

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007198.D
 Acq On : 04 Dec 2018 19:54
 Operator : SY/AP
 Sample : J6206-06MSD
 Misc : 5.31G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:44:17 PM

Quant Time: Dec 05 06:23:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	17350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	30476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	28387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	14163	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11431	70.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.52%	
35) Dibromofluoromethane	7.89	113	9700	55.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.18%	
50) Toluene-d8	10.33	98	35597	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	12.62	95	14774	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	7559	39.821	ug/l	93
3) Chloromethane	2.21	50	10171	42.311	ug/l	98
4) Vinyl Chloride	2.36	62	6372	42.336	ug/l	100
5) Bromomethane	2.78	94	3828	50.755	ug/l	96
6) Chloroethane	2.93	64	3972	47.034	ug/l	92
7) Trichlorofluoromethane	3.26	101	14494	49.393	ug/l	100
8) Diethyl Ether	3.70	74	5971	73.000	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	8722	49.204	ug/l	99
10) Methyl Iodide	4.28	142	3588	23.761	ug/l	99
11) Tert butyl alcohol	5.17	59	4643	305.314	ug/l	96
12) 1,1-Dichloroethene	4.04	96	7954	47.881	ug/l	94
13) Acrolein	3.90	56	3208	283.425	ug/l	94
14) Allyl chloride	4.68	41	13470	50.586	ug/l	99
15) Acrylonitrile	5.38	53	13017	380.679	ug/l	99
16) Acetone	4.13	43	11703	306.033	ug/l	94
17) Carbon Disulfide	4.39	76	24827	45.339	ug/l	97
18) Methyl Acetate	4.68	43	10542	120.772	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	28882	73.844	ug/l	96
20) Methylene Chloride	4.92	84	12641	67.462	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	9232	49.771	ug/l	97
22) Diisopropyl ether	6.32	45	30472	63.748	ug/l	95
23) Vinyl Acetate	6.26	43	69818	267.682	ug/l	98
24) 1,1-Dichloroethane	6.22	63	16696	54.495	ug/l	96
25) 2-Butanone	7.18	43	16457	371.246	ug/l	98
26) 2,2-Dichloropropane	7.18	77	14478	49.174	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	10949	55.063	ug/l	99
28) Bromochloromethane	7.52	49	7465	67.573	ug/l #	100
29) Tetrahydrofuran	7.53	42	11222	409.660	ug/l	100
30) Chloroform	7.68	83	17710	55.620	ug/l	97
31) Cyclohexane	7.96	56	15155	47.277	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	15634	52.175	ug/l	100
36) 1,1-Dichloropropene	8.09	75	13234	44.629	ug/l	99
37) Ethyl Acetate	7.26	43	6348	59.180	ug/l #	94
38) Carbon Tetrachloride	8.07	117	12843	42.433	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	16964	42.734	ug/l	98
40) Benzene	8.33	78	38297	47.098	ug/l	99
41) Methacrylonitrile	7.49	41	4620	71.908	ug/l	99
42) 1,2-Dichloroethane	8.41	62	13858	60.980	ug/l	99
43) Isopropyl Acetate	8.43	43	14176	68.046	ug/l	99
44) Trichloroethene	9.10	130	11034	48.275	ug/l	99
45) 1,2-Dichloropropane	9.37	63	10342	54.655	ug/l	99
46) Dibromomethane	9.46	93	6181	62.862	ug/l	97
47) Bromodichloromethane	9.65	83	13709	53.004	ug/l #	86
48) Methyl methacrylate	9.44	41	7435	68.763	ug/l	93
49) 1,4-Dioxane	9.45	88	2179	1268.586	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	37972	369.862	ug/l	99
52) Toluene	10.39	92	25721	45.473	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	16139	62.065	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	16876	55.378	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	9355	66.887	ug/l	97
56) Ethyl methacrylate	10.65	69	10515	57.635	ug/l	95
57) 1,3-Dichloropropane	10.93	76	15492	65.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	17169	234.294	ug/l	100
59) 2-Hexanone	10.97	43	24385	327.650	ug/l	98
60) Dibromochloromethane	11.13	129	10872	63.247	ug/l	97
61) 1,2-Dibromoethane	11.24	107	9302	69.342	ug/l	100
64) Tetrachloroethene	10.87	164	9428	45.458	ug/l	94
65) Chlorobenzene	11.66	112	29214	46.080	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	10170	51.941	ug/l	98
67) Ethyl Benzene	11.73	91	49016	42.420	ug/l	99
68) m/p-Xylenes	11.85	106	38466	84.856	ug/l	96
69) o-Xylene	12.17	106	18146	42.845	ug/l	92
70) Styrene	12.18	104	30038	43.327	ug/l	98
71) Bromoform	12.35	173	6514	66.459	ug/l #	99
73) Isopropylbenzene	12.47	105	48511	42.113	ug/l	100
74) N-amyl acetate	12.28	43	10509	51.456	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	10585	70.754	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	8067m	37.902	ug/l	
77) Bromobenzene	12.75	156	11981	48.185	ug/l	95
78) n-propylbenzene	12.81	91	54780	39.916	ug/l	99
79) 2-Chlorotoluene	12.90	91	33078	42.682	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	40947	41.552	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	2879	56.584	ug/l	86
82) 4-Chlorotoluene	12.99	91	36136	43.830	ug/l	96
83) tert-Butylbenzene	13.21	119	37416	43.448	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	42048	41.800	ug/l	95
85) sec-Butylbenzene	13.39	105	48587	39.520	ug/l	99
86) p-Isopropyltoluene	13.51	119	43469	39.718	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	23215	45.481	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	23568	45.710	ug/l	100
89) n-Butylbenzene	13.83	91	40953	40.044	ug/l	97
90) Hexachloroethane	14.10	117	7100	42.572	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	21973	49.725	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1832	63.214	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	13516	44.137	ug/l	97
94) Hexachlorobutadiene	15.24	225	6511	39.428	ug/l	97
95) Naphthalene	15.38	128	28250	51.473	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	11773	45.593	ug/l	98

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

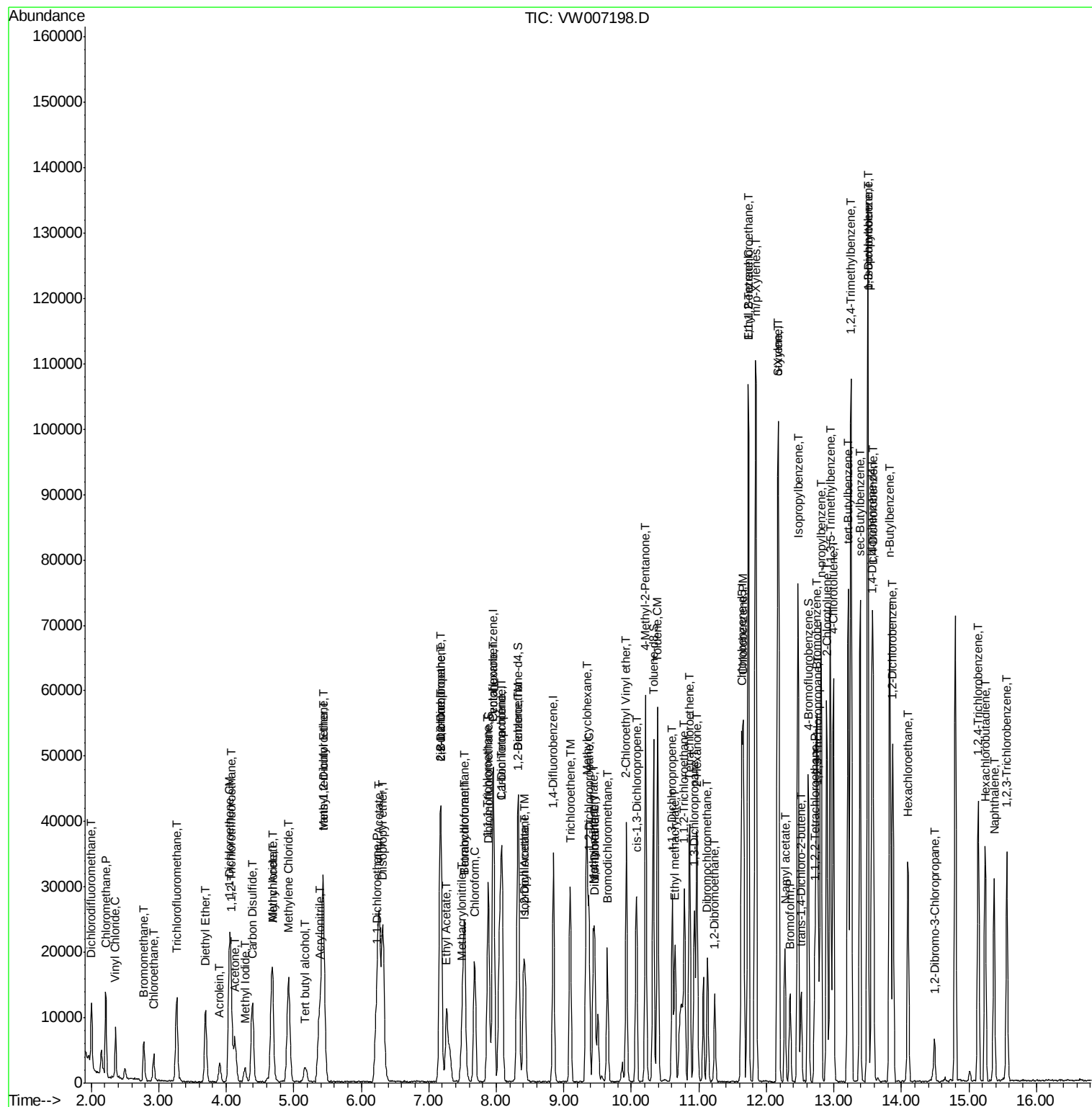
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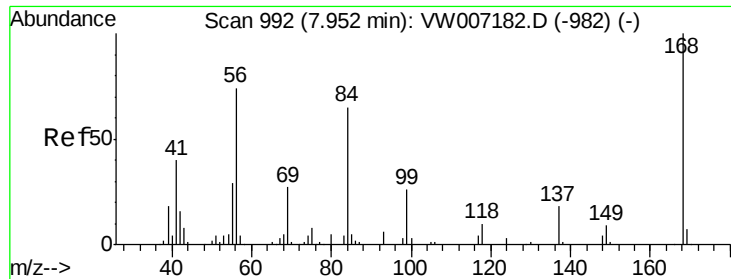
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007198.D

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Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:168 Resp: 17350

Ion Ratio Lower Upper

168 100

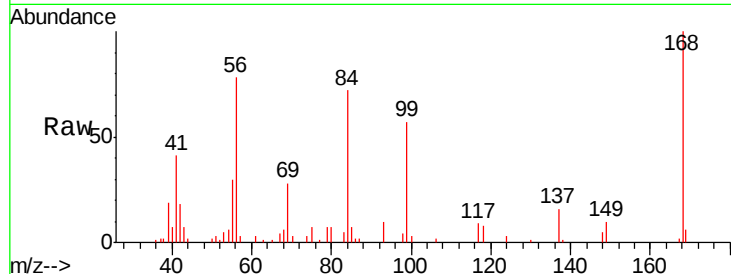
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Manual Integrations

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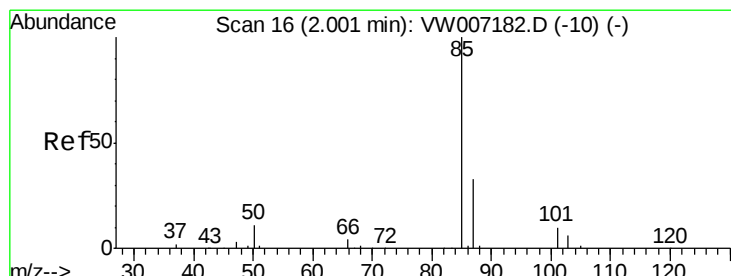
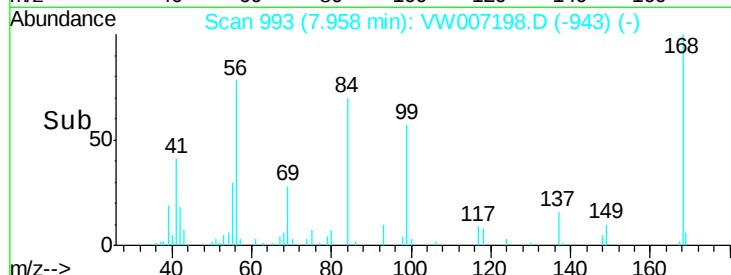
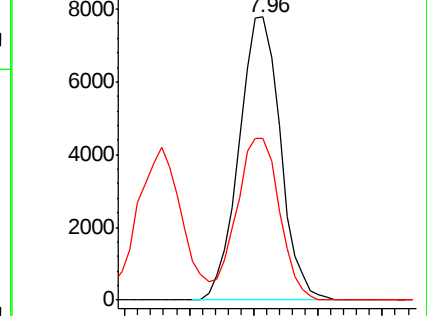
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 39.821 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW007198.D

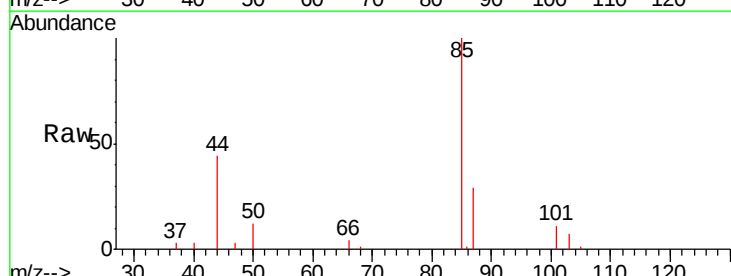
Acq: 04 Dec 2018 19:54

Tgt Ion: 85 Resp: 7559

Ion Ratio Lower Upper

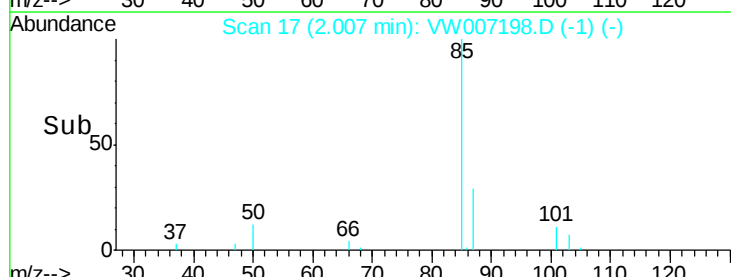
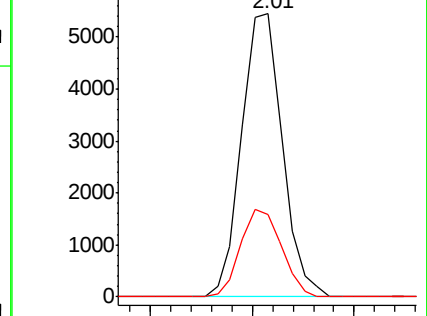
85 100

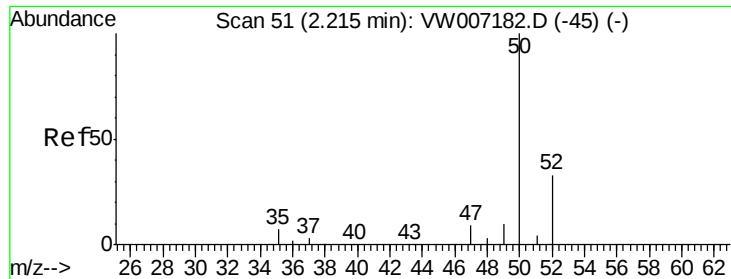
87 29.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 42.311 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion: 50 Resp: 10171

Ion Ratio Lower Upper

50 100

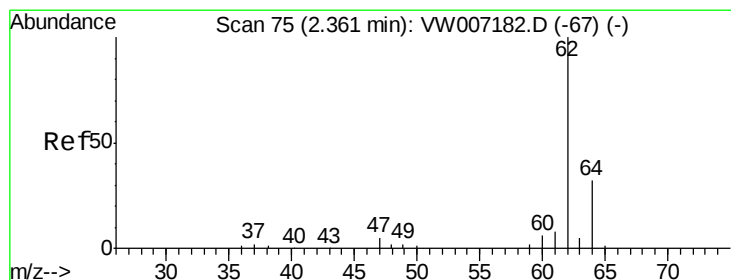
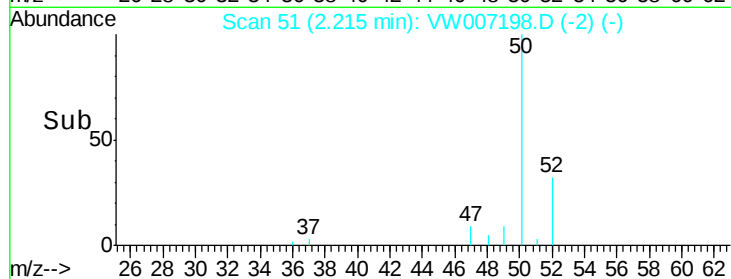
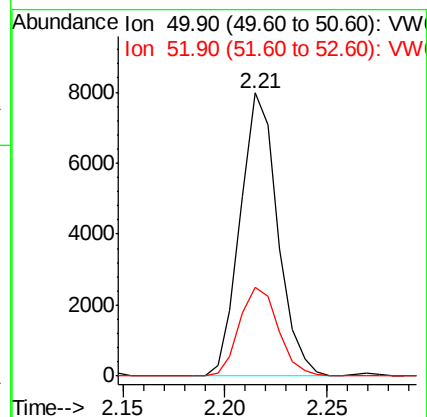
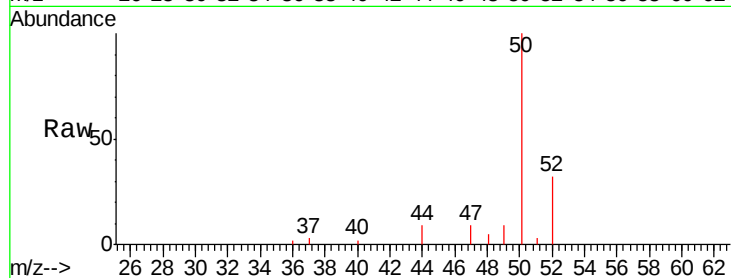
52 31.5 26.2 39.2

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#4

Vinyl Chloride

Concen: 42.336 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007198.D

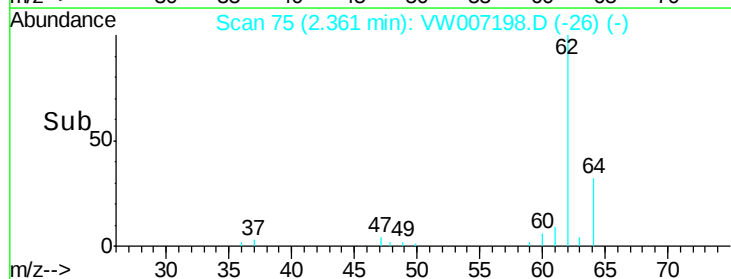
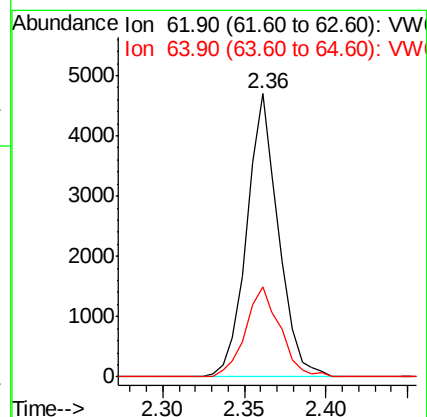
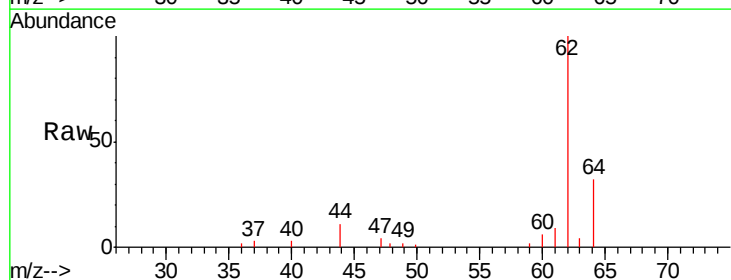
Acq: 04 Dec 2018 19:54

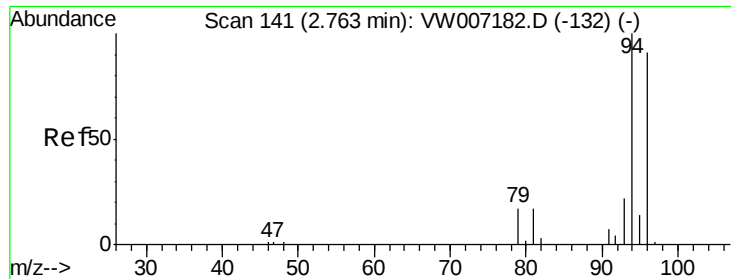
Tgt Ion: 62 Resp: 6372

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 50.755 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.02 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Tgt Ion: 94 Resp: 3828

Ion Ratio Lower Upper

94 100

96 94.4 72.8 109.2

Instrument :

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ClientSampleId :

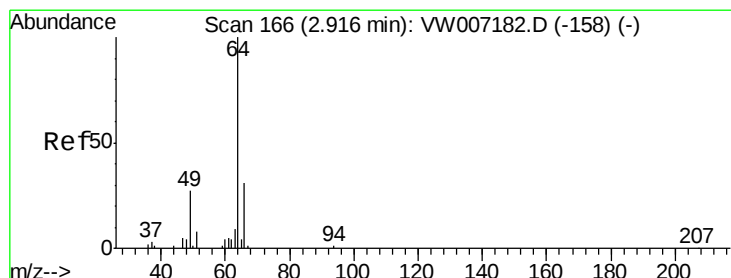
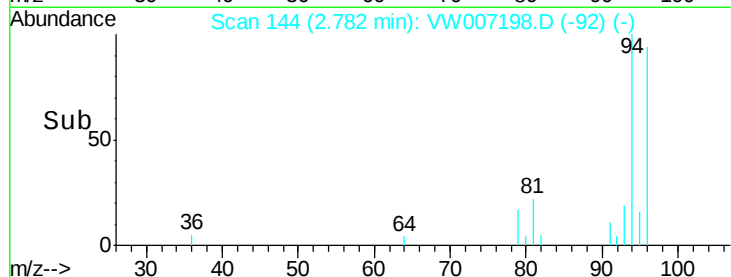
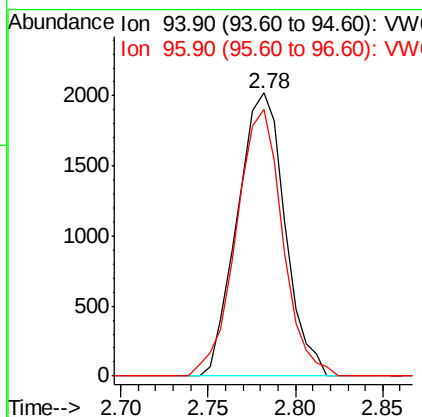
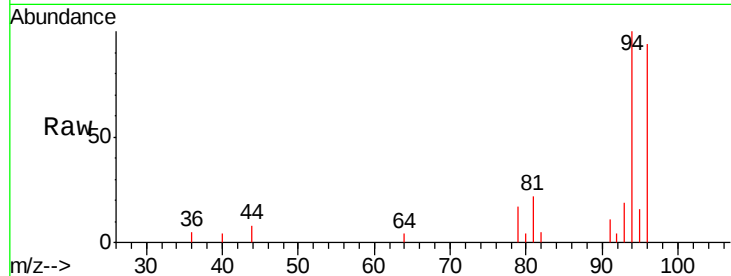
HLSP-SB-5B-(8.5)MSD

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#6

Chloroethane

Concen: 47.034 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007198.D

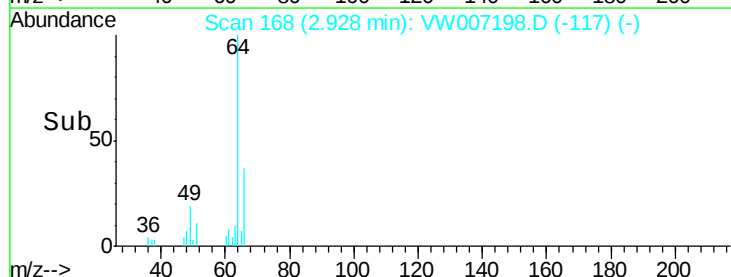
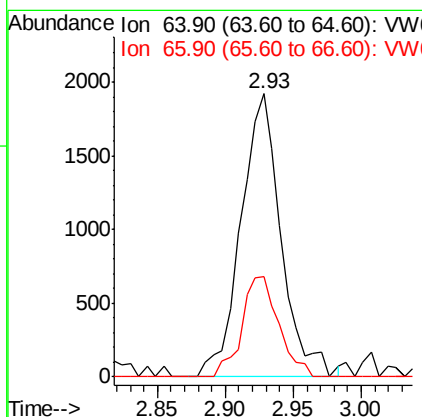
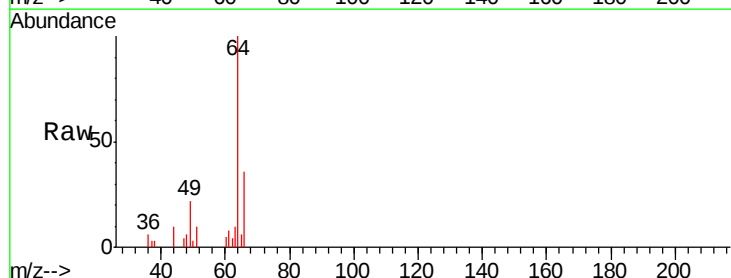
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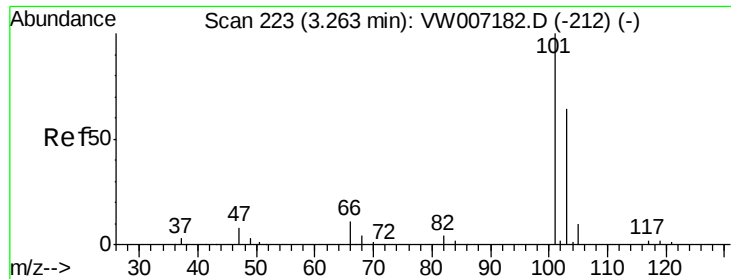
Tgt Ion: 64 Resp: 3972

Ion Ratio Lower Upper

64 100

66 35.6 25.0 37.6





#7

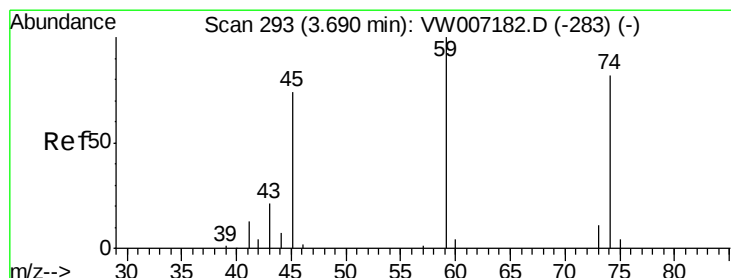
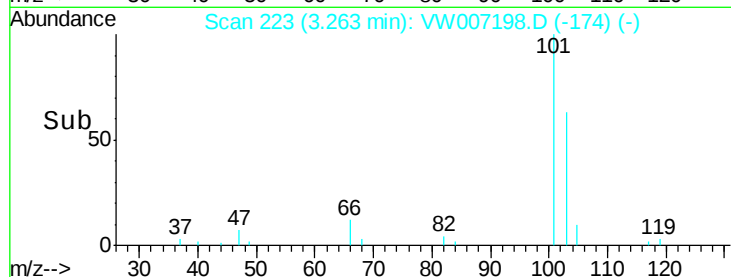
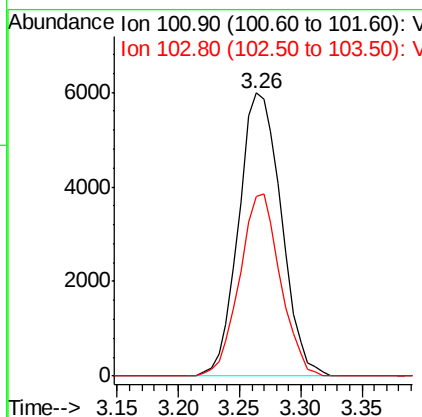
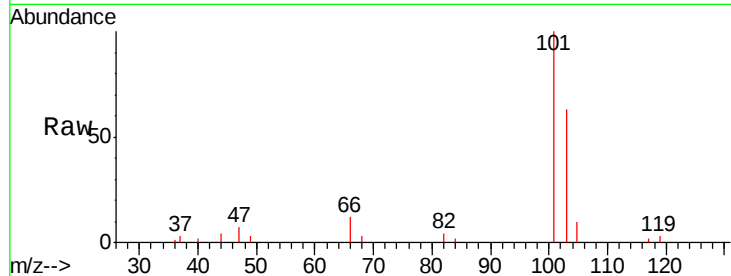
Trichlorofluoromethane
Concen: 49.393 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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Tgt Ion: 101 Resp: 14494
Ion Ratio Lower Upper
101 100
103 63.3 50.9 76.3

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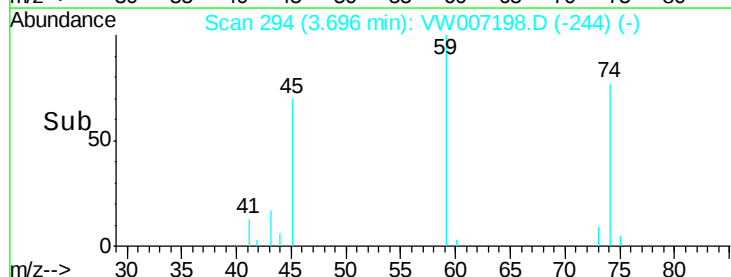
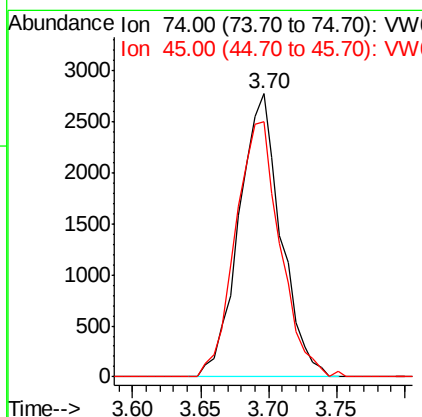
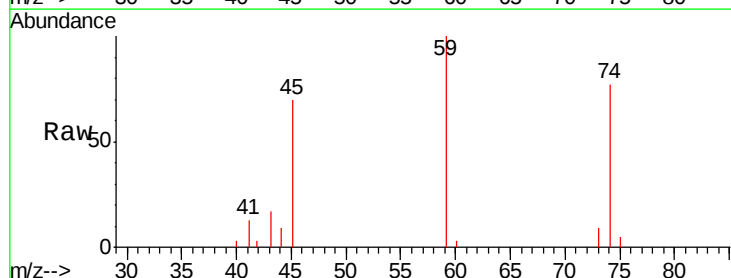
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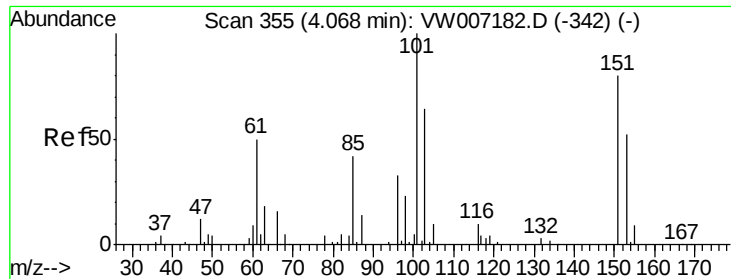


#8

Diethyl Ether
Concen: 73.000 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion: 74 Resp: 5971
Ion Ratio Lower Upper
74 100
45 96.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.204 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

