

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007250.D
 Acq On : 05 Dec 2018 23:26
 Operator : SY/AP
 Sample : J6206-04MS
 Misc : 5.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 12/6/2018 12:56:04 PM

Quant Time: Dec 06 07:13:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	154007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46439	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	7.89	113	44397	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.33	98	188867	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.62	95	66844	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	46096	44.665	ug/l	100
3) Chloromethane	2.21	50	58747	44.950	ug/l	97
4) Vinyl Chloride	2.36	62	39539	48.318	ug/l	98
5) Bromomethane	2.76	94	24821	60.531	ug/l	89
6) Chloroethane	2.92	64	22975	50.039	ug/l	94
7) Trichlorofluoromethane	3.26	101	76304	47.828	ug/l	99
8) Diethyl Ether	3.69	74	23996	53.960	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45307	47.011	ug/l	99
10) Methyl Iodide	4.28	142	33567	40.886	ug/l	99
11) Tert butyl alcohol	5.17	59	15895	184.663	ug/l	98
12) 1,1-Dichloroethene	4.04	96	43496	48.159	ug/l	98
13) Acrolein	3.90	56	8780	142.676	ug/l	98
14) Allyl chloride	4.67	41	70495	48.694	ug/l	98
15) Acrylonitrile	5.37	53	47250	254.158	ug/l	99
16) Acetone	4.12	43	40139	193.060	ug/l	100
17) Carbon Disulfide	4.38	76	140774	47.285	ug/l	98
18) Methyl Acetate	4.68	43	72425	152.611	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	113620	53.432	ug/l	99
20) Methylene Chloride	4.92	84	71993	70.945	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	49756	49.338	ug/l	99
22) Diisopropyl ether	6.32	45	140392	54.021	ug/l	99
23) Vinyl Acetate	6.26	43	88463	62.383	ug/l	99
24) 1,1-Dichloroethane	6.22	63	86796	52.108	ug/l	100
25) 2-Butanone	7.17	43	54325	225.406	ug/l	94
26) 2,2-Dichloropropane	7.17	77	74554	46.575	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	55052	50.923	ug/l	99
28) Bromochloromethane	7.52	49	33776	56.235	ug/l	99
29) Tetrahydrofuran	7.53	42	37736	253.375	ug/l	99
30) Chloroform	7.68	83	91414	52.806	ug/l	99
31) Cyclohexane	7.96	56	79368	45.540	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	84975	52.160	ug/l	99
36) 1,1-Dichloropropene	8.09	75	71572	47.762	ug/l	99
37) Ethyl Acetate	7.26	43	15600	28.780	ug/l	98
38) Carbon Tetrachloride	8.07	117	74055	48.418	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87234	43.486	ug/l	99
40) Benzene	8.33	78	212545	51.725	ug/l	99
41) Methacrylonitrile	7.48	41	16092	49.563	ug/l	100
42) 1,2-Dichloroethane	8.40	62	59474	51.788	ug/l	100
43) Isopropyl Acetate	8.43	43	34592	32.858	ug/l	92
44) Trichloroethene	9.09	130	56928	49.287	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48102	50.304	ug/l	100
46) Dibromomethane	9.46	93	25424	51.167	ug/l	95
47) Bromodichloromethane	9.65	83	66768	51.084	ug/l	96
48) Methyl methacrylate	9.44	41	33685	61.649	ug/l	97
49) 1,4-Dioxane	9.45	88	7993	920.852	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	137176	264.406	ug/l	99
52) Toluene	10.39	92	142344	49.799	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	63949	48.665	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	76896	49.933	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36526	51.680	ug/l	94
56) Ethyl methacrylate	10.65	69	27294	29.605	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59609	49.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97226	262.552	ug/l	99
59) 2-Hexanone	10.97	43	91168	242.408	ug/l	99
60) Dibromochloromethane	11.13	129	43511	50.090	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35982	53.079	ug/l	96
64) Tetrachloroethene	10.87	164	46782	46.333	ug/l	94
65) Chlorobenzene	11.66	112	150538	48.774	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.73	131	48931	51.333	ug/l	98
67) Ethyl Benzene	11.74	91	265096	47.126	ug/l	97
68) m/p-Xylenes	11.85	106	212158	96.137	ug/l	99
69) o-Xylene	12.17	106	98918	47.976	ug/l	89
70) Styrene	12.18	104	163690	48.499	ug/l	98
71) Bromoform	12.35	173	23841	49.964	ug/l #	95
73) Isopropylbenzene	12.47	105	264972	52.849	ug/l	98
74) N-amyl acetate	12.27	43	22111	24.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	37782	58.024	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	25473m	53.367	ug/l	
77) Bromobenzene	12.75	156	60894	56.267	ug/l	97
78) n-propylbenzene	12.81	91	299688	50.172	ug/l	98
79) 2-Chlorotoluene	12.90	91	180569	53.532	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	224623	52.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11608	52.417	ug/l	92
82) 4-Chlorotoluene	12.99	91	182964	50.987	ug/l	99
83) tert-Butylbenzene	13.21	119	190317	50.775	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	226941	51.834	ug/l	99
85) sec-Butylbenzene	13.39	105	253111	47.302	ug/l	98
86) p-Isopropyltoluene	13.51	119	224014	47.027	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	112004	50.415	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	118193	52.668	ug/l	95
89) n-Butylbenzene	13.83	91	204830	46.016	ug/l	99
90) Hexachloroethane	14.10	117	36799	50.695	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	100534	52.272	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6997	55.471	ug/l	98

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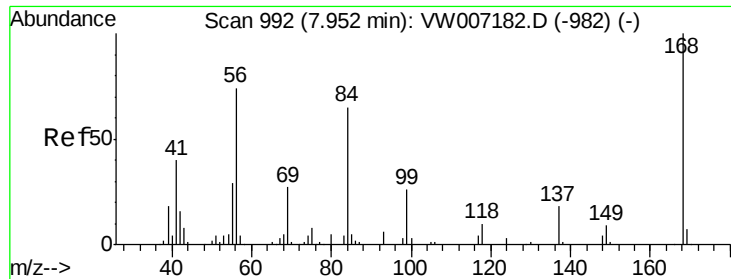
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57643	43.248	ug/l	98
94) Hexachlorobutadiene	15.24	225	28487	39.634	ug/l	97
95) Naphthalene	15.38	128	117781	49.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	48052	42.755	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: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

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Tgt Ion:168 Resp: 94329

Ion Ratio Lower Upper

168 100

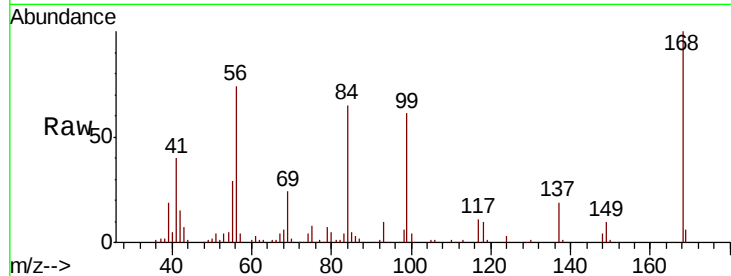
99 61.3 47.8 71.8

Manual Integrations

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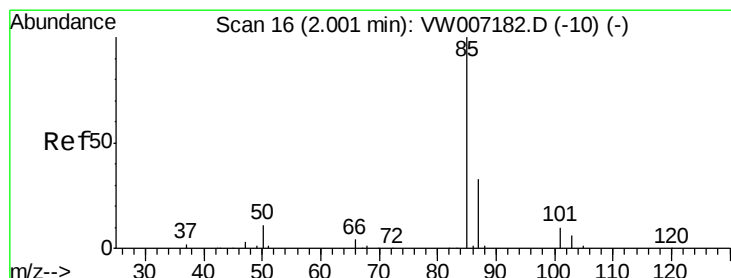
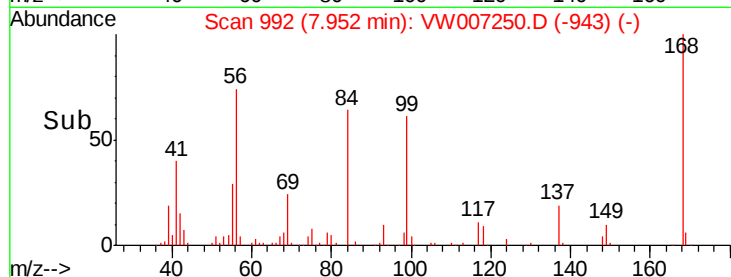
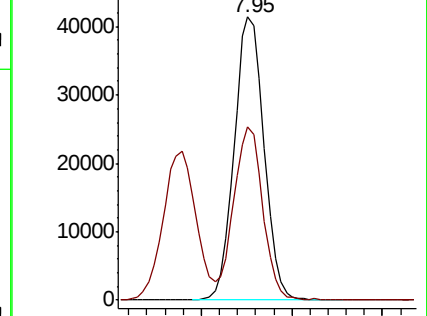
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.665 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007250.D

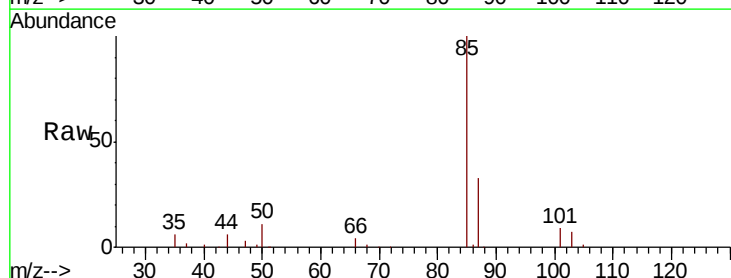
Acq: 05 Dec 2018 23:26

Tgt Ion: 85 Resp: 46096

Ion Ratio Lower Upper

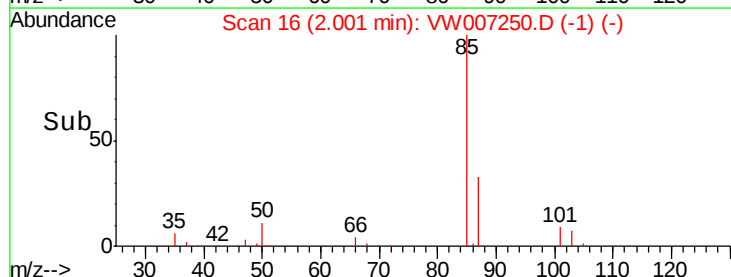
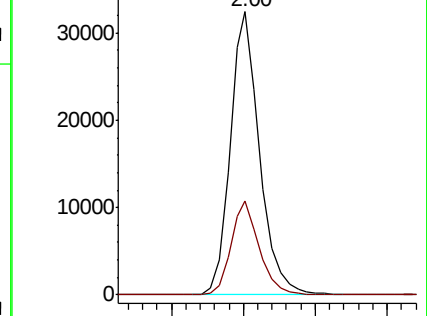
85 100

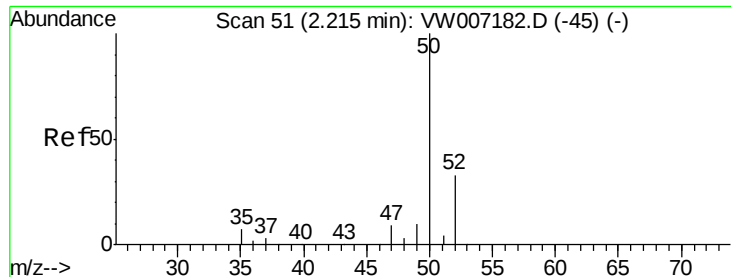
87 33.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.950 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 50 Resp: 58747

Ion Ratio Lower Upper

50 100

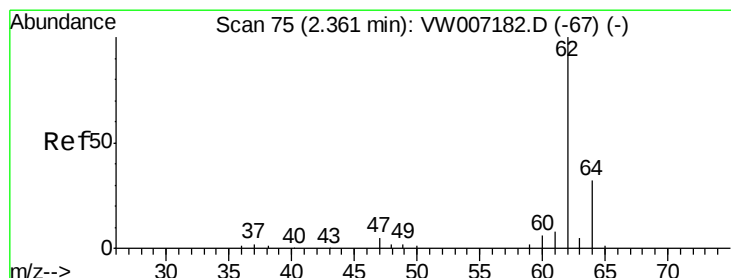
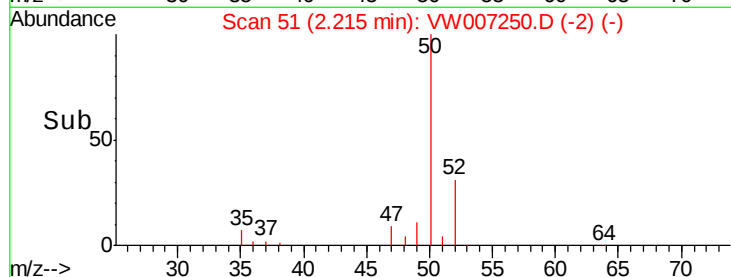
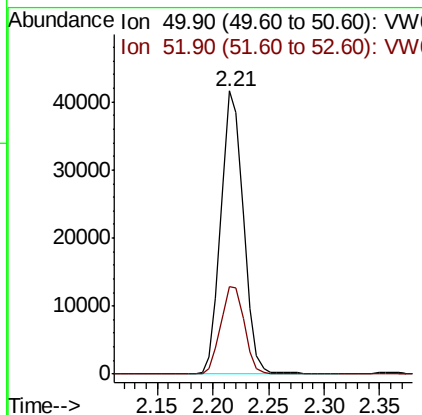
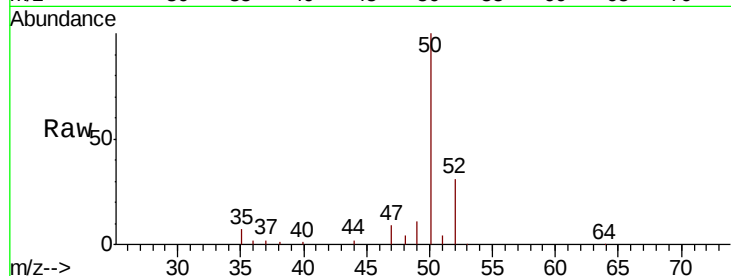
52 31.1 26.2 39.2

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#4

Vinyl Chloride

Concen: 48.318 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007250.D

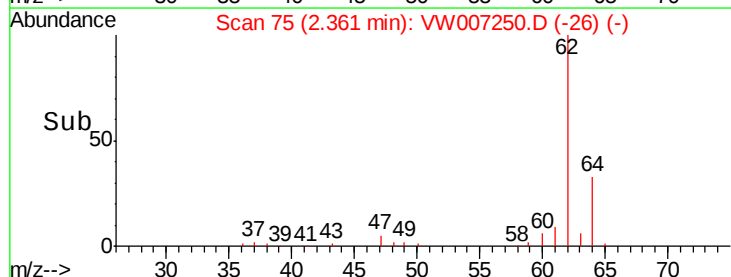
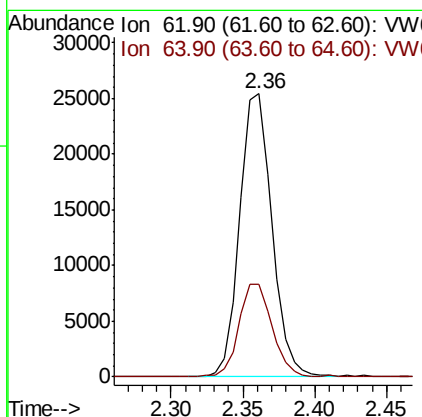
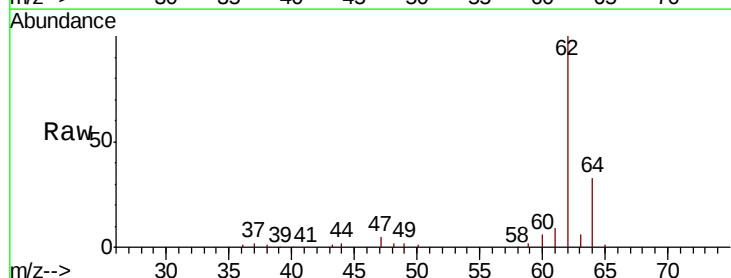
Acq: 05 Dec 2018 23:26

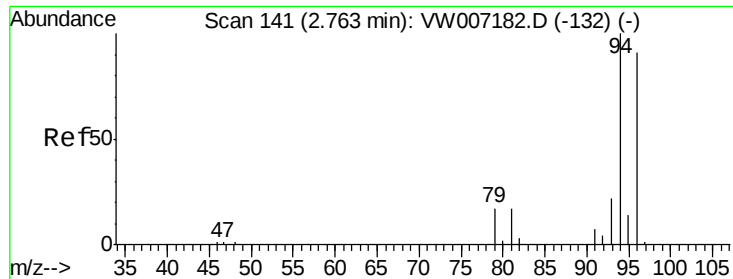
Tgt Ion: 62 Resp: 39539

Ion Ratio Lower Upper

62 100

64 32.9 25.3 37.9





#5

Bromomethane

Concen: 60.531 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW007250.D

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HLSP-SB-5B-(8.5)MS

Tgt Ion: 94 Resp: 24821

Ion Ratio Lower Upper

94 100

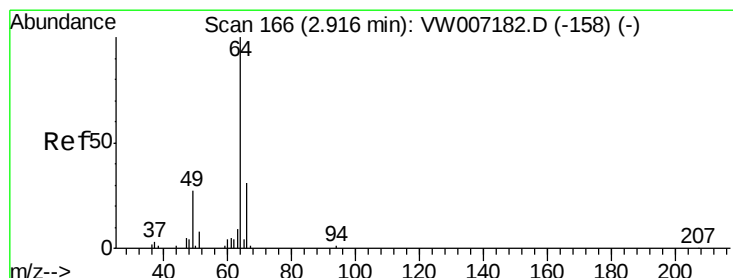
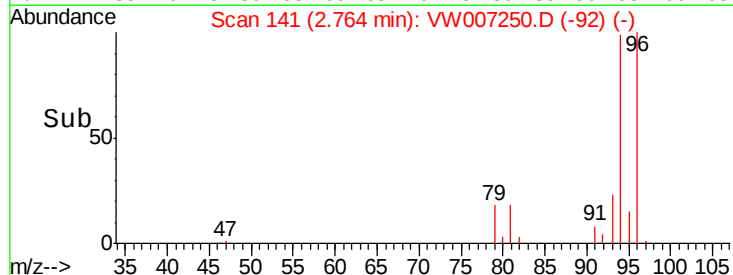
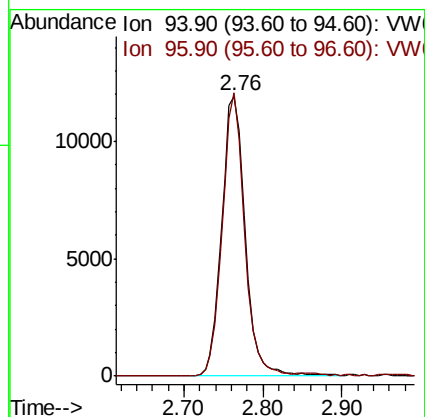
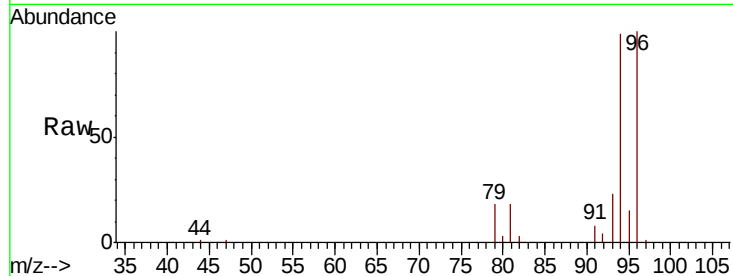
96 101.3 72.8 109.2

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#6

Chloroethane

Concen: 50.039 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW007250.D

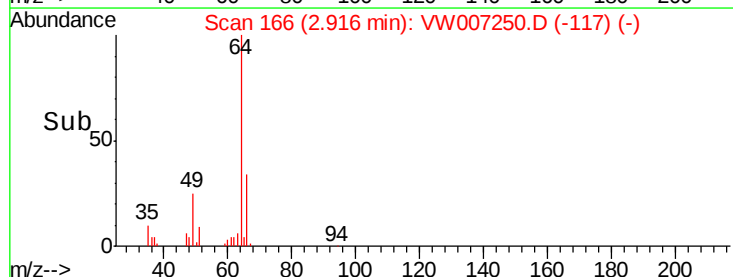
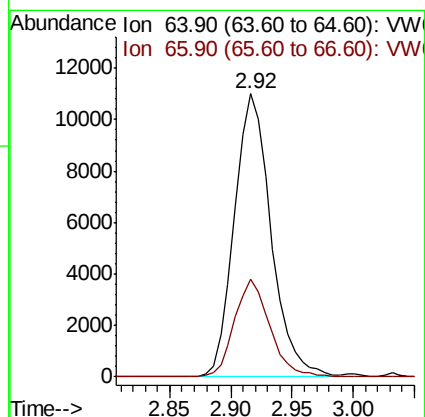
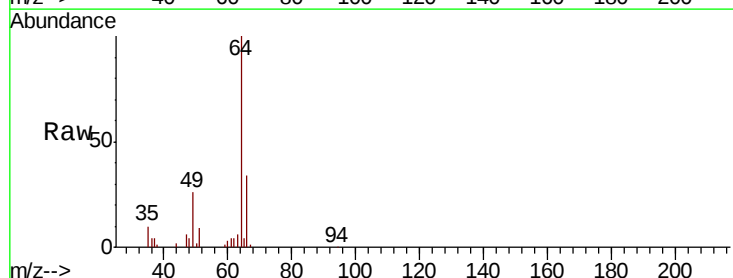
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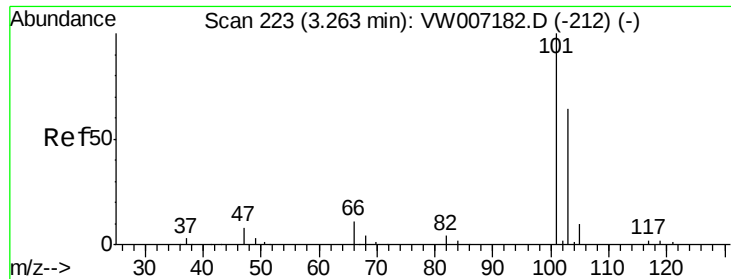
Tgt Ion: 64 Resp: 22975

Ion Ratio Lower Upper

64 100

66 34.4 25.0 37.6





#7

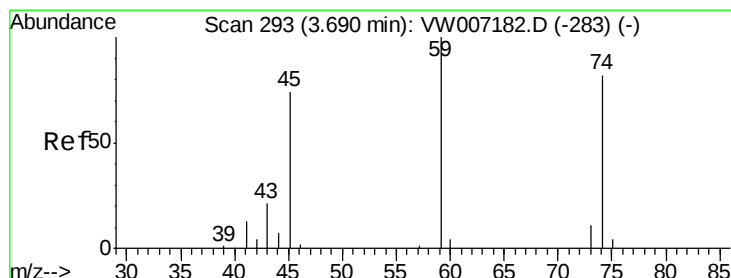
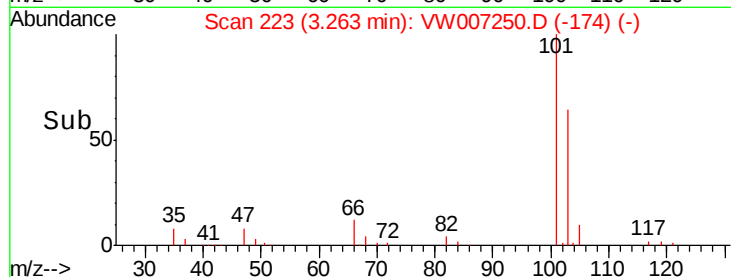
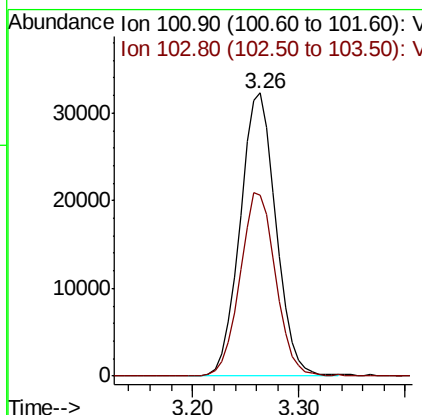
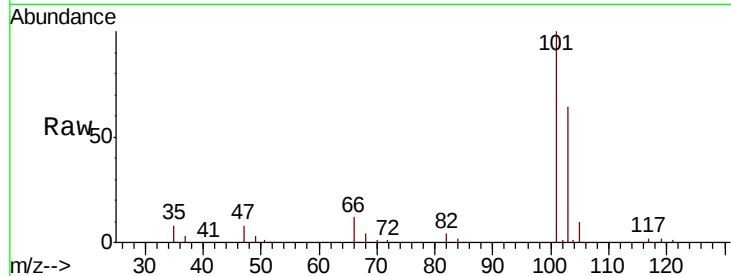
Trichlorofluoromethane
 Concen: 47.828 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW007250.D
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Tgt Ion: 101 Resp: 76304
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.9 76.3

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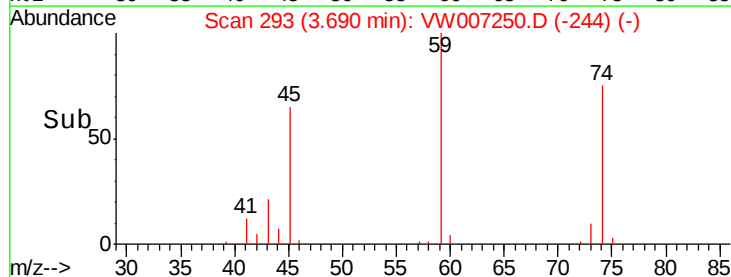
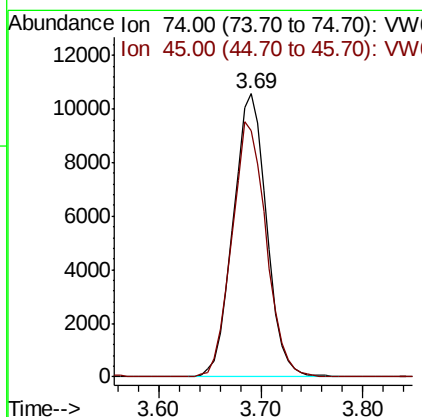
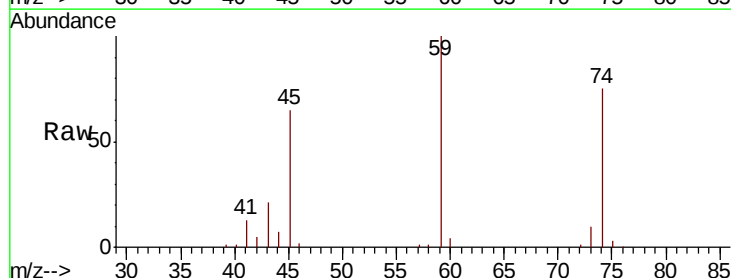
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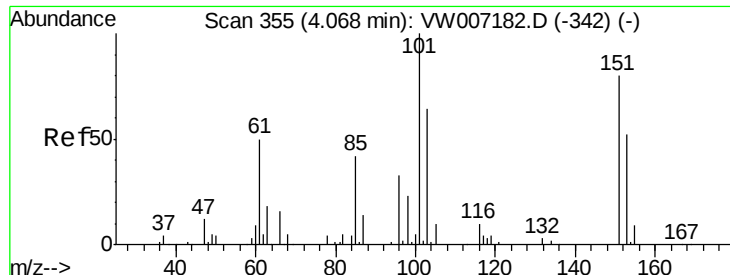


#8

Diethyl Ether
 Concen: 53.960 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 74 Resp: 23996
 Ion Ratio Lower Upper
 74 100
 45 92.2 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.011 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

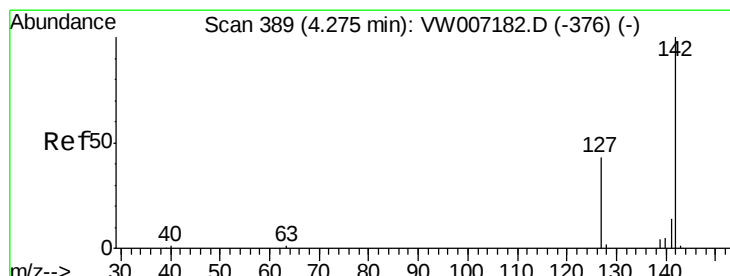
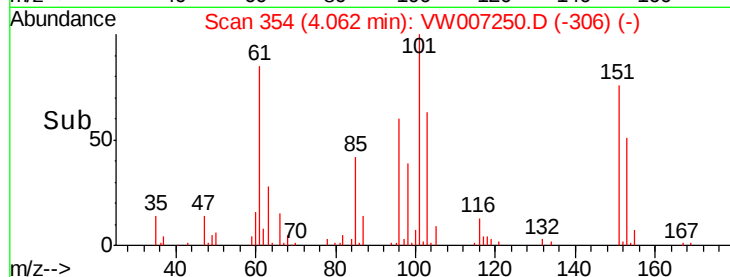
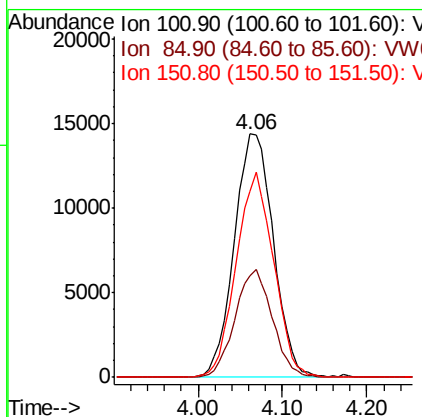
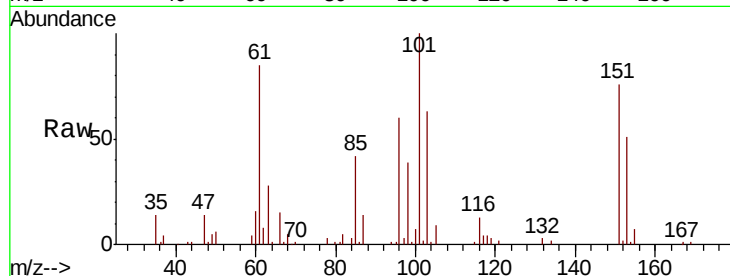
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	101	Resp:	45307
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.4	50.2
151	80.6	63.9	95.9

Manual Integrations
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#10

Methyl Iodide

Concen: 40.886 ug/l

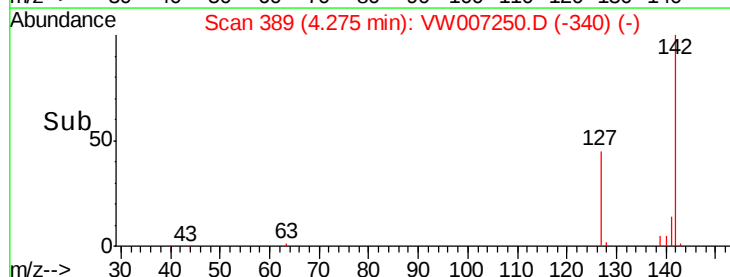
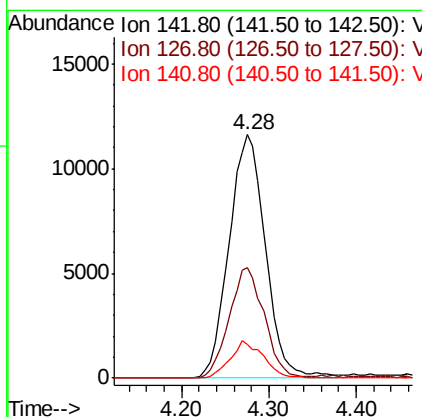
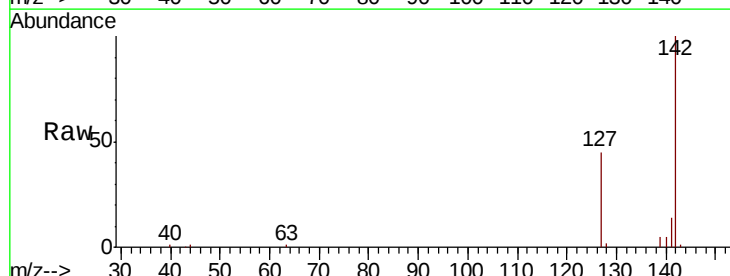
RT: 4.28 min Scan# 389

