

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007197.D
 Acq On : 04 Dec 2018 19:29
 Operator : SY/AP
 Sample : J6206-04MS
 Misc : 5.75G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
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 12/5/2018 12:44:13 PM

Quant Time: Dec 05 06:24:37 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	7.95	168	105619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	171914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77178	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53316	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
35) Dibromofluoromethane	7.88	113	49820	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.32	98	221217	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.62	95	81154	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	52262	45.227	ug/l	97
3) Chloromethane	2.21	50	68343	46.703	ug/l	100
4) Vinyl Chloride	2.36	62	44797	48.892	ug/l	99
5) Bromomethane	2.76	94	25660	55.888	ug/l	94
6) Chloroethane	2.92	64	25408	49.423	ug/l	96
7) Trichlorofluoromethane	3.26	101	85140	47.662	ug/l	97
8) Diethyl Ether	3.69	74	29450	59.145	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50711	46.994	ug/l	99
10) Methyl Iodide	4.28	142	42714	46.466	ug/l	98
11) Tert butyl alcohol	5.17	59	21106	222.800	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	49700	49.146	ug/l	98
13) Acrolein	3.90	56	14600	211.891	ug/l	98
14) Allyl chloride	4.68	41	81593	50.336	ug/l	99
15) Acrylonitrile	5.37	53	62548	300.482	ug/l	100
16) Acetone	4.13	43	50919	218.730	ug/l	100
17) Carbon Disulfide	4.39	76	165582	49.673	ug/l	99
18) Methyl Acetate	4.68	43	61370	115.493	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	135396	56.866	ug/l	97
20) Methylene Chloride	4.92	84	81822	72.099	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	56298	49.857	ug/l	96
22) Diisopropyl ether	6.32	45	159958	54.970	ug/l	98
23) Vinyl Acetate	6.26	43	295577m	186.157	ug/l	
24) 1,1-Dichloroethane	6.22	63	91791	49.216	ug/l	99
25) 2-Butanone	7.17	43	73117	270.949	ug/l	99
26) 2,2-Dichloropropane	7.17	77	86721	48.385	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	61869	51.111	ug/l	99
28) Bromochloromethane	7.51	49	36608	54.435	ug/l	99
29) Tetrahydrofuran	7.53	42	49444	296.500	ug/l	99
30) Chloroform	7.68	83	100692	51.948	ug/l	99
31) Cyclohexane	7.96	56	90794	46.527	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	92923	50.941	ug/l	99
36) 1,1-Dichloropropene	8.09	75	81287	48.595	ug/l	99
37) Ethyl Acetate	7.26	43	28398	46.933	ug/l	99
38) Carbon Tetrachloride	8.07	117	81869	47.951	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99301	44.345	ug/l	96
40) Benzene	8.33	78	240822	52.502	ug/l	100
41) Methacrylonitrile	7.49	41	18230	50.300	ug/l	88
42) 1,2-Dichloroethane	8.40	62	67371	52.554	ug/l	100
43) Isopropyl Acetate	8.43	43	60266	51.282	ug/l	99
44) Trichloroethene	9.10	130	65021	50.430	ug/l	97
45) 1,2-Dichloropropane	9.37	63	56238	52.687	ug/l	95
46) Dibromomethane	9.46	93	29884	53.879	ug/l	94
47) Bromodichloromethane	9.65	83	73232	50.194	ug/l	100
48) Methyl methacrylate	9.44	41	36943	60.570	ug/l	96
49) 1,4-Dioxane	9.45	88	10631	1097.194	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	174726	301.703	ug/l	100
52) Toluene	10.39	92	192844	60.439	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	77727	52.989	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	90510	52.652	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	42183	53.467	ug/l	97
56) Ethyl methacrylate	10.65	69	49507	48.105	ug/l	98
57) 1,3-Dichloropropane	10.93	76	72883	54.717	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	110255	266.723	ug/l	99
59) 2-Hexanone	10.98	43	118889	283.189	ug/l	100
60) Dibromochloromethane	11.13	129	51473	53.083	ug/l	97
61) 1,2-Dibromoethane	11.24	107	42545	56.223	ug/l	97
64) Tetrachloroethene	10.87	164	51863	46.662	ug/l	95
65) Chlorobenzene	11.66	112	173134	50.958	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	54478	51.919	ug/l	99
67) Ethyl Benzene	11.73	91	306470	49.491	ug/l	99
68) m/p-Xylenes	11.84	106	239503	98.589	ug/l	99
69) o-Xylene	12.17	106	114877	50.613	ug/l	95
70) Styrene	12.18	104	191246	51.474	ug/l	99
71) Bromoform	12.35	173	28993	55.196	ug/l #	96
73) Isopropylbenzene	12.47	105	313484	49.941	ug/l	100
74) N-amyl acetate	12.27	43	48681	43.741	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	46603	57.166	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31470m	27.134	ug/l	
77) Bromobenzene	12.75	156	70096	51.733	ug/l	97
78) n-propylbenzene	12.81	91	359290	48.043	ug/l	95
79) 2-Chlorotoluene	12.90	91	202455	47.940	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	249935	46.543	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	16033	57.826	ug/l	97
82) 4-Chlorotoluene	12.99	91	223464	49.740	ug/l	96
83) tert-Butylbenzene	13.21	119	219674	46.811	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	266327	48.586	ug/l	99
85) sec-Butylbenzene	13.39	105	315325	47.067	ug/l	97
86) p-Isopropyltoluene	13.51	119	278594	46.714	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	137956	49.598	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	134783	47.972	ug/l	97
89) n-Butylbenzene	13.83	91	249526	44.774	ug/l	98
90) Hexachloroethane	14.10	117	41891	46.094	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	124190	51.575	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9368	59.320	ug/l	99

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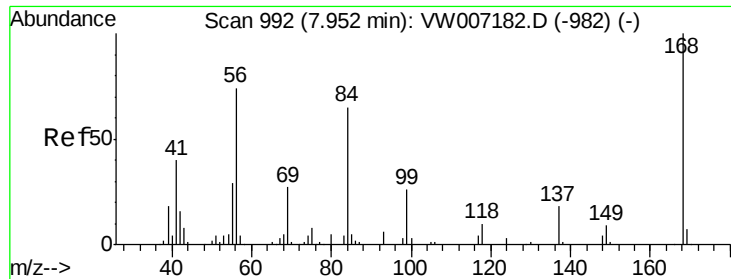
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	75034	44.965	ug/l	100
94) Hexachlorobutadiene	15.24	225	35690	39.661	ug/l	100
95) Naphthalene	15.38	128	160006	53.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	64669	45.959	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 168 Resp: 105619

Ion Ratio Lower Upper

168 100

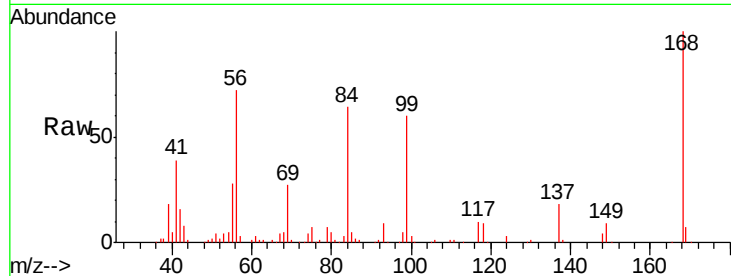
99 59.9 47.8 71.8

Manual Integrations

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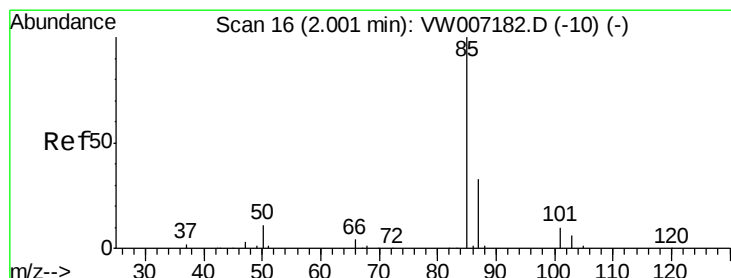
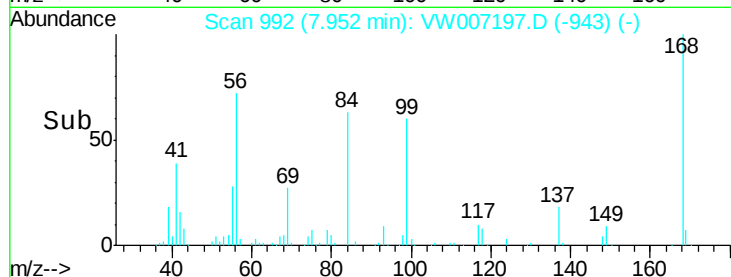
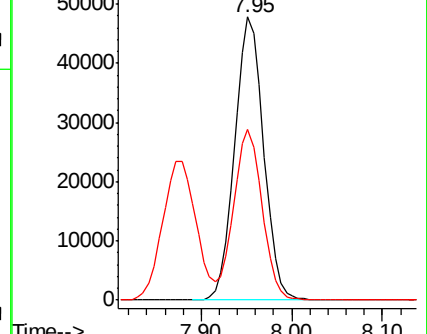
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.227 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007197.D

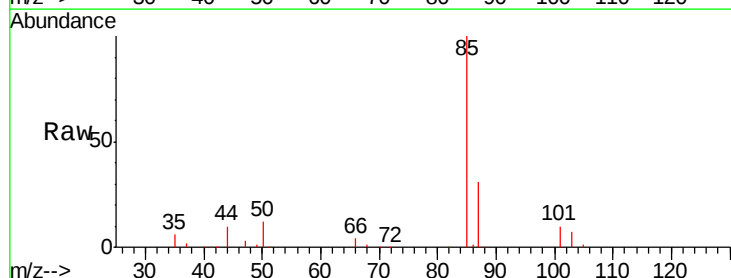
Acq: 04 Dec 2018 19:29

Tgt Ion: 85 Resp: 52262

Ion Ratio Lower Upper

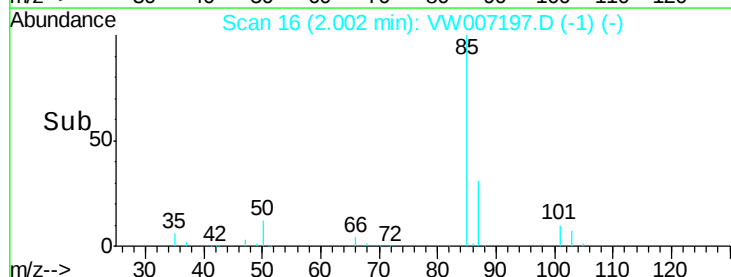
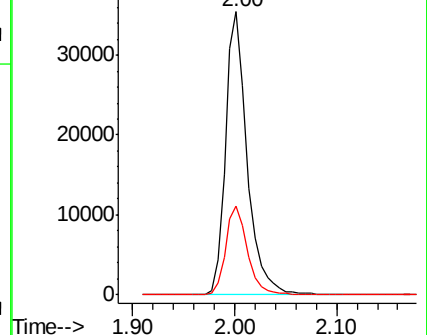
85 100

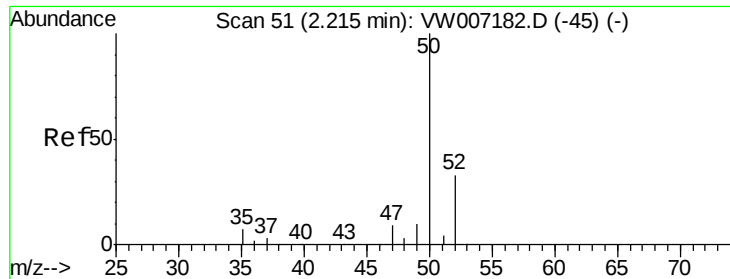
87 31.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.703 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 50 Resp: 68343

Ion Ratio Lower Upper

50 100

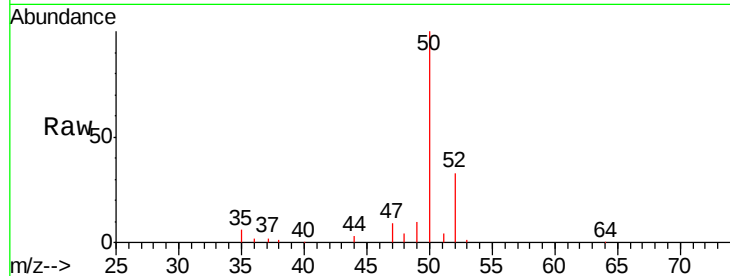
52 32.6 26.2 39.2

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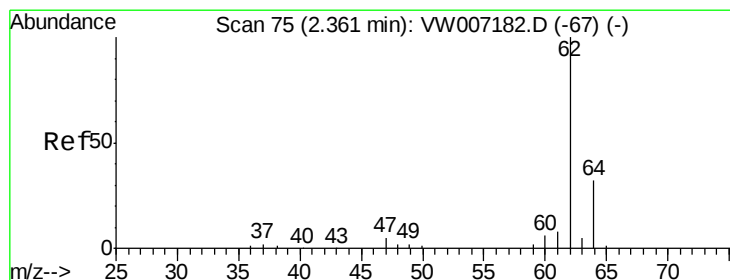
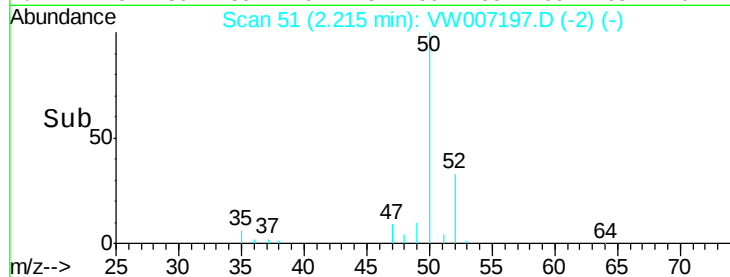
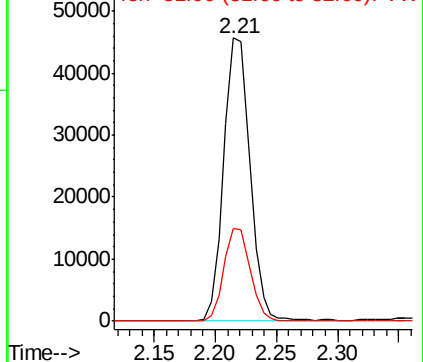
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 48.892 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007197.D

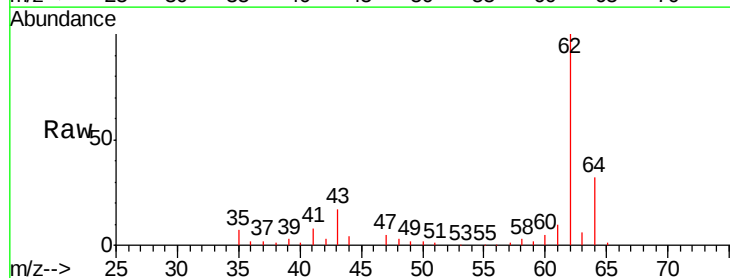
Acq: 04 Dec 2018 19:29

Tgt Ion: 62 Resp: 44797

Ion Ratio Lower Upper

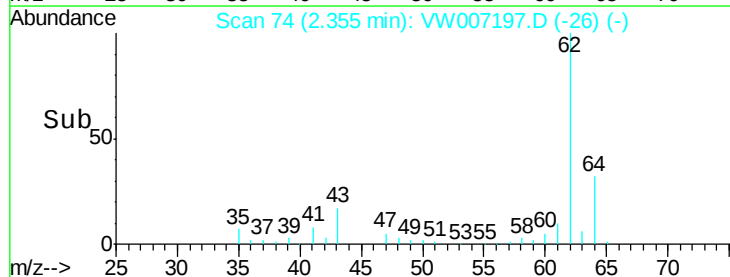
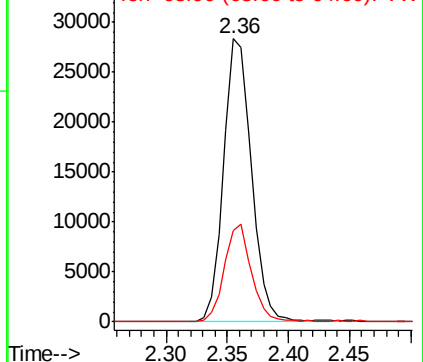
62 100

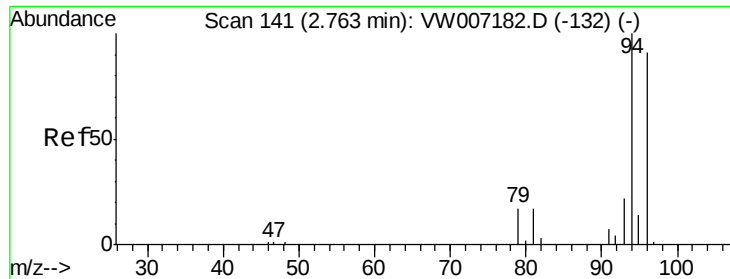
64 32.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 55.888 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

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Tgt Ion: 94 Resp: 25660

Ion Ratio Lower Upper

94 100

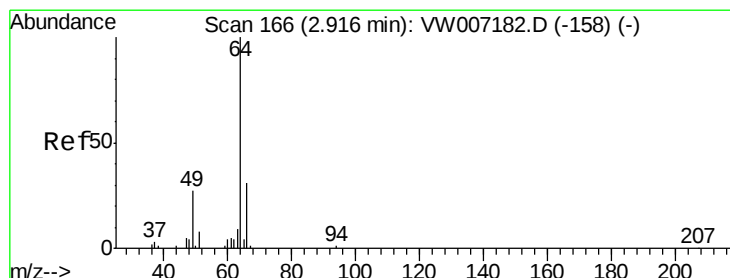
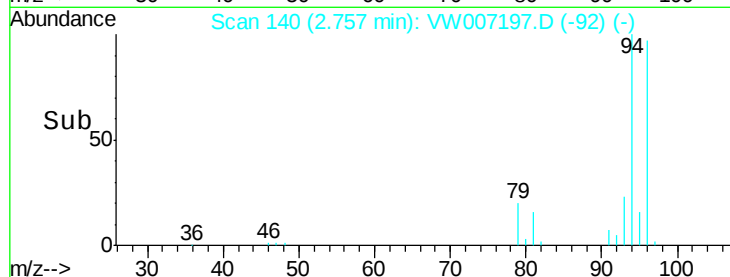
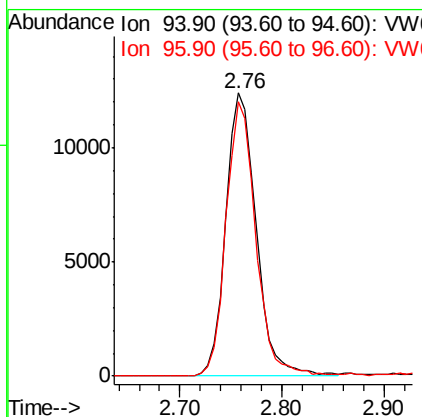
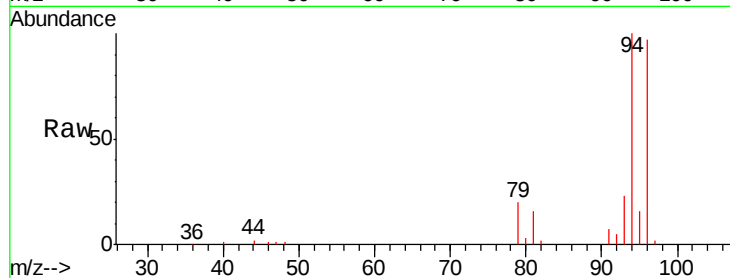
96 96.8 72.8 109.2

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#6

Chloroethane

Concen: 49.423 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW007197.D

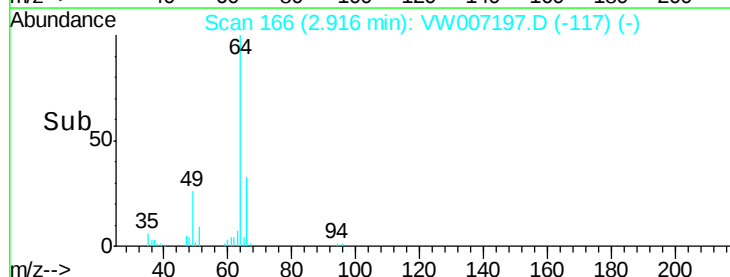
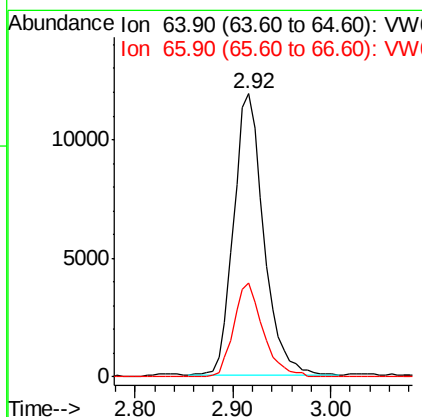
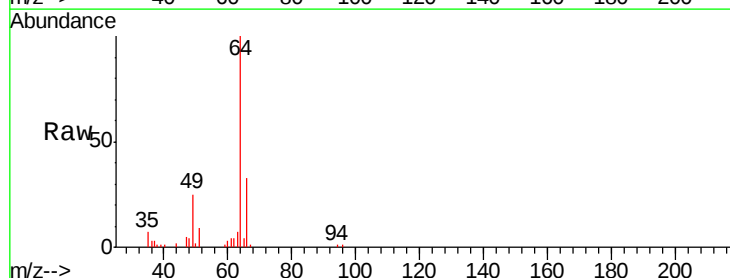
Acq: 04 Dec 2018 19:29

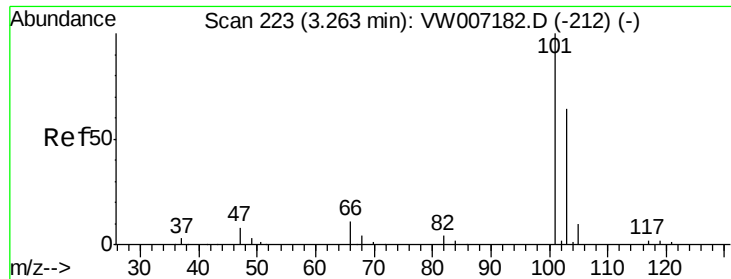
Tgt Ion: 64 Resp: 25408

Ion Ratio Lower Upper

64 100

66 33.5 25.0 37.6





#7

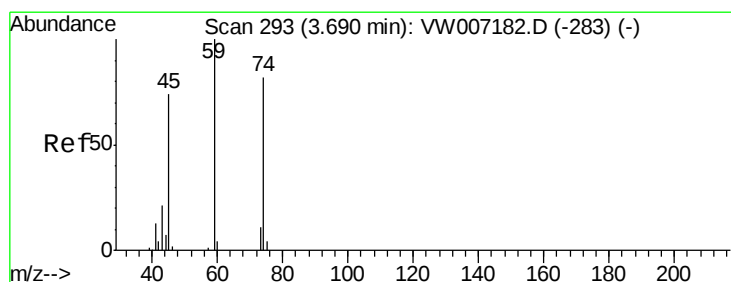
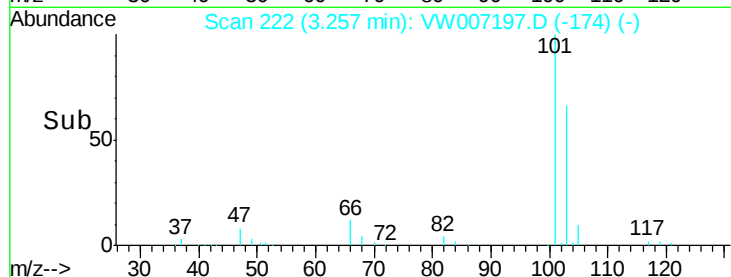
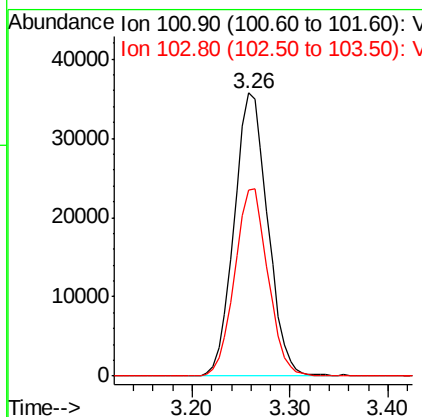
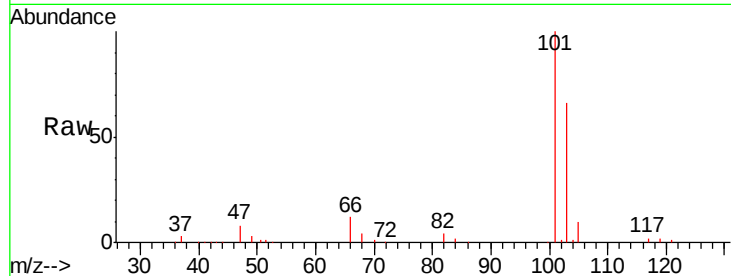
Trichlorofluoromethane
 Concen: 47.662 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.9	50.9	76.3

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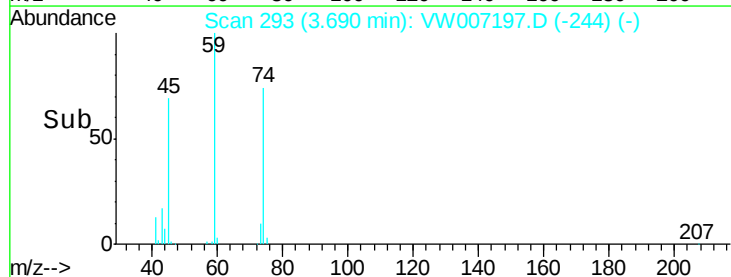
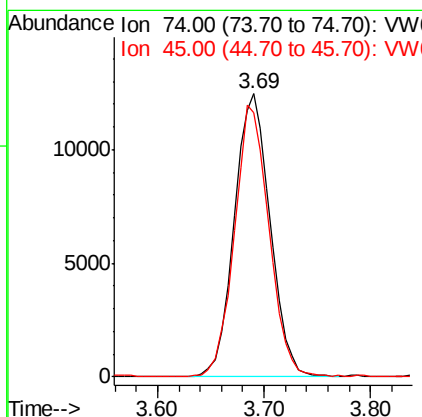
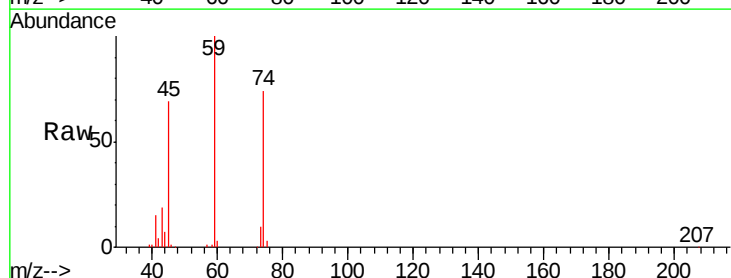
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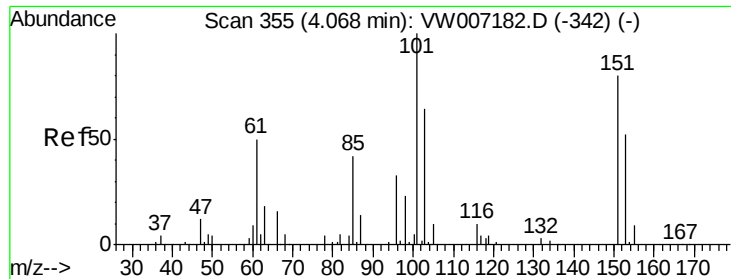


#8

Diethyl Ether
 Concen: 59.145 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.7	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.994 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

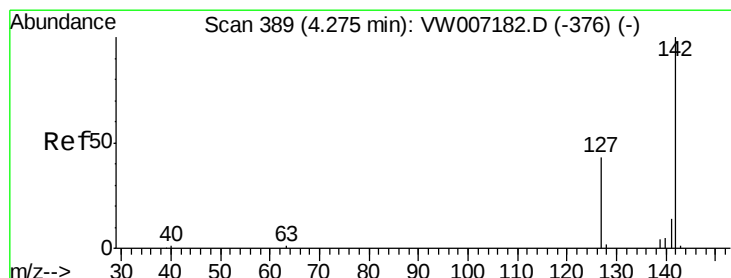
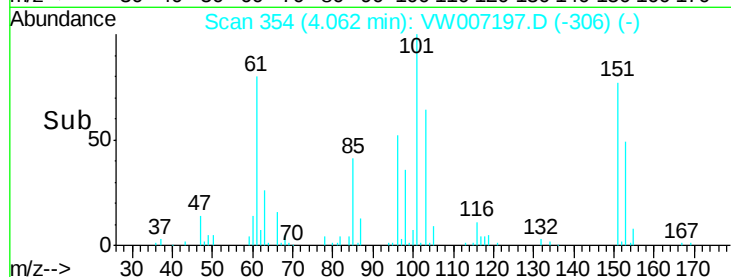
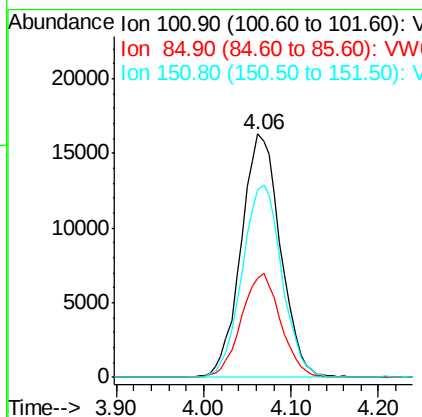
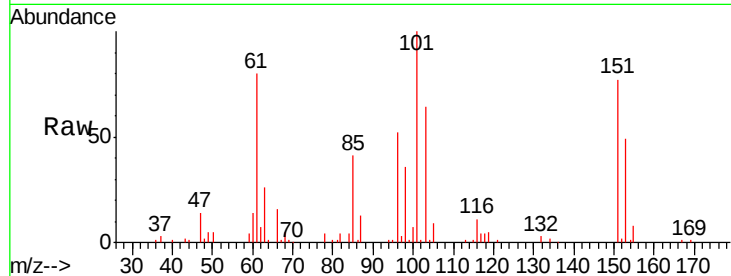
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	101	Resp:	50711
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.4	50.2
151	80.1	63.9	95.9

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#10

Methyl Iodide

Concen: 46.466 ug/l

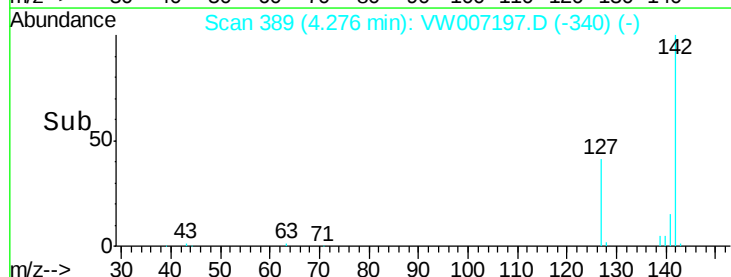
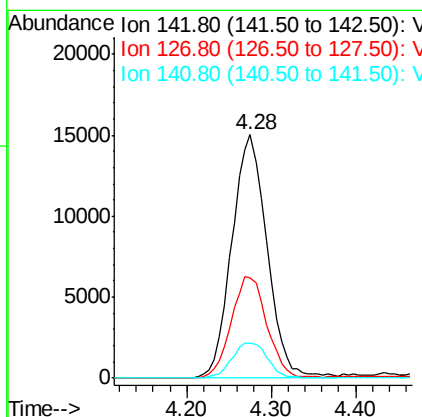
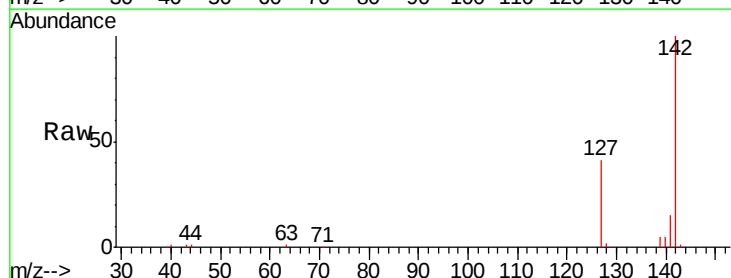
RT: 4.28 min Scan# 389

