

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006850.D
 Acq On : 13 Nov 2018 13:30
 Operator : SY/AP
 Sample : VW1113SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Manual Integrations
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Quant Time: Nov 13 15:38:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	352683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	463936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	445116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	257411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121611	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	7.89	113	128384	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	10.33	98	518406	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
62) 4-Bromofluorobenzene	12.62	95	198115	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	65309	22.431	ug/l	98
3) Chloromethane	2.21	50	69768	21.255	ug/l	99
4) Vinyl Chloride	2.36	62	73798	20.944	ug/l	100
5) Bromomethane	2.78	94	52287	22.057	ug/l	96
6) Chloroethane	2.92	64	45229	19.892	ug/l	99
7) Trichlorofluoromethane	3.26	101	100384	21.583	ug/l	97
8) Diethyl Ether	3.69	74	29849	21.871	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	67074	21.268	ug/l	98
10) Methyl Iodide	4.28	142	81389	18.413	ug/l	100
11) Tert butyl alcohol	5.24	59	18156	107.280	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	56149	21.077	ug/l	95
13) Acrolein	3.91	56	20407	115.292	ug/l	100
14) Allyl chloride	4.68	41	73492	20.975	ug/l	99
15) Acrylonitrile	5.38	53	54275	105.007	ug/l	98
16) Acetone	4.16	43	38047	102.755	ug/l	93
17) Carbon Disulfide	4.39	76	165671	19.665	ug/l	99
18) Methyl Acetate	4.68	43	25744	20.326	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	142842	22.585	ug/l	100
20) Methylene Chloride	4.92	84	72539	18.215	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	65671	20.903	ug/l	99
22) Diisopropyl ether	6.32	45	152572	20.967	ug/l	97
23) Vinyl Acetate	6.26	43	454759	110.857	ug/l	98
24) 1,1-Dichloroethane	6.23	63	99123	20.539	ug/l	99
25) 2-Butanone	7.19	43	67220	107.349	ug/l	100
26) 2,2-Dichloropropane	7.17	77	102663	21.142	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	71094	21.225	ug/l	99
28) Bromochloromethane	7.52	49	34079	20.188	ug/l	97
29) Tetrahydrofuran	7.54	42	42170	105.232	ug/l	98
30) Chloroform	7.68	83	109521	20.784	ug/l	97
31) Cyclohexane	7.96	56	107466	21.754	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	111628	21.947	ug/l	100
36) 1,1-Dichloropropene	8.09	75	96029	22.119	ug/l	99
37) Ethyl Acetate	7.26	43	32152	22.648	ug/l	98
38) Carbon Tetrachloride	8.07	117	103757	21.989	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	117299	20.825	ug/l	94
40) Benzene	8.33	78	252287	20.898	ug/l	100
41) Methacrylonitrile	7.49	41	18299	20.993	ug/l	95
42) 1,2-Dichloroethane	8.41	62	69509	21.490	ug/l	98
43) Isopropyl Acetate	8.43	43	60671	21.974	ug/l	98
44) Trichloroethene	9.10	130	83503	21.921	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61335	21.799	ug/l	99
46) Dibromomethane	9.46	93	32842	20.969	ug/l	99
47) Bromodichloromethane	9.65	83	84452	21.739	ug/l	99
48) Methyl methacrylate	9.44	41	27716	20.475	ug/l	98
49) 1,4-Dioxane	9.48	88	9608	406.041	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	146650	105.927	ug/l	99
52) Toluene	10.39	92	177081	20.690	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	81178	21.226	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	97809	21.568	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	50987	21.938	ug/l	96
56) Ethyl methacrylate	10.65	69	54276	21.309	ug/l	99
57) 1,3-Dichloropropane	10.94	76	78223	21.253	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	134361	105.326	ug/l	99
59) 2-Hexanone	10.98	43	103338	108.214	ug/l	98
60) Dibromochloromethane	11.13	129	60198	21.168	ug/l	99
61) 1,2-Dibromoethane	11.24	107	47522	21.530	ug/l	98
64) Tetrachloroethene	10.87	164	73328	20.557	ug/l	100
65) Chlorobenzene	11.66	112	205805	20.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	66762	20.835	ug/l	100
67) Ethyl Benzene	11.74	91	356966	21.204	ug/l	100
68) m/p-Xylenes	11.85	106	294429	42.746	ug/l	99
69) o-Xylene	12.17	106	137267	21.413	ug/l	98
70) Styrene	12.19	104	217346	21.183	ug/l	100
71) Bromoform	12.35	173	36120	20.655	ug/l #	99
73) Isopropylbenzene	12.47	105	373731	20.916	ug/l	99
74) N-amyl acetate	12.28	43	57706	21.359	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	51337	20.770	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32981m	17.779	ug/l	
77) Bromobenzene	12.75	156	93830	20.829	ug/l	98
78) n-propylbenzene	12.81	91	440966	20.910	ug/l	100
79) 2-Chlorotoluene	12.90	91	246072	20.798	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	325631	21.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14987	19.984	ug/l	99
82) 4-Chlorotoluene	12.99	91	262428	20.789	ug/l	99
83) tert-Butylbenzene	13.21	119	284978	20.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	327386	20.944	ug/l	99
85) sec-Butylbenzene	13.39	105	403694	20.982	ug/l	99
86) p-Isopropyltoluene	13.51	119	368018	21.029	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	190761	20.777	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	190337	20.954	ug/l	99
89) n-Butylbenzene	13.83	91	333307	20.840	ug/l	99
90) Hexachloroethane	14.10	117	55071	19.666	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	168942	21.130	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8248	20.843	ug/l	98