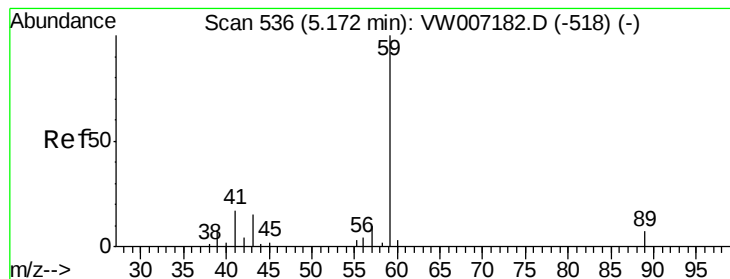
Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Tgt Ion:	142	Resp:	33567
Ion Ratio	Lower	Upper	
142	100		
127	43.8	34.9	52.3
141	14.0	11.7	17.5





#11

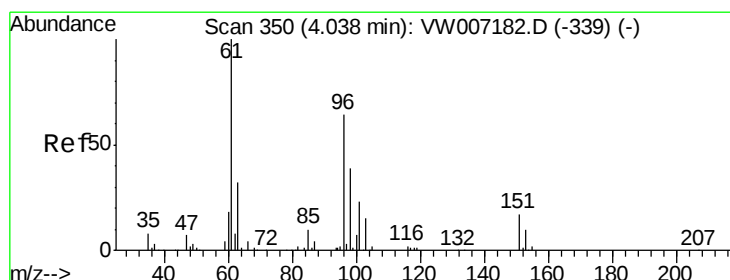
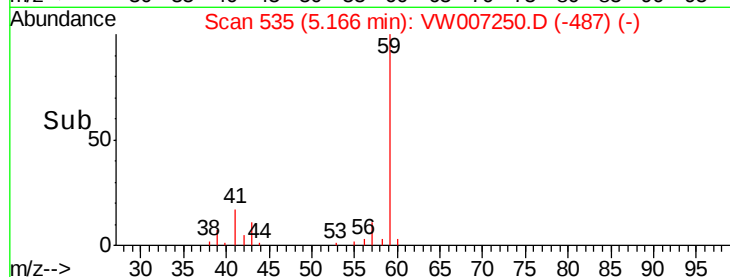
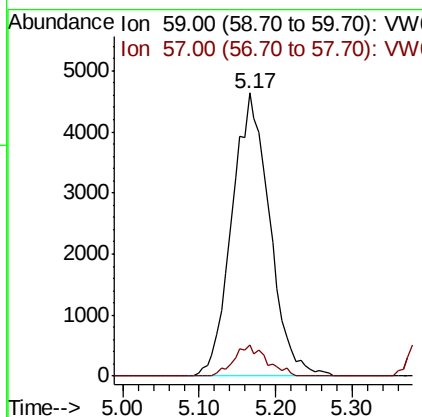
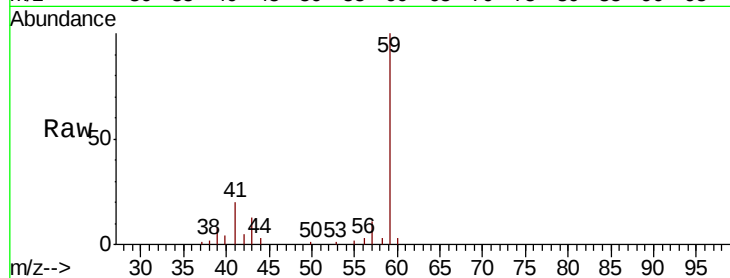
Tert butyl alcohol
 Concen: 184.663 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.1	10.7

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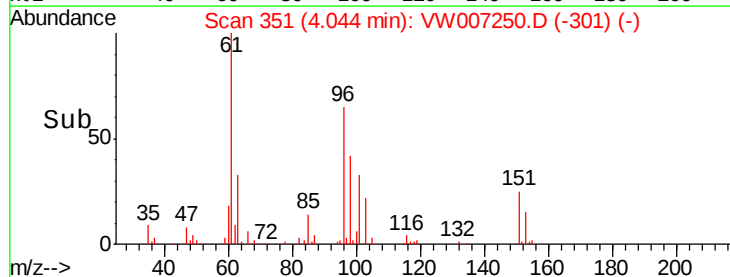
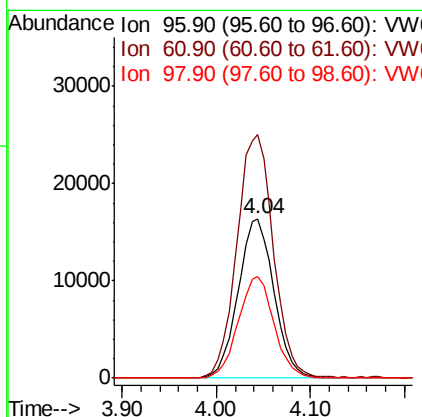
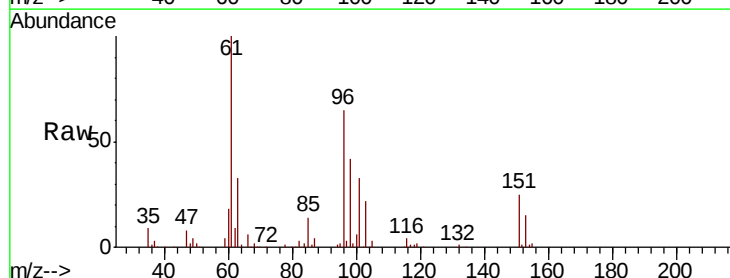
apatel
 12/6/2018 12:56:04 PM

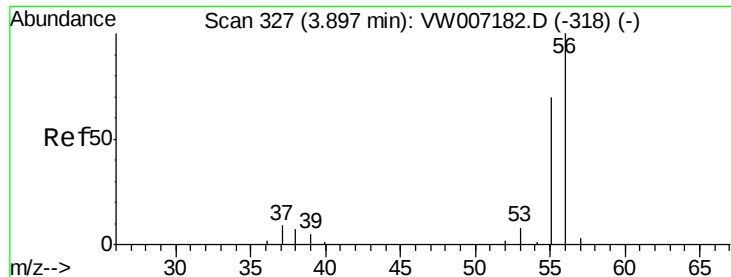


#12

1,1-Dichloroethene
 Concen: 48.159 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.0	124.1	186.1
98	64.2	48.6	72.8





#13

Acrolein

Concen: 142.676 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 56 Resp: 8780

Ion Ratio Lower Upper

56 100

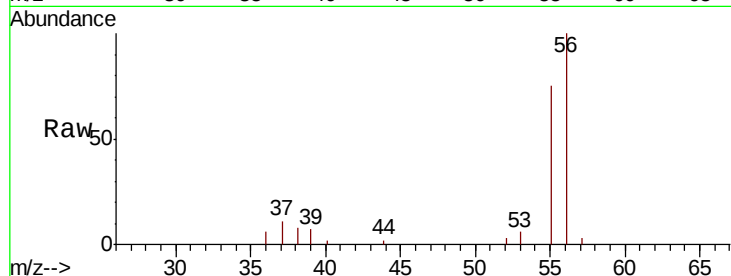
55 72.6 56.9 85.3

Manual Integrations

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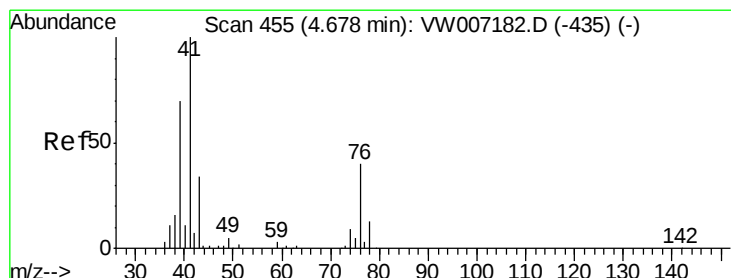
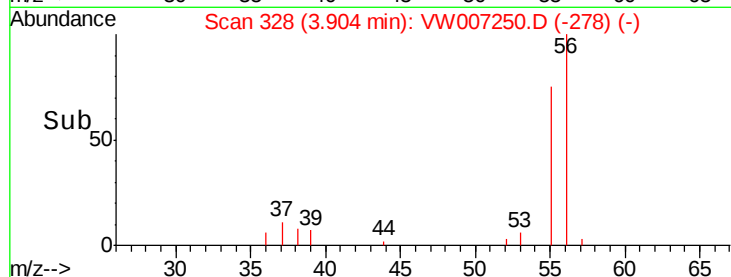
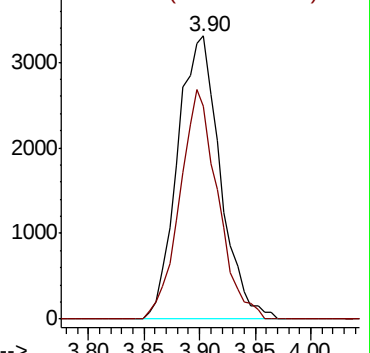
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 48.694 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

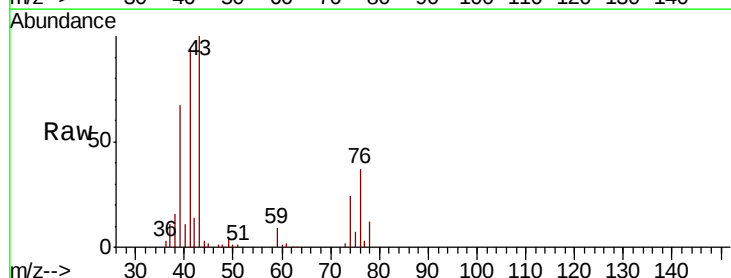
Tgt Ion: 41 Resp: 70495

Ion Ratio Lower Upper

41 100

39 72.3 55.9 83.9

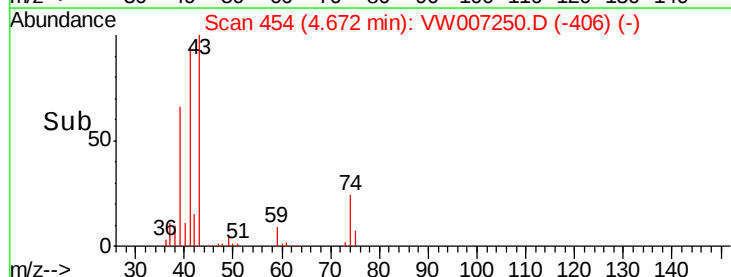
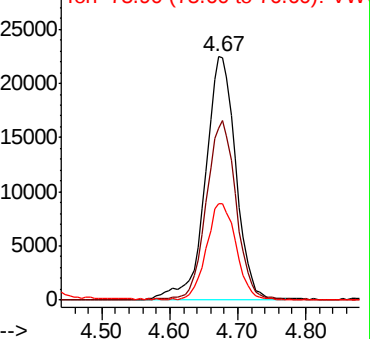
76 39.1 30.8 46.2

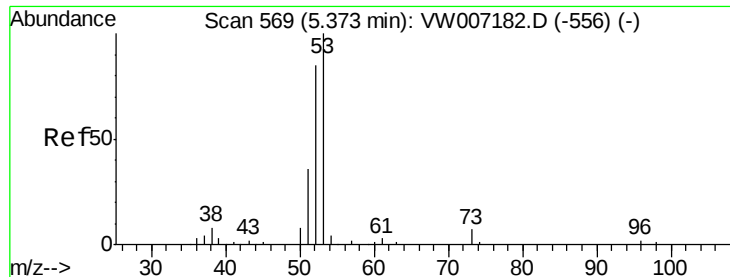


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 254.158 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

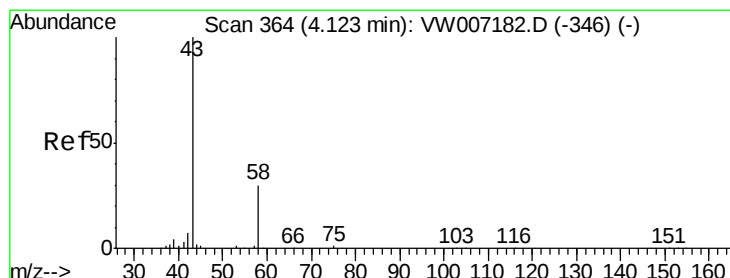
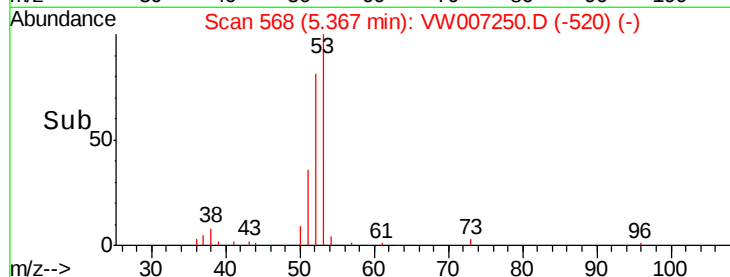
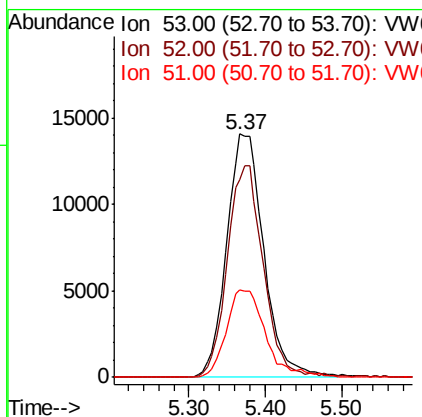
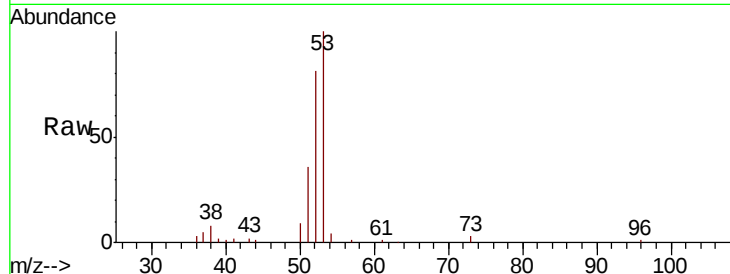
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	53	Resp:	47250
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.1	99.1
51	38.0	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 193.060 ug/l

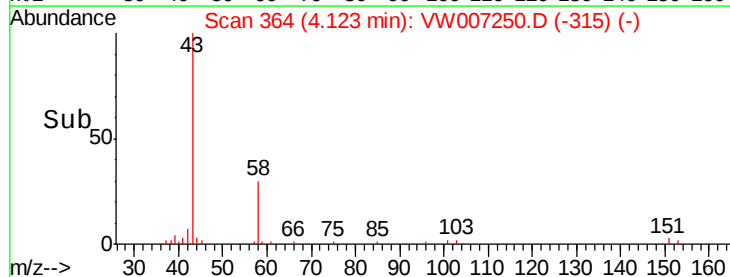
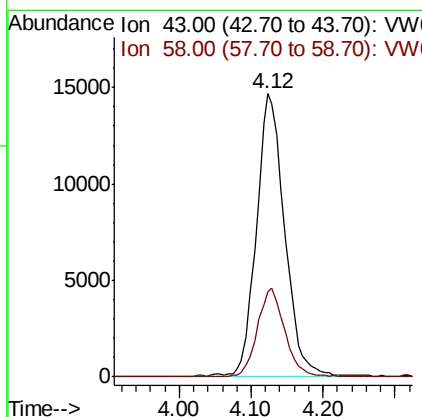
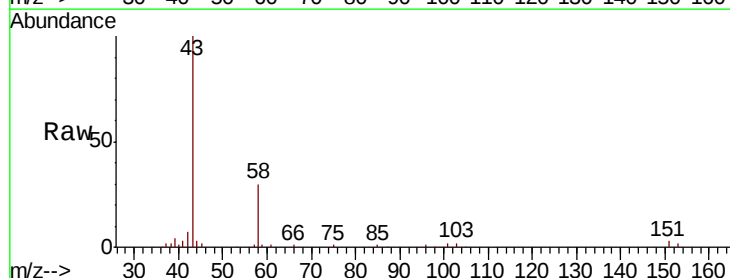
RT: 4.12 min Scan# 364

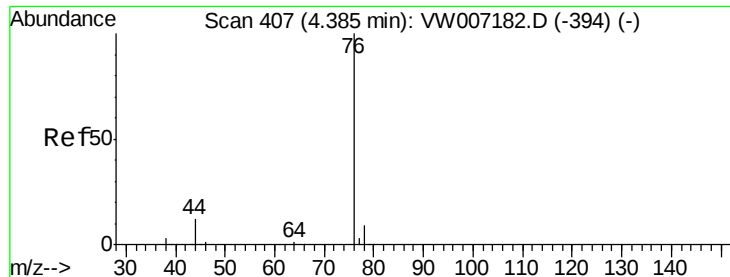
Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Tgt Ion:	43	Resp:	40139
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.8





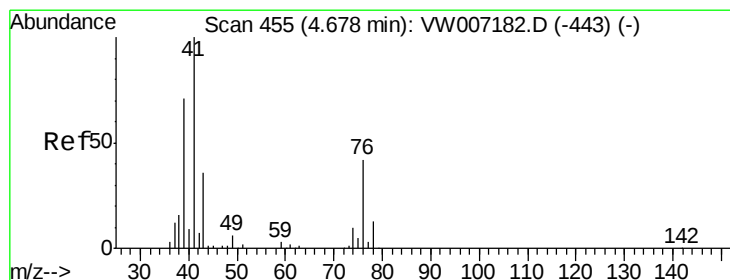
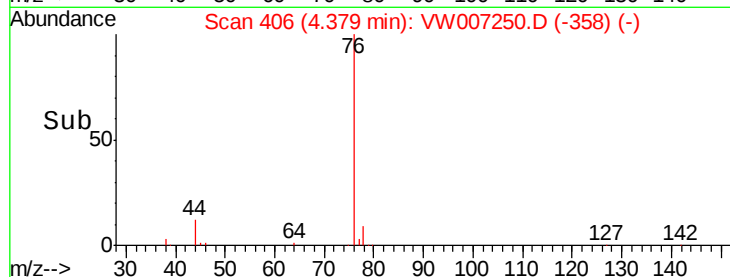
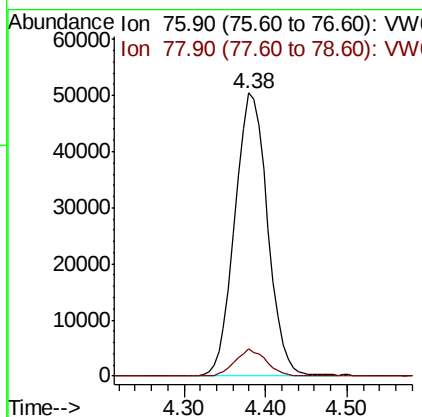
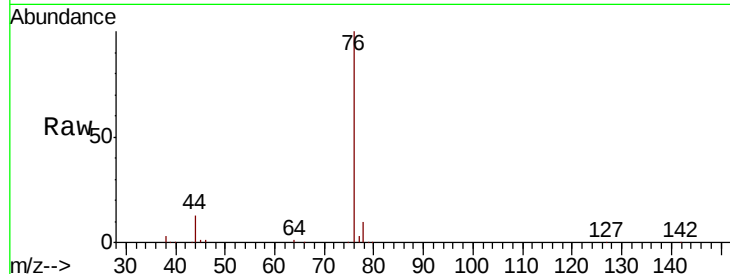
#17
Carbon Disulfide
Concen: 47.285 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion: 76 Resp: 140774
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

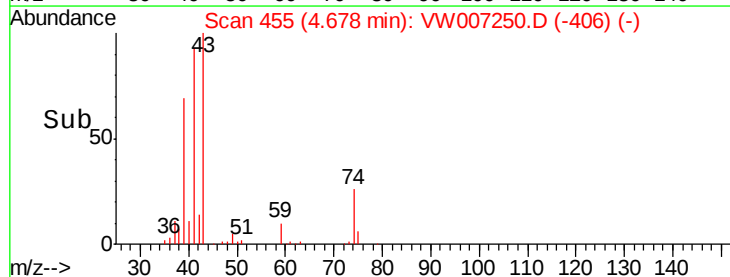
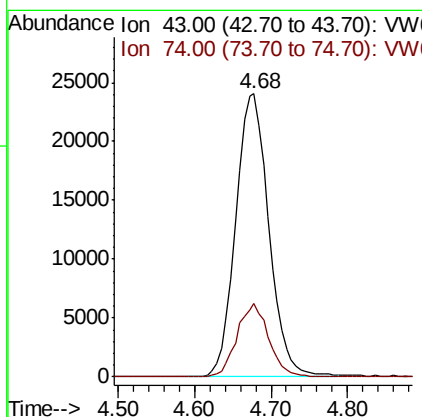
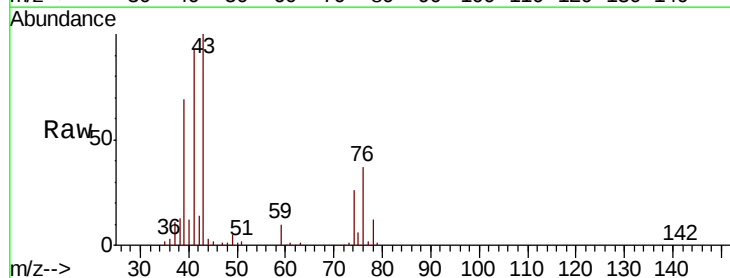
Manual Integrations
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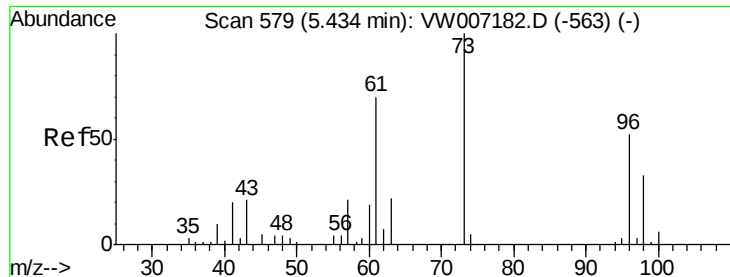
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#18
Methyl Acetate
Concen: 152.611 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 43 Resp: 72425
Ion Ratio Lower Upper
43 100
74 24.6 20.1 30.1





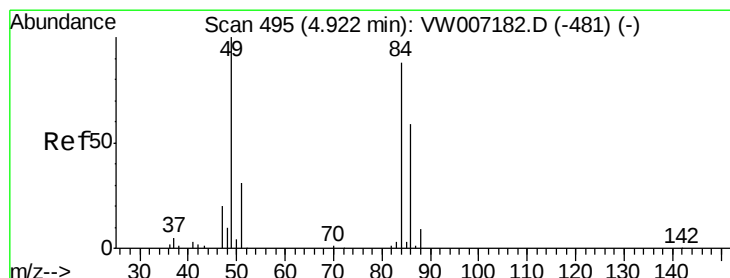
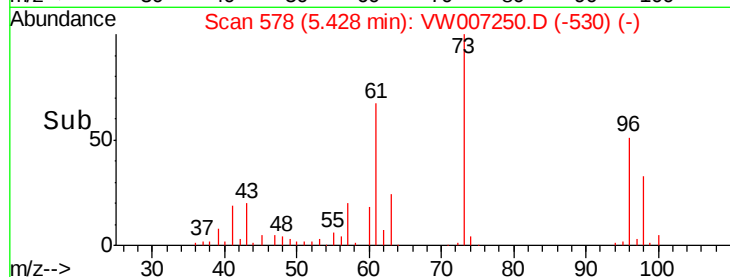
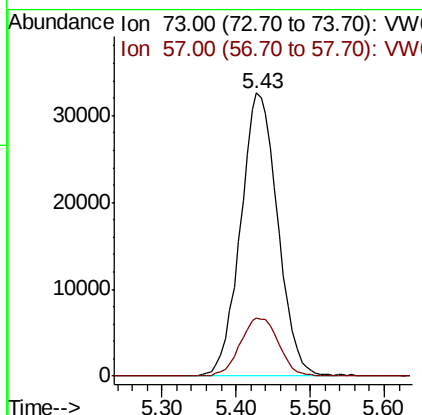
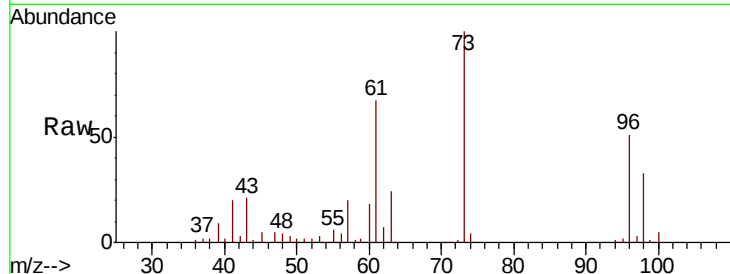
#19
Methyl tert-butyl Ether
Concen: 53.432 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion: 73 Resp: 113620
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0

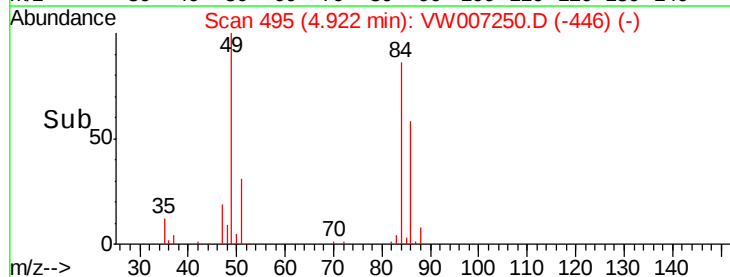
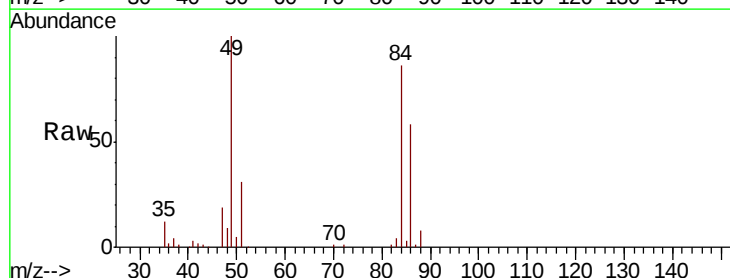
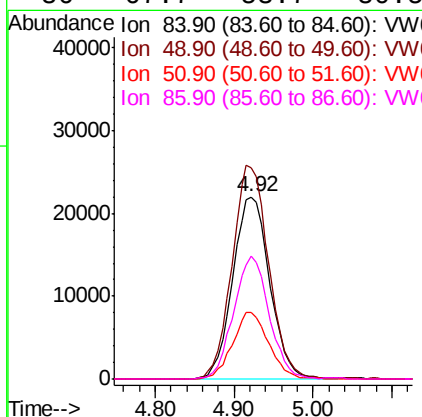
Manual Integrations
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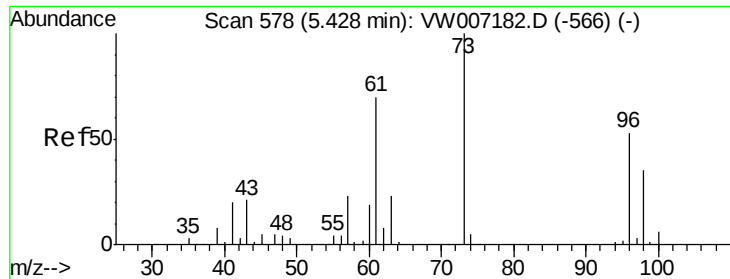
apatel
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#20
Methylene Chloride
Concen: 70.945 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 84 Resp: 71993
Ion Ratio Lower Upper
84 100
49 116.1 90.6 135.8
51 36.5 27.6 41.4
86 67.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 49.338 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

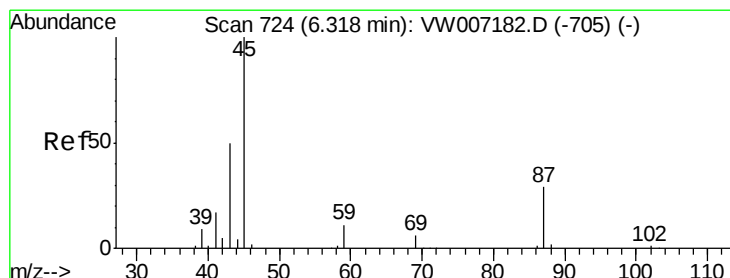
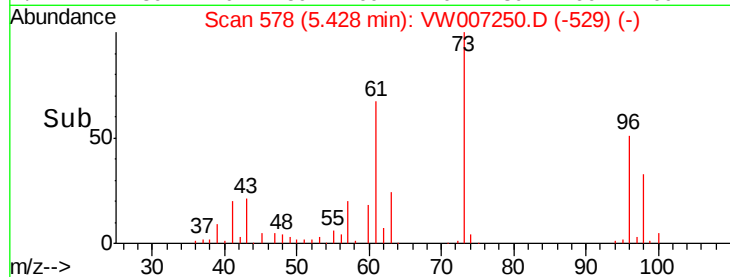
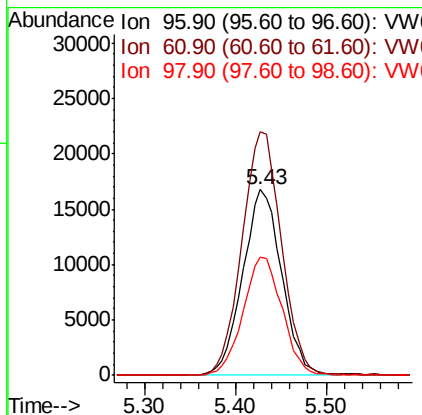
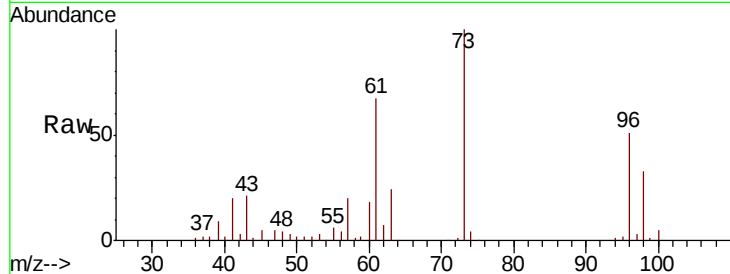
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	96	Resp:	49756
Ion	Ratio	Lower	Upper
96	100		
61	131.3	105.5	158.3
98	63.4	52.6	79.0

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#22

Diisopropyl ether

Concen: 54.021 ug/l

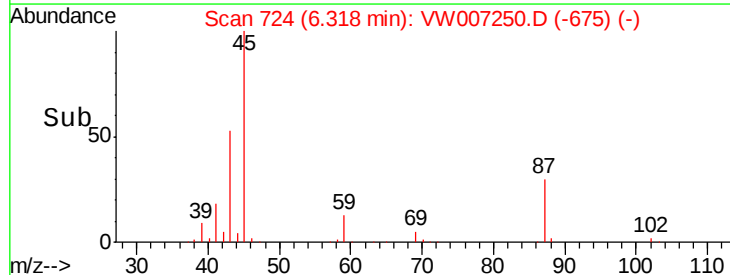
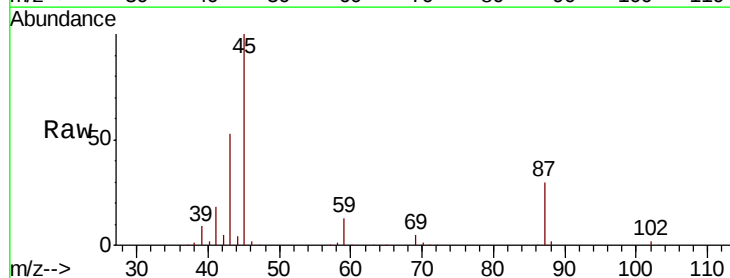
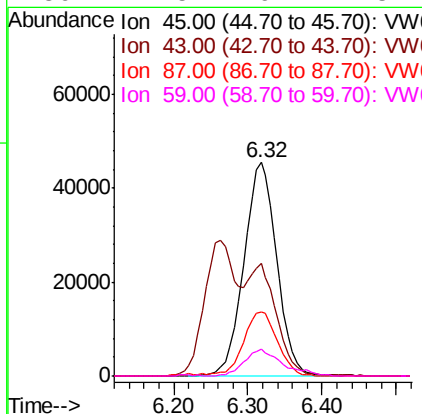
RT: 6.32 min Scan# 724

