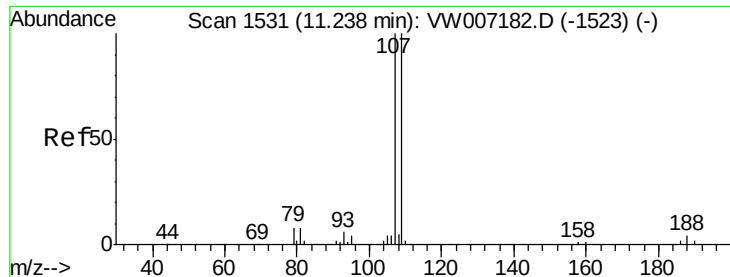
apatel
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#60
Dibromochloromethane
Concen: 55.045 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion: 129 Resp: 16634
Ion Ratio Lower Upper
129 100
127 80.3 39.8 119.4





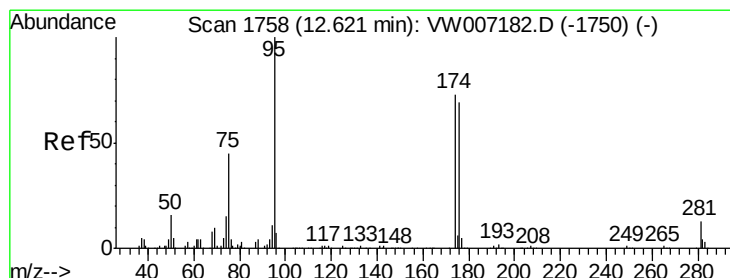
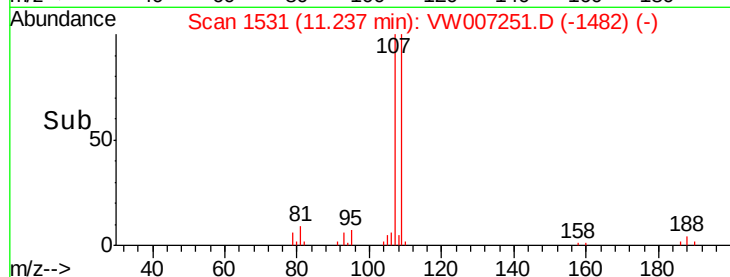
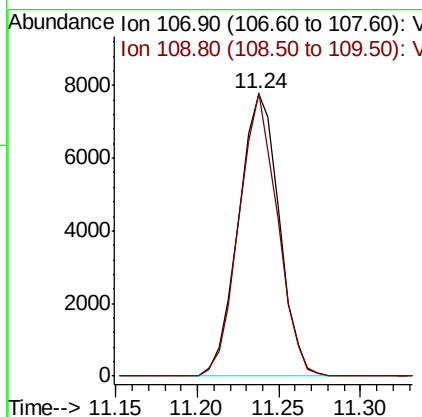
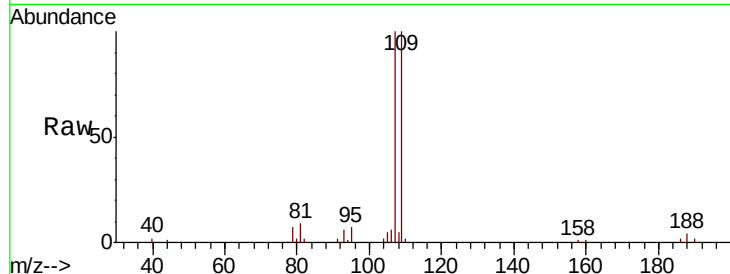
#61
 1,2-Dibromoethane
 Concen: 56.949 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.5	77.3	115.9

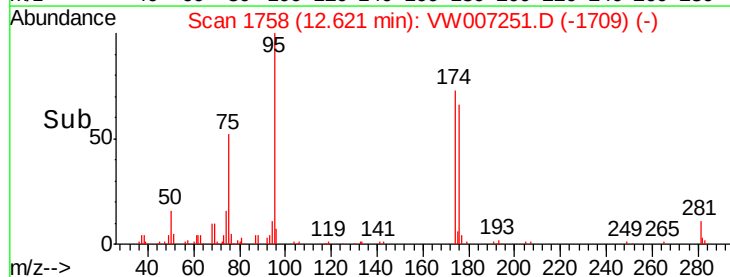
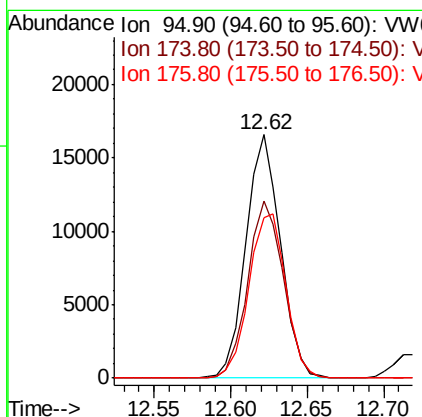
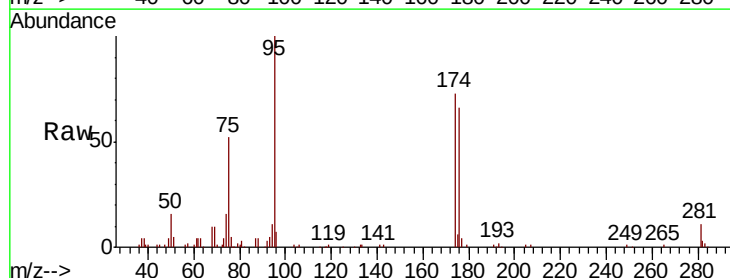
Manual Integrations
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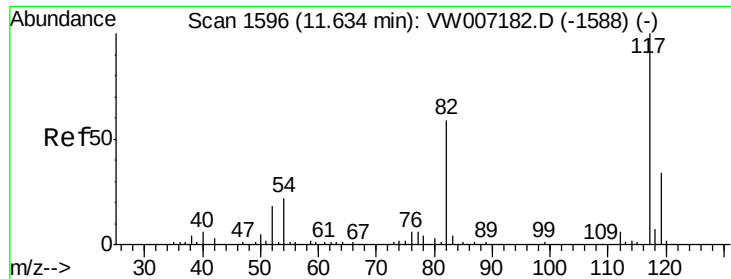
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.973 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	148.0
176	72.5	0.0	139.4





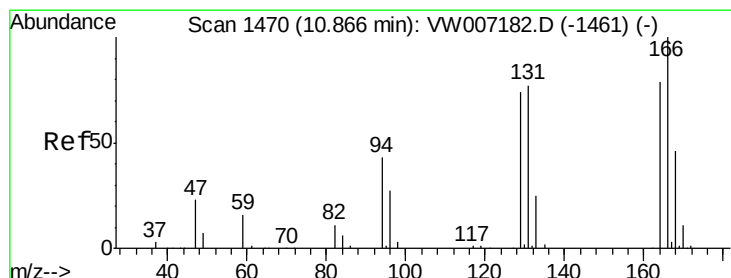
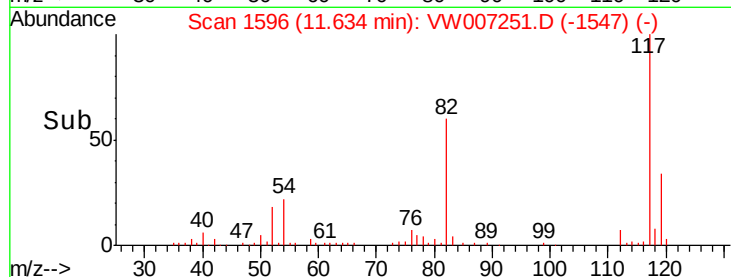
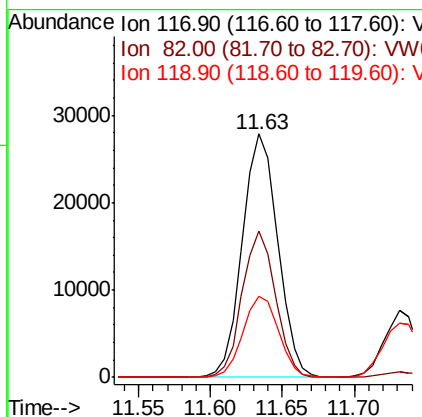
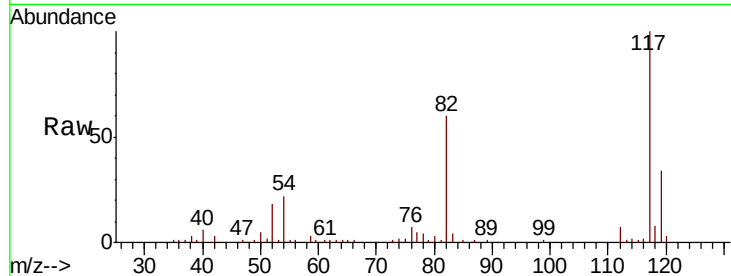
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.4	71.2
119	33.5	26.8	40.2

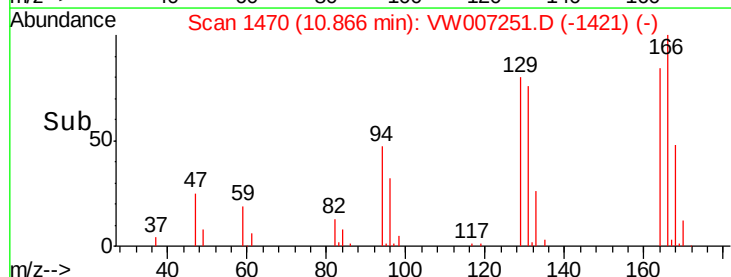
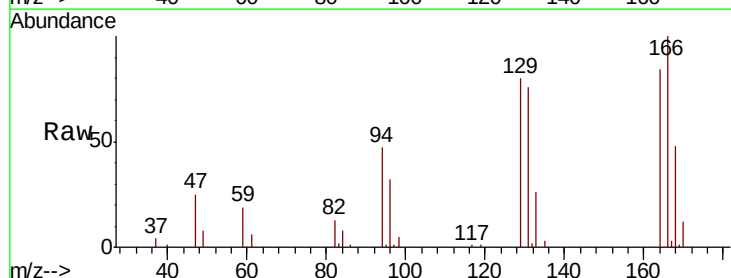
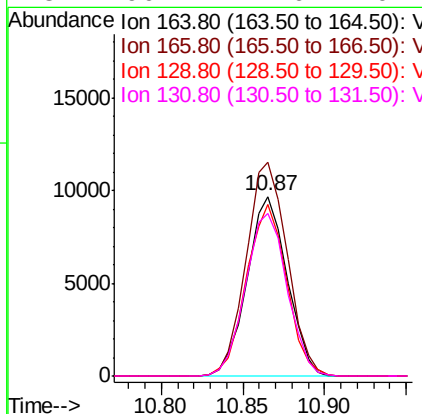
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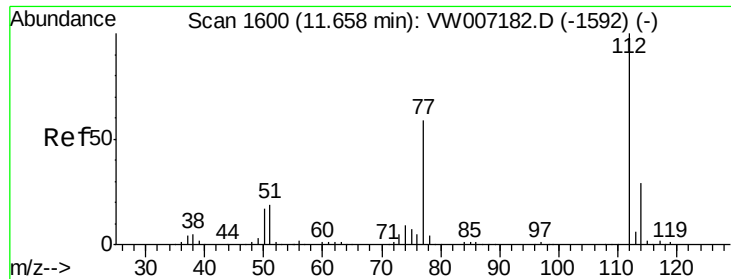
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#64
Tetrachloroethene
Concen: 47.575 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.0	101.0	151.4
129	95.3	74.6	111.8
131	90.7	77.6	116.4