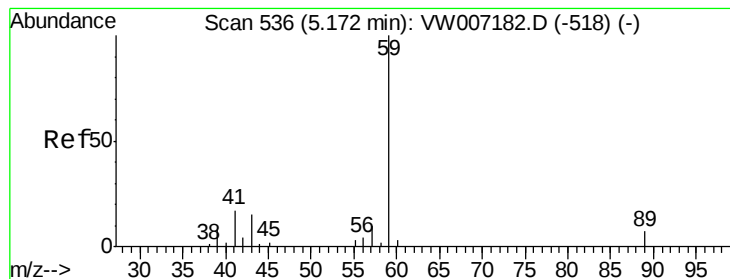
Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Tgt Ion:	142	Resp:	42714
Ion Ratio	Lower	Upper	
142	100		
127	42.1	34.9	52.3
141	14.6	11.7	17.5





#11

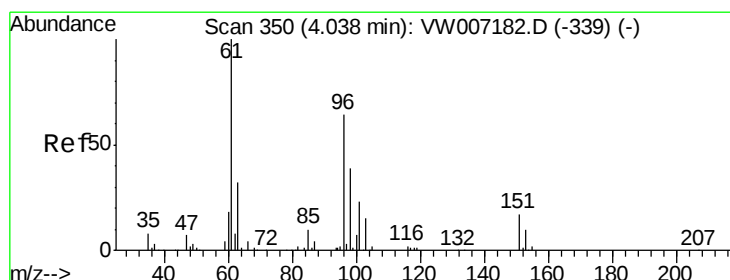
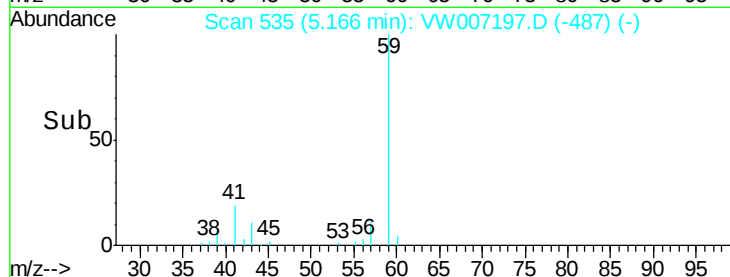
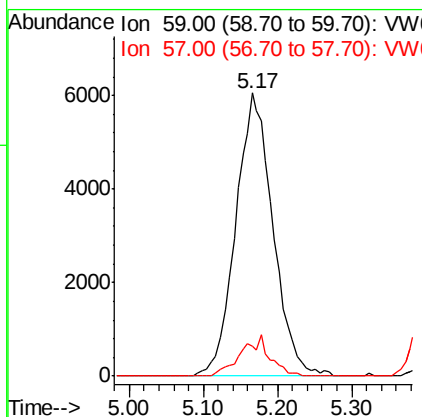
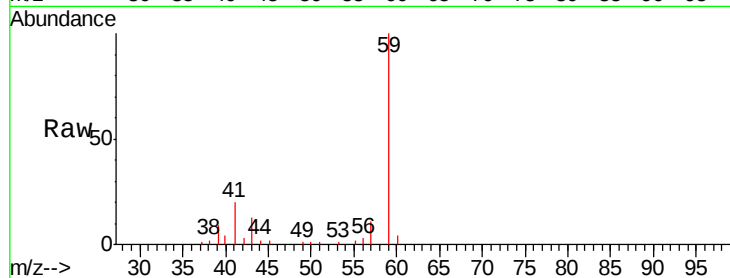
Tert butyl alcohol
 Concen: 222.800 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.6	7.1	10.7#

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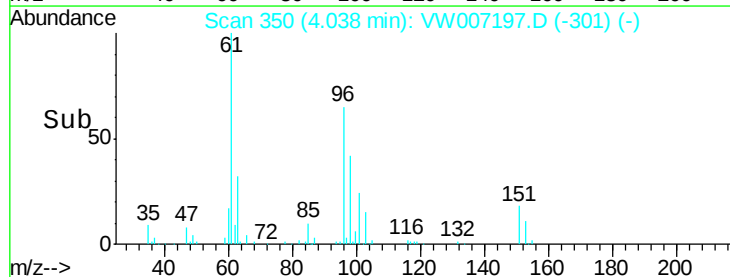
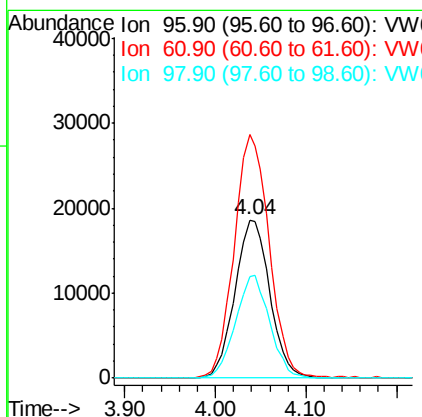
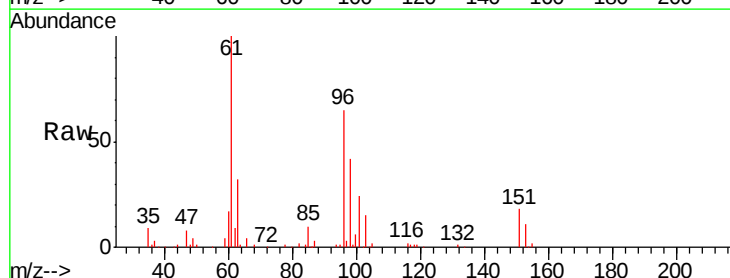
apatel
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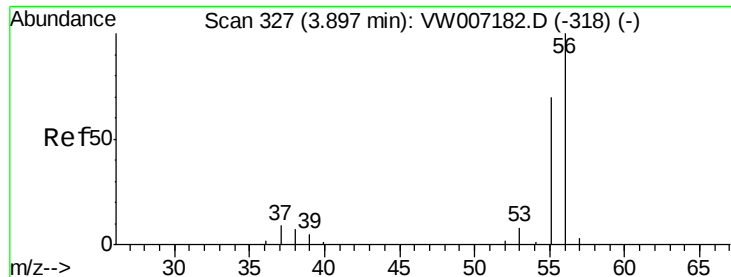


#12

1,1-Dichloroethene
 Concen: 49.146 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	124.1	186.1
98	63.9	48.6	72.8





#13

Acrolein

Concen: 211.891 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 56 Resp: 14600

Ion Ratio Lower Upper

56 100

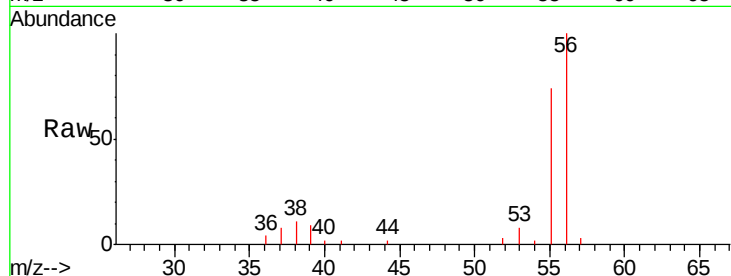
55 72.7 56.9 85.3

Manual Integrations

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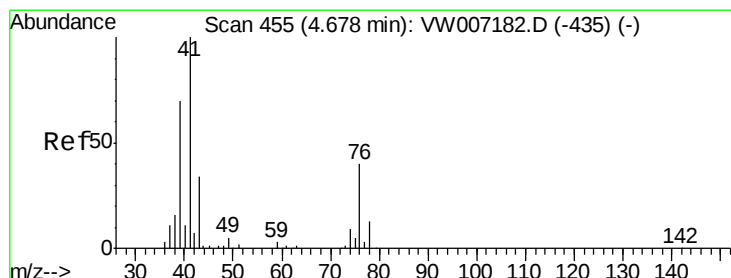
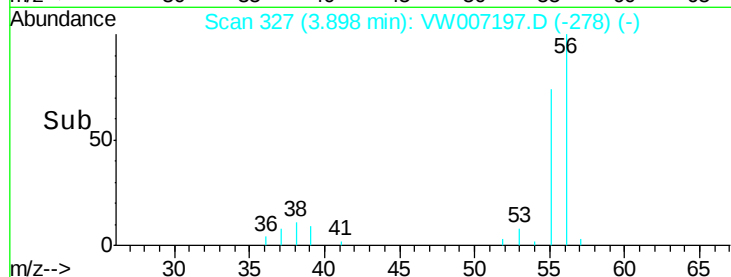
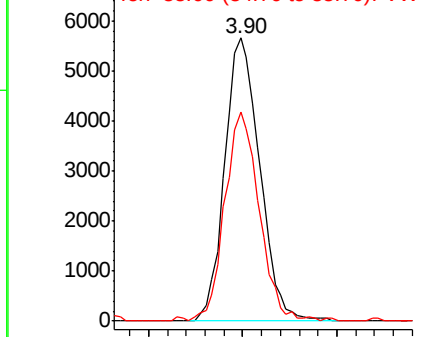
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 50.336 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

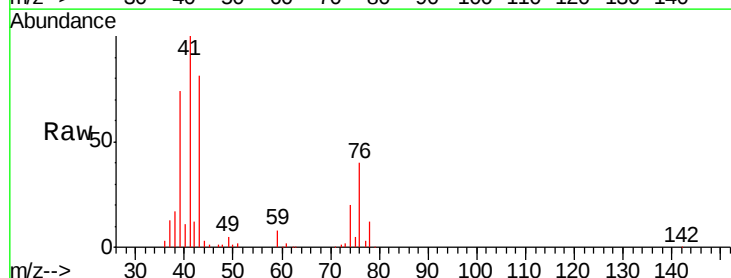
Tgt Ion: 41 Resp: 81593

Ion Ratio Lower Upper

41 100

39 70.7 55.9 83.9

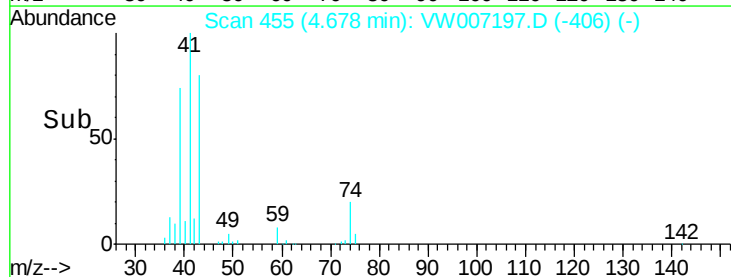
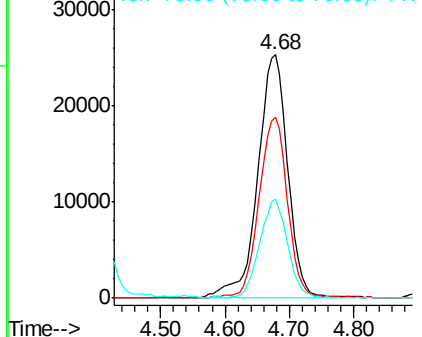
76 37.8 30.8 46.2

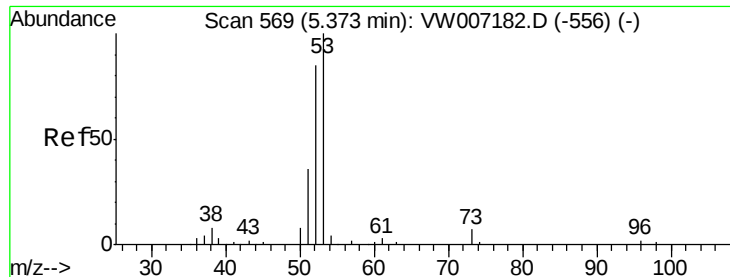


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 300.482 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

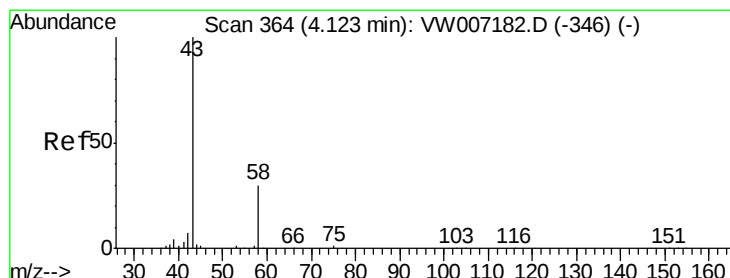
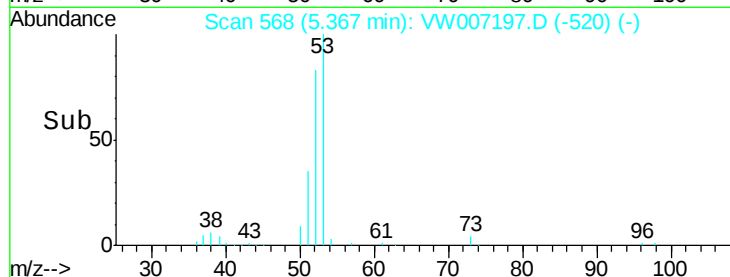
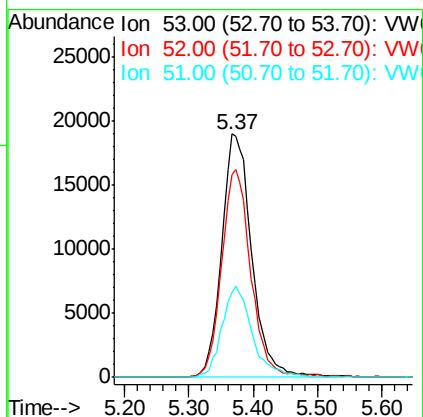
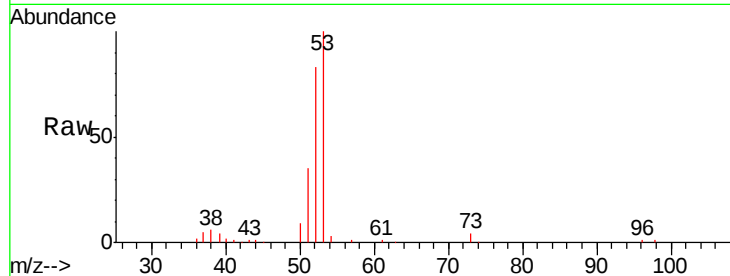
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	53	Resp:	62548
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	37.6	30.3	45.5

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#16

Acetone

Concen: 218.730 ug/l

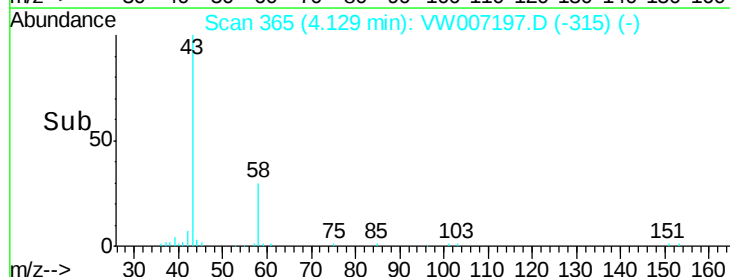
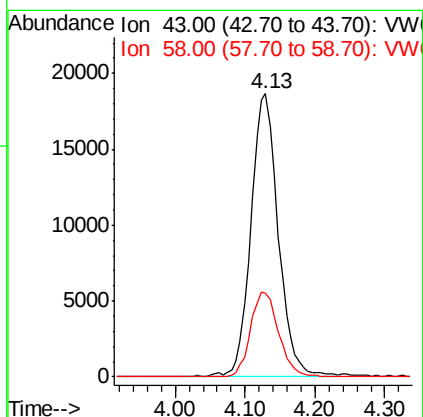
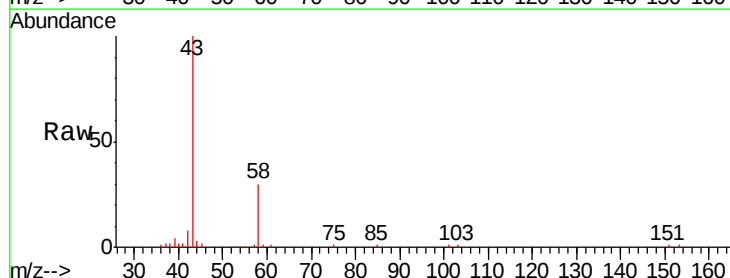
RT: 4.13 min Scan# 365

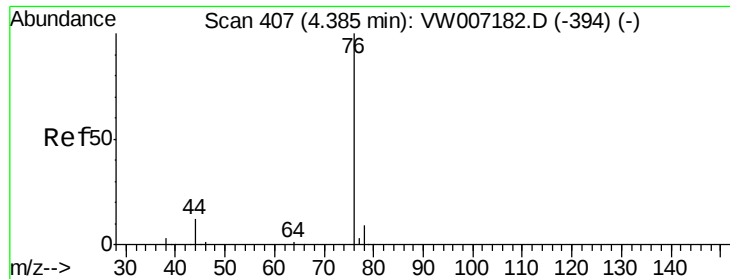
Delta R.T. 0.01 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Tgt Ion:	43	Resp:	50919
Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.8	35.8





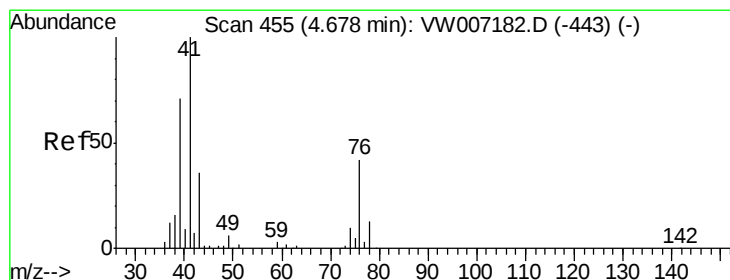
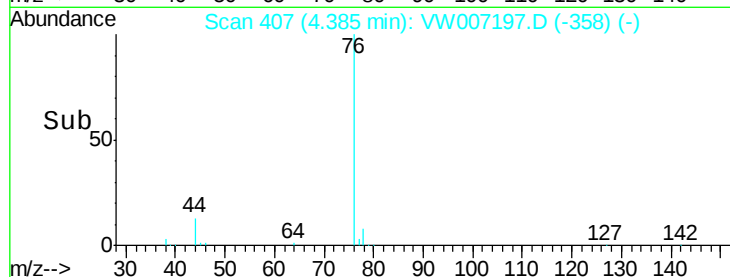
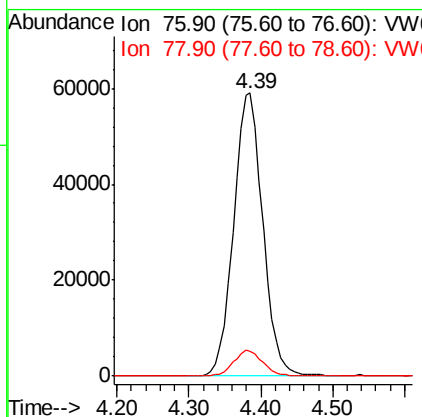
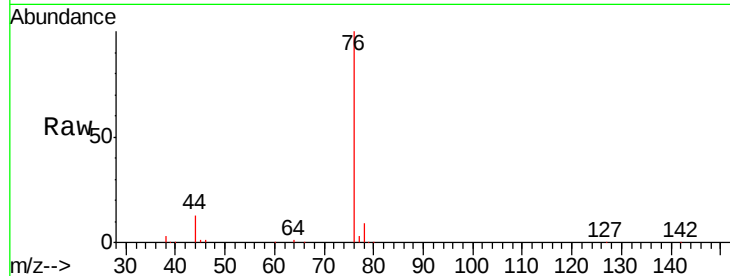
#17
Carbon Disulfide
Concen: 49.673 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion: 76 Resp: 165582
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

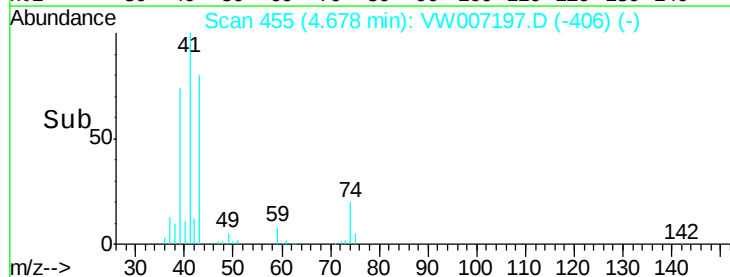
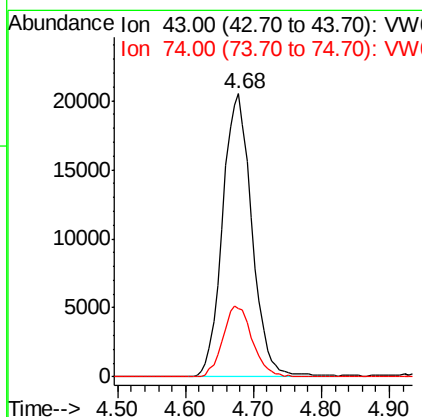
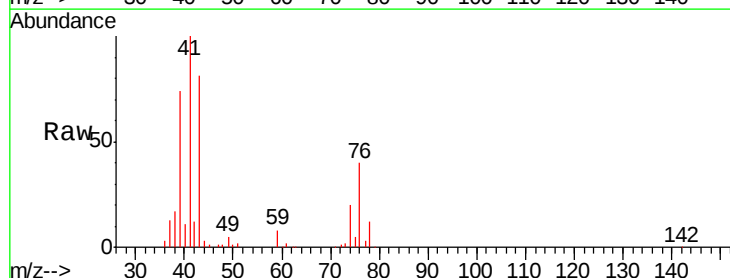
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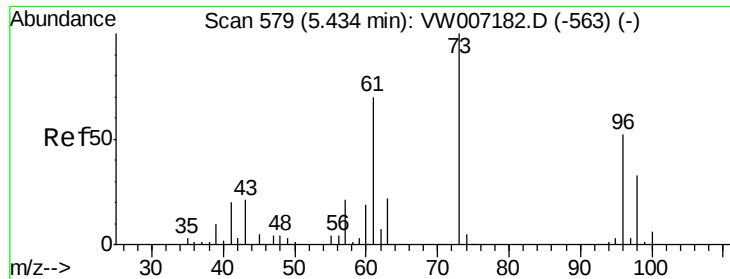
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#18
Methyl Acetate
Concen: 115.493 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion: 43 Resp: 61370
Ion Ratio Lower Upper
43 100
74 25.0 20.1 30.1





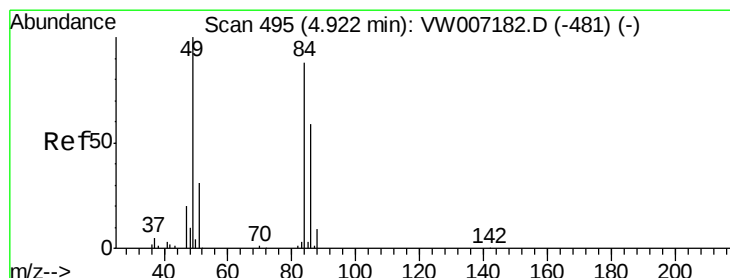
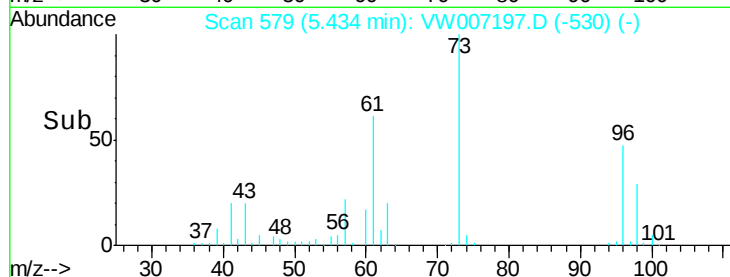
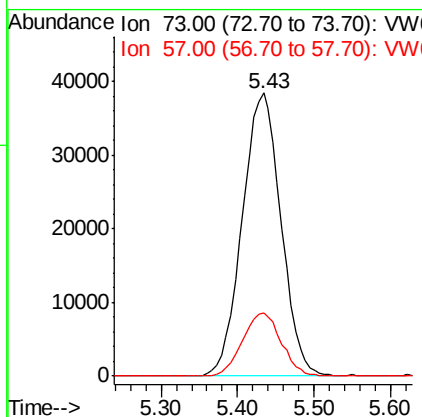
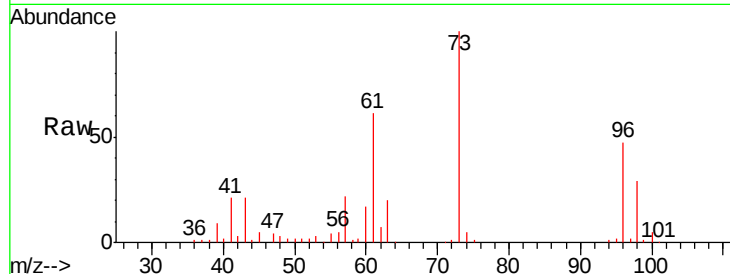
#19
Methyl tert-butyl Ether
Concen: 56.866 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion: 73 Resp: 135396
Ion Ratio Lower Upper
73 100
57 22.3 16.6 25.0

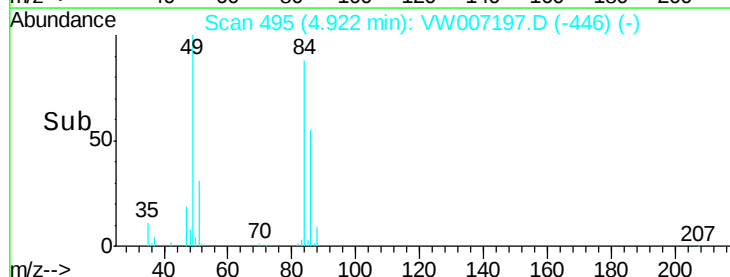
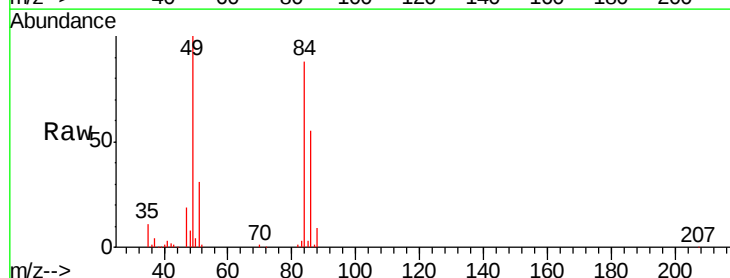
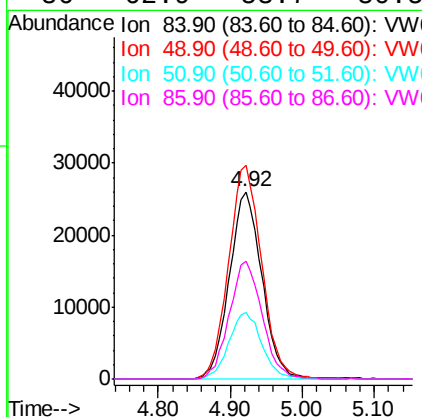
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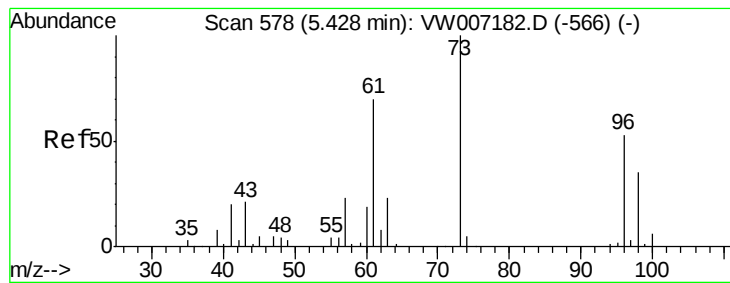
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#20
Methylene Chloride
Concen: 72.099 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion: 84 Resp: 81822
Ion Ratio Lower Upper
84 100
49 114.0 90.6 135.8
51 35.5 27.6 41.4
86 62.9 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 49.857 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

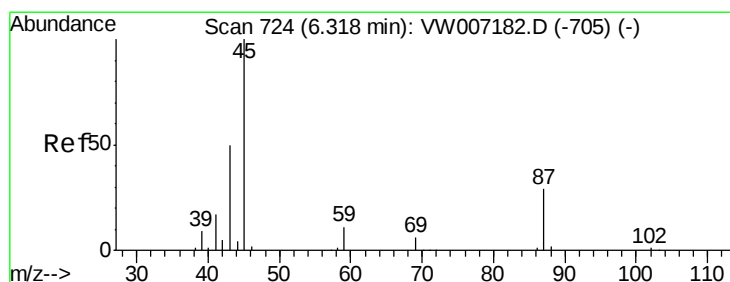
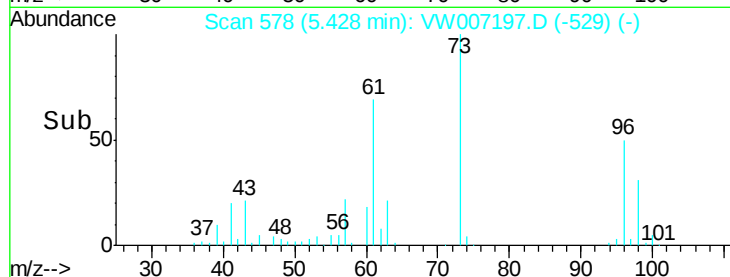
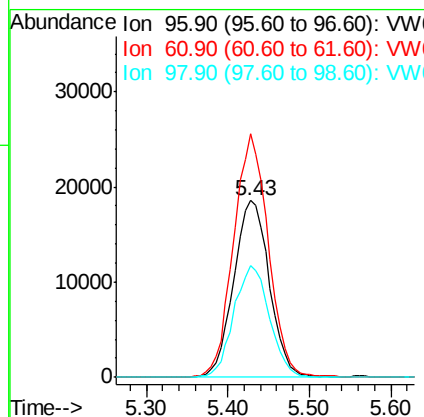
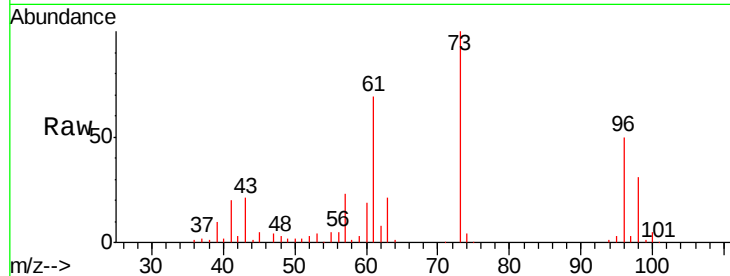
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	96	Resp:	56298
Ion	Ratio	Lower	Upper
96	100		
61	137.6	105.5	158.3
98	63.0	52.6	79.0

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#22

Diisopropyl ether

Concen: 54.970 ug/l

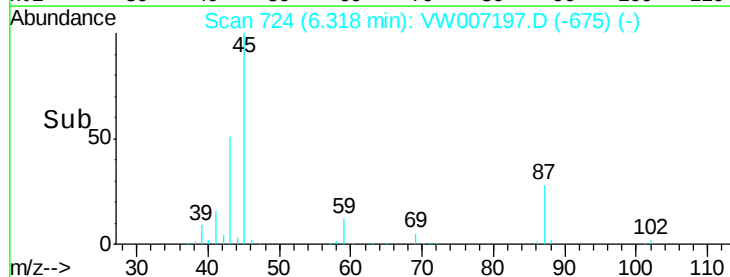
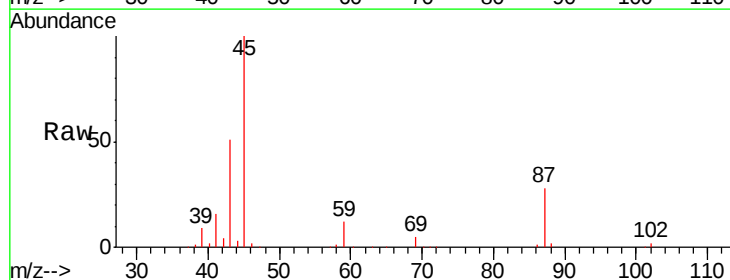
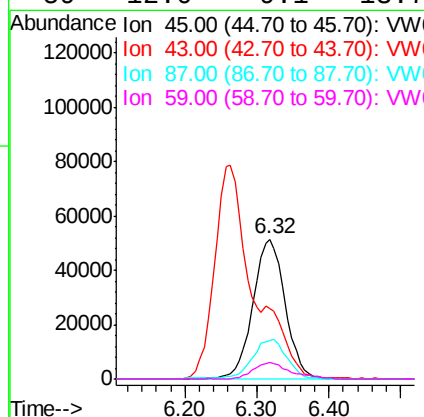
RT: 6.32 min Scan# 724