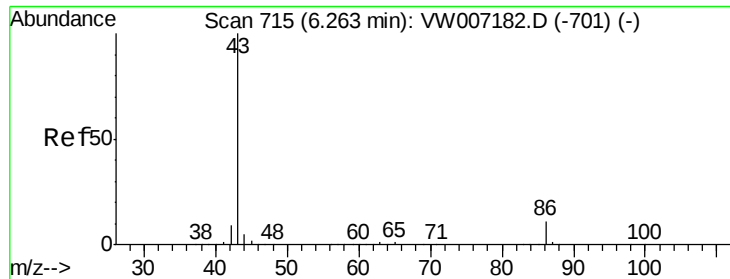
Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Tgt Ion:	45	Resp:	140392
Ion	Ratio	Lower	Upper
45	100		
43	52.2	40.8	61.2
87	30.2	24.0	36.0
59	12.5	9.1	13.7





#23

Vinyl Acetate

Concen: 62.383 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 43 Resp: 88463

Ion Ratio Lower Upper

43 100

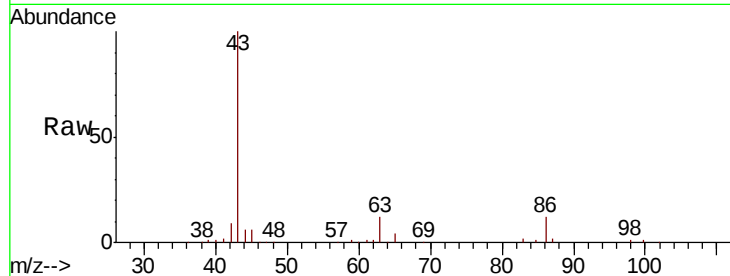
86 11.9 9.0 13.6

Manual Integrations

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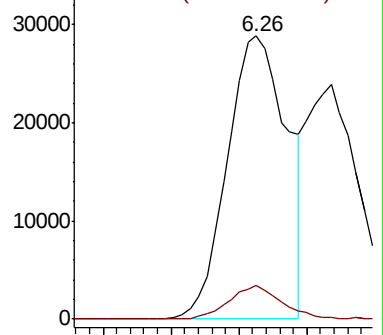
apatel

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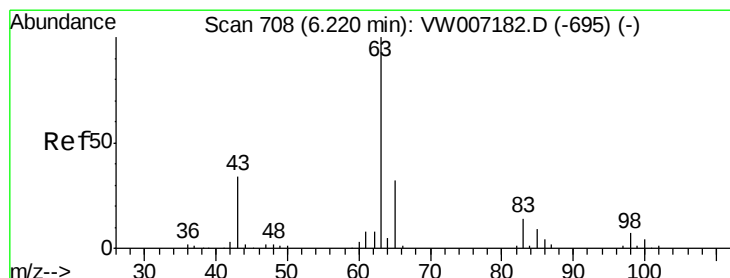
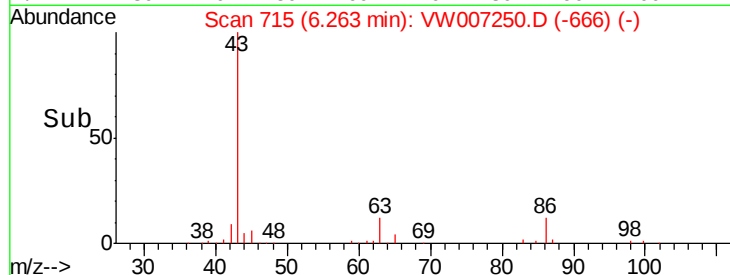


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 52.108 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

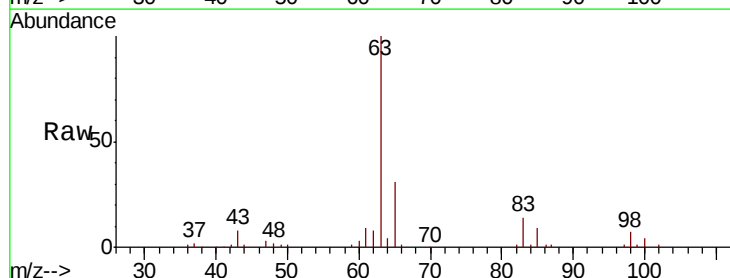
Tgt Ion: 63 Resp: 86796

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

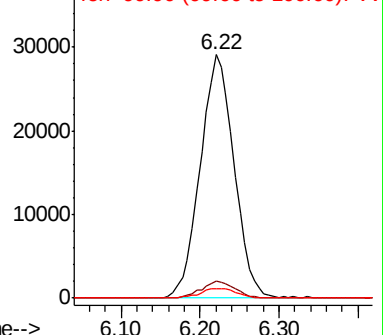
100 4.0 2.1 6.2



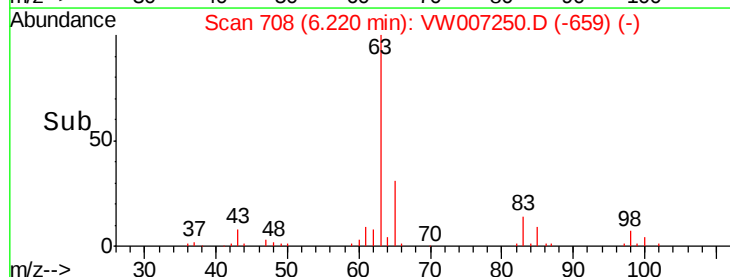
Abundance Ion 62.90 (62.60 to 63.60): VW

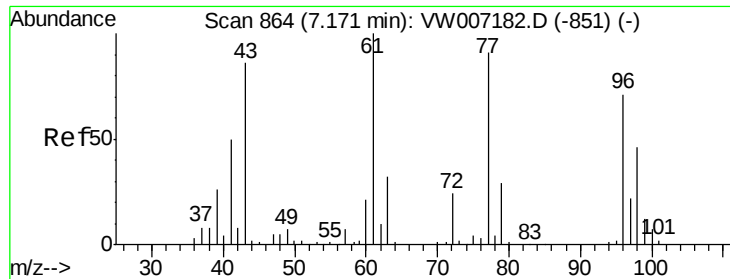
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 225.406 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 43 Resp: 54325

Ion Ratio Lower Upper

43 100

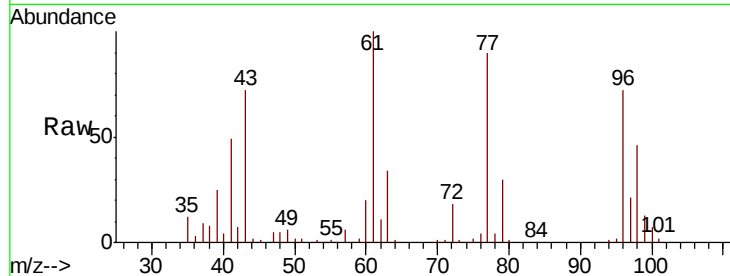
72 25.2 22.8 34.2

Manual Integrations

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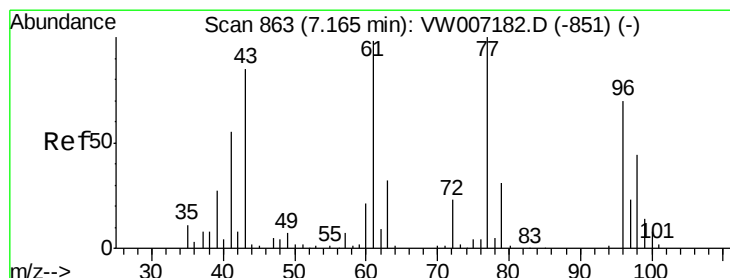
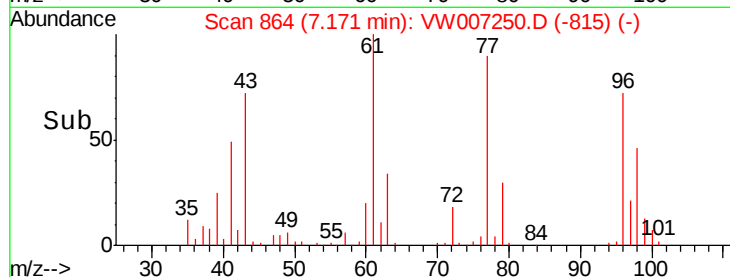
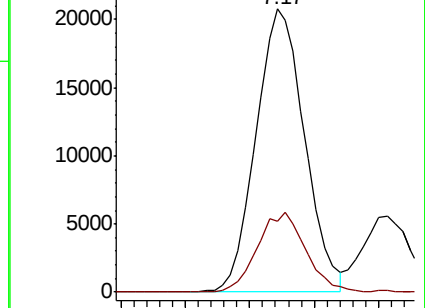
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 46.575 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007250.D

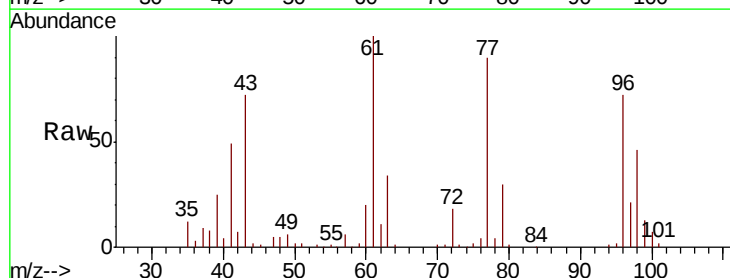
Acq: 05 Dec 2018 23:26

Tgt Ion: 77 Resp: 74554

Ion Ratio Lower Upper

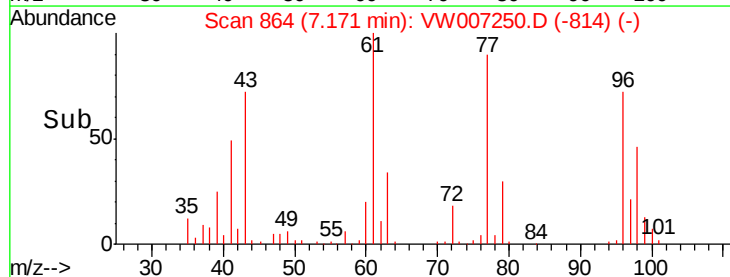
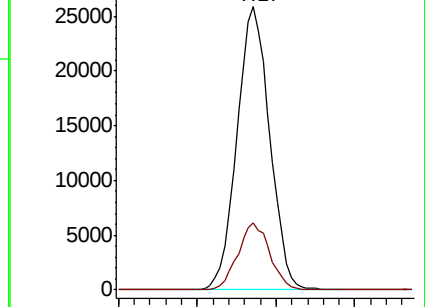
77 100

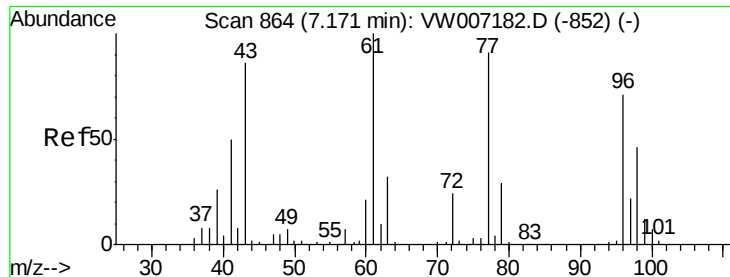
97 23.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

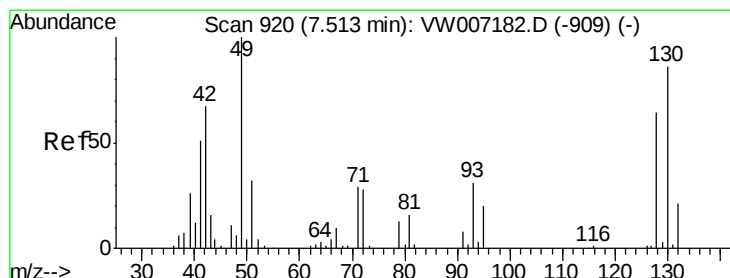
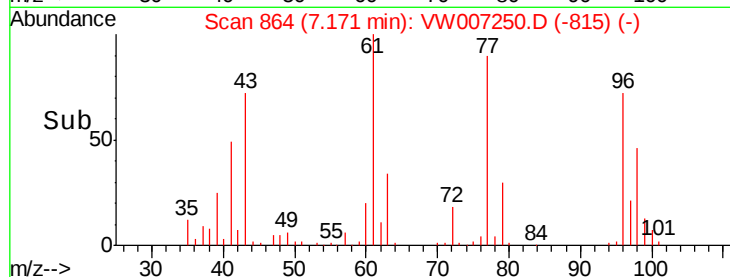
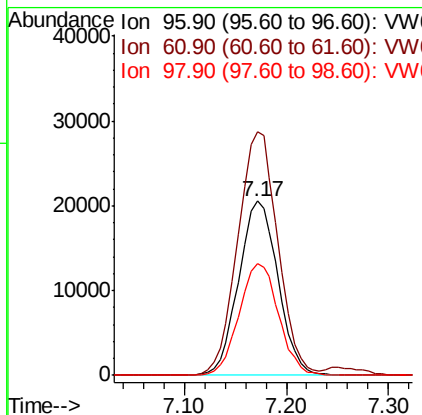
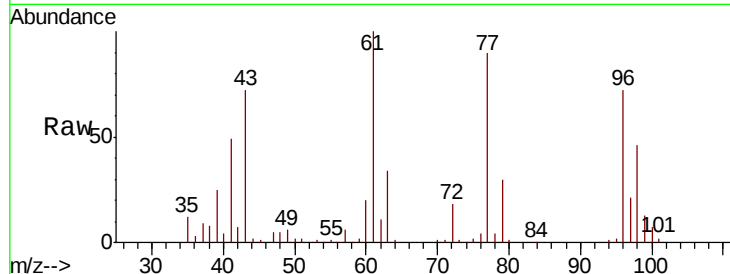
cis-1,2-Dichloroethene
Concen: 50.923 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	55052		
61	142.5	0.0	282.4	
98	64.5	0.0	129.8	

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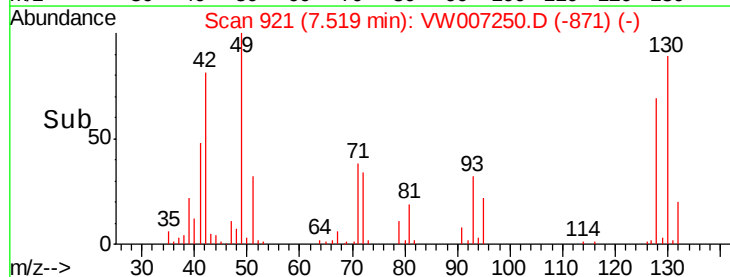
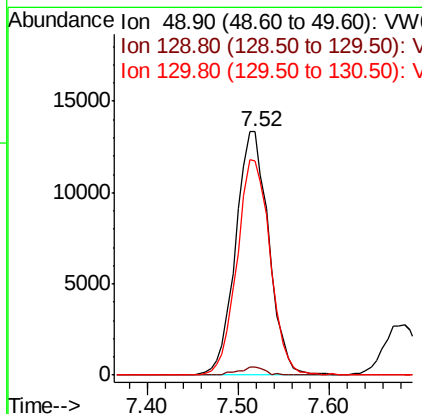
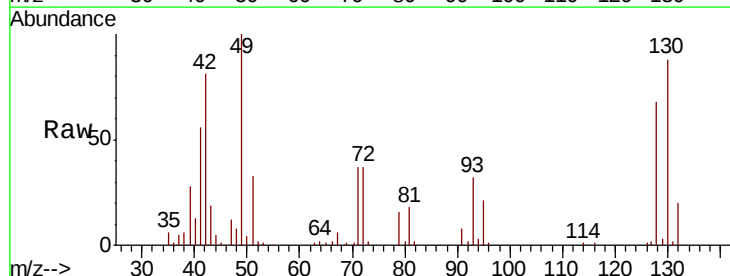
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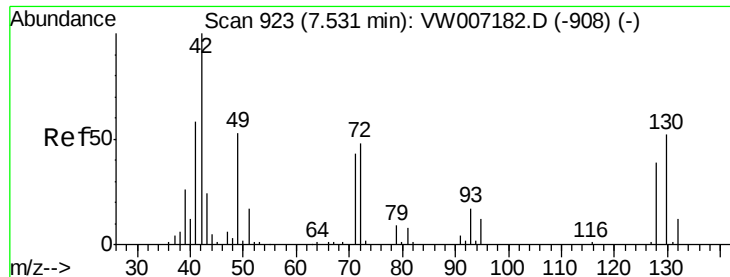


#28

Bromochloromethane
Concen: 56.235 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33776		
129	2.6	0.0	3.8	
130	88.6	70.3	105.5	





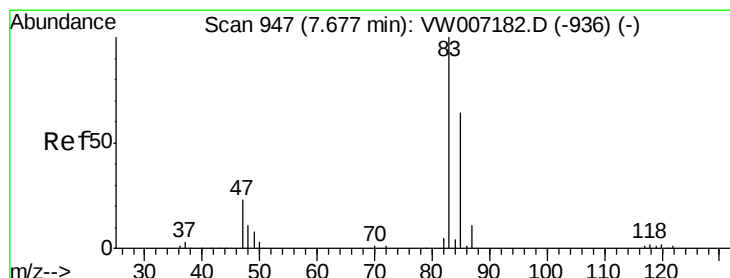
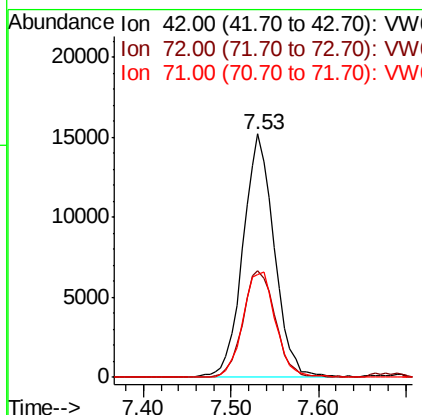
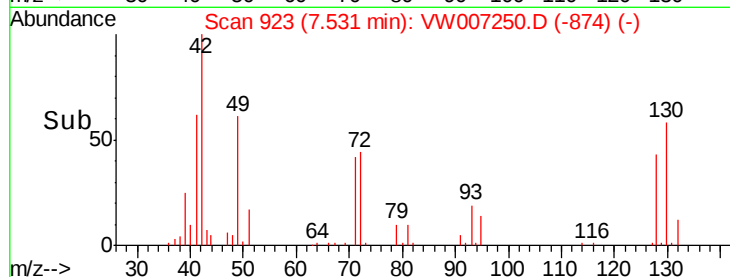
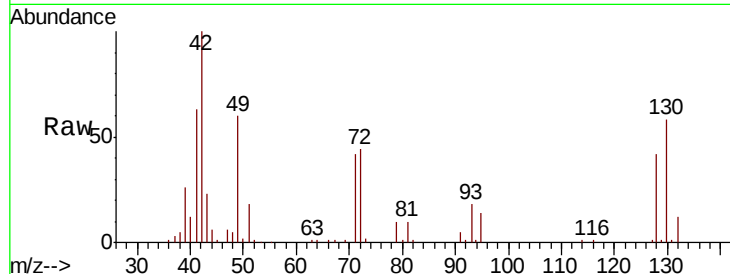
#29
Tetrahydrofuran
Concen: 253.375 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.6	55.0
71	45.0	34.8	52.2

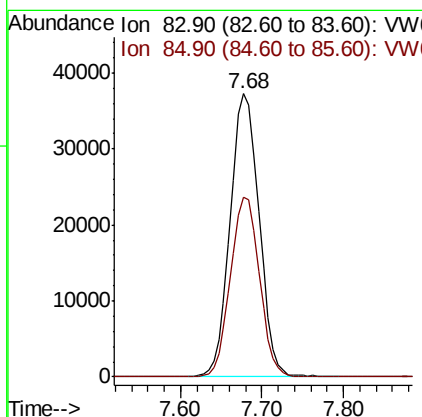
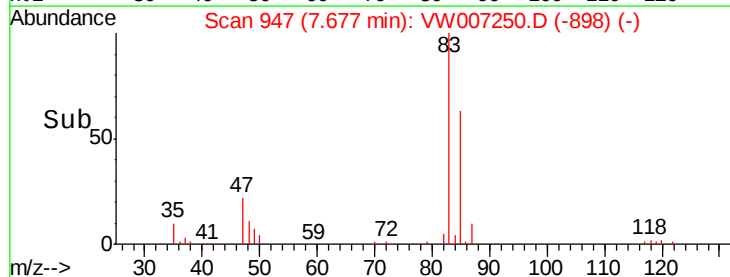
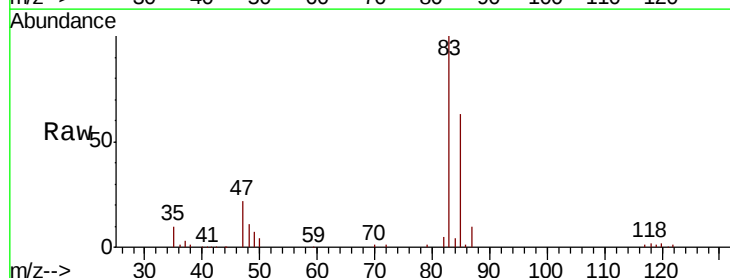
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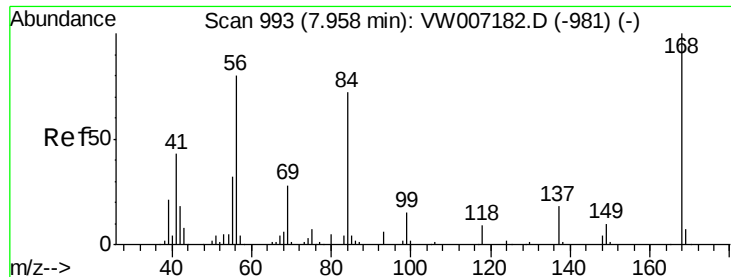
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#30
Chloroform
Concen: 52.806 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.5	77.3





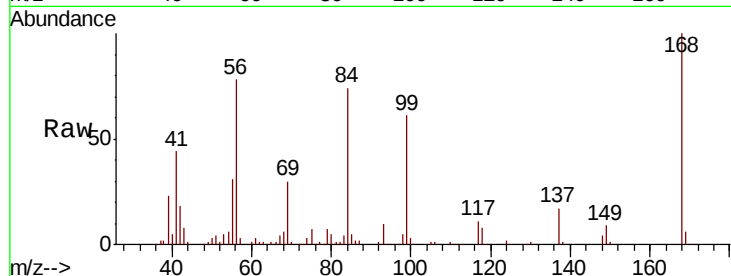
#31
Cyclohexane
Concen: 45.540 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

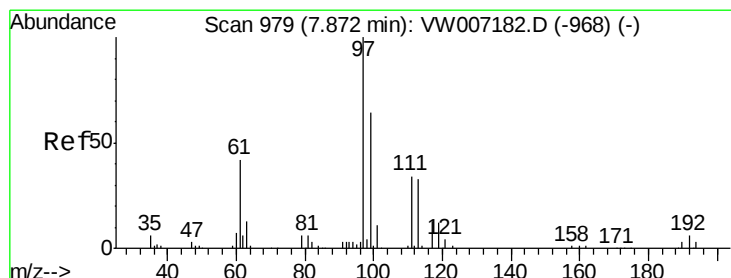
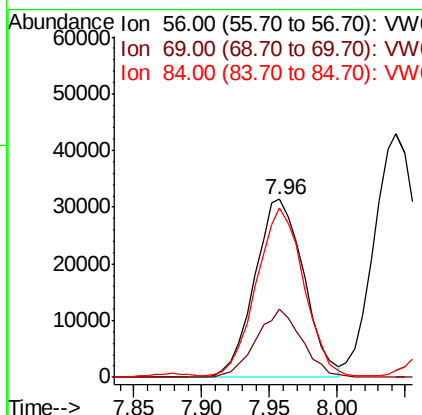
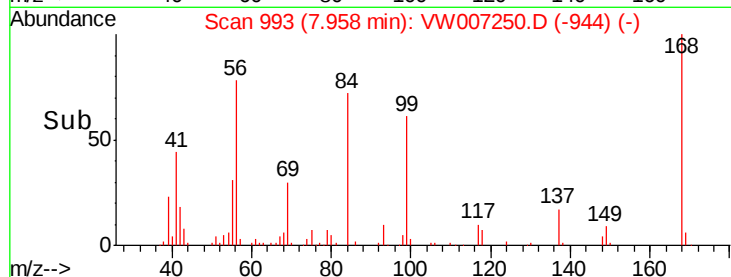
Tgt Ion: 56 Resp: 79368
Ion Ratio Lower Upper
56 100
69 38.0 28.2 42.2
84 93.6 72.1 108.1

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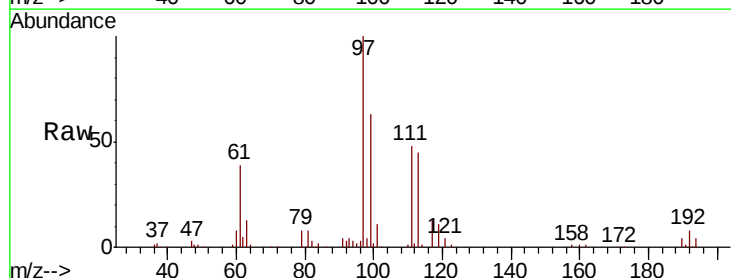


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

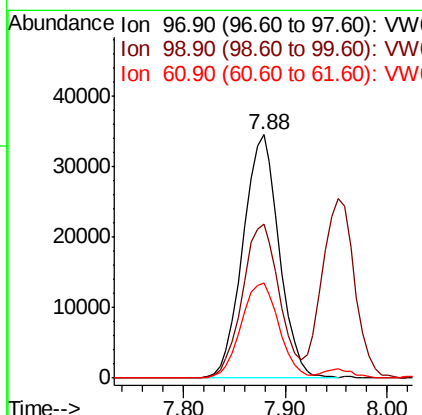
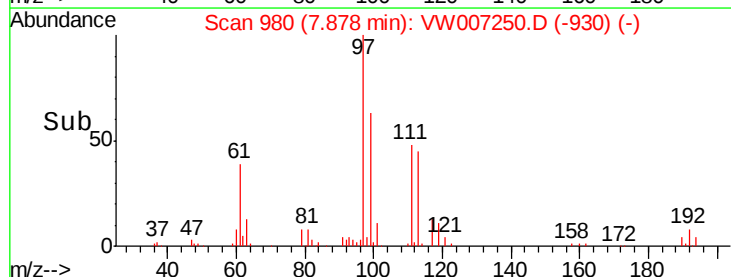


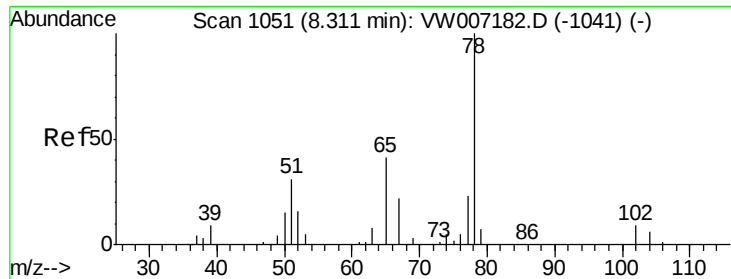
#32
1,1,1-Trichloroethane
Concen: 52.160 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 97 Resp: 84975
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 41.0 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





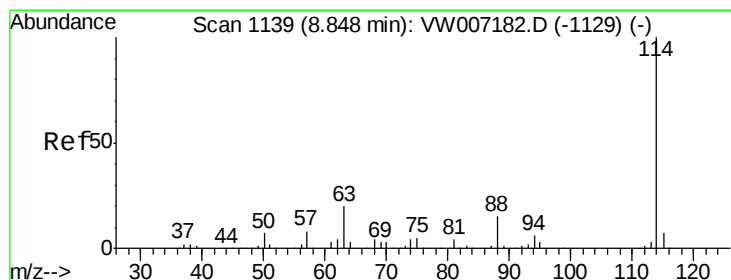
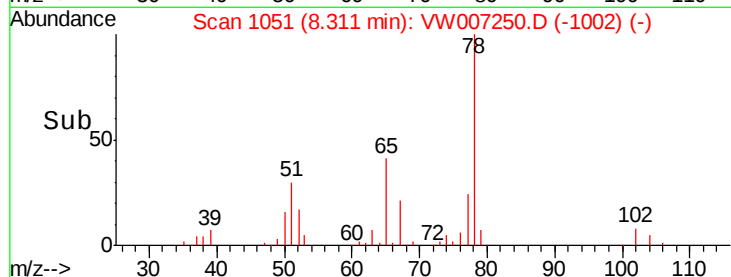
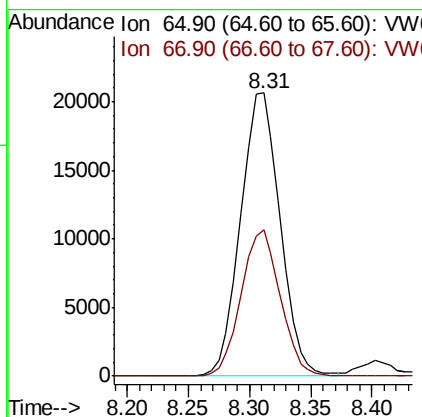
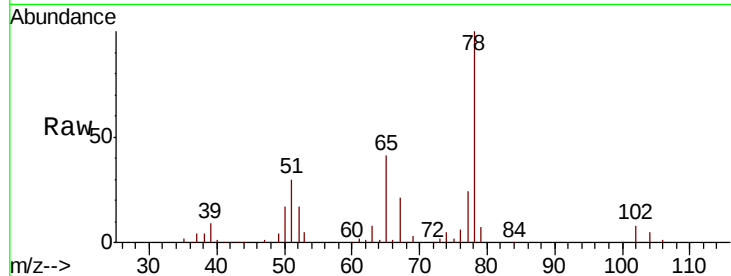
#33
 1,2-Dichloroethane-d4
 Concen: 52.877 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion: 65 Resp: 46439
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.4

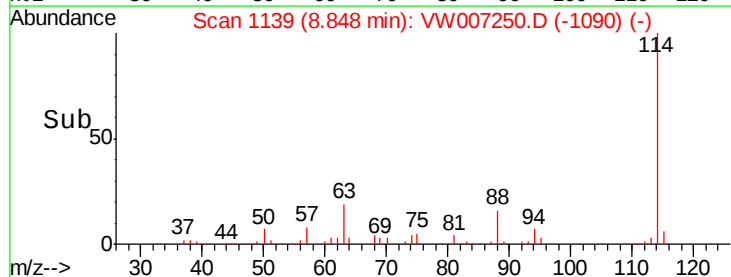
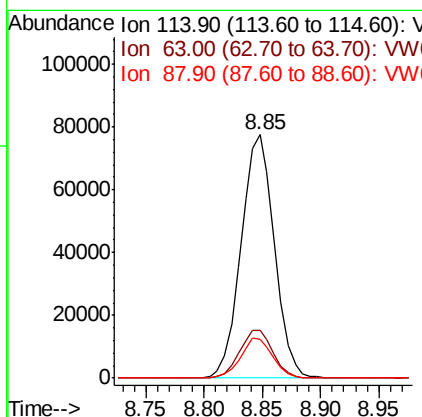
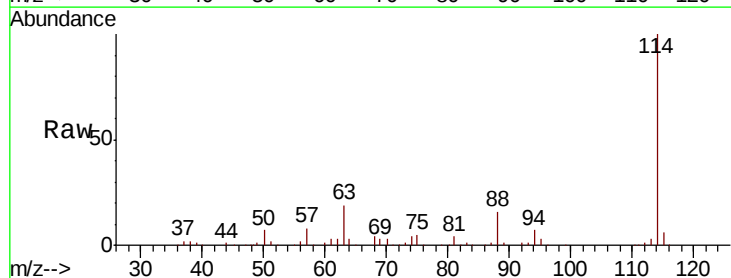
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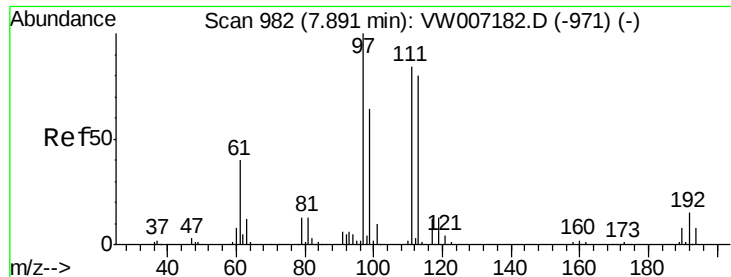
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 114 Resp: 154007
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.2
 88 15.9 0.0 30.0