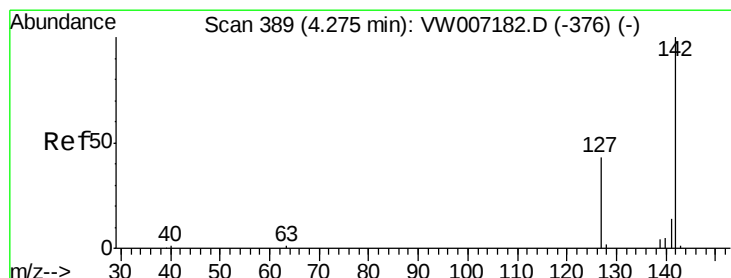
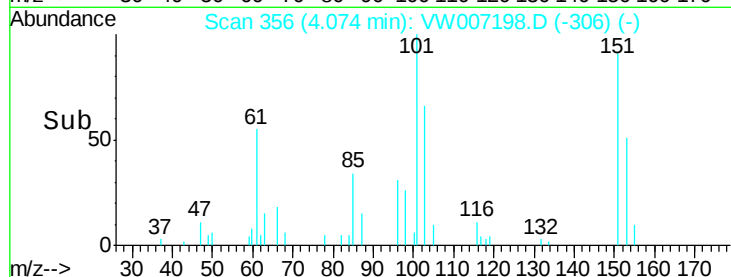
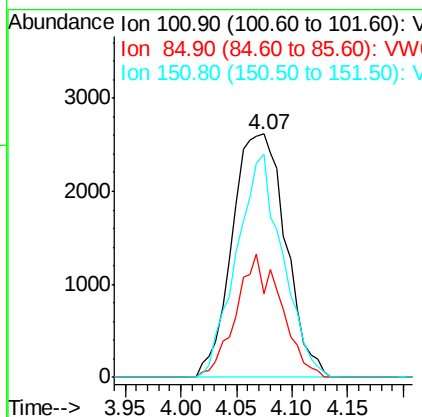
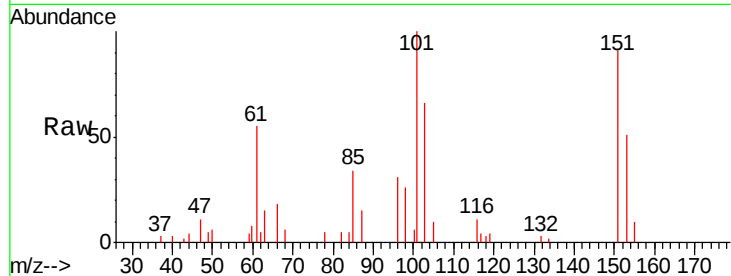
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	101	Resp:	8722
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.4	50.2
151	79.1	63.9	95.9

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#10

Methyl Iodide

Concen: 23.761 ug/l

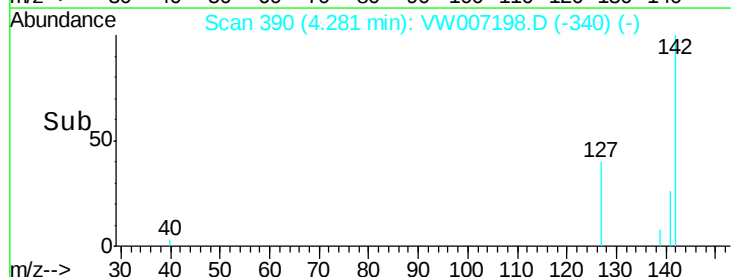
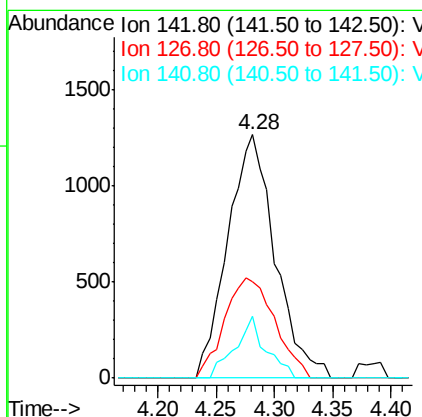
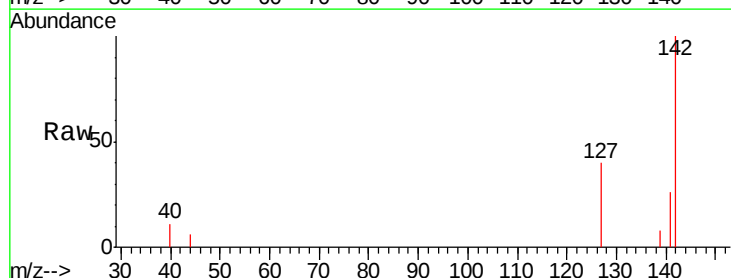
RT: 4.28 min Scan# 390

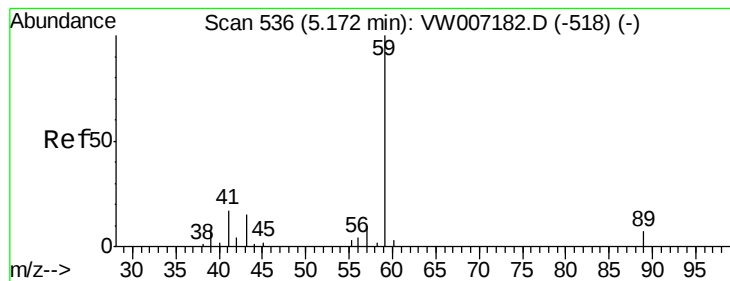
Delta R.T. 0.01 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Tgt Ion:	142	Resp:	3588
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.9	52.3
141	16.5	11.7	17.5





#11

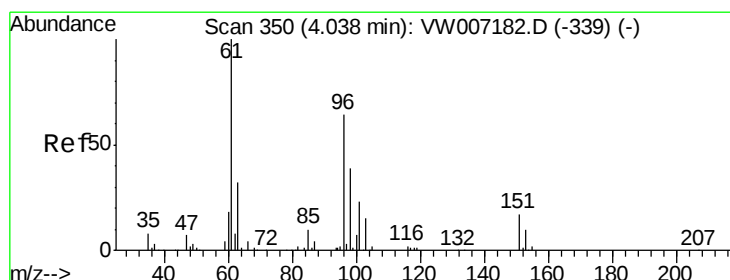
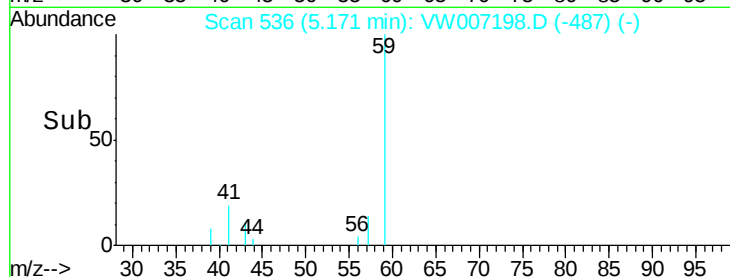
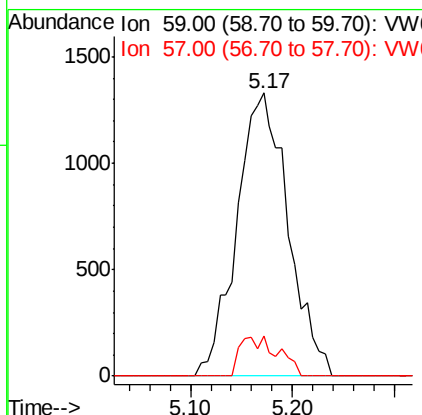
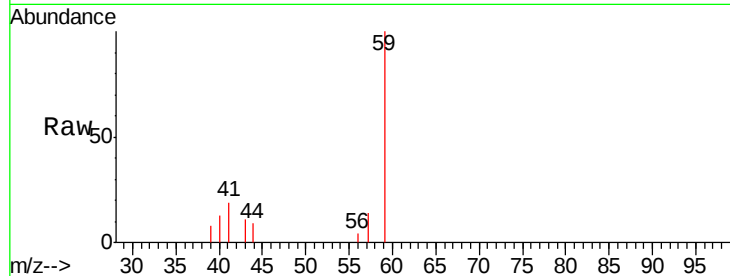
Tert butyl alcohol
Concen: 305.314 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion: 59 Resp: 4643
Ion Ratio Lower Upper
59 100
57 10.2 7.1 10.7

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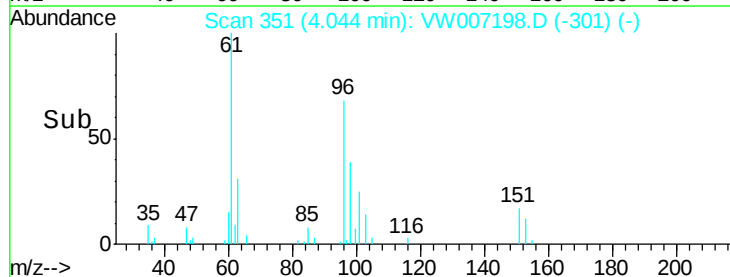
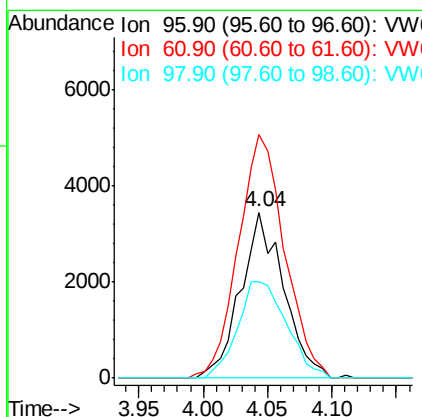
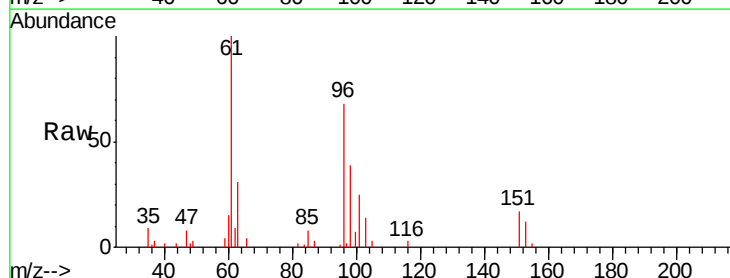
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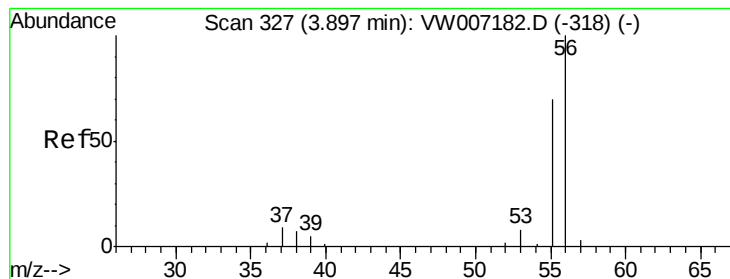


#12

1,1-Dichloroethene
Concen: 47.881 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion: 96 Resp: 7954
Ion Ratio Lower Upper
96 100
61 146.9 124.1 186.1
98 57.8 48.6 72.8





#13

Acrolein

Concen: 283.425 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion: 56 Resp: 3208

Ion Ratio Lower Upper

56 100

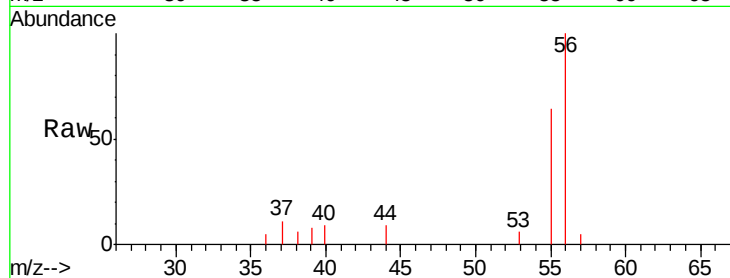
55 76.4 56.9 85.3

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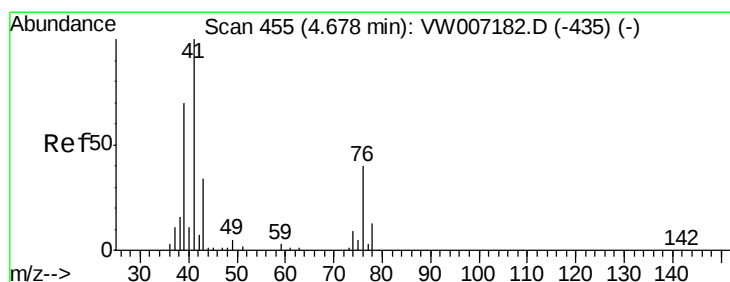
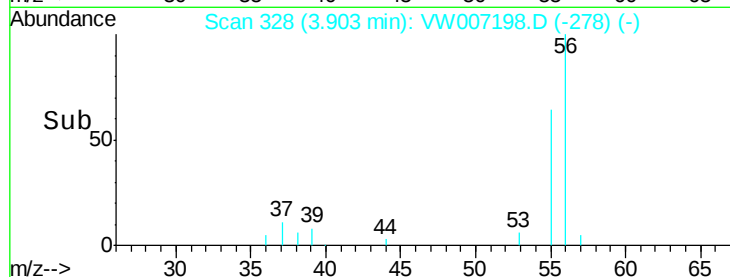
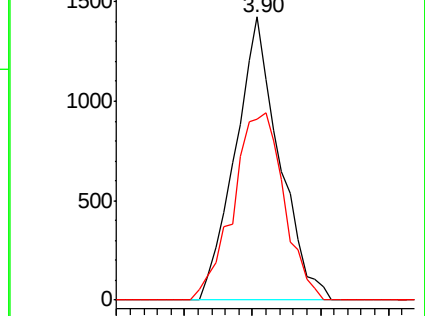
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 50.586 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

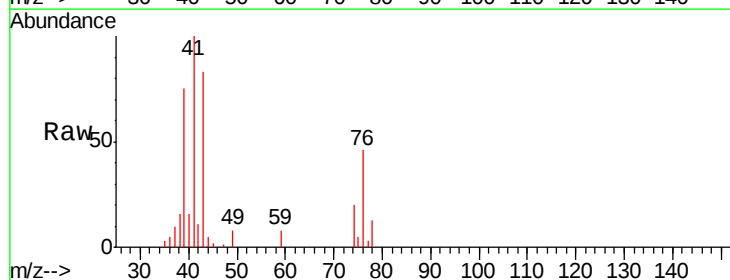
Tgt Ion: 41 Resp: 13470

Ion Ratio Lower Upper

41 100

39 70.6 55.9 83.9

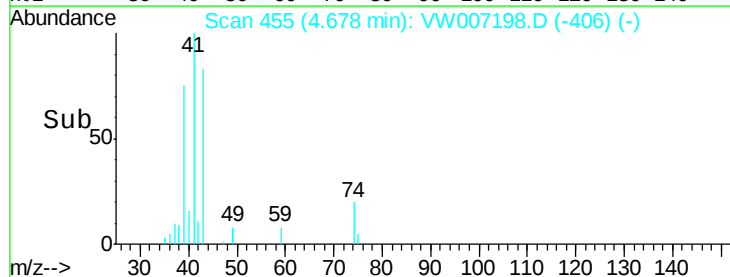
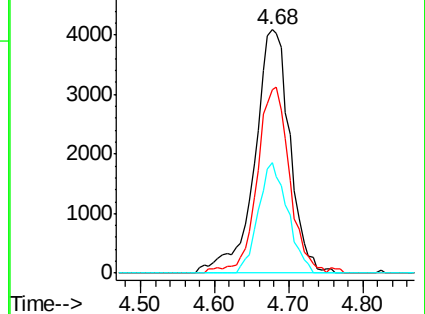
76 37.9 30.8 46.2

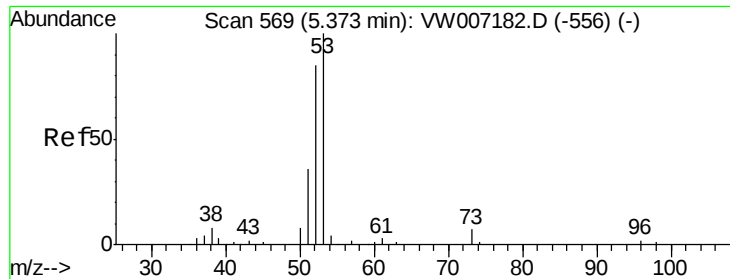


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





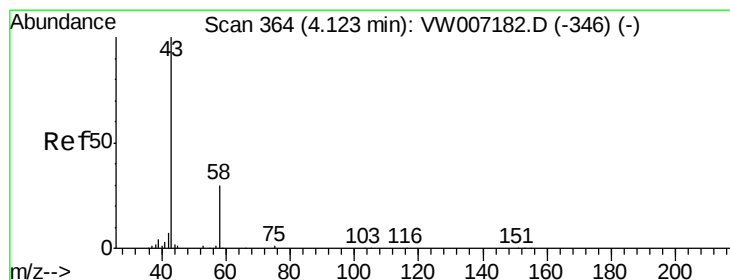
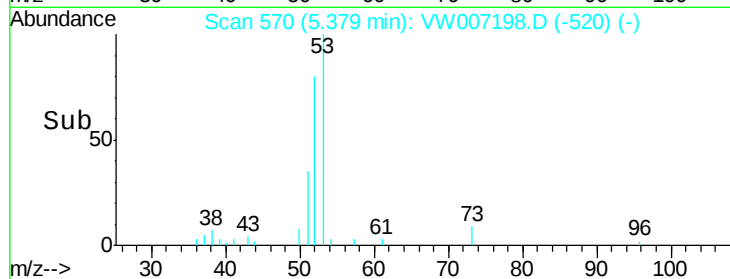
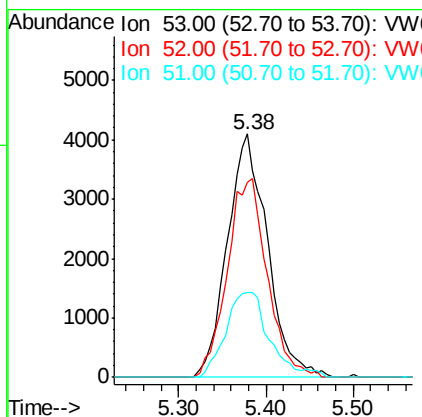
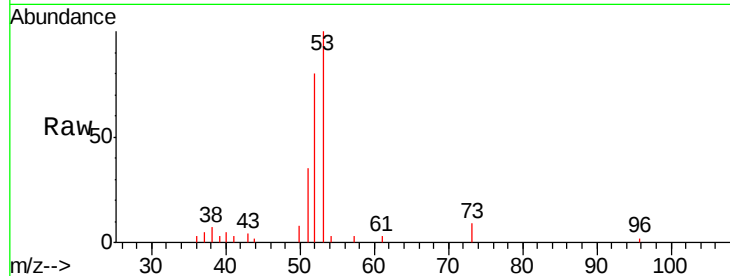
#15
 Acrylonitrile
 Concen: 380.679 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

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

Tgt Ion:	53	Resp:	13017
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.1	99.1
51	37.1	30.3	45.5

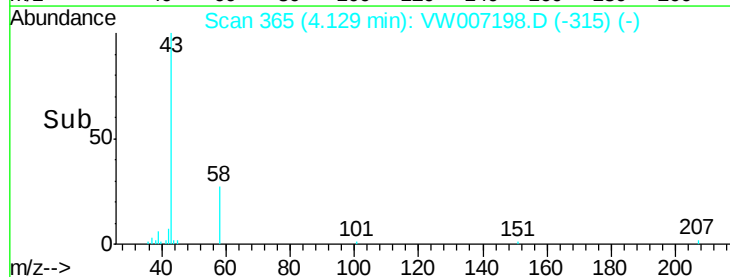
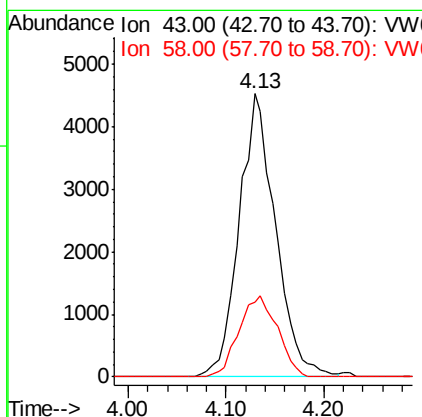
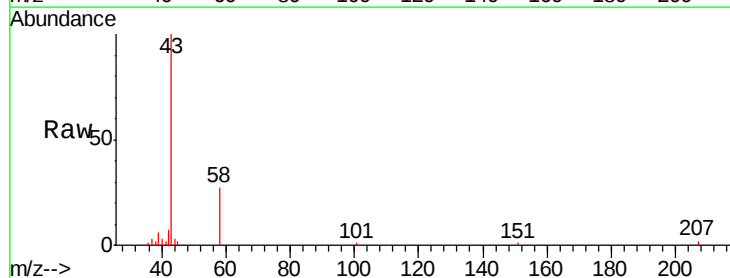
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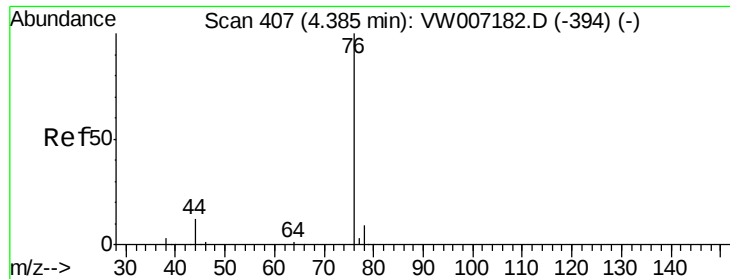
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#16
 Acetone
 Concen: 306.033 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

Tgt Ion:	43	Resp:	11703
Ion	Ratio	Lower	Upper
43	100		
58	26.5	23.8	35.8





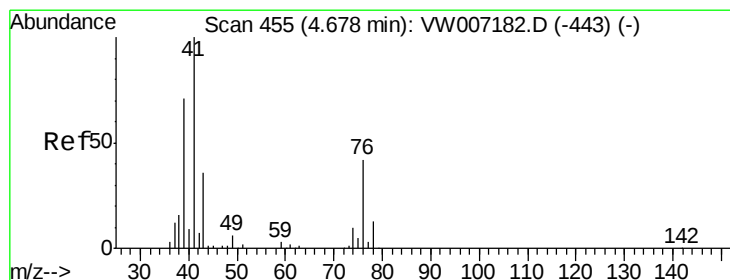
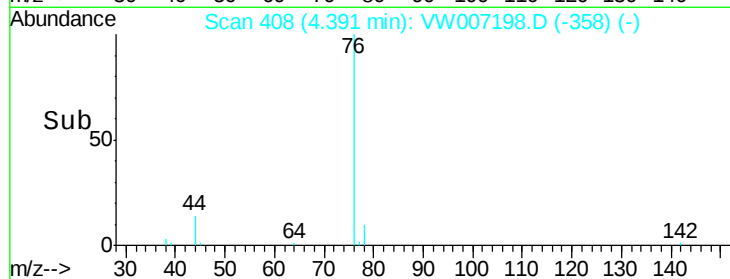
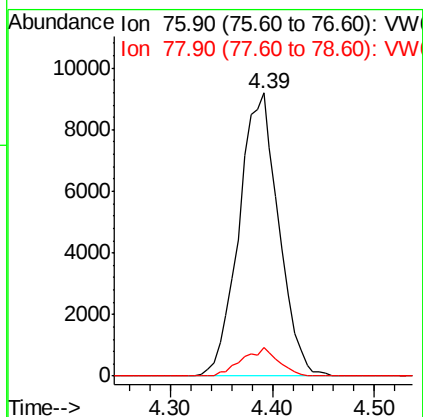
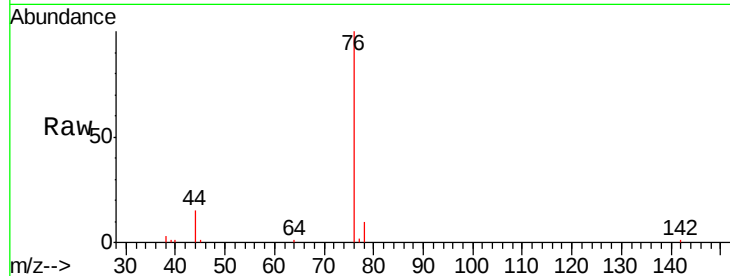
#17
Carbon Disulfide
Concen: 45.339 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion: 76 Resp: 24827
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

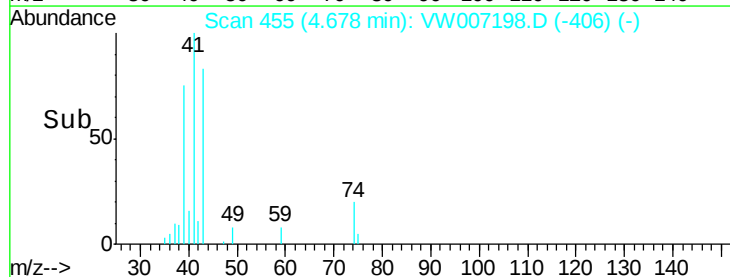
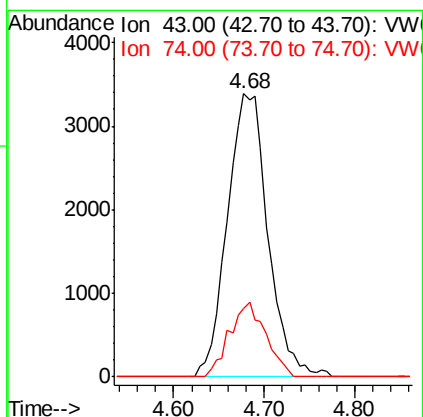
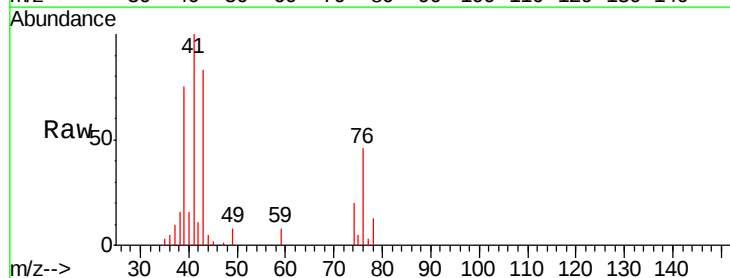
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#18
Methyl Acetate
Concen: 120.772 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion: 43 Resp: 10542
Ion Ratio Lower Upper
43 100
74 23.4 20.1 30.1





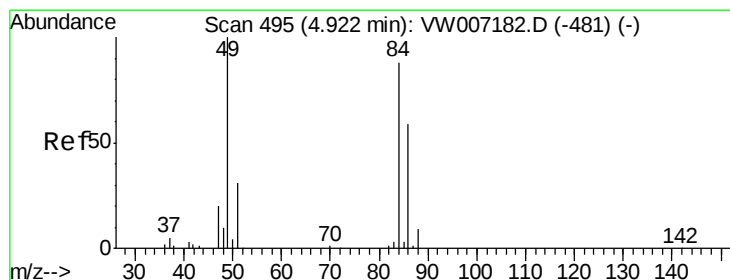
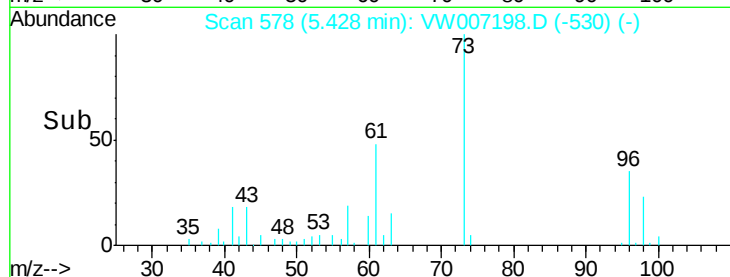
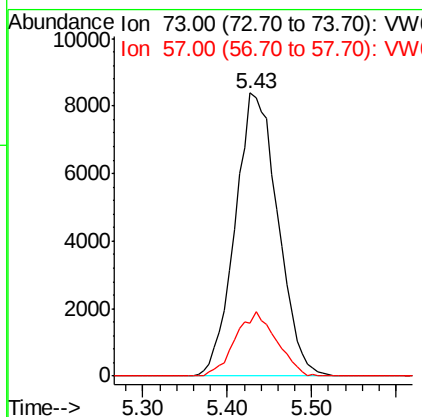
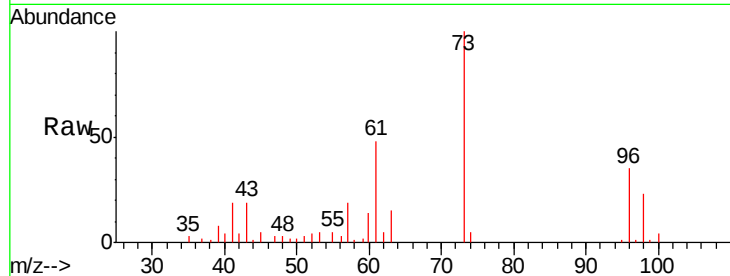
#19
Methyl tert-butyl Ether
Concen: 73.844 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion: 73 Resp: 28882
Ion Ratio Lower Upper
73 100
57 18.9 16.6 25.0

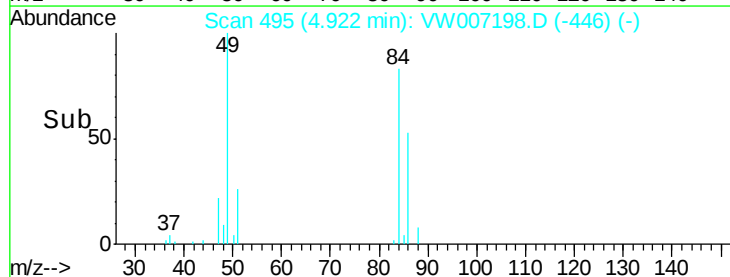
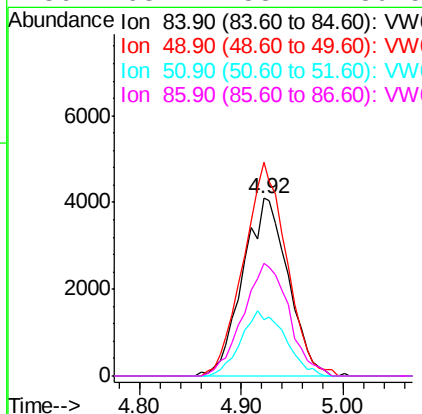
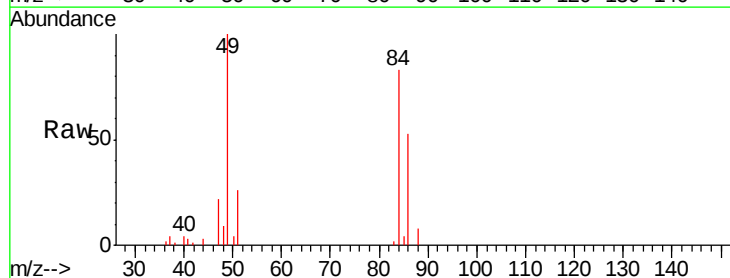
Manual Integrations
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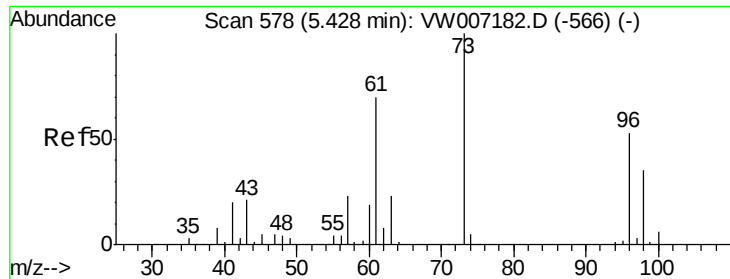
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#20
Methylene Chloride
Concen: 67.462 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion: 84 Resp: 12641
Ion Ratio Lower Upper
84 100
49 120.3 90.6 135.8
51 31.7 27.6 41.4
86 63.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 49.771 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

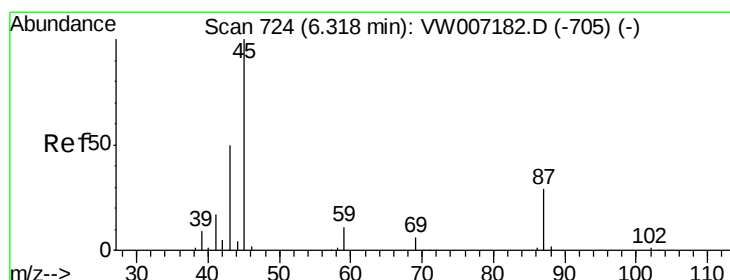
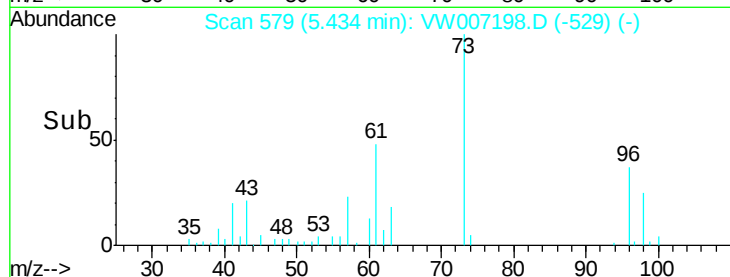
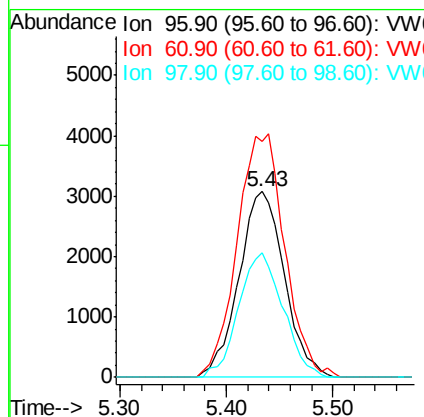
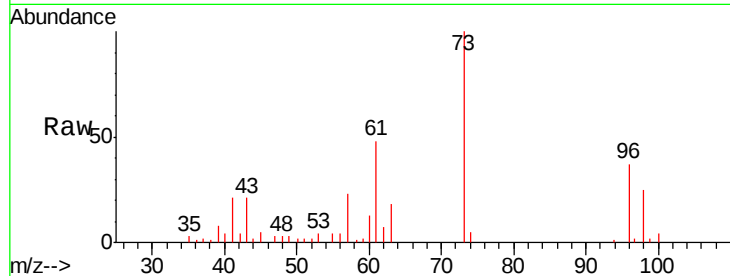
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	96	Resp:	9232
Ion	Ratio	Lower	Upper
96	100		
61	127.3	105.5	158.3
98	66.8	52.6	79.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 63.748 ug/l