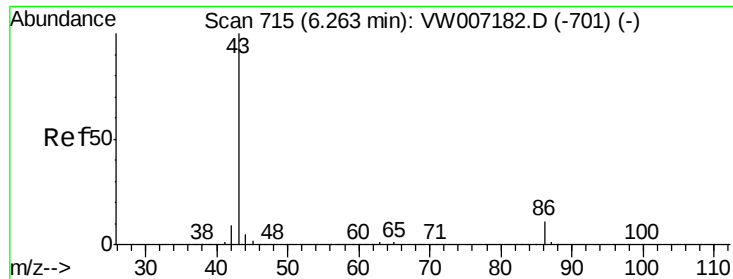
Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Tgt Ion:	45	Resp:	159958
Ion	Ratio	Lower	Upper
45	100		
43	50.4	40.8	61.2
87	27.6	24.0	36.0
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 186.157 ug/l m

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 43 Resp: 295577

Ion Ratio Lower Upper

43 100

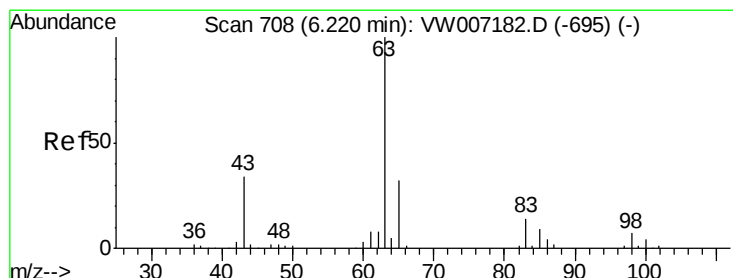
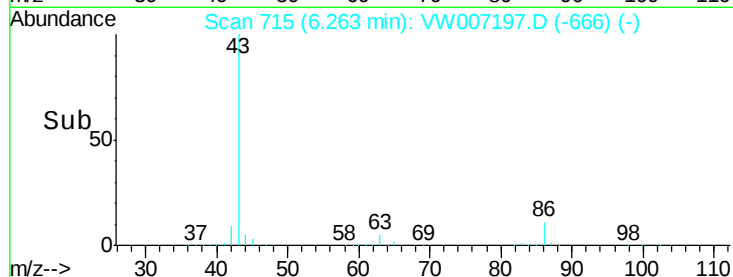
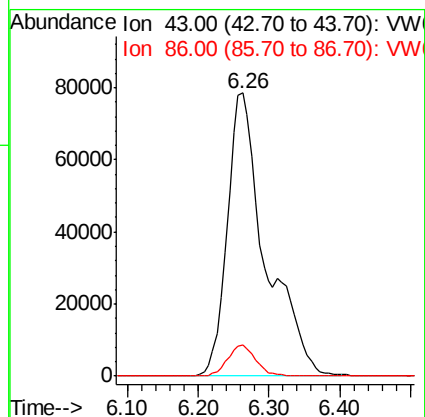
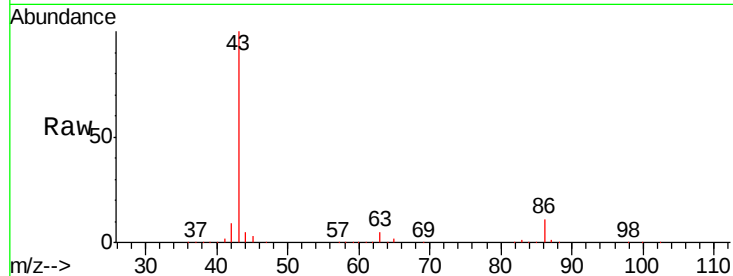
86 10.9 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 49.216 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

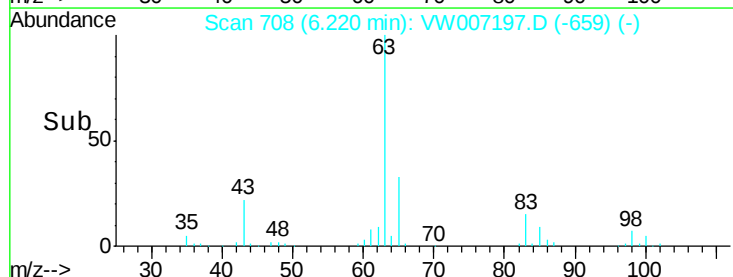
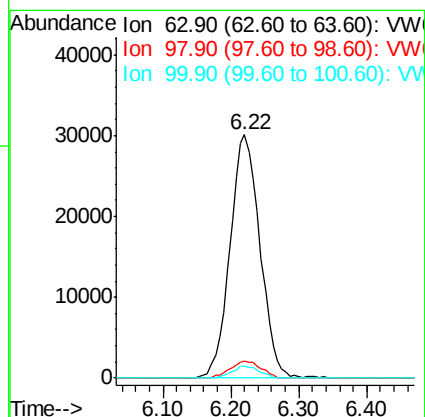
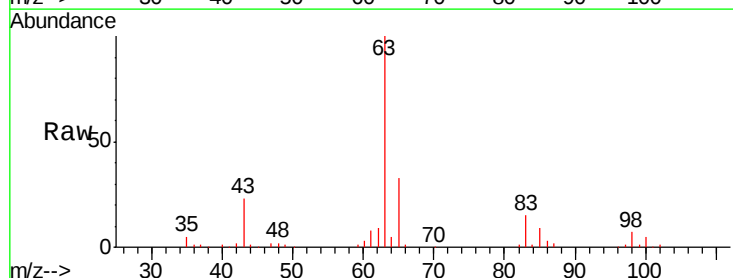
Tgt Ion: 63 Resp: 91791

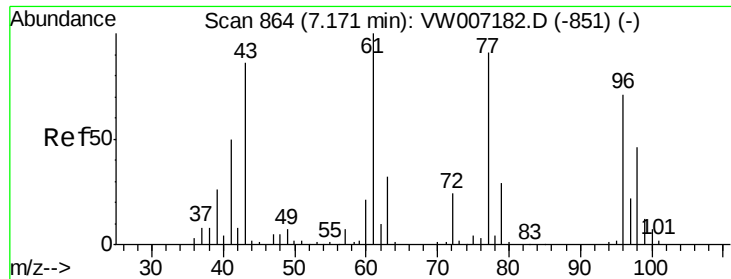
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.8 2.1 6.2





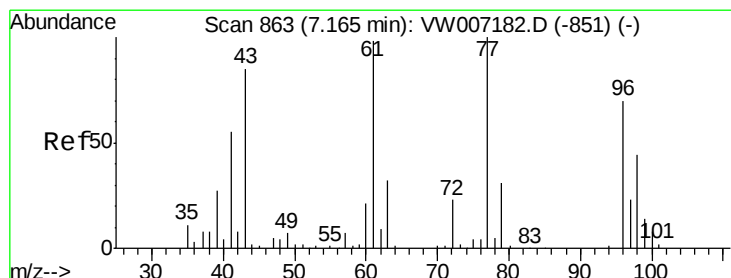
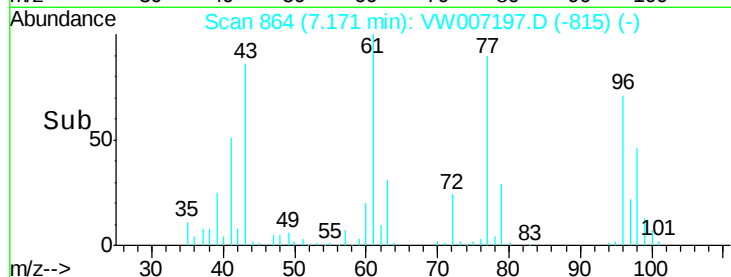
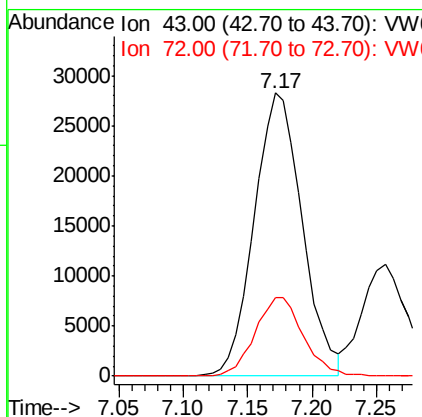
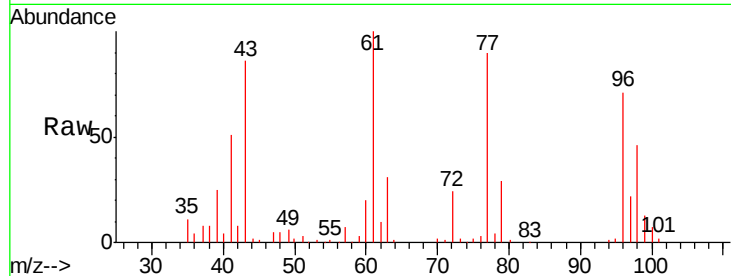
#25
2-Butanone
Concen: 270.949 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion: 43 Resp: 73117
Ion Ratio Lower Upper
43 100
72 28.0 22.8 34.2

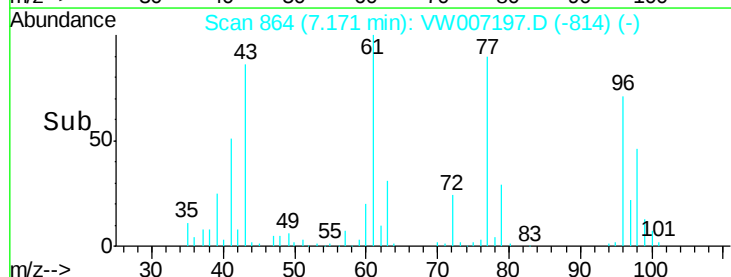
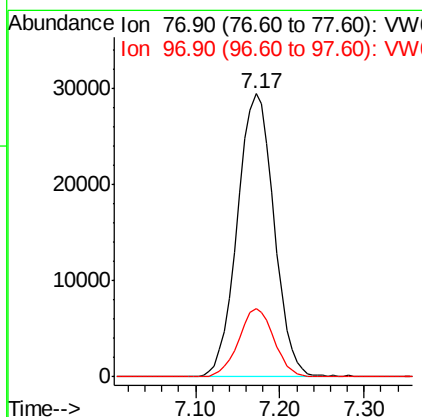
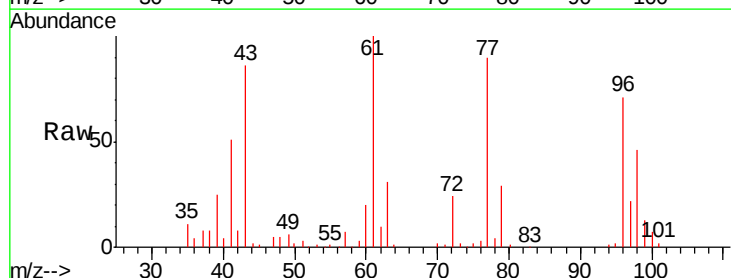
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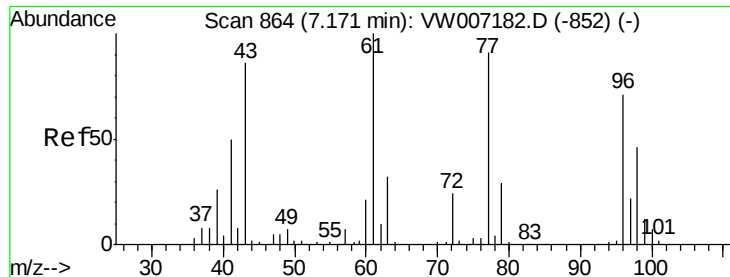
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#26
2,2-Dichloropropane
Concen: 48.385 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion: 77 Resp: 86721
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.4





#27

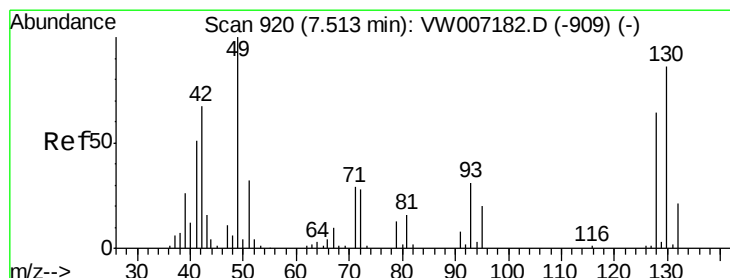
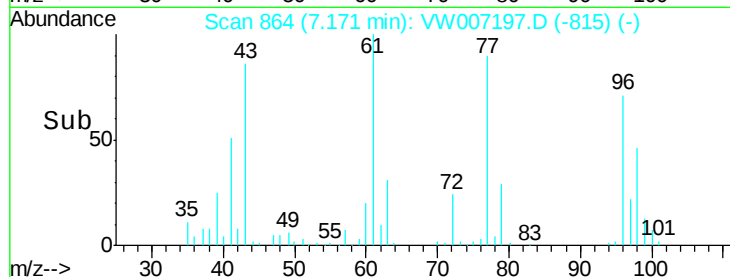
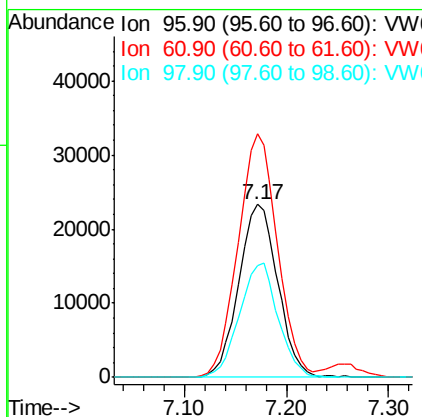
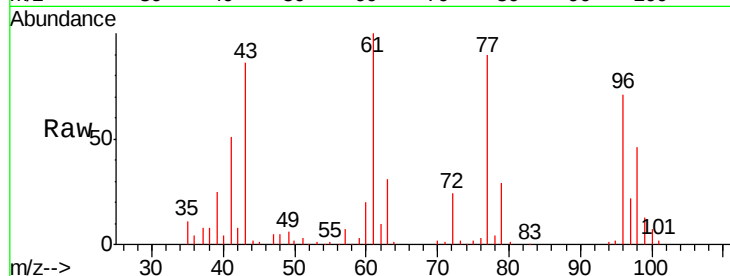
cis-1,2-Dichloroethene
Concen: 51.111 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	61869		
61	142.5	0.0	282.4	
98	65.7	0.0	129.8	

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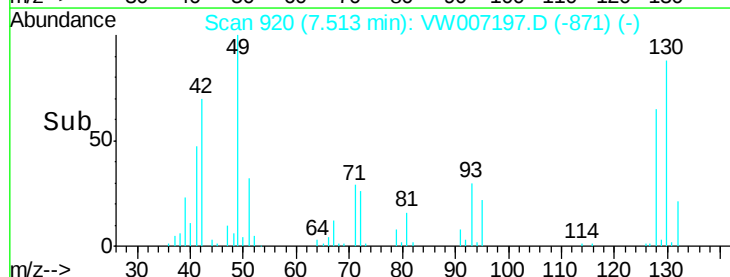
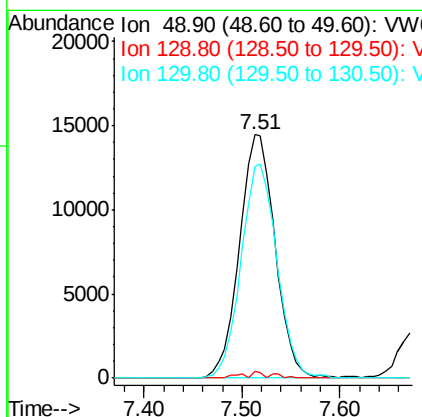
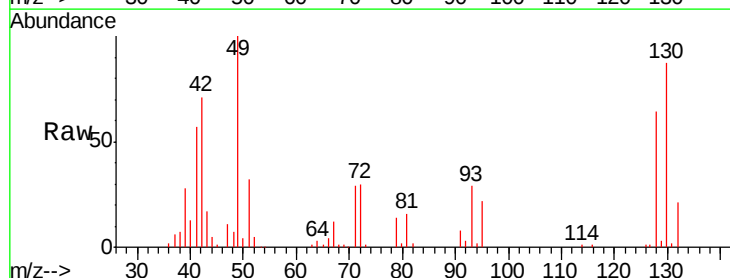
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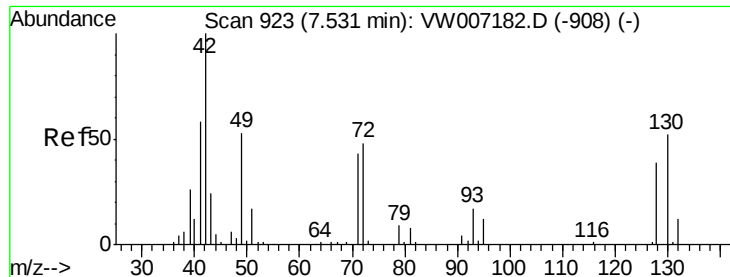


#28

Bromochloromethane
Concen: 54.435 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	36608		
129	1.3	0.0	3.8	
130	88.4	70.3	105.5	





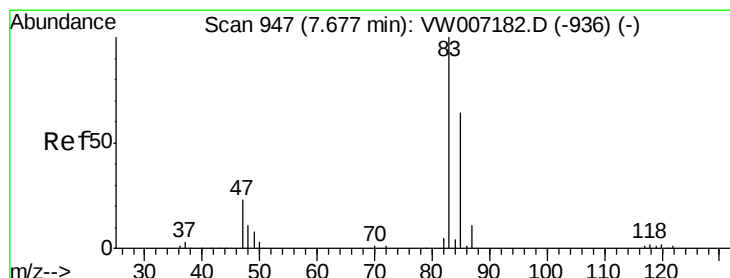
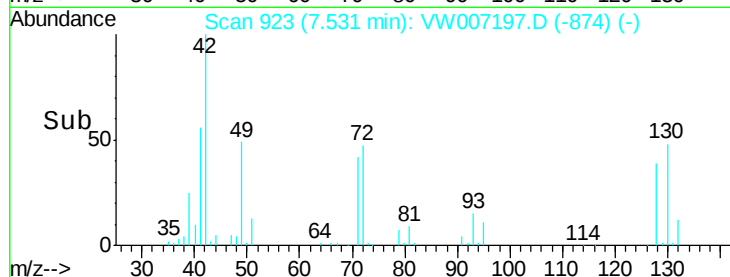
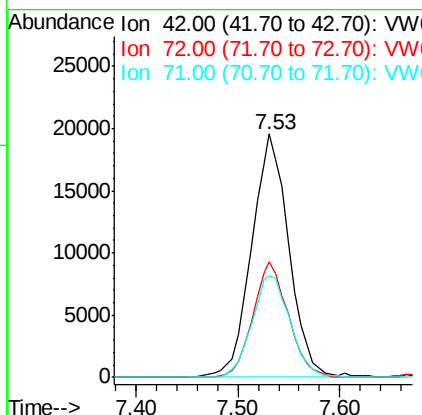
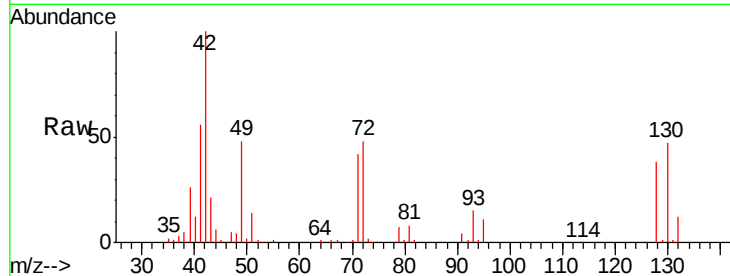
#29
Tetrahydrofuran
Concen: 296.500 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.6	55.0
71	43.0	34.8	52.2

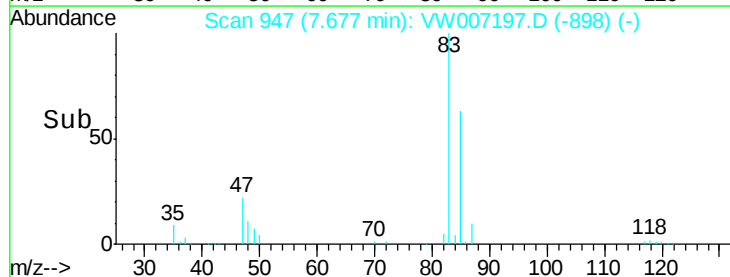
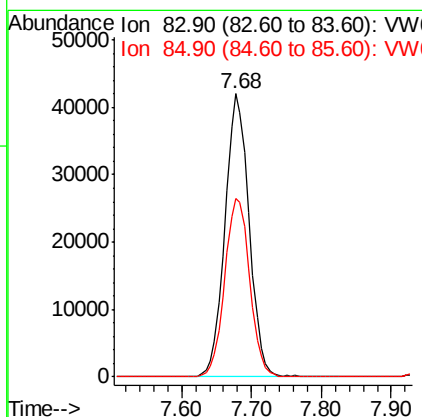
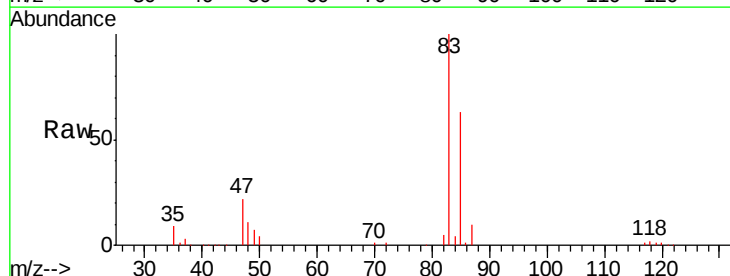
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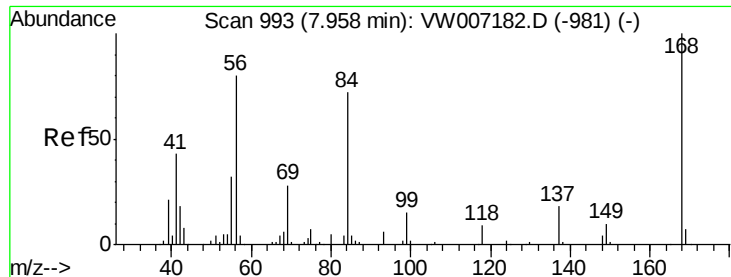
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#30
Chloroform
Concen: 51.948 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3





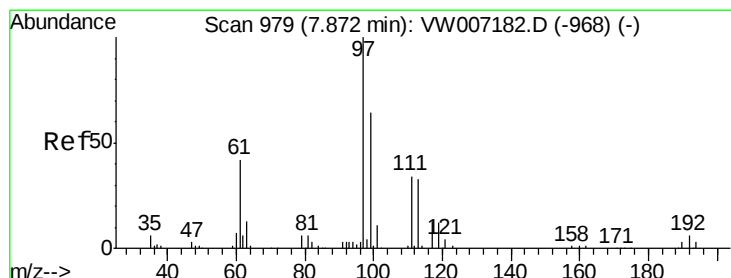
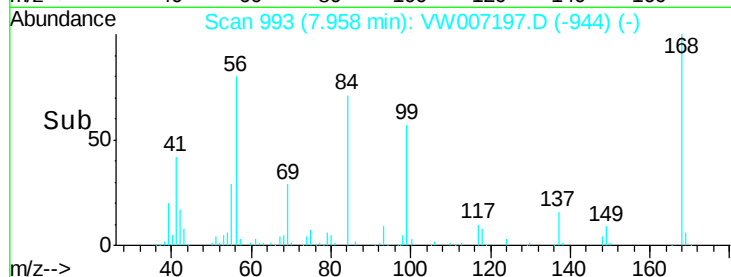
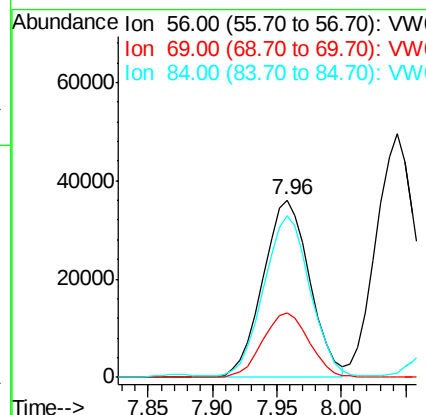
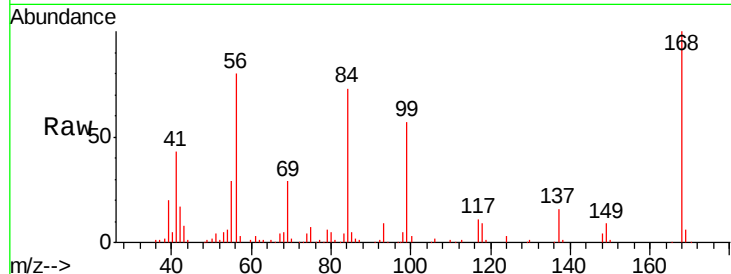
#31
Cyclohexane
Concen: 46.527 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion: 56 Resp: 90794
Ion Ratio Lower Upper
56 100
69 36.3 28.2 42.2
84 89.9 72.1 108.1

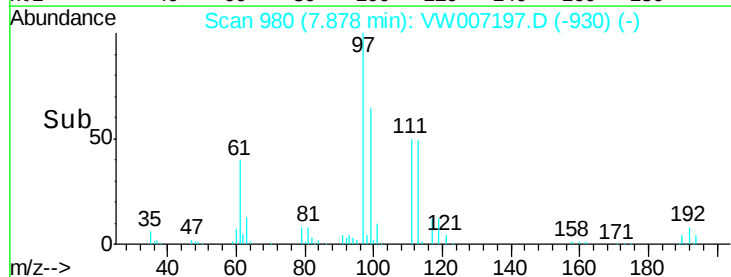
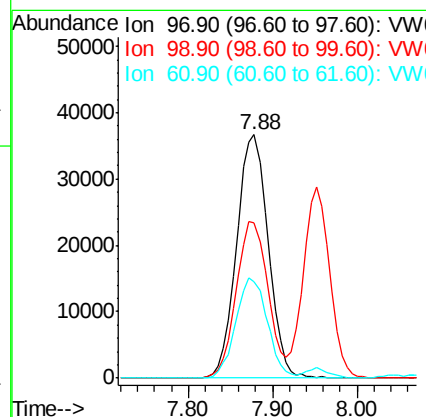
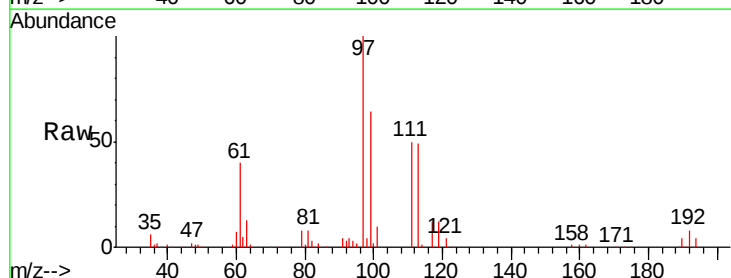
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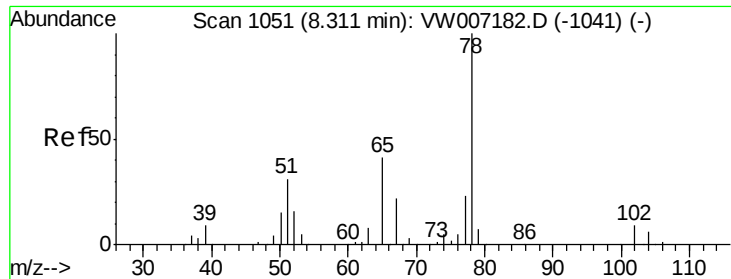
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#32
1,1,1-Trichloroethane
Concen: 50.941 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion: 97 Resp: 92923
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 41.4 33.2 49.8





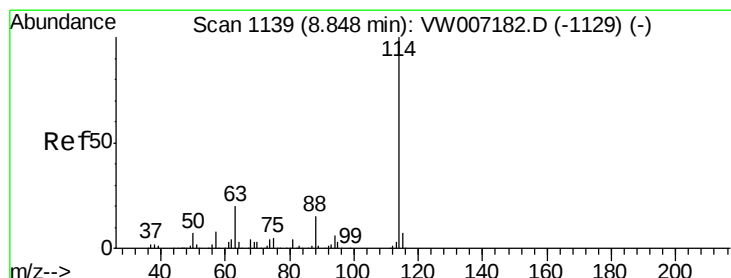
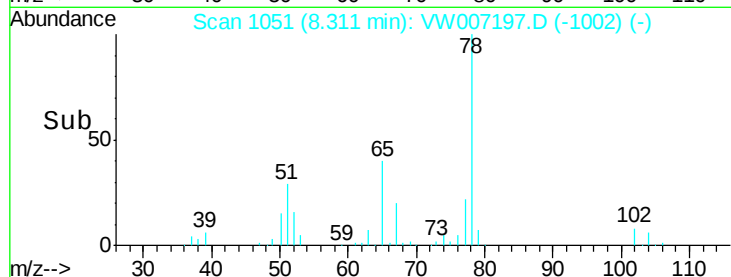
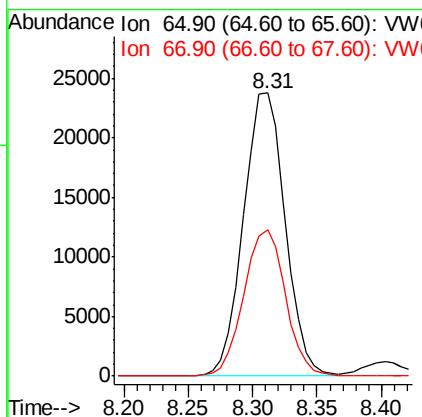
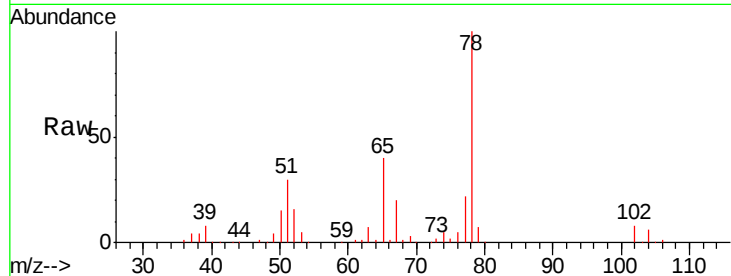
#33
 1,2-Dichloroethane-d4
 Concen: 54.218 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	53316		
67	51.6	0.0	106.4	

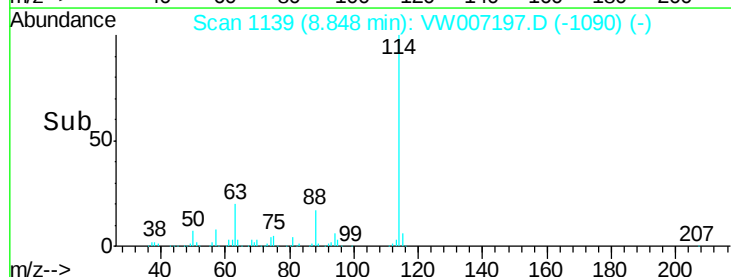
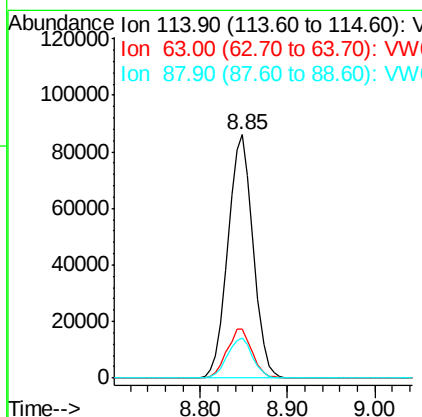
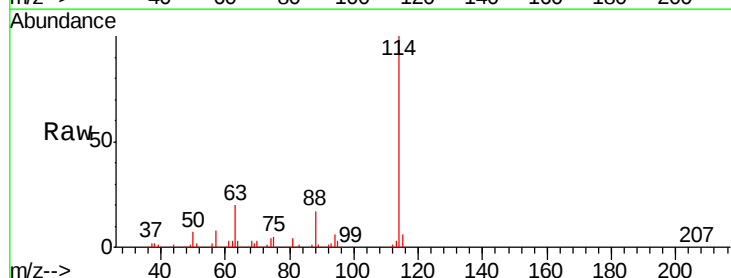
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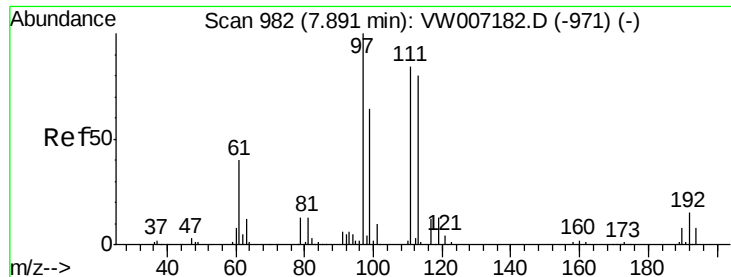
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	171914		
63	19.9	0.0	40.2	
88	16.5	0.0	30.0	