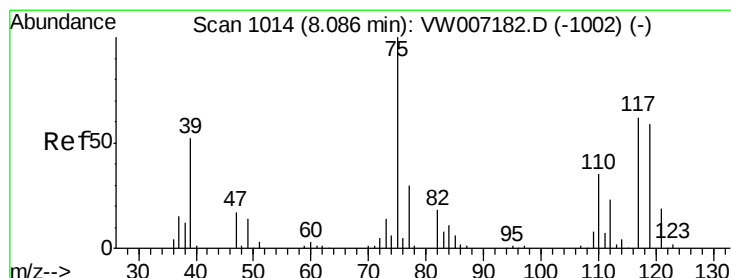
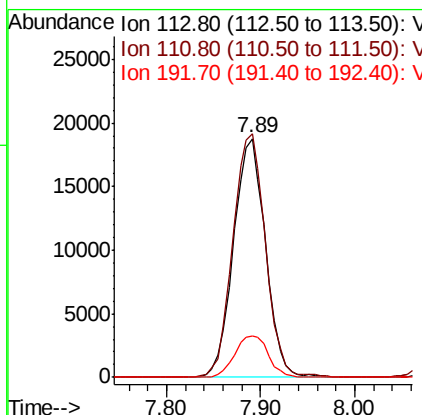
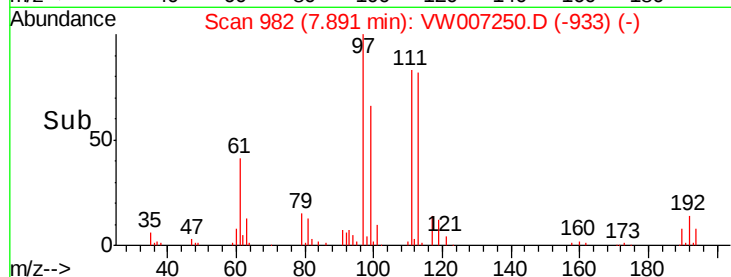
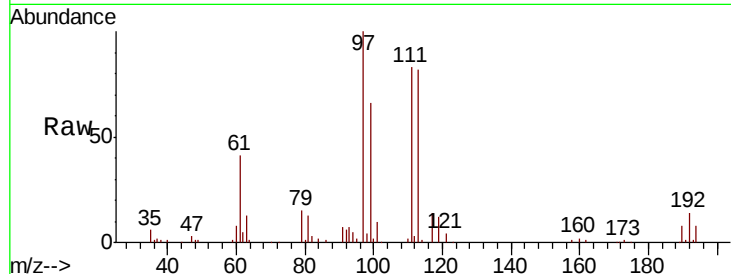
#35
 Dibromofluoromethane
 Concen: 50.346 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion: 113 Resp: 44397
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.4
 192 18.2 14.4 21.6

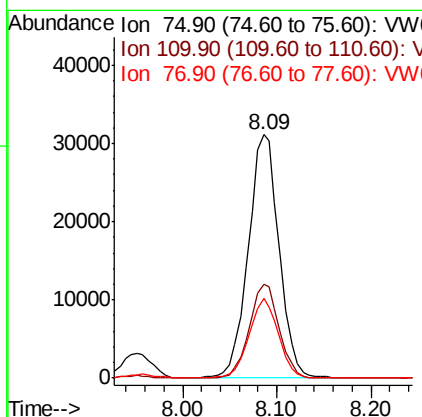
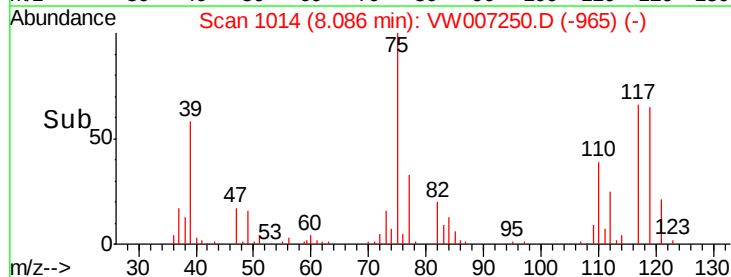
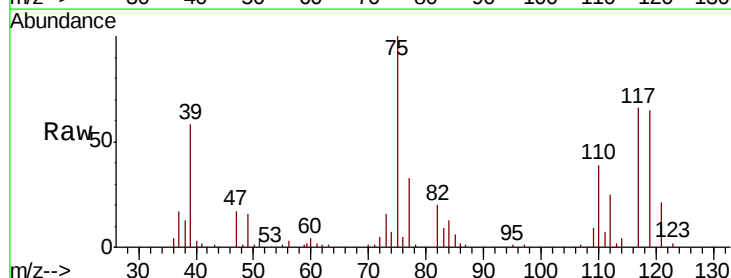
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#36
 1,1-Dichloropropene
 Concen: 47.762 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 75 Resp: 71572
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.3 54.9
 77 31.2 24.9 37.3





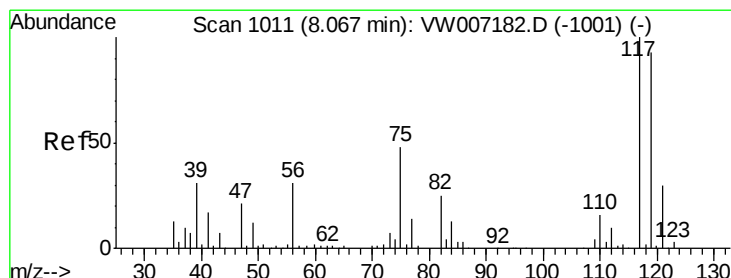
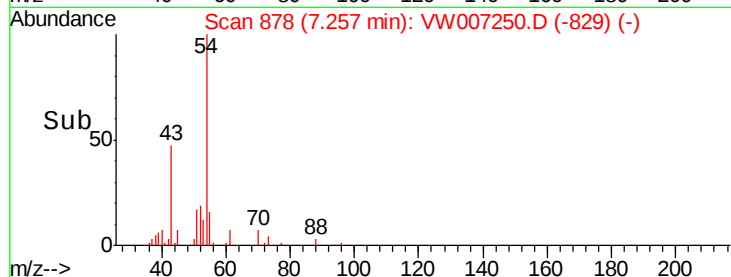
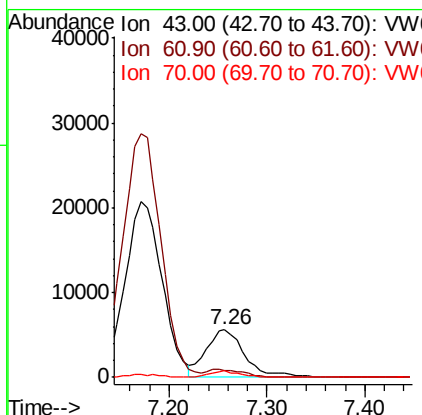
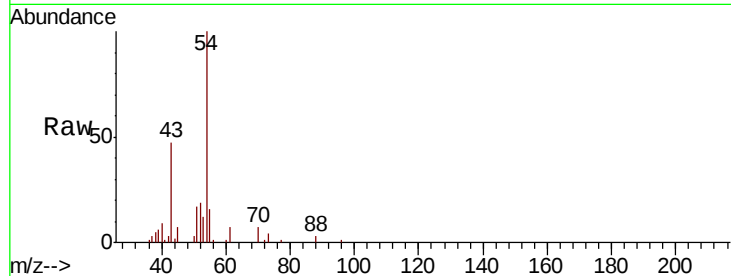
#37
Ethyl Acetate
Concen: 28.780 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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	10.8	9.1	13.7

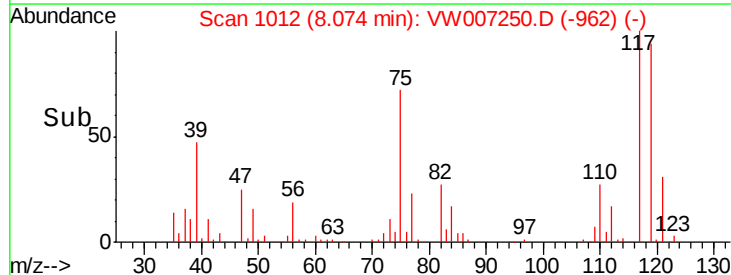
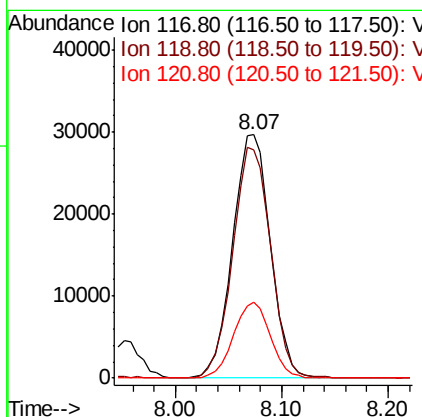
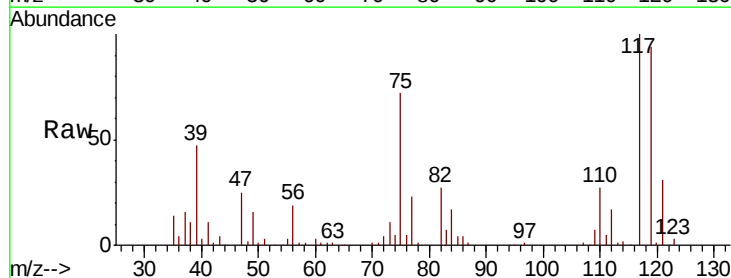
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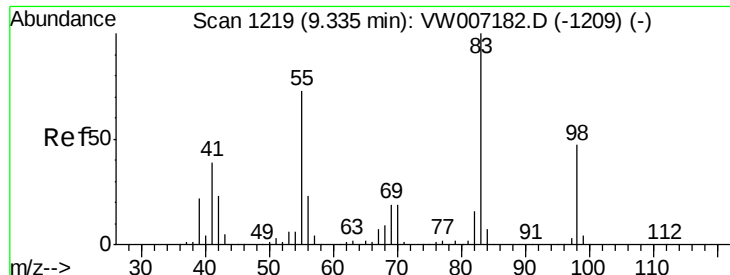
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#38
Carbon Tetrachloride
Concen: 48.418 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.1	111.1
121	31.3	23.9	35.9





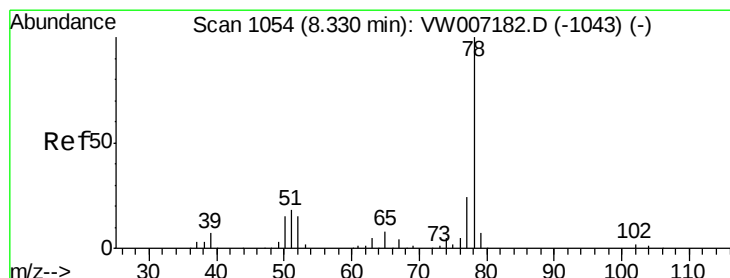
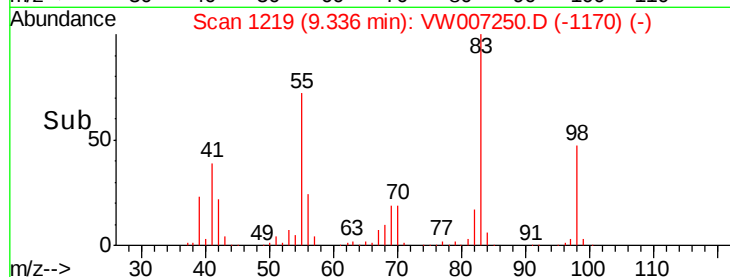
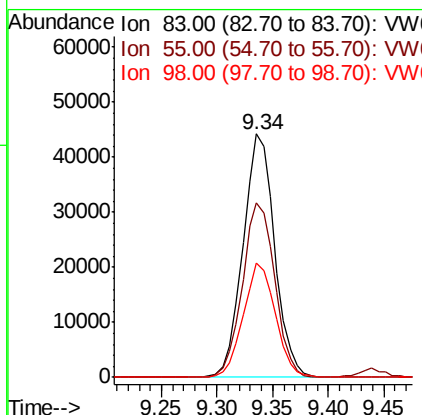
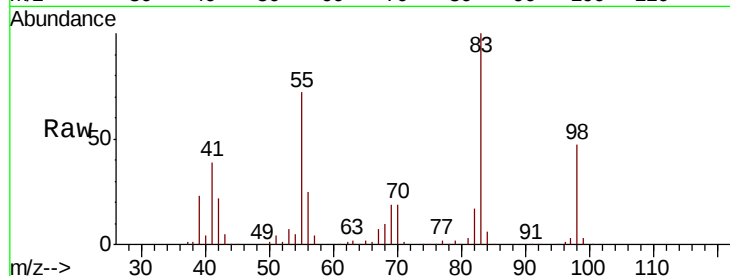
#39
Methylcyclohexane
Concen: 43.486 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.7	58.1	87.1
98	47.0	37.3	55.9

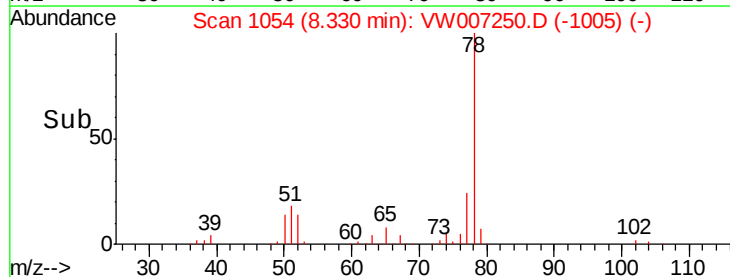
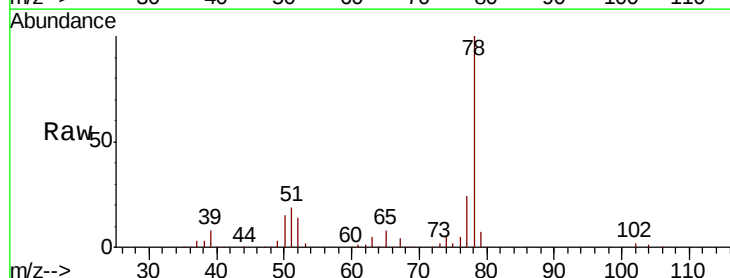
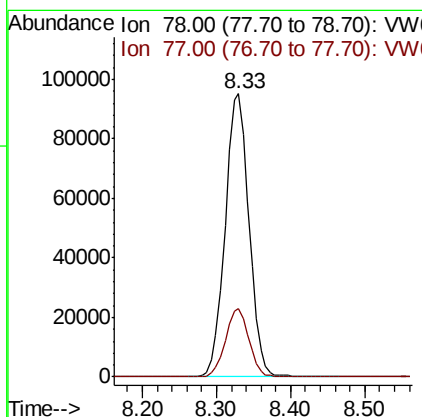
Manual Integrations
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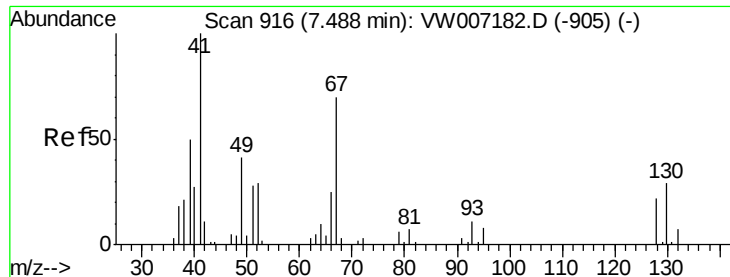
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#40
Benzene
Concen: 51.725 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





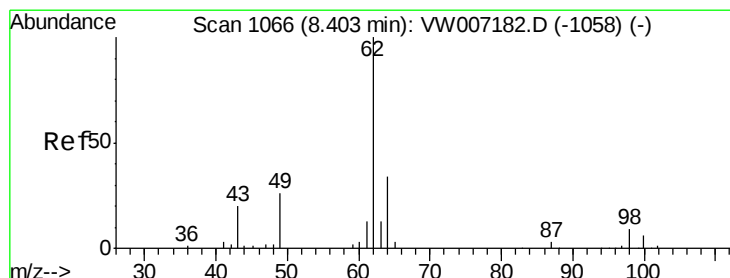
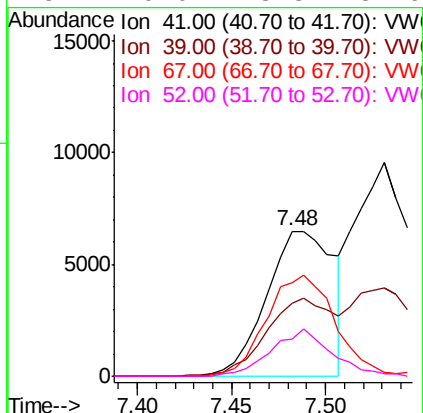
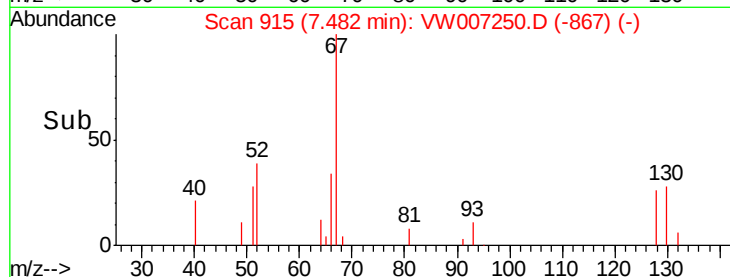
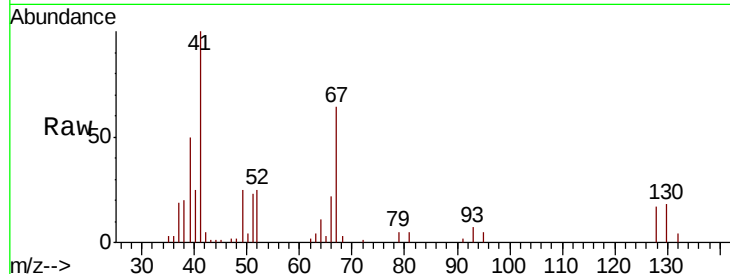
#41
Methacrylonitrile
Concen: 49.563 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion:	41	Resp:	16092
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.4	65.0
67	71.3	57.4	86.0
52	29.0	23.3	34.9

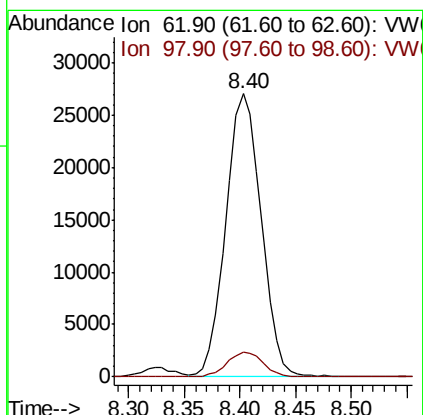
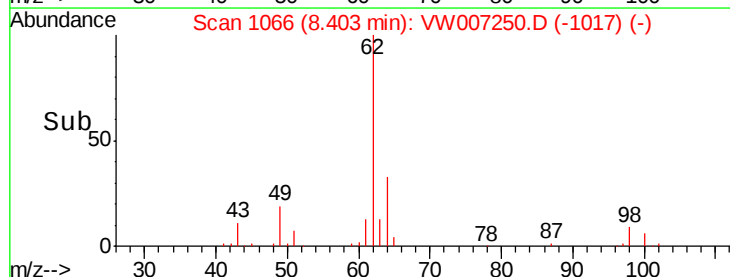
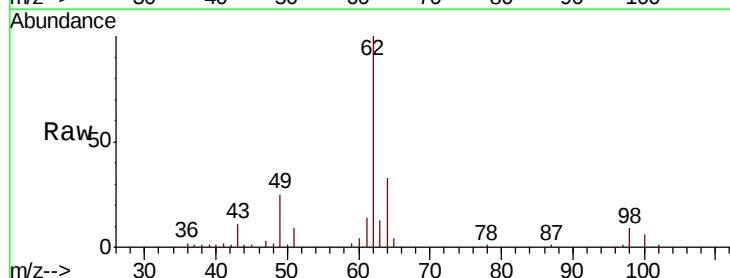
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#42
1,2-Dichloroethane
Concen: 51.788 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion:	62	Resp:	59474
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8





#43

Isopropyl Acetate

Concen: 32.858 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

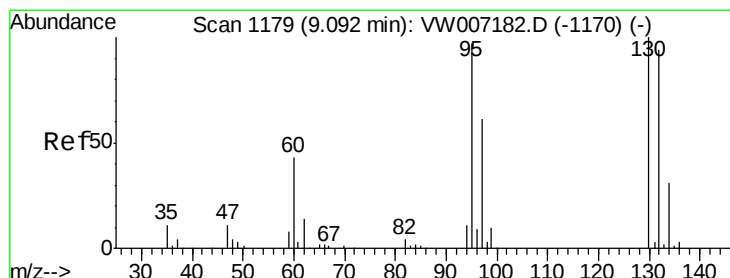
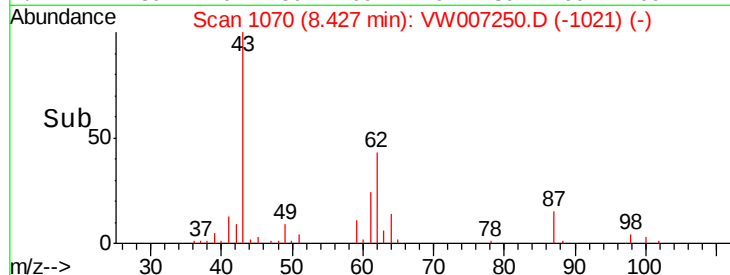
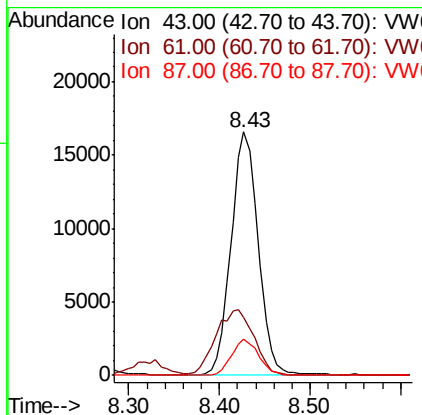
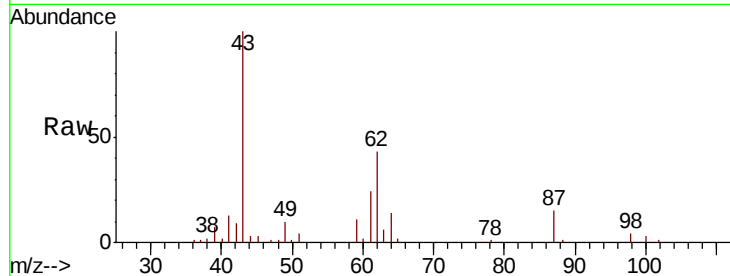
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	43	Resp:	34592
Ion Ratio	Lower	Upper	
43	100		
61	37.9	25.4	38.0
87	14.6	11.4	17.0

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#44

Trichloroethene

Concen: 49.287 ug/l

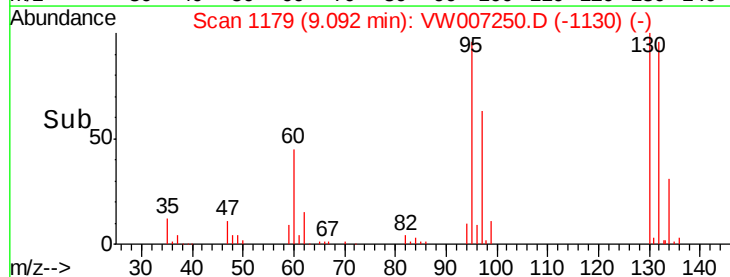
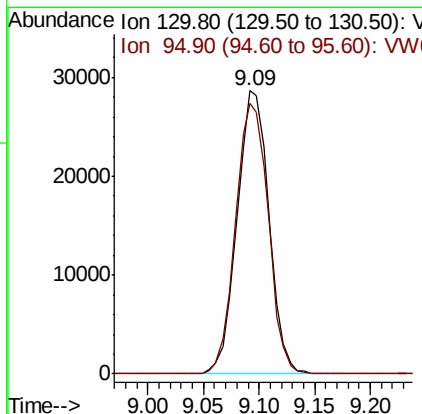
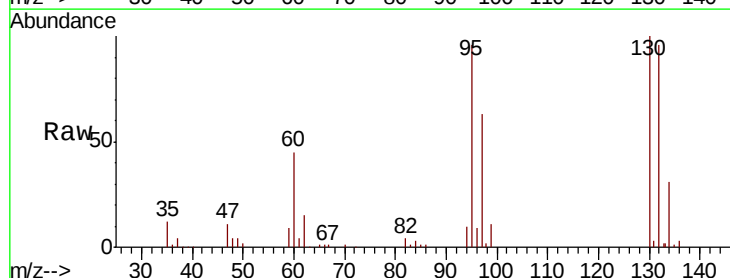
RT: 9.09 min Scan# 1179

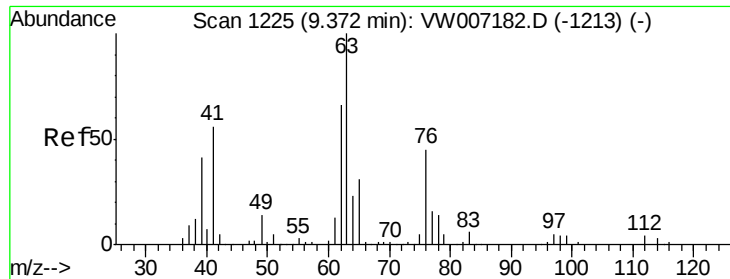
Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Tgt Ion:	130	Resp:	56928
Ion Ratio	Lower	Upper	
130	100		
95	95.6	0.0	194.0





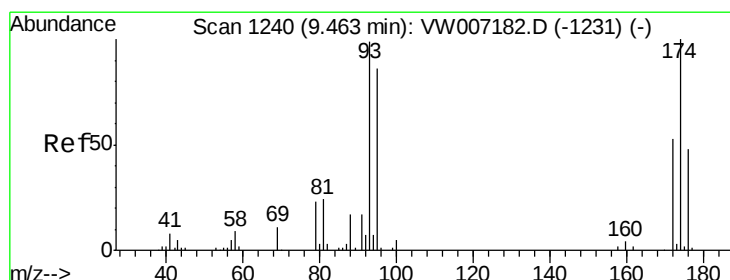
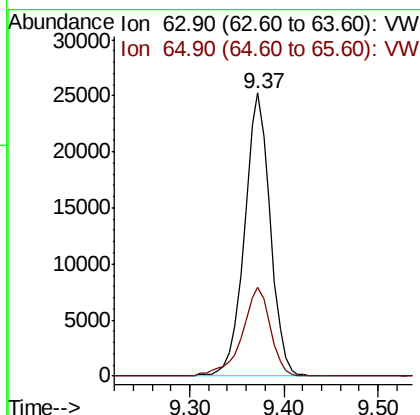
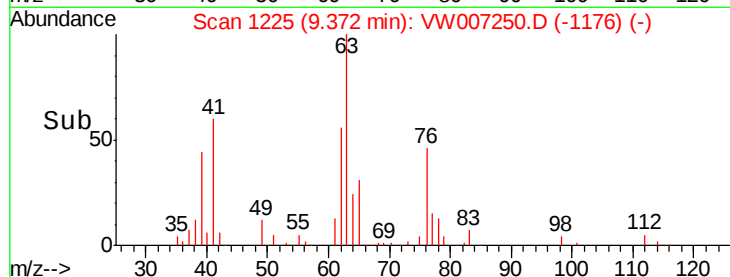
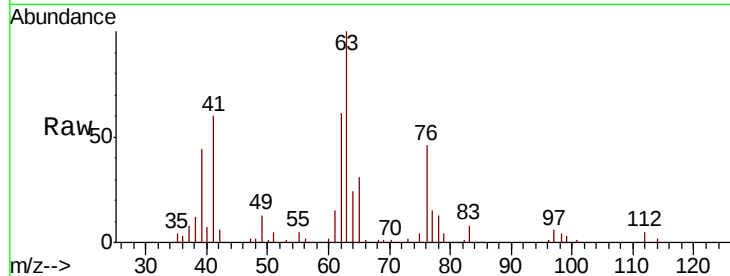
#45
 1,2-Dichloropropane
 Concen: 50.304 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion: 63 Resp: 48102
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.4

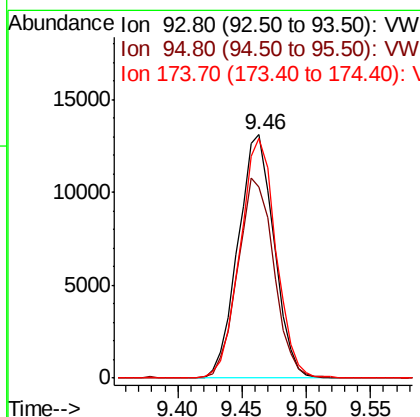
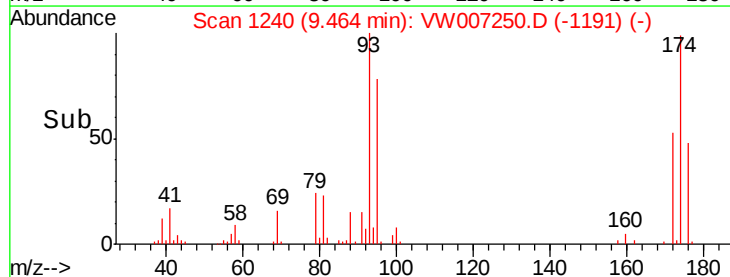
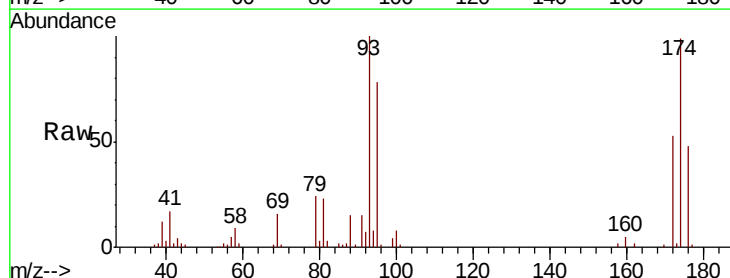
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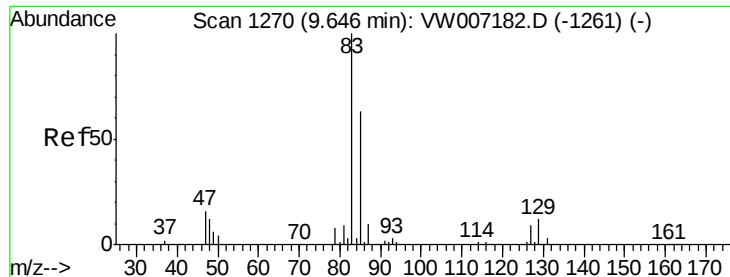
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#46
 Dibromomethane
 Concen: 51.167 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 93 Resp: 25424
 Ion Ratio Lower Upper
 93 100
 95 82.0 68.7 103.1
 174 97.9 82.9 124.3