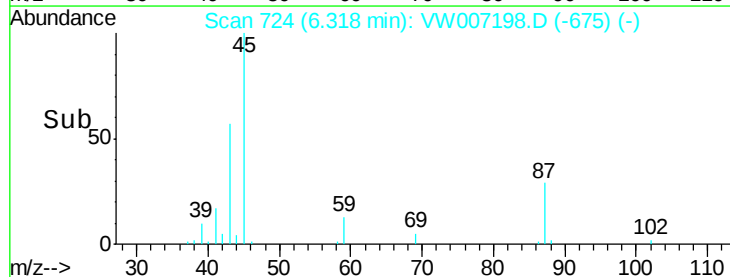
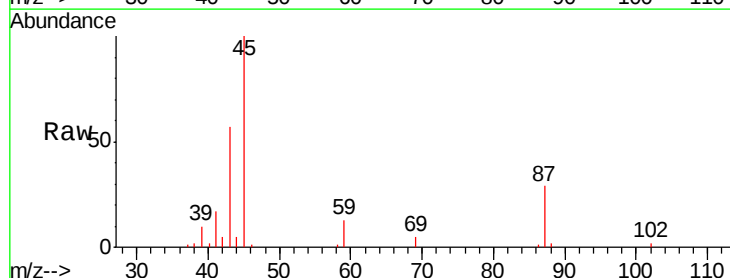
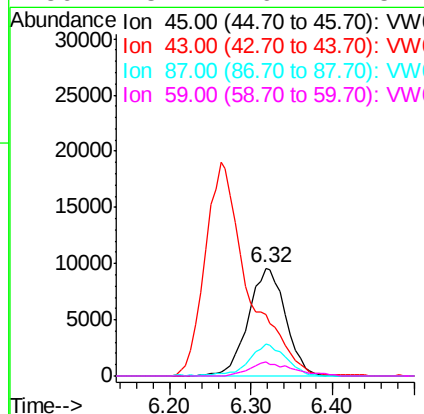
RT: 6.32 min Scan# 724

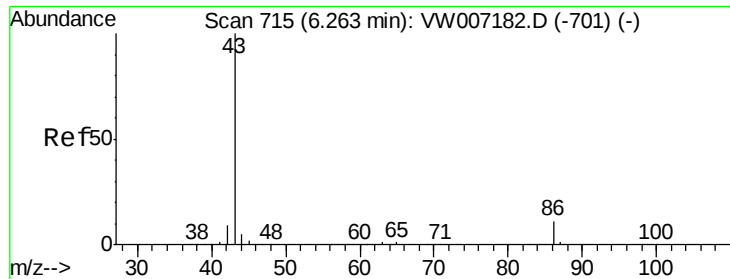
Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Tgt Ion:	45	Resp:	30472
Ion	Ratio	Lower	Upper
45	100		
43	56.1	40.8	61.2
87	29.3	24.0	36.0
59	13.4	9.1	13.7





#23

Vinyl Acetate

Concen: 267.682 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion: 43 Resp: 69818

Ion Ratio Lower Upper

43 100

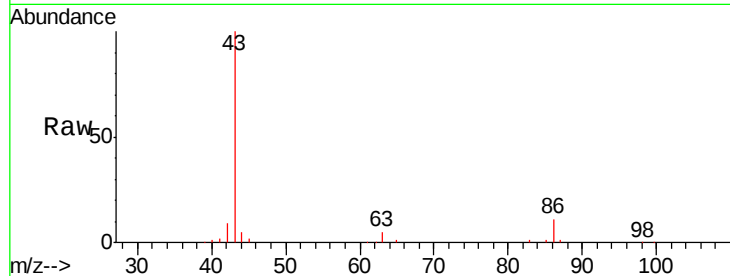
86 10.6 9.0 13.6

Manual Integrations

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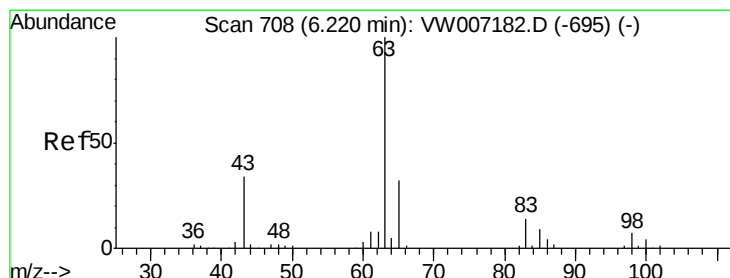
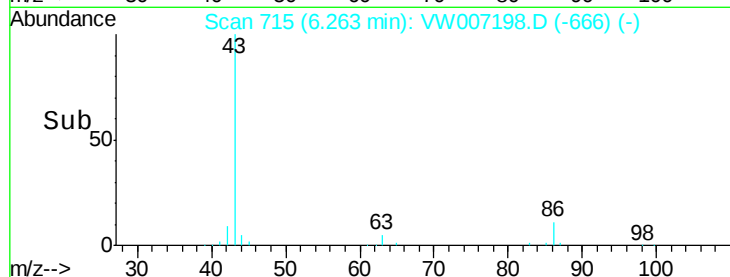
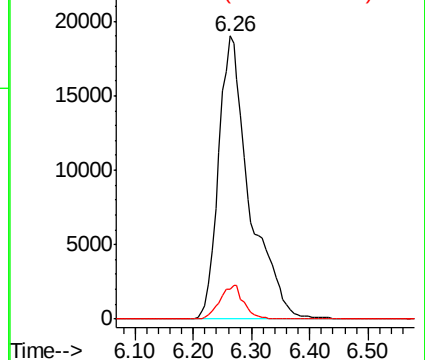
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 54.495 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

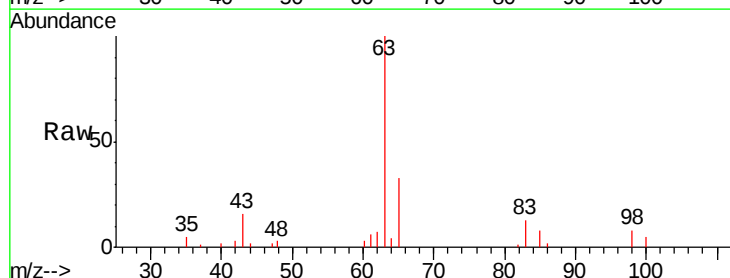
Tgt Ion: 63 Resp: 16696

Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.5

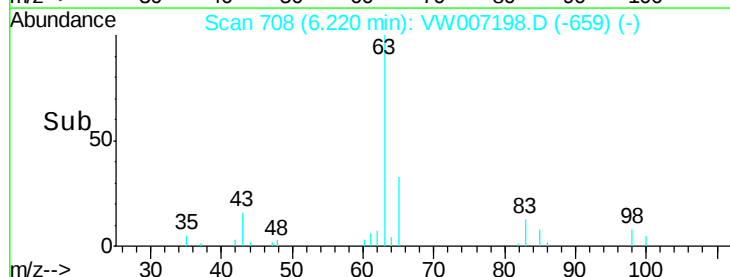
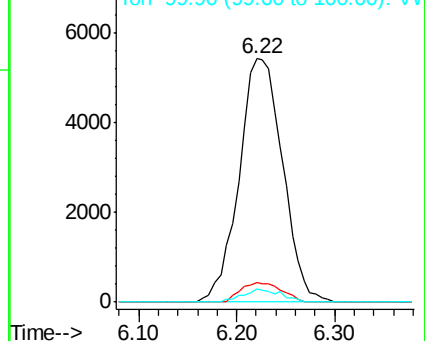
100 5.4 2.1 6.2

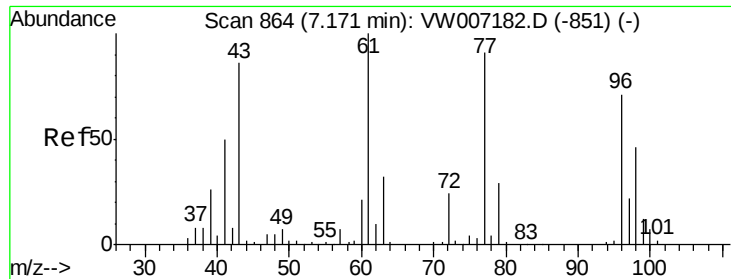


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 371.246 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion: 43 Resp: 16457

Ion Ratio Lower Upper

43 100

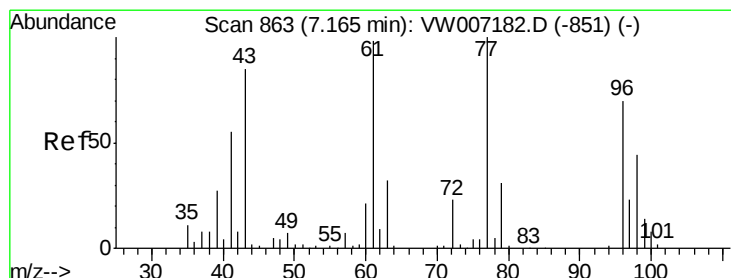
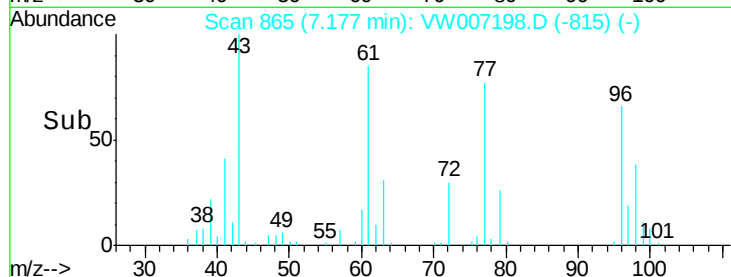
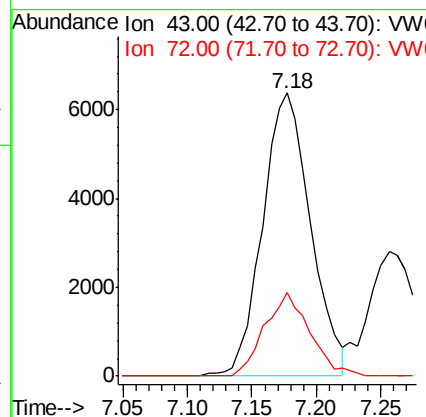
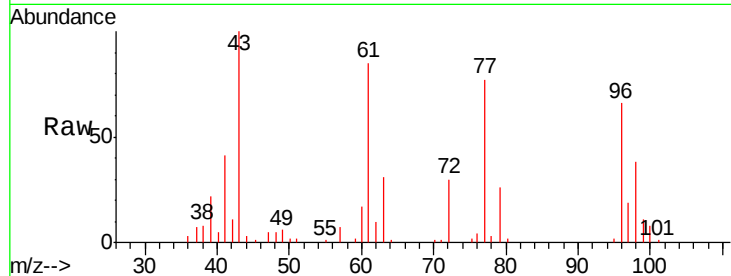
72 29.7 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 49.174 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007198.D

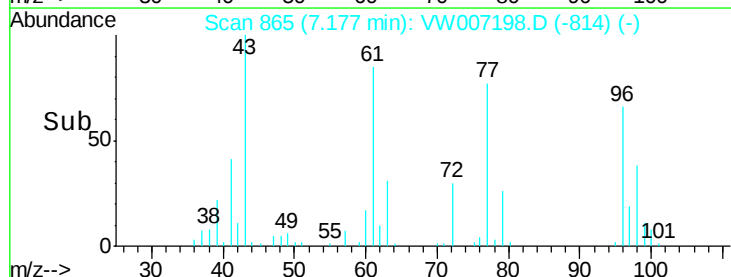
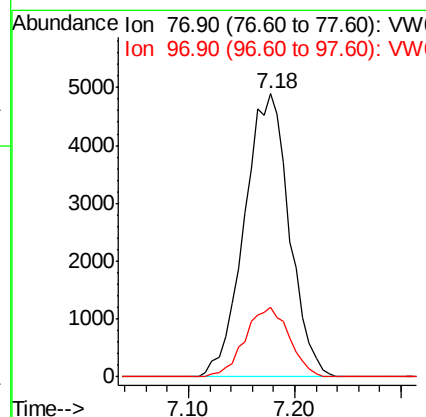
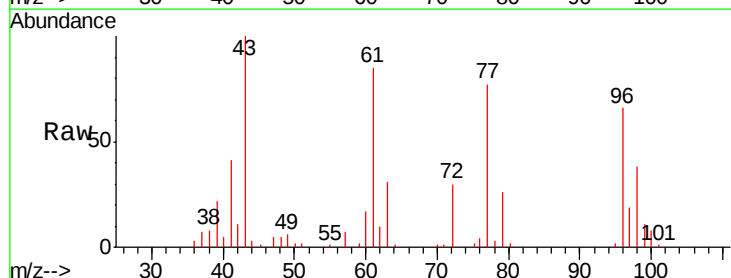
Acq: 04 Dec 2018 19:54

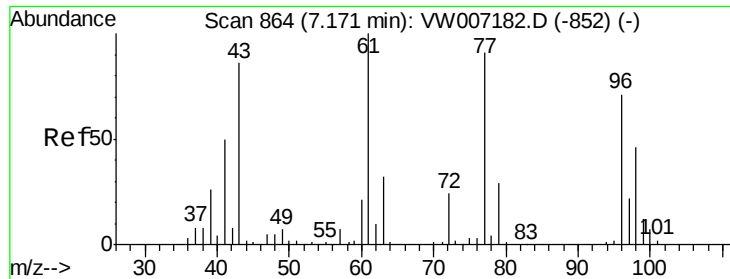
Tgt Ion: 77 Resp: 14478

Ion Ratio Lower Upper

77 100

97 24.4 11.5 34.4





#27

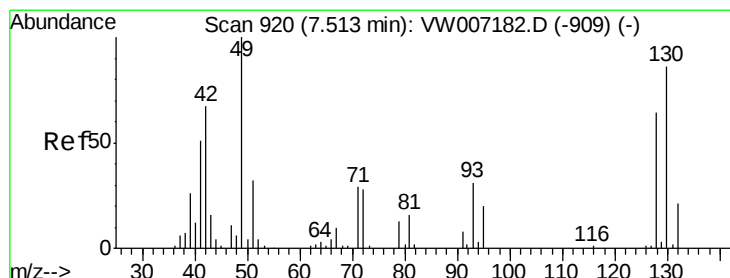
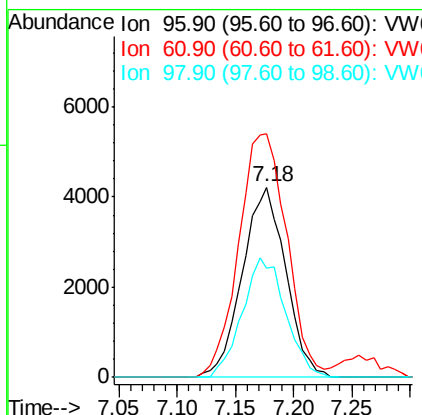
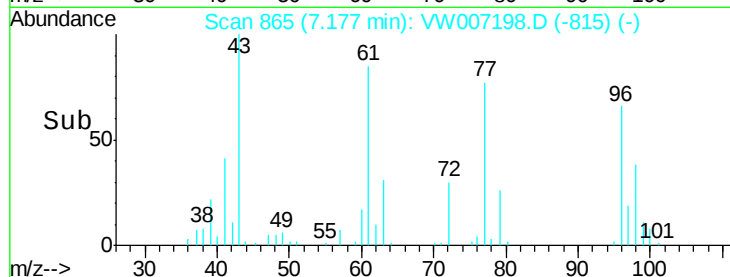
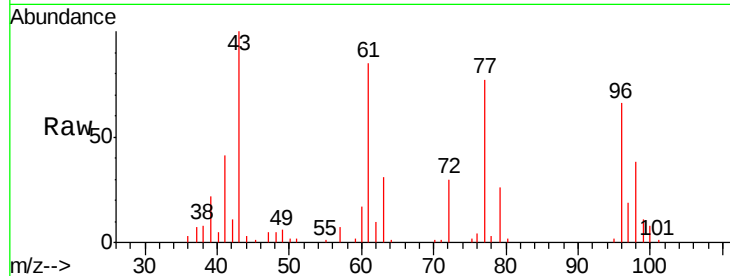
cis-1,2-Dichloroethene
Concen: 55.063 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	282.4
98	62.6	0.0	129.8

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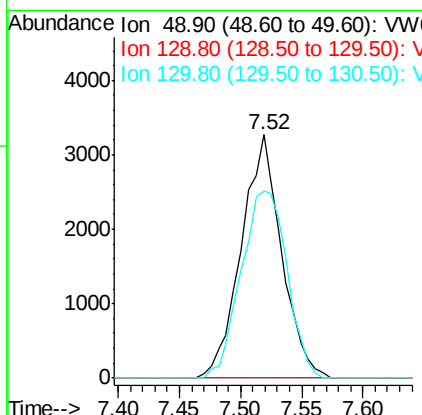
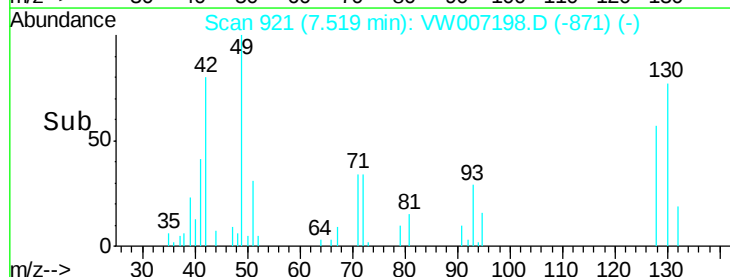
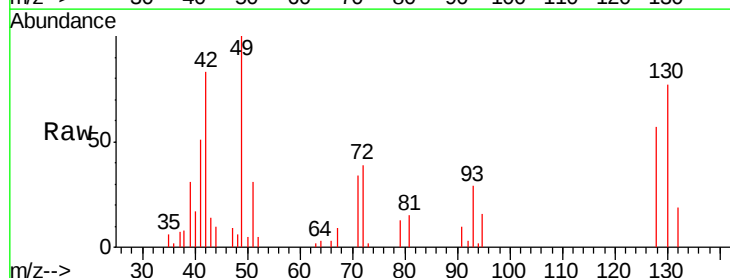
apatel
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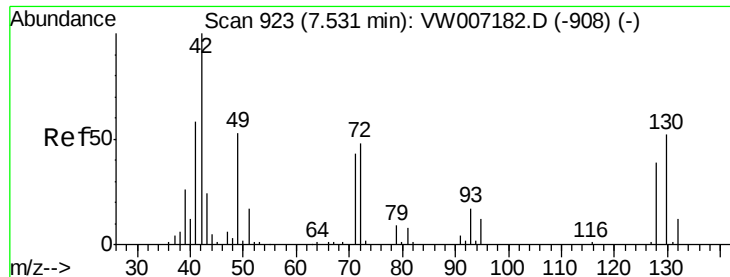


#28

Bromochloromethane
Concen: 67.573 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	87.8	70.3	105.5





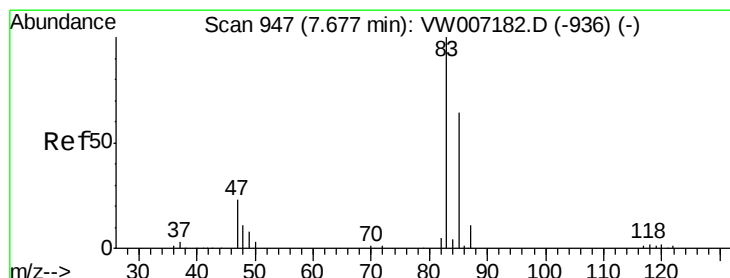
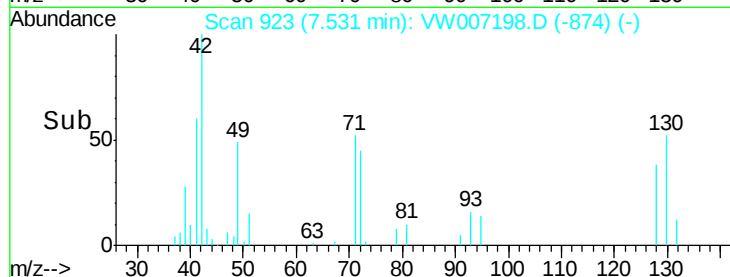
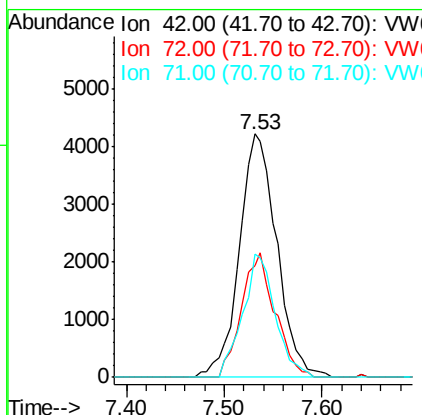
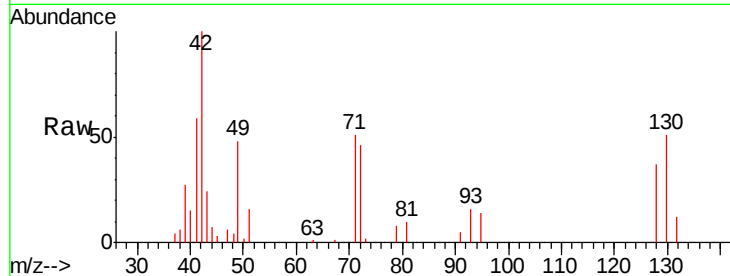
#29
Tetrahydrofuran
Concen: 409.660 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.6	55.0
71	43.9	34.8	52.2

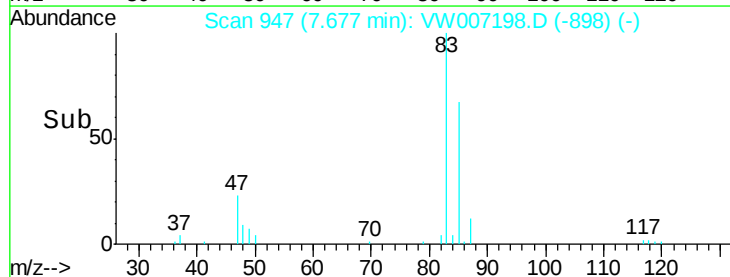
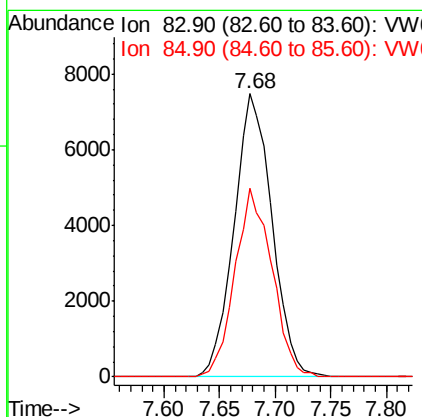
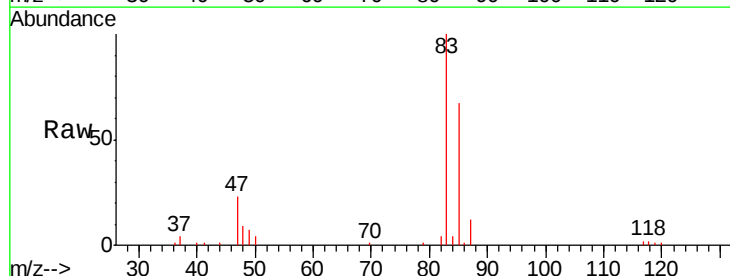
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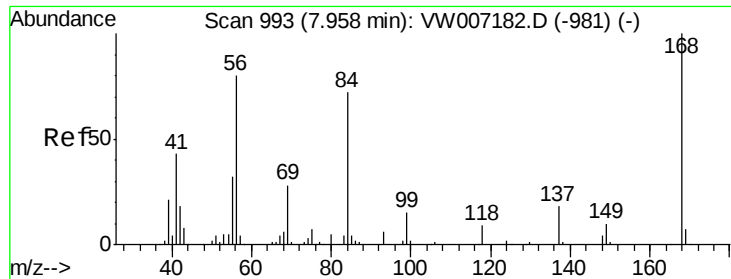
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#30
Chloroform
Concen: 55.620 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.5	77.3





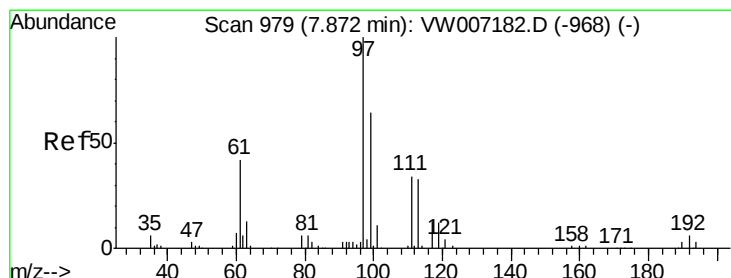
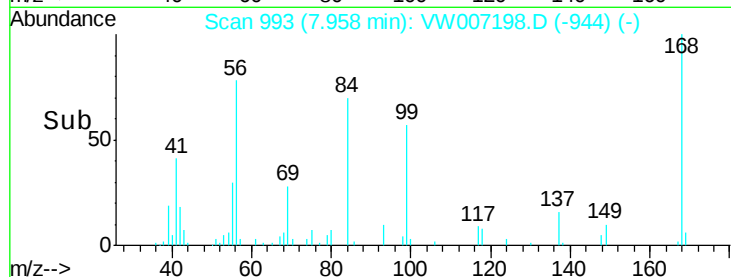
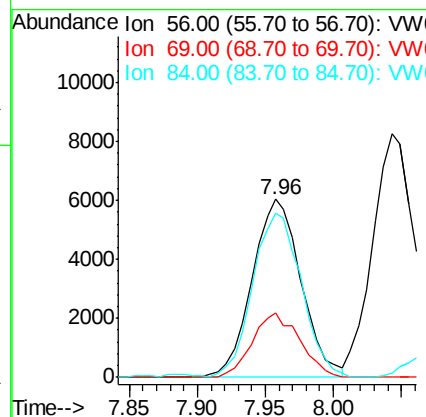
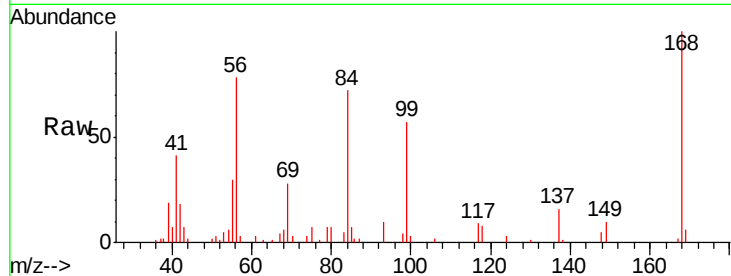
#31
Cyclohexane
Concen: 47.277 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.1	28.2	42.2
84	91.0	72.1	108.1

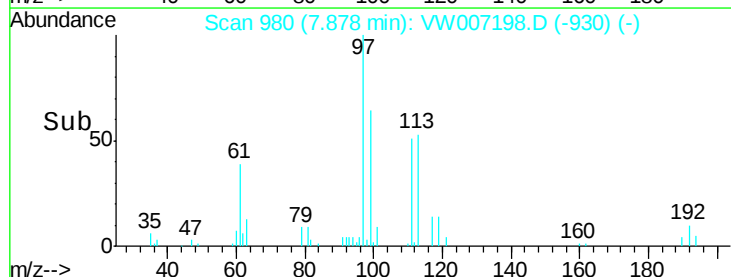
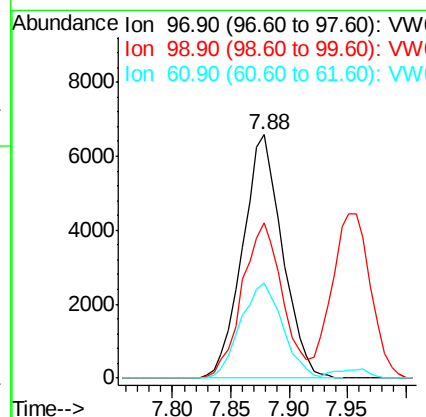
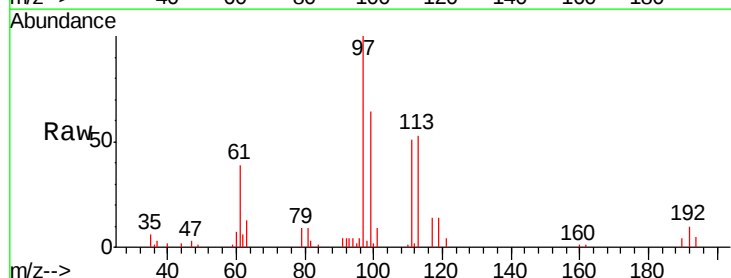
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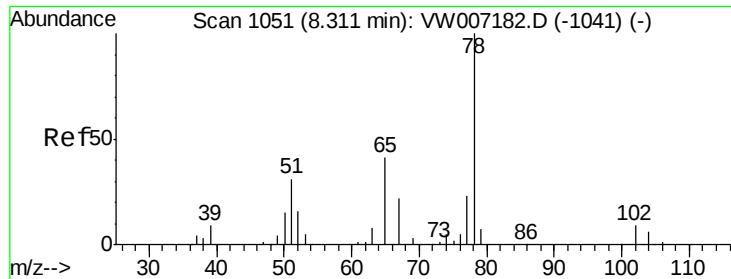
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#32
1,1,1-Trichloroethane
Concen: 52.175 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	41.2	33.2	49.8





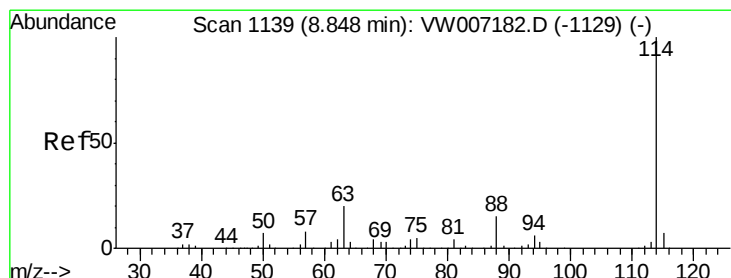
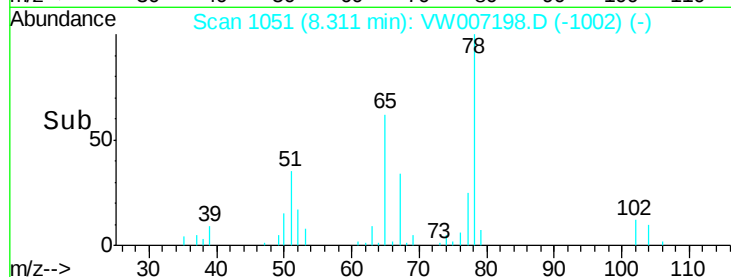
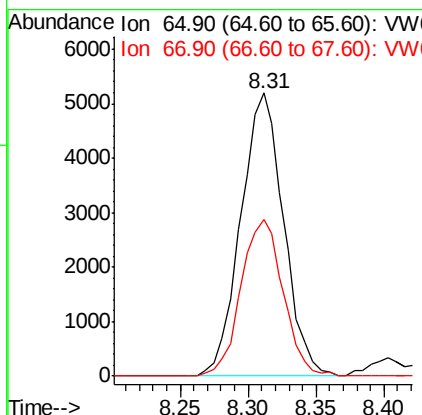
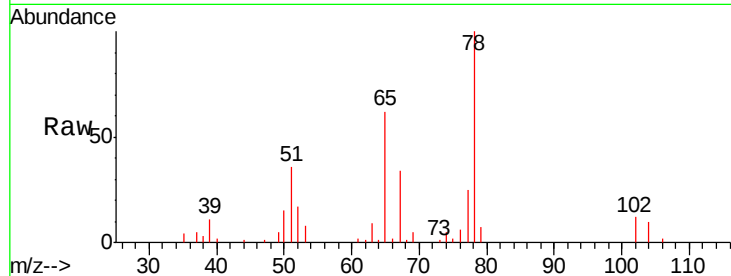
#33
 1,2-Dichloroethane-d4
 Concen: 70.765 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