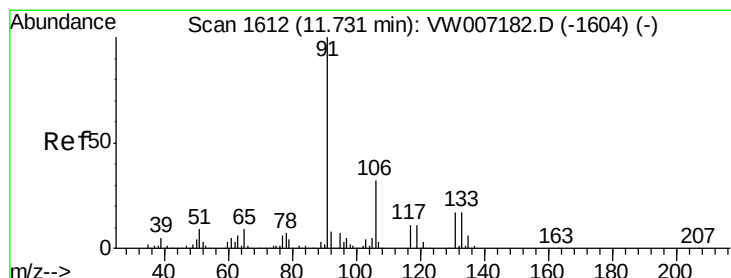
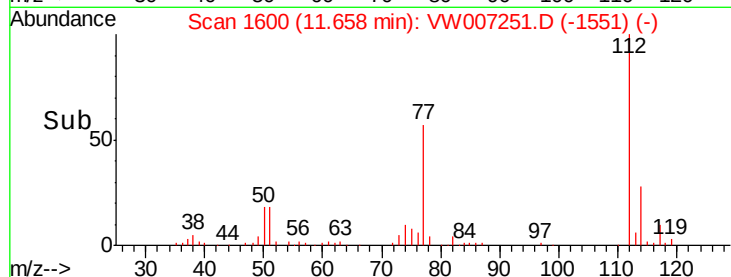
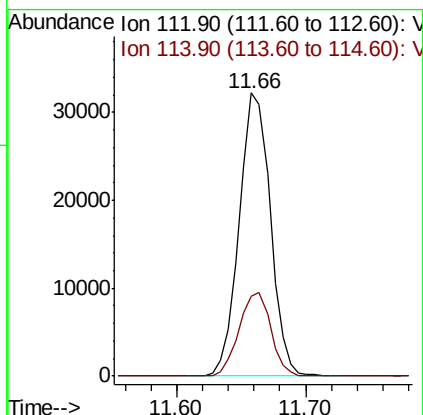
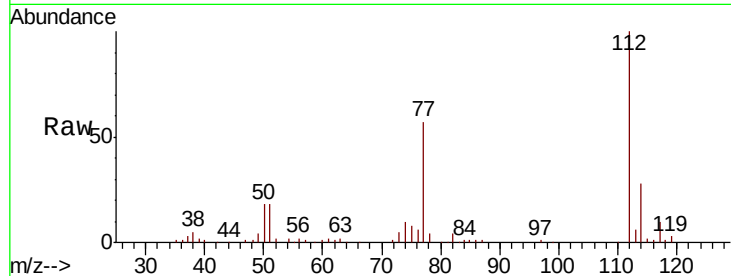
#65
Chlorobenzene
Concen: 50.696 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion:112 Resp: 53910
Ion Ratio Lower Upper
112 100
114 28.2 23.0 34.4

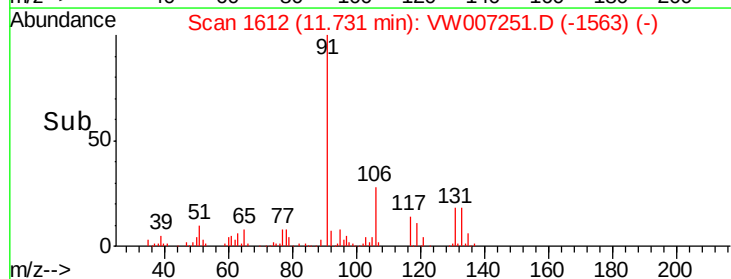
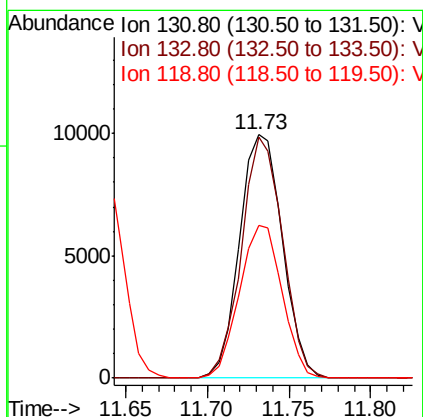
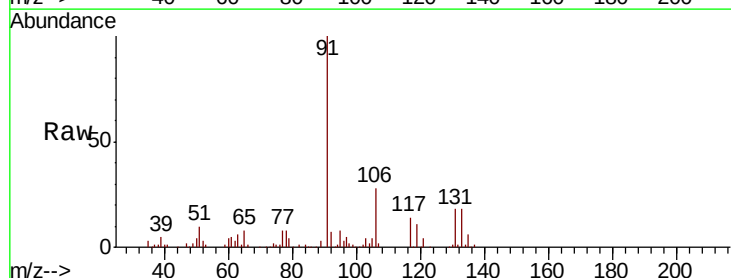
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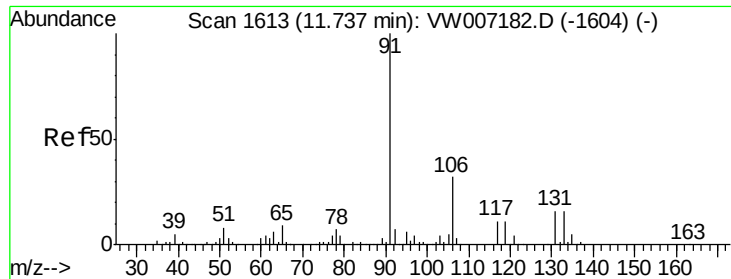
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.320 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion:131 Resp: 18168
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 62.6 32.8 98.4





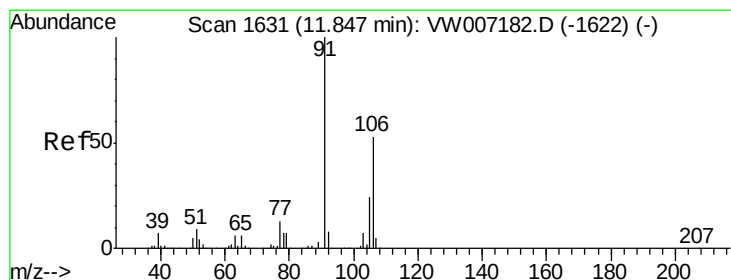
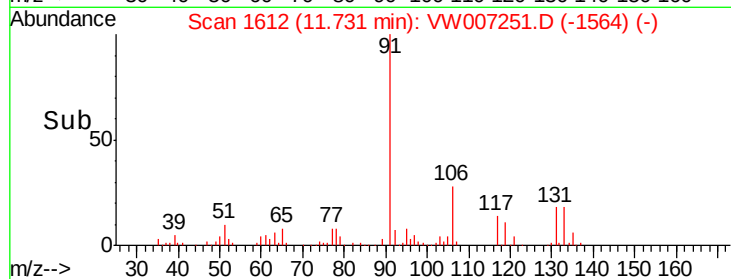
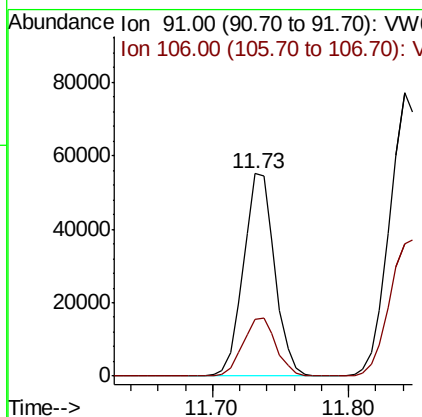
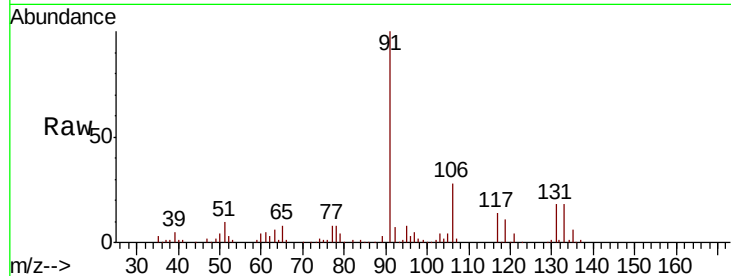
#67
Ethyl Benzene
Concen: 45.693 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion: 91 Resp: 88560
Ion Ratio Lower Upper
91 100
106 28.2 26.0 39.0

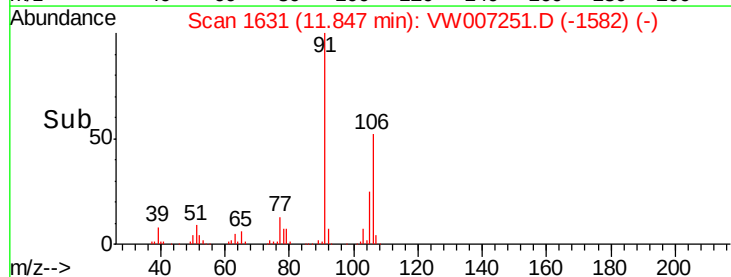
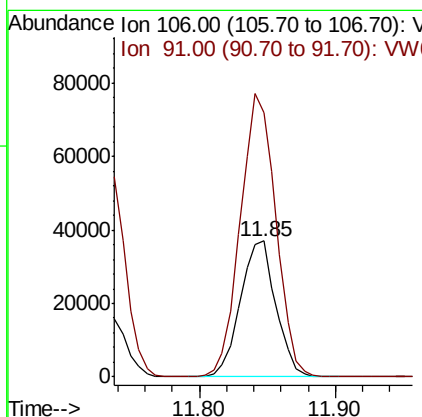
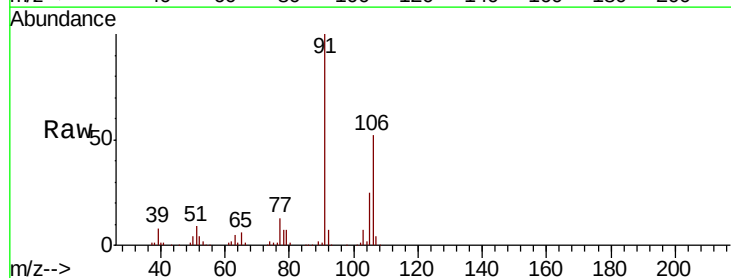
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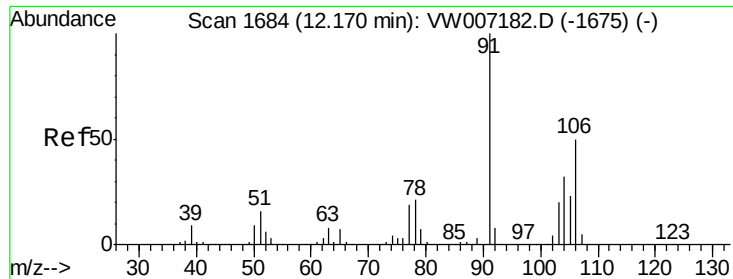
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#68
m/p-Xylenes
Concen: 88.894 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion: 106 Resp: 67590
Ion Ratio Lower Upper
106 100
91 208.6 160.2 240.4





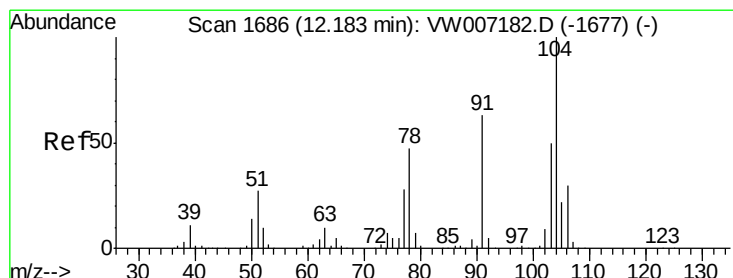
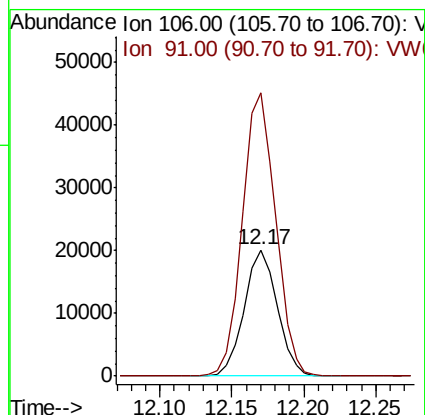
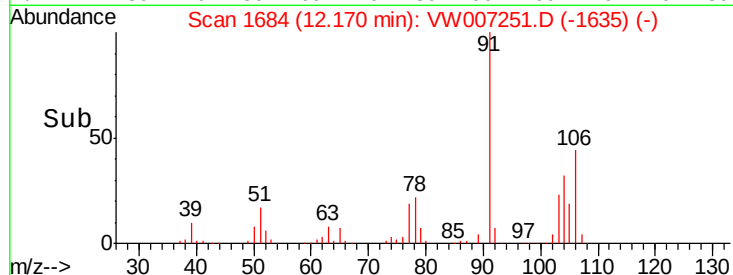
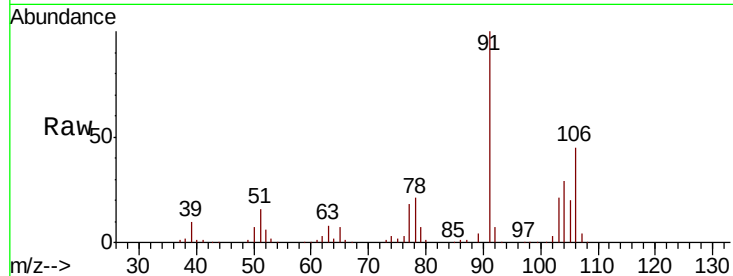
#69
o-Xylene
Concen: 45.140 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion:106 Resp: 32067
Ion Ratio Lower Upper
106 100
91 225.7 104.9 314.7