#47

Bromodichloromethane

Concen: 51.084 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

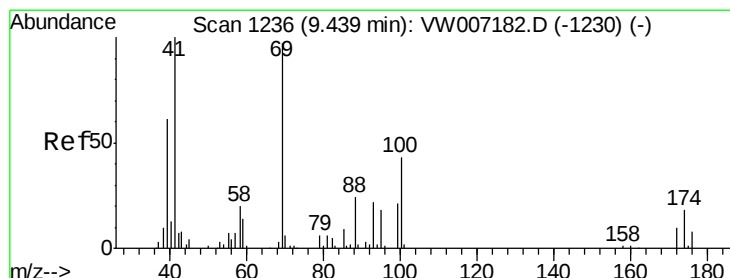
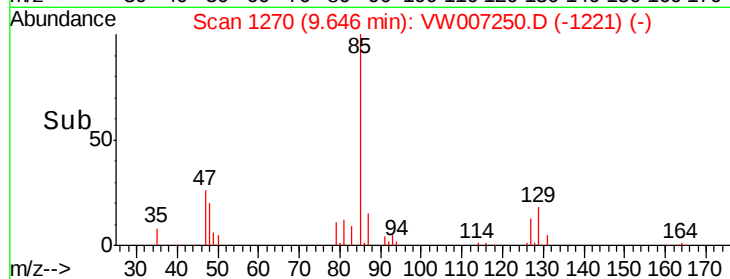
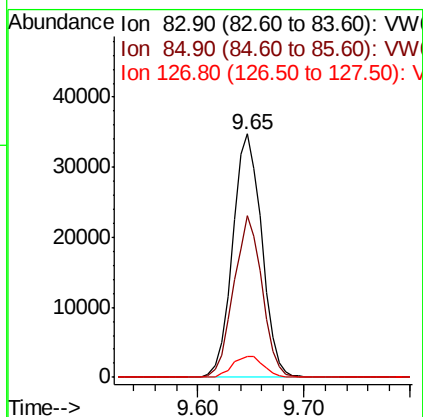
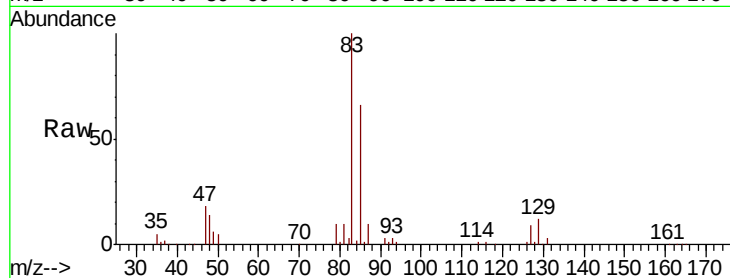
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	83	Resp:	66768
Ion Ratio	Lower	Upper	
83	100		
85	66.5	50.6	76.0
127	8.6	7.3	10.9

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#48

Methyl methacrylate

Concen: 61.649 ug/l

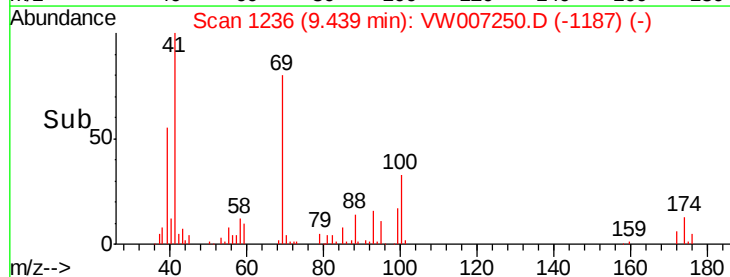
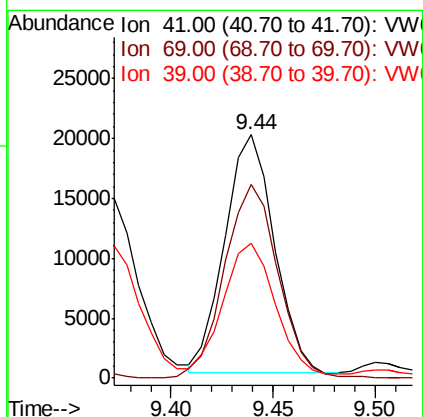
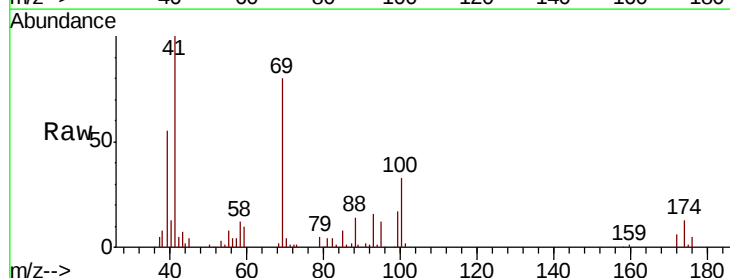
RT: 9.44 min Scan# 1236

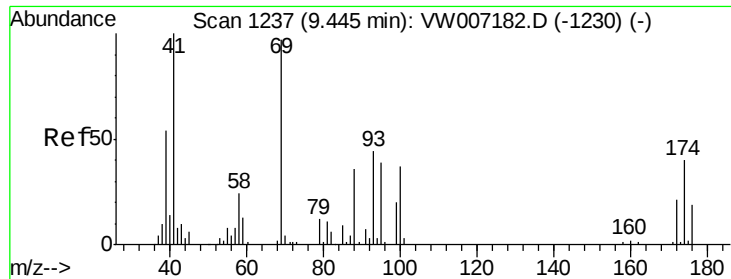
Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Tgt Ion:	41	Resp:	33685
Ion Ratio	Lower	Upper	
41	100		
69	87.9	69.6	104.4
39	57.1	42.4	63.6





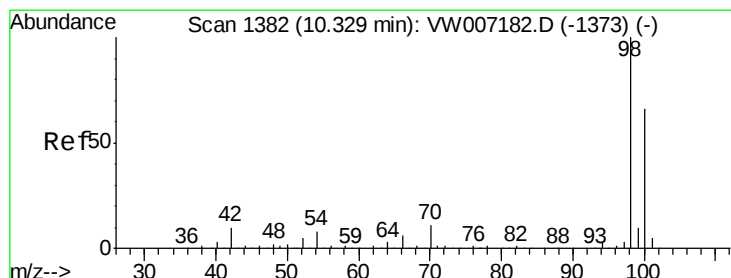
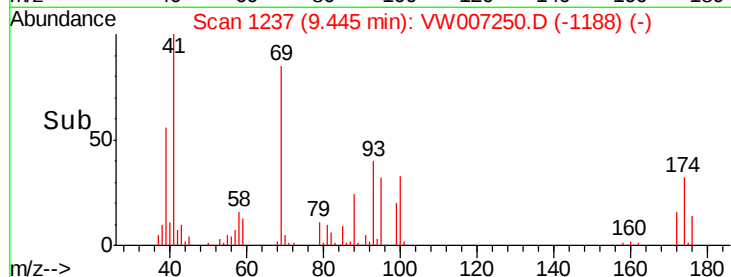
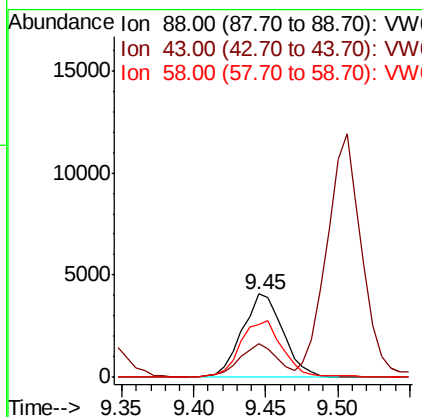
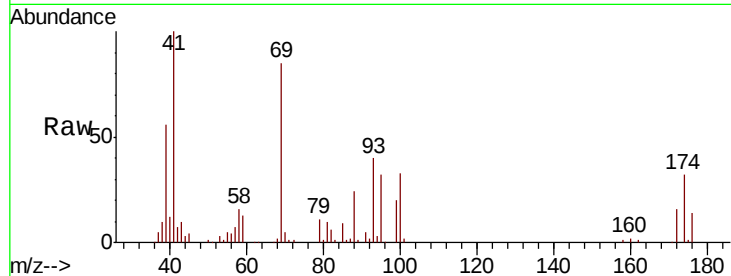
#49
1,4-Dioxane
Concen: 920.852 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion: 88 Resp: 7993
Ion Ratio Lower Upper
88 100
43 37.8 25.8 38.8
58 70.9 58.9 88.3

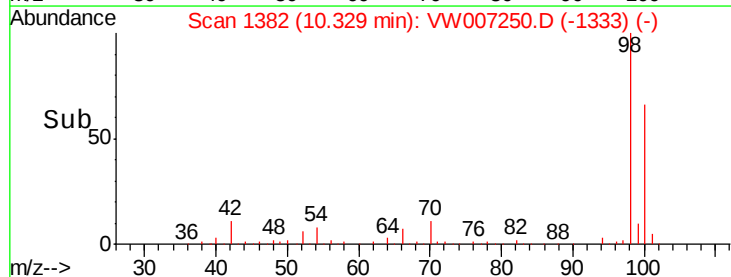
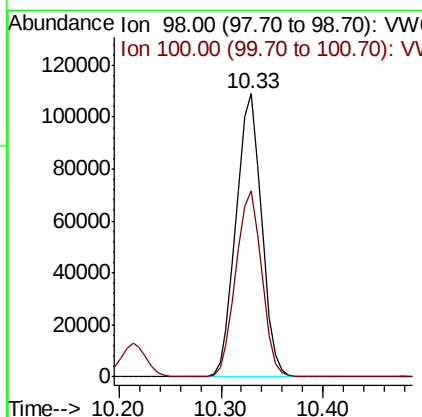
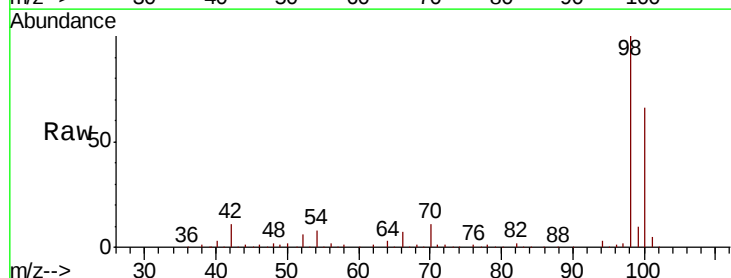
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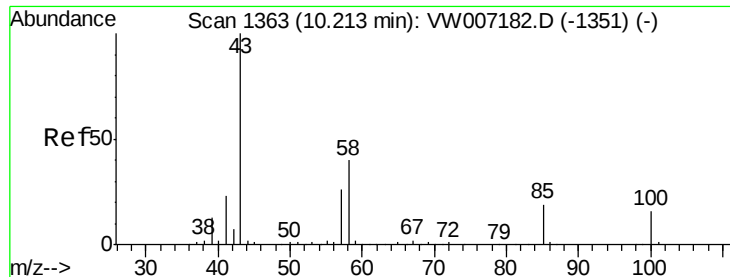
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#50
Toluene-d8
Concen: 48.621 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 98 Resp: 188867
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1





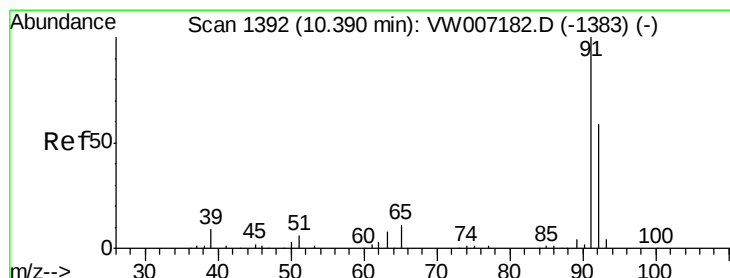
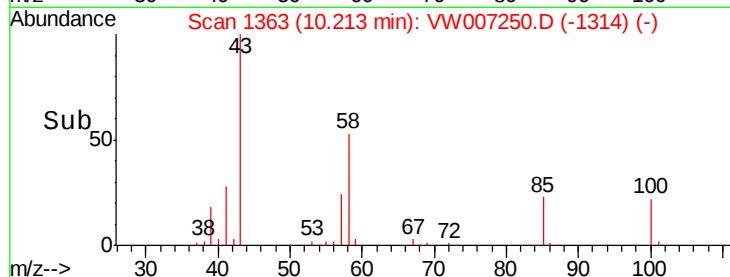
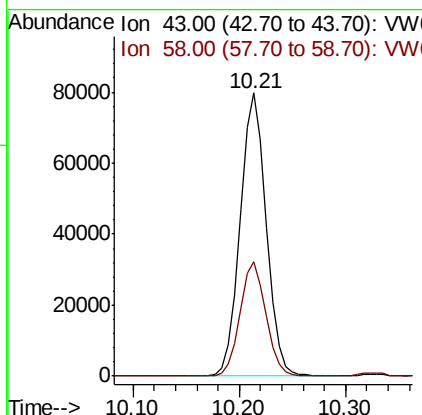
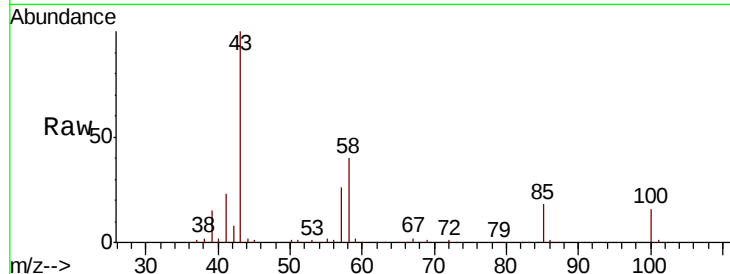
#51
 4-Methyl-2-Pentanone
 Concen: 264.406 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion: 43 Resp: 137176
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.3 48.5

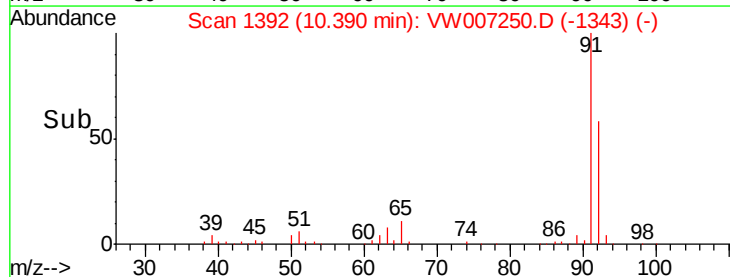
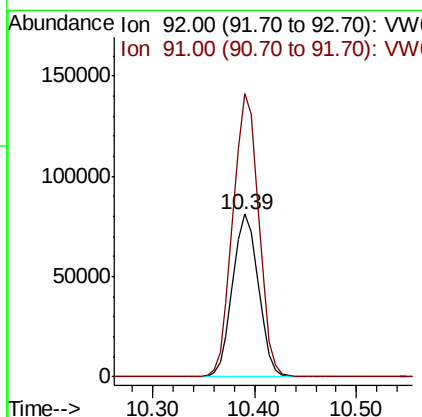
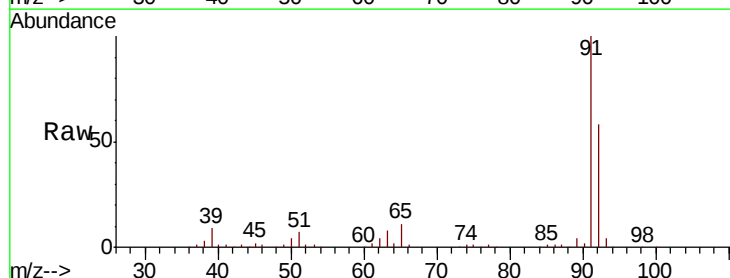
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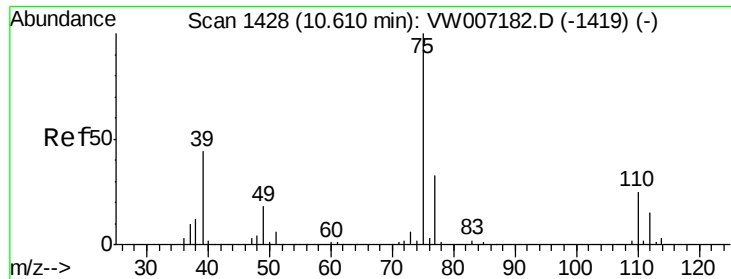
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#52
 Toluene
 Concen: 49.799 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 92 Resp: 142344
 Ion Ratio Lower Upper
 92 100
 91 174.2 136.0 204.0





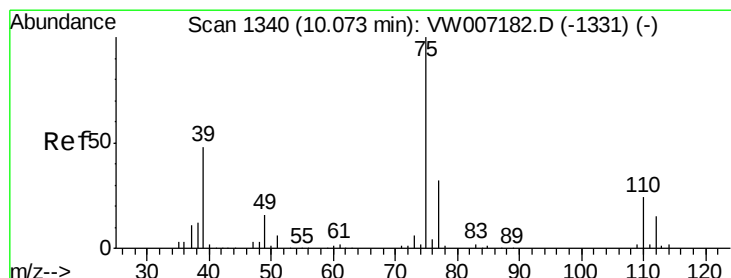
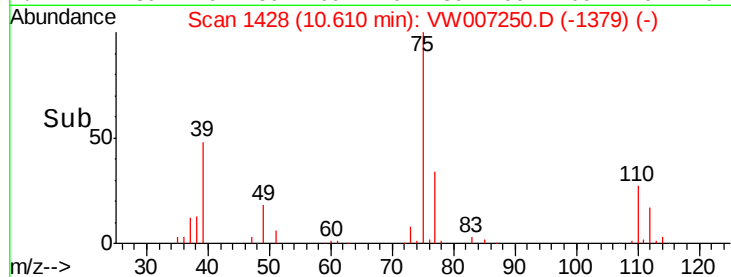
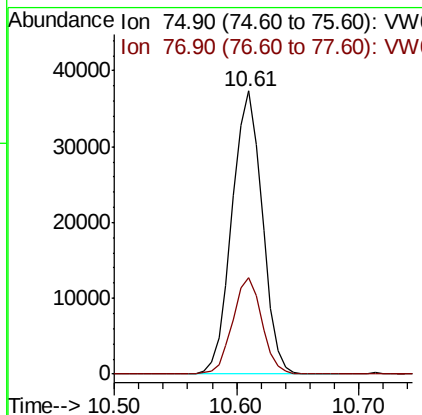
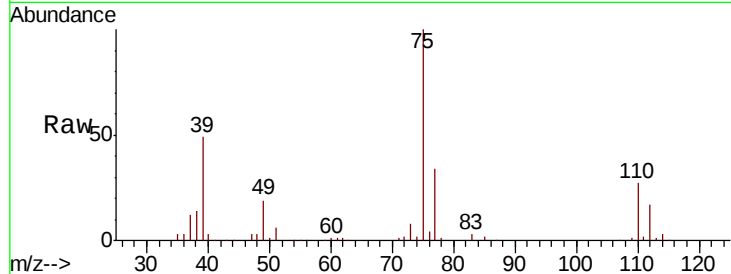
#53
 t-1,3-Dichloropropene
 Concen: 48.665 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion: 75 Resp: 63949
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.2 39.2

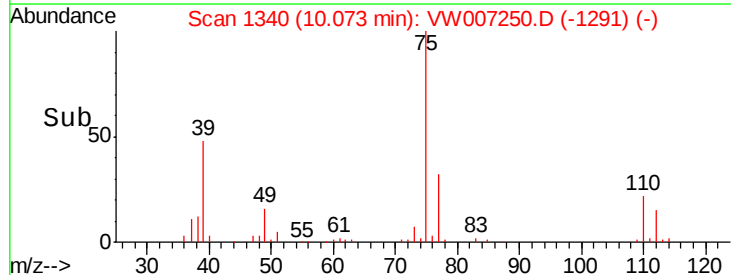
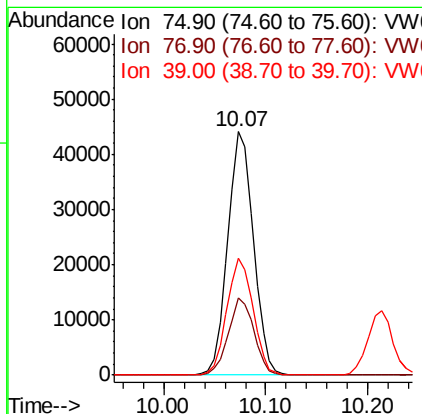
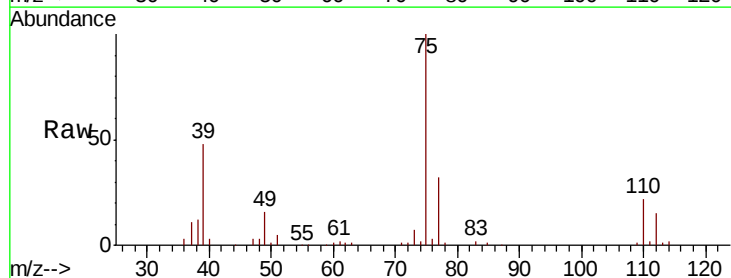
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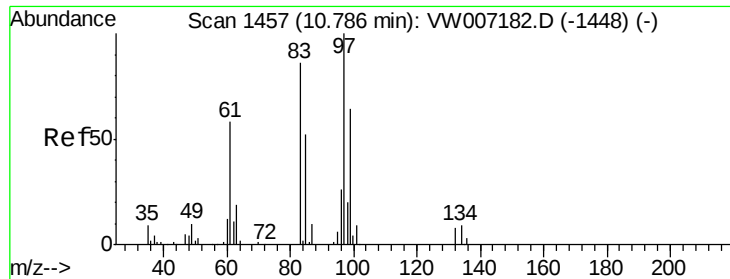
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#54
 cis-1,3-Dichloropropene
 Concen: 49.933 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 75 Resp: 76896
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.0 39.0
 39 48.0 38.0 57.0





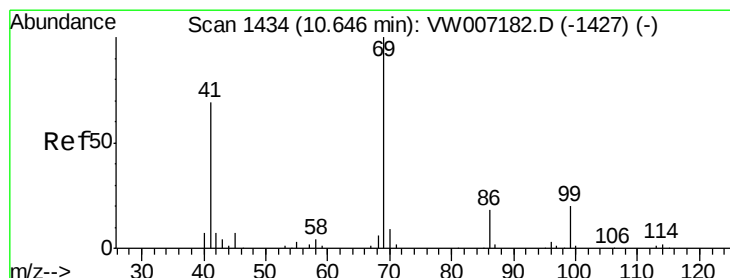
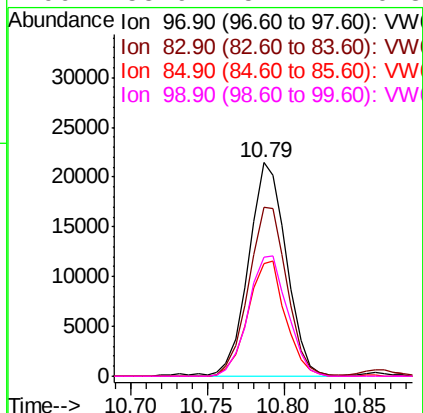
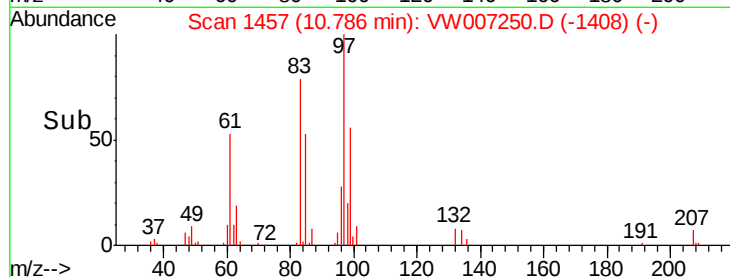
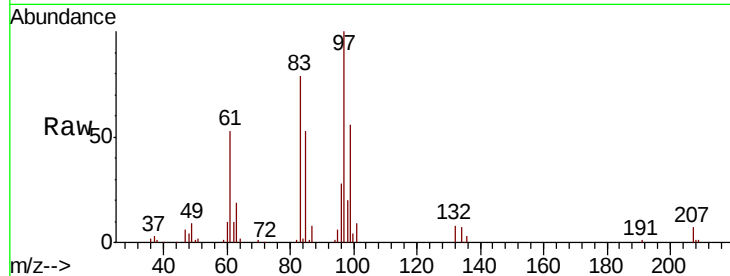
#55
 1,1,2-Trichloroethane
 Concen: 51.680 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.6	68.6	102.8
85	52.7	41.4	62.2
99	55.9	51.2	76.8

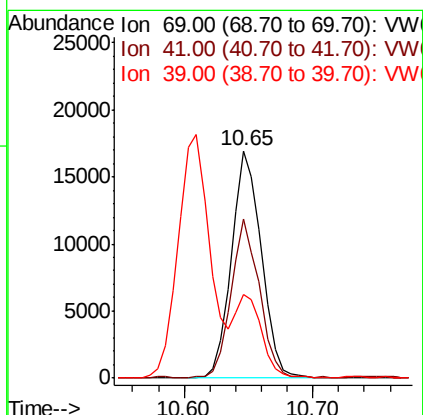
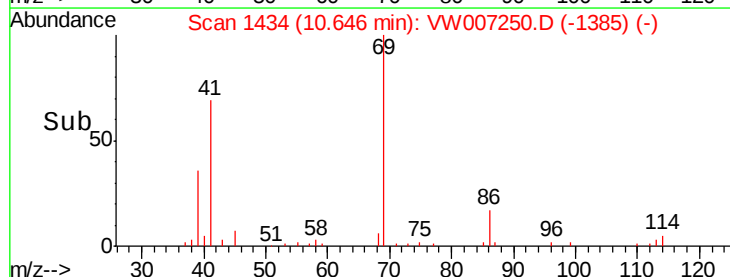
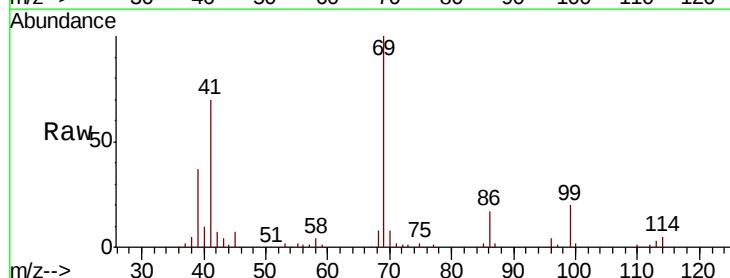
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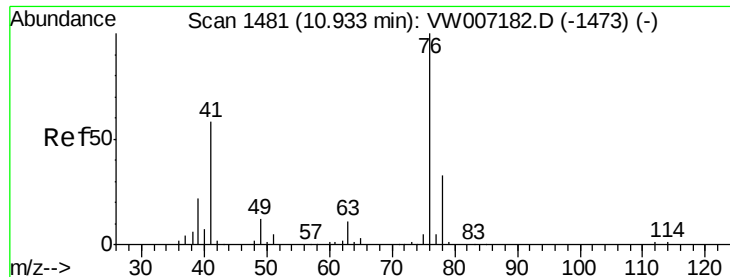
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#56
 Ethyl methacrylate
 Concen: 29.605 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.8	51.8	77.6
39	32.7	28.7	43.1





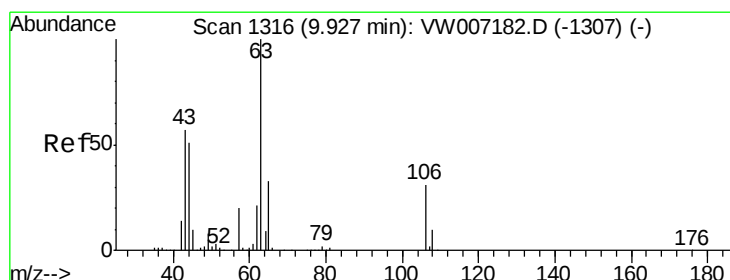
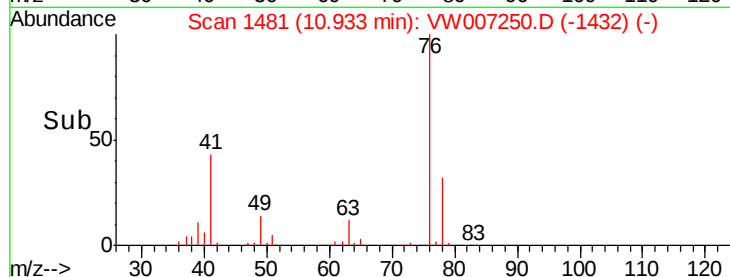
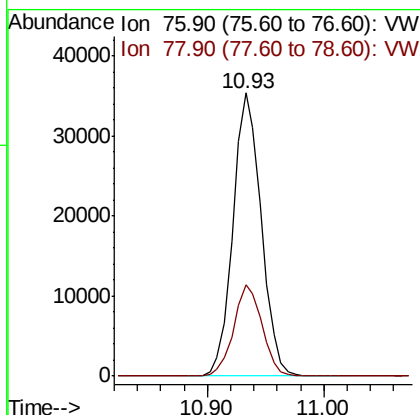
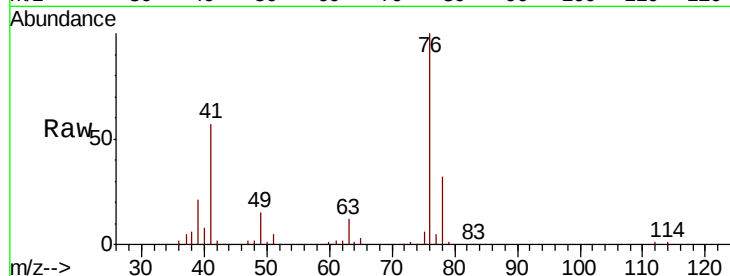
#57
 1,3-Dichloropropane
 Concen: 49.955 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion: 76 Resp: 59609
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0

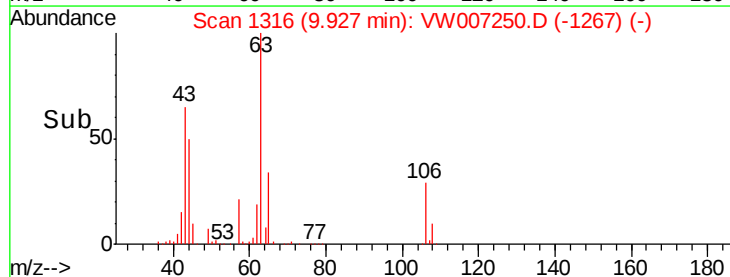
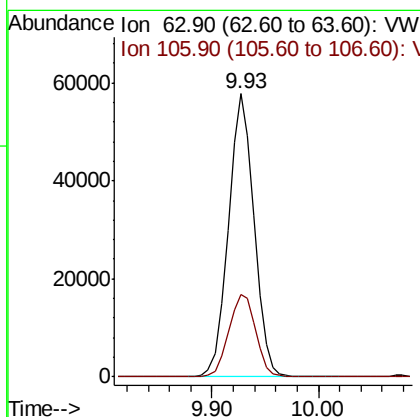
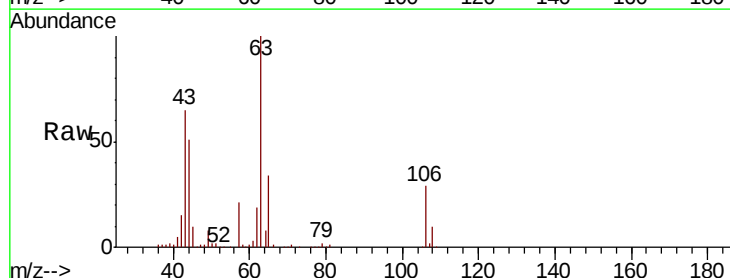
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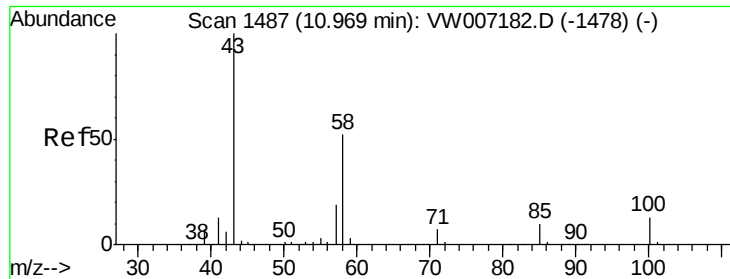
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.552 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 63 Resp: 97226
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.1 36.1