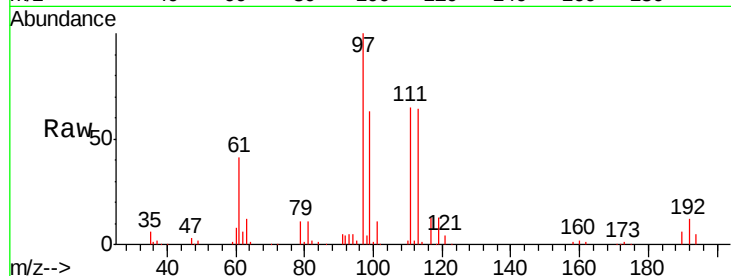
#35
 Dibromofluoromethane
 Concen: 50.611 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	49820		
111	103.6	82.2	123.4	
192	18.8	14.4	21.6	

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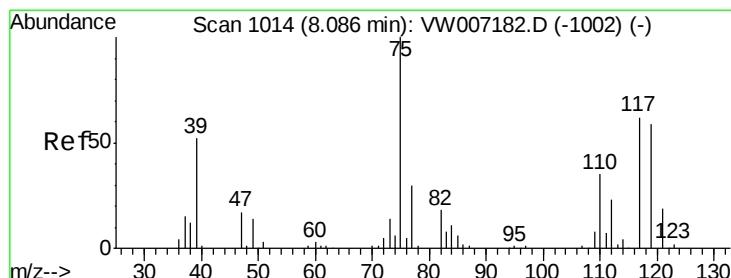
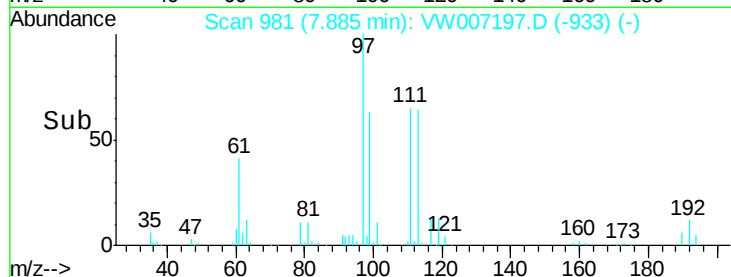
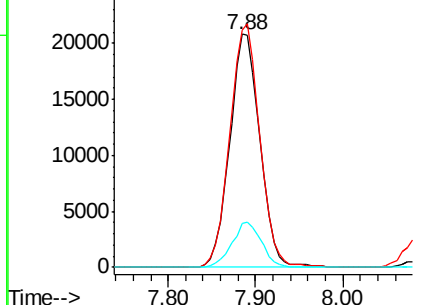


Abundance

Ion 112.80 (112.50 to 113.50): V

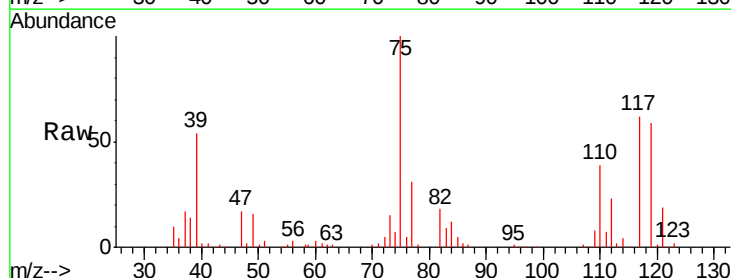
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 48.595 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81287		
110	37.1	18.3	54.9	
77	30.9	24.9	37.3	

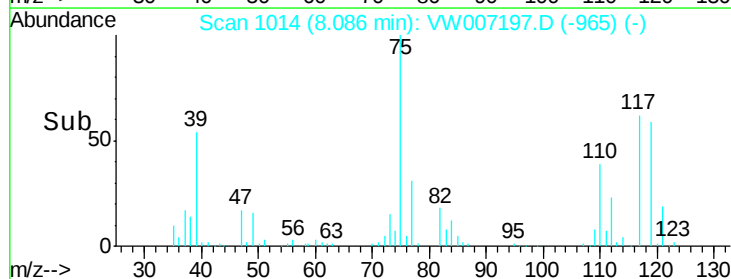
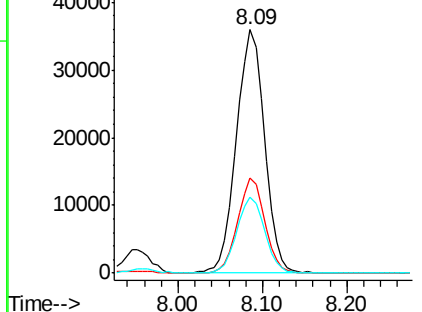


Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





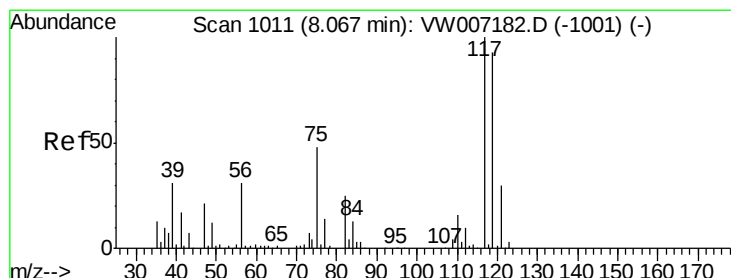
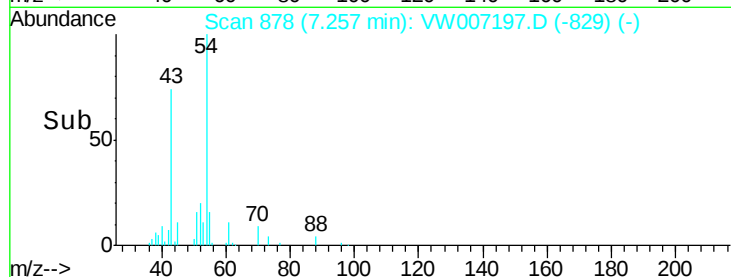
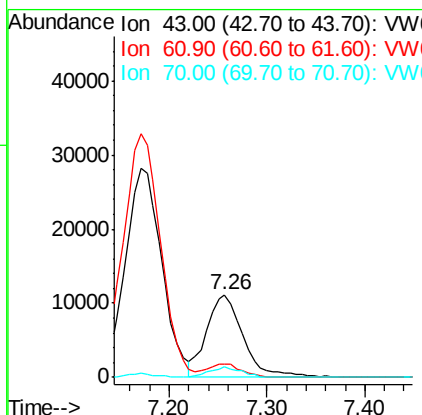
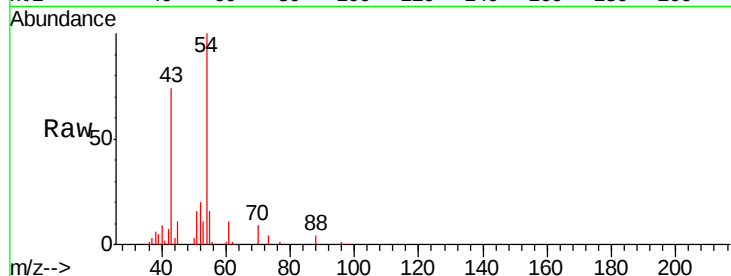
#37
Ethyl Acetate
Concen: 46.933 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.1	18.1
70	11.5	9.1	13.7

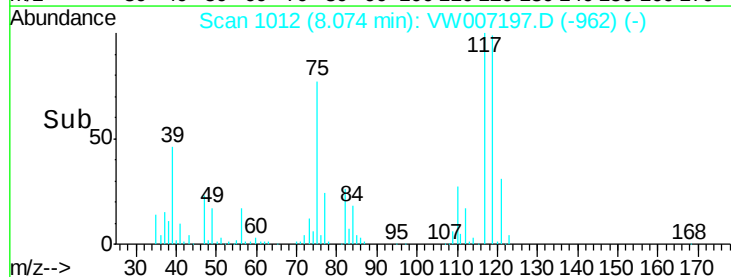
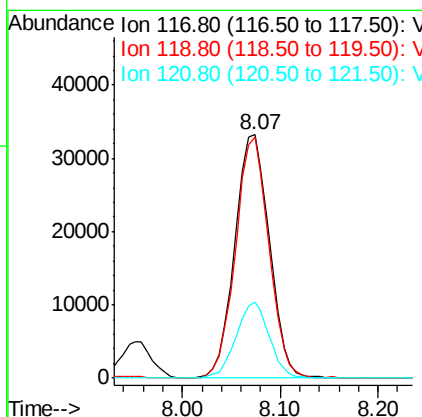
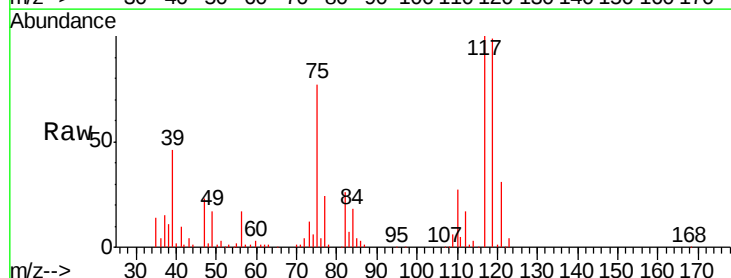
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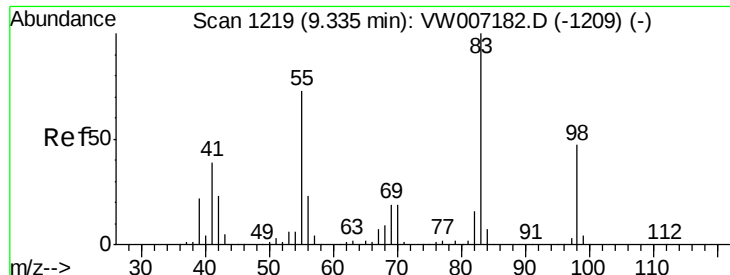
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#38
Carbon Tetrachloride
Concen: 47.951 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	74.1	111.1
121	31.0	23.9	35.9





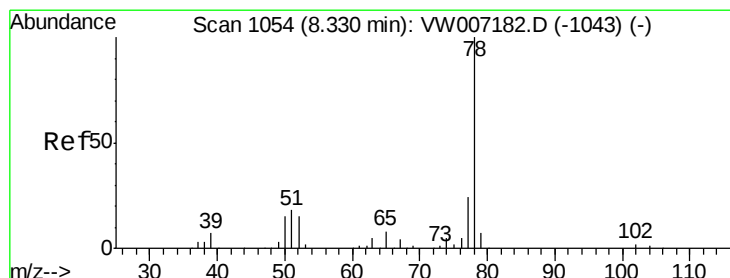
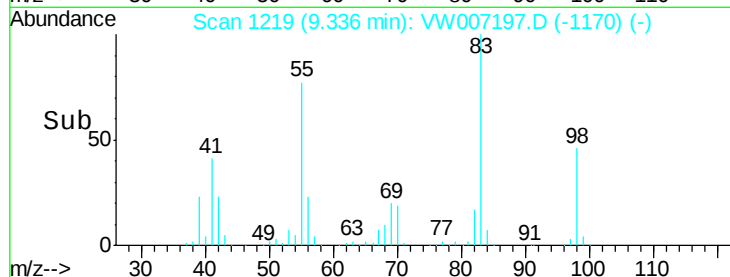
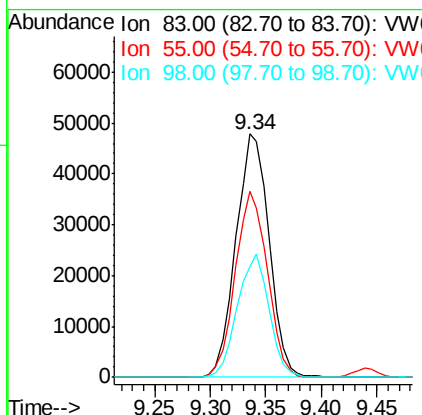
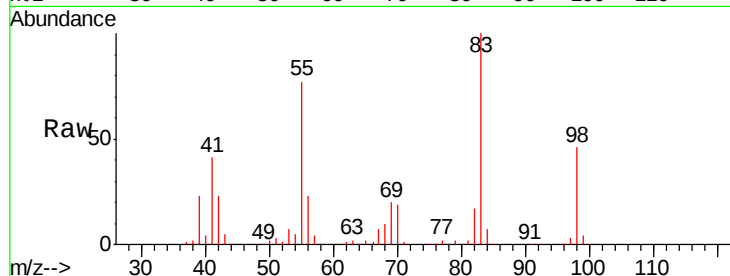
#39
Methylcyclohexane
Concen: 44.345 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.6	58.1	87.1
98	45.5	37.3	55.9

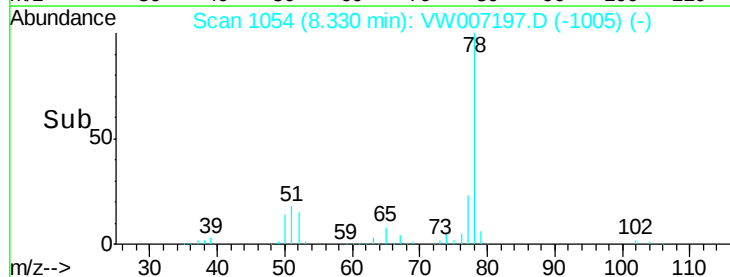
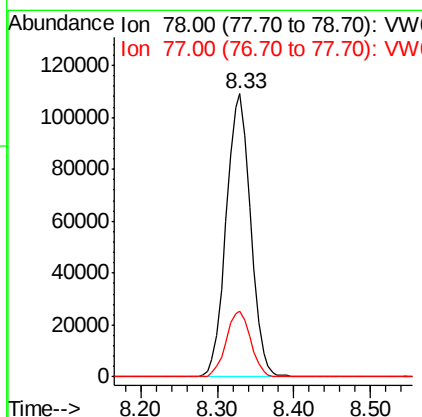
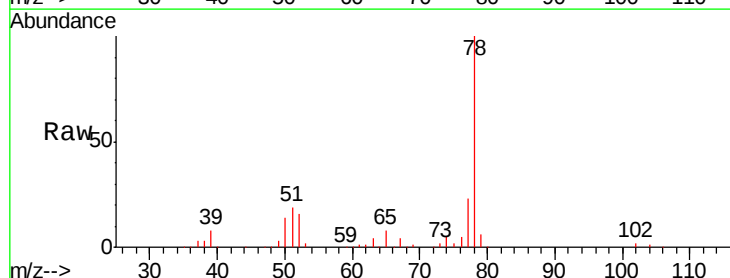
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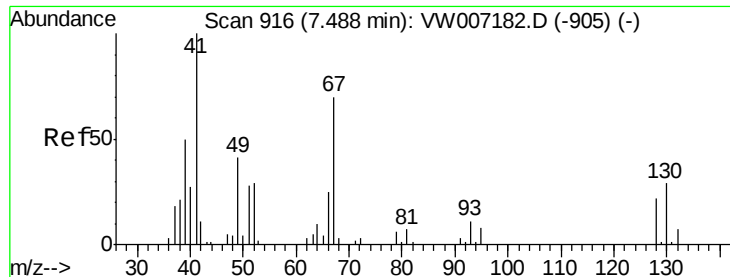
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#40
Benzene
Concen: 52.502 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





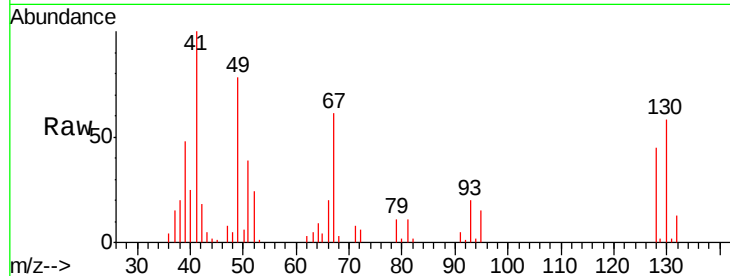
#41
Methacrylonitrile
Concen: 50.300 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

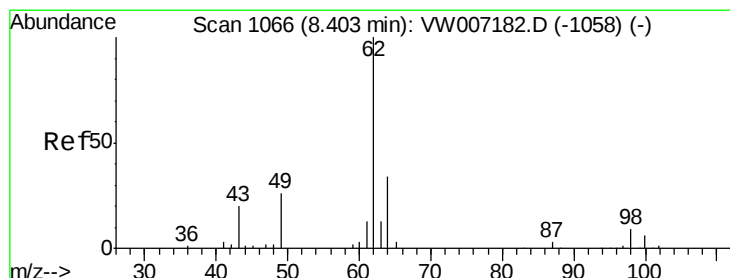
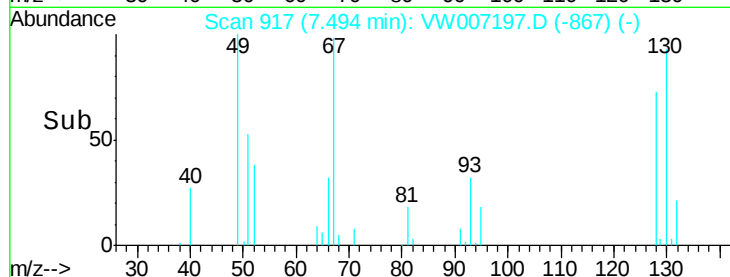
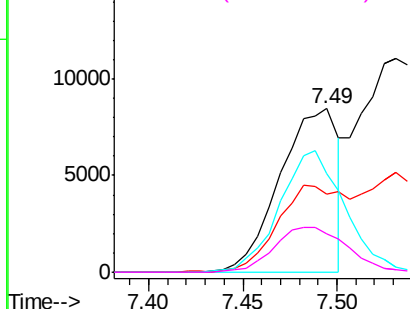
Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.3	43.4	65.0
67	82.6	57.4	86.0
52	34.1	23.3	34.9

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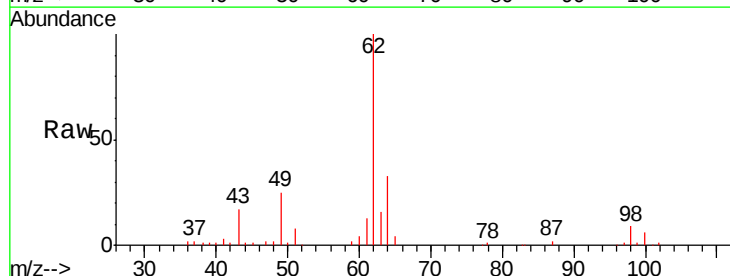


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

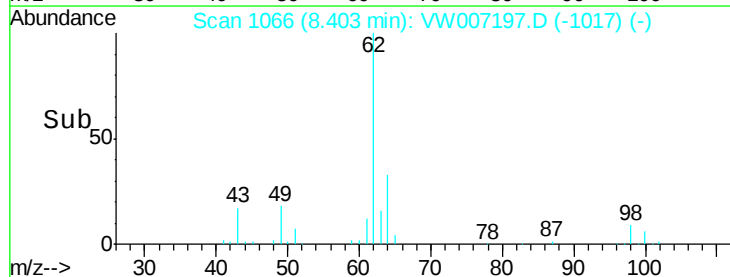
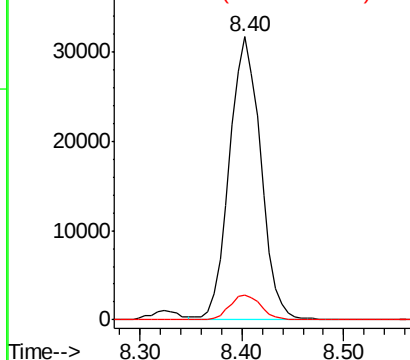


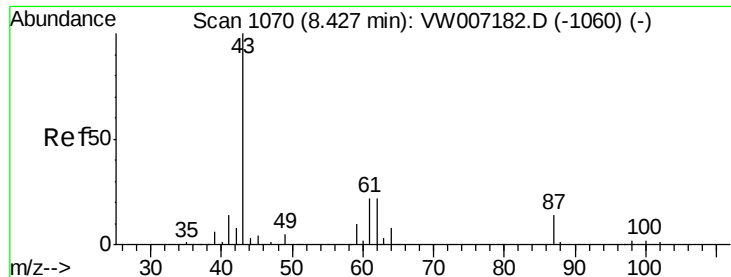
#42
1,2-Dichloroethane
Concen: 52.554 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	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: 51.282 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

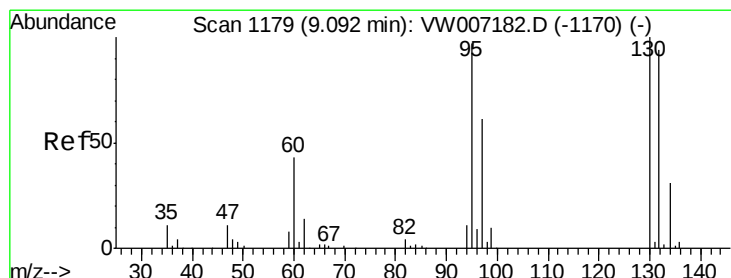
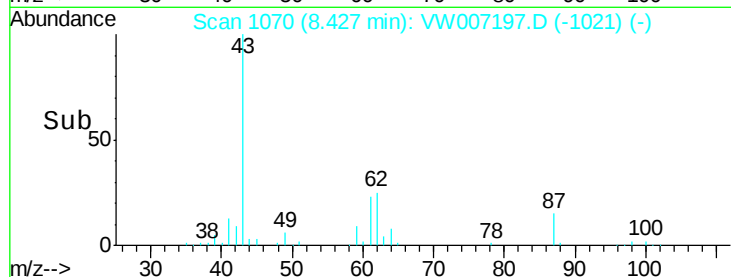
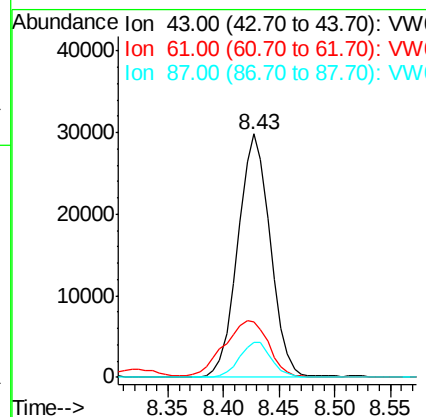
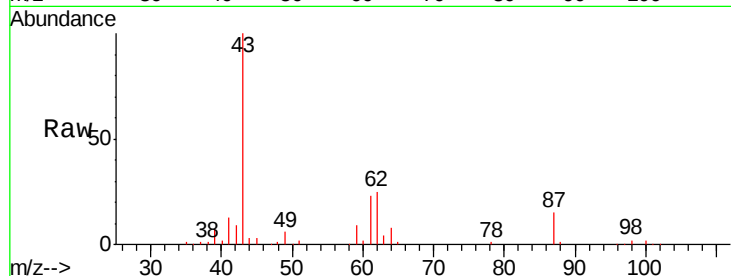
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	43	Resp:	60266
Ion	Ratio	Lower	Upper
43	100		
61	32.4	25.4	38.0
87	14.3	11.4	17.0

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#44

Trichloroethene

Concen: 50.430 ug/l

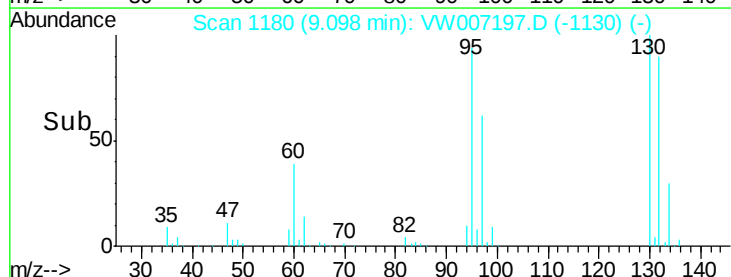
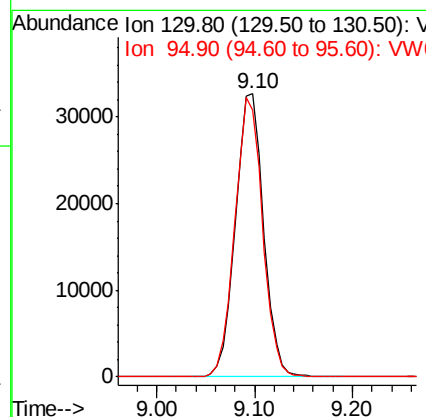
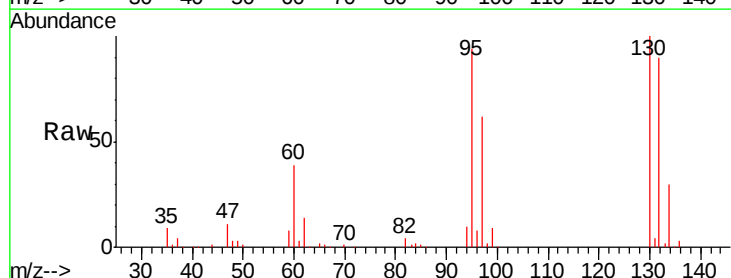
RT: 9.10 min Scan# 1180

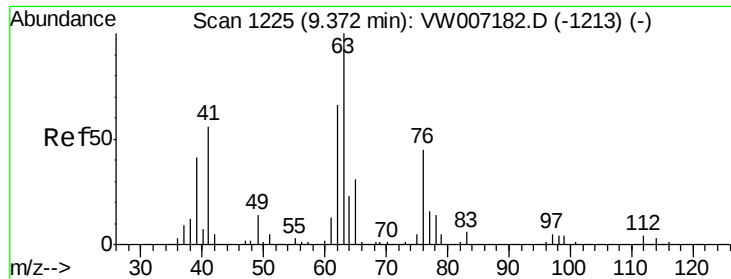
Delta R.T. 0.01 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Tgt Ion:	130	Resp:	65021
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	194.0





#45

1,2-Dichloropropane

Concen: 52.687 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 63 Resp: 56238

Ion Ratio Lower Upper

63 100

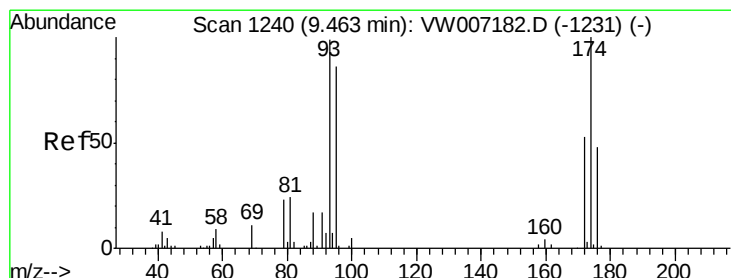
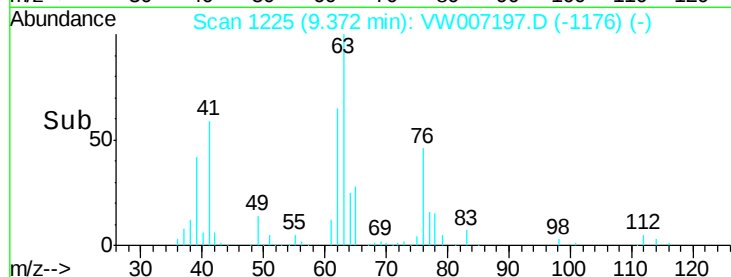
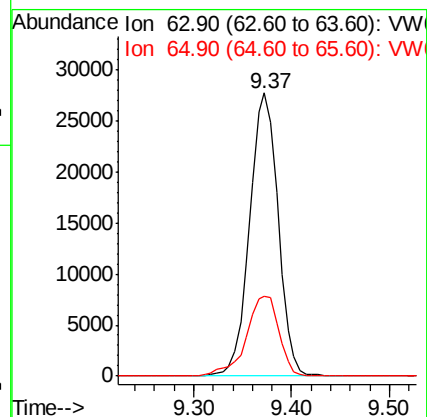
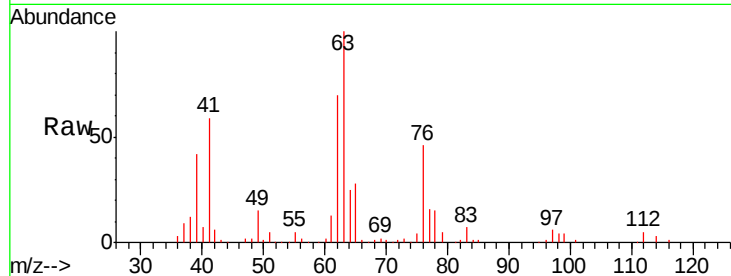
65 28.3 25.0 37.4

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#46

Dibromomethane

Concen: 53.879 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

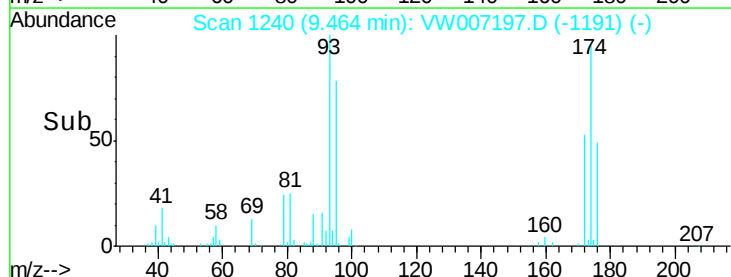
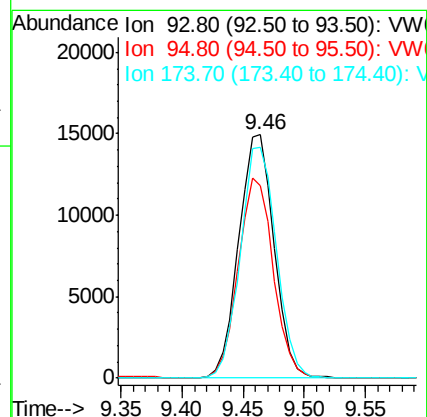
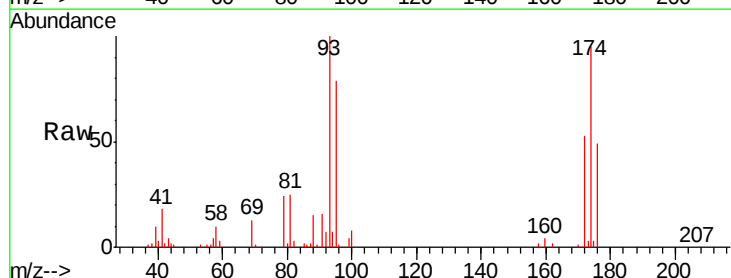
Tgt Ion: 93 Resp: 29884

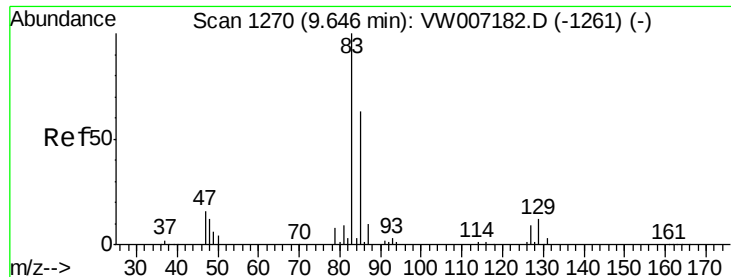
Ion Ratio Lower Upper

93 100

95 81.6 68.7 103.1

174 97.2 82.9 124.3





#47

Bromodichloromethane

Concen: 50.194 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

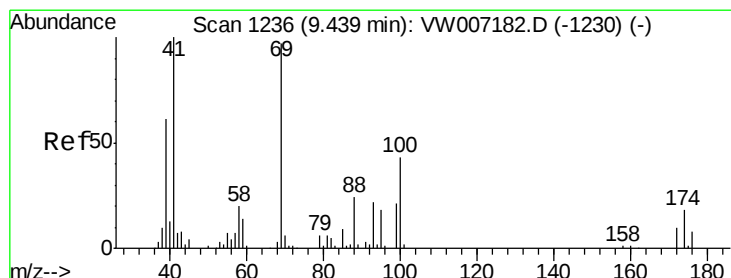
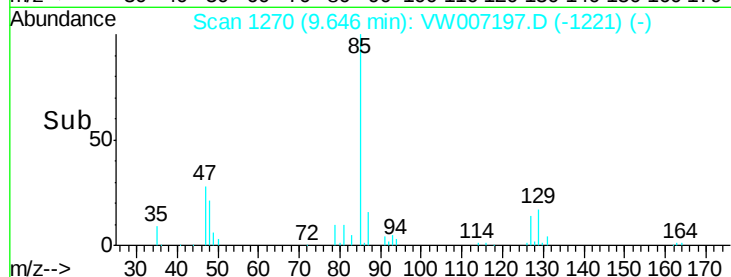
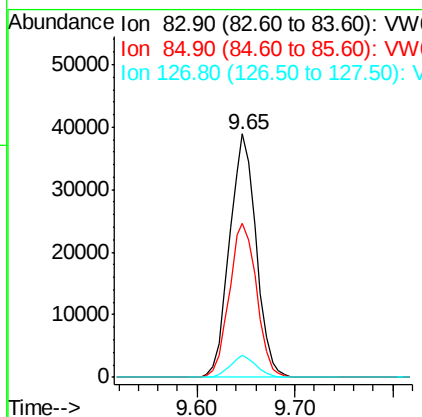
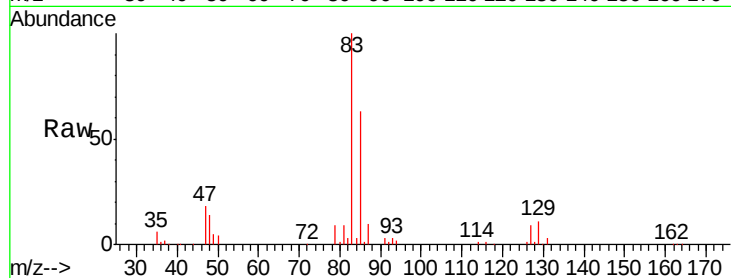
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	83	Resp:	73232
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.6	76.0
127	9.1	7.3	10.9