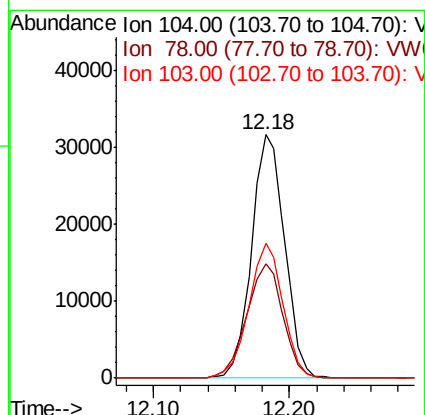
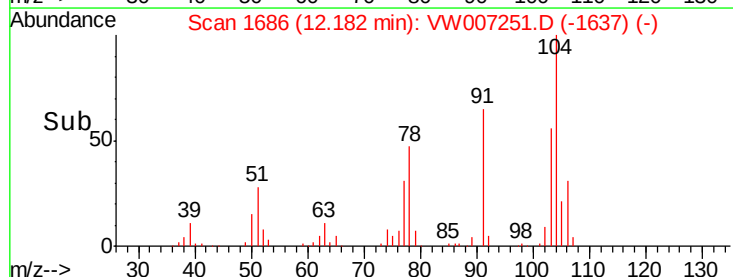
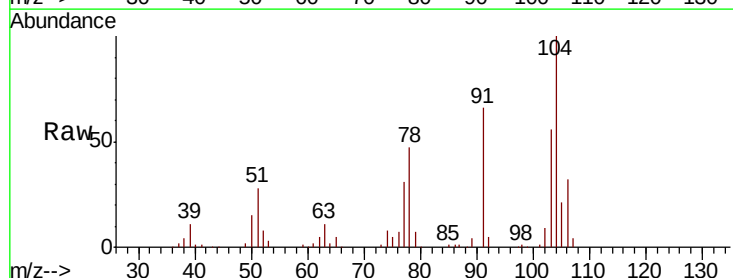
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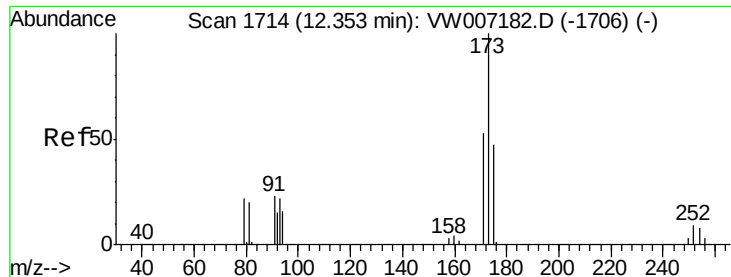
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#70
Styrene
Concen: 46.278 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion:104 Resp: 53815
Ion Ratio Lower Upper
104 100
78 51.5 40.6 60.8
103 57.3 43.0 64.4





#71

Bromoform

Concen: 57.371 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

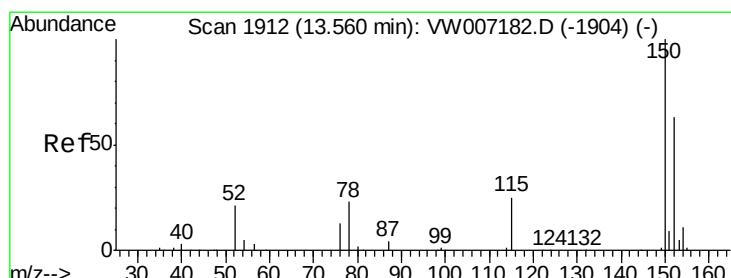
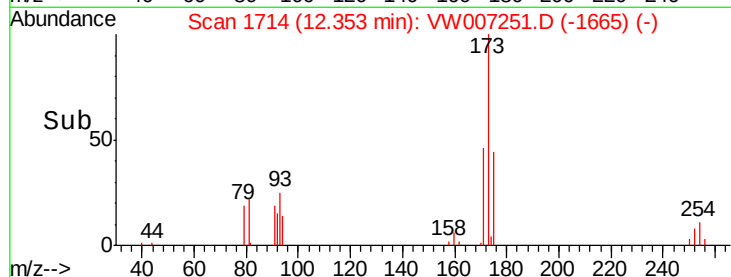
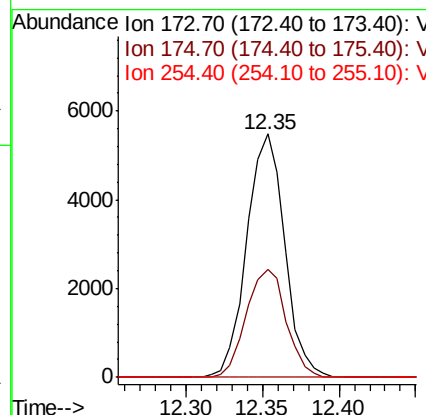
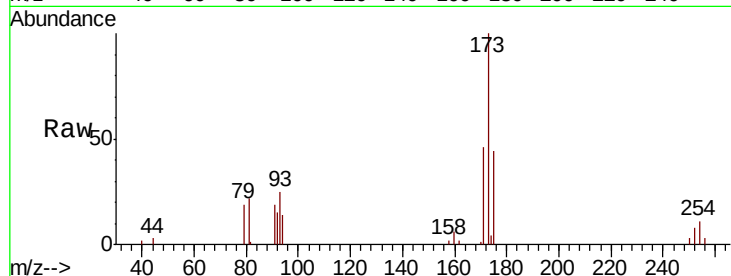
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	173	Resp:	9432
Ion Ratio	Lower	Upper	
173	100		
175	46.5	24.0	72.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

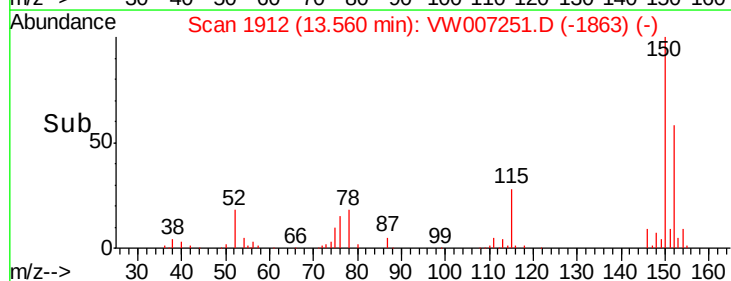
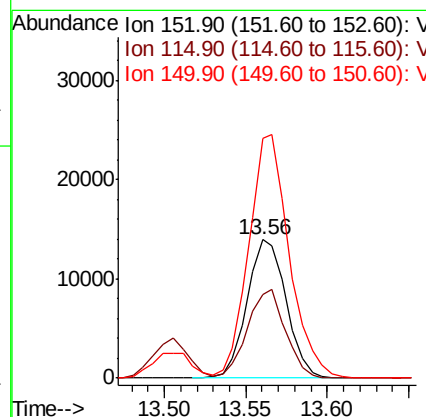
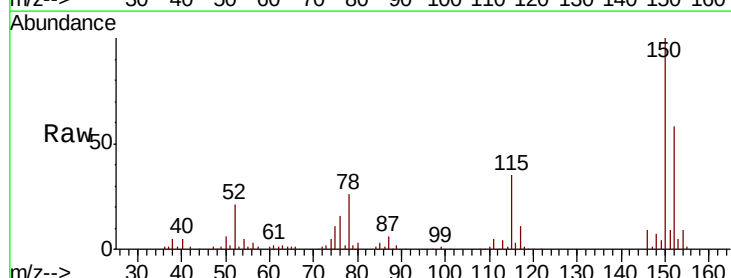
RT: 13.56 min Scan# 1912

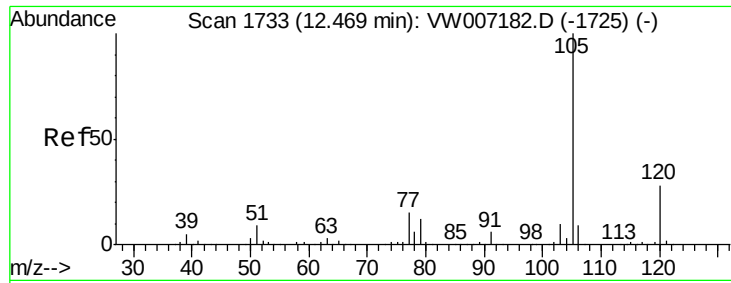
Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Tgt Ion:	152	Resp:	23159
Ion Ratio	Lower	Upper	
152	100		
115	62.6	31.3	93.8
150	182.2	0.0	358.0





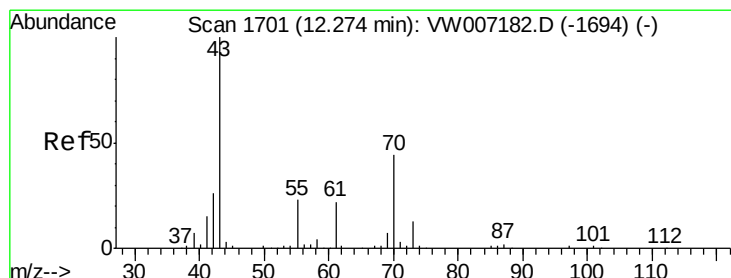
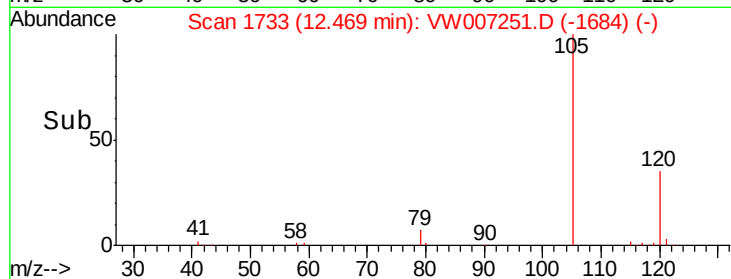
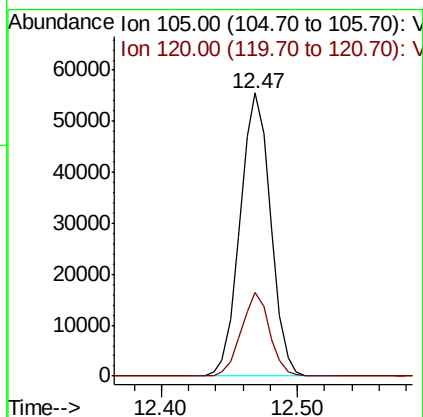
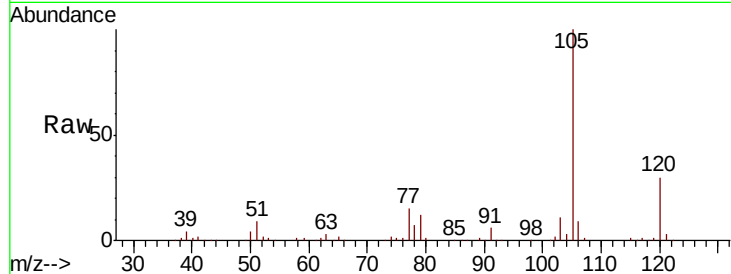
#73
Isopropylbenzene
Concen: 46.236 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion: 105 Resp: 87090
Ion Ratio Lower Upper
105 100
120 27.4 13.2 39.6