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

Tgt Ion: 65 Resp: 11431
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.4

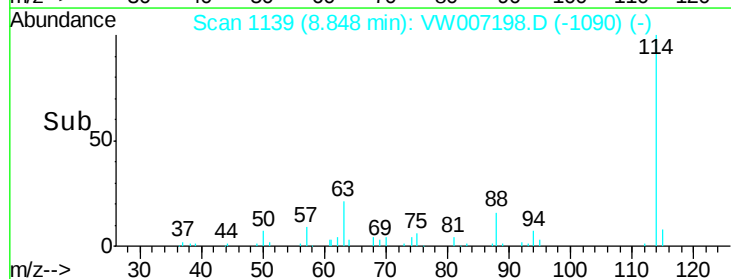
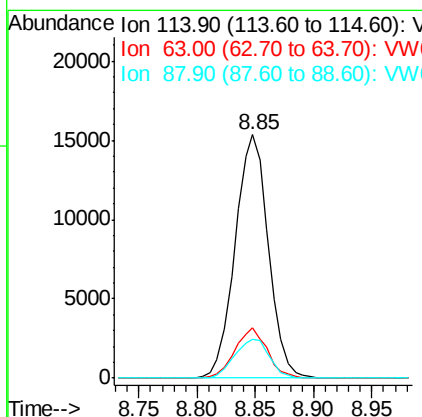
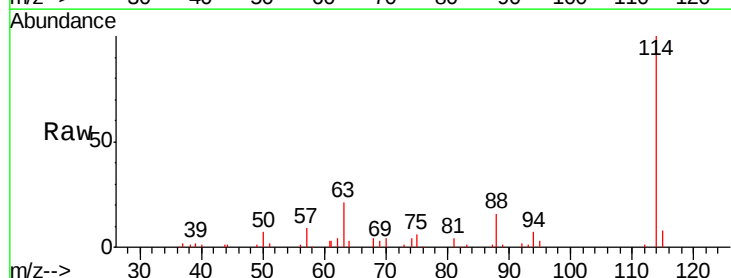
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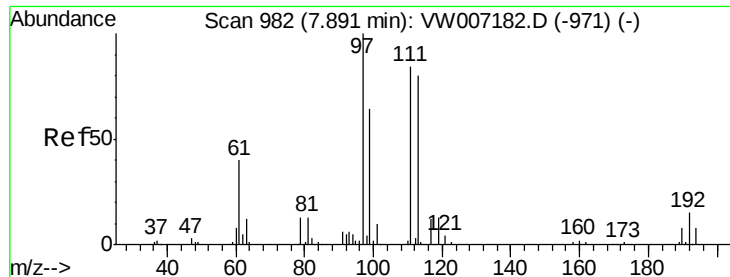
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

Tgt Ion: 114 Resp: 30476
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.2
 88 16.1 0.0 30.0





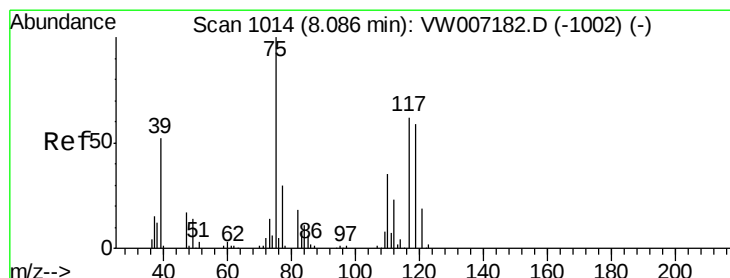
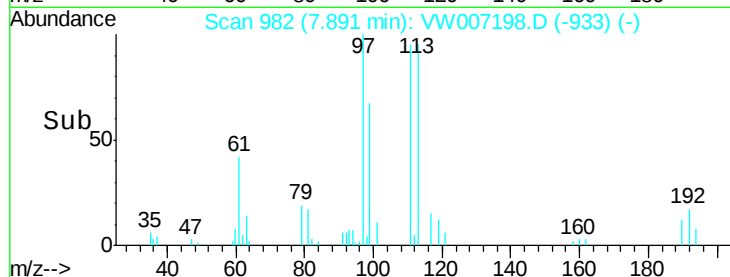
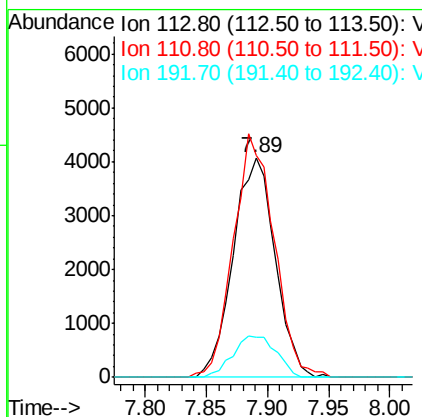
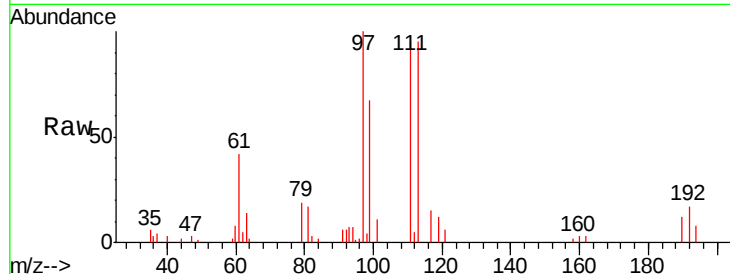
#35
 Dibromofluoromethane
 Concen: 55.586 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
113	100		
111	107.3	82.2	123.4
192	19.5	14.4	21.6

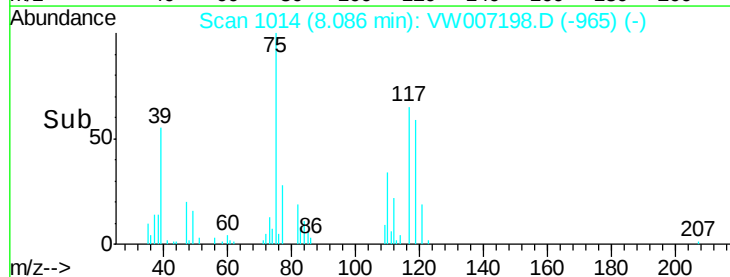
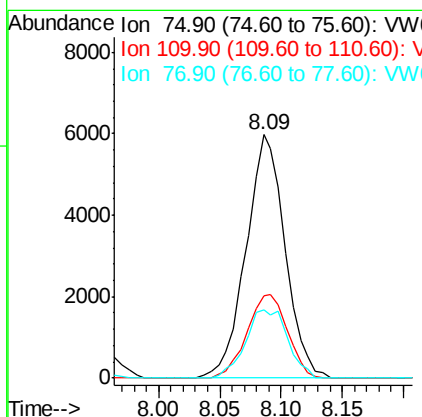
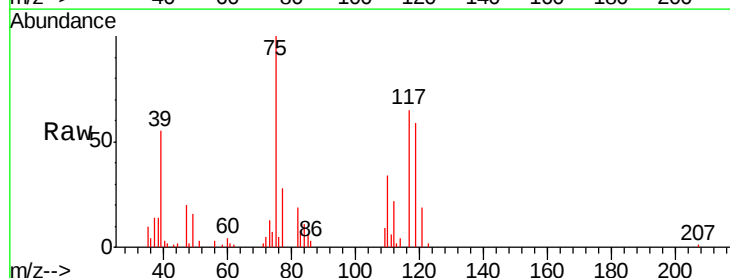
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#36
 1,1-Dichloropropene
 Concen: 44.629 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.3	54.9
77	30.5	24.9	37.3





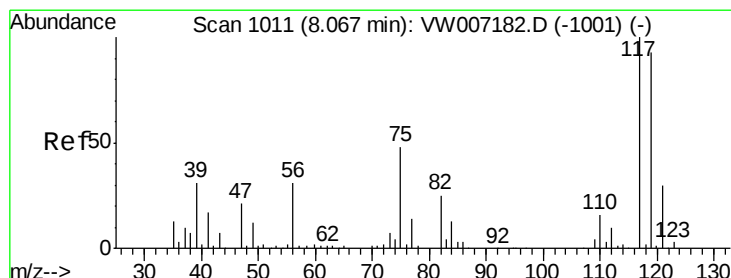
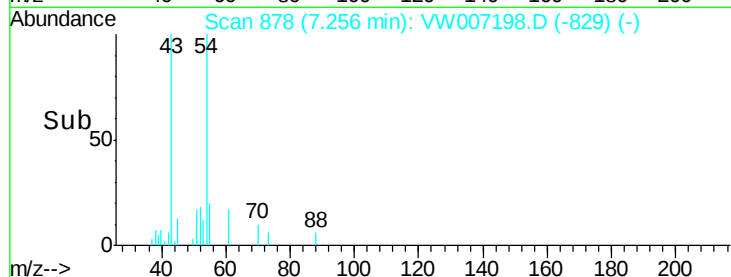
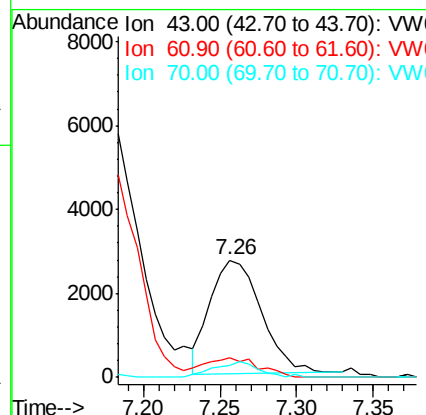
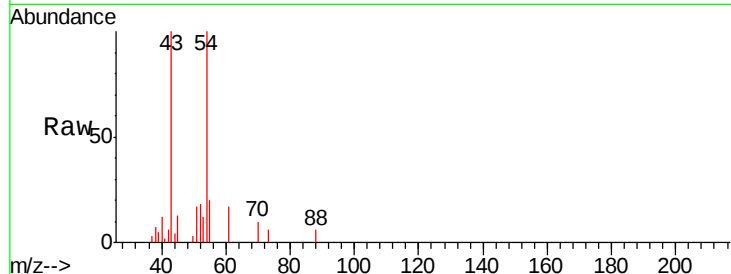
#37
Ethyl Acetate
Concen: 59.180 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.8	12.1	18.1#
70	11.9	9.1	13.7

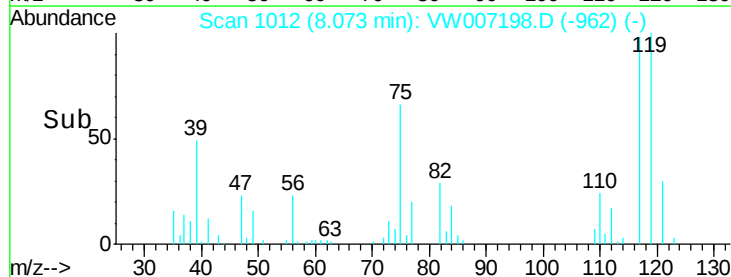
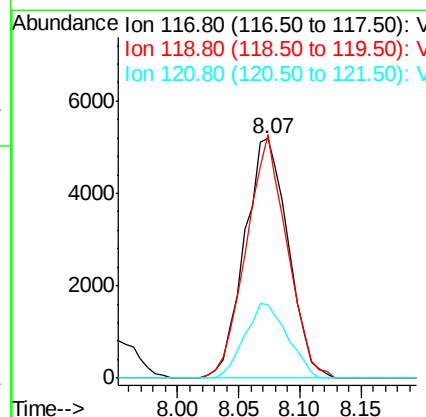
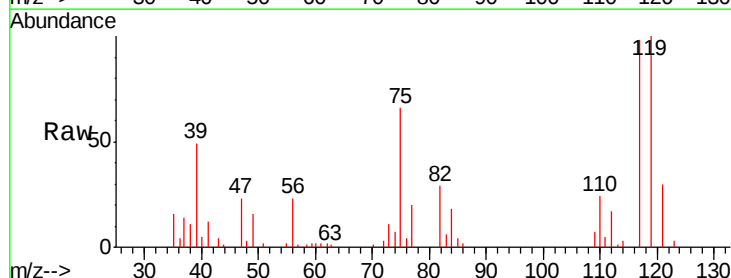
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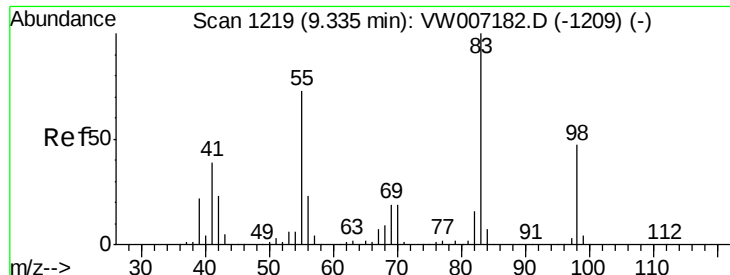
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#38
Carbon Tetrachloride
Concen: 42.433 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.6	74.1	111.1
121	30.4	23.9	35.9





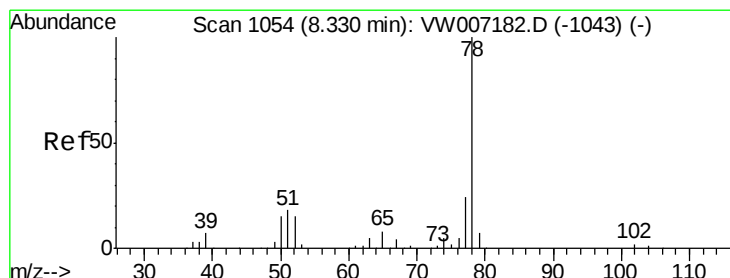
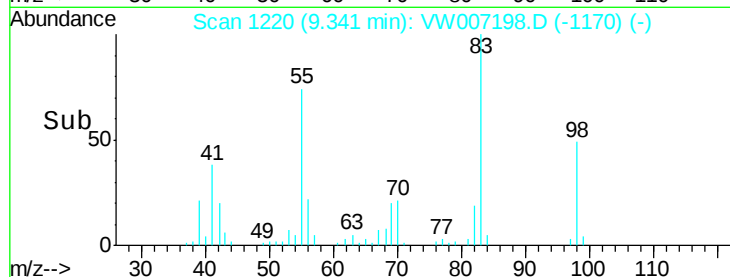
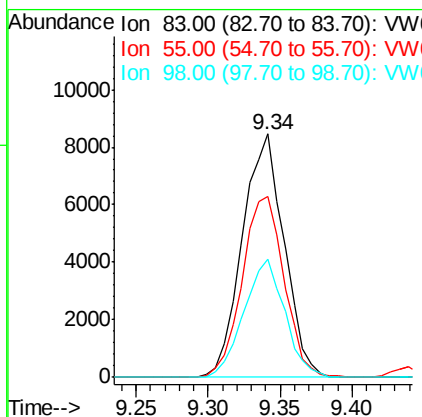
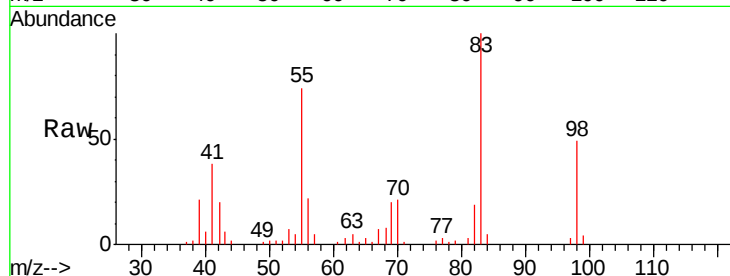
#39
Methylcyclohexane
Concen: 42.734 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	16964		
55	74.1	58.1	87.1	
98	48.6	37.3	55.9	

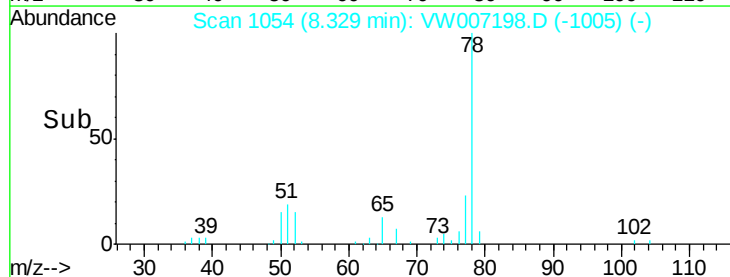
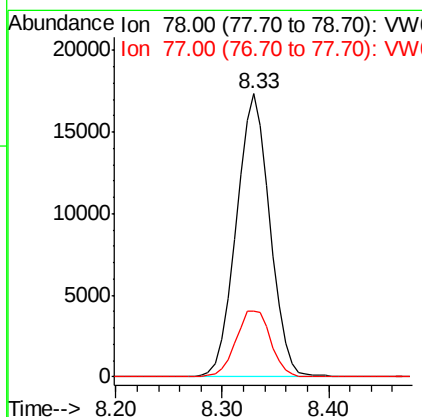
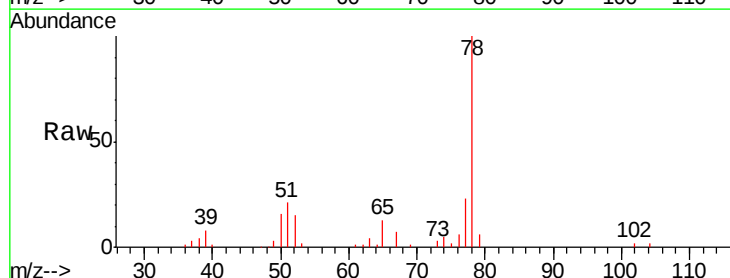
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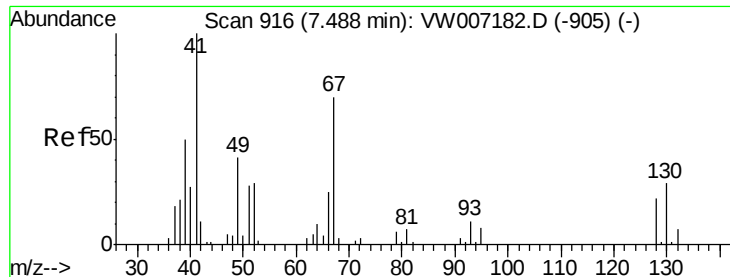
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#40
Benzene
Concen: 47.098 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	38297		
77	23.0	18.9	28.3	





#41

Methacrylonitrile

Concen: 71.908 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

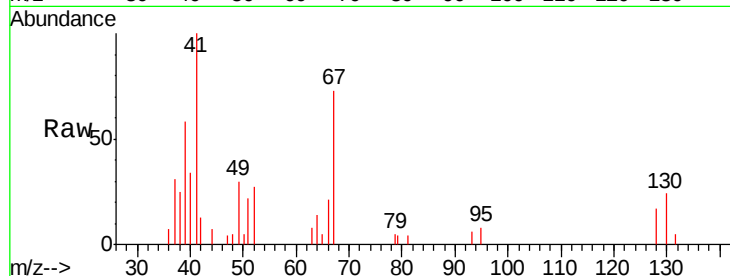
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

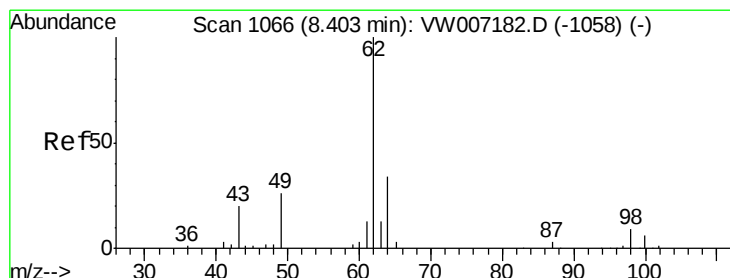
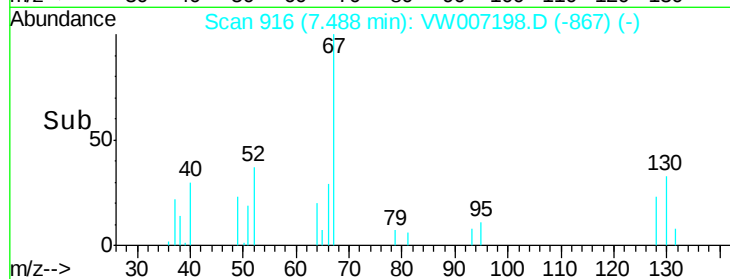
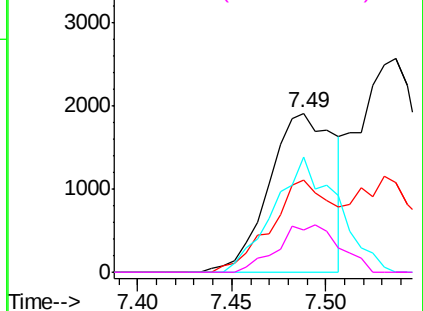
Tgt Ion:	41	Resp:	4620
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.4	65.0
67	70.8	57.4	86.0
52	28.1	23.3	34.9

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Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 60.980 ug/l

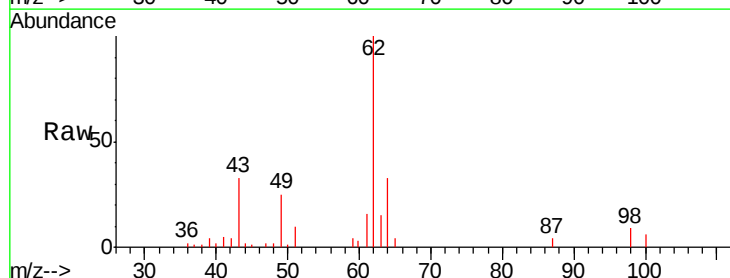
RT: 8.41 min Scan# 1067

Delta R.T. 0.01 min

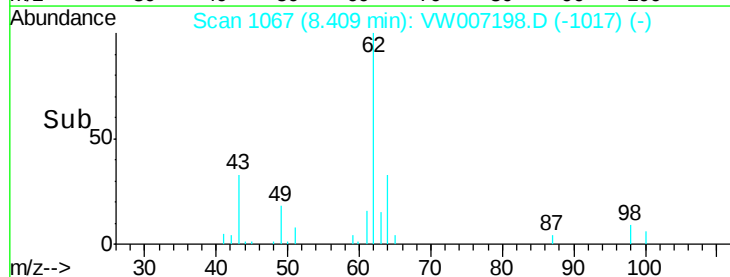
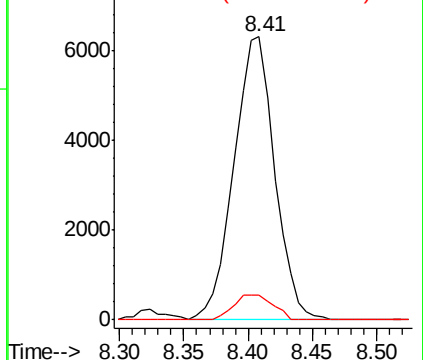
Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Tgt Ion:	62	Resp:	13858
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 68.046 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

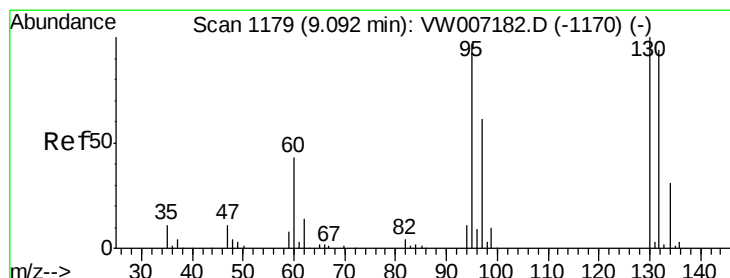
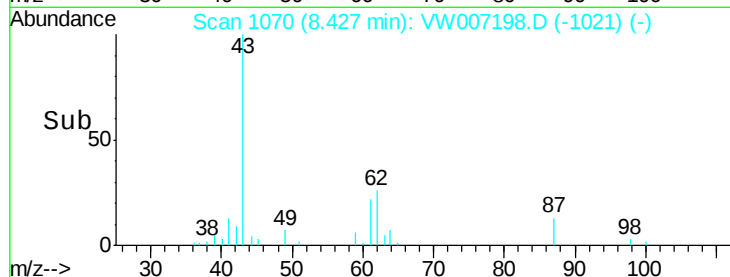
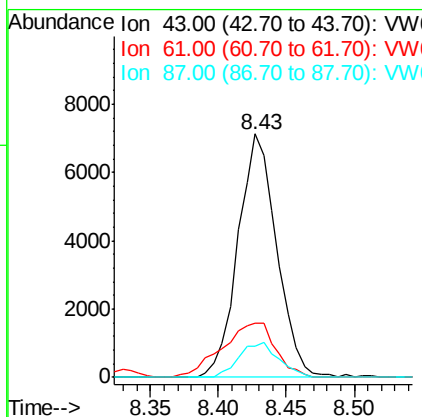
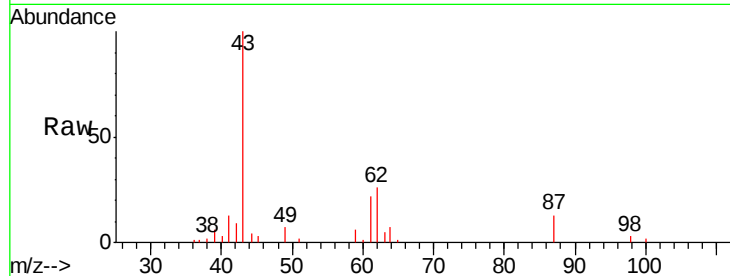
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	43	Resp:	14176
Ion	Ratio	Lower	Upper
43	100		
61	30.9	25.4	38.0
87	14.6	11.4	17.0

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#44

Trichloroethene

Concen: 48.275 ug/l

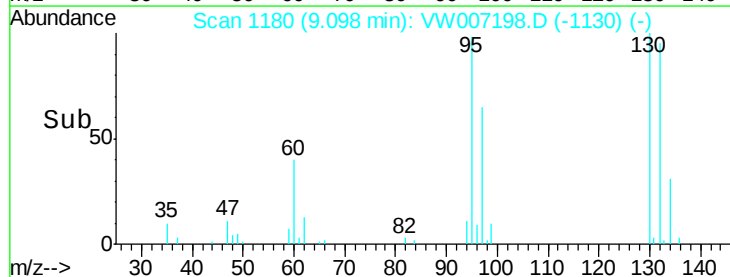
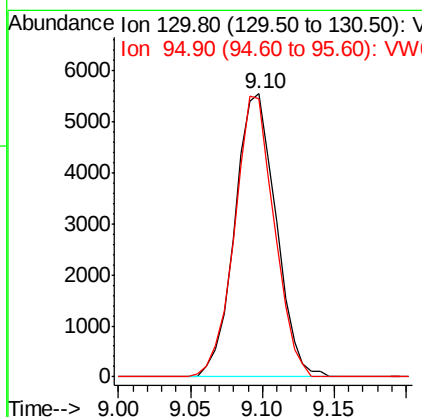
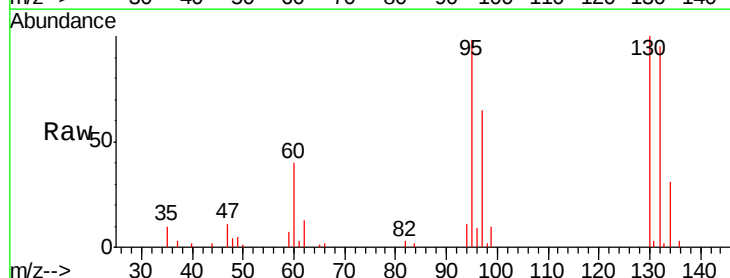
RT: 9.10 min Scan# 1180

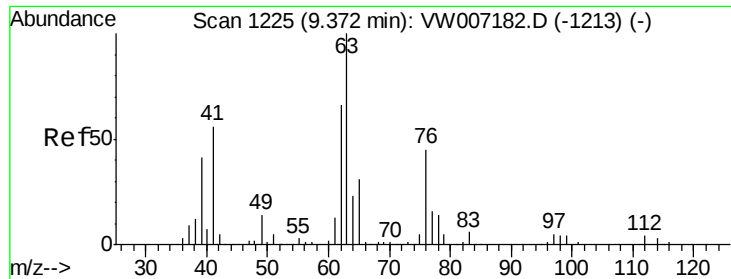
Delta R.T. 0.01 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Tgt Ion:	130	Resp:	11034
Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	194.0





#45

1,2-Dichloropropane

Concen: 54.655 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion: 63 Resp: 10342

Ion Ratio Lower Upper

63 100

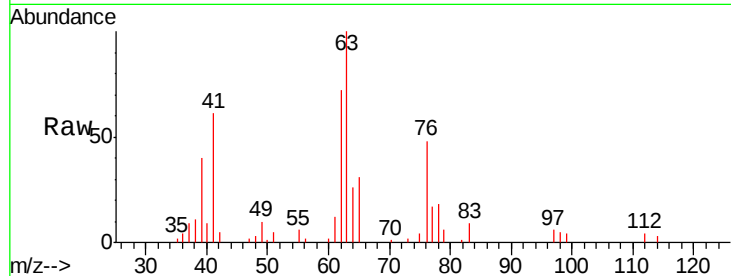
65 30.7 25.0 37.4

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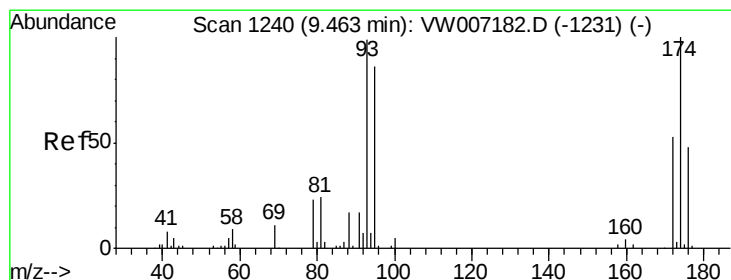
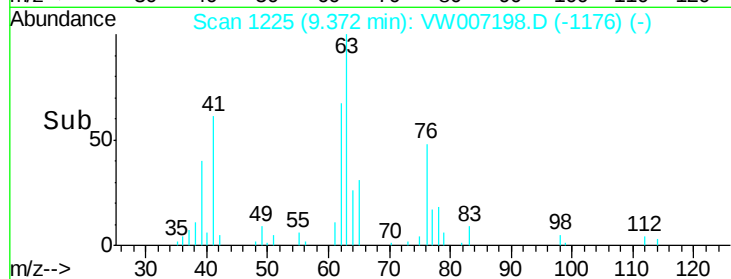
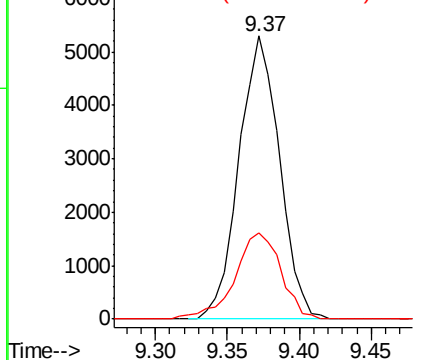
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 62.862 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

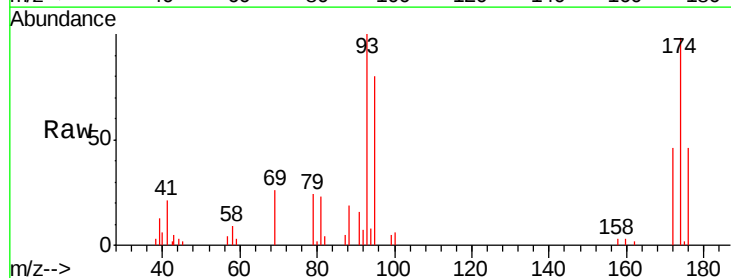
Tgt Ion: 93 Resp: 6181

Ion Ratio Lower Upper

93 100

95 80.8 68.7 103.1

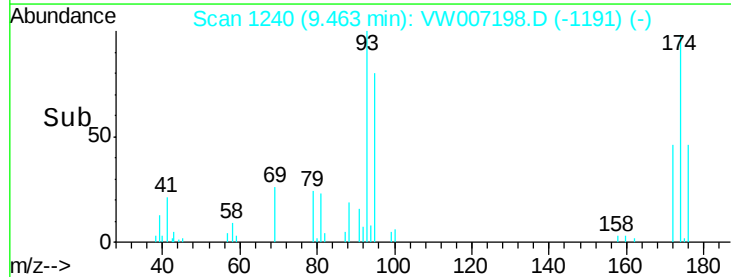
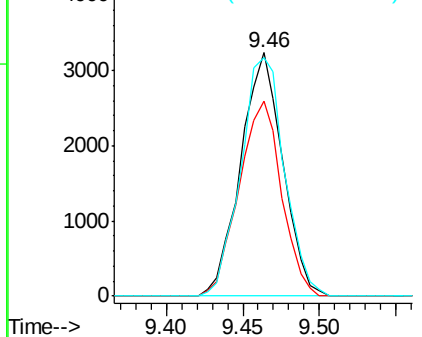
174 101.9 82.9 124.3