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#48

Methyl methacrylate

Concen: 60.570 ug/l

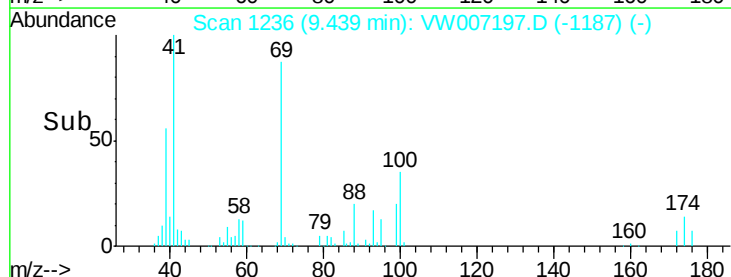
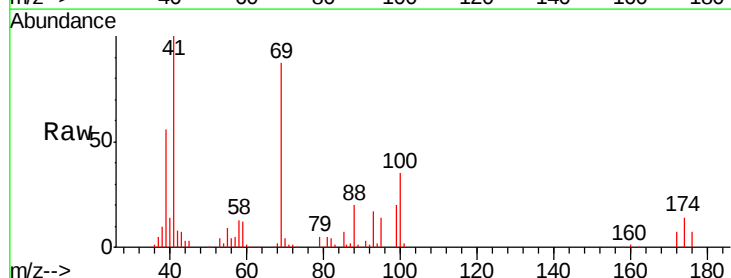
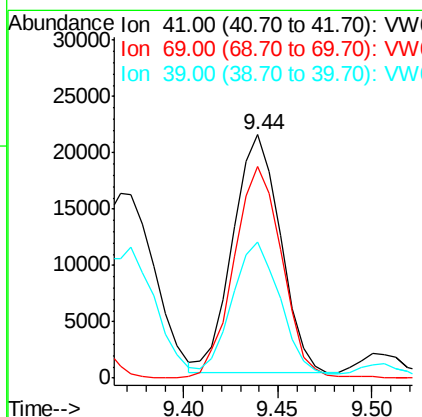
RT: 9.44 min Scan# 1236

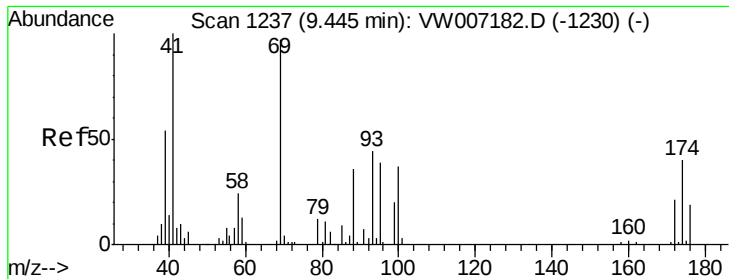
Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Tgt Ion:	41	Resp:	36943
Ion Ratio	Lower	Upper	
41	100		
69	90.7	69.6	104.4
39	55.2	42.4	63.6





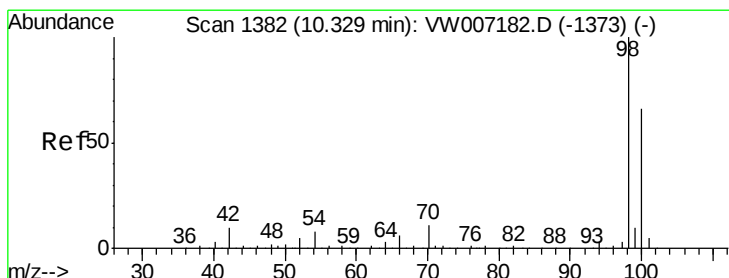
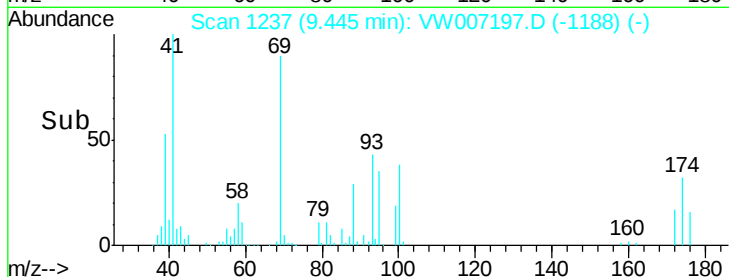
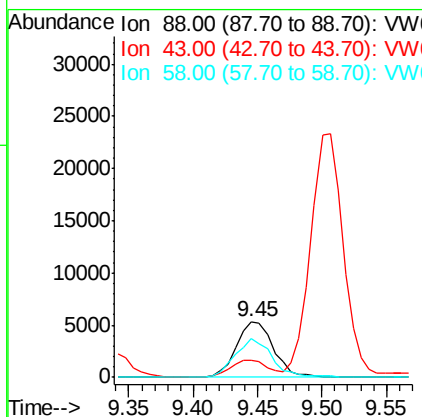
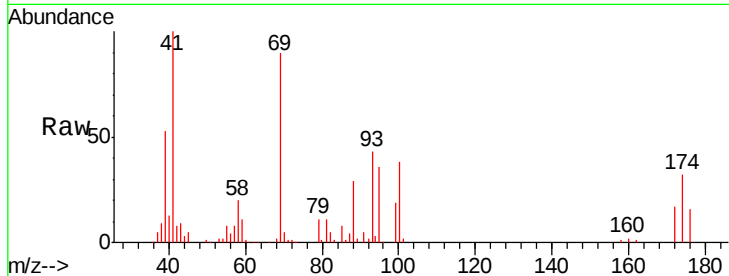
#49
1,4-Dioxane
Concen: 1097.194 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.8	38.8
58	70.5	58.9	88.3

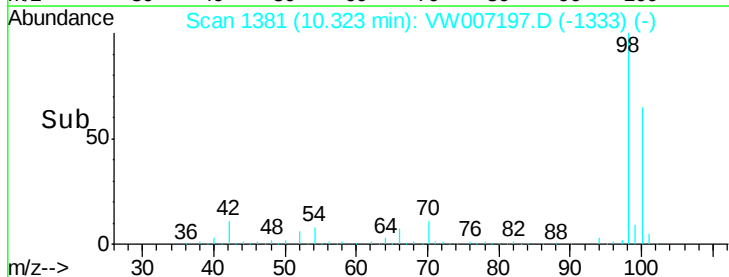
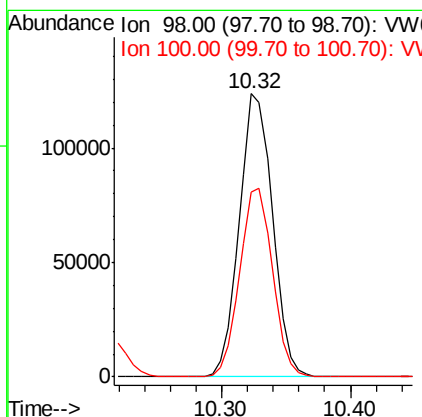
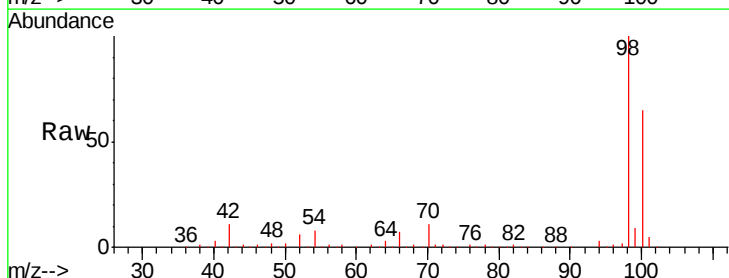
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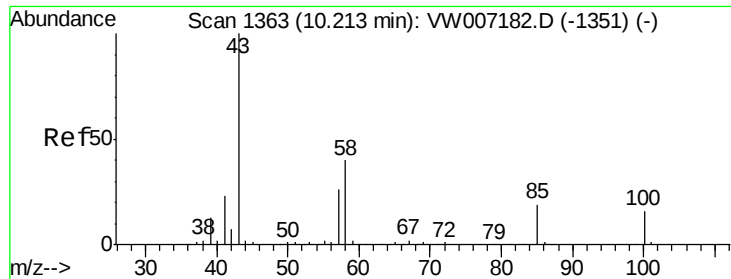
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#50
Toluene-d8
Concen: 51.017 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 301.703 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 43 Resp: 174726

Ion Ratio Lower Upper

43 100

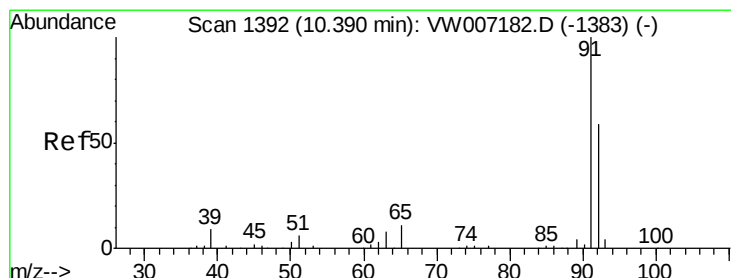
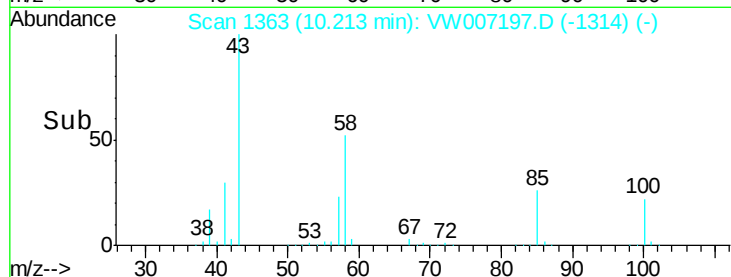
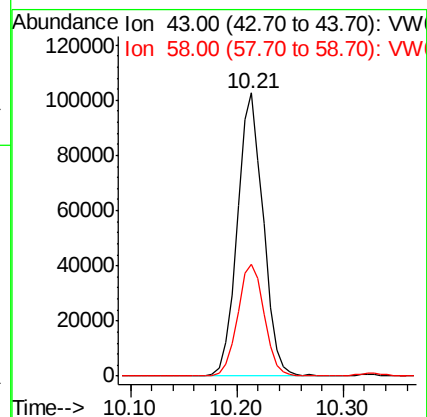
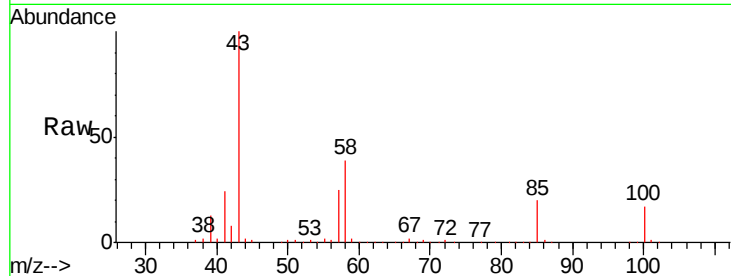
58 40.5 32.3 48.5

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#52

Toluene

Concen: 60.439 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007197.D

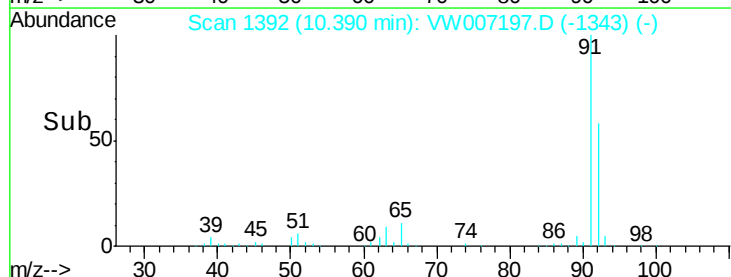
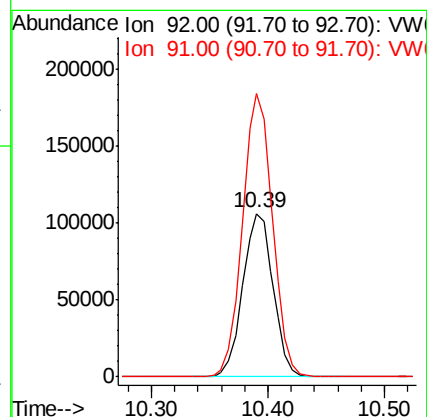
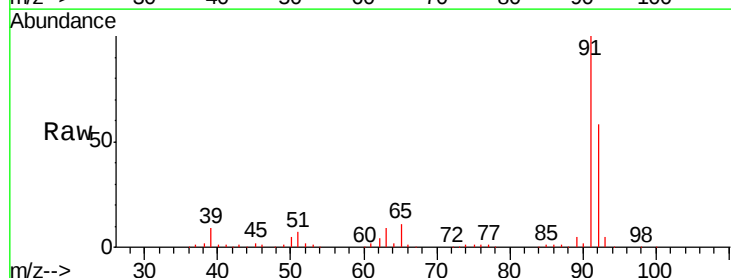
Acq: 04 Dec 2018 19:29

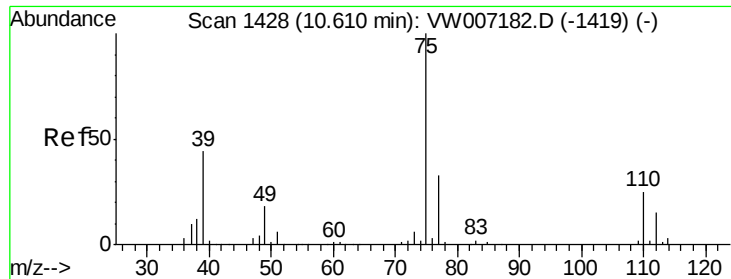
Tgt Ion: 92 Resp: 192844

Ion Ratio Lower Upper

92 100

91 171.8 136.0 204.0





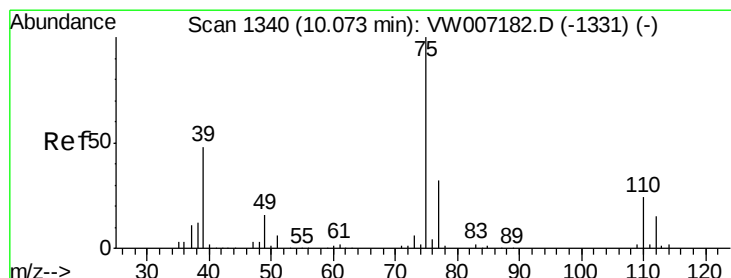
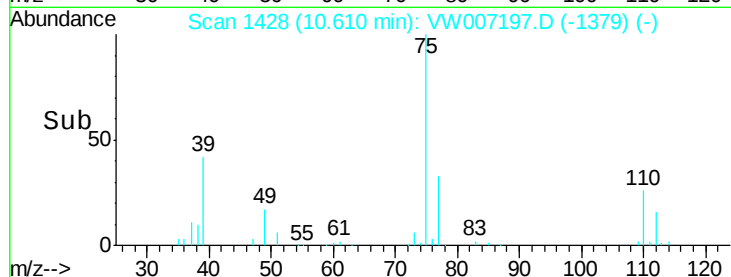
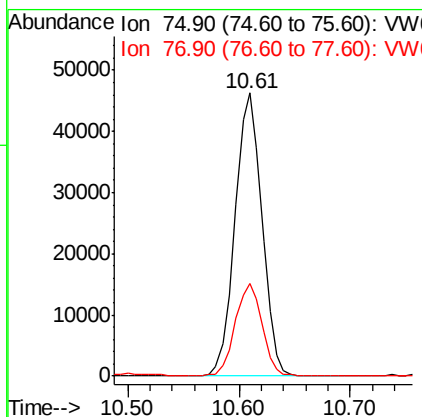
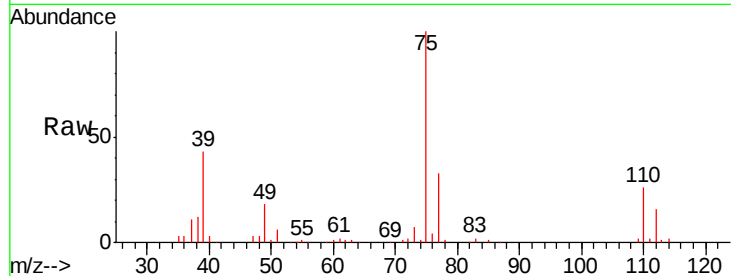
#53
t-1,3-Dichloropropene
Concen: 52.989 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion: 75 Resp: 77727
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.2

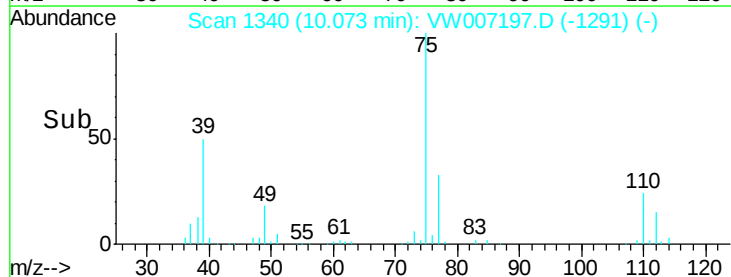
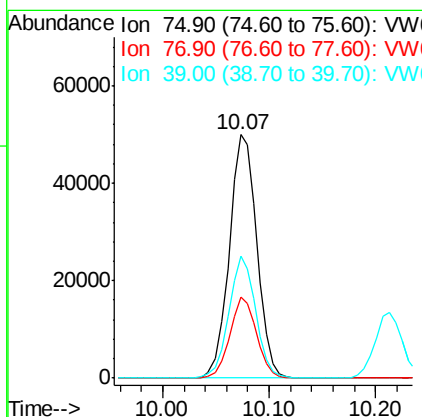
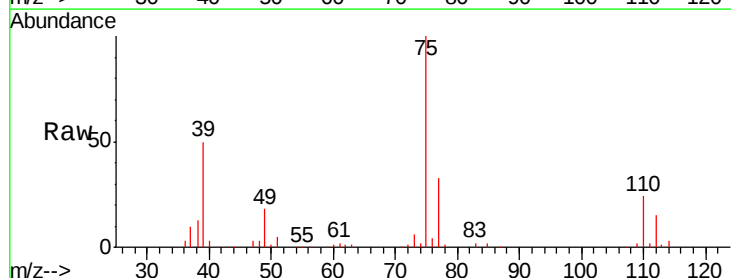
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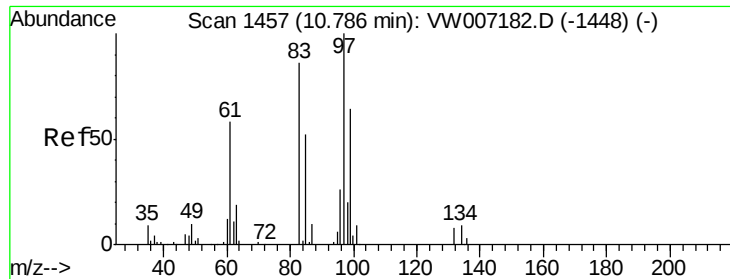
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#54
cis-1,3-Dichloropropene
Concen: 52.652 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion: 75 Resp: 90510
Ion Ratio Lower Upper
75 100
77 33.1 26.0 39.0
39 50.0 38.0 57.0





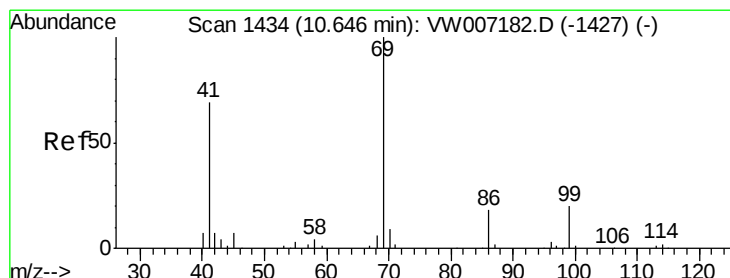
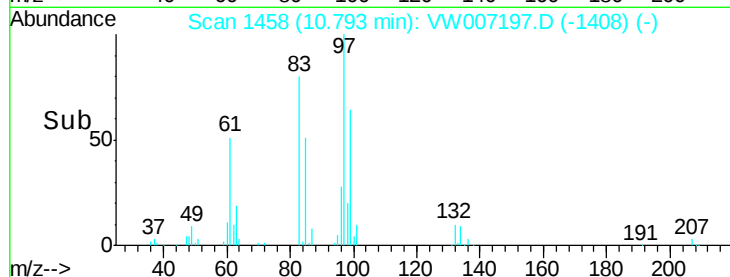
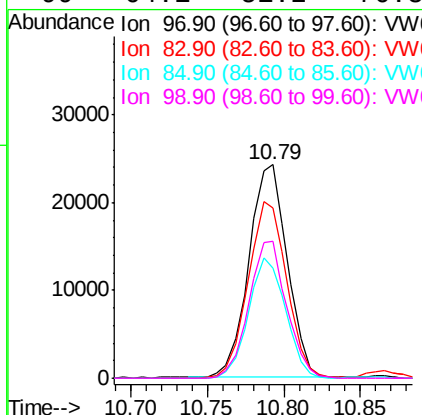
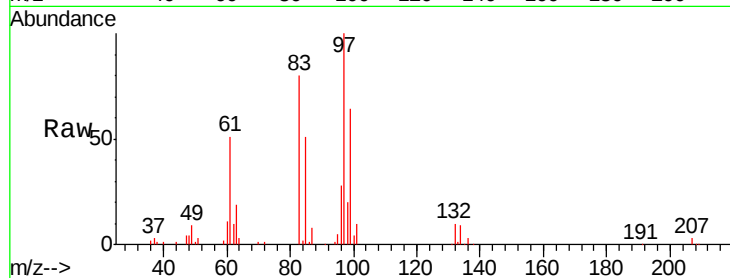
#55
 1,1,2-Trichloroethane
 Concen: 53.467 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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

Tgt Ion:	97	Resp:	42183
Ion	Ratio	Lower	Upper
97	100		
83	80.1	68.6	102.8
85	51.6	41.4	62.2
99	64.1	51.2	76.8

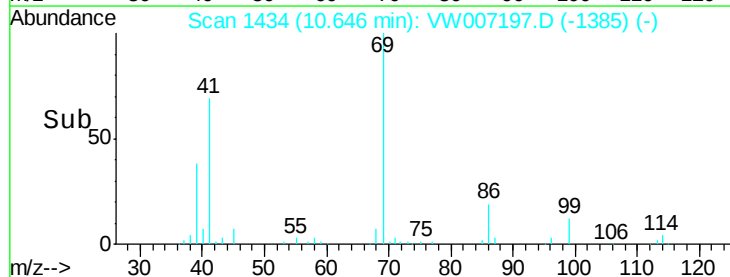
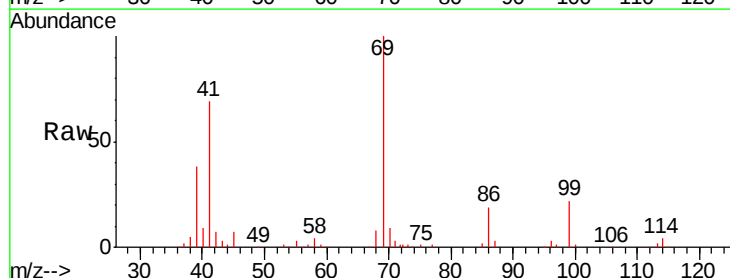
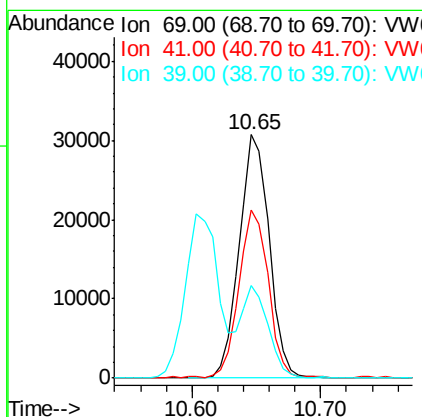
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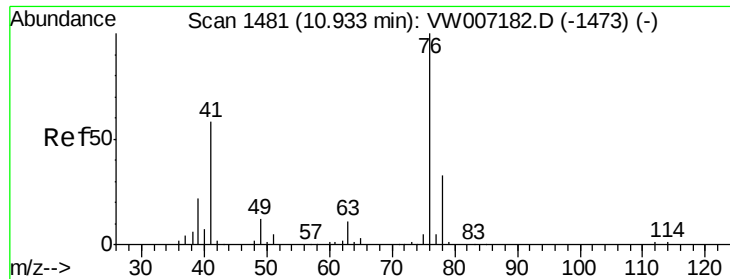
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#56
 Ethyl methacrylate
 Concen: 48.105 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion:	69	Resp:	49507
Ion	Ratio	Lower	Upper
69	100		
41	67.2	51.8	77.6
39	36.5	28.7	43.1





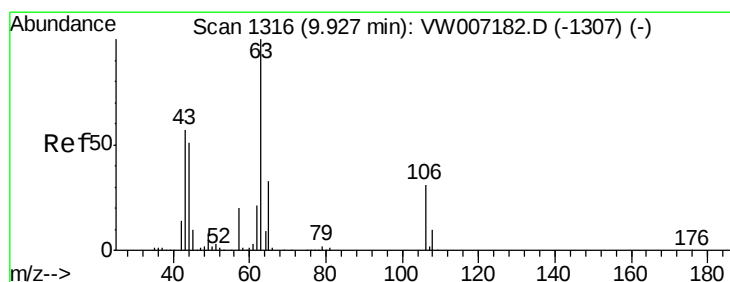
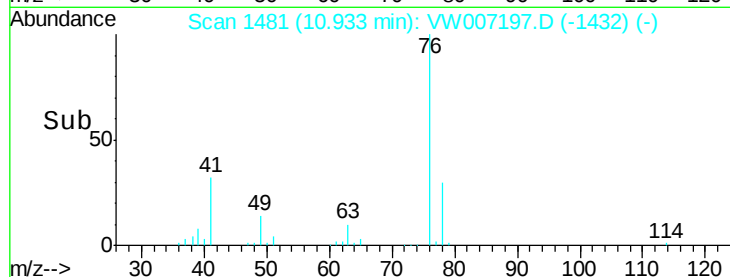
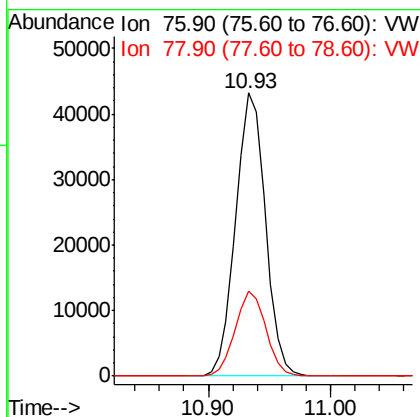
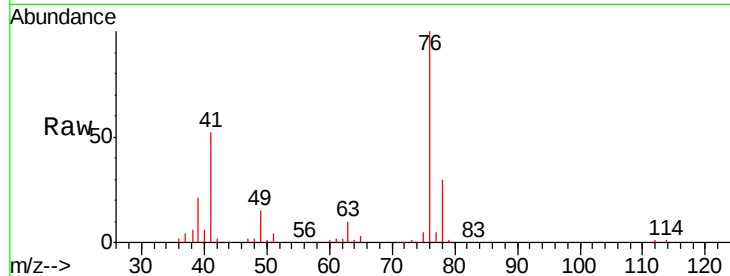
#57
 1,3-Dichloropropane
 Concen: 54.717 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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

Tgt Ion: 76 Resp: 72883
 Ion Ratio Lower Upper
 76 100
 78 30.8 26.6 40.0

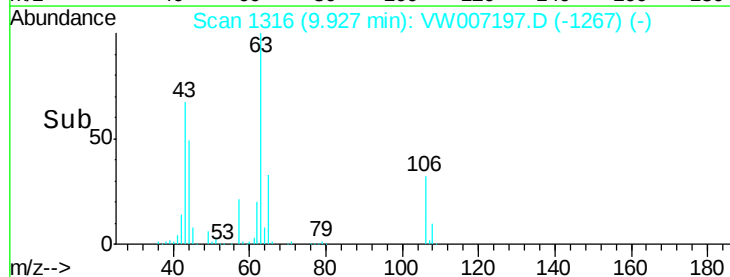
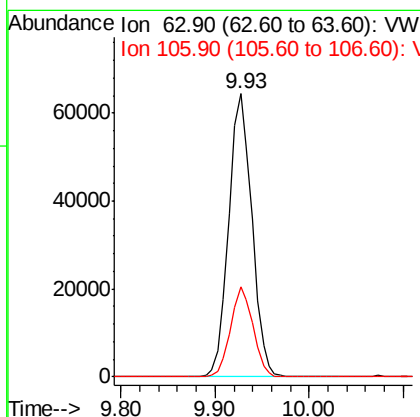
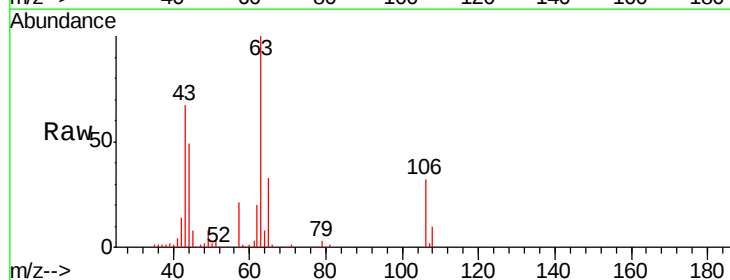
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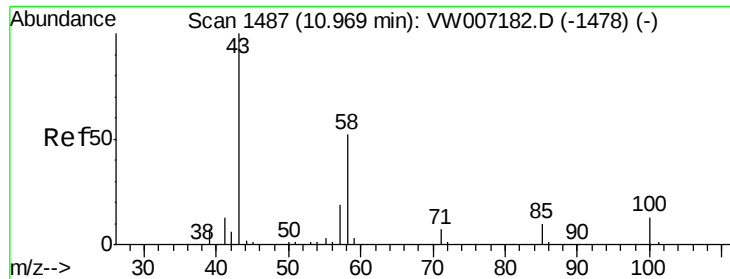
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 266.723 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion: 63 Resp: 110255
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.1 36.1