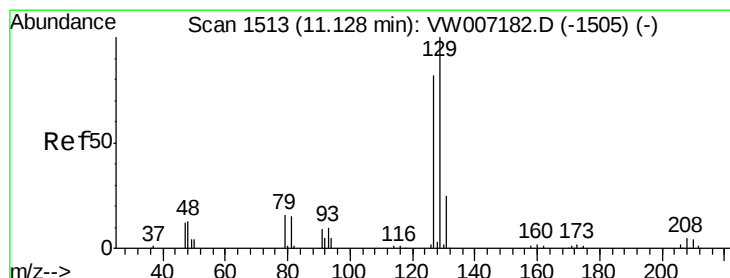
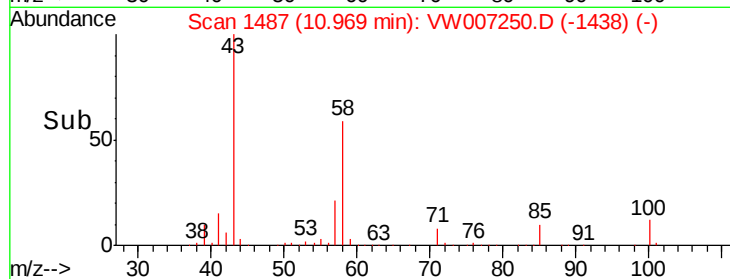
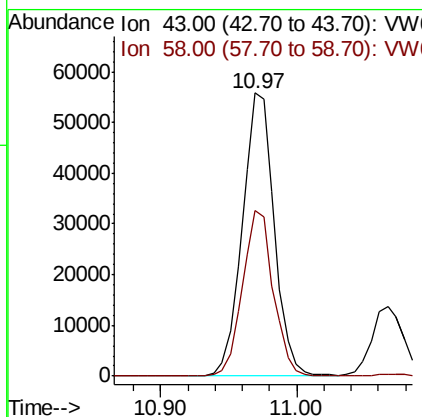
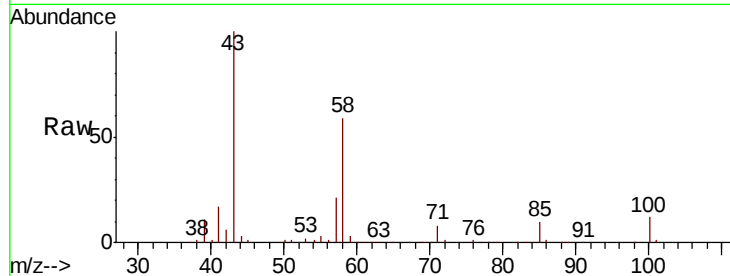
#59
2-Hexanone
Concen: 242.408 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion: 43 Resp: 91168
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.4

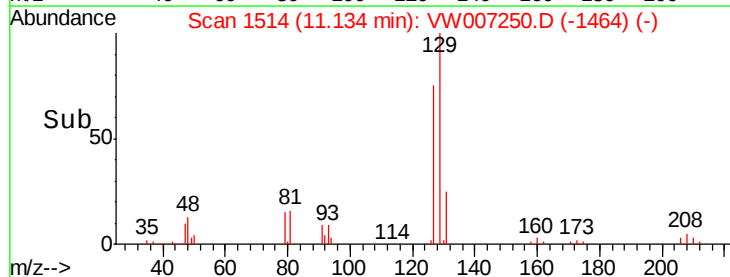
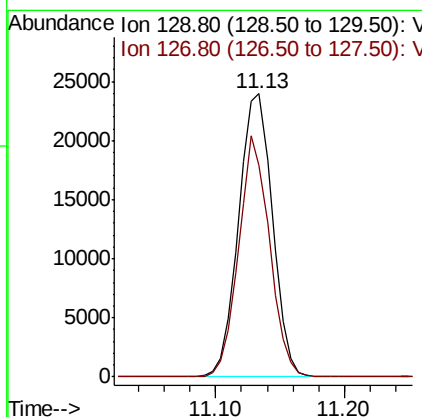
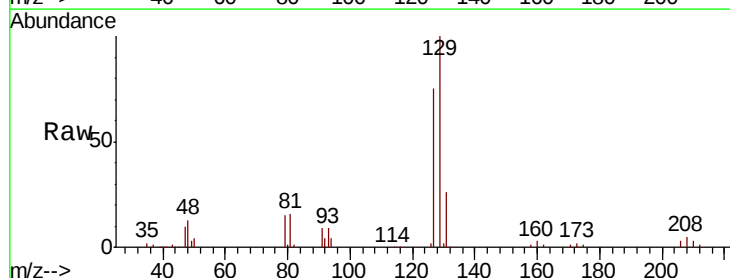
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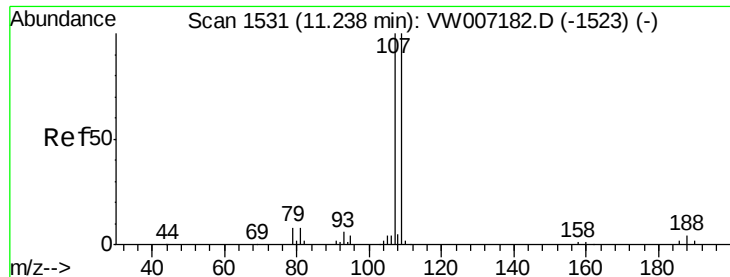
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#60
Dibromochloromethane
Concen: 50.090 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 129 Resp: 43511
Ion Ratio Lower Upper
129 100
127 77.8 39.8 119.4





#61

1,2-Dibromoethane

Concen: 53.079 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 107 Resp: 35982

Ion Ratio Lower Upper

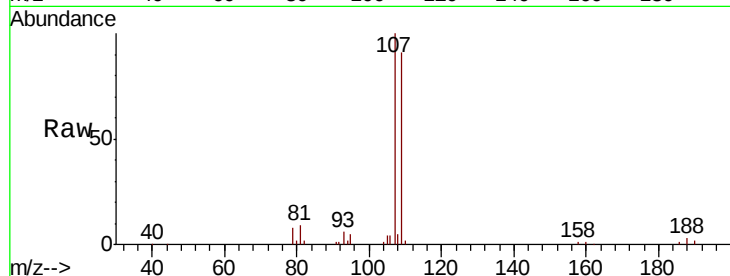
107 100

109 92.7 77.3 115.9

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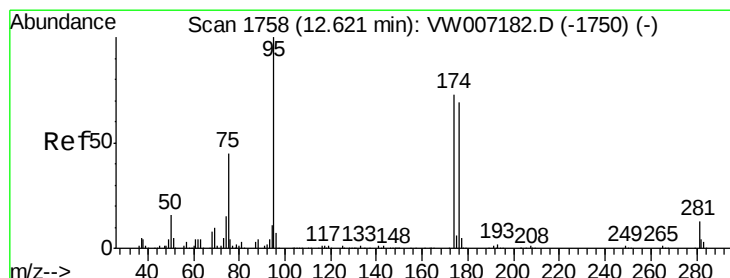
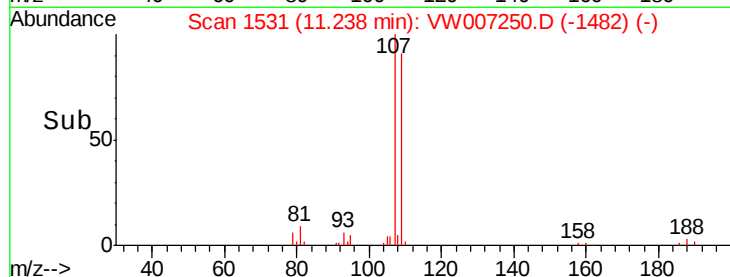
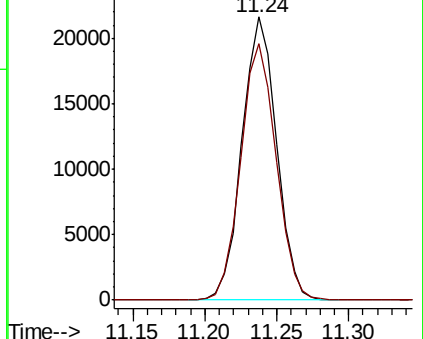
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.591 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

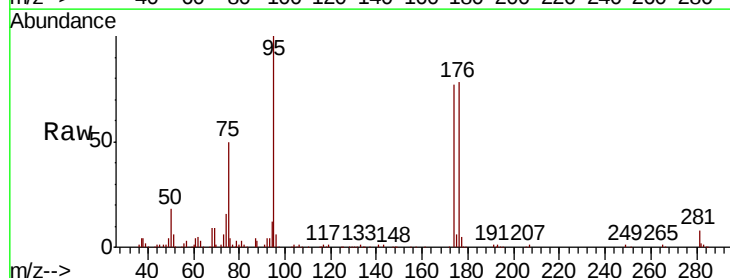
Tgt Ion: 95 Resp: 66844

Ion Ratio Lower Upper

95 100

174 78.9 0.0 148.0

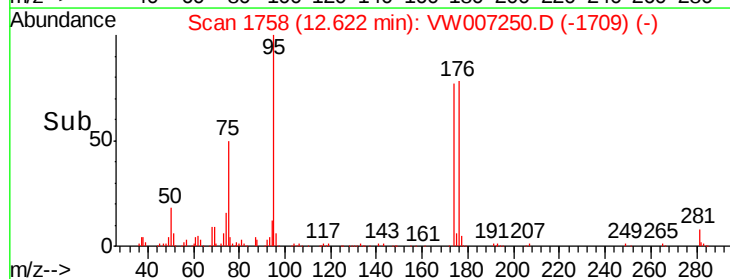
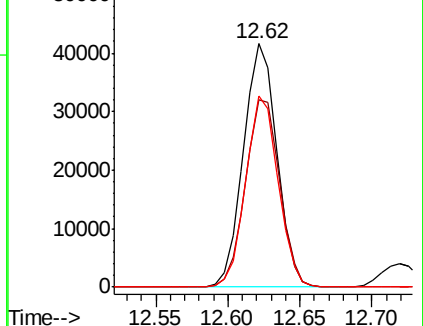
176 76.2 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





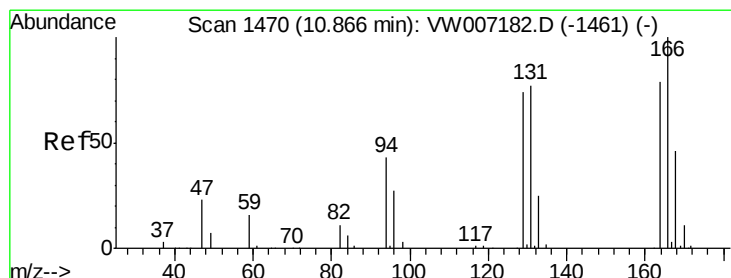
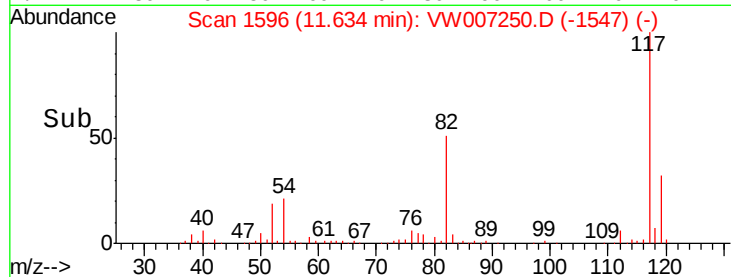
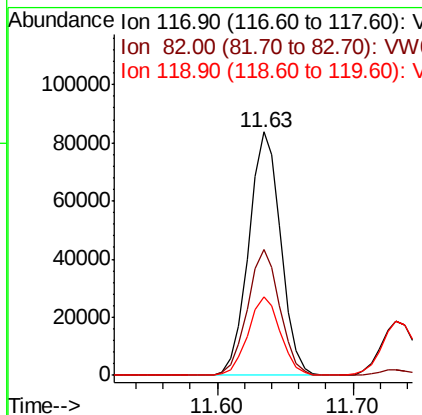
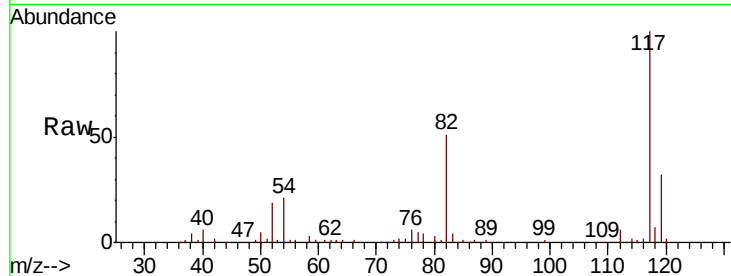
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	47.4	71.2
119	32.2	26.8	40.2

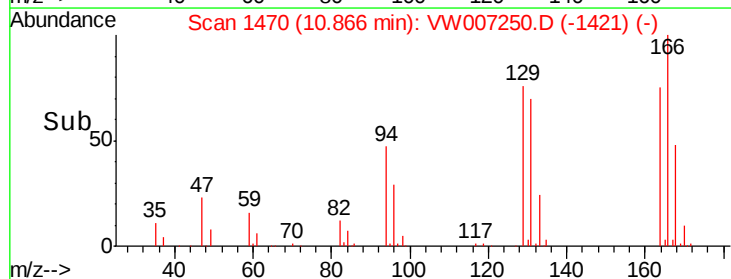
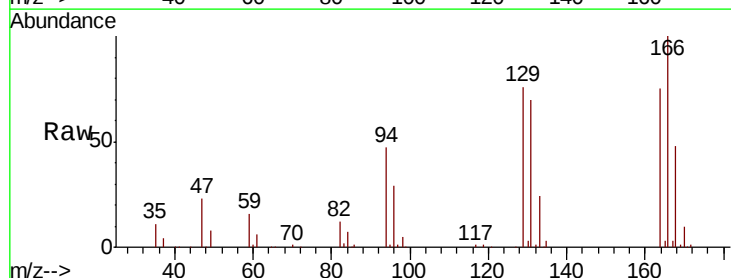
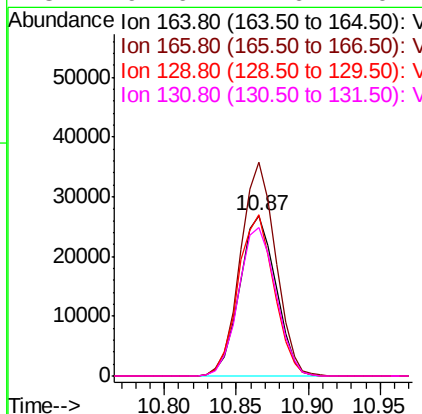
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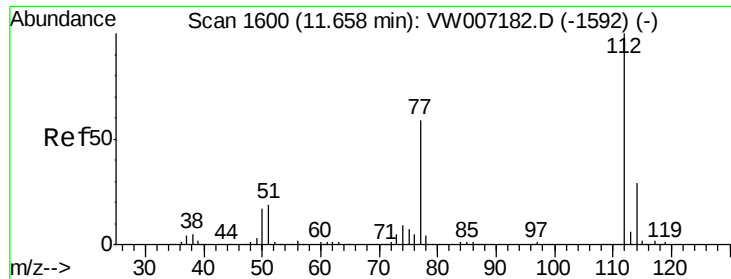
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#64
Tetrachloroethene
Concen: 46.333 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.0	101.0	151.4
129	100.5	74.6	111.8
131	92.6	77.6	116.4





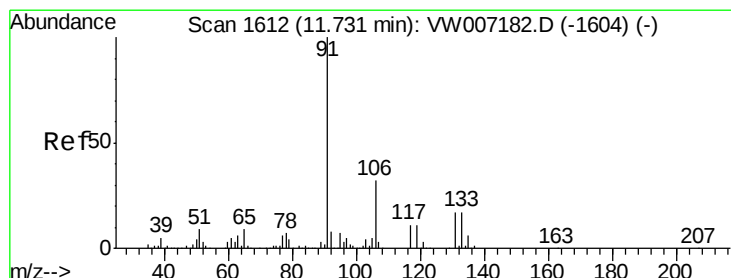
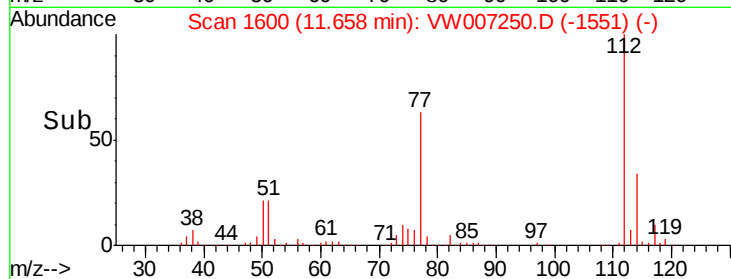
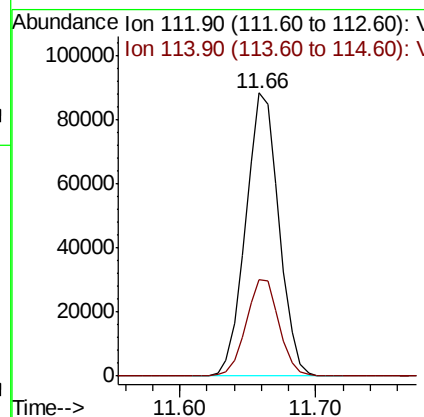
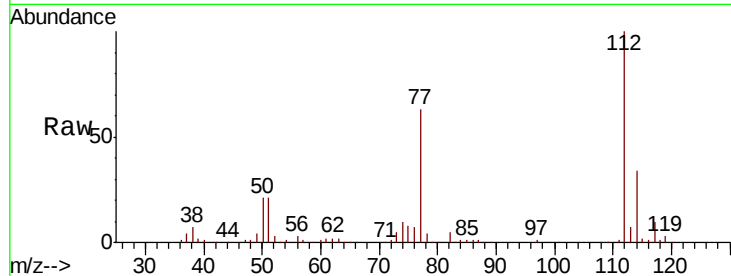
#65
Chlorobenzene
Concen: 48.774 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion:112 Resp: 150538
Ion Ratio Lower Upper
112 100
114 34.1 23.0 34.4

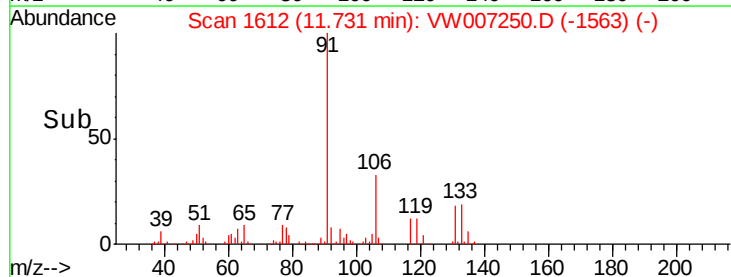
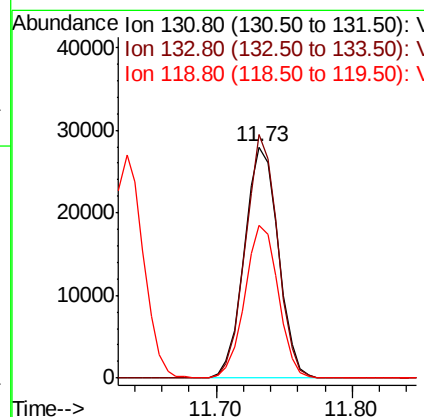
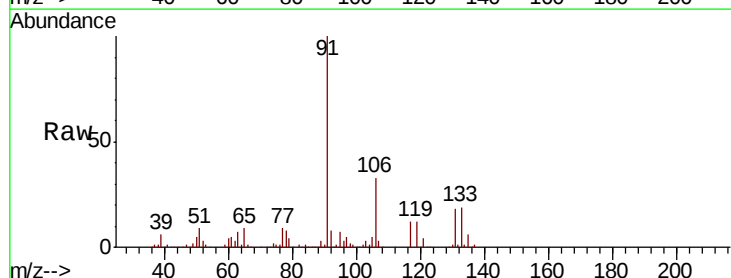
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.333 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion:131 Resp: 48931
Ion Ratio Lower Upper
131 100
133 99.4 48.0 144.2
119 65.0 32.8 98.4





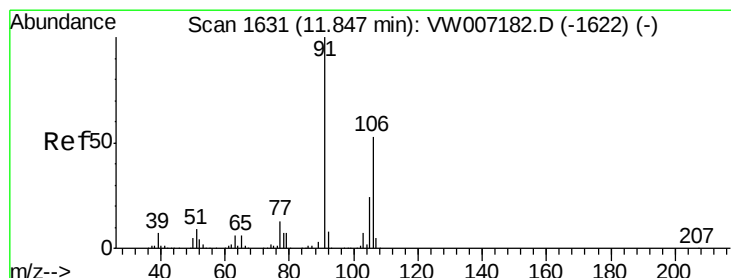
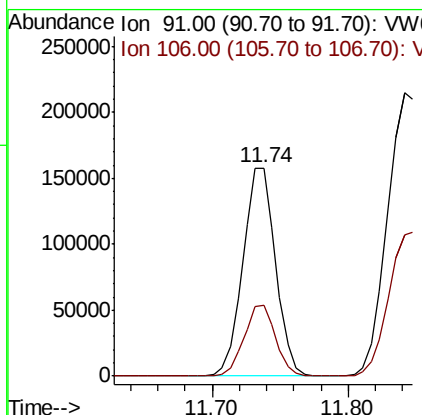
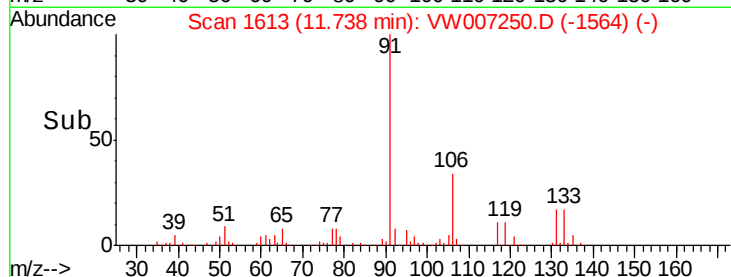
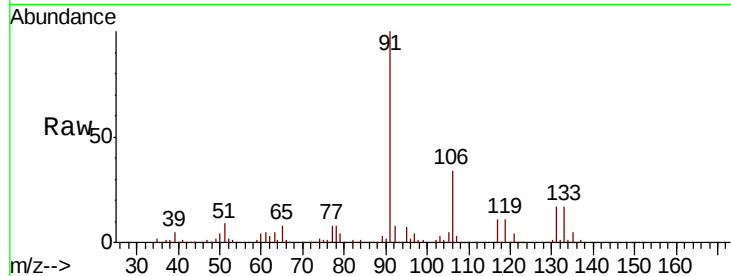
#67
Ethyl Benzene
Concen: 47.126 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion: 91 Resp: 265096
Ion Ratio Lower Upper
91 100
106 34.1 26.0 39.0

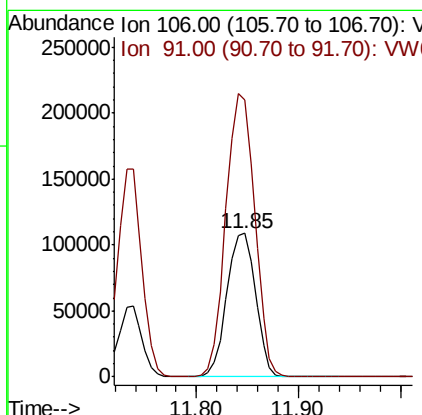
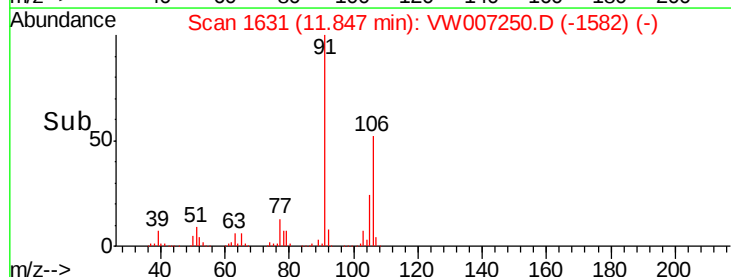
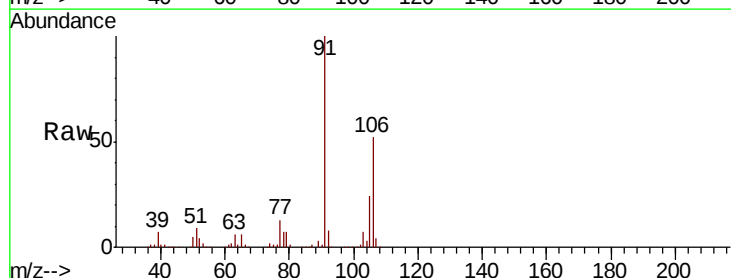
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#68
m/p-Xylenes
Concen: 96.137 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 106 Resp: 212158
Ion Ratio Lower Upper
106 100
91 198.9 160.2 240.4





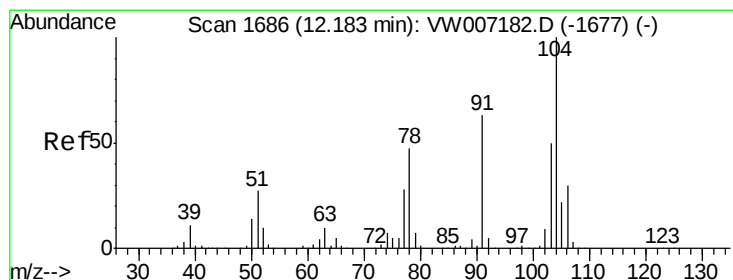
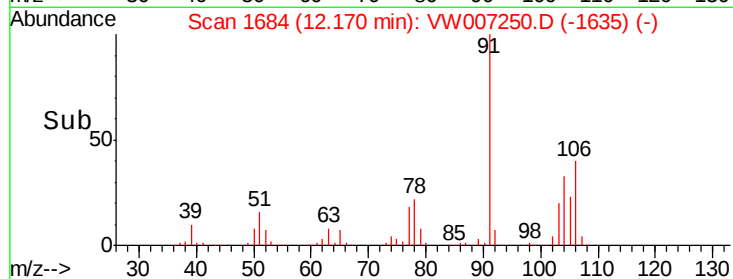
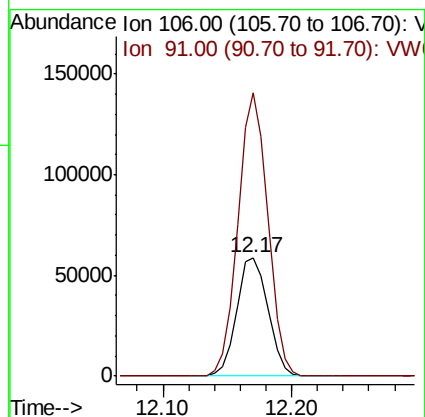
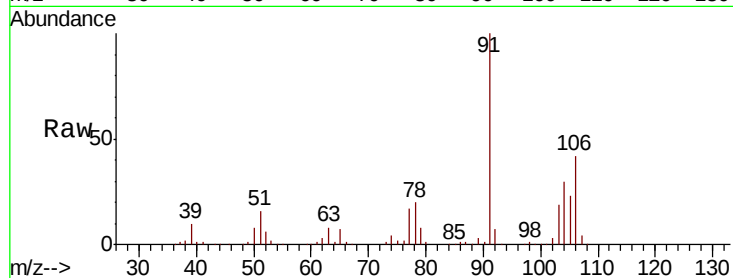
#69
o-Xylene
Concen: 47.976 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion:106 Resp: 98918
Ion Ratio Lower Upper
106 100
91 227.2 104.9 314.7

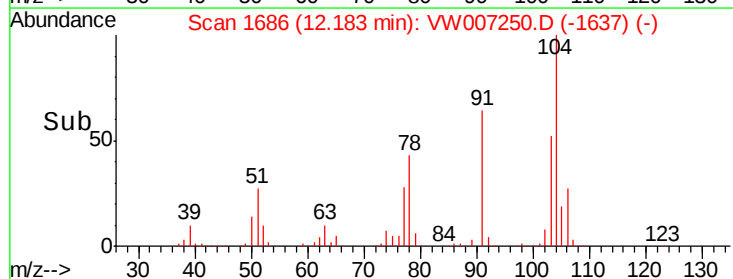
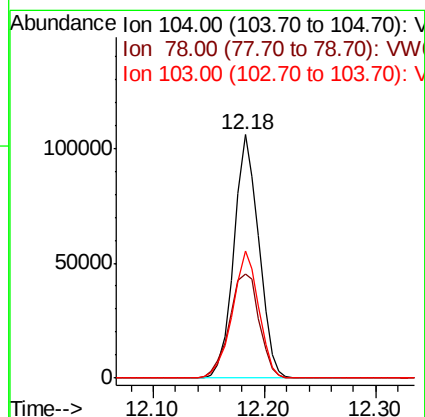
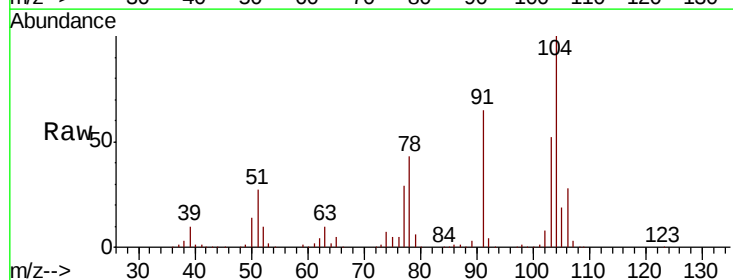
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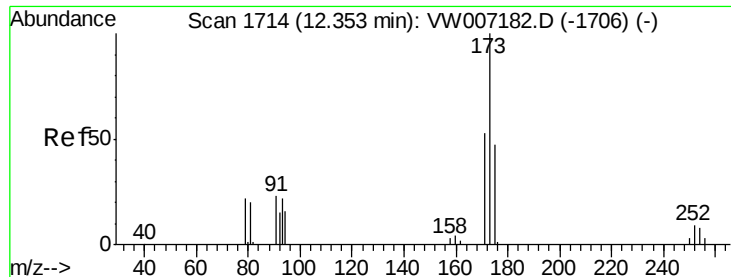
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#70
Styrene
Concen: 48.499 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion:104 Resp: 163690
Ion Ratio Lower Upper
104 100
78 51.5 40.6 60.8
103 55.2 43.0 64.4





#71

Bromoform

Concen: 49.964 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

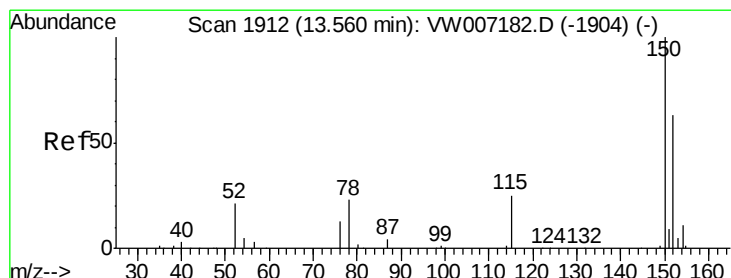
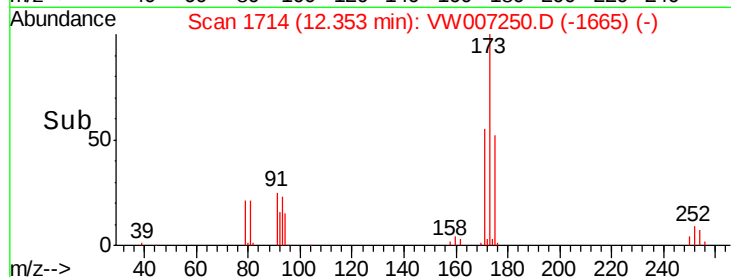
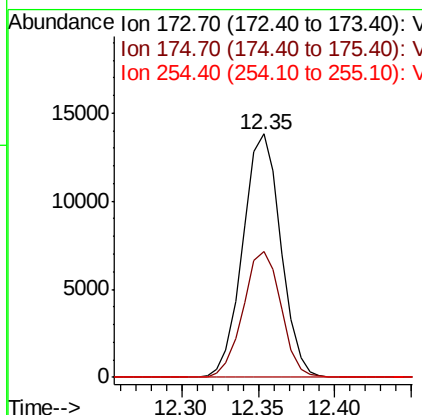
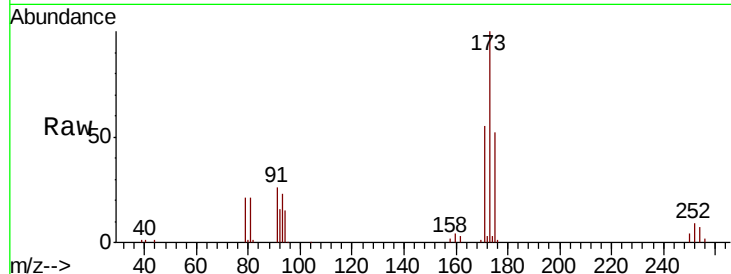
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	173	Resp:	23841
Ion Ratio	Lower	Upper	
173	100		
175	51.6	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