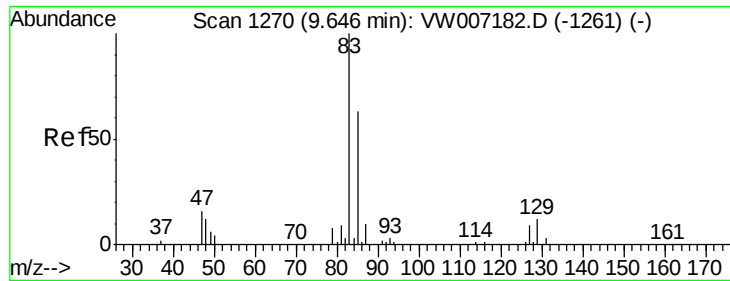


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.004 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

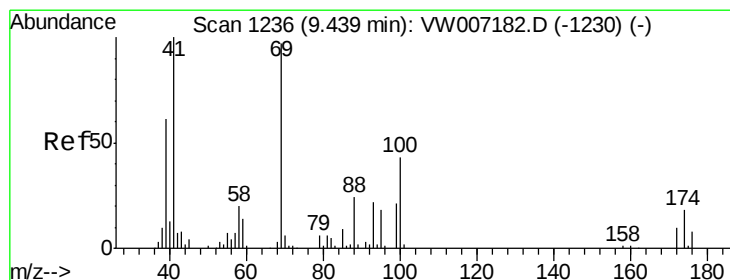
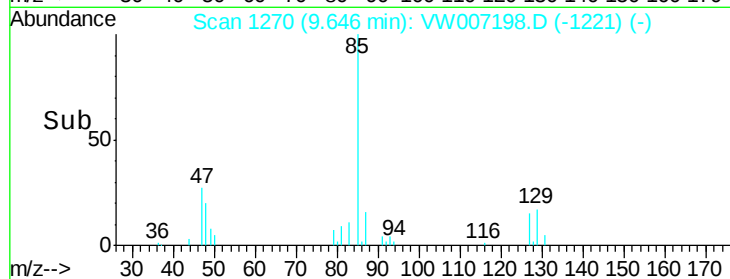
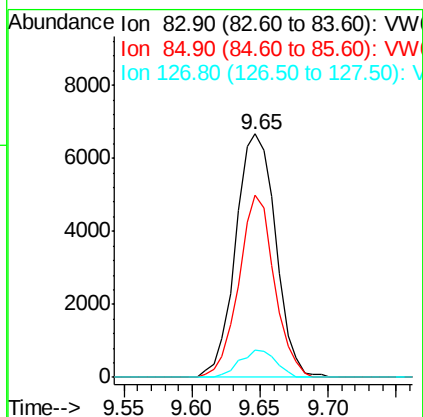
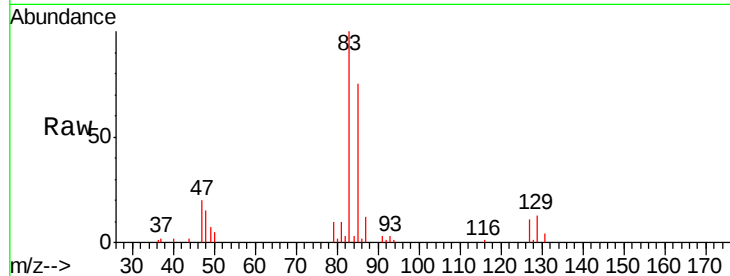
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	83	Resp:	13709
Ion	Ratio	Lower	Upper
83	100		
85	74.9	50.6	76.0
127	11.0	7.3	10.9#

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#48

Methyl methacrylate

Concen: 68.763 ug/l

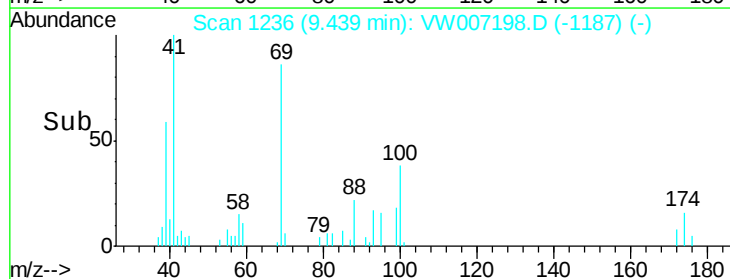
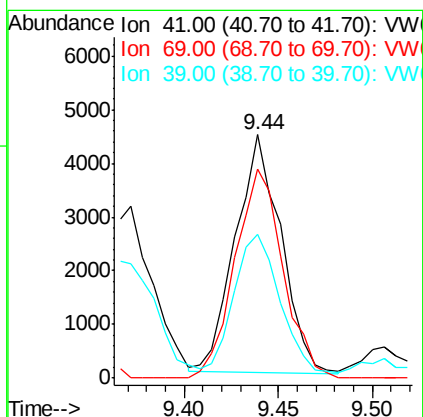
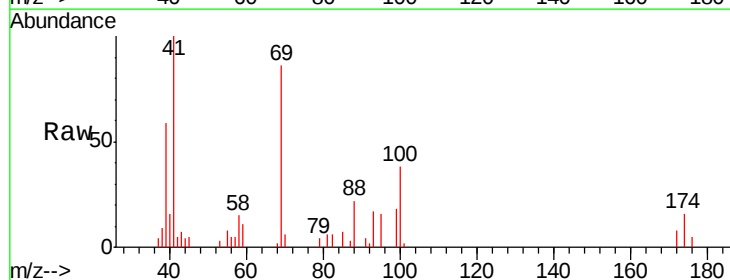
RT: 9.44 min Scan# 1236

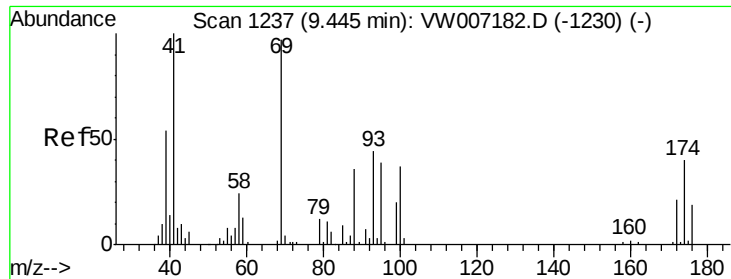
Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Tgt Ion:	41	Resp:	7435
Ion	Ratio	Lower	Upper
41	100		
69	92.5	69.6	104.4
39	58.7	42.4	63.6





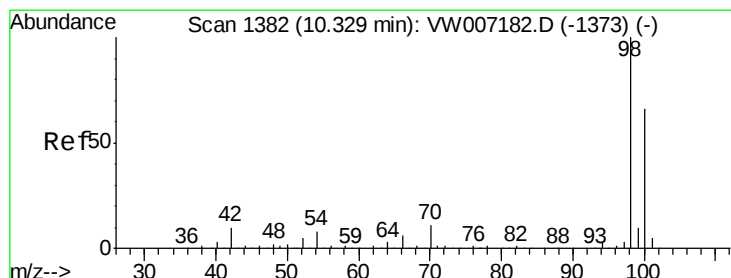
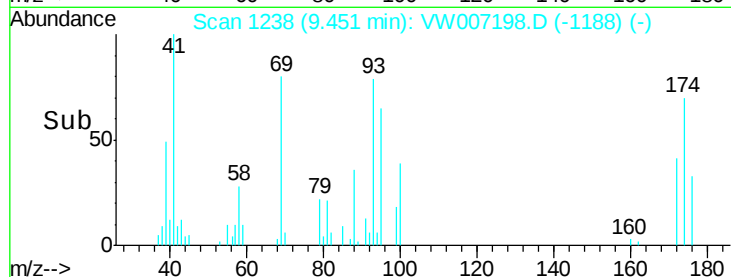
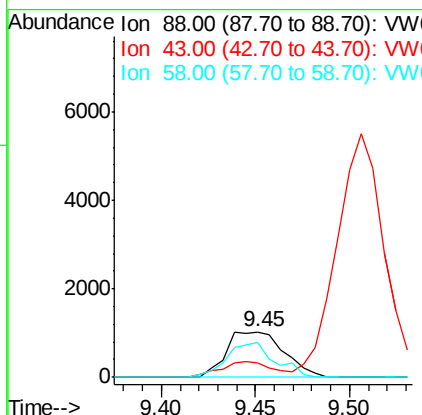
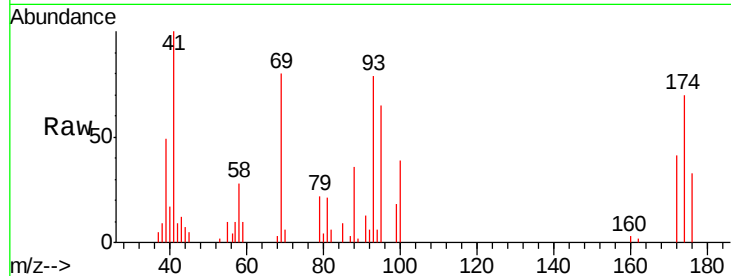
#49
1,4-Dioxane
Concen: 1268.586 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.8	38.8
58	64.4	58.9	88.3

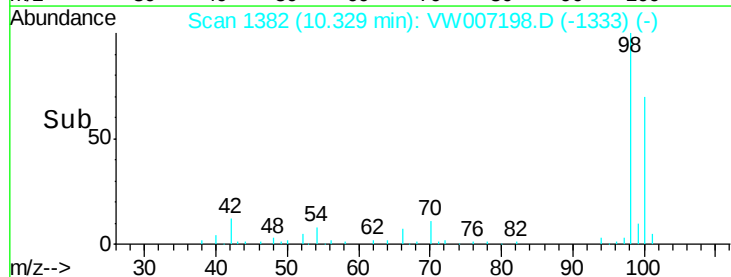
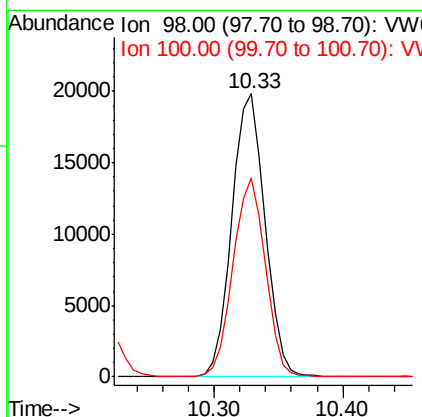
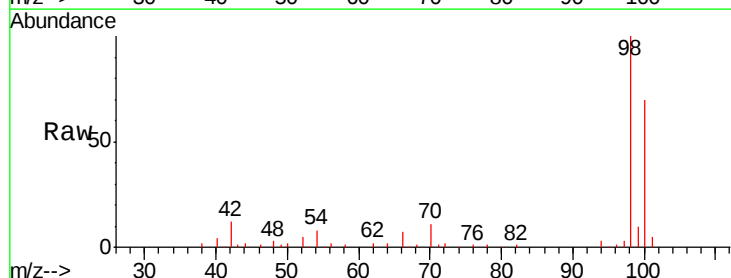
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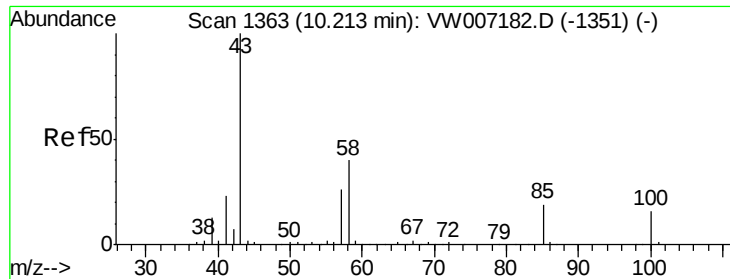
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#50
Toluene-d8
Concen: 46.309 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.3	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 369.862 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion: 43 Resp: 37972

Ion Ratio Lower Upper

43 100

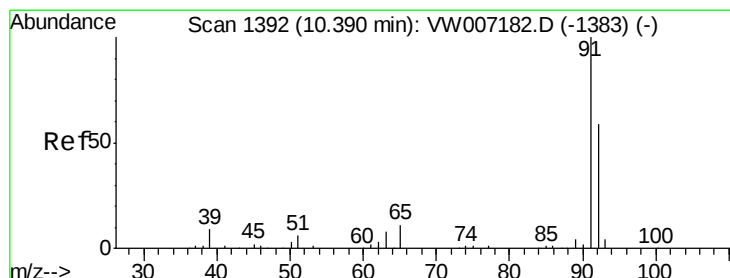
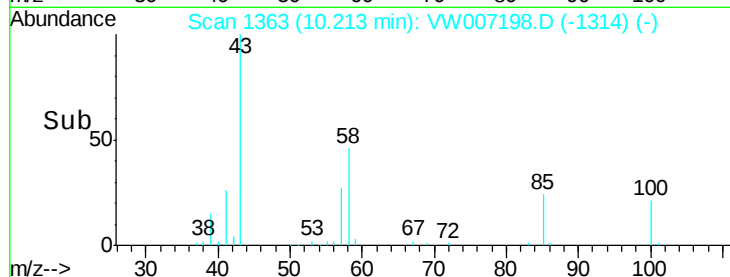
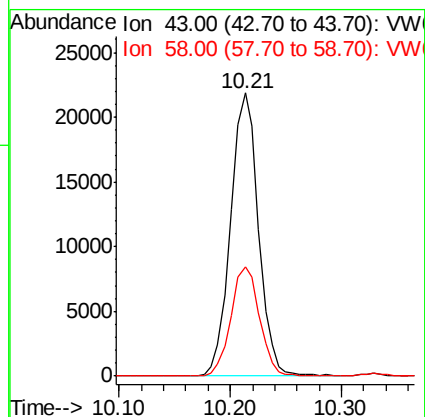
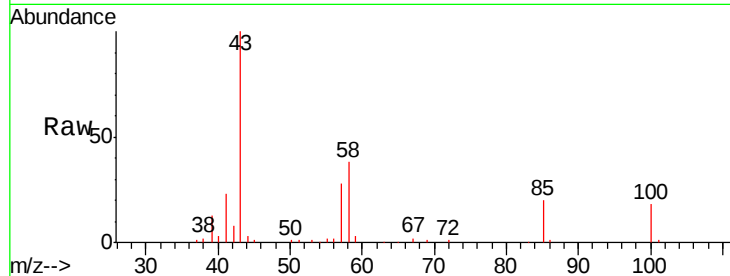
58 39.6 32.3 48.5

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#52

Toluene

Concen: 45.473 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007198.D

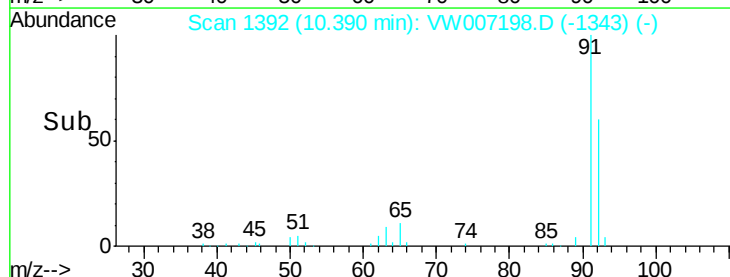
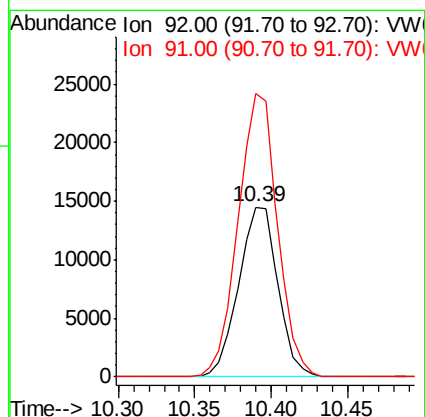
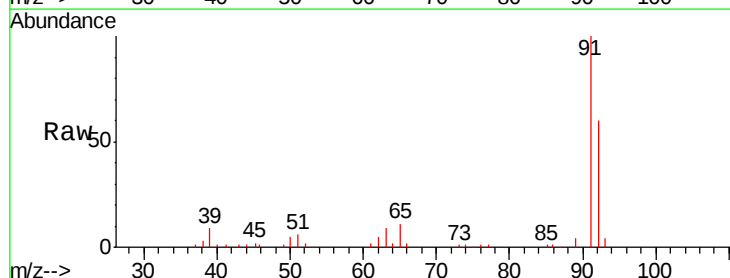
Acq: 04 Dec 2018 19:54

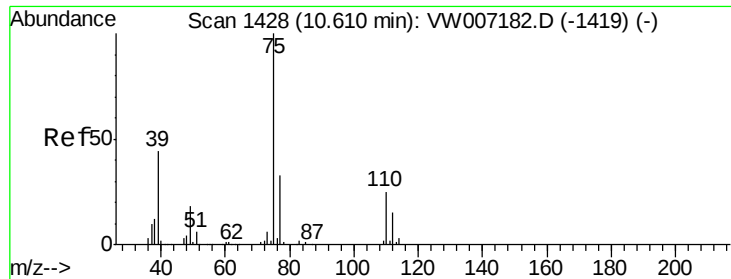
Tgt Ion: 92 Resp: 25721

Ion Ratio Lower Upper

92 100

91 167.6 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 62.065 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion: 75 Resp: 16139

Ion Ratio Lower Upper

75 100

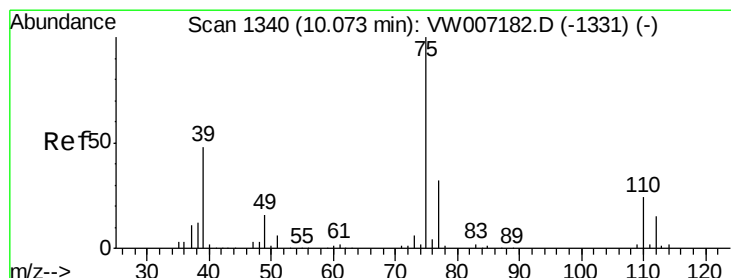
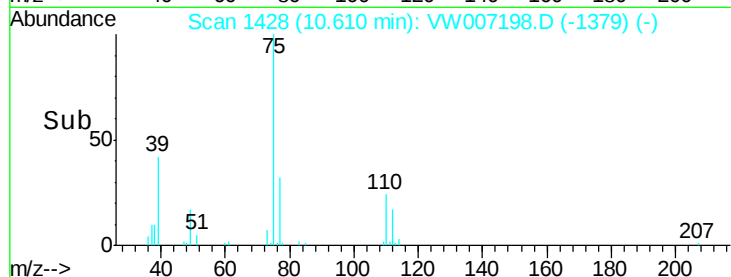
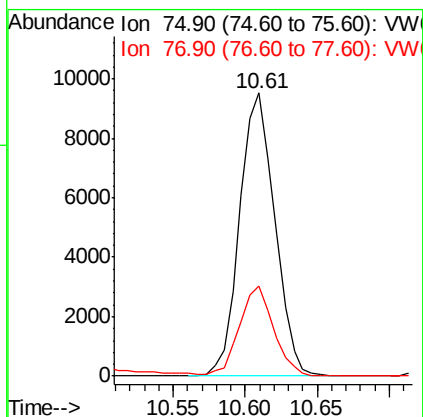
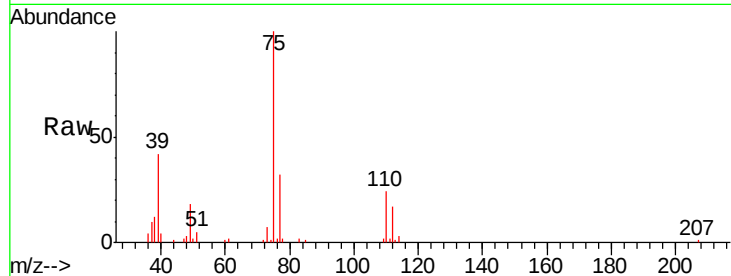
77 31.6 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 55.378 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

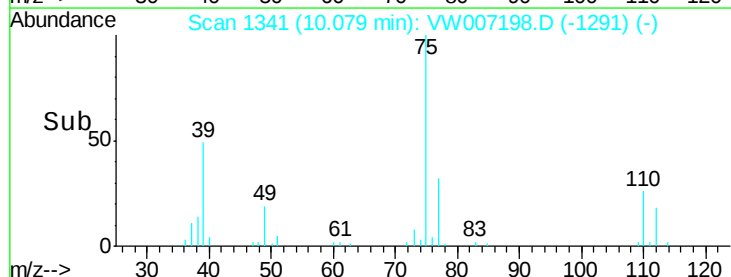
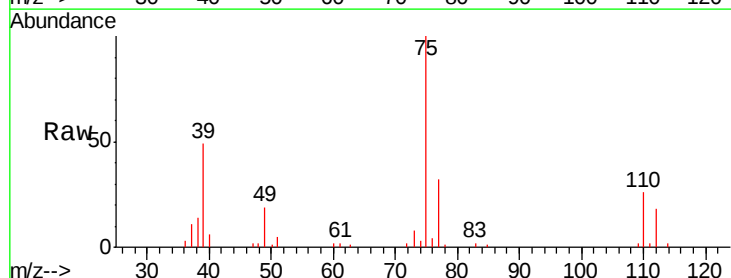
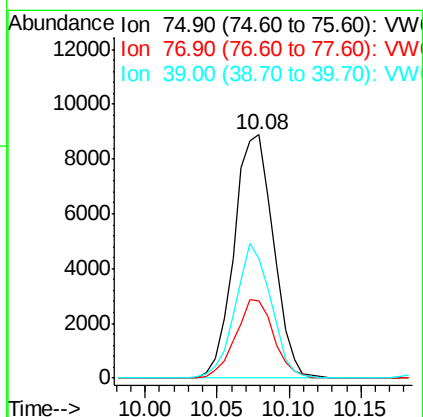
Tgt Ion: 75 Resp: 16876

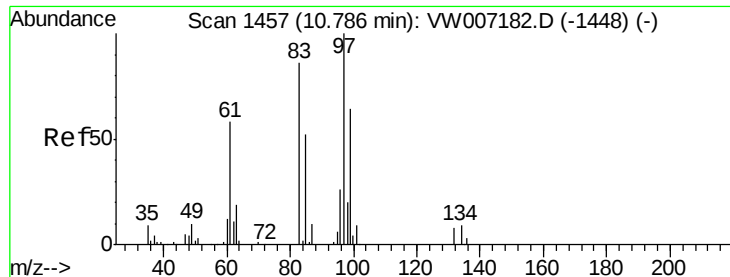
Ion Ratio Lower Upper

75 100

77 31.6 26.0 39.0

39 49.1 38.0 57.0





#55

1,1,2-Trichloroethane

Concen: 66.887 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

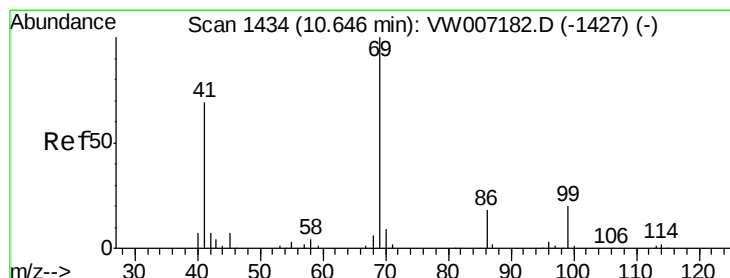
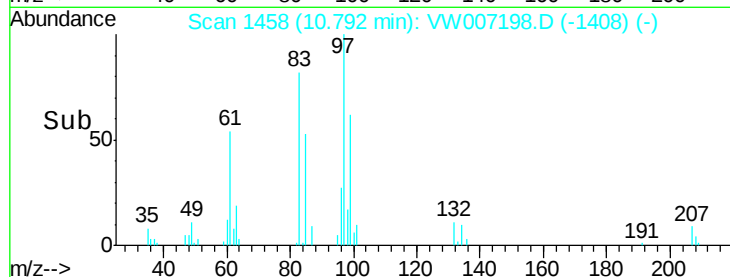
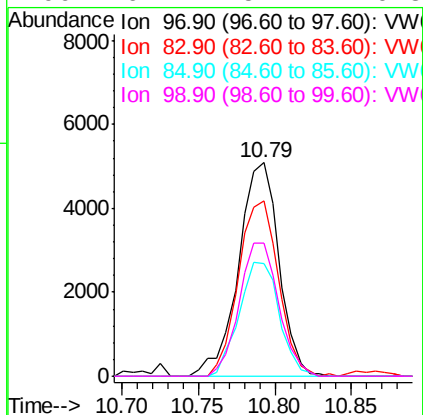
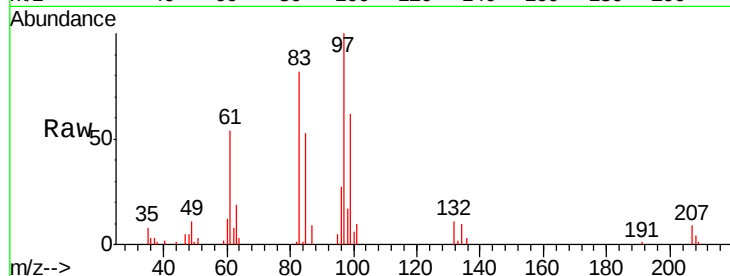
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	97	Resp:	9355
Ion	Ratio	Lower	Upper
97	100		
83	82.2	68.6	102.8
85	52.6	41.4	62.2
99	62.1	51.2	76.8

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#56

Ethyl methacrylate

Concen: 57.635 ug/l

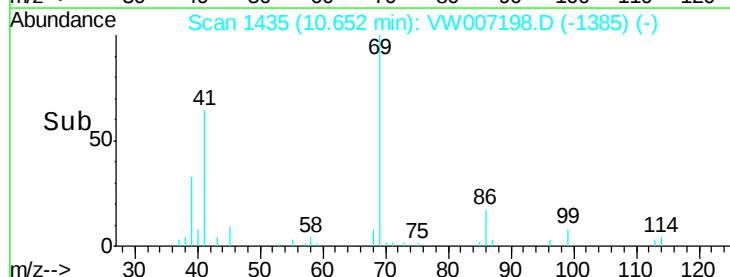
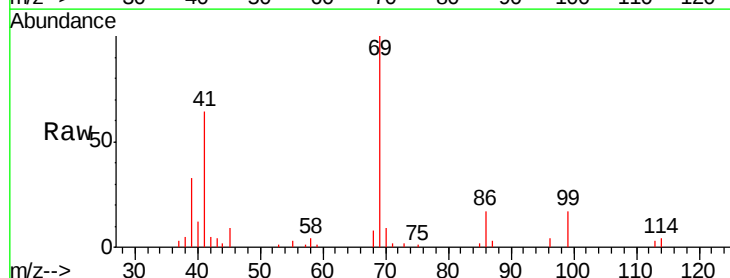
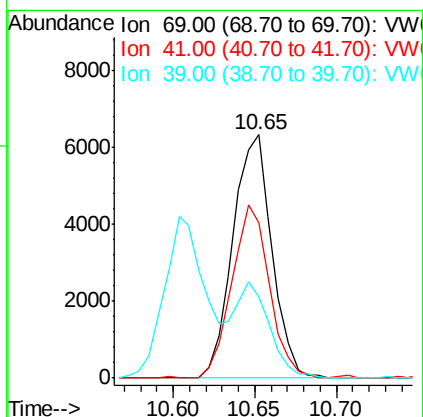
RT: 10.65 min Scan# 1435

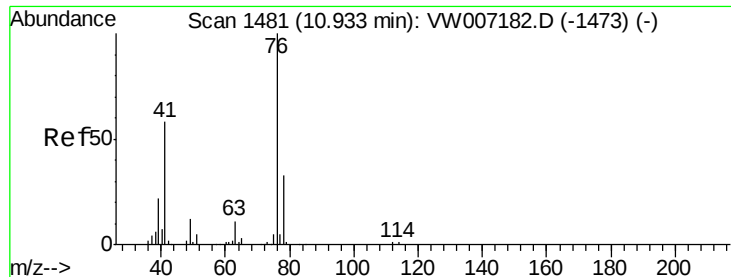
Delta R.T. 0.01 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Tgt Ion:	69	Resp:	10515
Ion	Ratio	Lower	Upper
69	100		
41	68.6	51.8	77.6
39	32.6	28.7	43.1





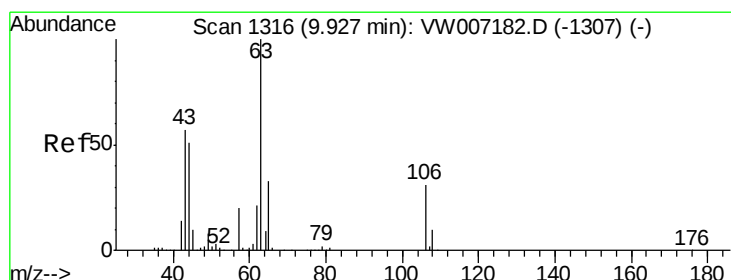
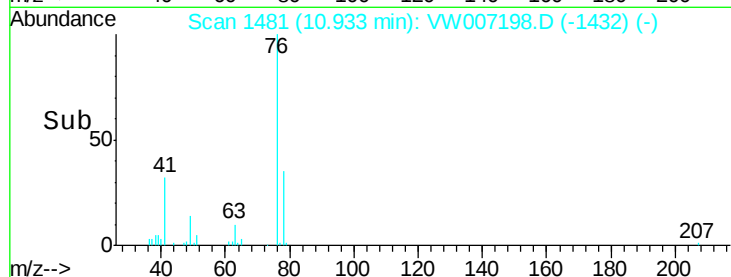
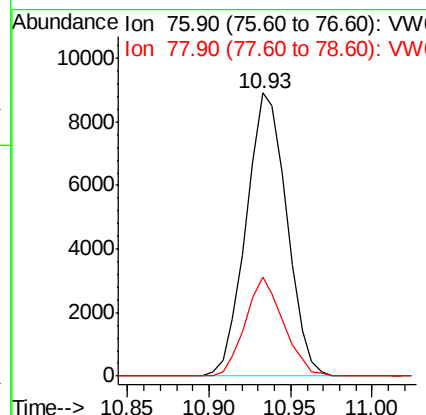
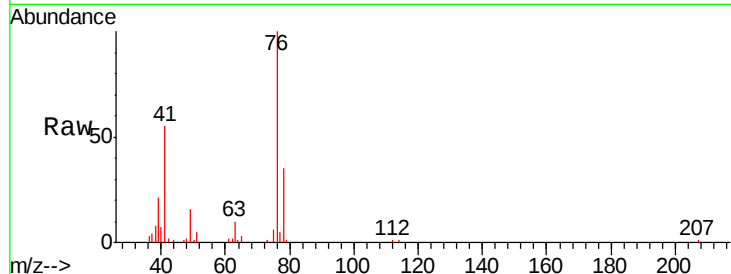
#57
 1,3-Dichloropropane
 Concen: 65.609 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

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

Tgt Ion: 76 Resp: 15492
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.6 40.0

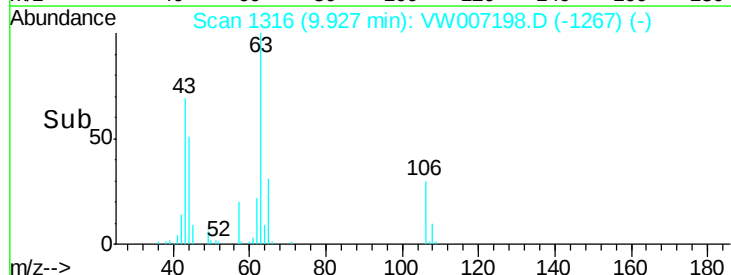
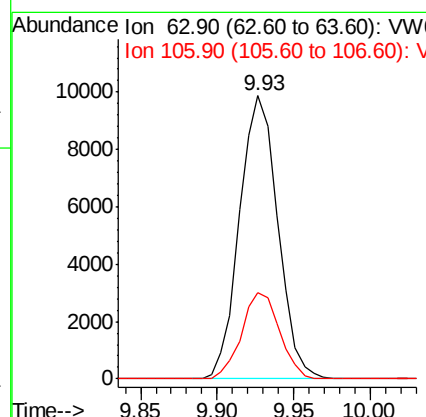
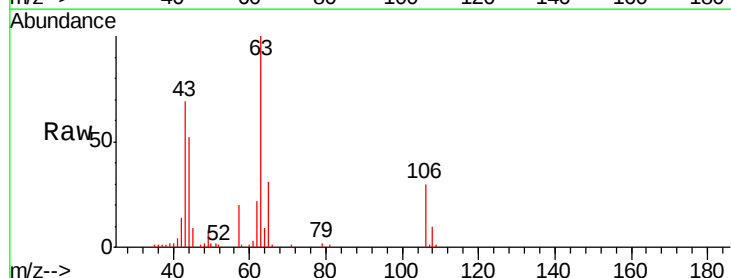
Manual Integrations
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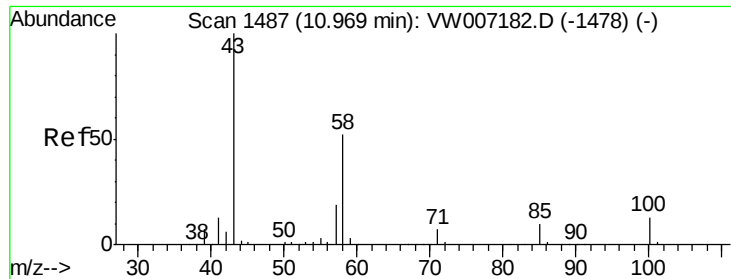
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#58
 2-Chloroethyl Vinyl ether
 Concen: 234.294 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