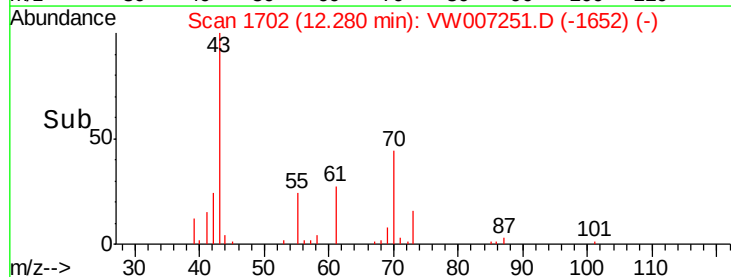
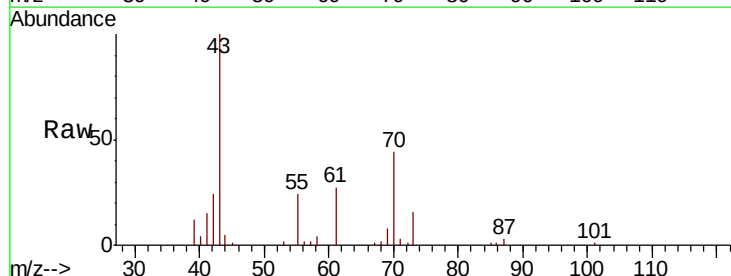
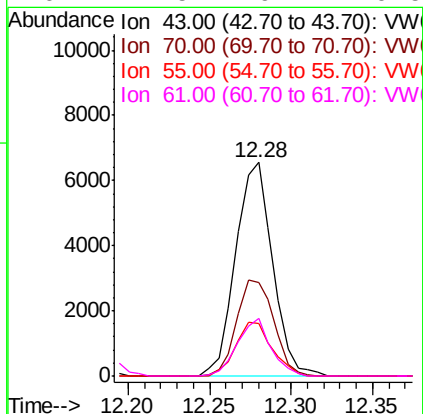
Manual Integrations
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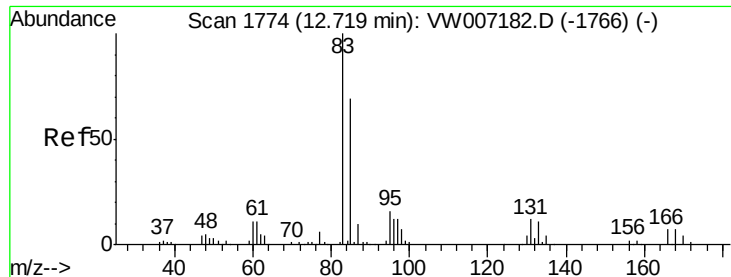
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#74
N-ethyl acetate
Concen: 30.971 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.01 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion: 43 Resp: 10343
Ion Ratio Lower Upper
43 100
70 45.2 34.0 51.0
55 24.7 19.0 28.6
61 24.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 60.018 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

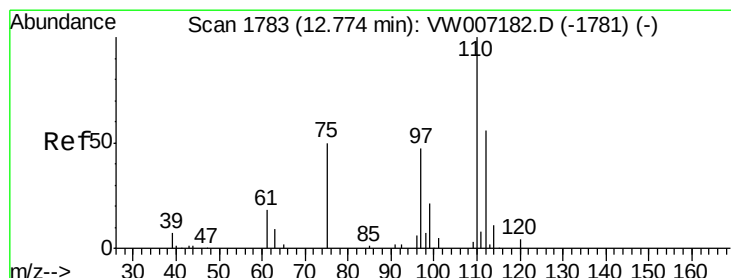
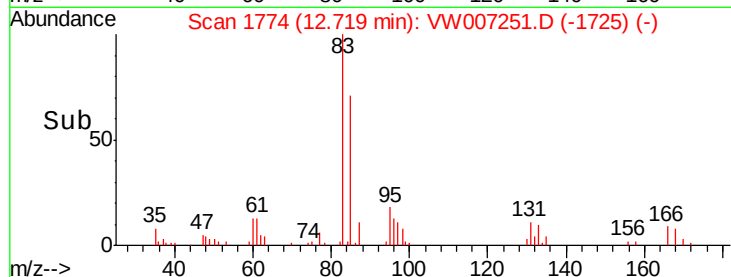
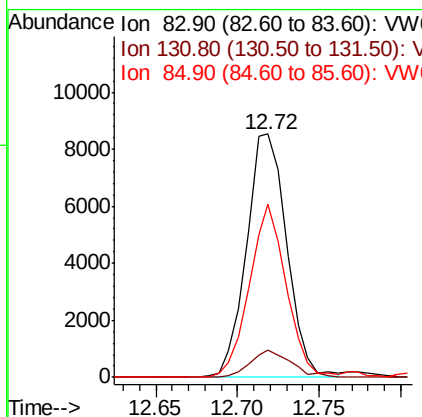
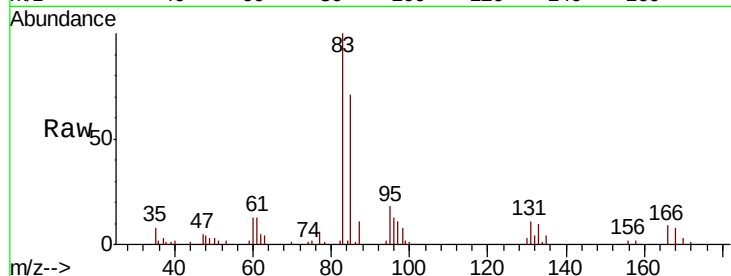
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	83	Resp:	14682
Ion Ratio	Lower	Upper	
83	100		
131	11.3	6.0	18.1
85	65.0	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 66.807 ug/l m

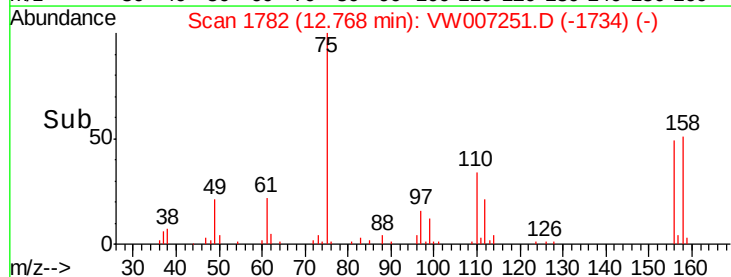
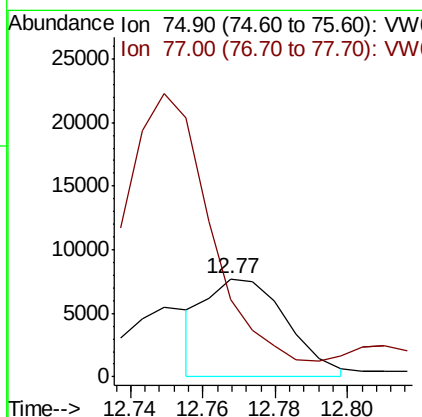
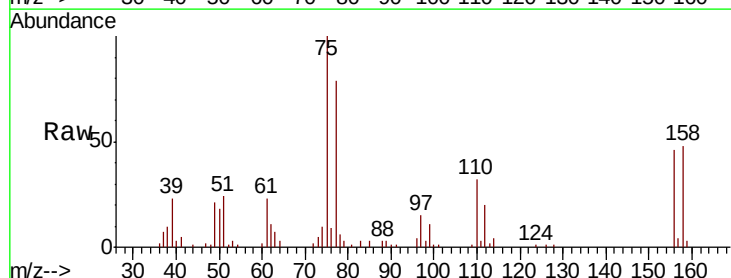
RT: 12.77 min Scan# 1782

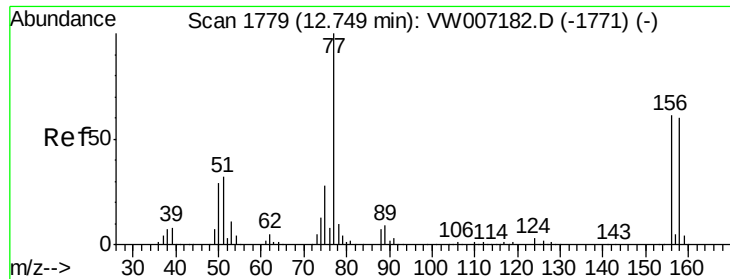
Delta R.T. -0.01 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Tgt Ion:	75	Resp:	11980
Ion Ratio	Lower	Upper	
75	100		
77	333.2	0.0	0.0#





#77

Bromobenzene

Concen: 55.175 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

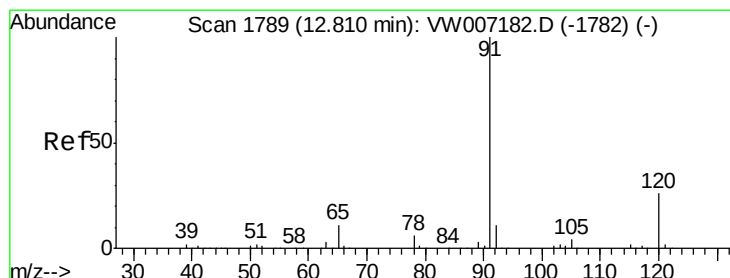
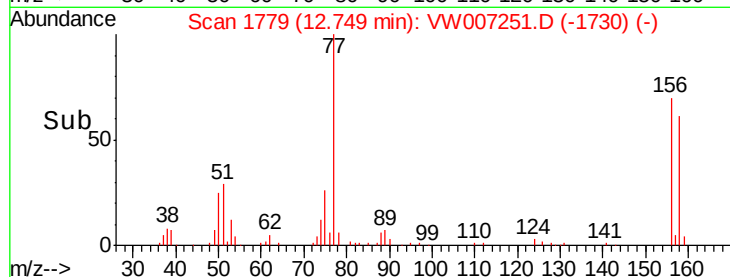
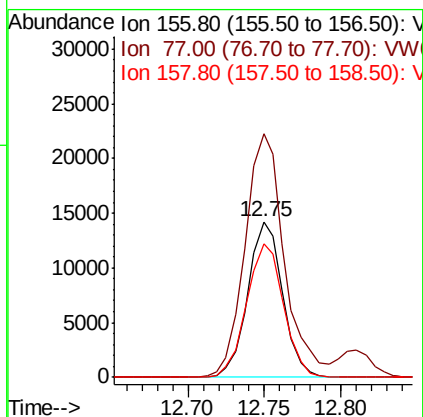
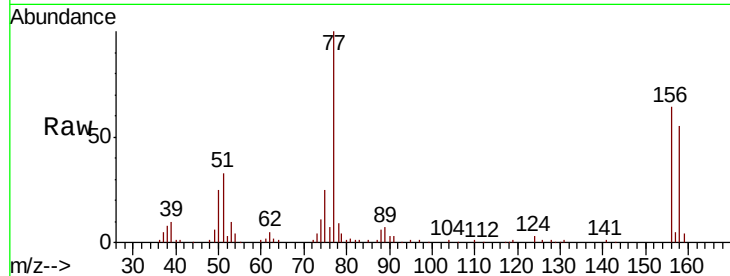
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	156	Resp:	22433
Ion Ratio	Lower	Upper	
156	100		
77	177.9	92.0	276.1
158	91.0	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 43.100 ug/l