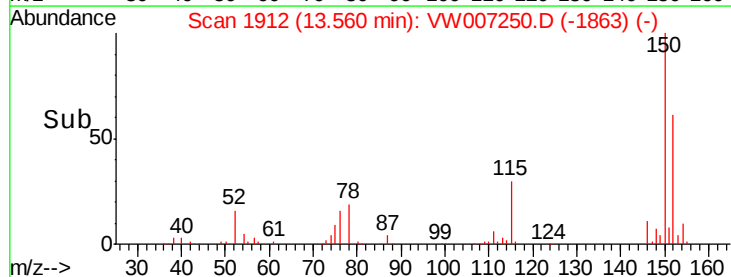
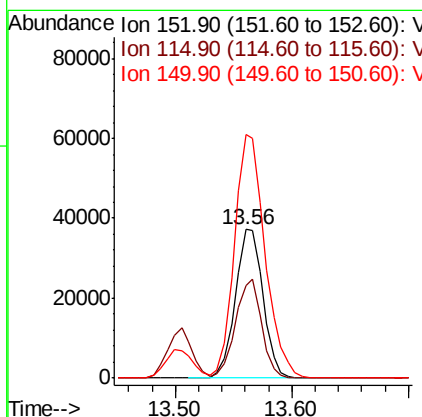
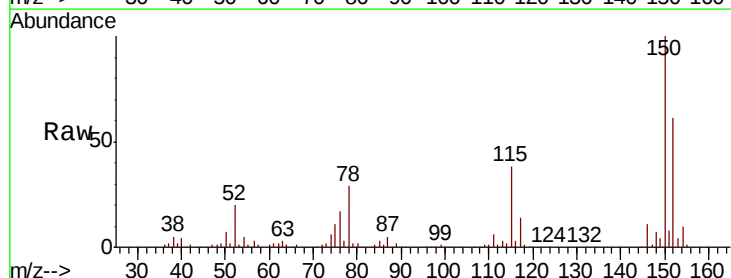
RT: 13.56 min Scan# 1912

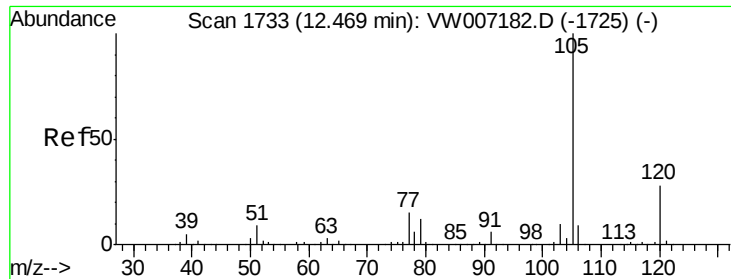
Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Tgt Ion:	152	Resp:	61644
Ion Ratio	Lower	Upper	
152	100		
115	62.8	31.3	93.8
150	180.5	0.0	358.0





#73

Isopropylbenzene

Concen: 52.849 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion: 105 Resp: 264972

Ion Ratio Lower Upper

105 100

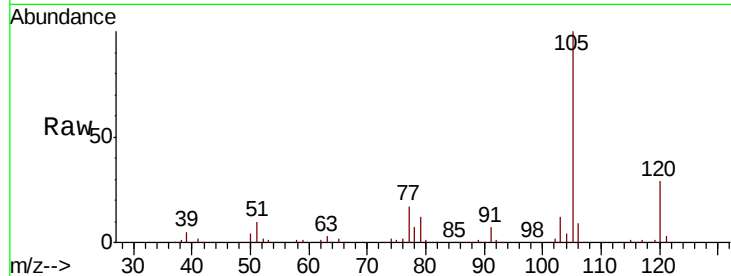
120 27.2 13.2 39.6

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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

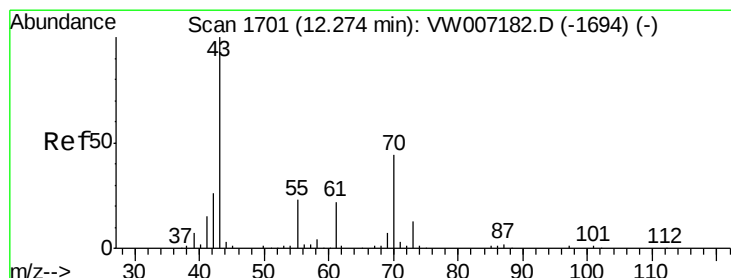
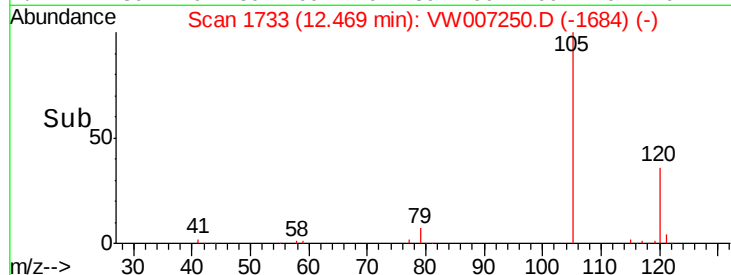
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 24.874 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Tgt Ion: 43 Resp: 22111

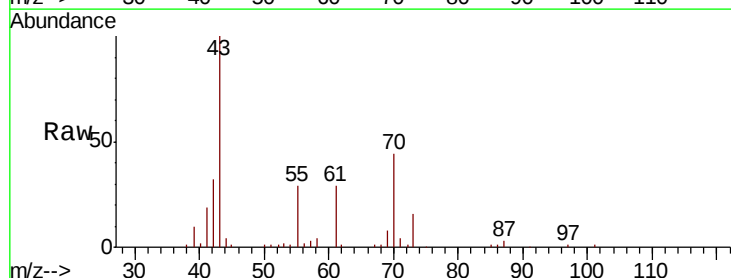
Ion Ratio Lower Upper

43 100

70 43.0 34.0 51.0

55 27.2 19.0 28.6

61 24.8 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

12.27

20000

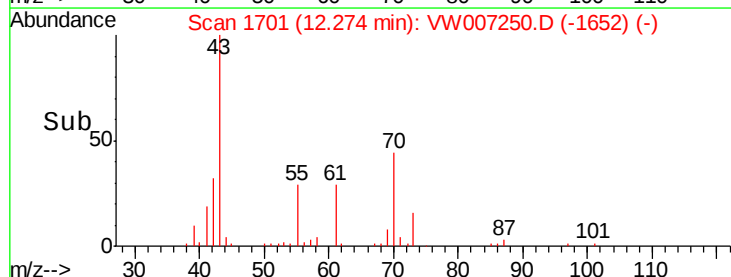
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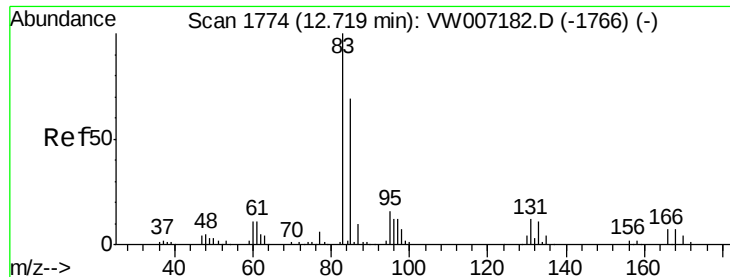
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 58.024 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

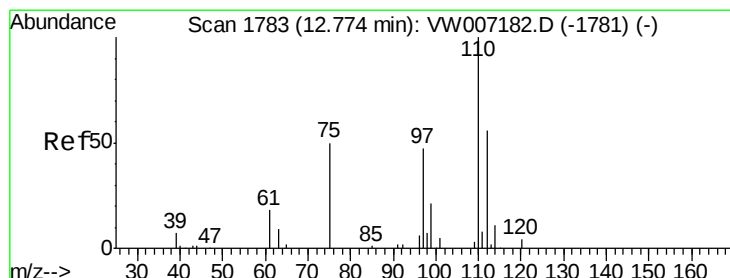
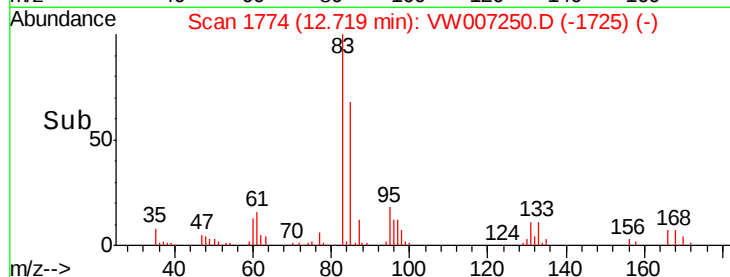
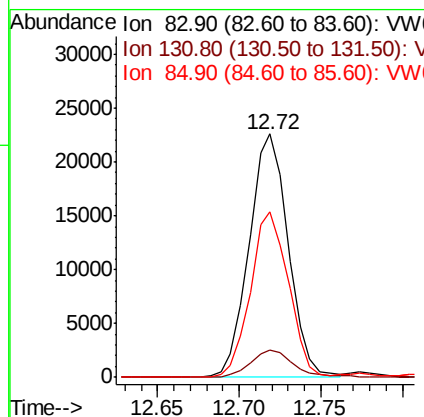
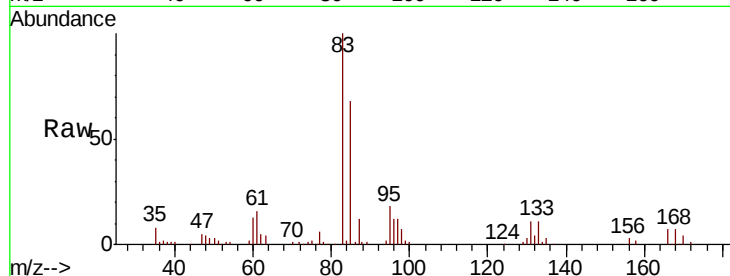
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	83	Resp:	37782
Ion Ratio	Lower	Upper	
83	100		
131	12.4	6.0	18.1
85	66.2	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 53.367 ug/l m

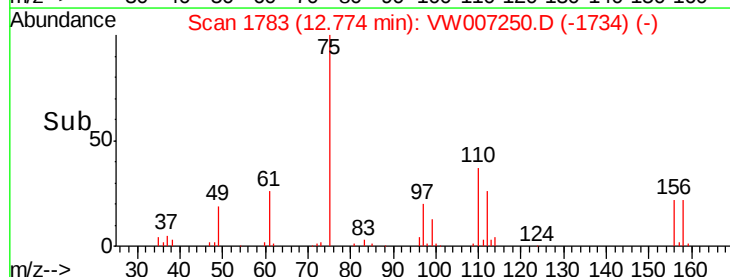
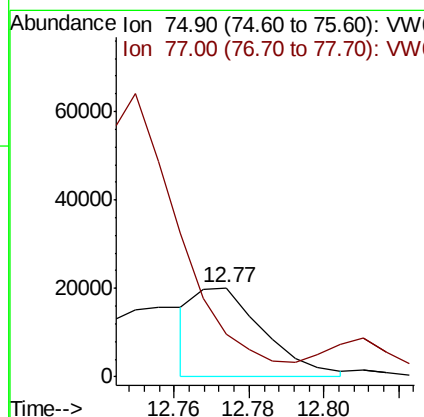
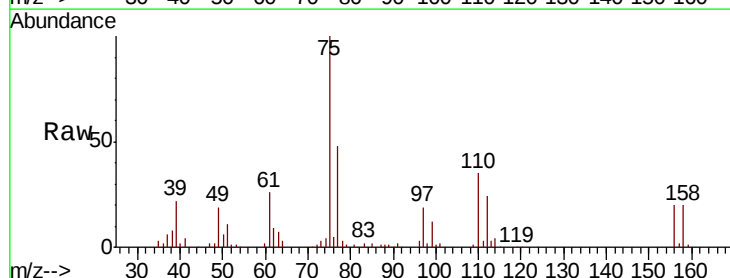
RT: 12.77 min Scan# 1783

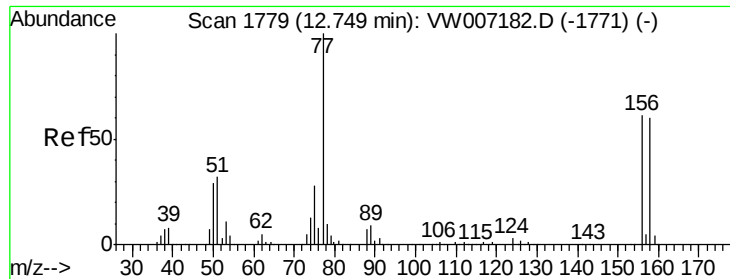
Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Tgt Ion:	75	Resp:	25473
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 56.267 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

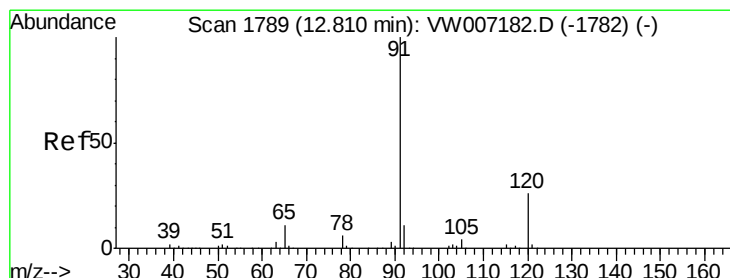
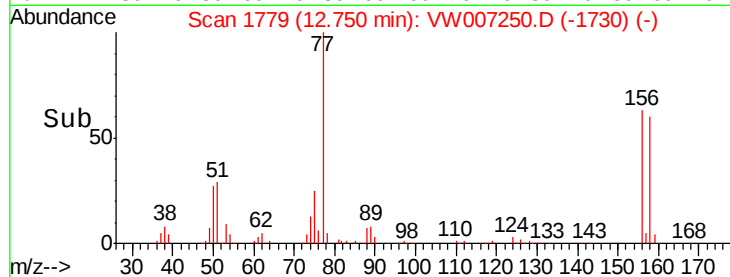
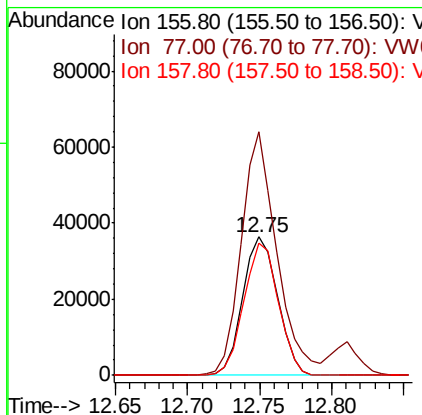
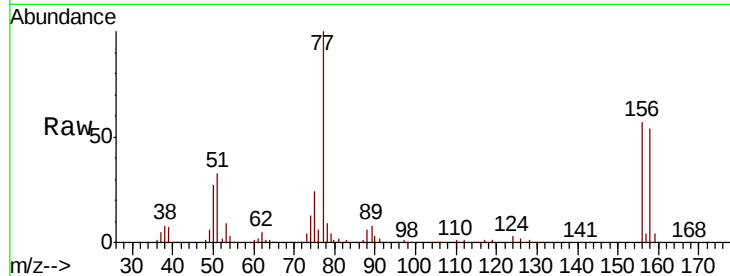
ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tgt Ion:	156	Resp:	60894
Ion Ratio	Lower	Upper	
156	100		
77	179.8	92.0	276.1
158	94.5	49.0	147.0

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#78

n-propylbenzene

Concen: 50.172 ug/l

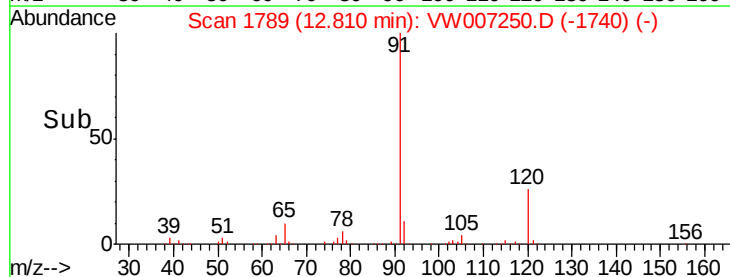
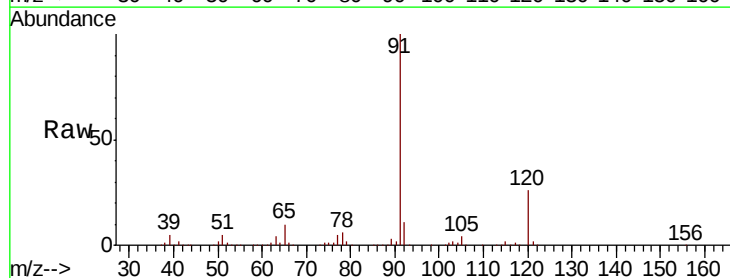
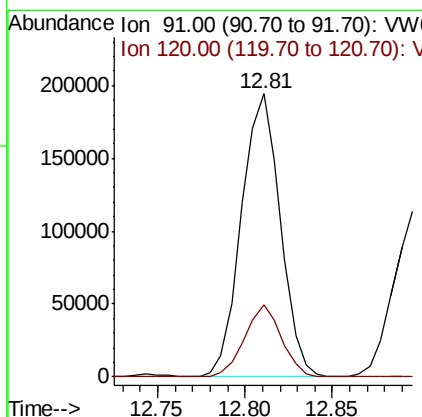
RT: 12.81 min Scan# 1789

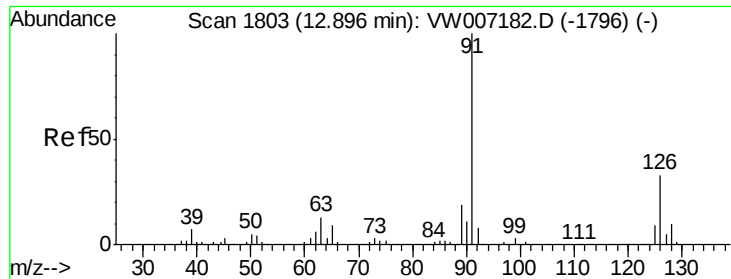
Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Tgt Ion:	91	Resp:	299688
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.5	37.5





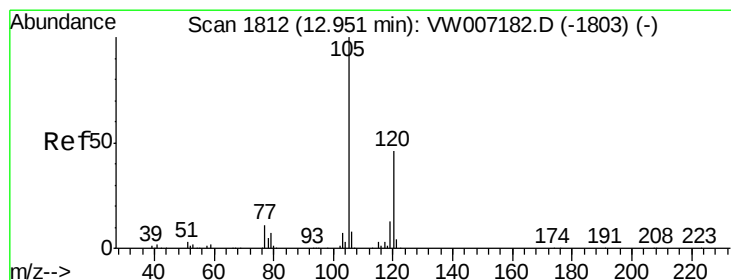
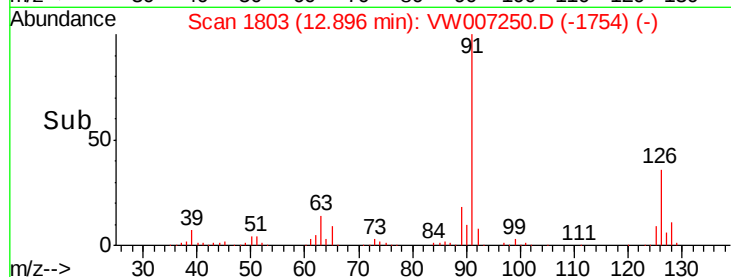
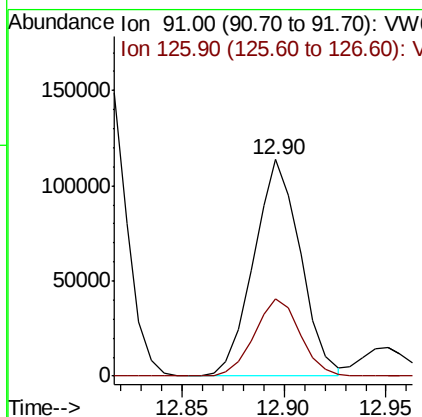
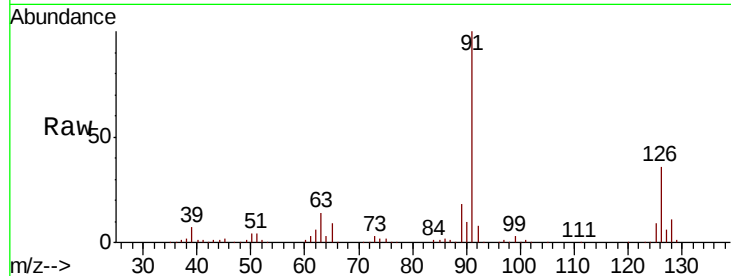
#79
 2-Chlorotoluene
 Concen: 53.532 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion: 91 Resp: 180569
 Ion Ratio Lower Upper
 91 100
 126 35.2 16.7 50.1

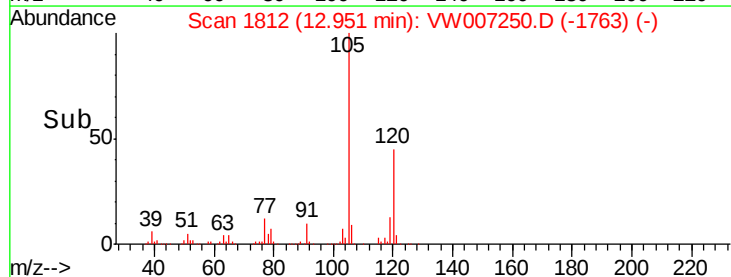
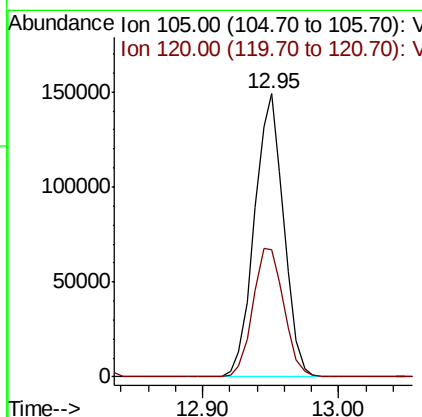
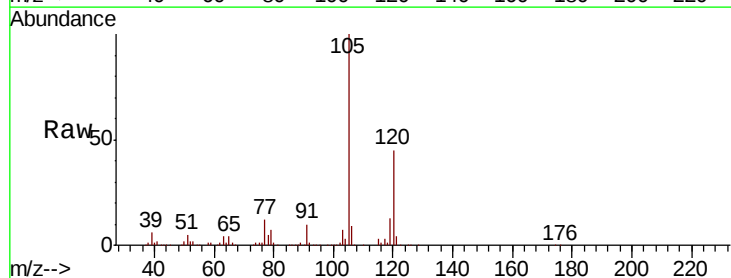
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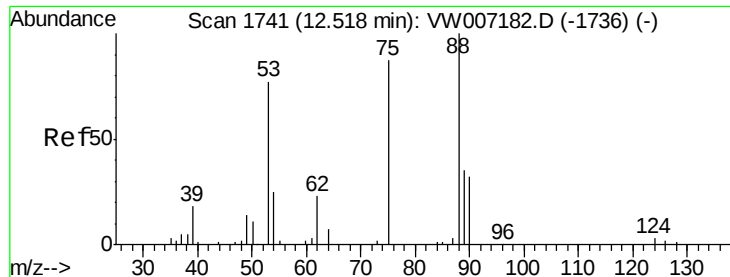
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.370 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 105 Resp: 224623
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.8 71.5





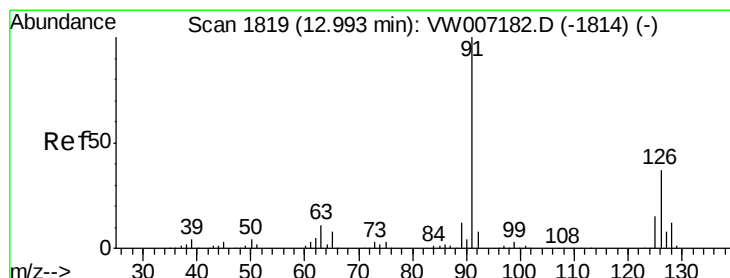
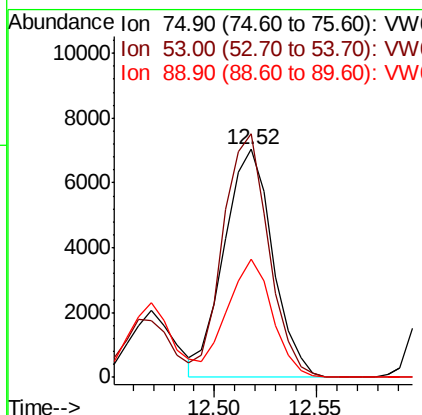
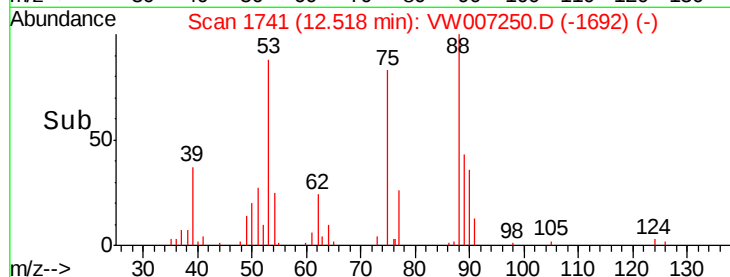
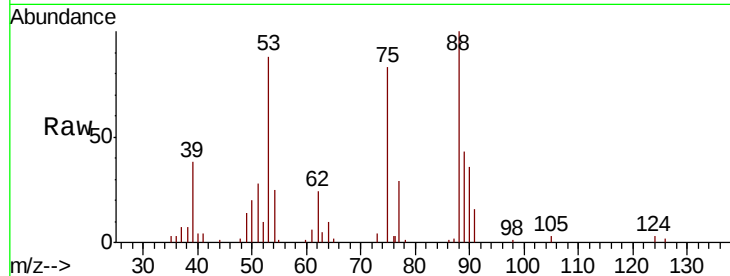
#81
trans-1,4-Dichloro-2-butene
Concen: 52.417 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.4	72.8	109.2
89	48.0	36.4	54.6

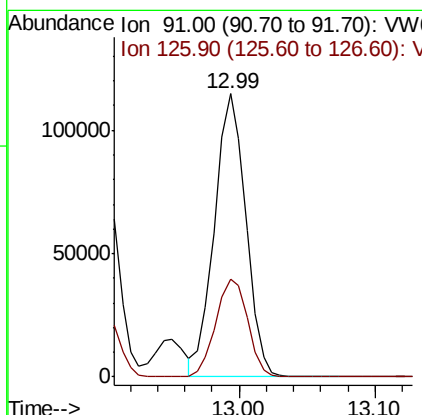
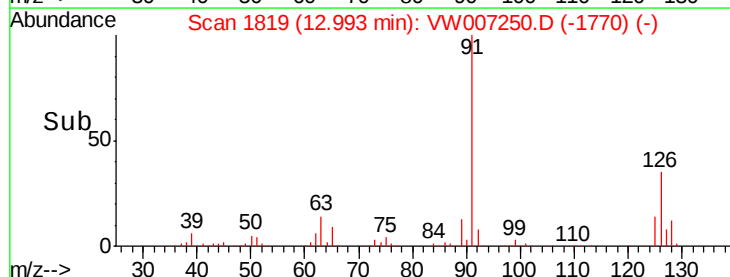
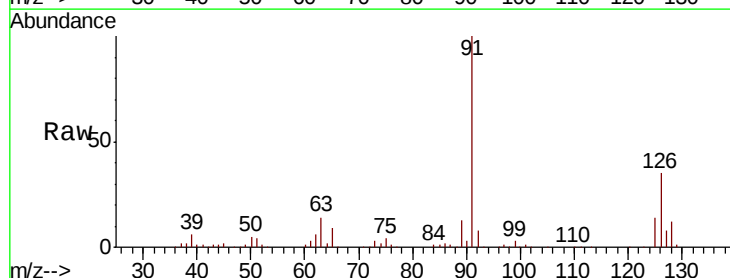
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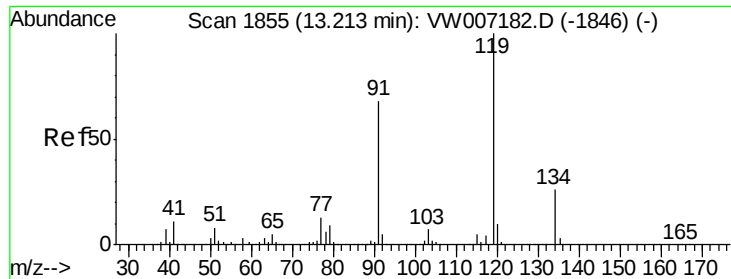
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#82
4-Chlorotoluene
Concen: 50.987 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.4	52.3





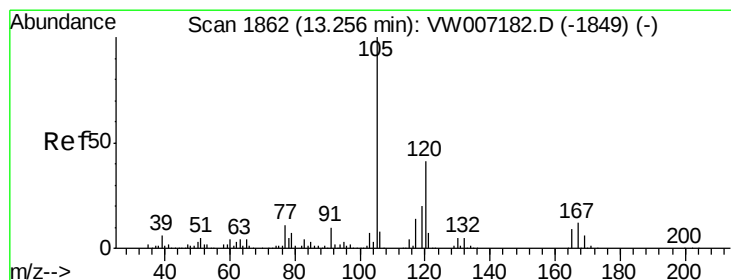
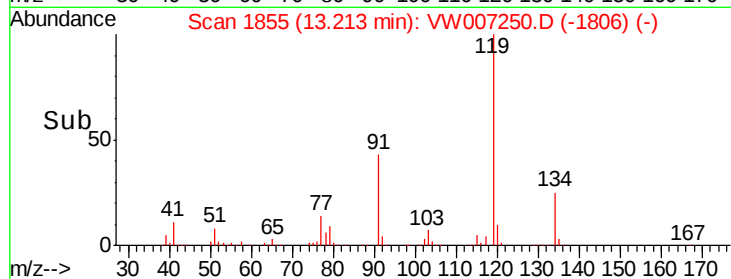
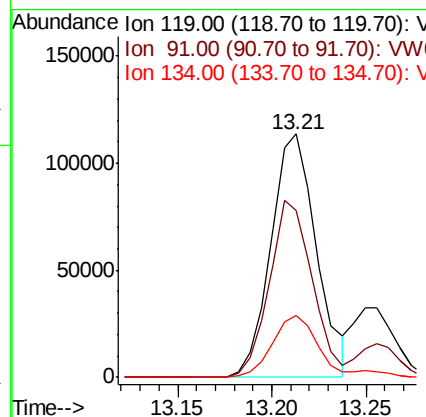
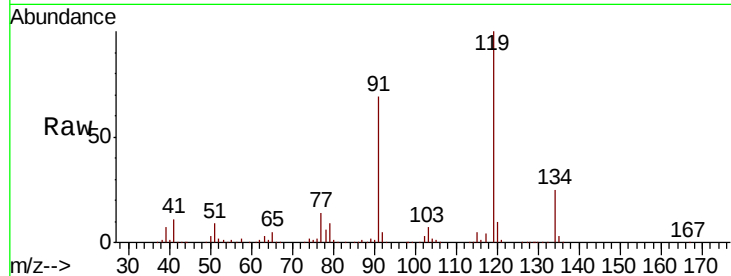
#83
 tert-Butylbenzene
 Concen: 50.775 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.6	34.0	101.8
134	25.1	13.2	39.5