Tgt Ion: 63 Resp: 17169
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.1 36.1





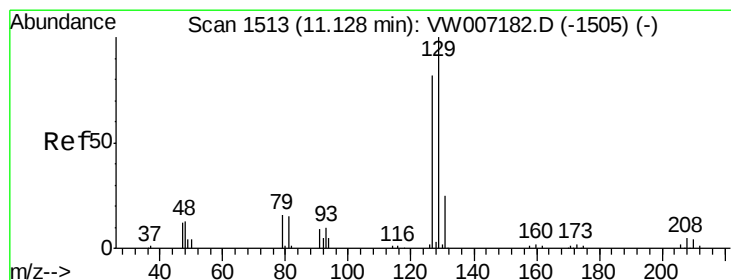
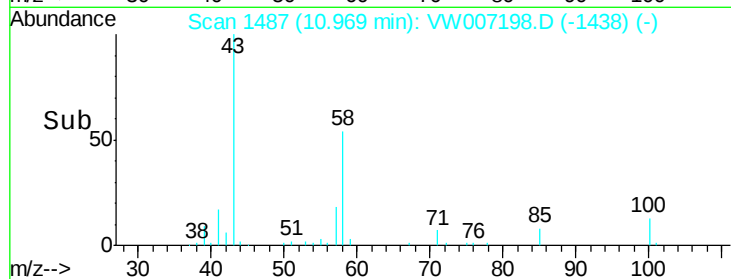
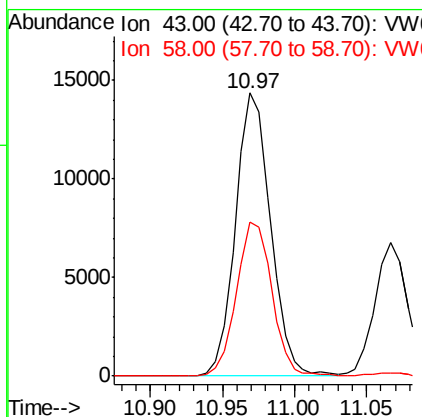
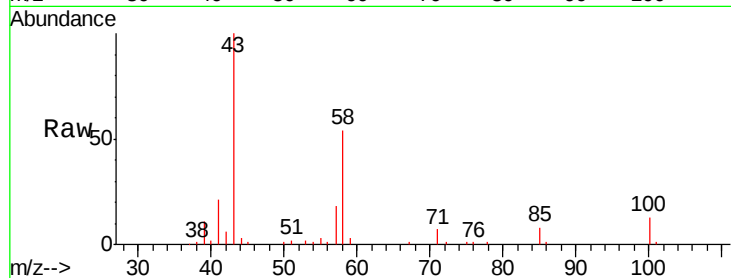
#59
2-Hexanone
Concen: 327.650 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion: 43 Resp: 24385
Ion Ratio Lower Upper
43 100
58 54.9 28.1 84.4

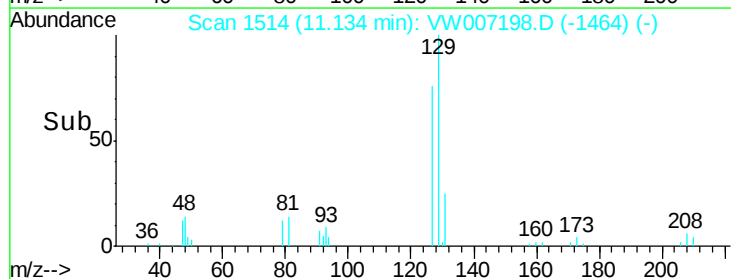
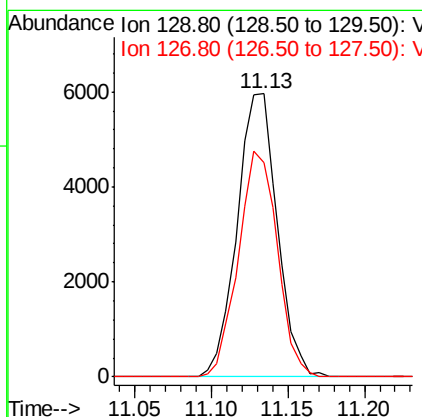
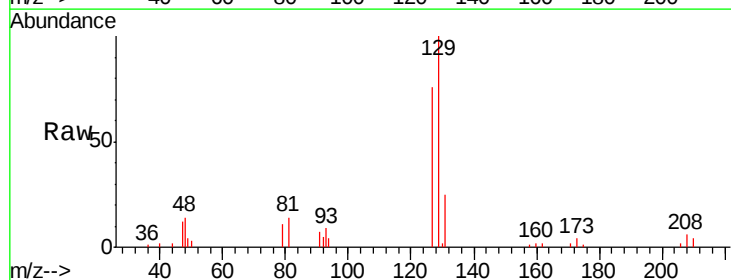
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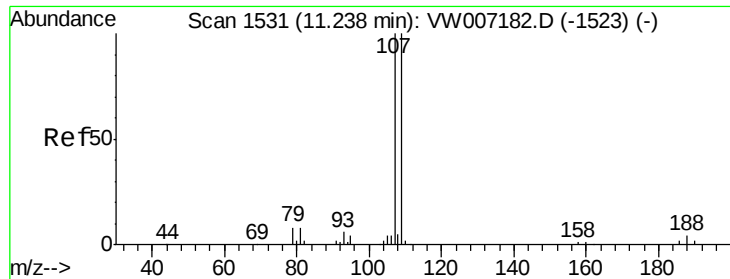
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#60
Dibromochloromethane
Concen: 63.247 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion: 129 Resp: 10872
Ion Ratio Lower Upper
129 100
127 77.3 39.8 119.4





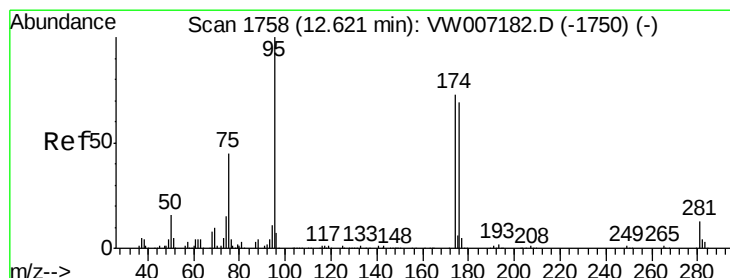
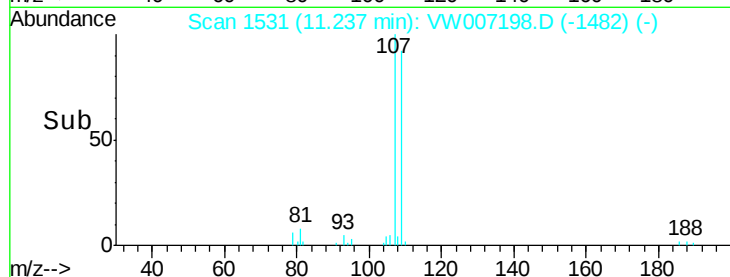
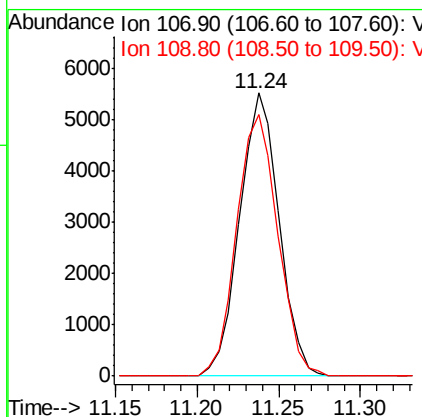
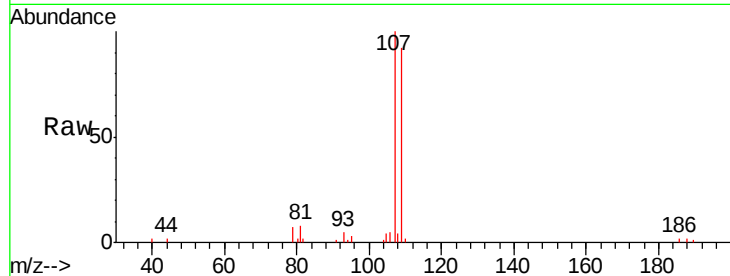
#61
1,2-Dibromoethane
Concen: 69.342 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion: 107 Resp: 9302
Ion Ratio Lower Upper
107 100
109 96.3 77.3 115.9

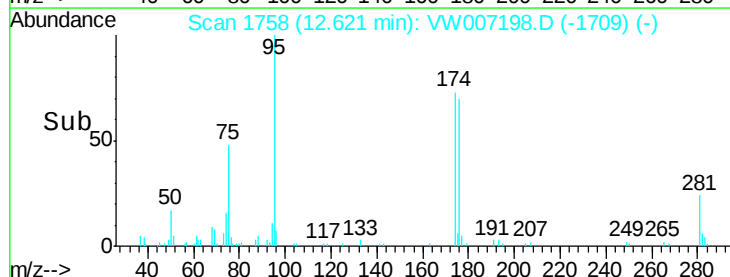
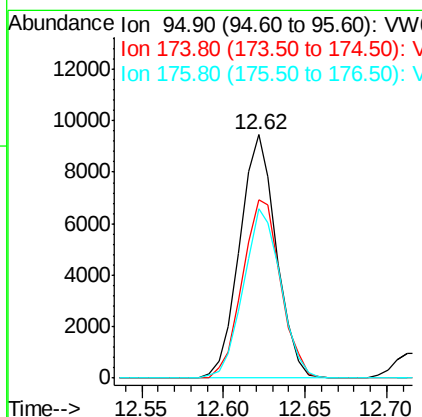
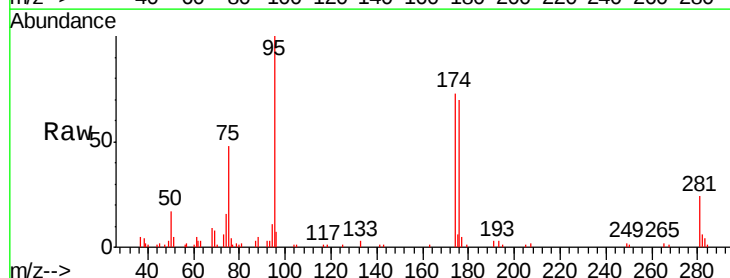
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#62
4-Bromofluorobenzene
Concen: 50.921 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion: 95 Resp: 14774
Ion Ratio Lower Upper
95 100
174 76.1 0.0 148.0
176 71.0 0.0 139.4





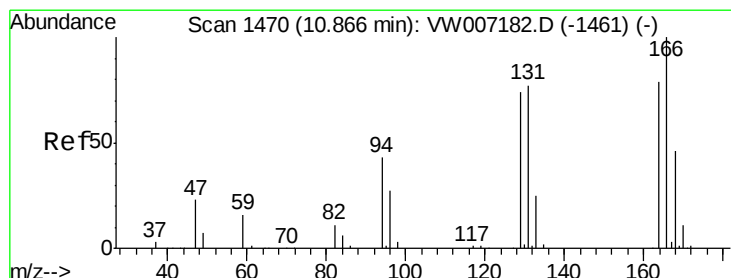
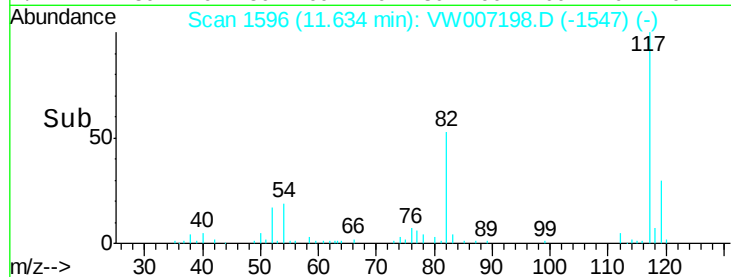
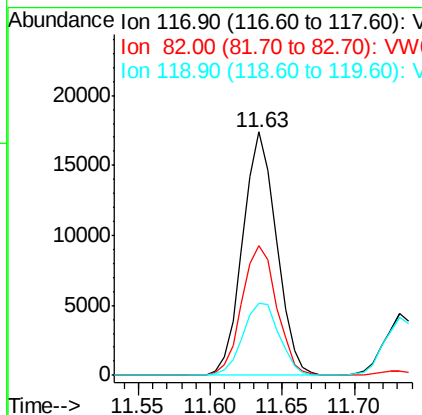
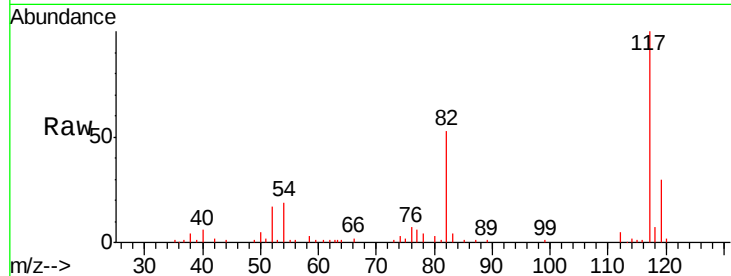
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	47.4	71.2
119	29.5	26.8	40.2

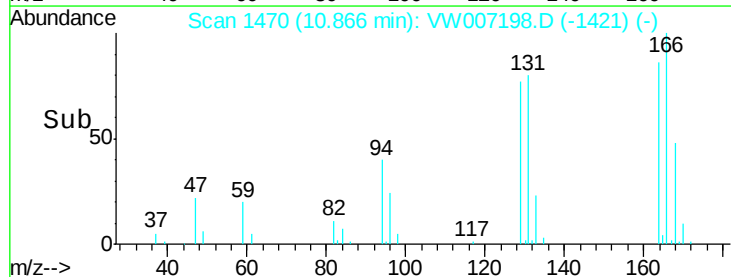
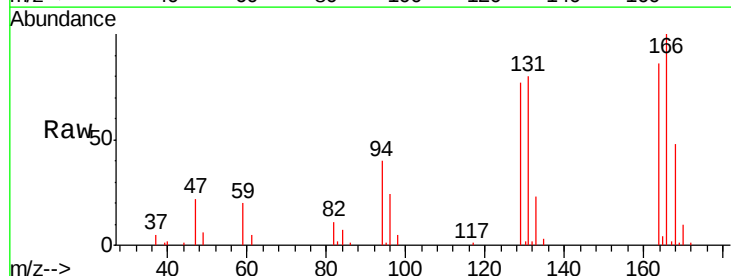
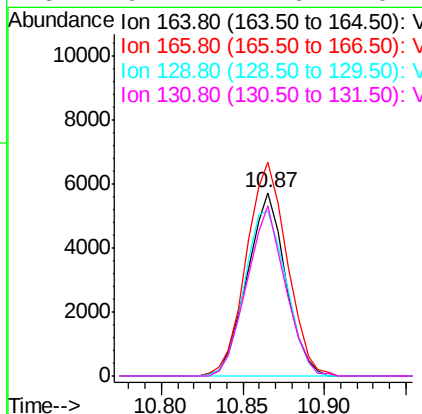
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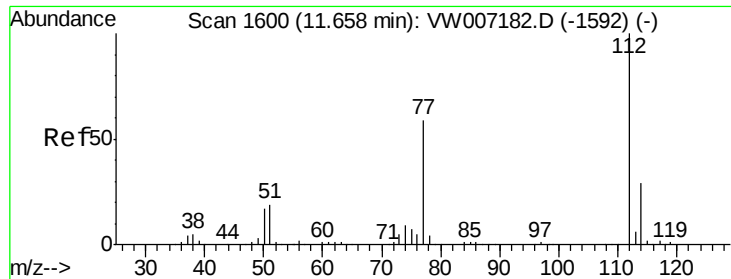
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#64
Tetrachloroethene
Concen: 45.458 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	116.4	101.0	151.4
129	89.7	74.6	111.8
131	92.7	77.6	116.4





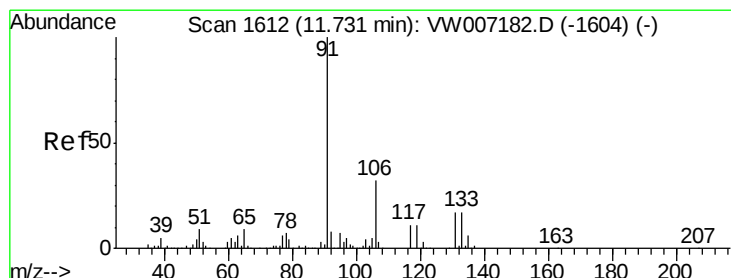
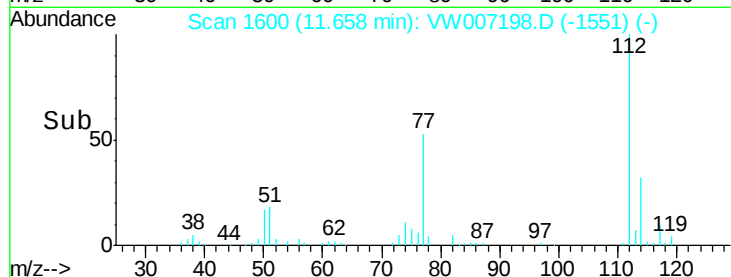
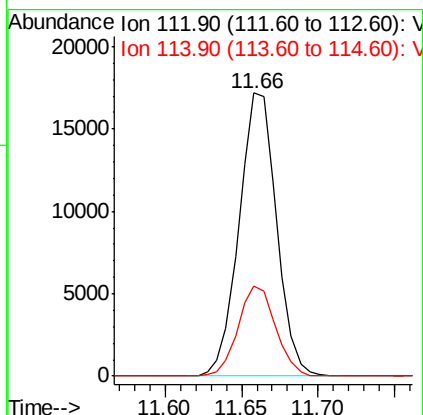
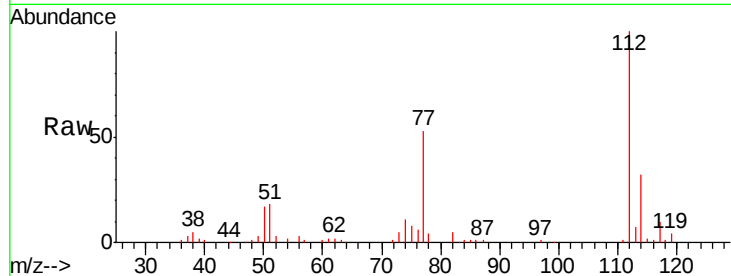
#65
Chlorobenzene
Concen: 46.080 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion:112 Resp: 29214
Ion Ratio Lower Upper
112 100
114 31.9 23.0 34.4

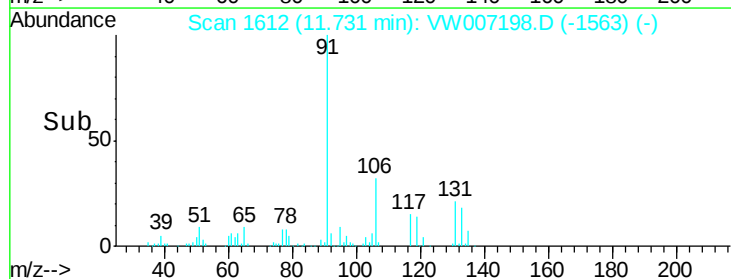
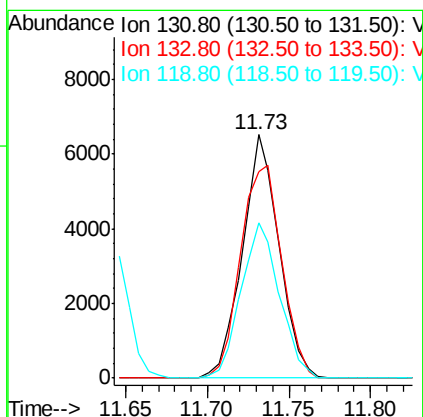
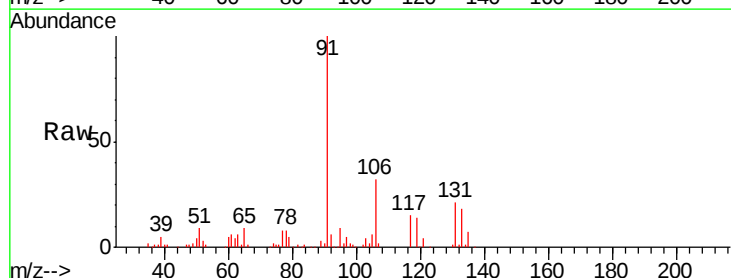
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.941 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion:131 Resp: 10170
Ion Ratio Lower Upper
131 100
133 98.3 48.0 144.2
119 67.2 32.8 98.4





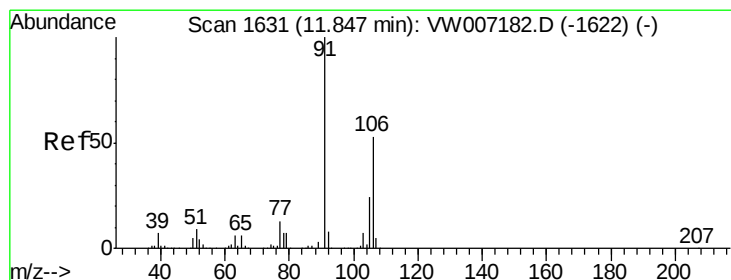
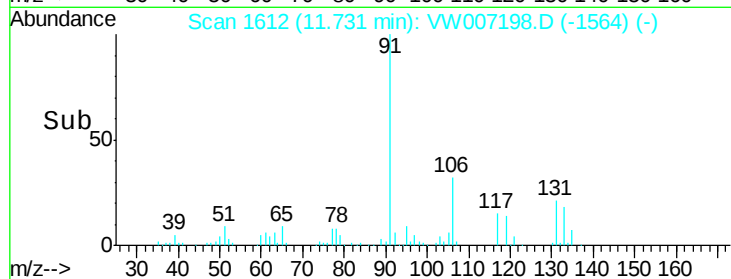
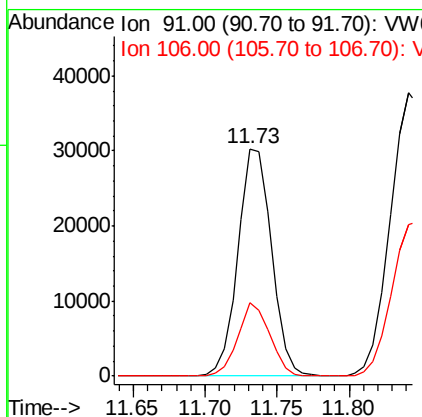
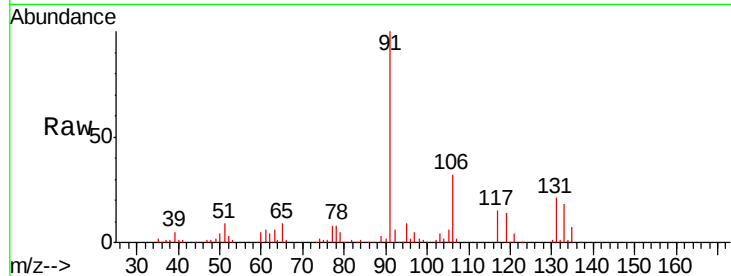
#67
Ethyl Benzene
Concen: 42.420 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion: 91 Resp: 49016
Ion Ratio Lower Upper
91 100
106 32.2 26.0 39.0

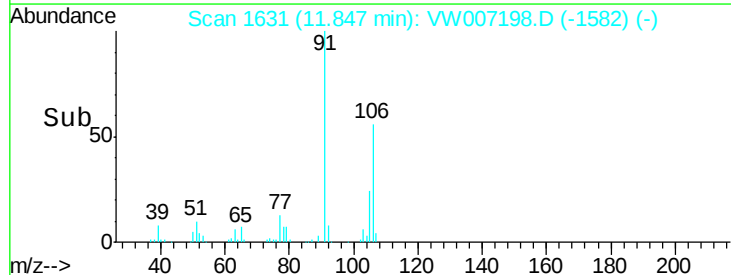
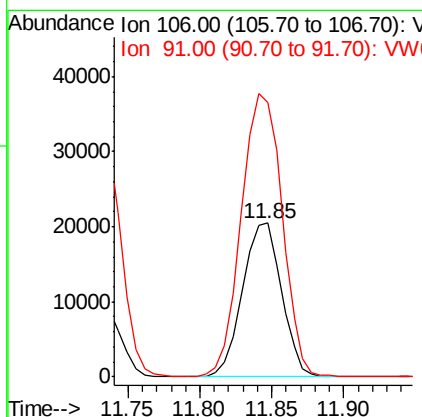
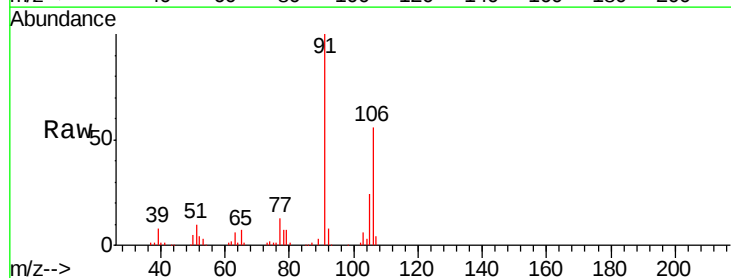
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#68
m/p-Xylenes
Concen: 84.856 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion: 106 Resp: 38466
Ion Ratio Lower Upper
106 100
91 193.6 160.2 240.4





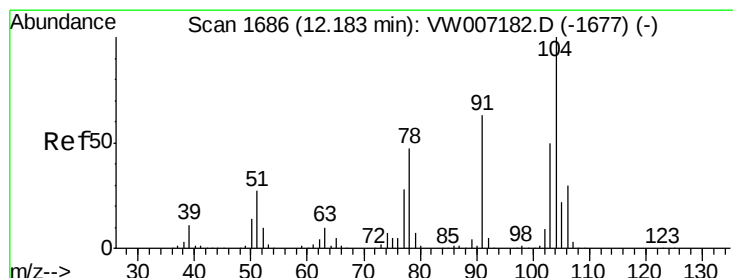
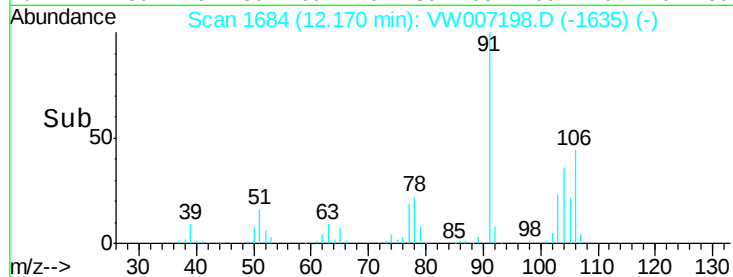
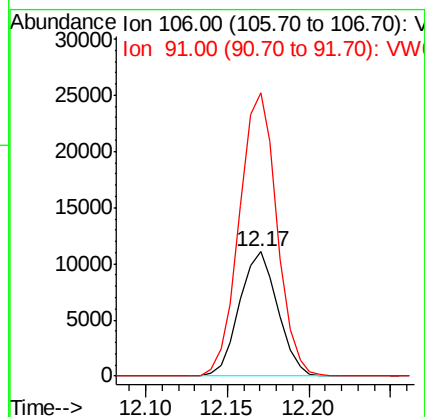
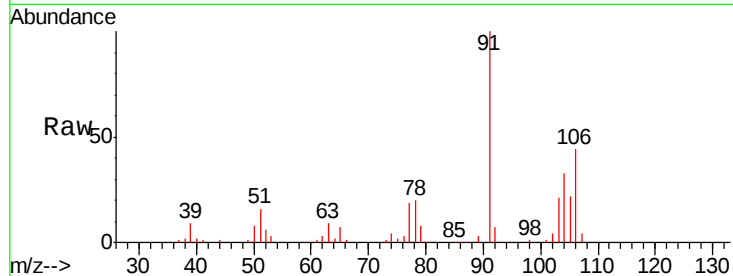
#69
o-Xylene
Concen: 42.845 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion:106 Resp: 18146
Ion Ratio Lower Upper
106 100
91 222.9 104.9 314.7

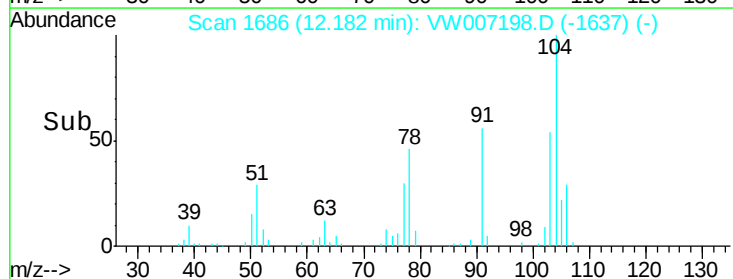
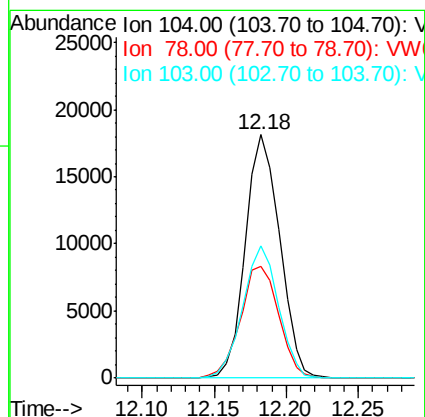
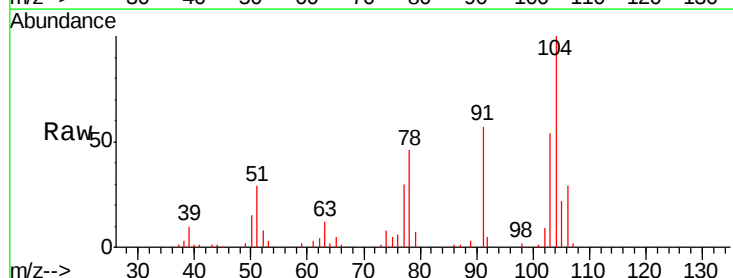
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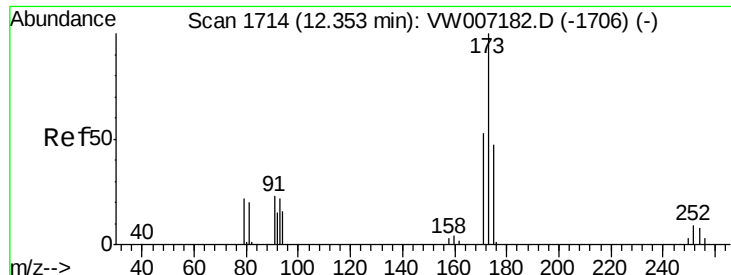
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#70
Styrene
Concen: 43.327 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion:104 Resp: 30038
Ion Ratio Lower Upper
104 100
78 51.2 40.6 60.8
103 56.4 43.0 64.4





#71

Bromoform

Concen: 66.459 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

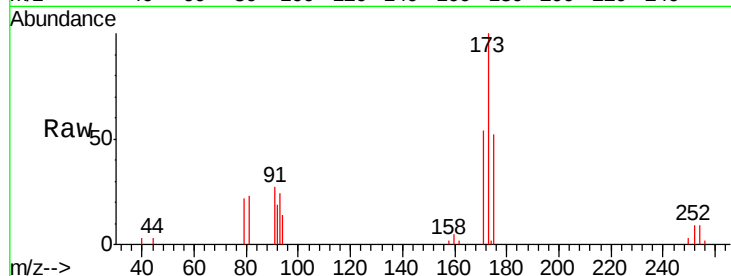
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