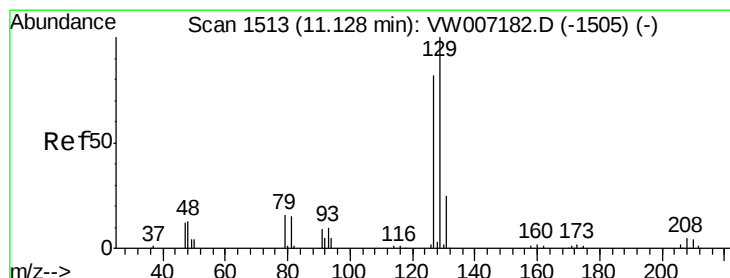
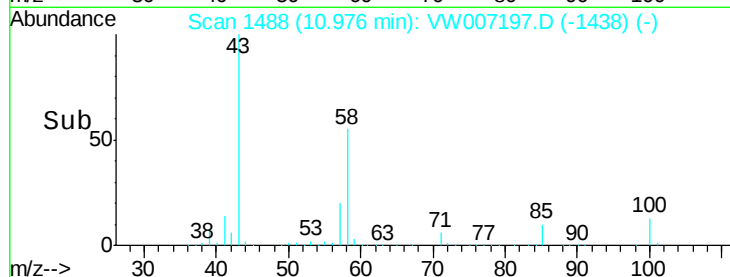
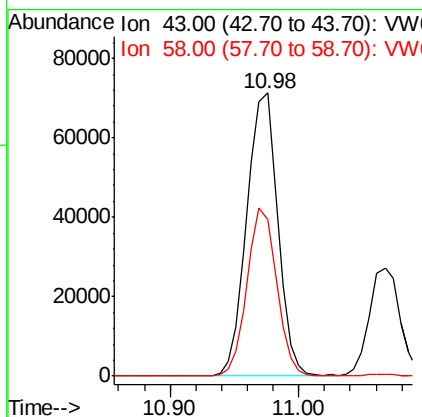
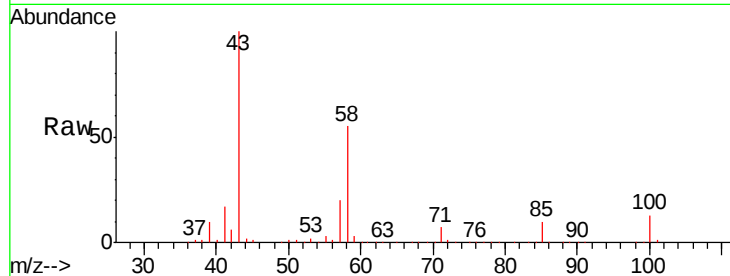
#59
2-Hexanone
Concen: 283.189 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion: 43 Resp: 118889
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.4

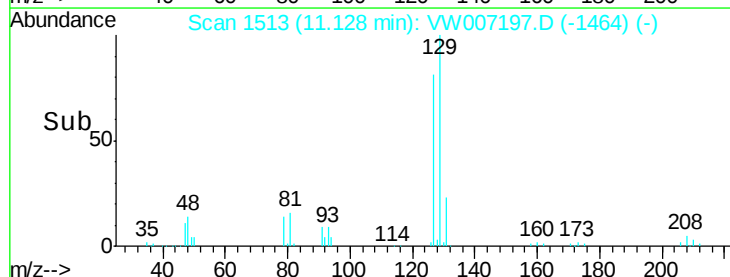
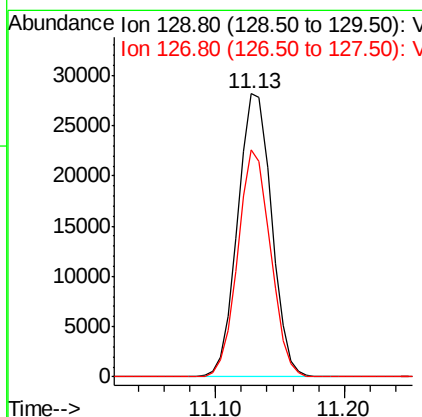
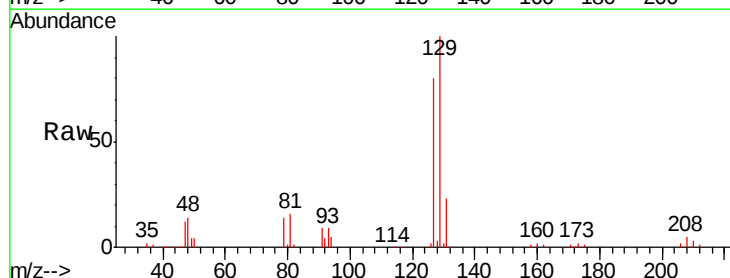
Manual Integrations
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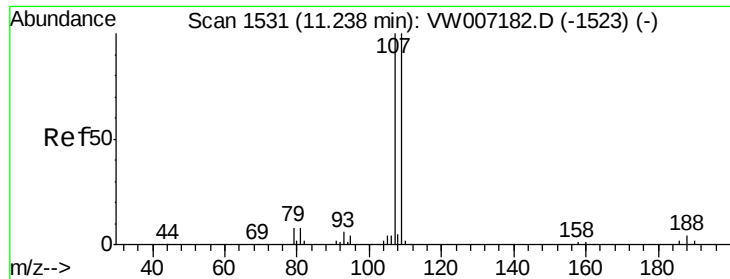
apatel
12/5/2018 12:44:13 PM



#60
Dibromochloromethane
Concen: 53.083 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion: 129 Resp: 51473
Ion Ratio Lower Upper
129 100
127 77.1 39.8 119.4





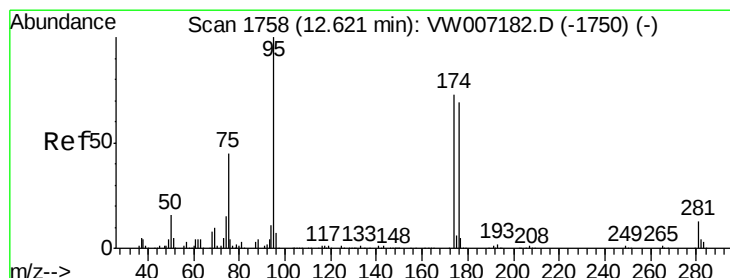
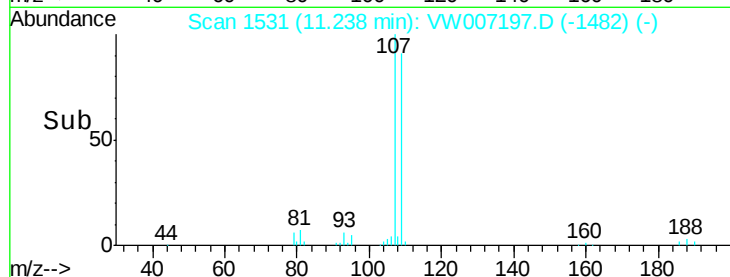
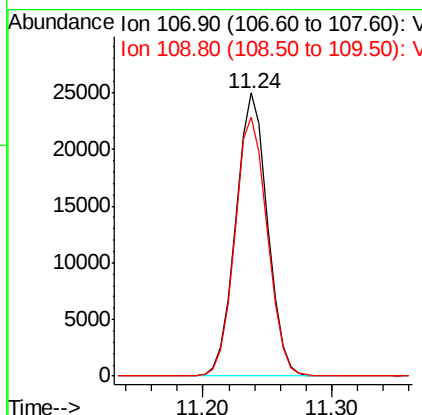
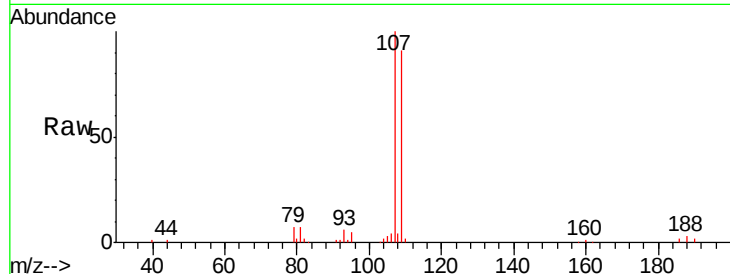
#61
 1,2-Dibromoethane
 Concen: 56.223 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.4	77.3	115.9

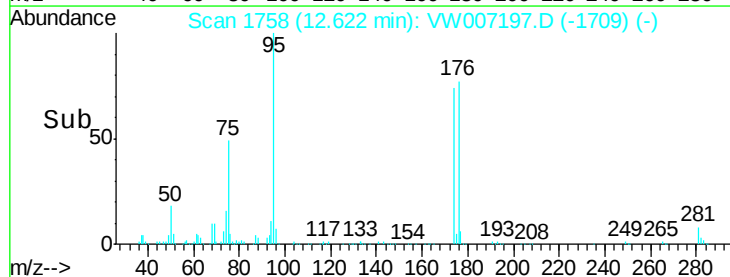
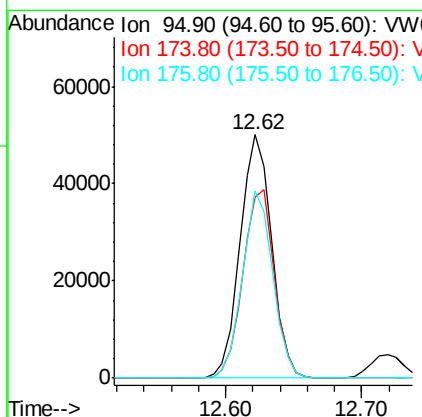
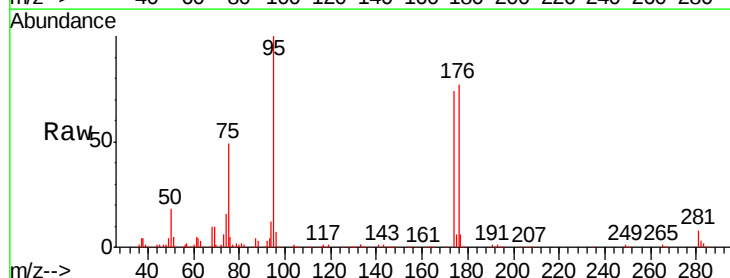
Manual Integrations
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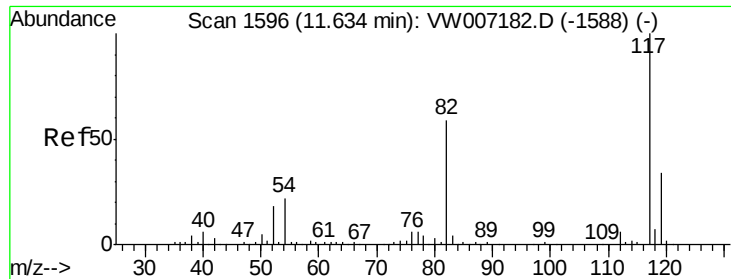
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.585 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	148.0
176	74.1	0.0	139.4





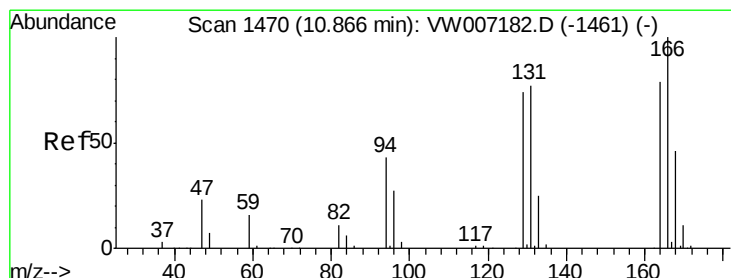
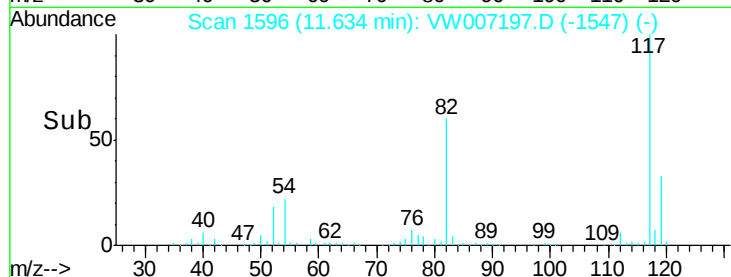
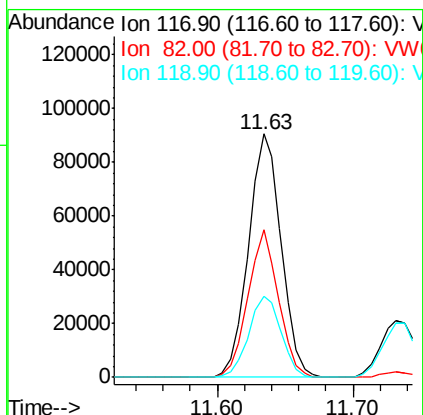
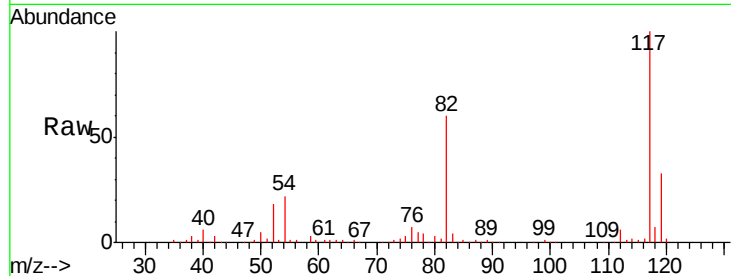
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.5	47.4	71.2
119	33.2	26.8	40.2

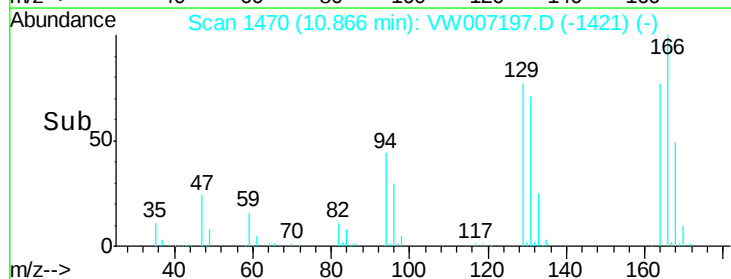
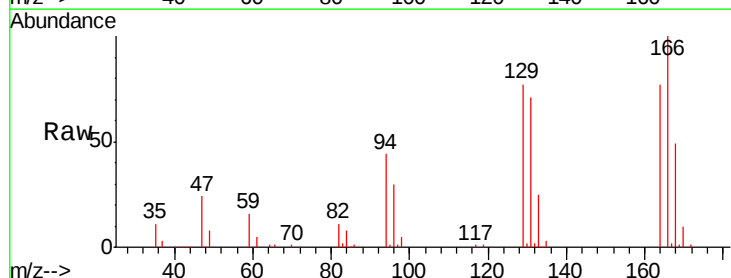
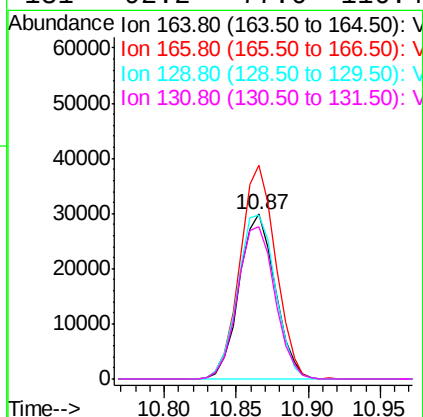
Manual Integrations
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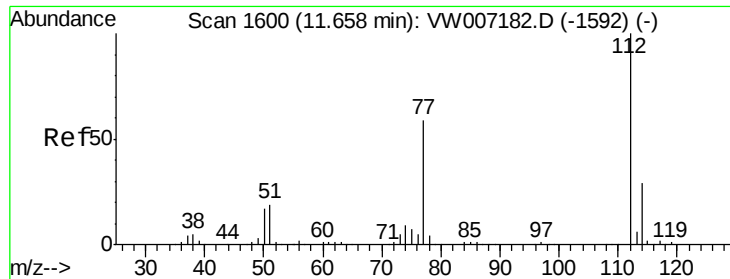
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#64
Tetrachloroethene
Concen: 46.662 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	101.0	151.4
129	99.4	74.6	111.8
131	92.2	77.6	116.4





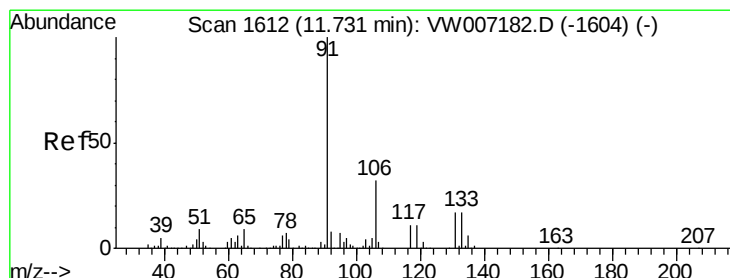
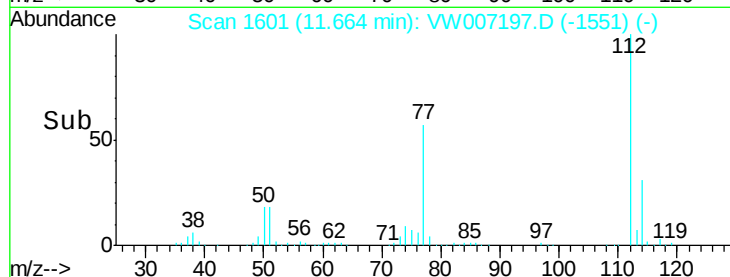
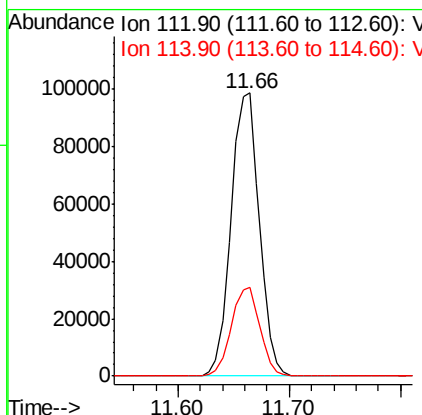
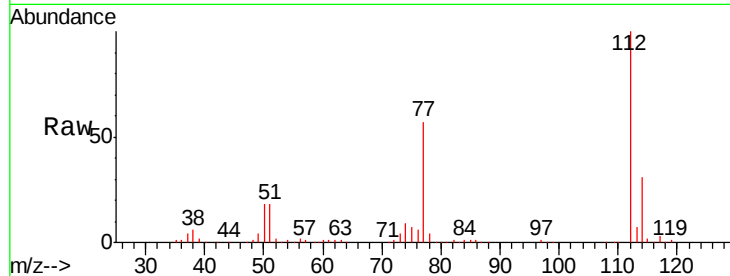
#65
Chlorobenzene
Concen: 50.958 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion:112 Resp: 173134
Ion Ratio Lower Upper
112 100
114 31.4 23.0 34.4

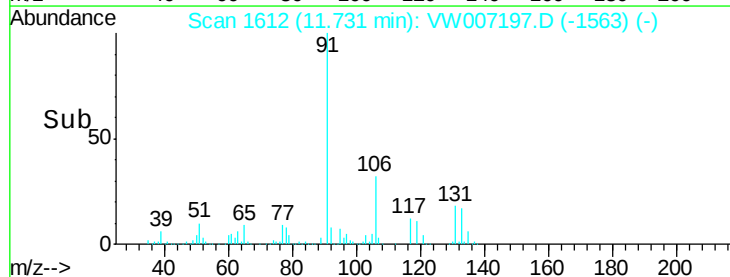
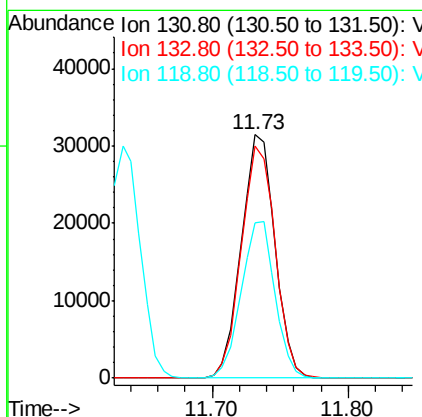
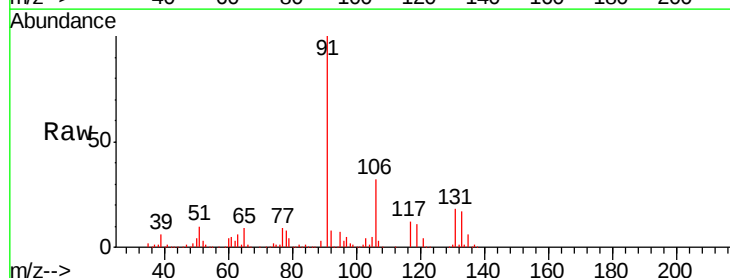
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.919 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion:131 Resp: 54478
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.2
119 64.5 32.8 98.4





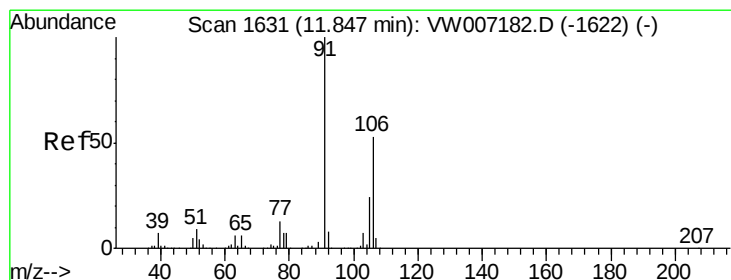
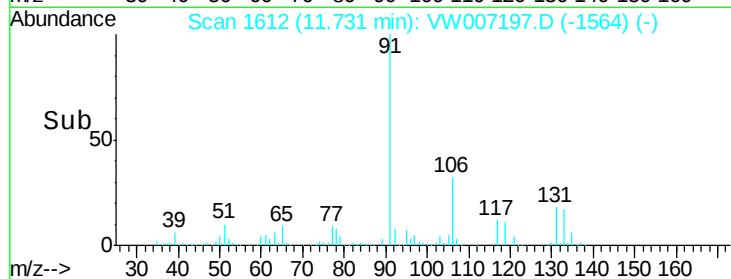
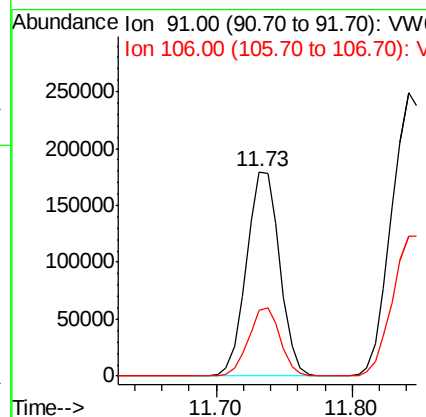
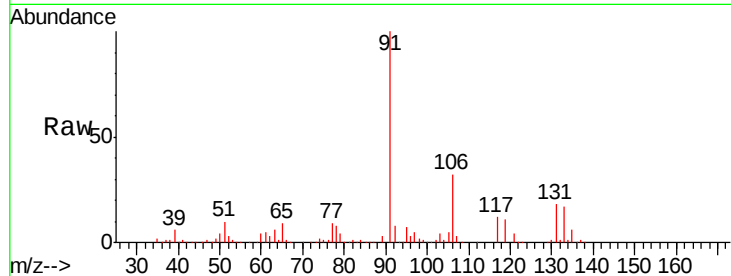
#67
Ethyl Benzene
Concen: 49.491 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion: 91 Resp: 306470
Ion Ratio Lower Upper
91 100
106 32.0 26.0 39.0

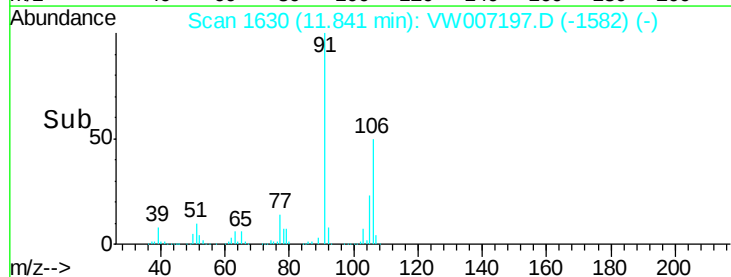
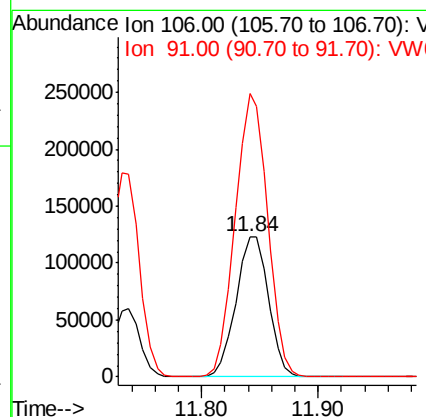
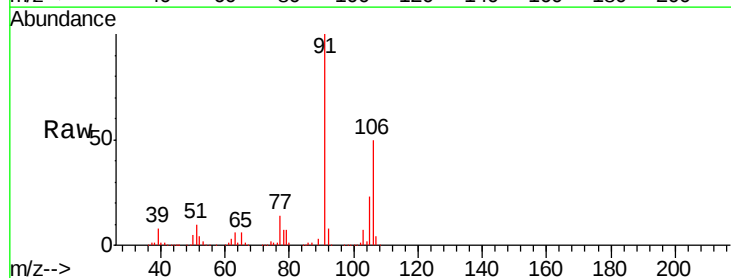
Manual Integrations
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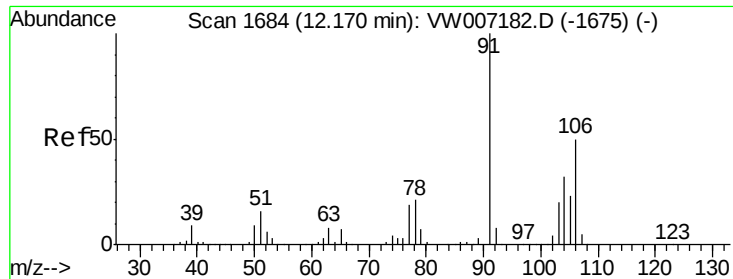
apatel
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#68
m/p-Xylenes
Concen: 98.589 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion: 106 Resp: 239503
Ion Ratio Lower Upper
106 100
91 201.7 160.2 240.4





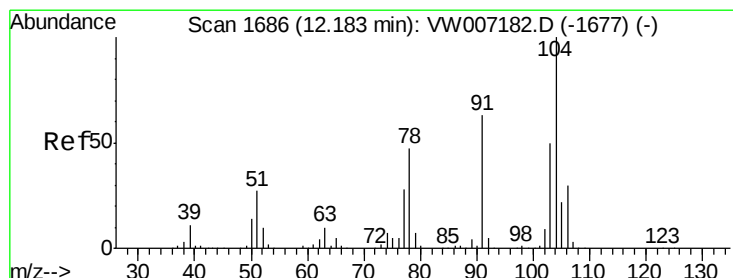
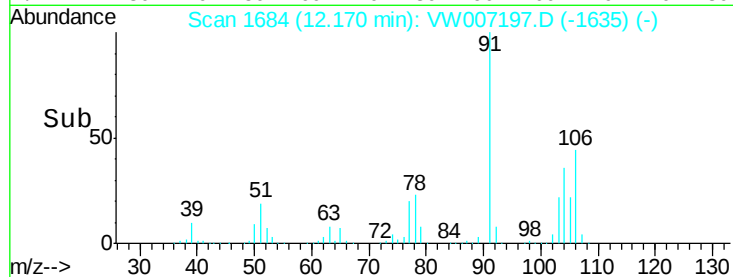
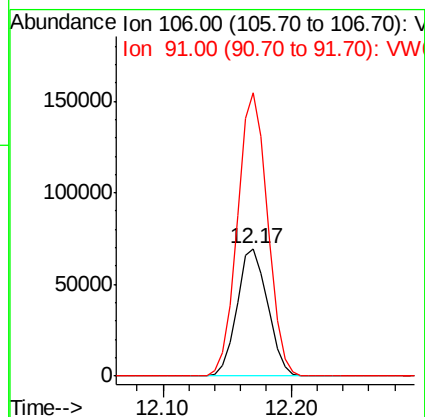
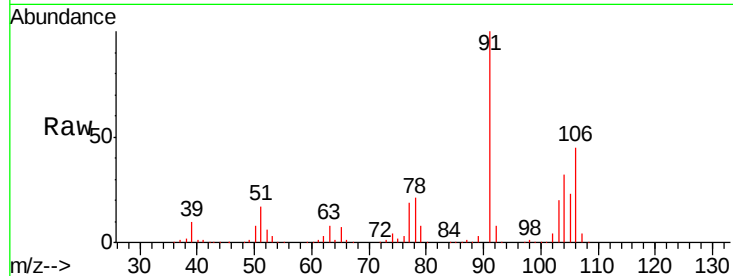
#69
o-Xylene
Concen: 50.613 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion:106 Resp: 114877
Ion Ratio Lower Upper
106 100
91 218.0 104.9 314.7

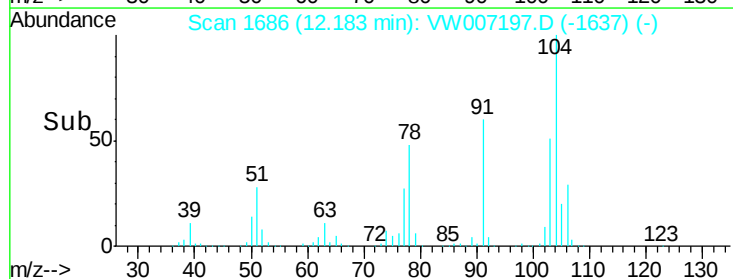
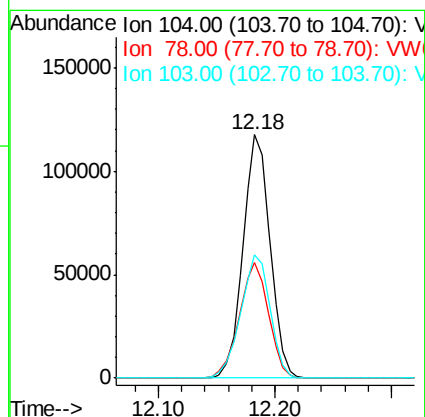
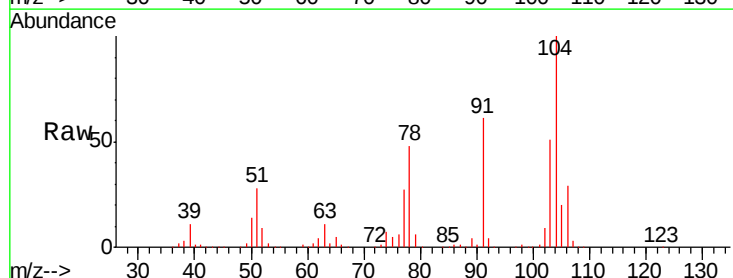
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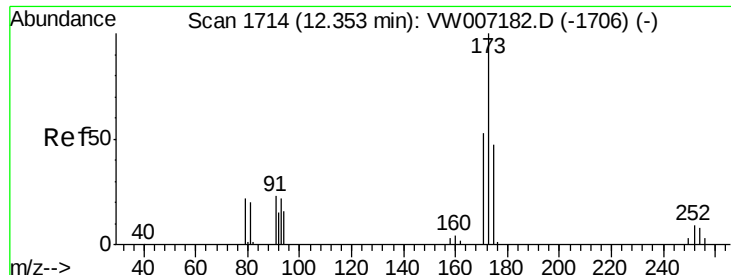
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#70
Styrene
Concen: 51.474 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion:104 Resp: 191246
Ion Ratio Lower Upper
104 100
78 51.4 40.6 60.8
103 54.9 43.0 64.4





#71

Bromoform

Concen: 55.196 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

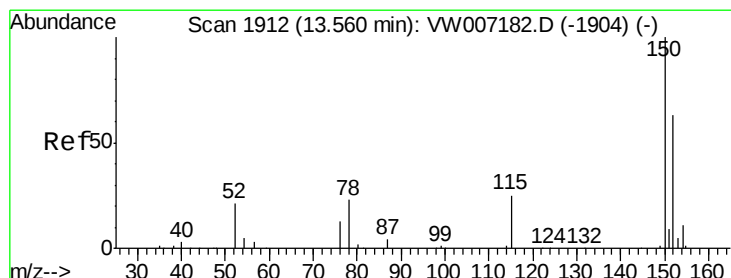
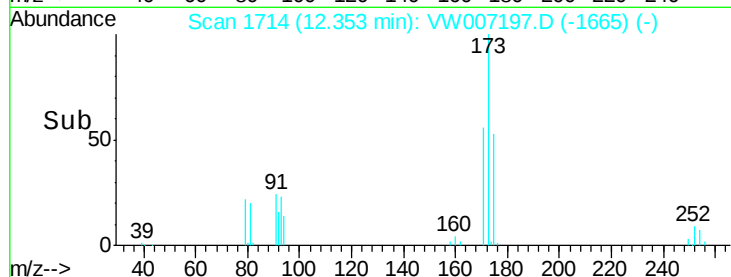
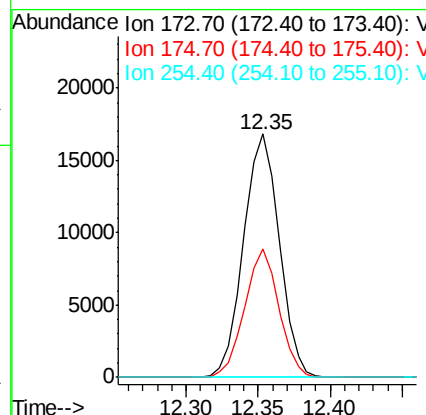
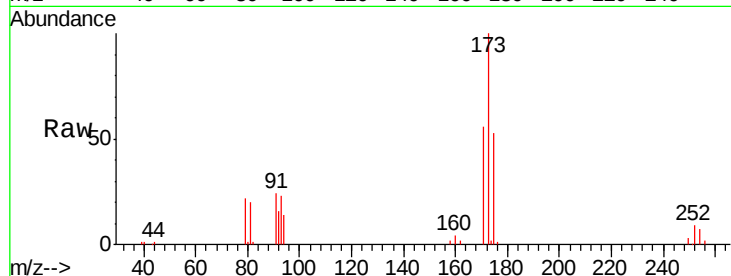
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	173	Resp:	28993
Ion Ratio	Lower	Upper	
173	100		
175	50.4	24.0	72.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