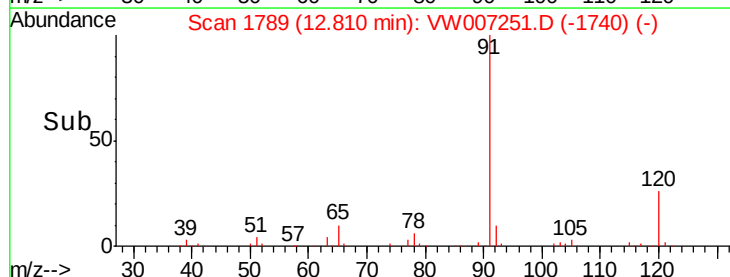
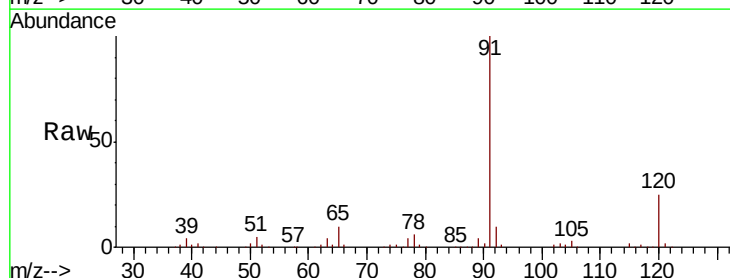
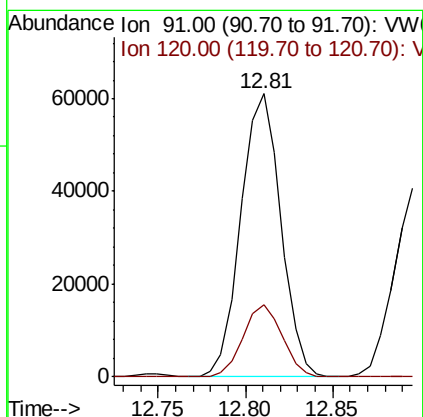
RT: 12.81 min Scan# 1789

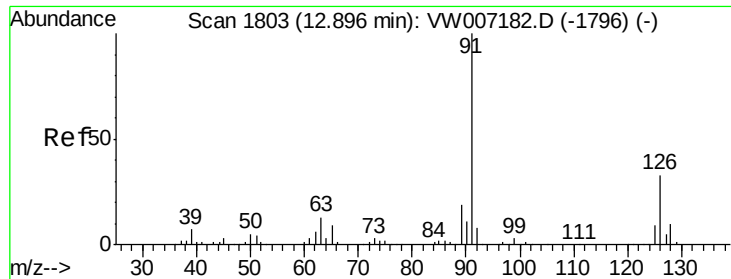
Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Tgt Ion:	91	Resp:	96720
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.5	37.5





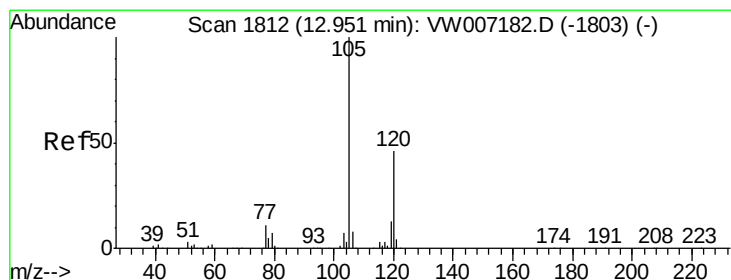
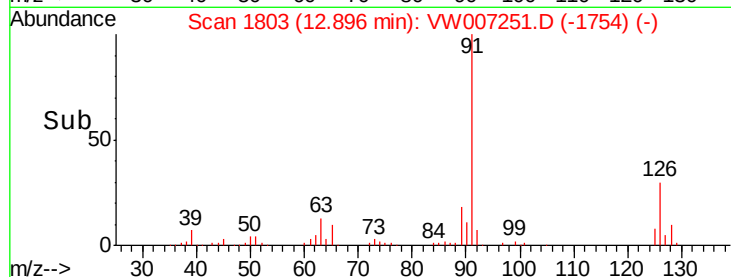
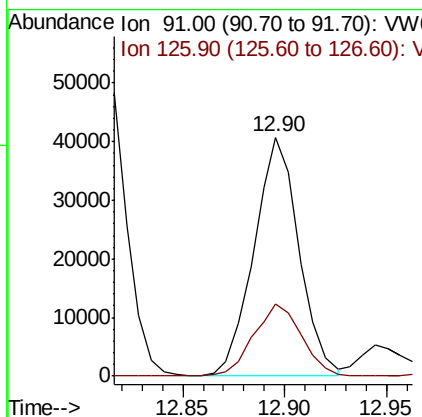
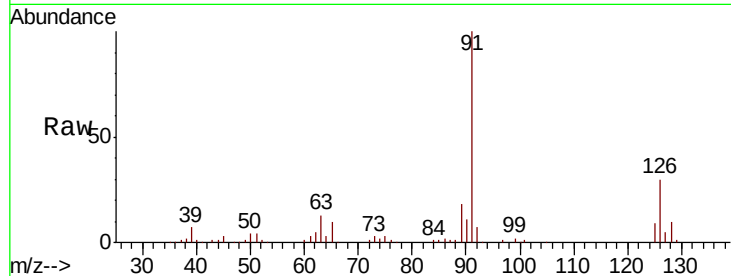
#79
 2-Chlorotoluene
 Concen: 49.278 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion: 91 Resp: 62447
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.7 50.1

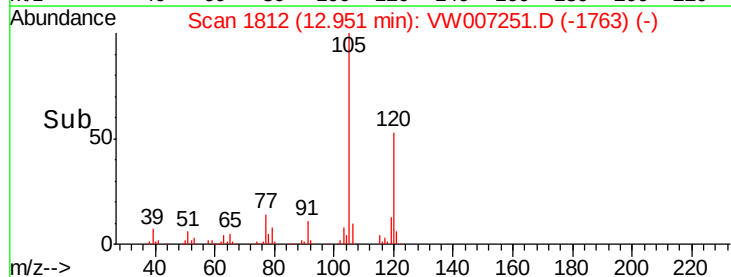
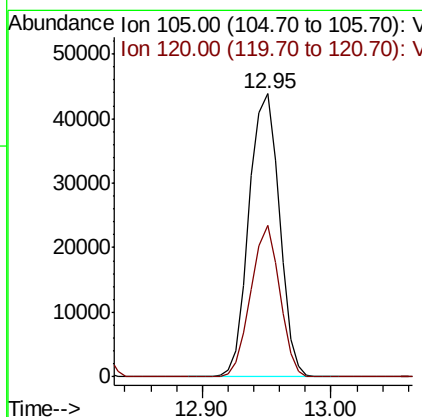
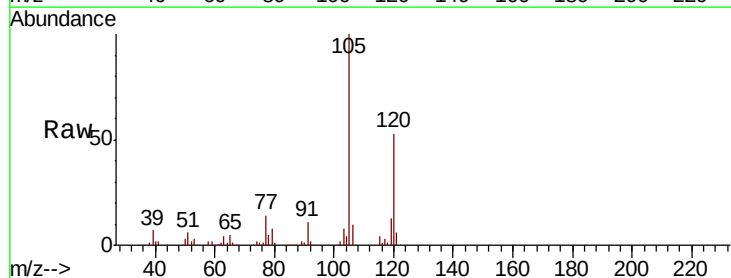
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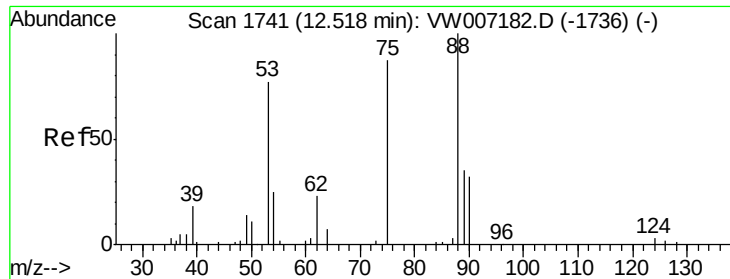
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#80
 1,3,5-Trimethylbenzene
 Concen: 44.184 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion: 105 Resp: 71197
 Ion Ratio Lower Upper
 105 100
 120 50.9 23.8 71.5





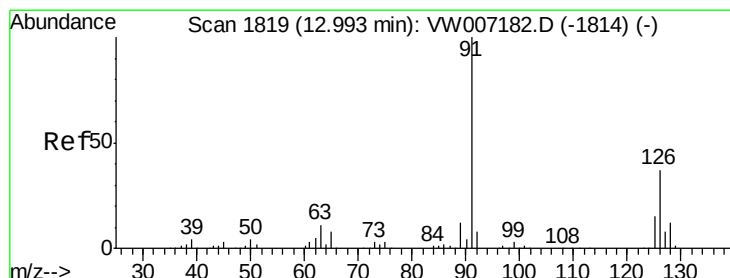
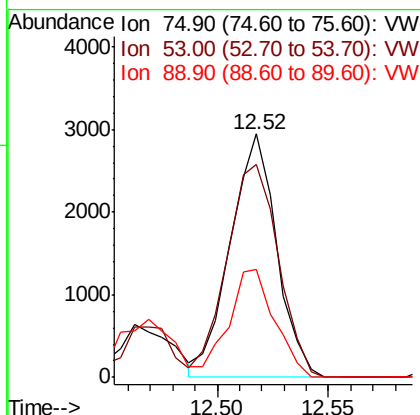
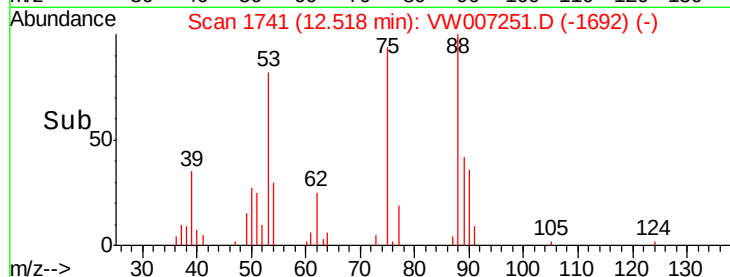
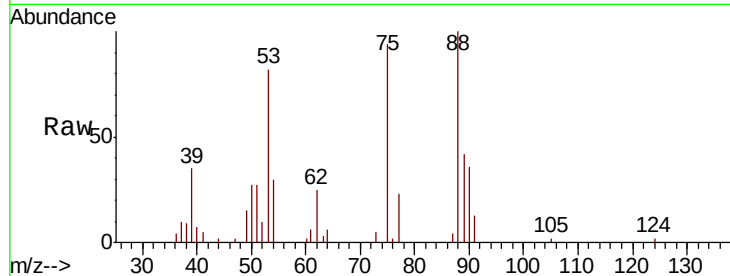
#81
trans-1,4-Dichloro-2-butene
Concen: 51.299 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.6	72.8	109.2
89	43.3	36.4	54.6

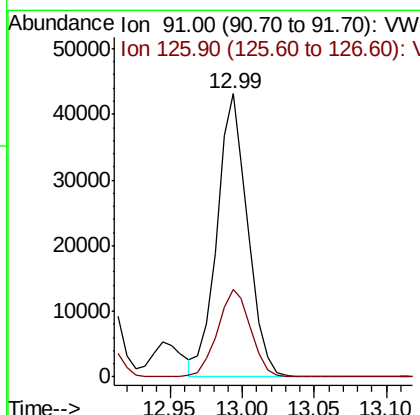
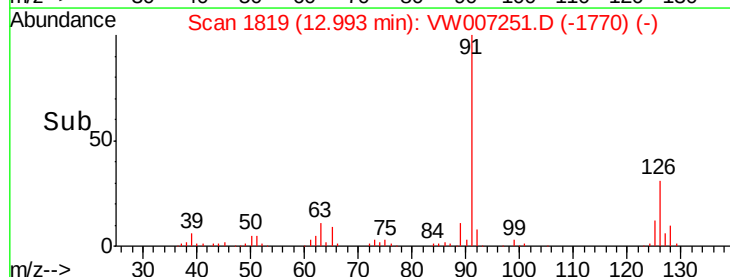
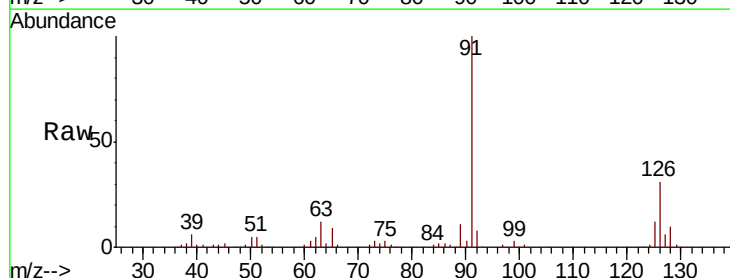
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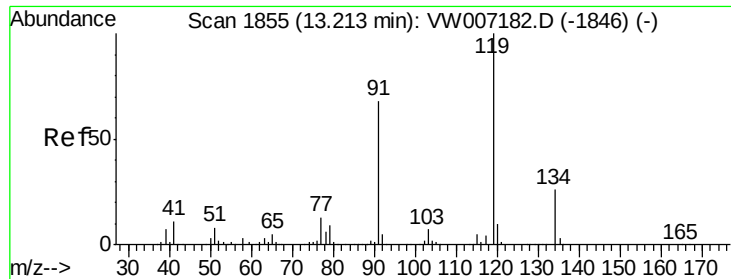
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#82
4-Chlorotoluene
Concen: 47.632 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	17.4	52.3