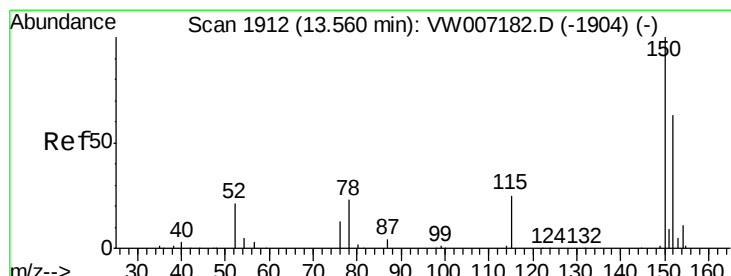
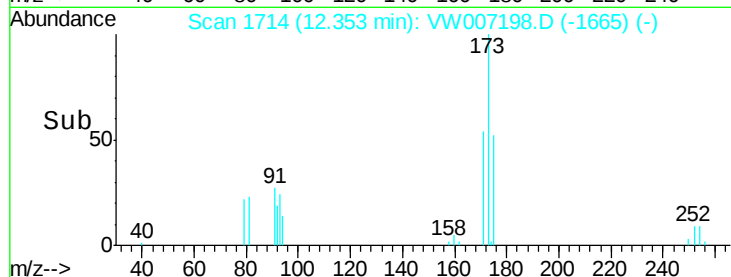
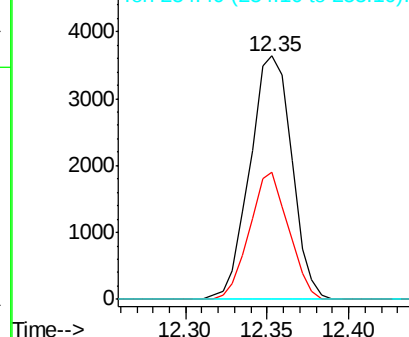
Tgt Ion:	173	Resp:	6514
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.0	72.0
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

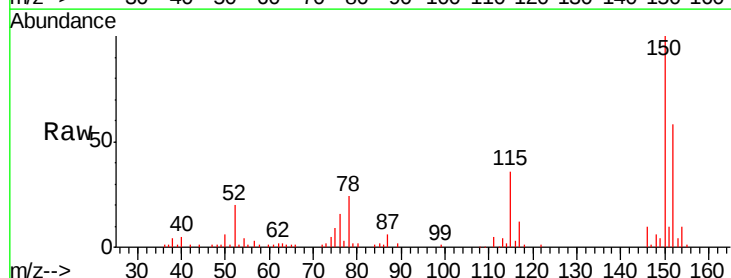
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

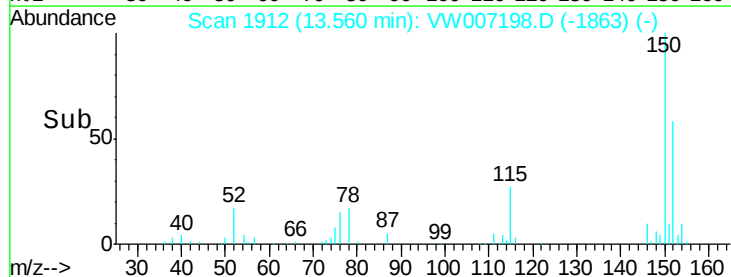
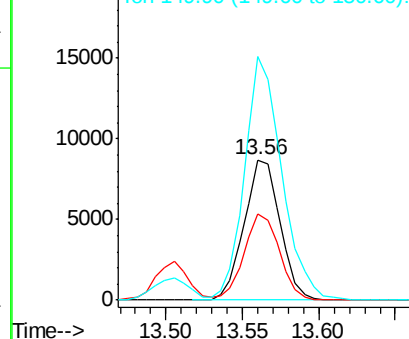
Lab File: VW007198.D

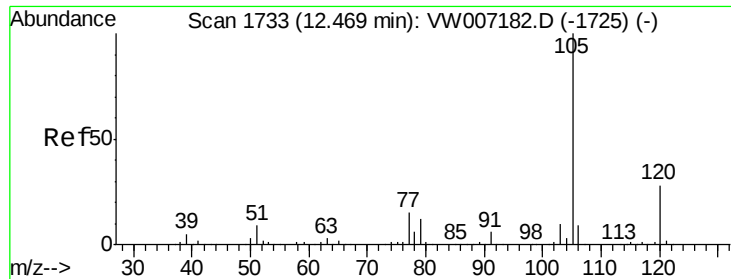
Acq: 04 Dec 2018 19:54

Tgt Ion:	152	Resp:	14163
Ion Ratio	Lower	Upper	
152	100		
115	60.9	31.3	93.8
150	180.5	0.0	358.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.113 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion: 105 Resp: 48511

Ion Ratio Lower Upper

105 100

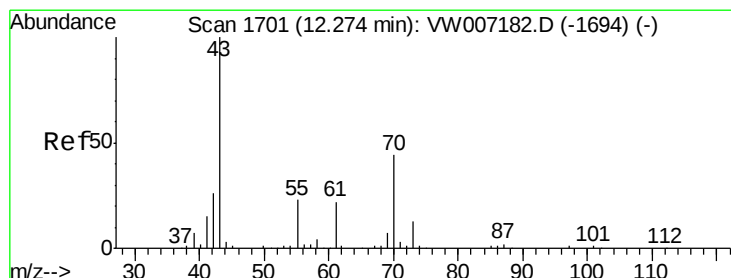
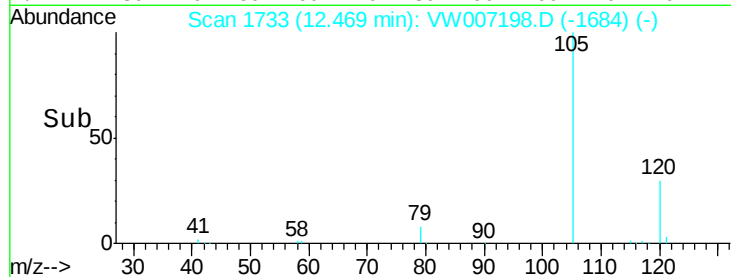
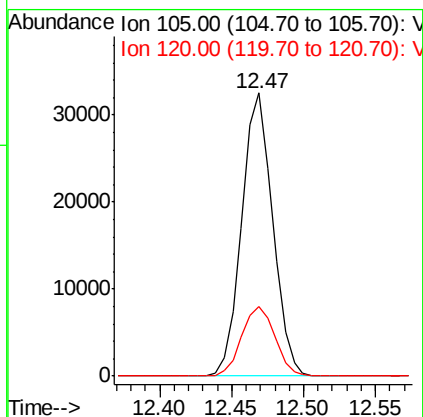
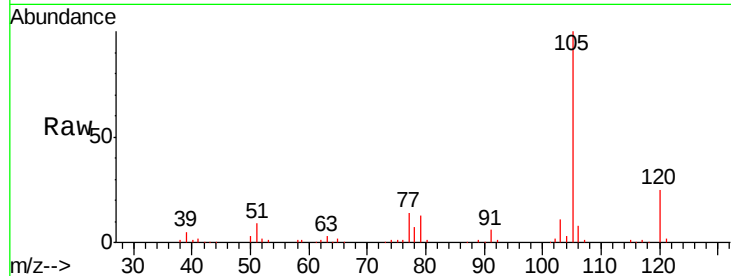
120 26.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 51.456 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Tgt Ion: 43 Resp: 10509

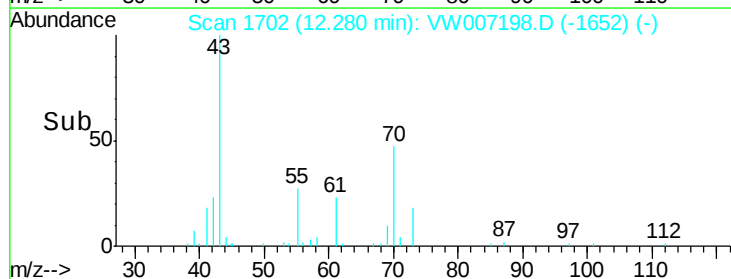
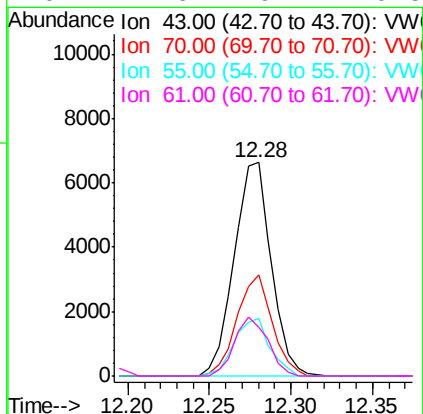
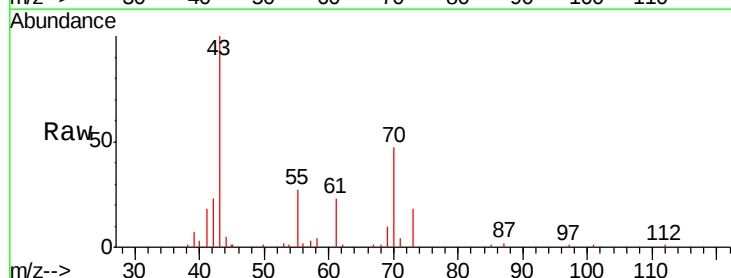
Ion Ratio Lower Upper

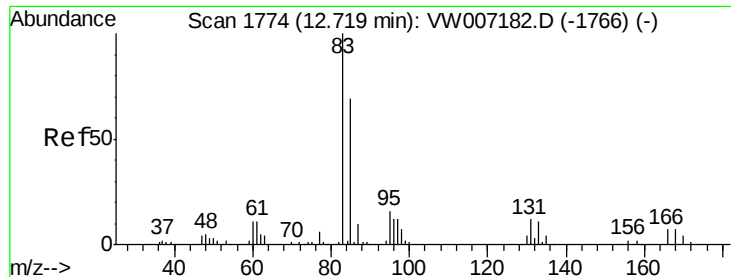
43 100

70 45.1 34.0 51.0

55 25.9 19.0 28.6

61 24.6 19.7 29.5





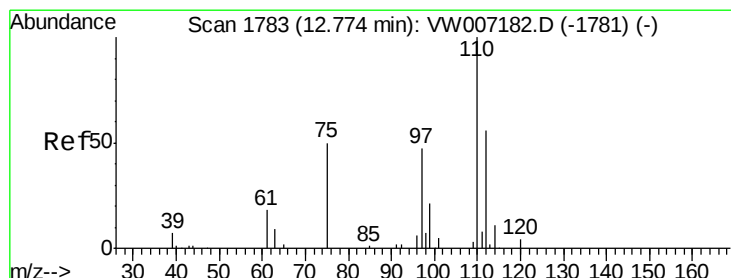
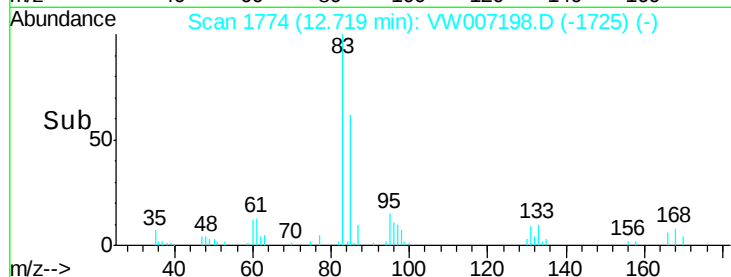
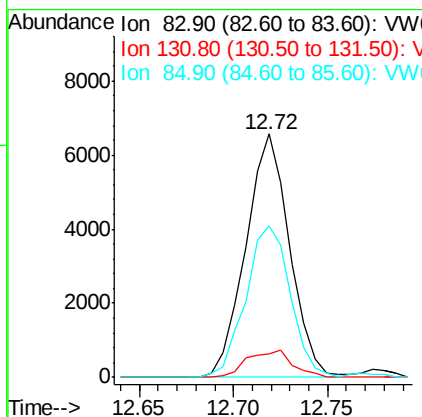
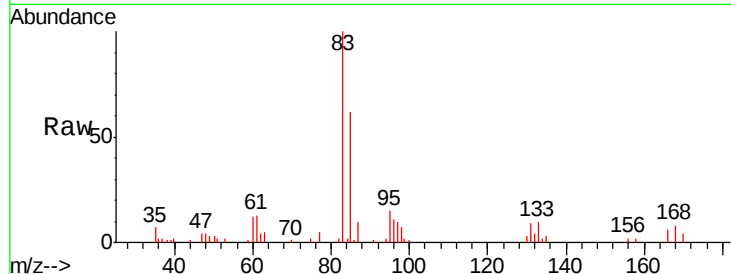
#75
 1,1,2,2-Tetrachloroethane
 Concen: 70.754 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	10585		
131	11.4	6.0	18.1	
85	63.0	33.0	99.0	

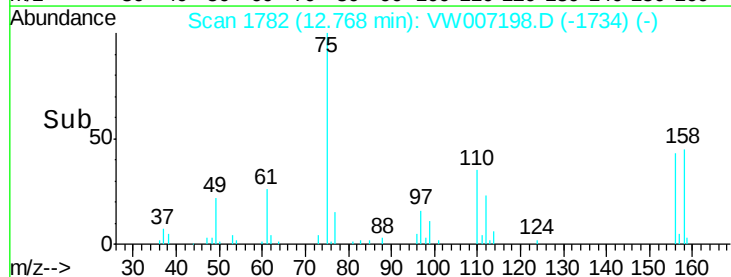
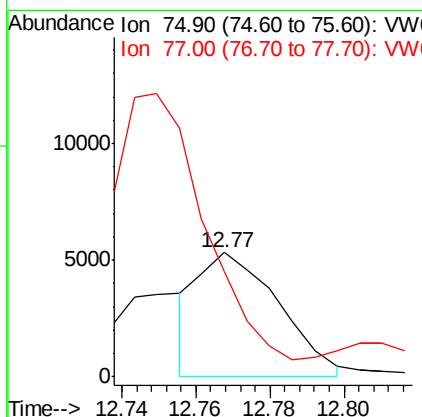
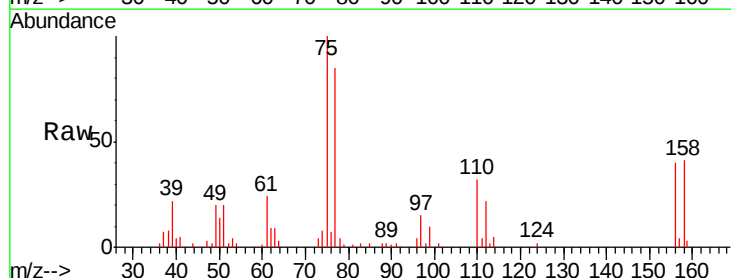
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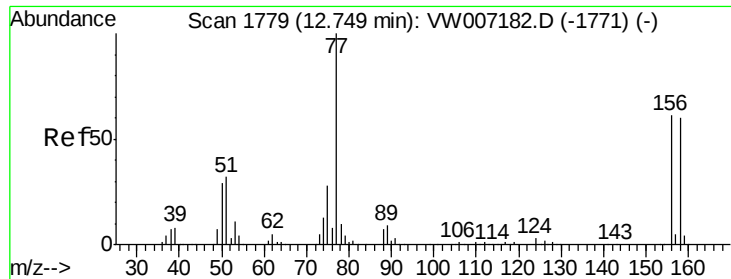
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#76
 1,2,3-Trichloropropane
 Concen: 37.902 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8067		
77	286.0	0.0	0.0#	





#77

Bromobenzene

Concen: 48.185 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

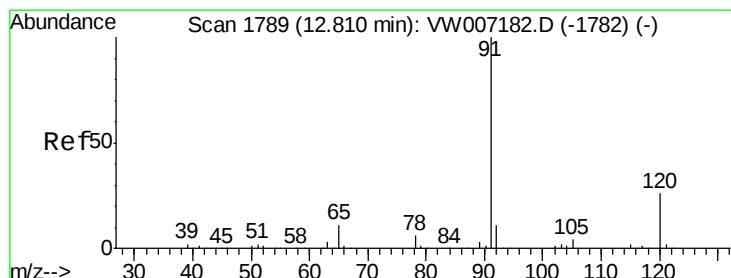
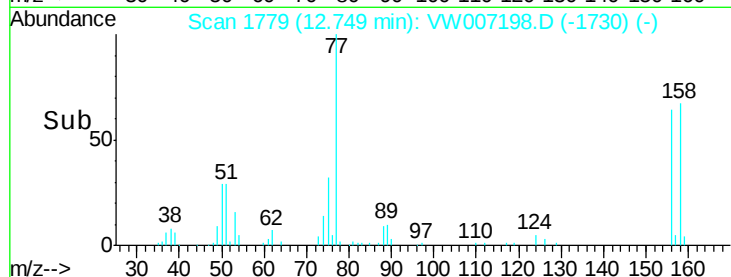
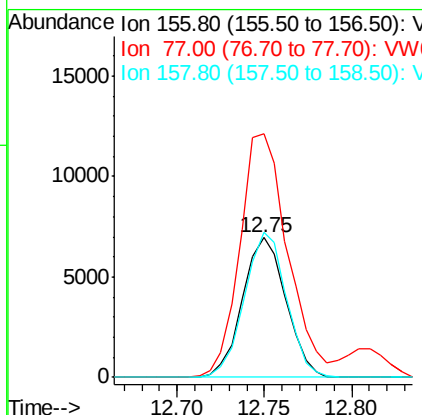
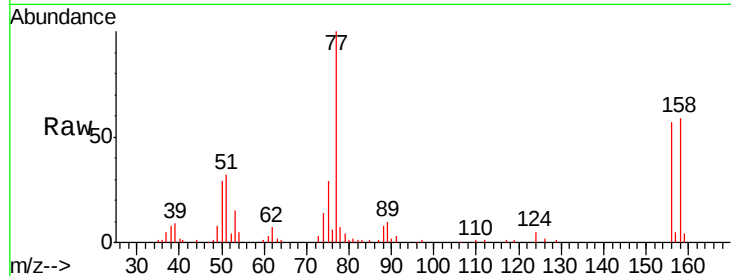
ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion:	156	Resp:	11981
Ion Ratio	Lower	Upper	
156	100		
77	192.6	92.0	276.1
158	100.8	49.0	147.0

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#78

n-propylbenzene

Concen: 39.916 ug/l

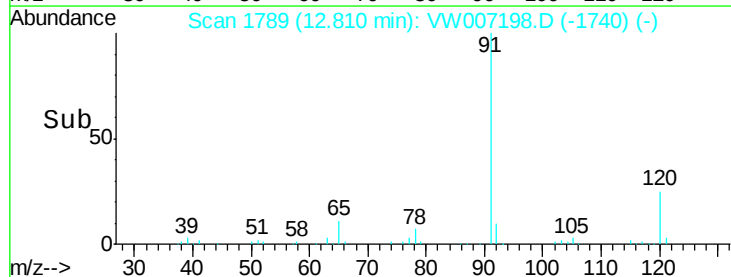
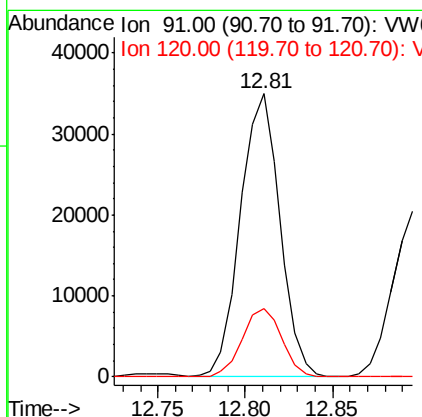
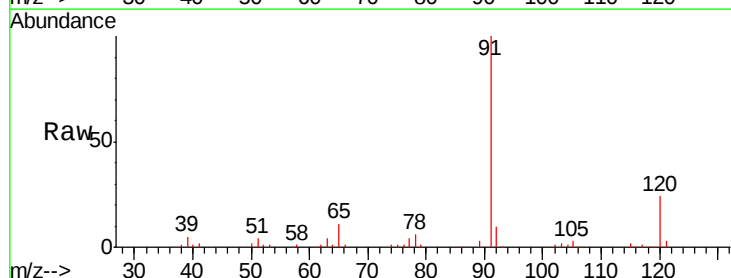
RT: 12.81 min Scan# 1789

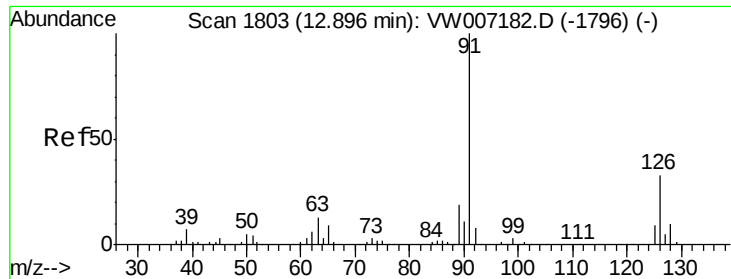
Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Tgt Ion:	91	Resp:	54780
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.5	37.5





#79

2-Chlorotoluene

Concen: 42.682 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007198.D

Acq: 04 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MSD

Tgt Ion: 91 Resp: 33078

Ion Ratio Lower Upper

91 100

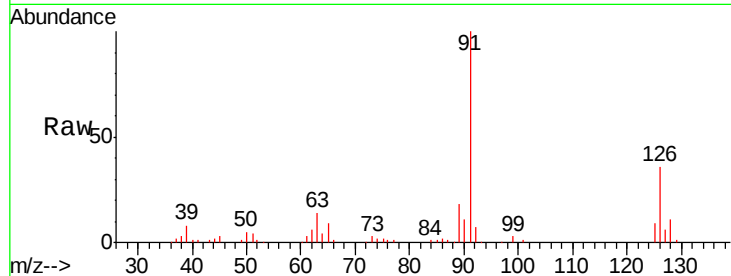
126 35.0 16.7 50.1

Manual Integrations

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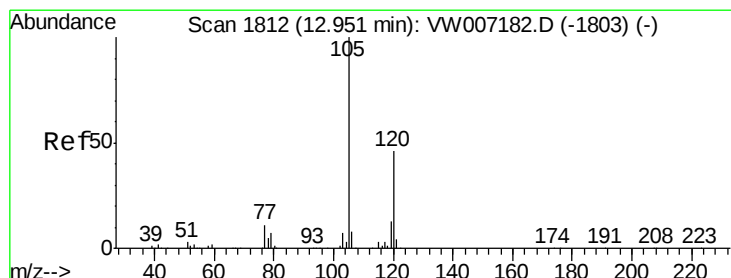
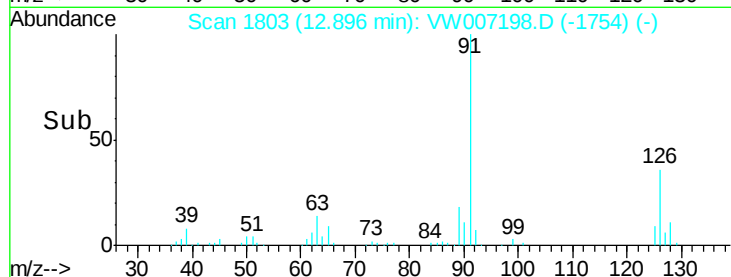
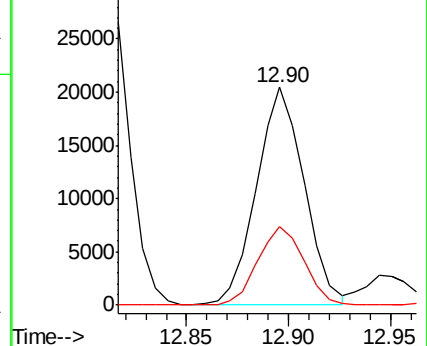
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 41.552 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007198.D

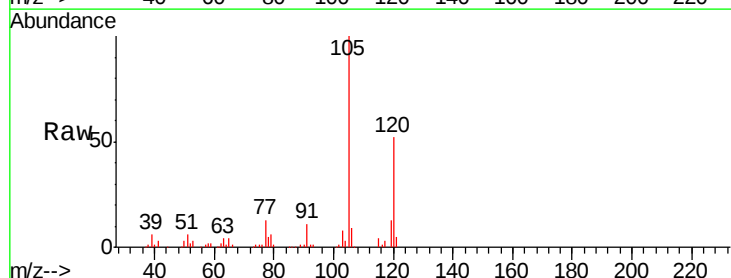
Acq: 04 Dec 2018 19:54

Tgt Ion: 105 Resp: 40947

Ion Ratio Lower Upper

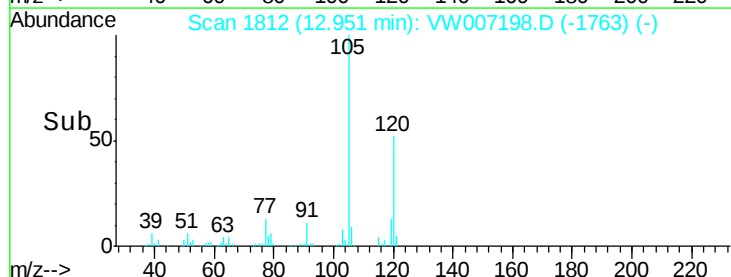
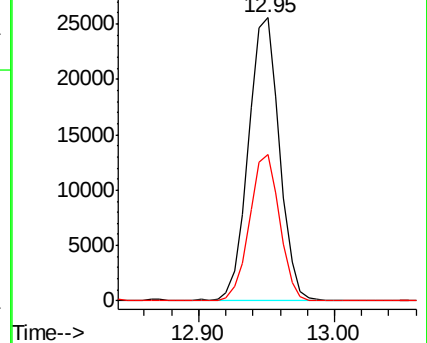
105 100

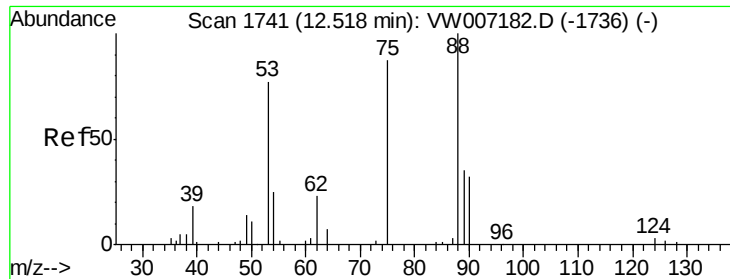
120 49.9 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





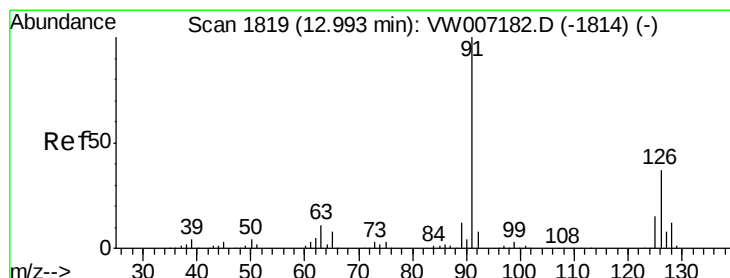
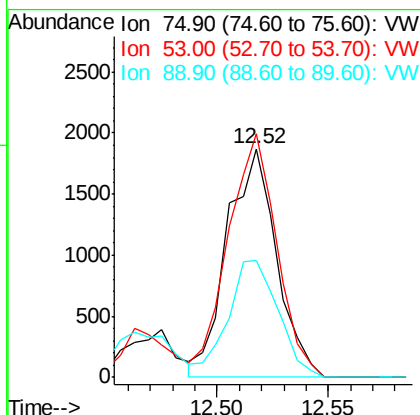
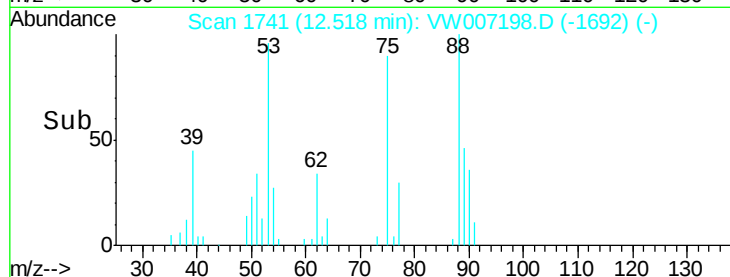
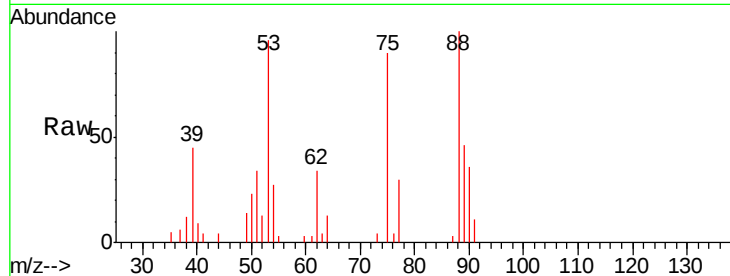
#81
trans-1,4-Dichloro-2-butene
Concen: 56.584 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.2	72.8	109.2
89	52.6	36.4	54.6

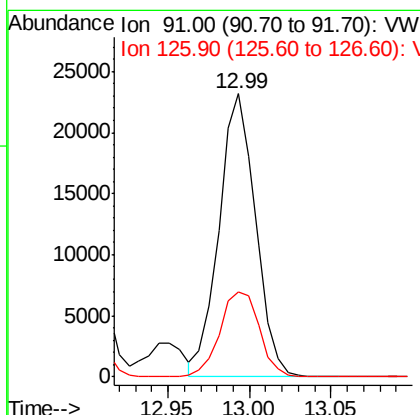
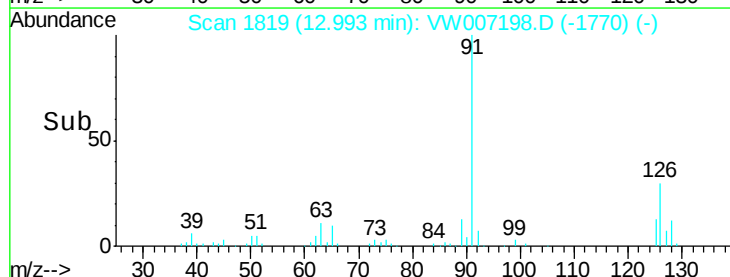
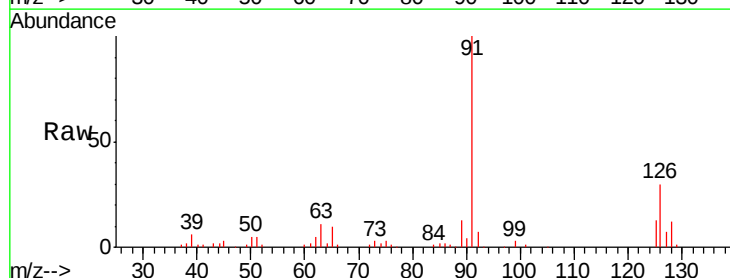
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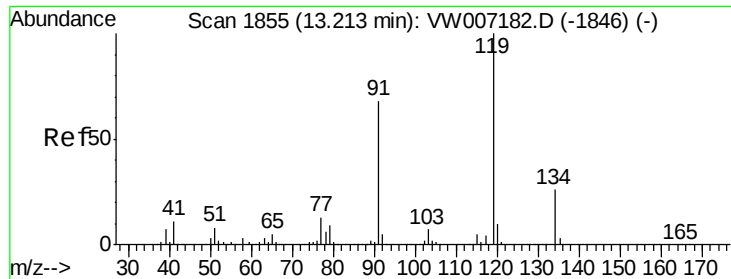
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#82
4-Chlorotoluene
Concen: 43.830 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	17.4	52.3





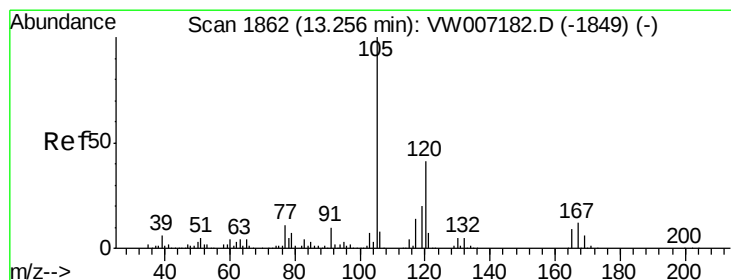
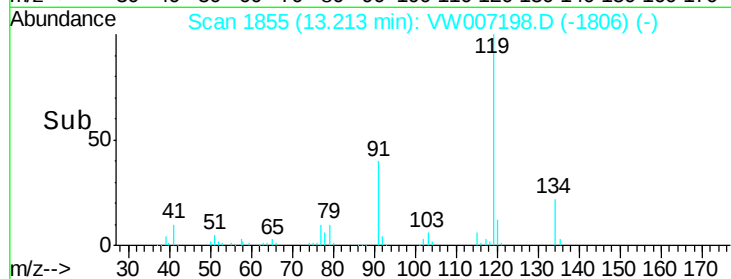
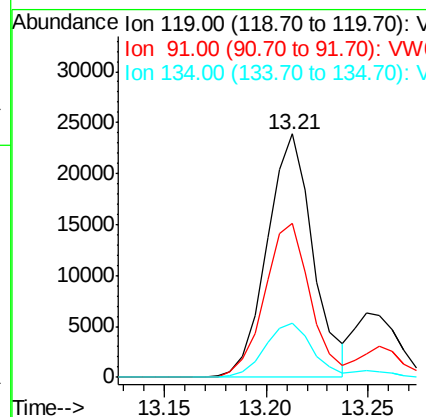
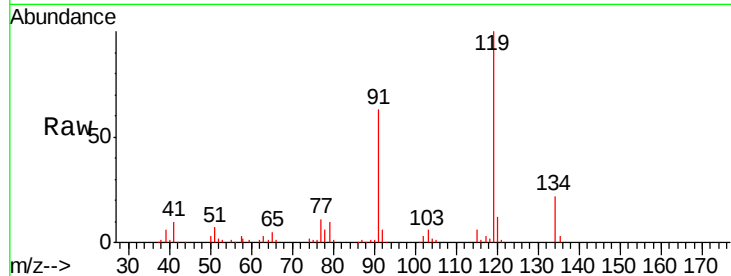
#83
tert-Butylbenzene
Concen: 43.448 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.0	34.0	101.8
134	23.3	13.2	39.5