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MSVOA_W
ClientSampleId :
VW1113SBSD01

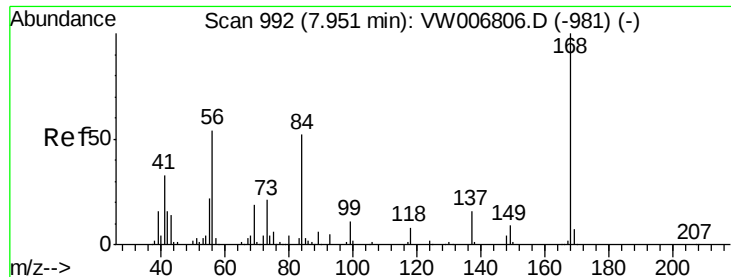
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	127667	21.149	ug/l	99
94) Hexachlorobutadiene	15.24	225	80107	20.942	ug/l	100
95) Naphthalene	15.38	128	194283	21.519	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	107004	20.656	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBSD01

Tot Ion:168 Resp: 352683

Ion Ratio Lower Upper

168 100

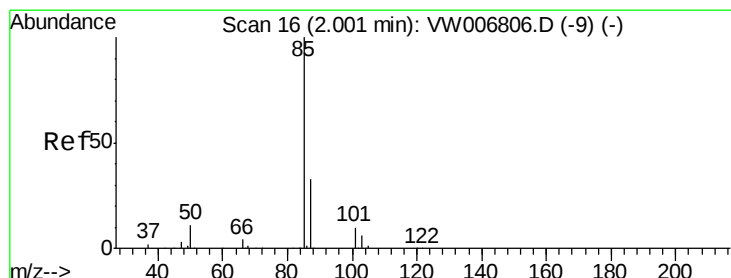
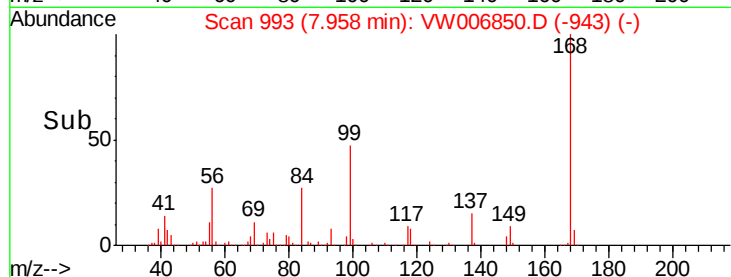
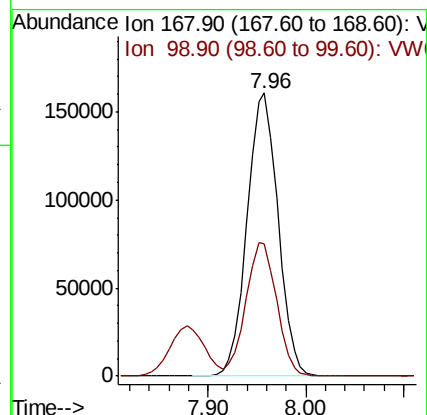
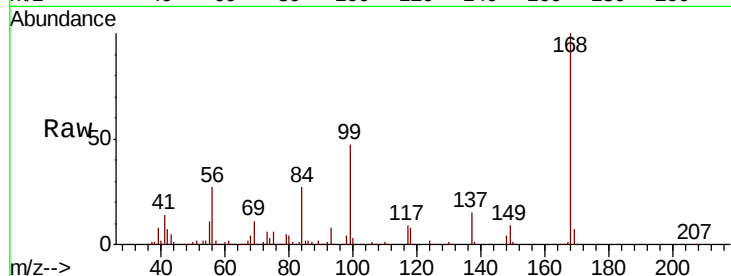
99 46.7 37.3 55.9