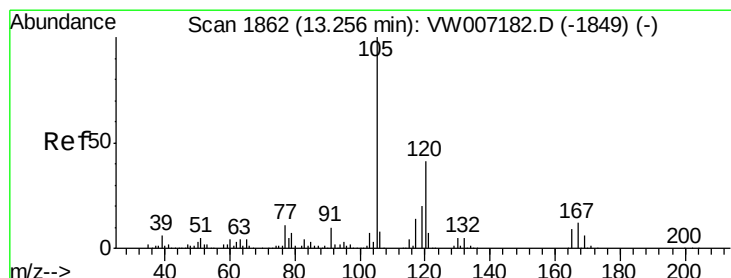
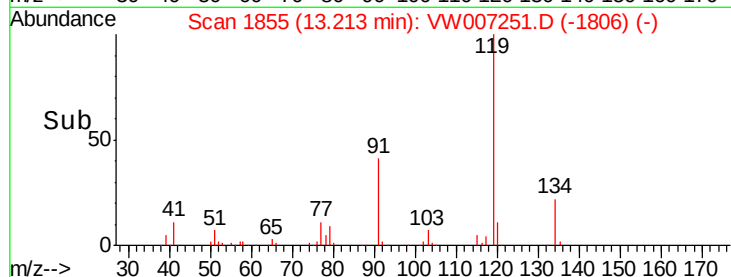
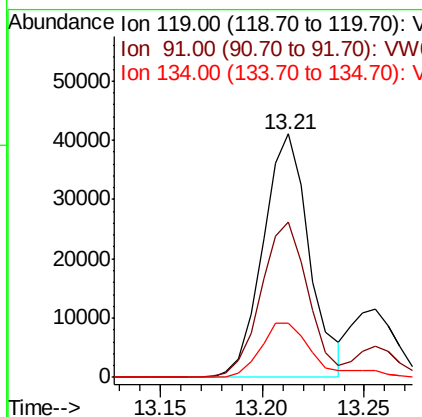
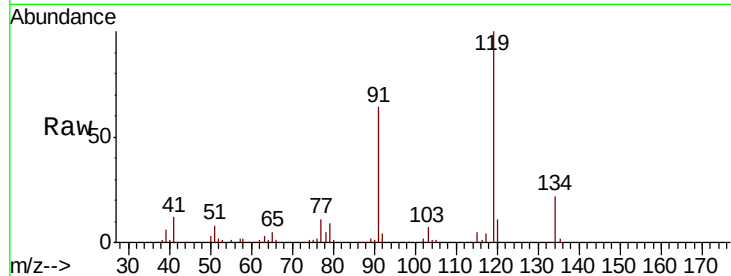
#83
 tert-Butylbenzene
 Concen: 46.006 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.9	34.0	101.8
134	25.8	13.2	39.5

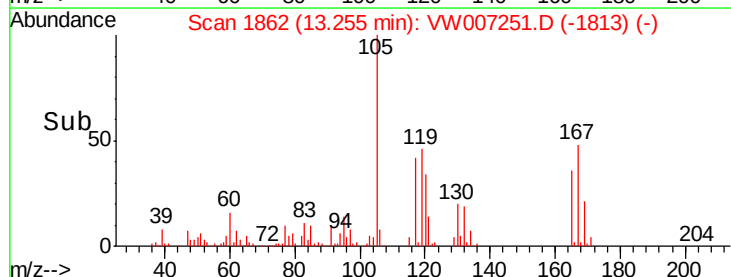
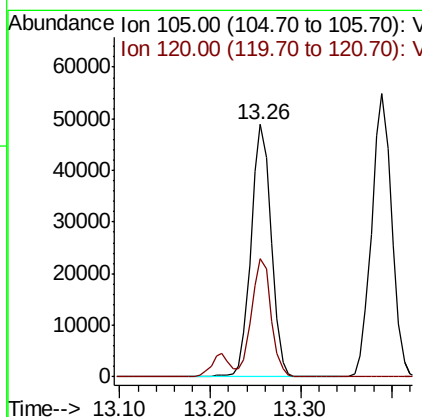
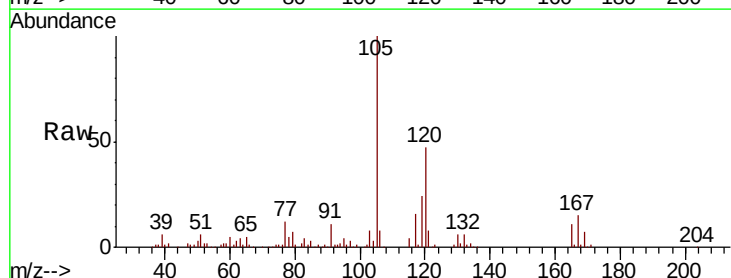
Manual Integrations
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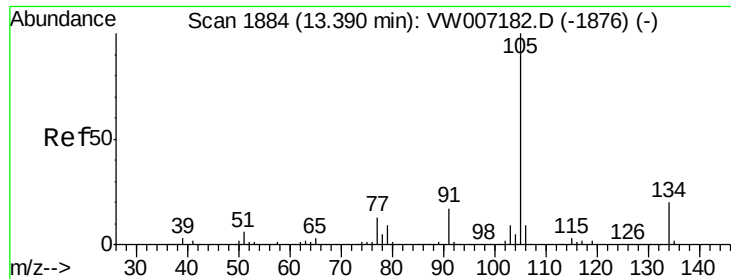
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.030 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.1	63.3





#85

sec-Butylbenzene

Concen: 42.050 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:105 Resp: 84533

Ion Ratio Lower Upper

105 100

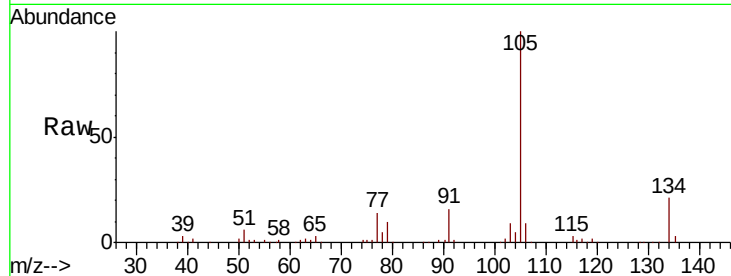
134 20.8 10.3 30.8

Manual Integrations

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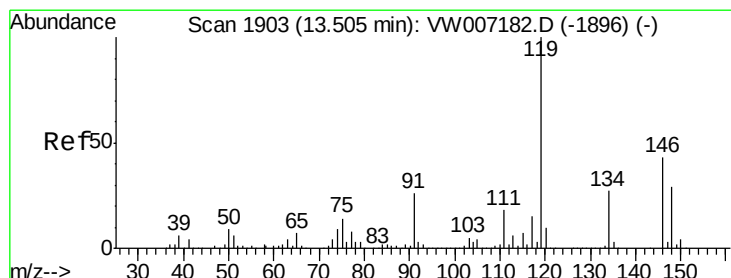
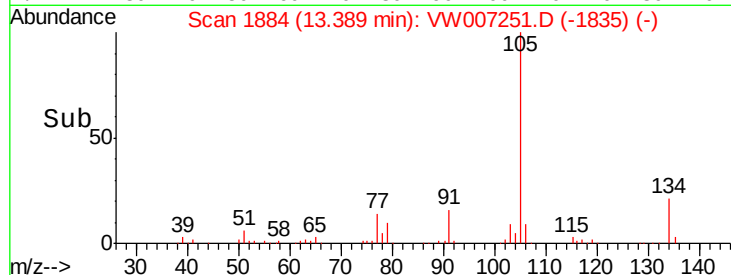
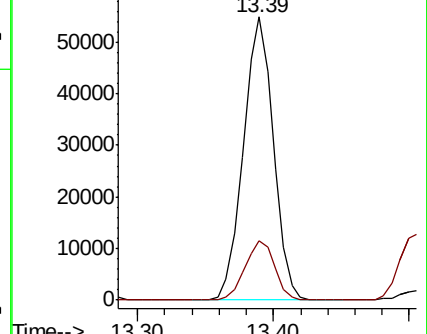
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 43.766 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007251.D

Acq: 05 Dec 2018 23:51

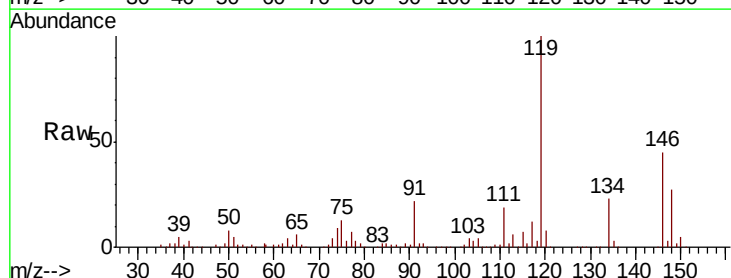
Tgt Ion:119 Resp: 78323

Ion Ratio Lower Upper

119 100

134 25.7 13.2 39.6

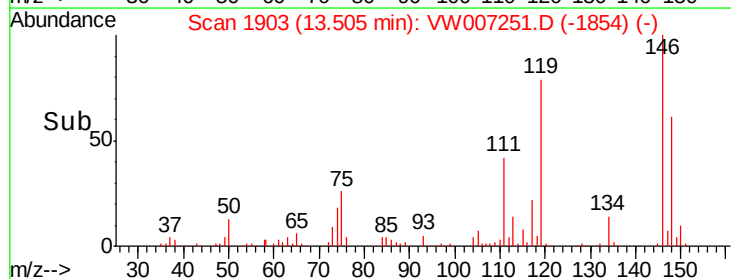
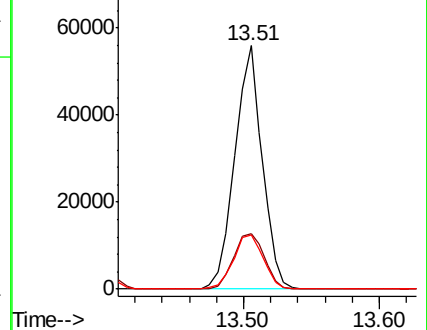
91 24.4 12.4 37.2