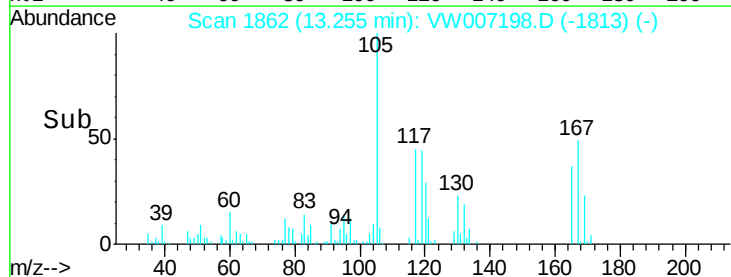
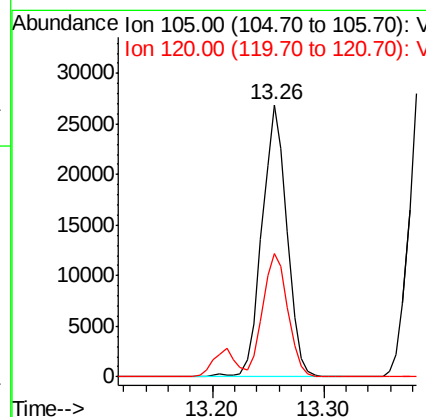
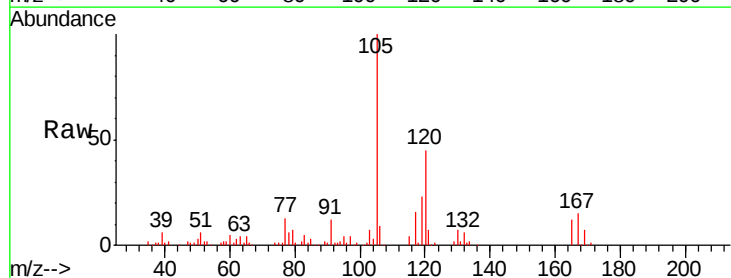
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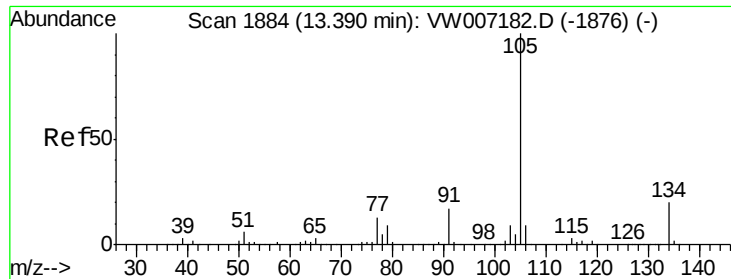
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#84
1,2,4-Trimethylbenzene
Concen: 41.800 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	21.1	63.3





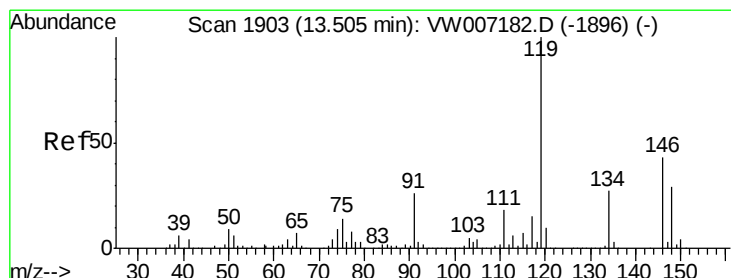
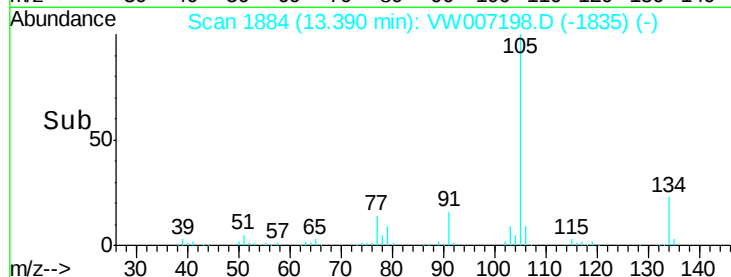
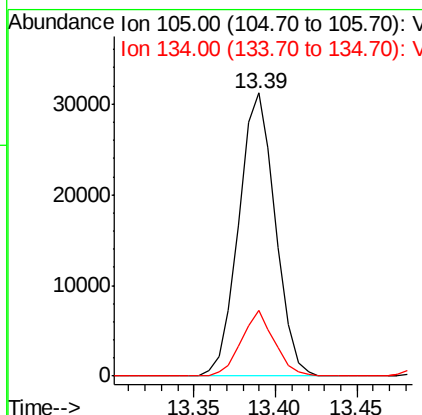
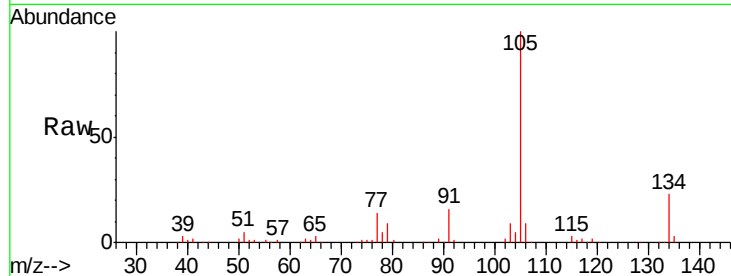
#85
 sec-Butylbenzene
 Concen: 39.520 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

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

Tgt Ion:105 Resp: 48587
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.8

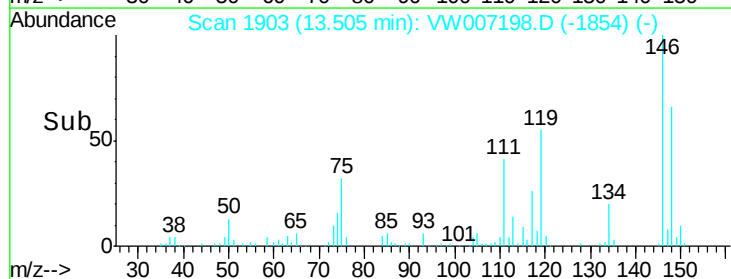
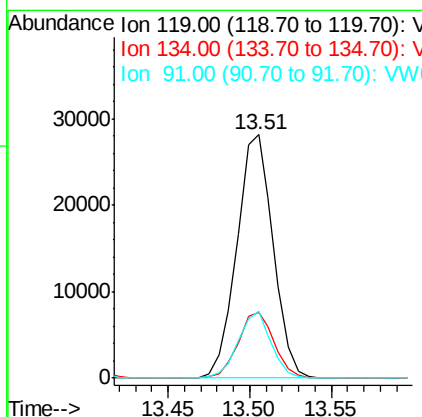
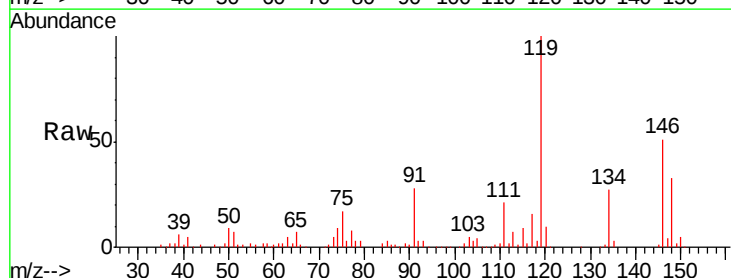
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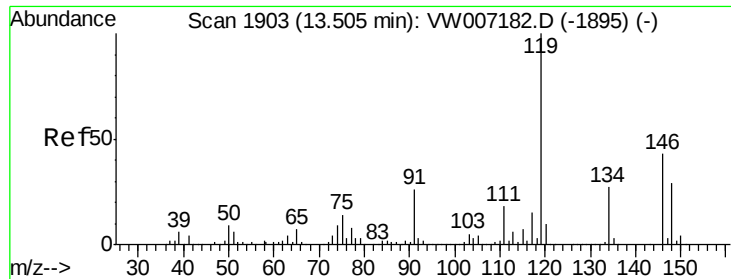
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#86
 p-Isopropyltoluene
 Concen: 39.718 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

Tgt Ion:119 Resp: 43469
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 25.0 12.4 37.2





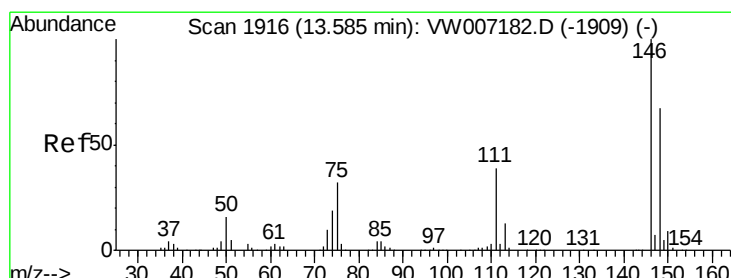
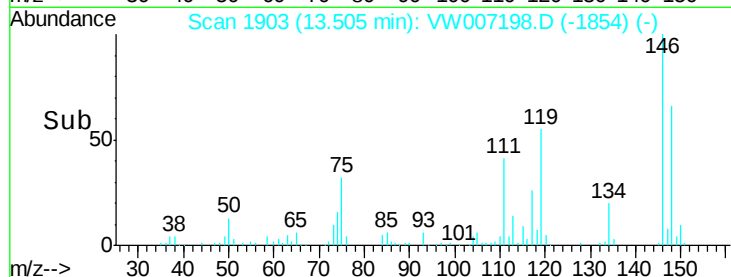
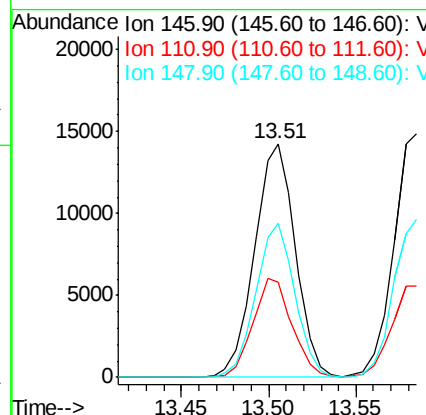
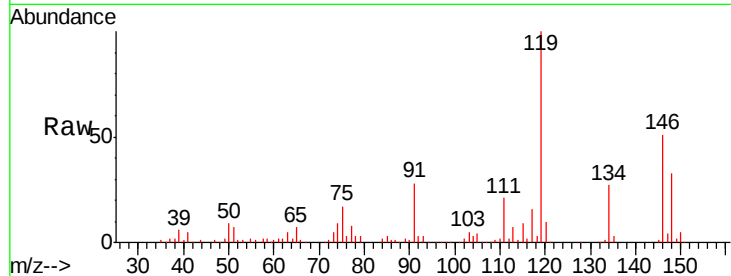
#87
 1,3-Dichlorobenzene
 Concen: 45.481 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.1	63.4
148	63.0	32.8	98.4

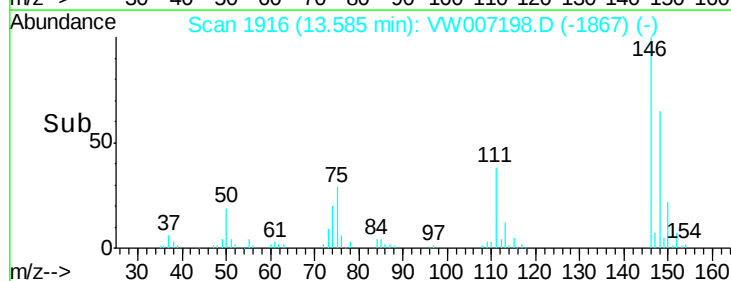
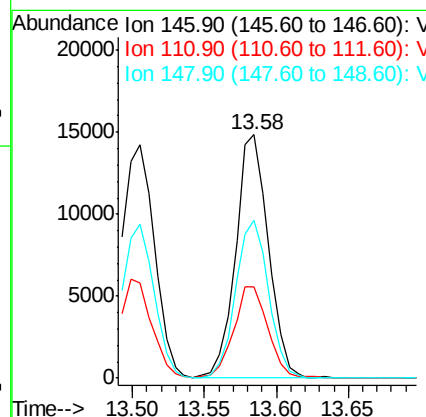
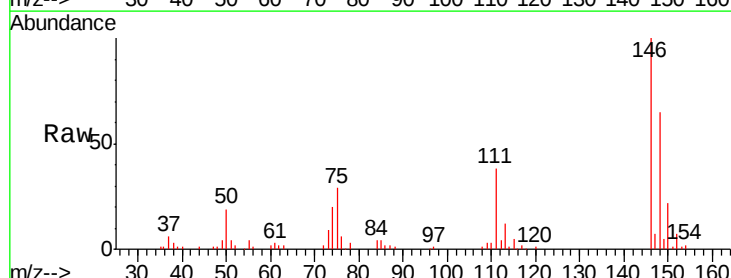
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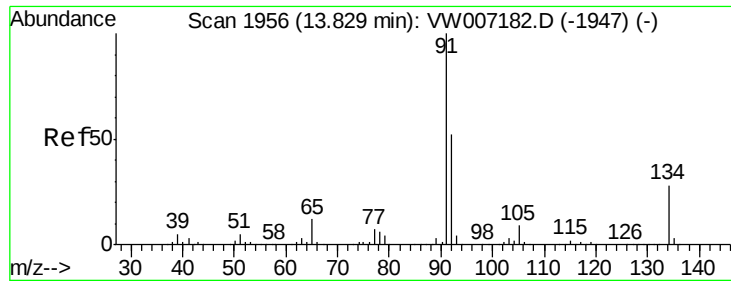
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#88
 1,4-Dichlorobenzene
 Concen: 45.710 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.8
148	65.2	32.6	98.0





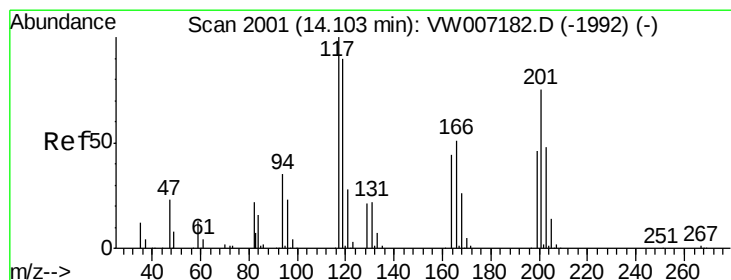
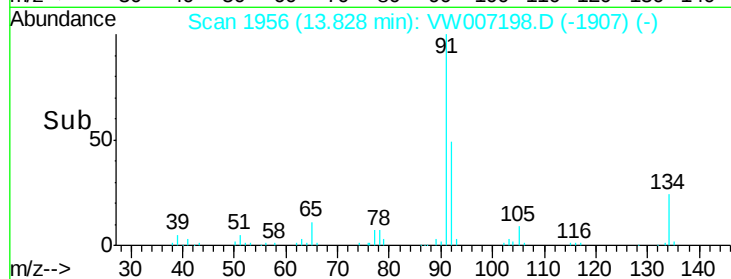
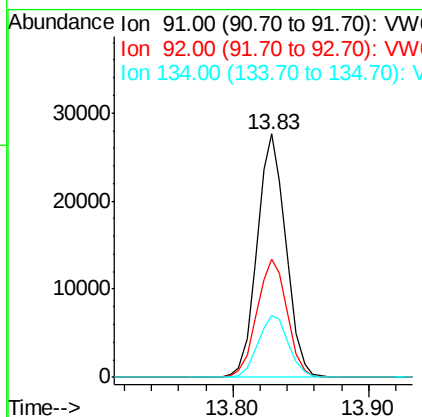
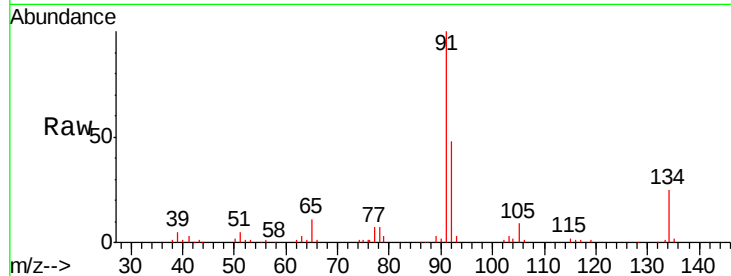
#89
n-Butylbenzene
Concen: 40.044 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.5	79.5
134	26.8	14.1	42.2

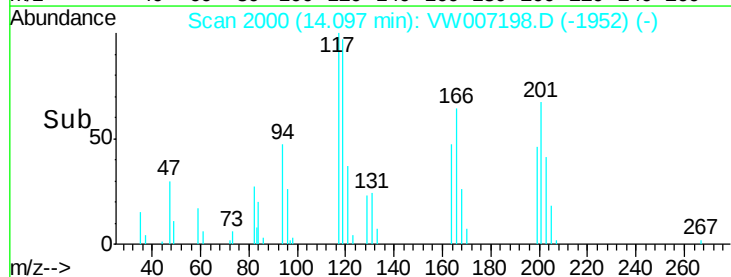
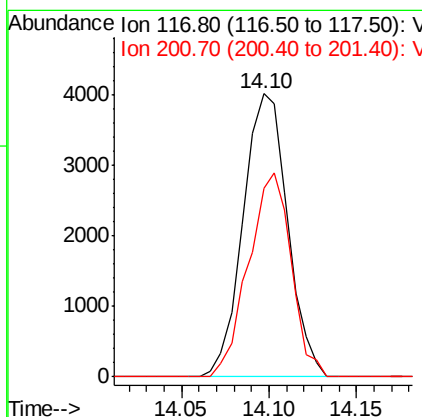
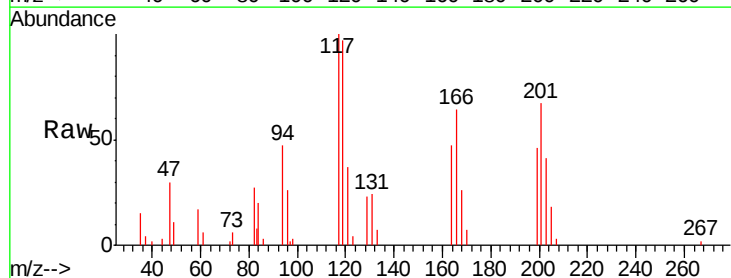
Manual Integrations
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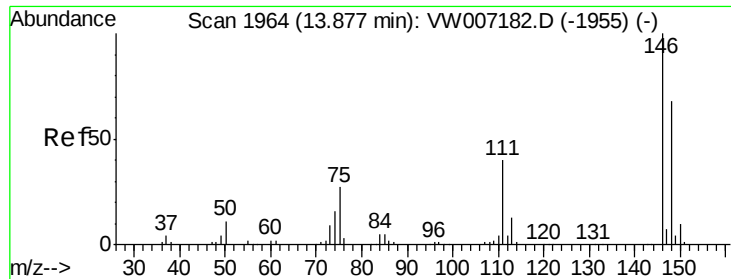
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#90
Hexachloroethane
Concen: 42.572 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.1	36.0	108.1





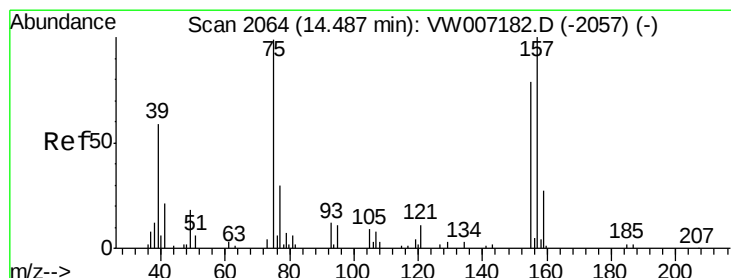
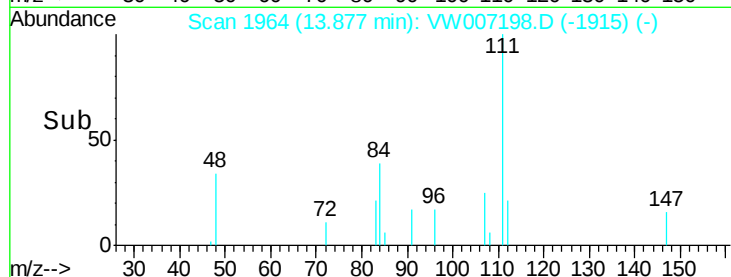
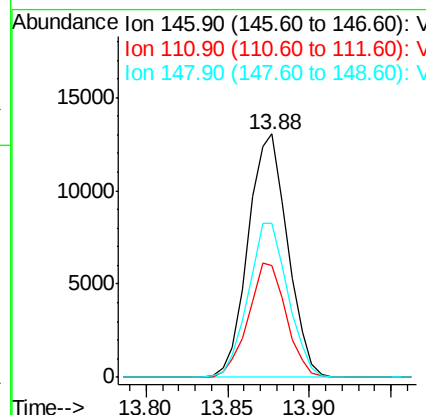
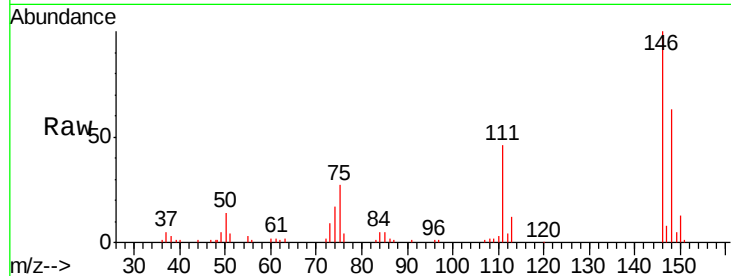
#91
 1,2-Dichlorobenzene
 Concen: 49.725 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.1	21.6	65.0
148	63.8	32.7	98.1

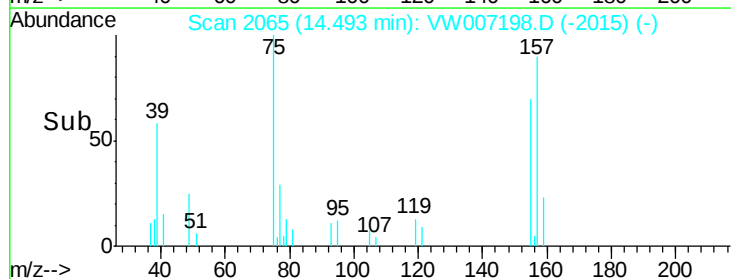
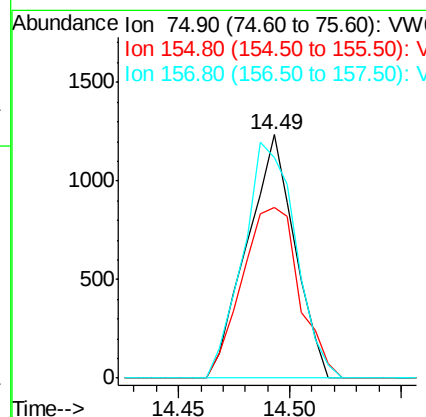
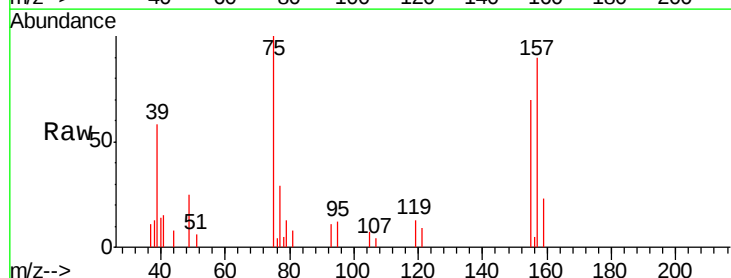
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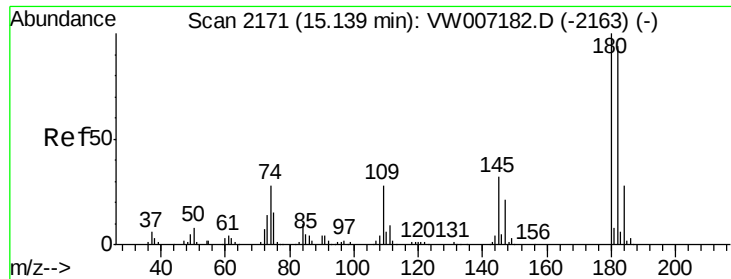
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.214 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	42.4	127.2
157	106.9	55.3	165.9





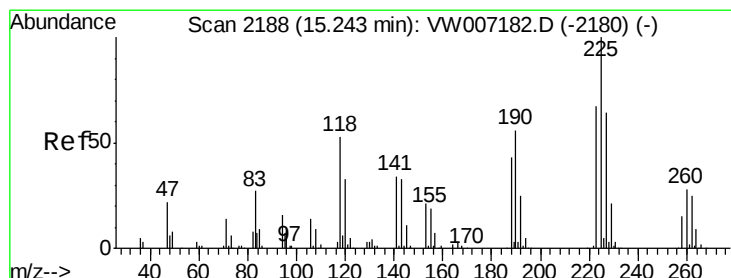
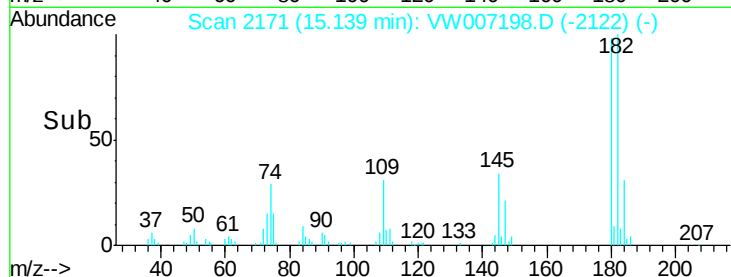
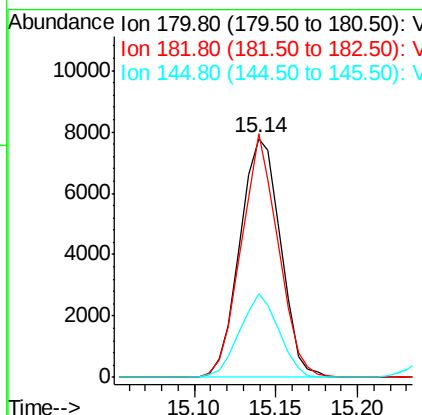
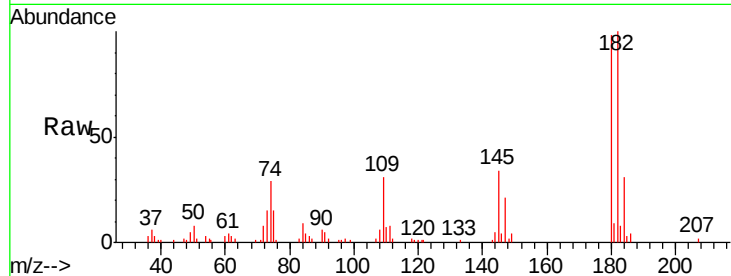
#93
 1,2,4-Trichlorobenzene
 Concen: 44.137 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	13516		
182	92.6	47.9	143.8	
145	33.6	16.6	49.7	

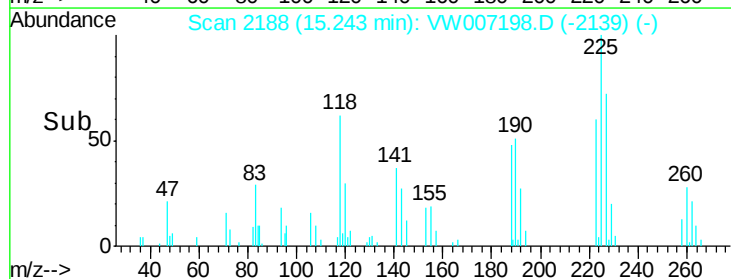
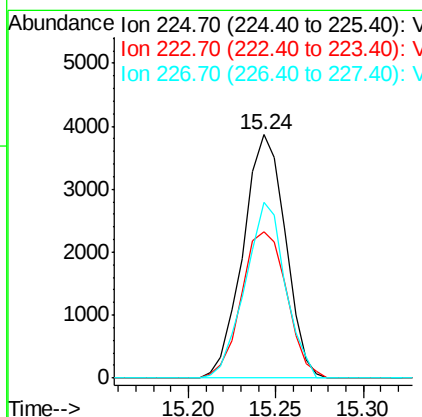
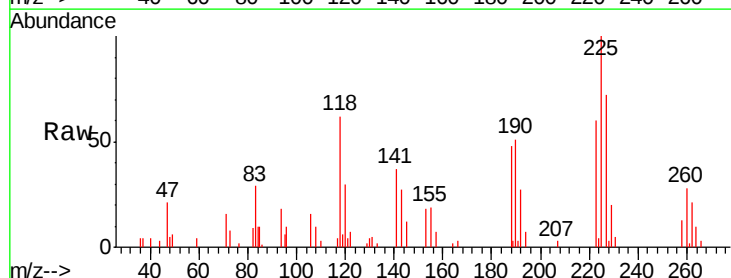
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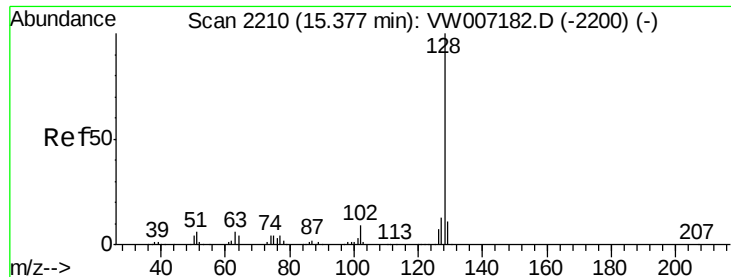
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#94
 Hexachlorobutadiene
 Concen: 39.428 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007198.D
 Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	6511		
223	64.3	32.3	96.8	
227	68.8	32.1	96.3	





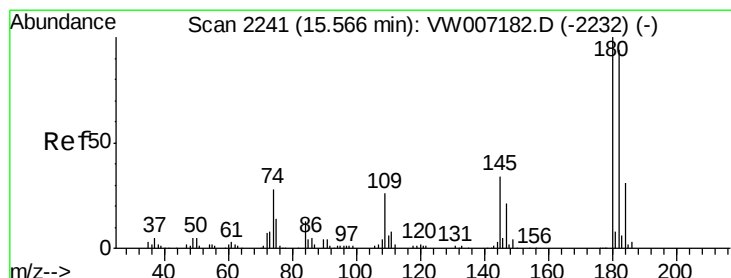
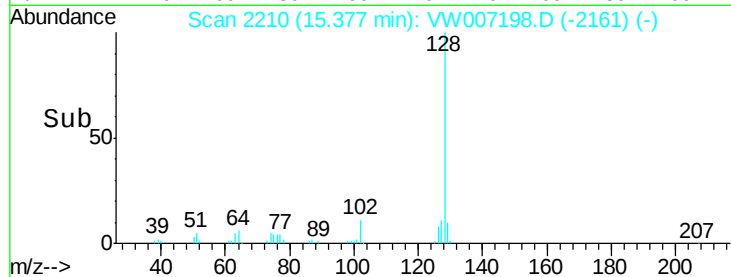
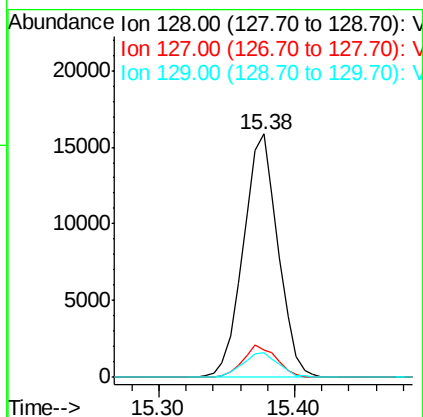
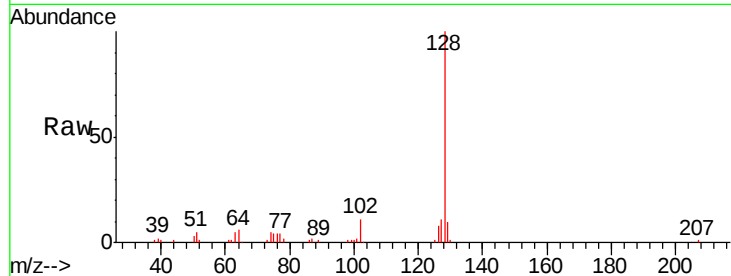
#95
Naphthalene
Concen: 51.473 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.5	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.593 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007198.D
Acq: 04 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	37.6	17.6	52.8