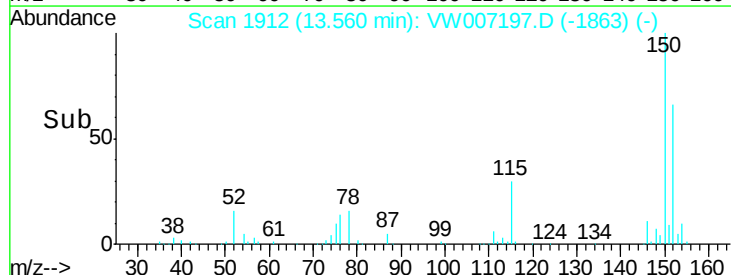
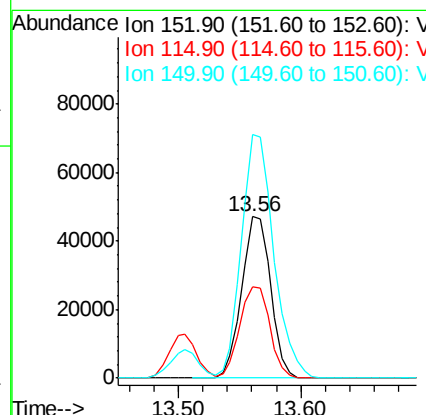
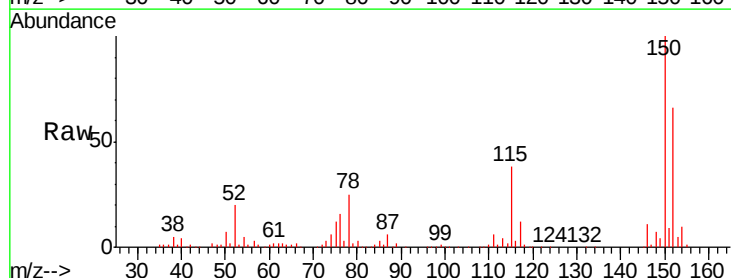
RT: 13.56 min Scan# 1912

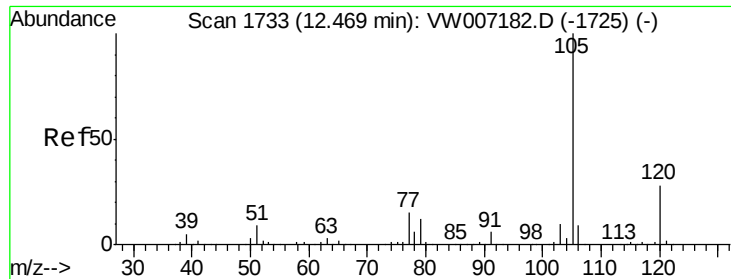
Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Tgt Ion:	152	Resp:	77178
Ion Ratio	Lower	Upper	
152	100		
115	58.9	31.3	93.8
150	168.6	0.0	358.0





#73

Isopropylbenzene

Concen: 49.941 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 105 Resp: 313484

Ion Ratio Lower Upper

105 100

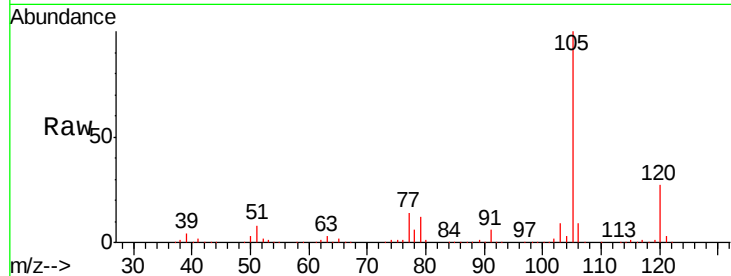
120 26.2 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

200000

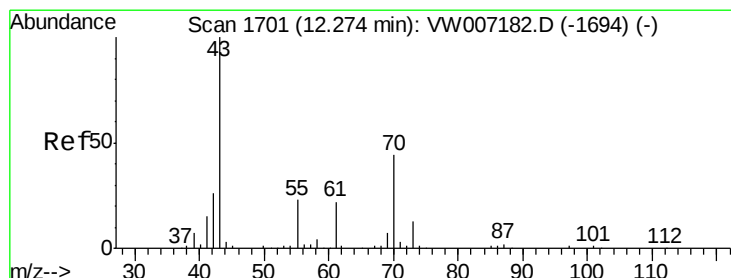
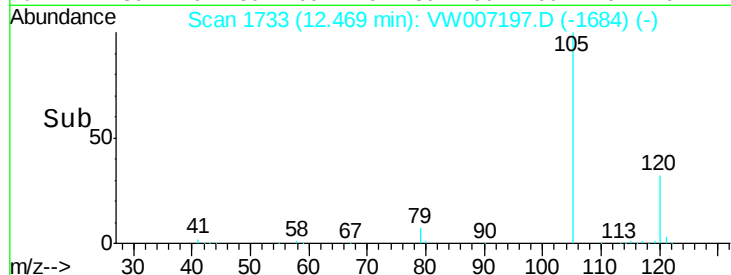
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 43.741 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Tgt Ion: 43 Resp: 48681

Ion Ratio Lower Upper

43 100

70 42.8 34.0 51.0

55 26.0 19.0 28.6

61 25.0 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

50000

40000

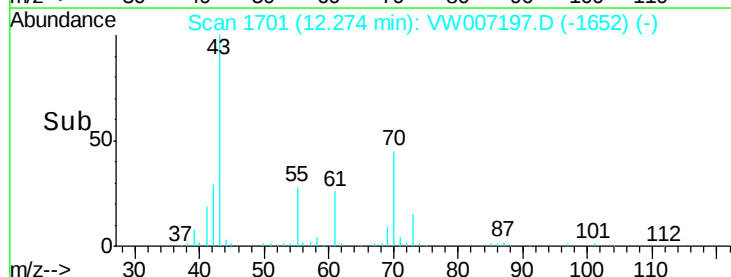
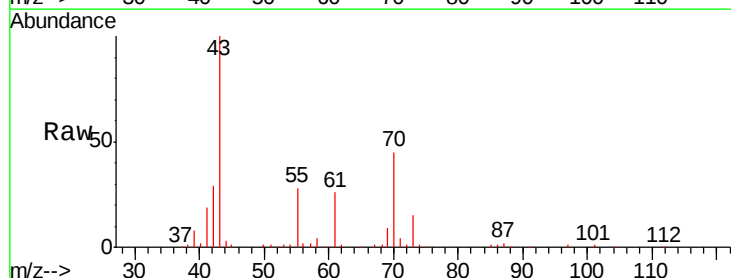
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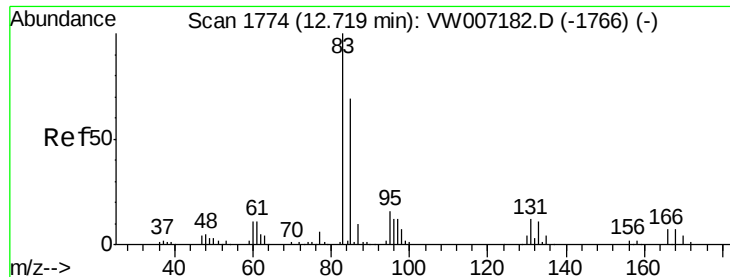
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10000

0

Time-->





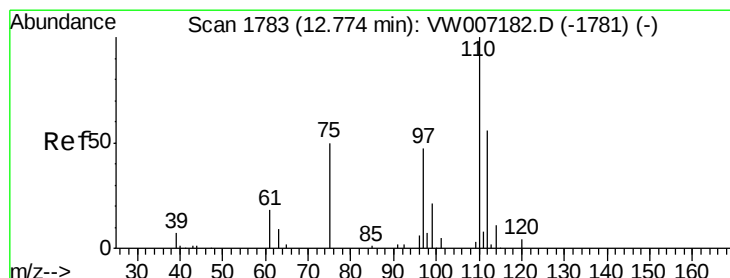
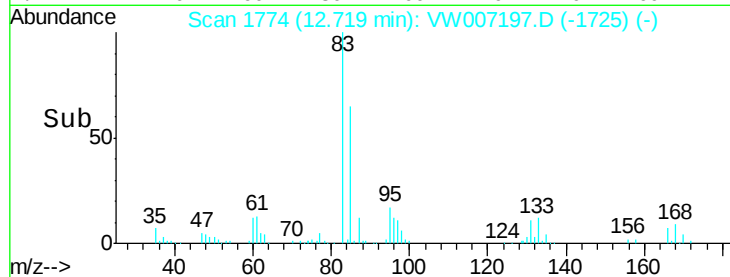
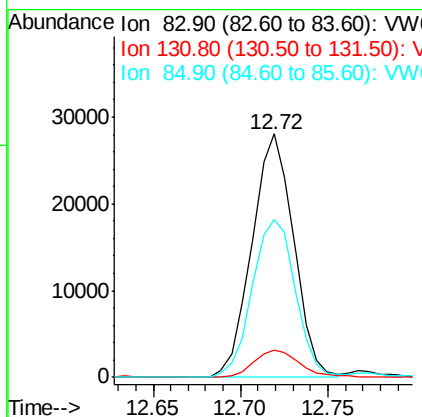
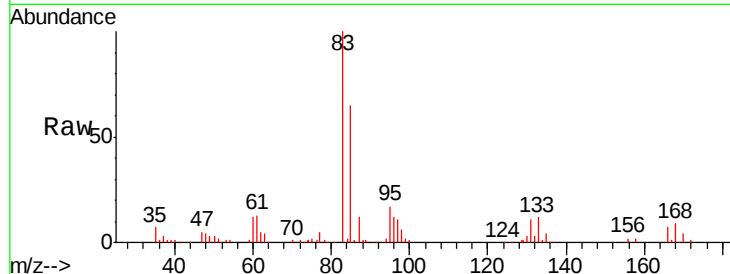
#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.166 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	46603		
131	12.1	6.0	18.1	
85	67.1	33.0	99.0	

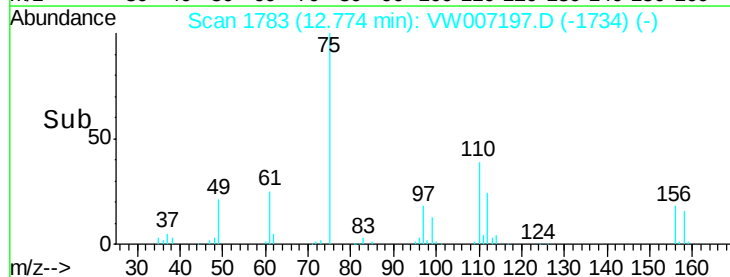
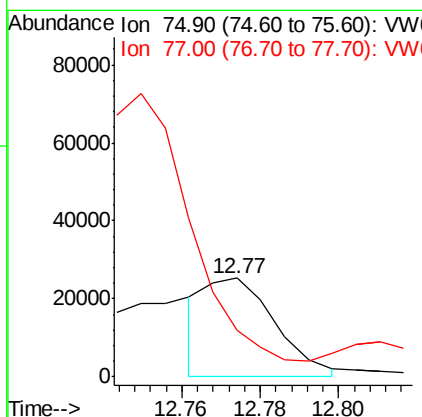
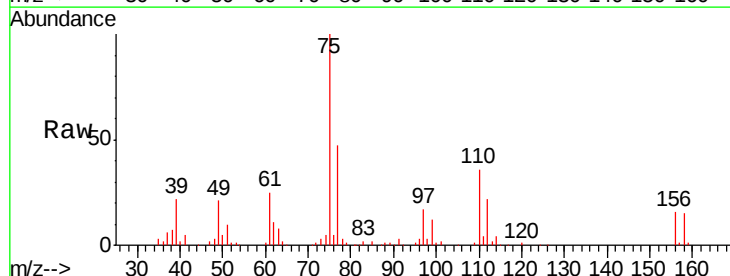
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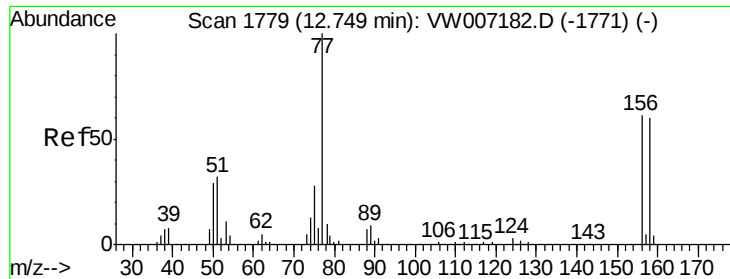
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#76
 1,2,3-Trichloropropane
 Concen: 27.134 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31470		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 51.733 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

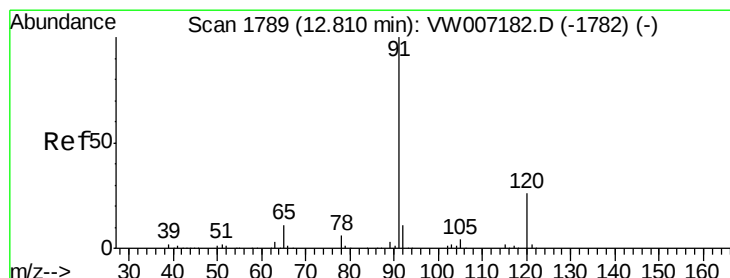
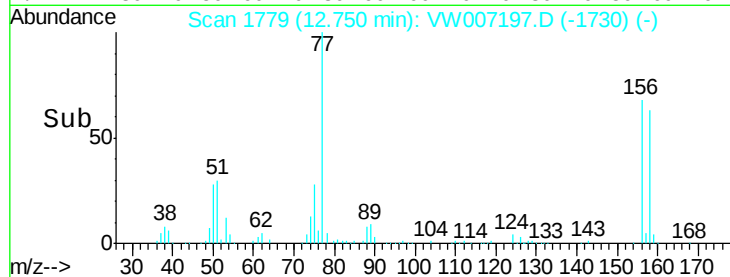
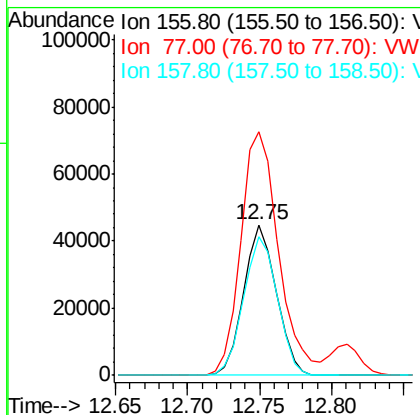
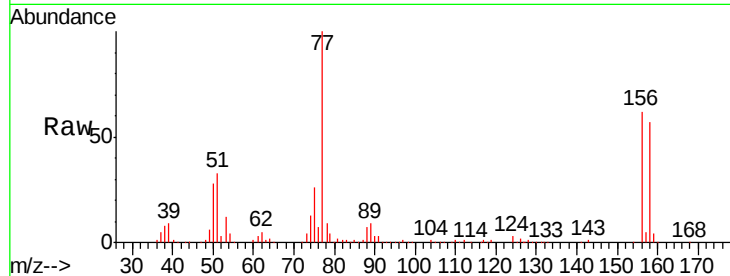
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	156	Resp:	70096
Ion Ratio	Lower	Upper	
156	100		
77	188.4	92.0	276.1
158	95.8	49.0	147.0

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#78

n-propylbenzene

Concen: 48.043 ug/l

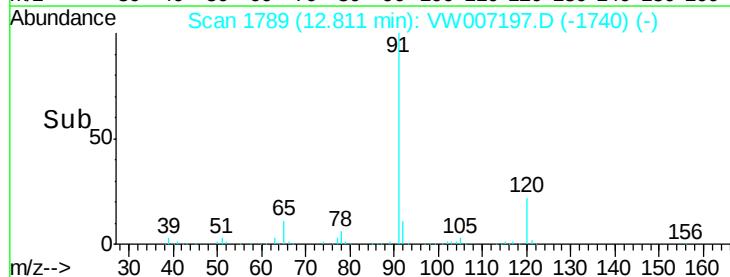
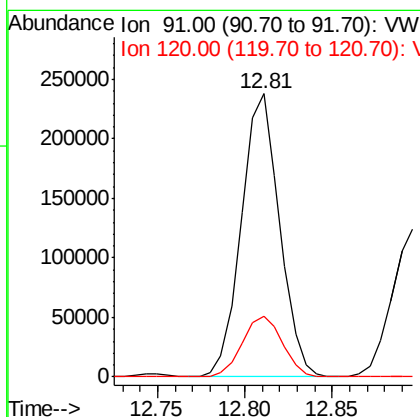
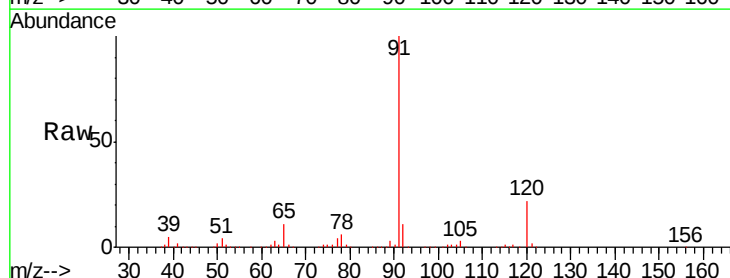
RT: 12.81 min Scan# 1789

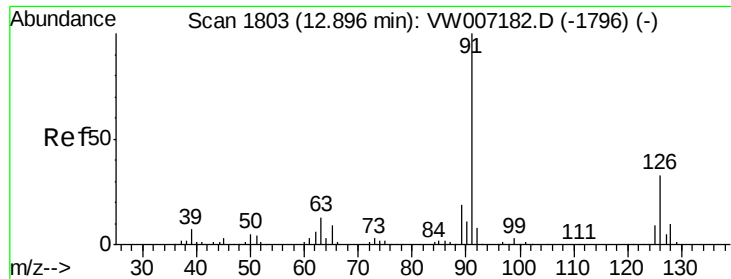
Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Tgt Ion:	91	Resp:	359290
Ion Ratio	Lower	Upper	
91	100		
120	22.6	12.5	37.5





#79

2-Chlorotoluene

Concen: 47.940 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 91 Resp: 202455

Ion Ratio Lower Upper

91 100

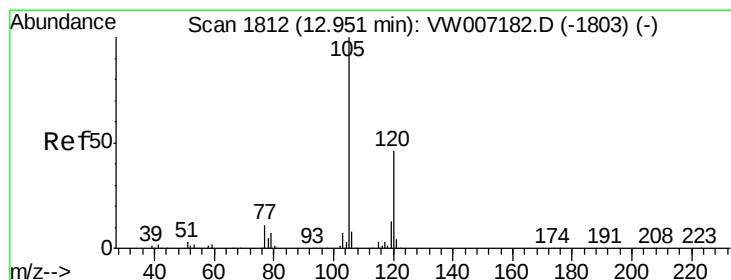
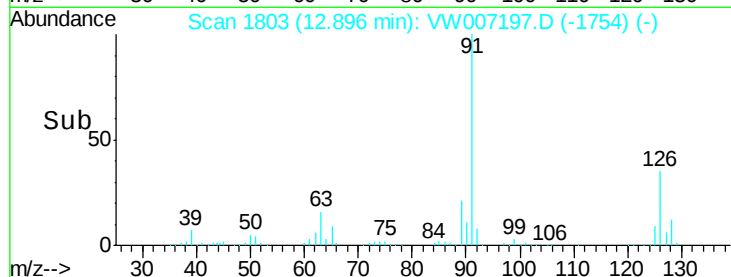
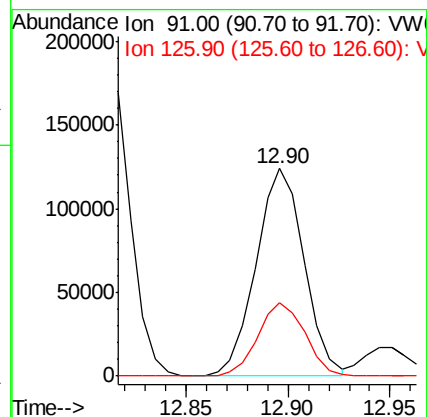
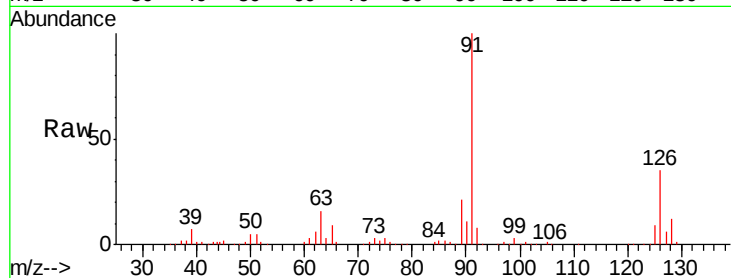
126 35.0 16.7 50.1

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#80

1,3,5-Trimethylbenzene

Concen: 46.543 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW007197.D

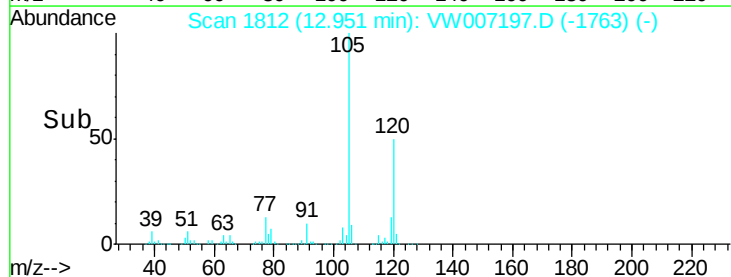
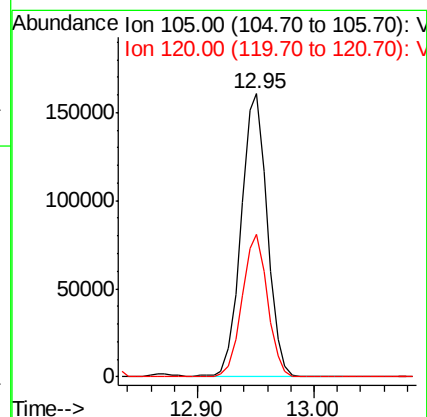
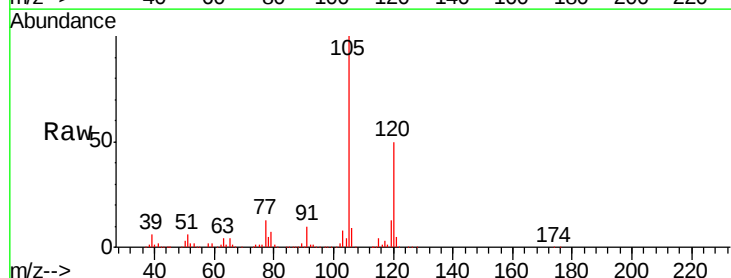
Acq: 04 Dec 2018 19:29

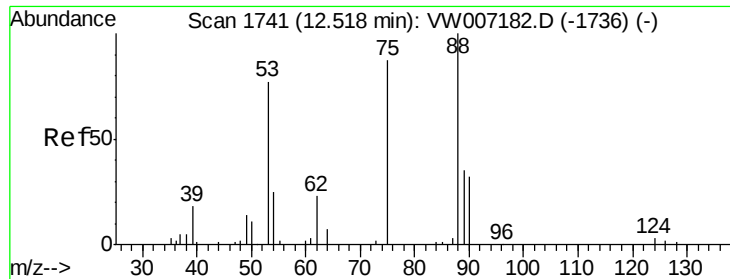
Tgt Ion: 105 Resp: 249935

Ion Ratio Lower Upper

105 100

120 49.3 23.8 71.5





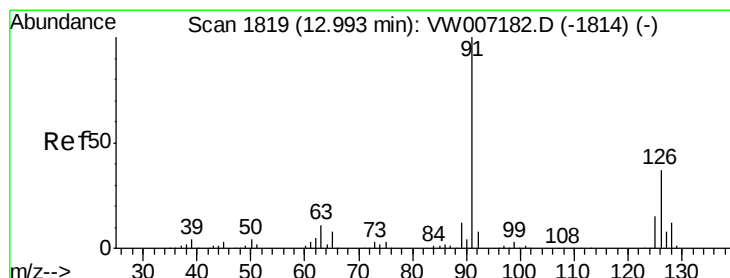
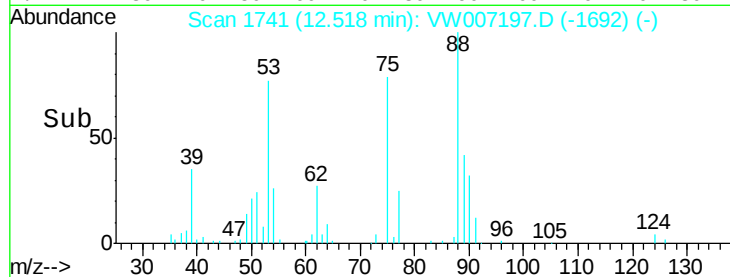
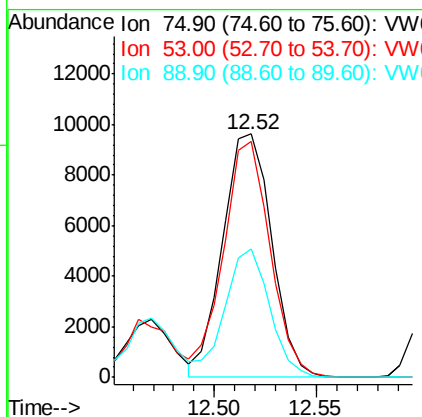
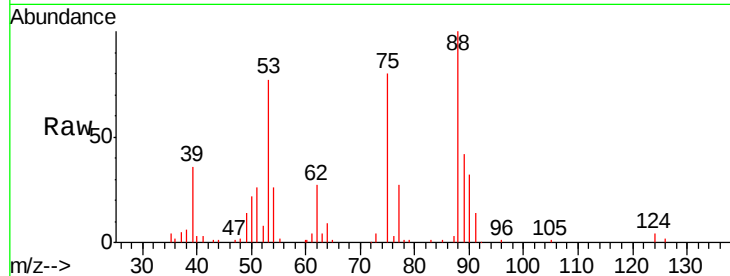
#81
trans-1,4-Dichloro-2-butene
Concen: 57.826 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.6	72.8	109.2
89	48.4	36.4	54.6

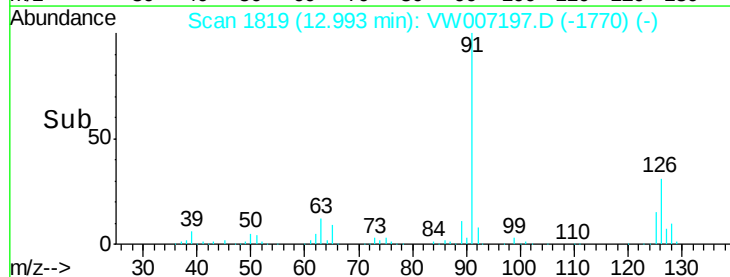
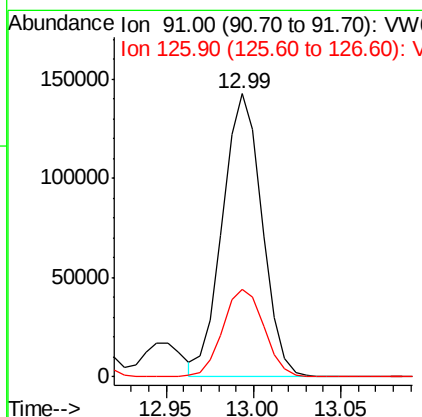
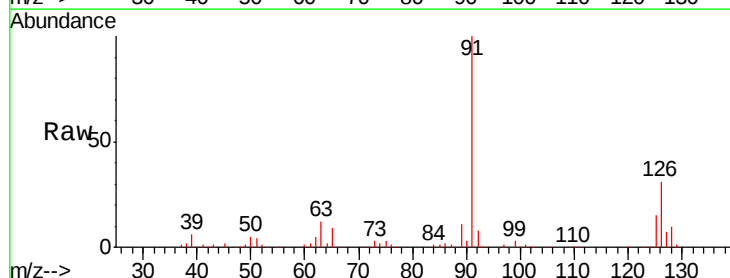
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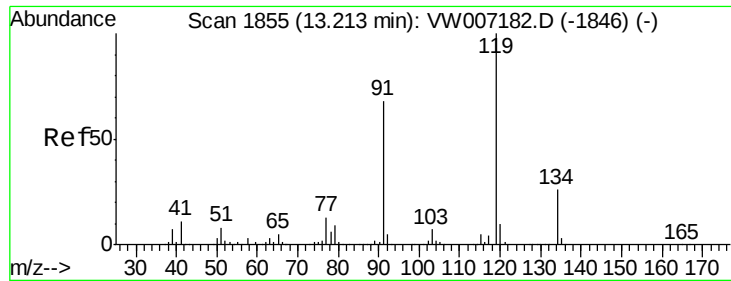
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#82
4-Chlorotoluene
Concen: 49.740 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	17.4	52.3





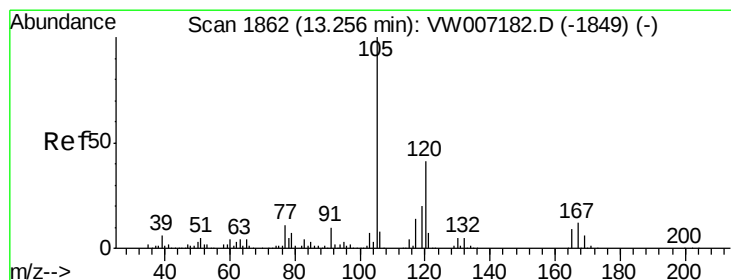
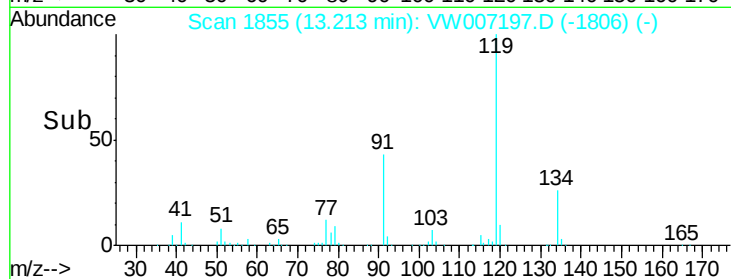
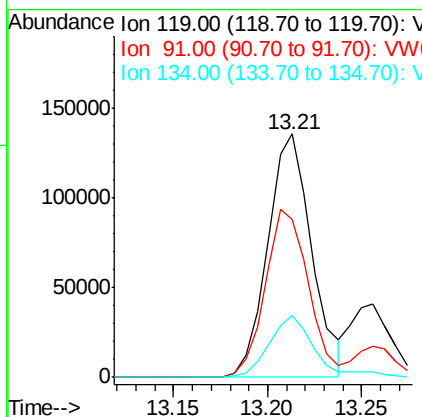
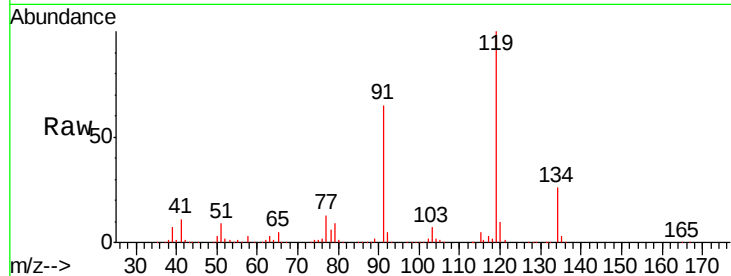
#83
 tert-Butylbenzene
 Concen: 46.811 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	219674		
91	67.4	34.0	101.8	
134	24.7	13.2	39.5	