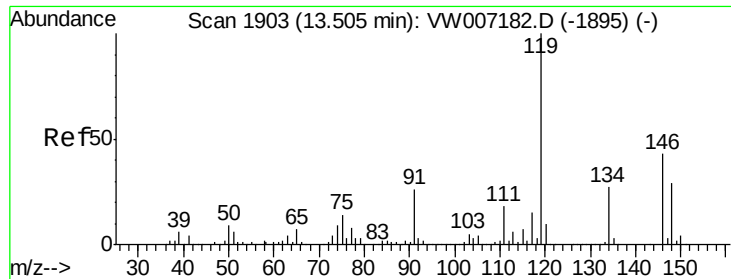


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





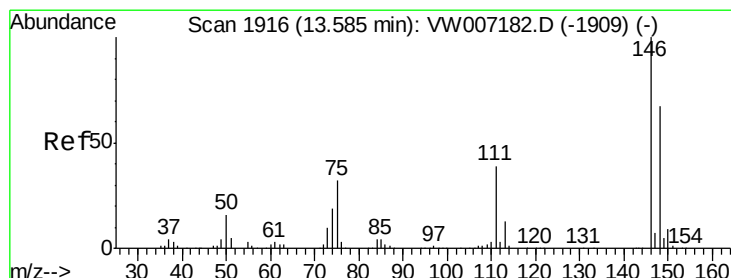
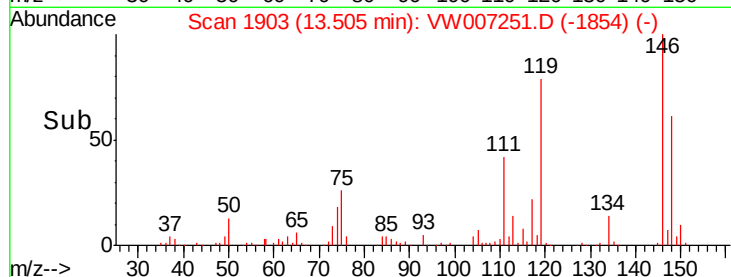
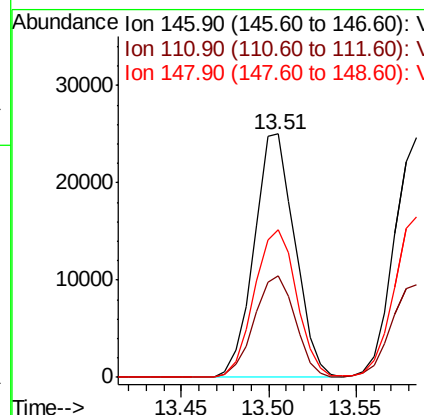
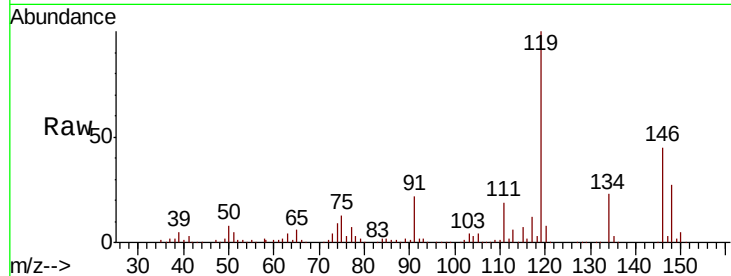
#87
 1,3-Dichlorobenzene
 Concen: 48.487 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.4
148	63.1	32.8	98.4

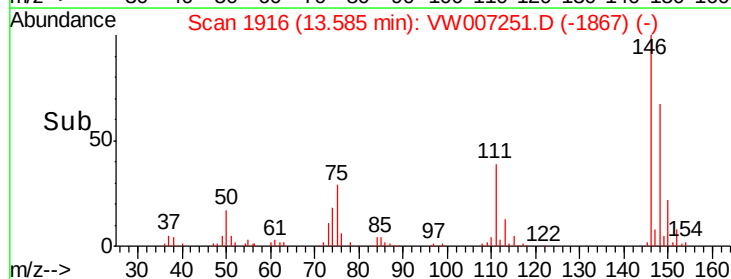
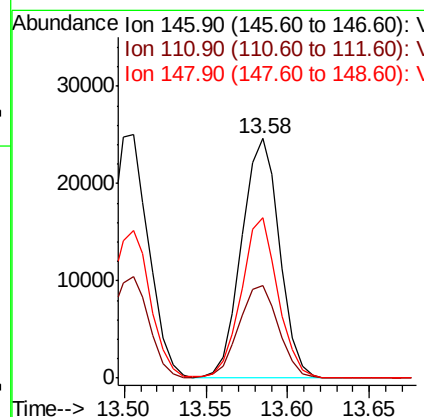
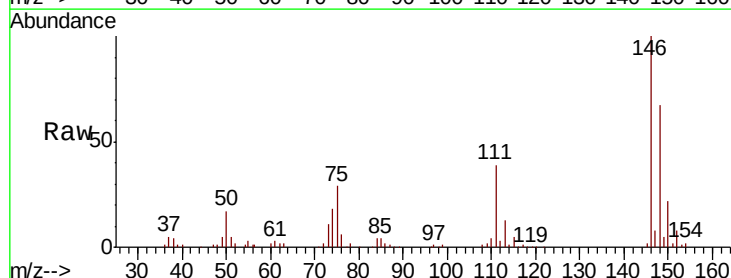
Manual Integrations
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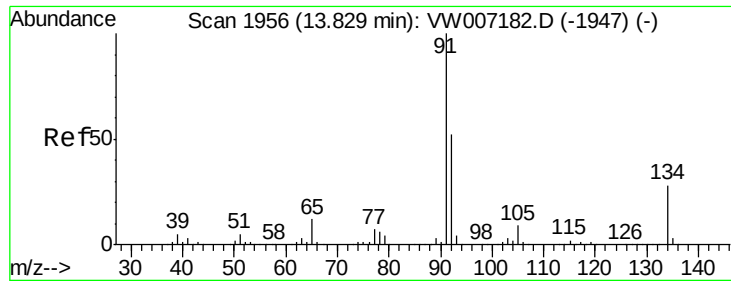
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#88
 1,4-Dichlorobenzene
 Concen: 47.454 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.8
148	64.5	32.6	98.0





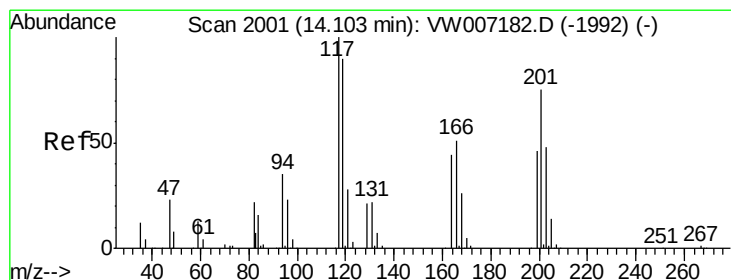
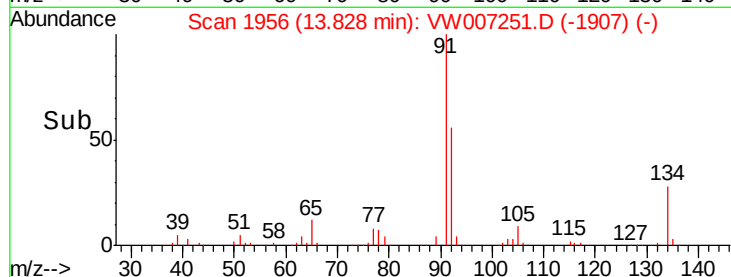
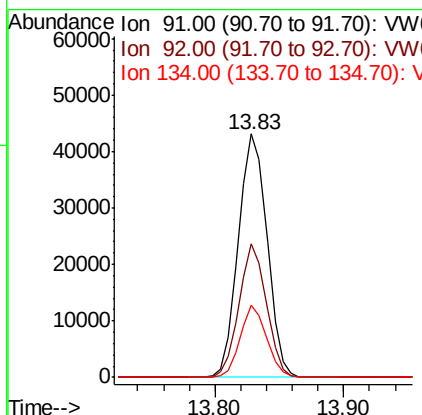
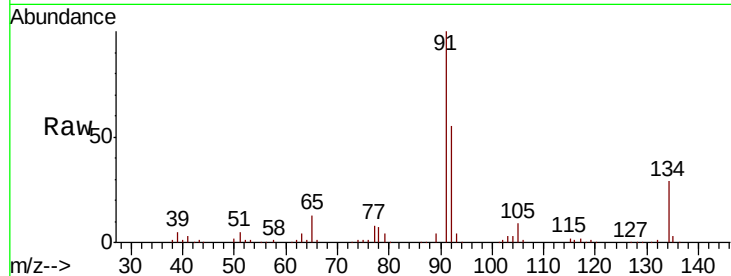
#89
n-Butylbenzene
Concen: 39.822 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.5	79.5
134	26.9	14.1	42.2

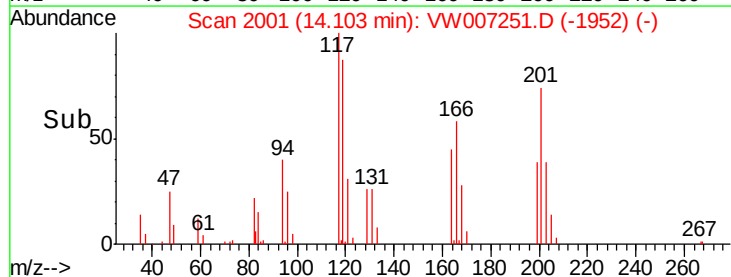
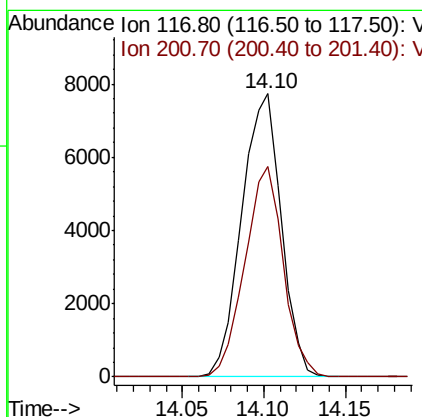
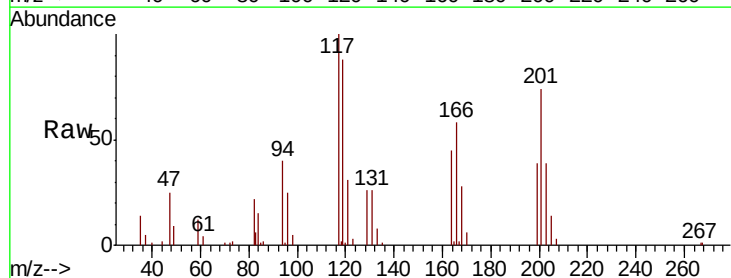
Manual Integrations
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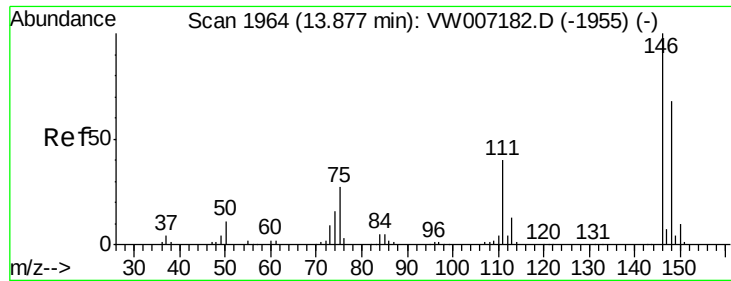
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#90
Hexachloroethane
Concen: 47.908 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.3	36.0	108.1





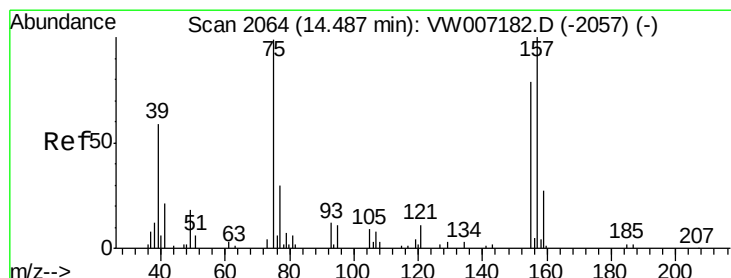
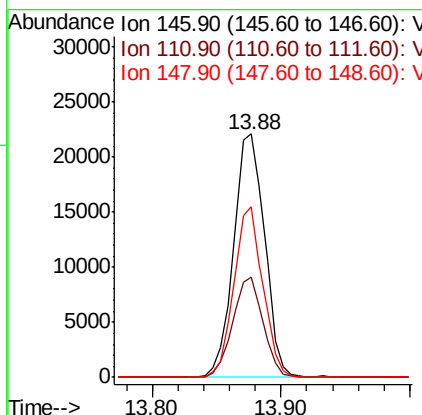
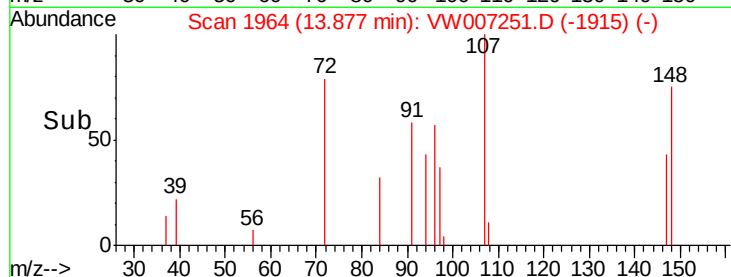
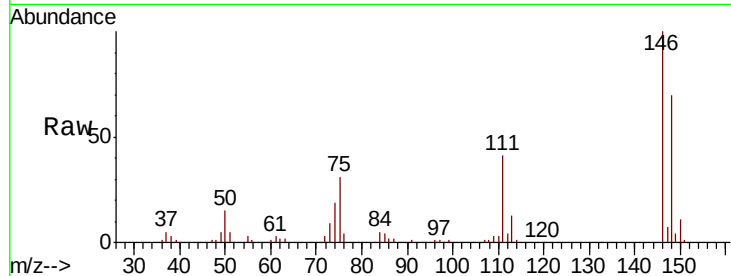
#91
 1,2-Dichlorobenzene
 Concen: 50.998 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.6	65.0
148	65.6	32.7	98.1