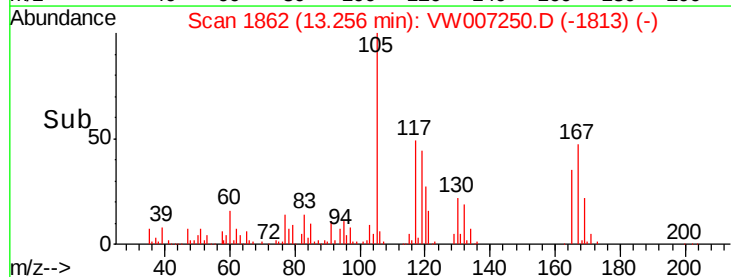
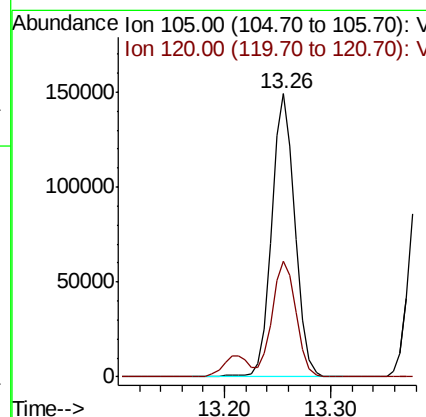
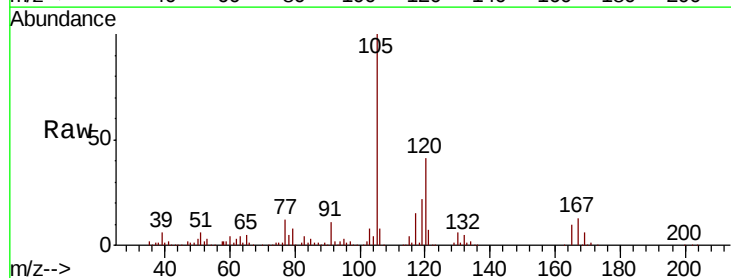
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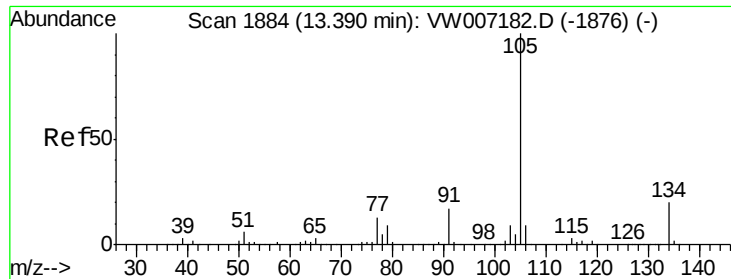
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.834 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.7	21.1	63.3





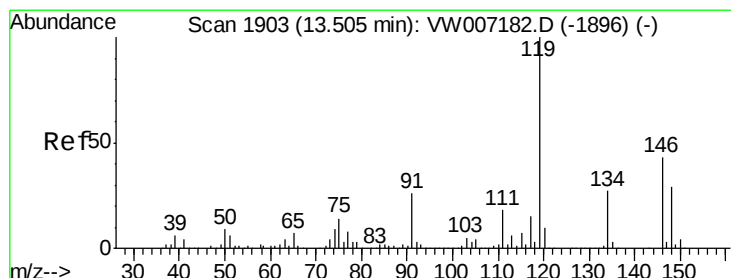
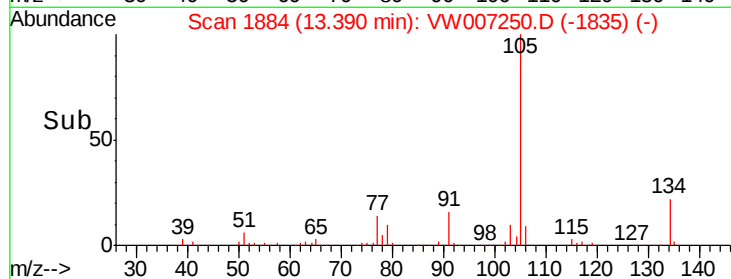
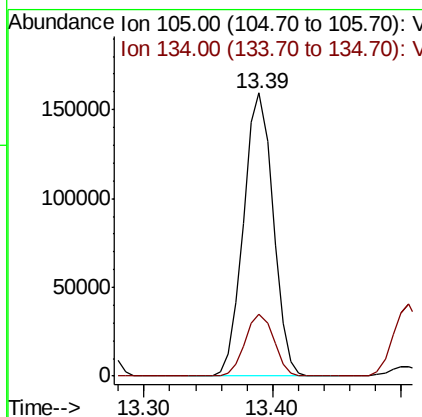
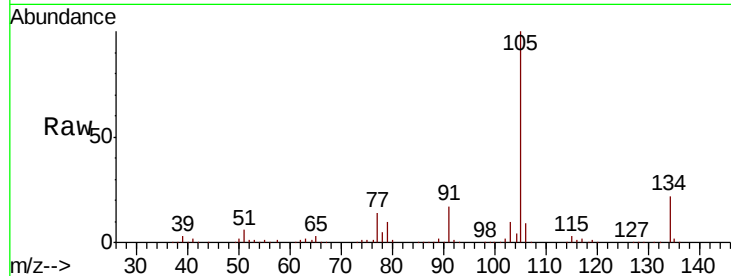
#85
 sec-Butylbenzene
 Concen: 47.302 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion:105 Resp: 253111
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.3 30.8

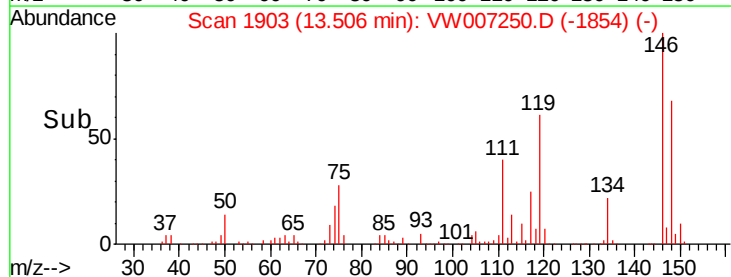
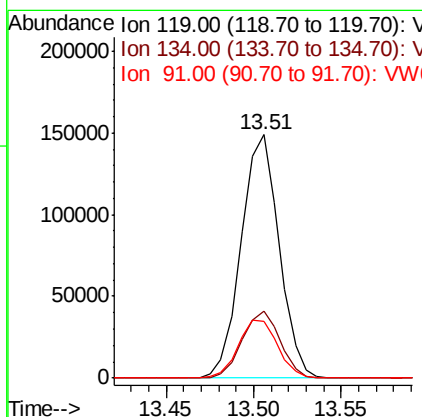
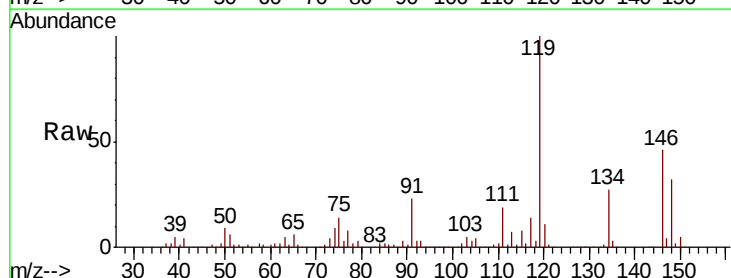
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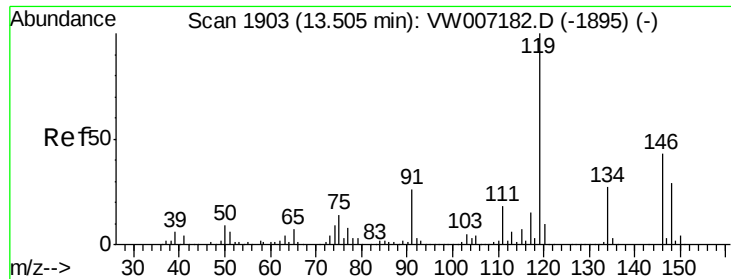
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#86
 p-Isopropyltoluene
 Concen: 47.027 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion:119 Resp: 224014
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.6
 91 24.9 12.4 37.2





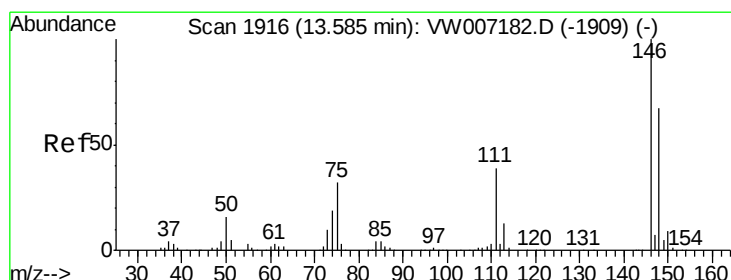
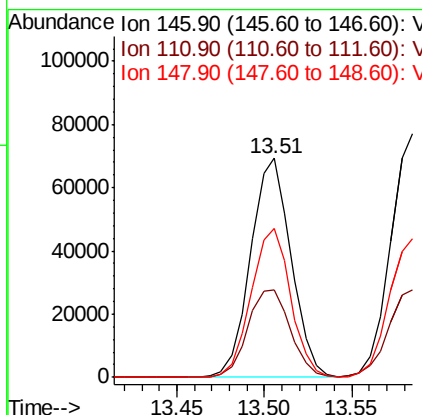
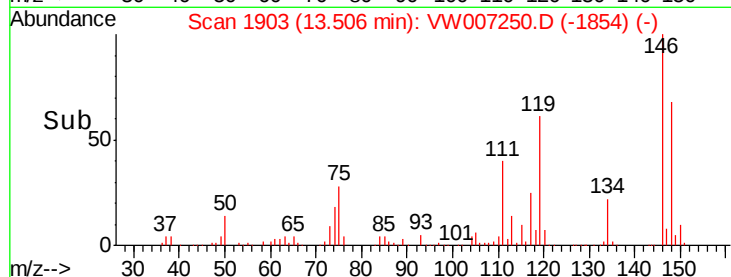
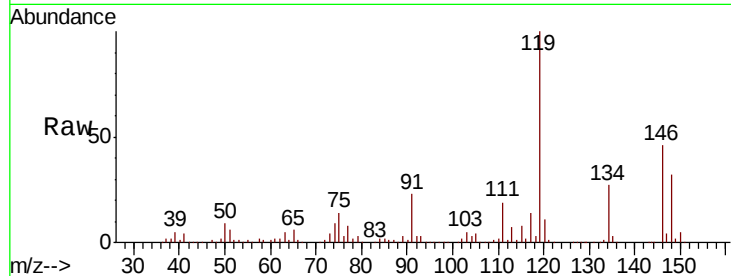
#87
 1,3-Dichlorobenzene
 Concen: 50.415 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.4
148	66.5	32.8	98.4

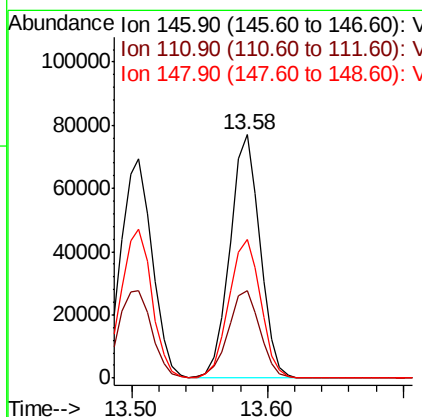
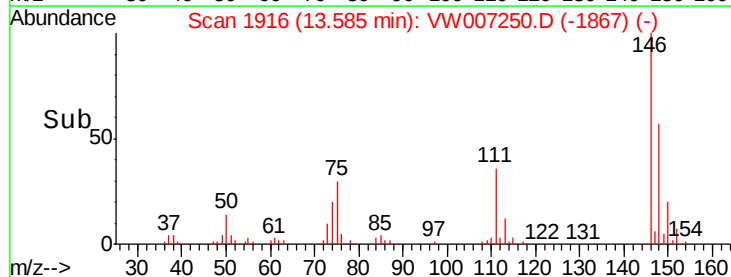
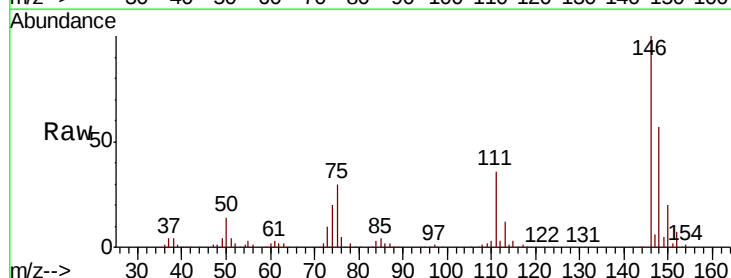
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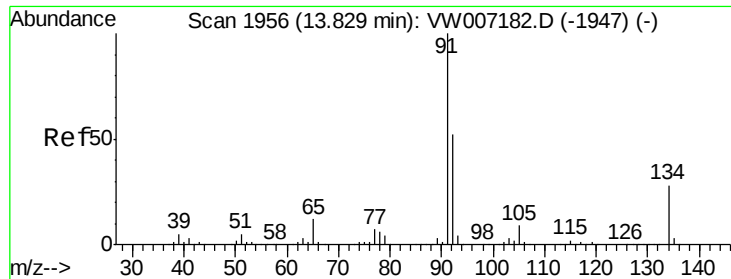
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#88
 1,4-Dichlorobenzene
 Concen: 52.668 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.6	58.8
148	60.3	32.6	98.0





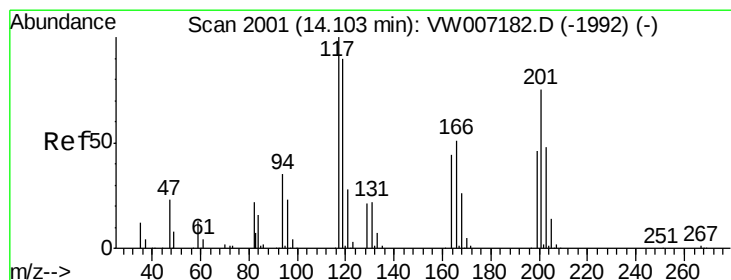
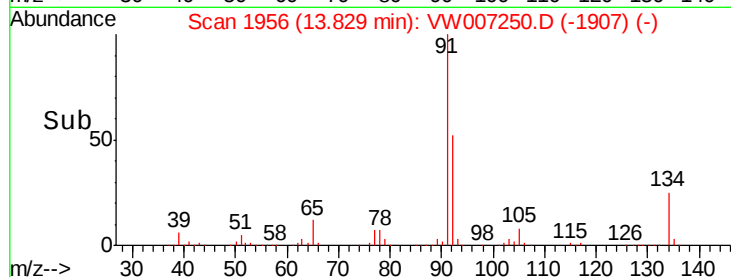
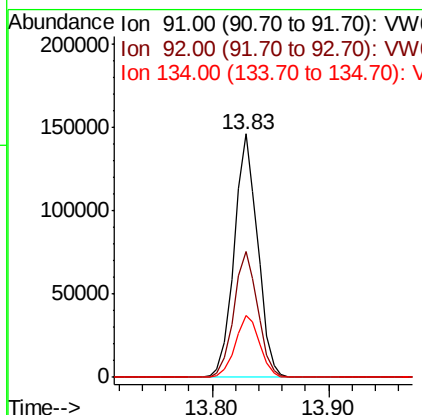
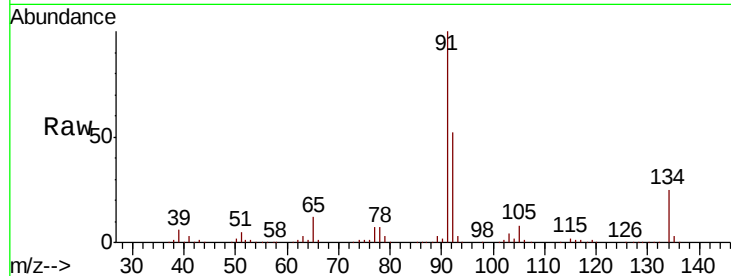
#89
n-Butylbenzene
Concen: 46.016 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	204830		
92	52.6	26.5	79.5	
134	26.4	14.1	42.2	

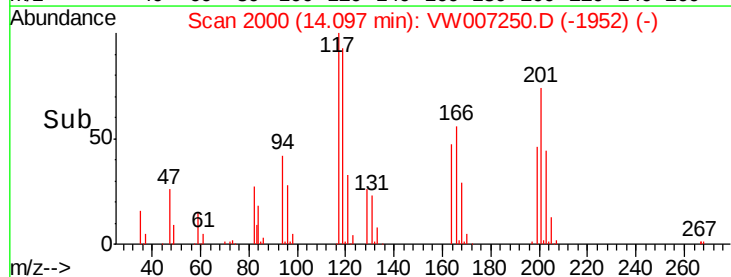
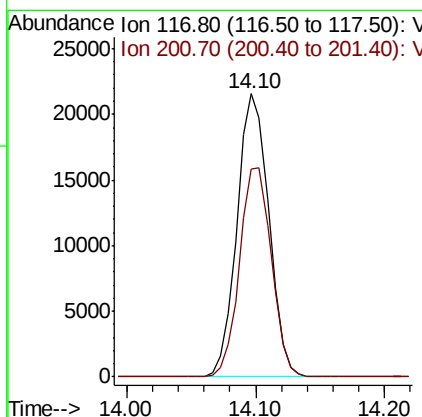
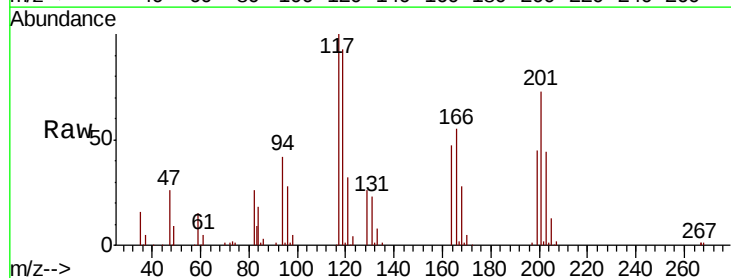
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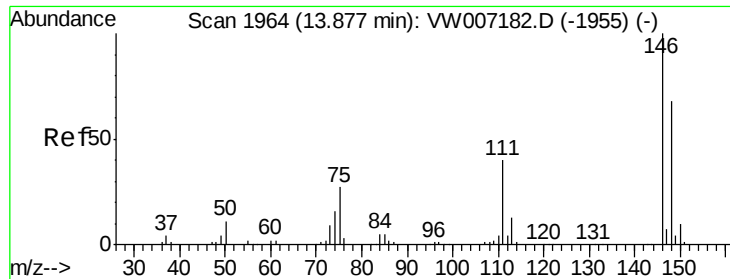
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#90
Hexachloroethane
Concen: 50.695 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	36799		
201	73.9	36.0	108.1	





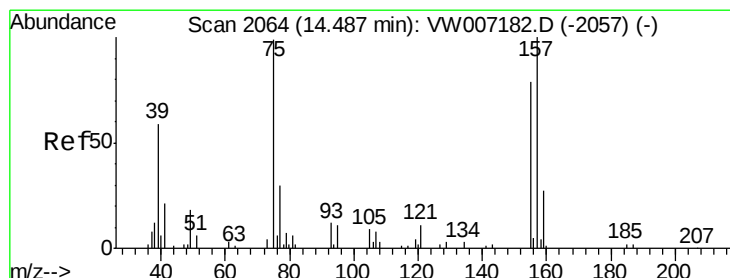
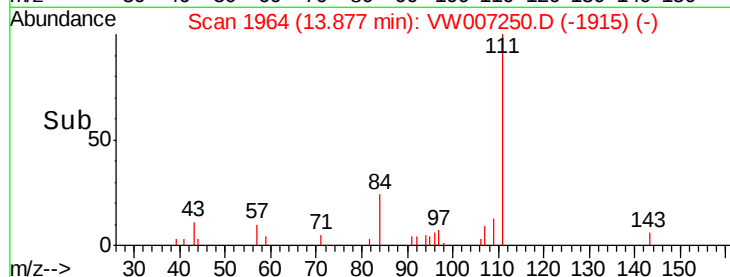
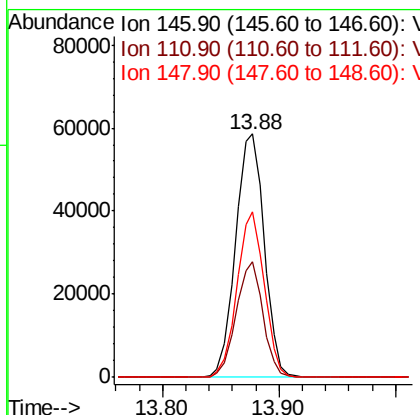
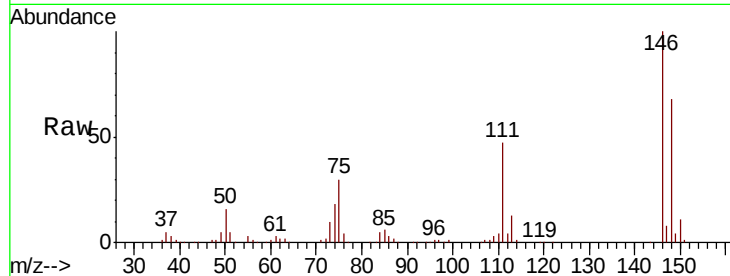
#91
 1,2-Dichlorobenzene
 Concen: 52.272 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	100534		
111	44.3	21.6	65.0	
148	64.6	32.7	98.1	

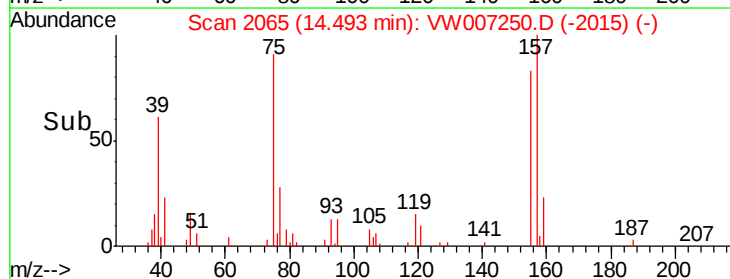
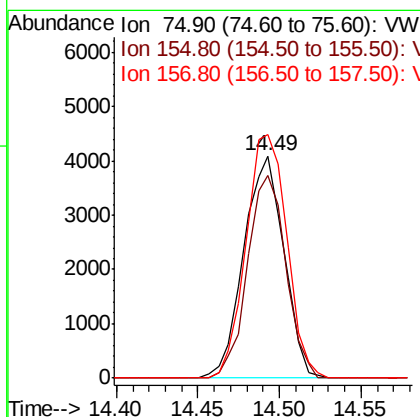
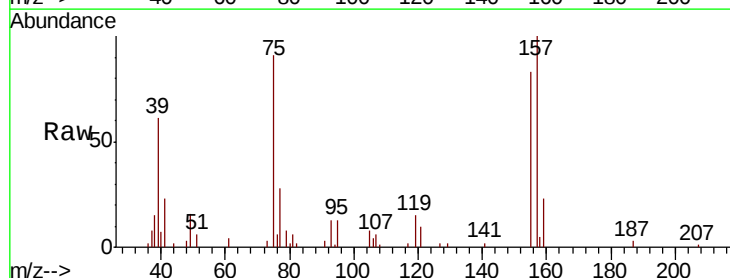
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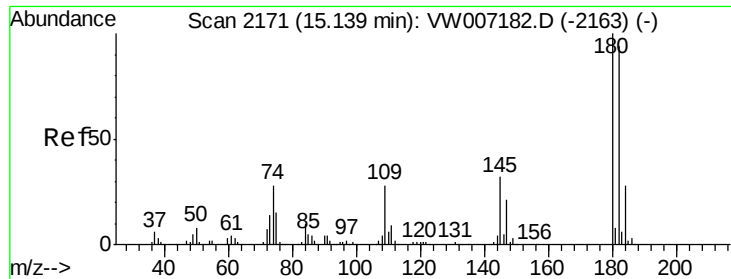
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.471 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	6997		
155	87.3	42.4	127.2	
157	111.3	55.3	165.9	





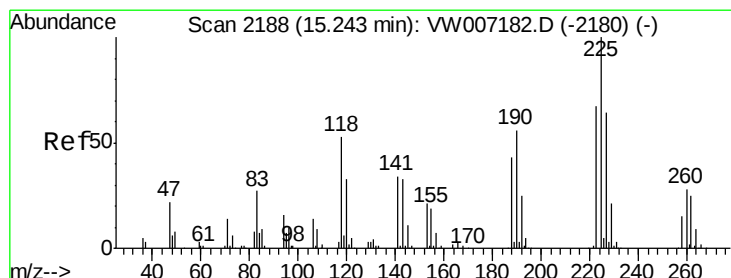
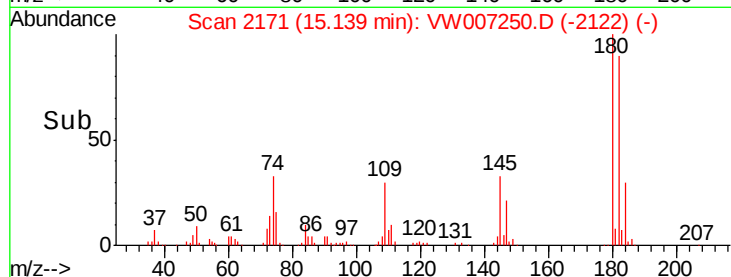
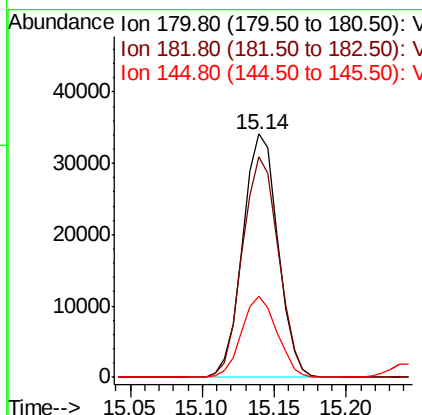
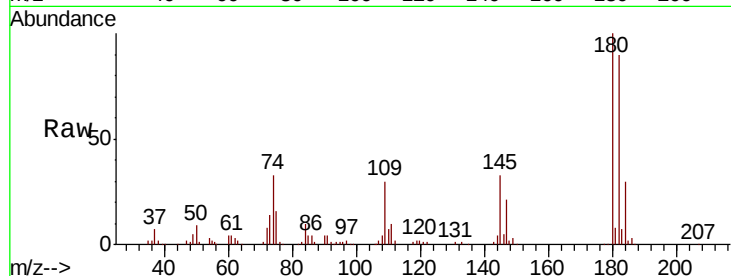
#93
1,2,4-Trichlorobenzene
Concen: 43.248 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	57643		
182	93.0	47.9	143.8	
145	33.4	16.6	49.7	

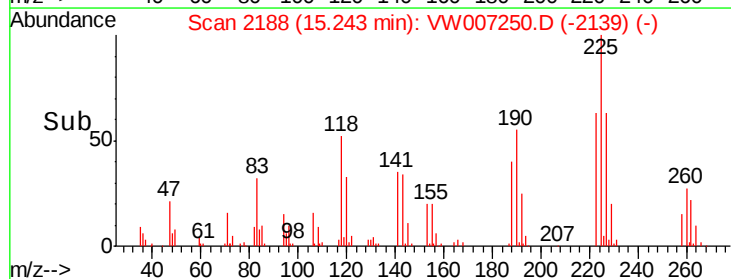
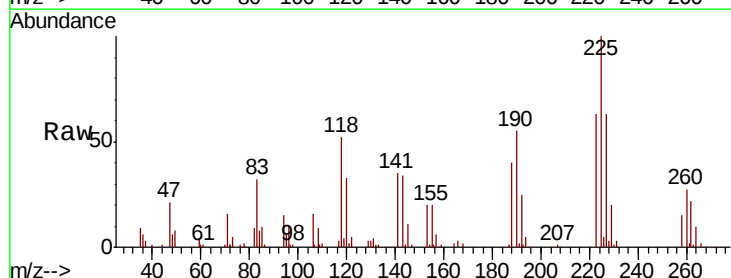
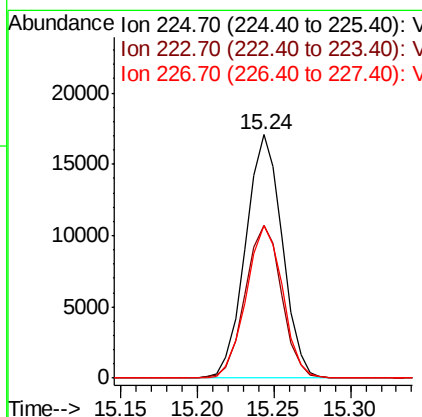
Manual Integrations
APPROVED

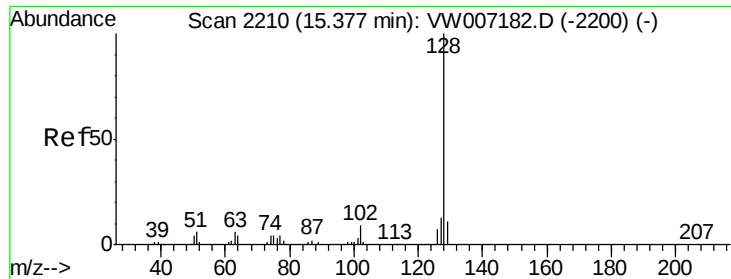
apatel
12/6/2018 12:56:04 PM



#94
Hexachlorobutadiene
Concen: 39.634 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28487		
223	62.1	32.3	96.8	
227	62.4	32.1	96.3	





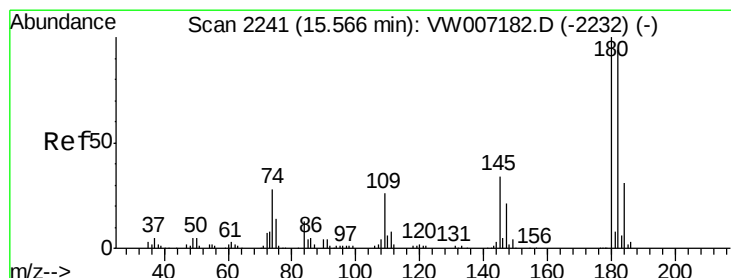
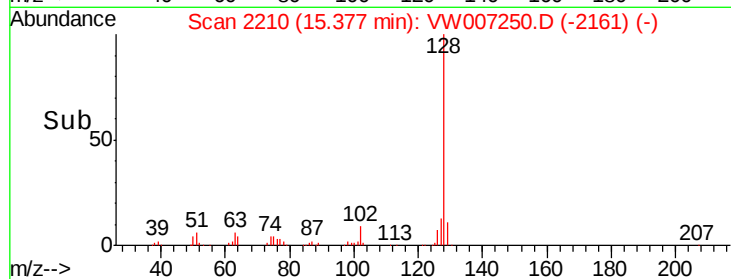
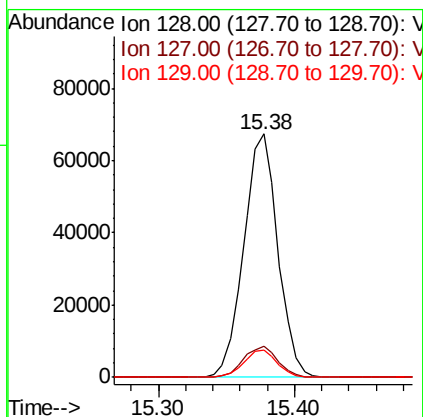
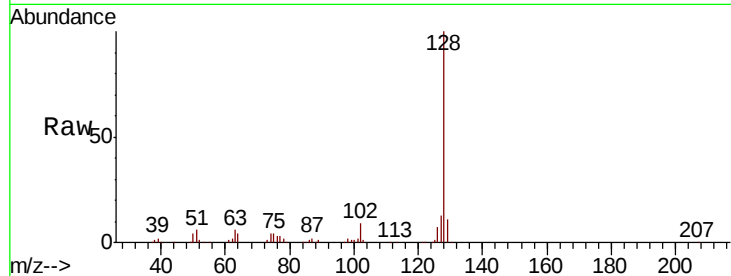
#95
Naphthalene
Concen: 49.307 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
12/6/2018 12:56:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 42.755 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.4	142.2
145	35.5	17.6	52.8