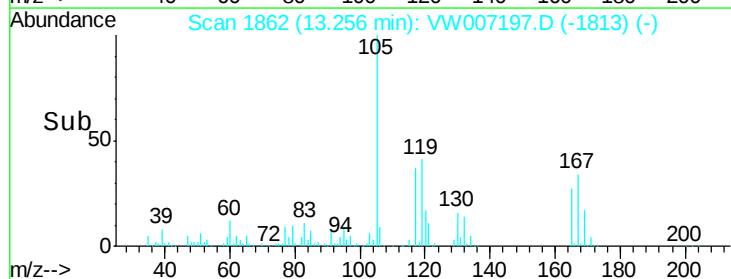
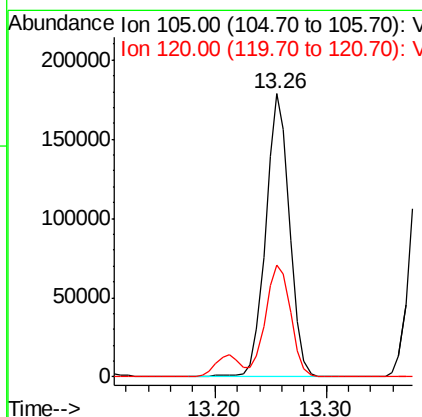
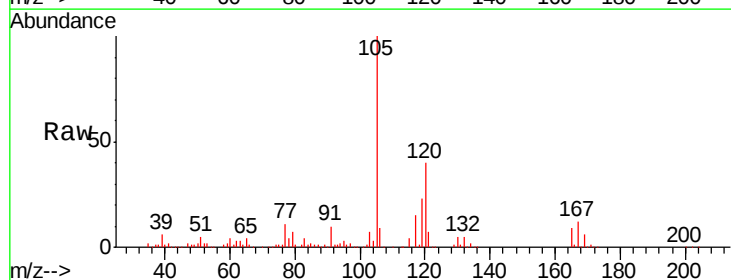
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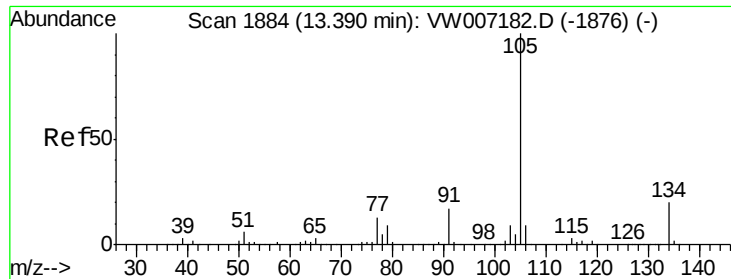
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.586 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	266327		
120	41.6	21.1	63.3	





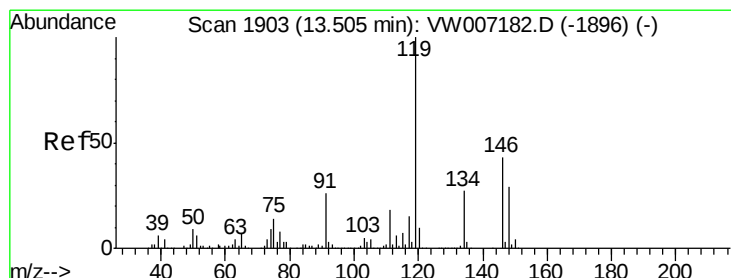
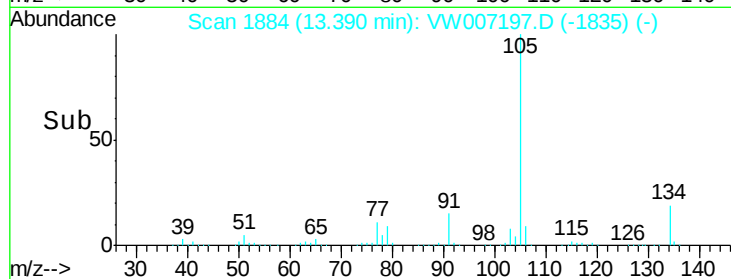
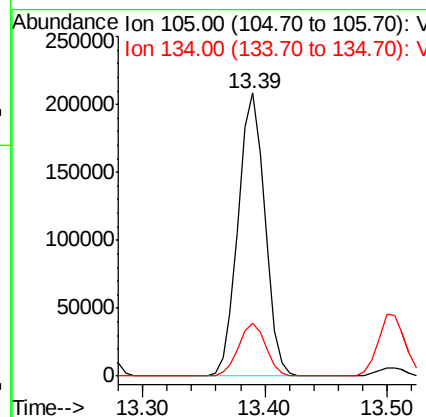
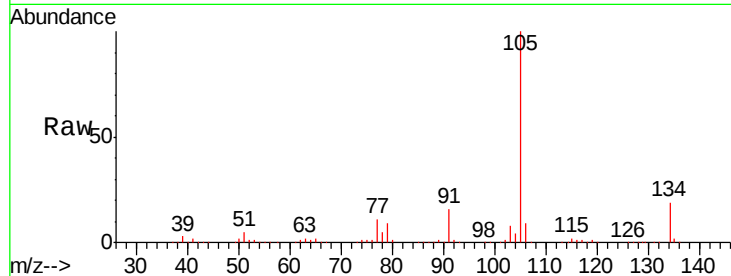
#85
 sec-Butylbenzene
 Concen: 47.067 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.0	10.3	30.8

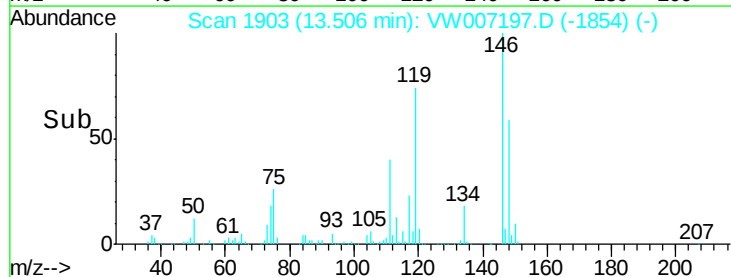
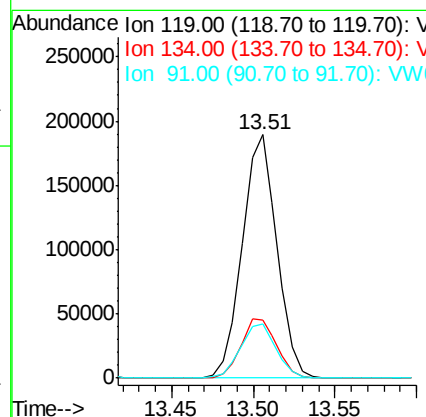
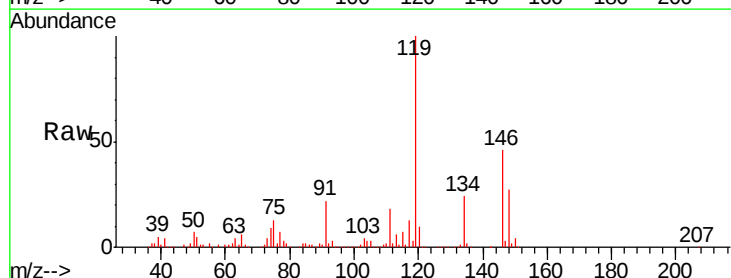
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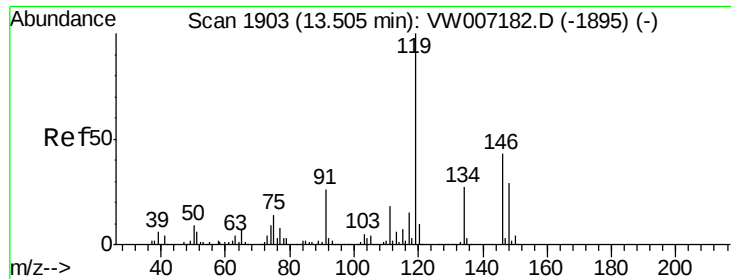
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#86
 p-Isopropyltoluene
 Concen: 46.714 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	13.2	39.6
91	22.9	12.4	37.2





#87

1,3-Dichlorobenzene

Concen: 49.598 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Instrument :

MSVOA_W

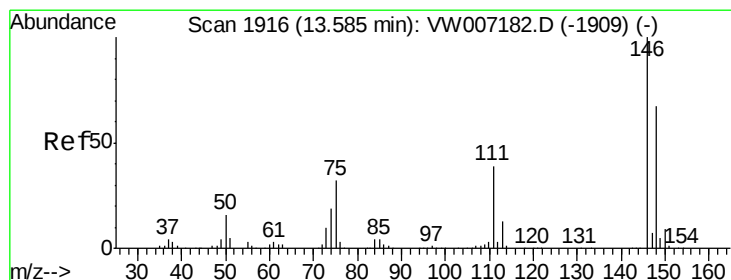
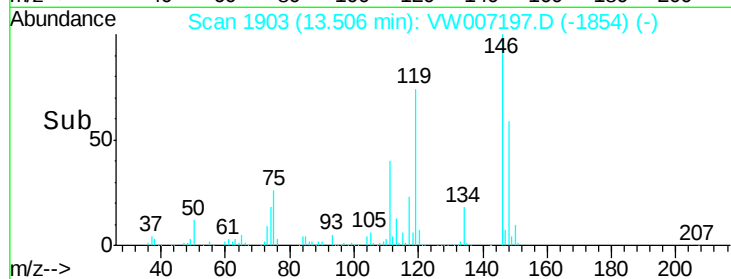
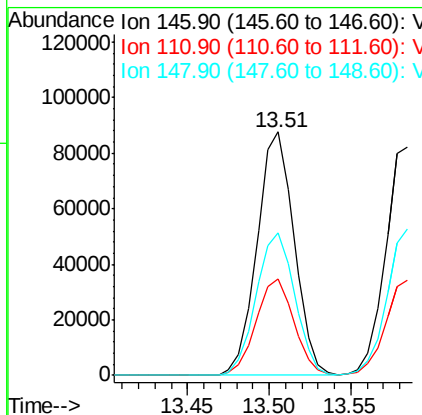
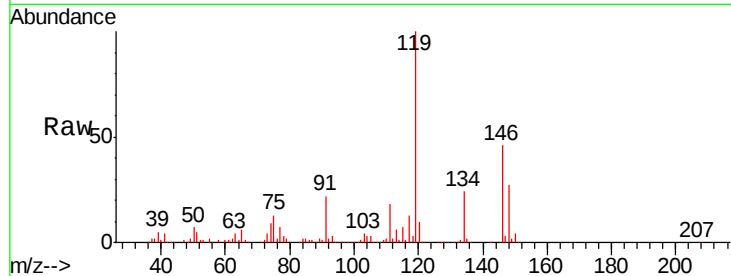
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	146	Resp:	137956
Ion Ratio	Lower	Upper	
146	100		
111	40.6	21.1	63.4
148	61.1	32.8	98.4

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#88

1,4-Dichlorobenzene

Concen: 47.972 ug/l

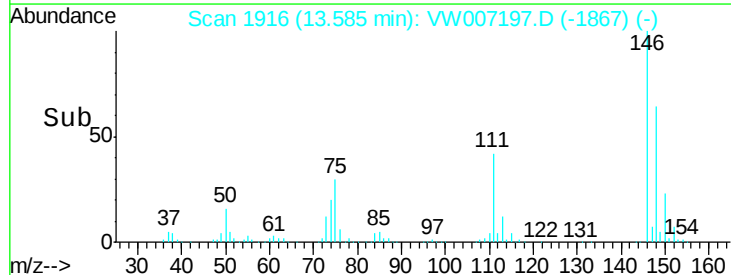
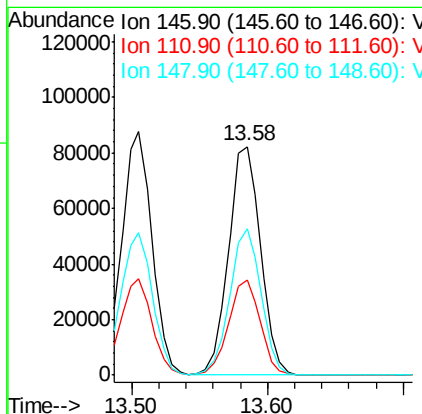
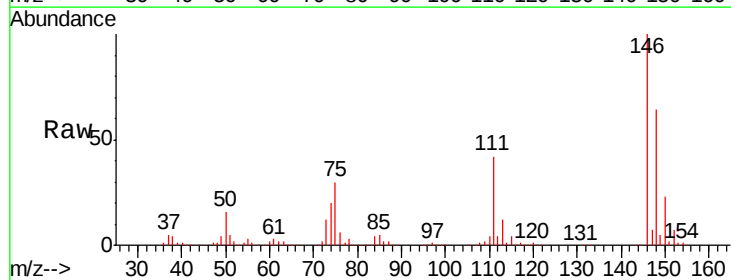
RT: 13.58 min Scan# 1916

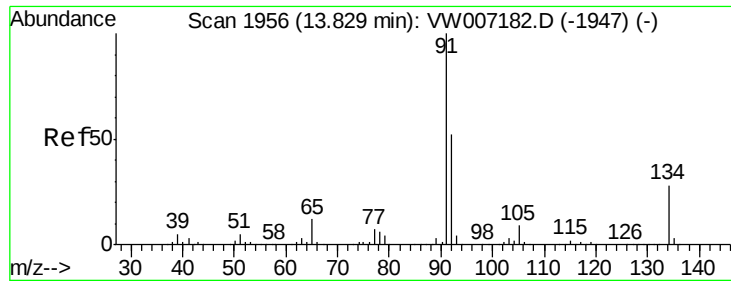
Delta R.T. 0.00 min

Lab File: VW007197.D

Acq: 04 Dec 2018 19:29

Tgt Ion:	146	Resp:	134783
Ion Ratio	Lower	Upper	
146	100		
111	41.2	19.6	58.8
148	62.6	32.6	98.0





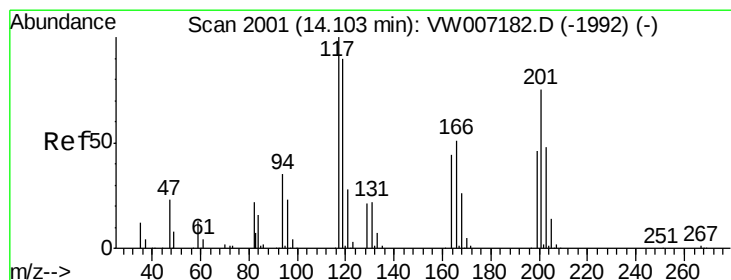
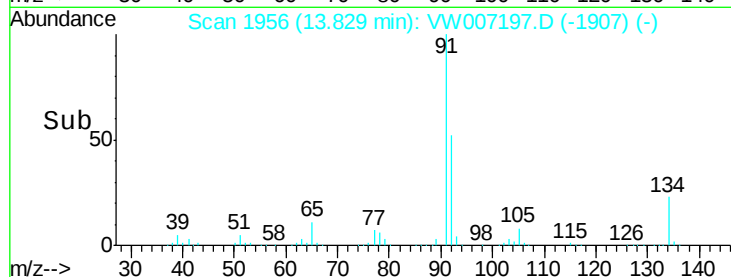
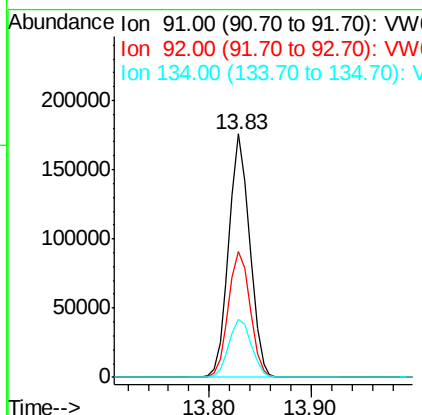
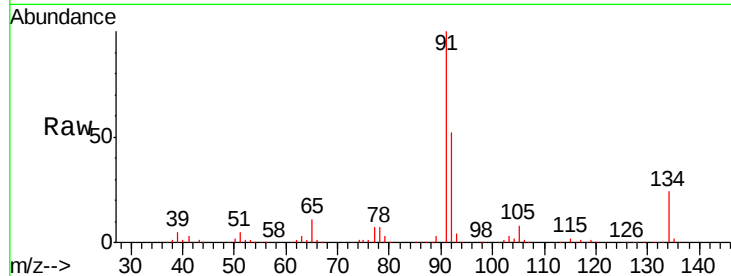
#89
n-Butylbenzene
Concen: 44.774 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.5	79.5
134	25.6	14.1	42.2

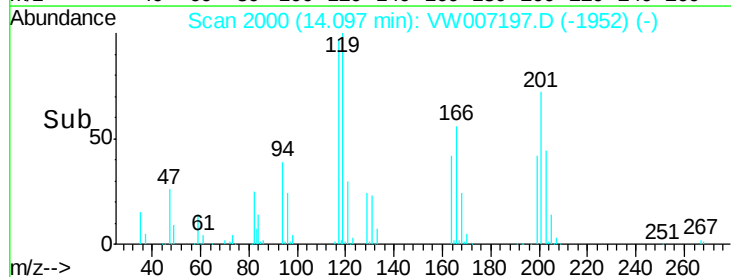
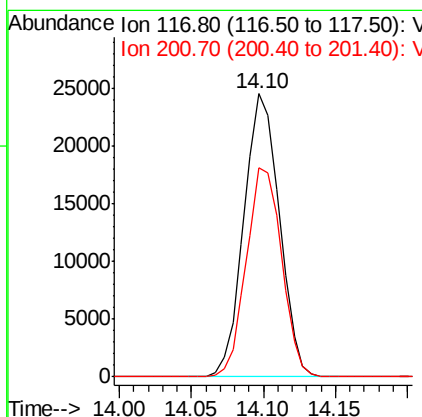
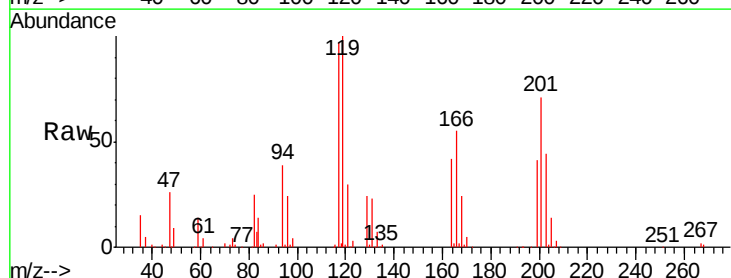
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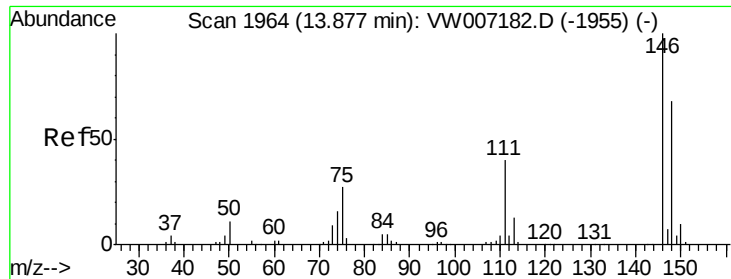
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#90
Hexachloroethane
Concen: 46.094 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.3	36.0	108.1





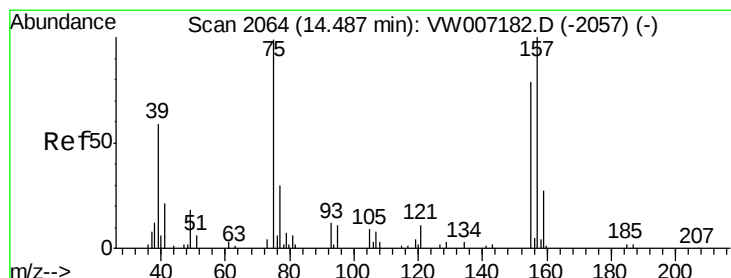
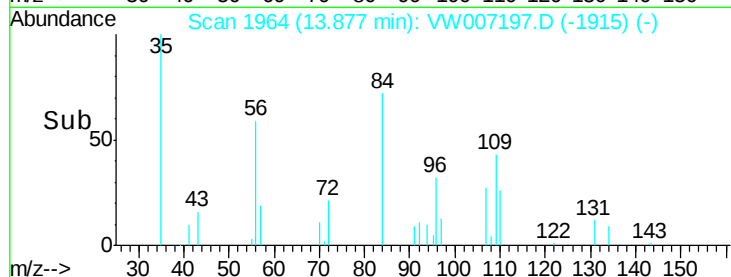
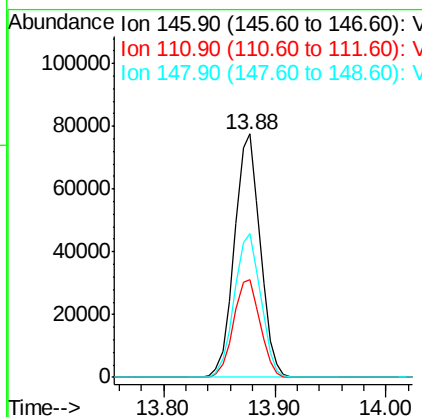
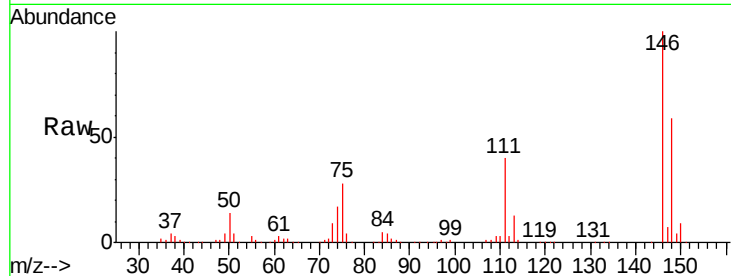
#91
 1,2-Dichlorobenzene
 Concen: 51.575 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.6	65.0
148	60.9	32.7	98.1

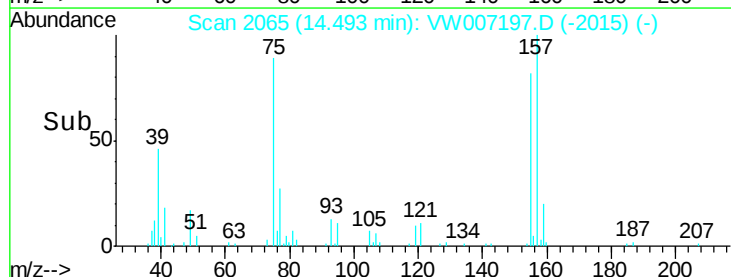
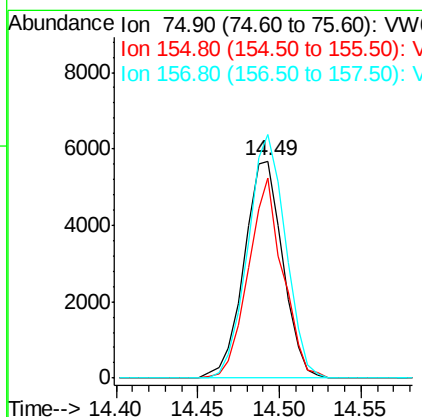
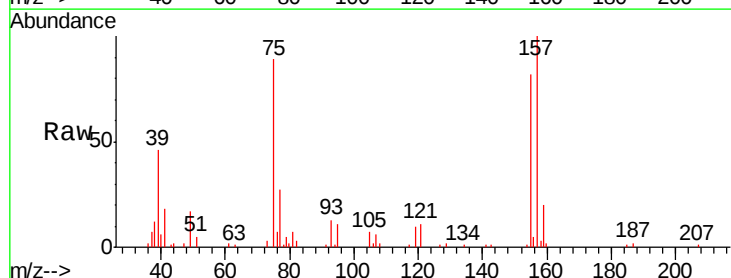
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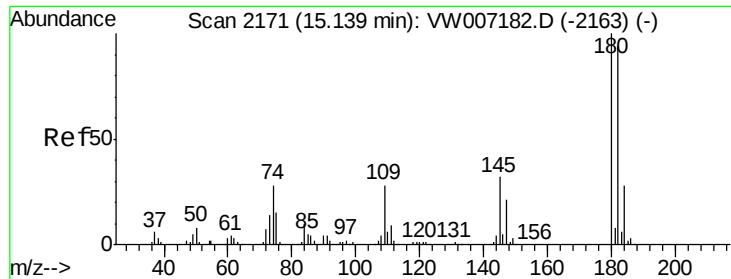
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.320 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	42.4	127.2
157	109.7	55.3	165.9





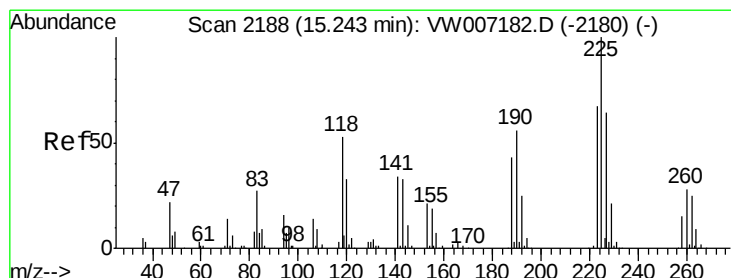
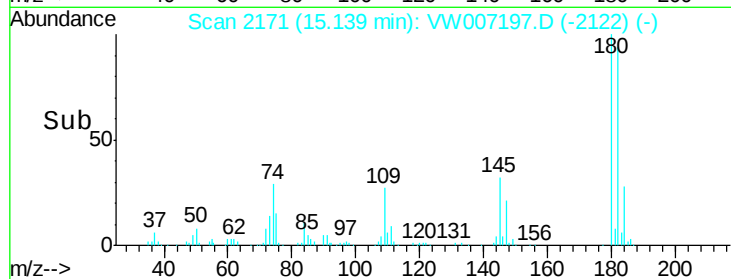
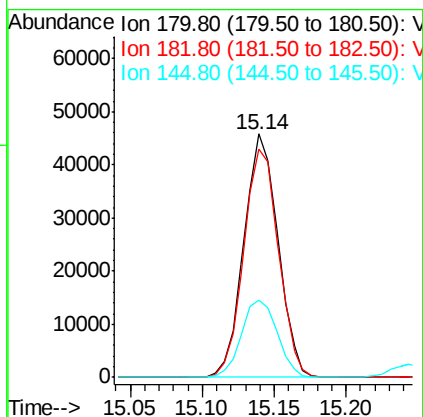
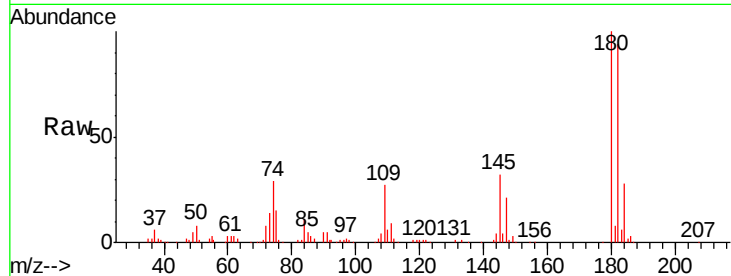
#93
 1,2,4-Trichlorobenzene
 Concen: 44.965 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.8
145	33.5	16.6	49.7

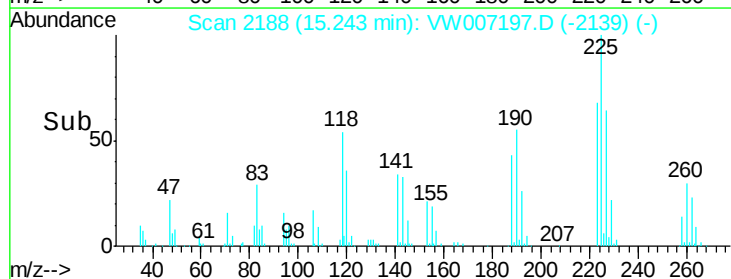
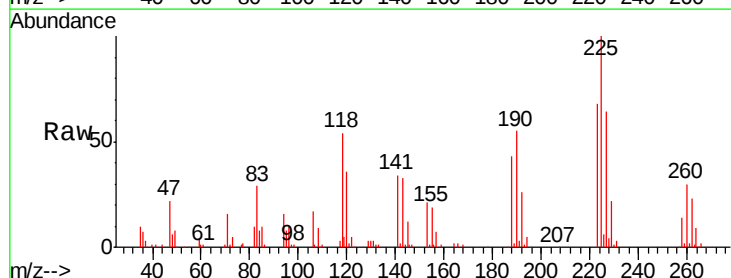
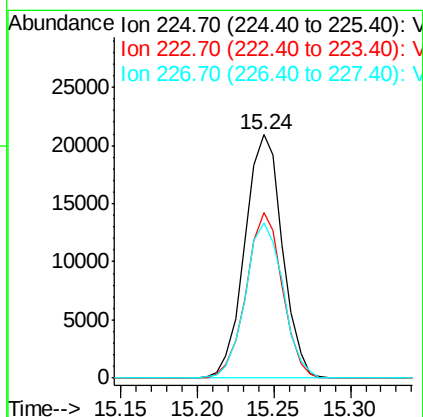
Manual Integrations
 APPROVED

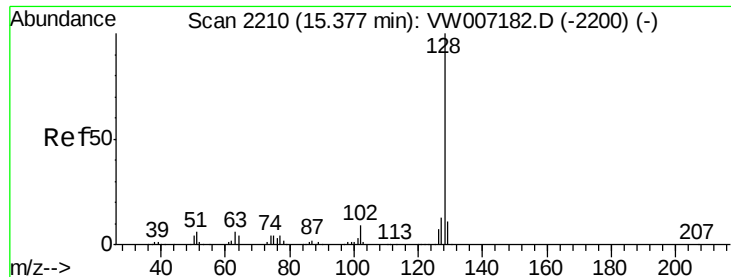
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#94
 Hexachlorobutadiene
 Concen: 39.661 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007197.D
 Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.3	96.8
227	64.2	32.1	96.3





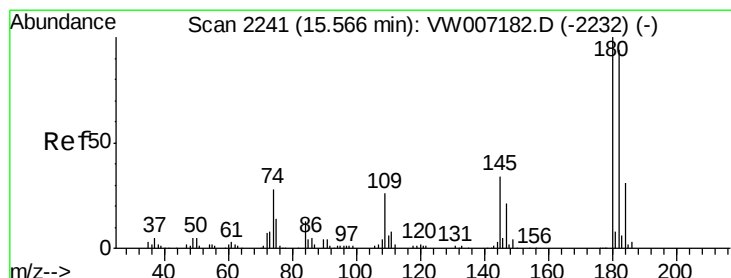
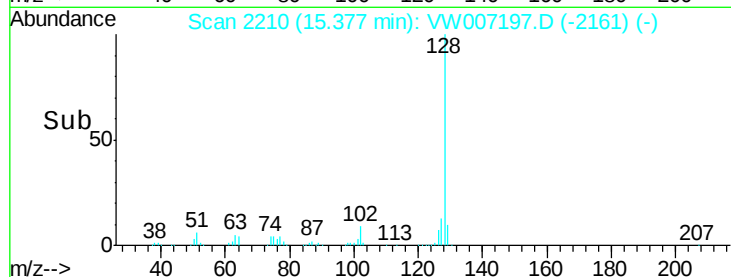
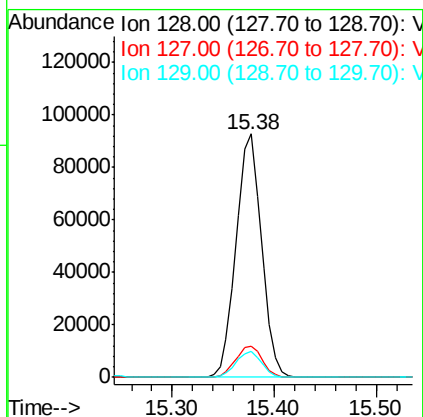
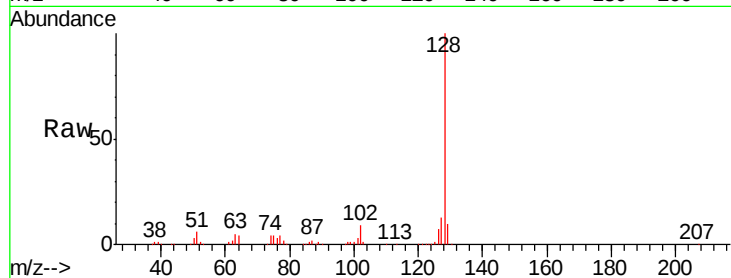
#95
Naphthalene
Concen: 53.501 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	160006		
127	13.4	10.3	15.5	
129	10.7	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.959 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007197.D
Acq: 04 Dec 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	64669		
182	92.2	47.4	142.2	
145	34.9	17.6	52.8	