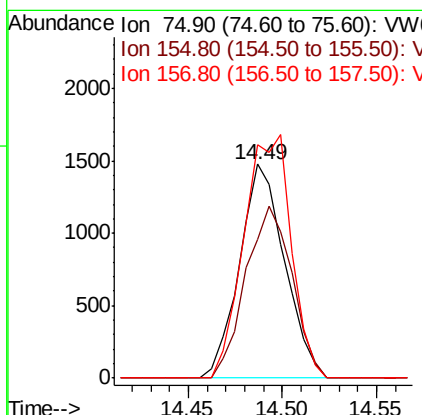
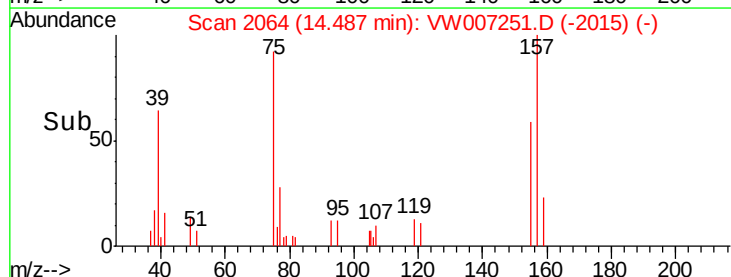
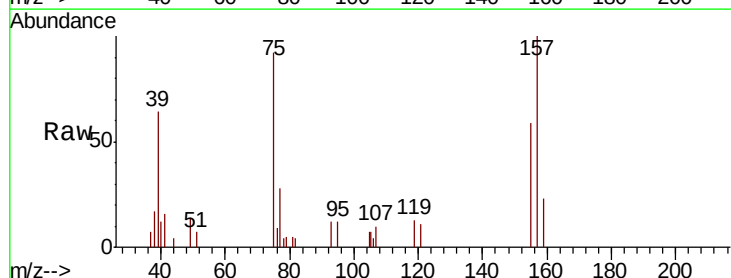
Manual Integrations
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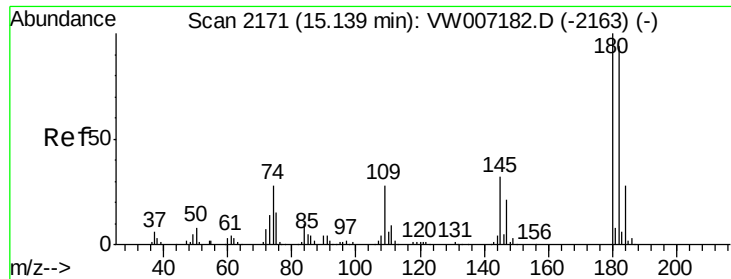
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.721 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007251.D
 Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	42.4	127.2
157	119.0	55.3	165.9





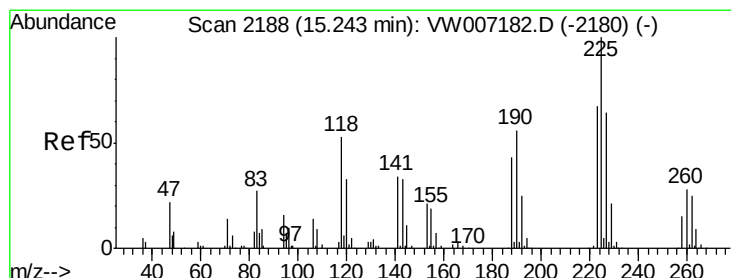
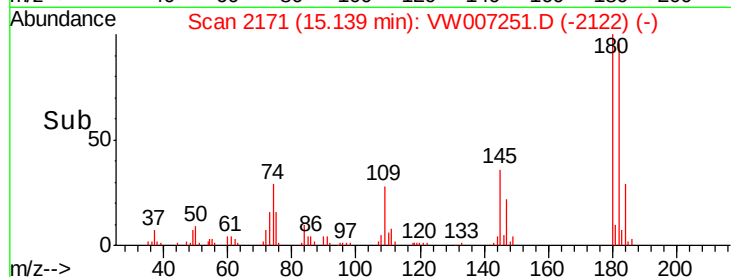
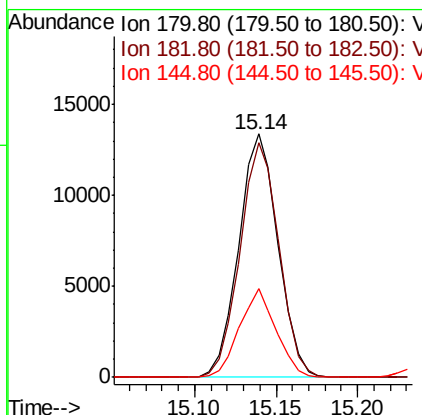
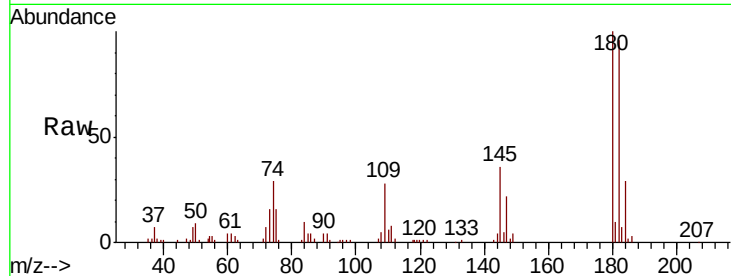
#93
1,2,4-Trichlorobenzene
Concen: 44.680 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.8
145	33.9	16.6	49.7

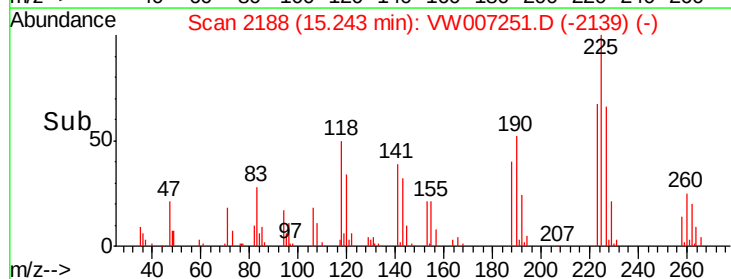
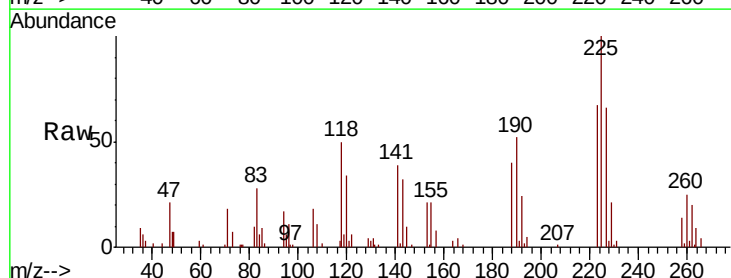
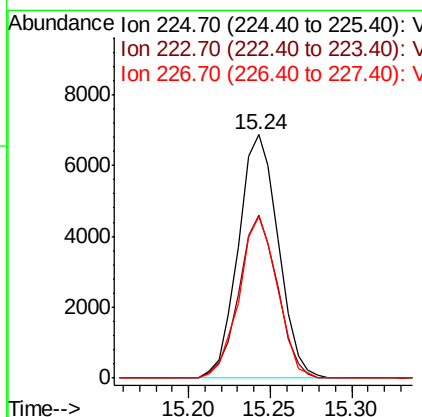
Manual Integrations
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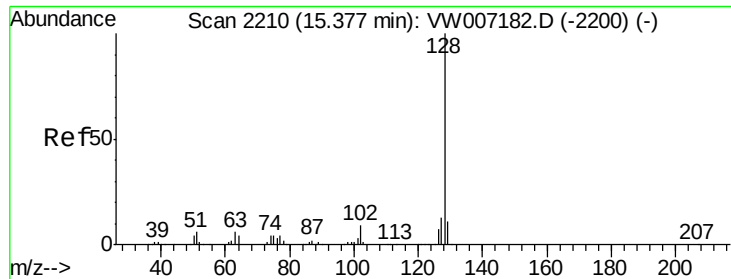
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#94
Hexachlorobutadiene
Concen: 43.288 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.3	96.8
227	63.2	32.1	96.3





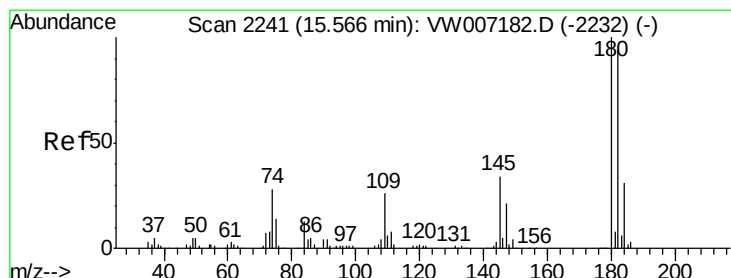
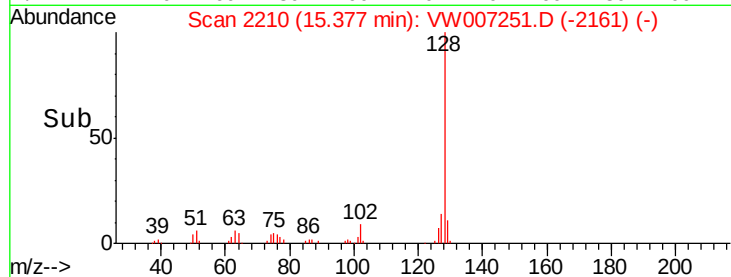
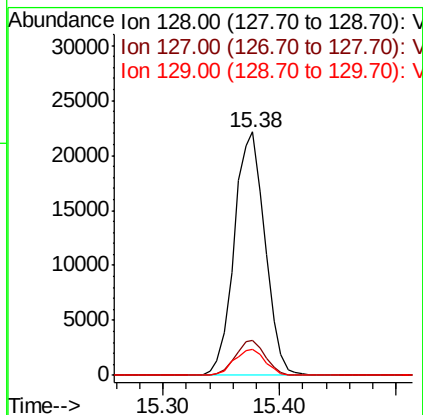
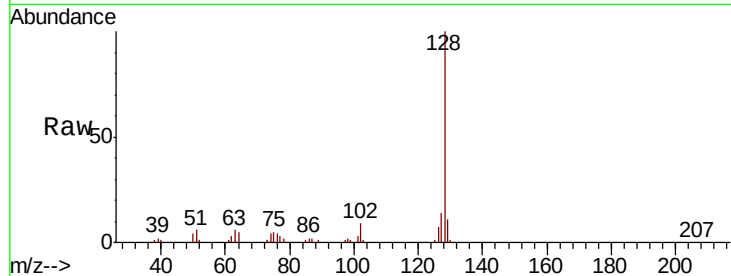
#95
Naphthalene
Concen: 45.351 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	40699		
127	13.8	10.3	15.5	
129	10.7	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 46.071 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007251.D
Acq: 05 Dec 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	19453		
182	96.3	47.4	142.2	
145	36.1	17.6	52.8	