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#2

Dichlorodifluoromethane

Concen: 22.431 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006850.D

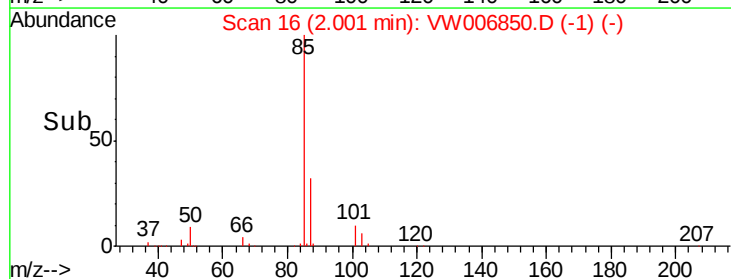
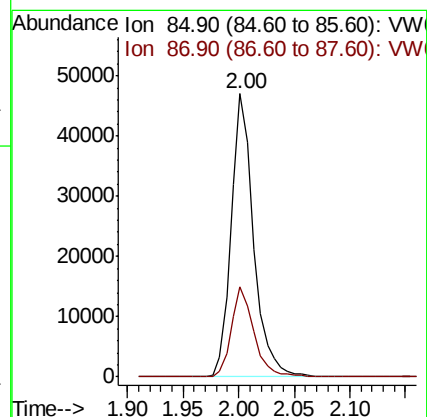
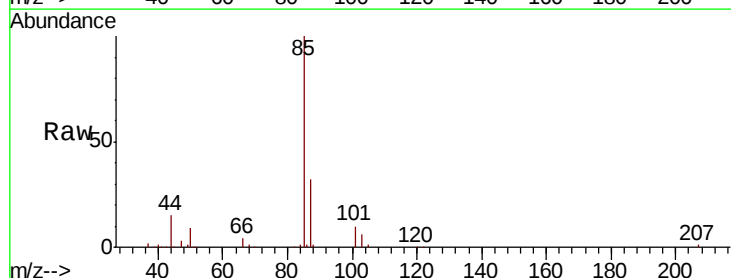
Acq: 13 Nov 2018 13:30

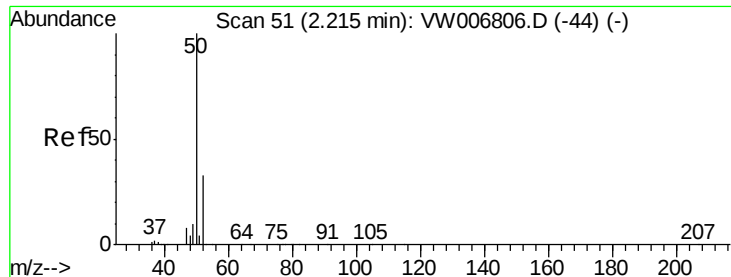
Tgt Ion: 85 Resp: 65309

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.4





#3

Chloromethane

Concen: 21.255 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 50 Resp: 69768

Ion Ratio Lower Upper

50 100

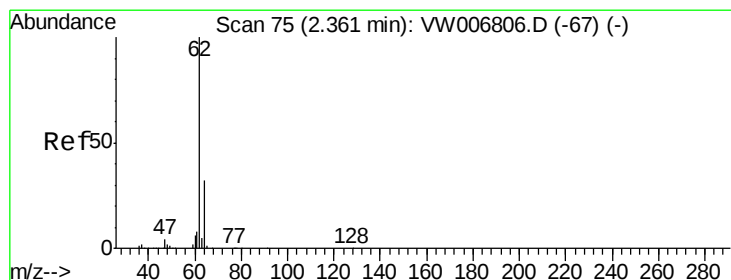
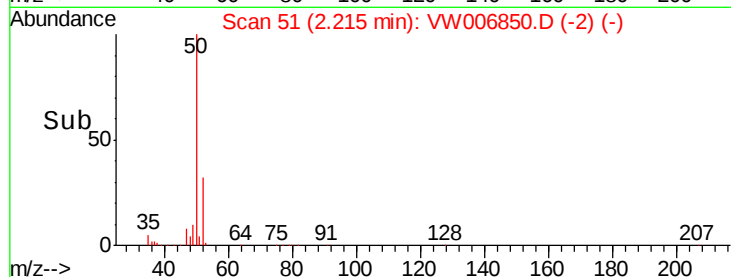
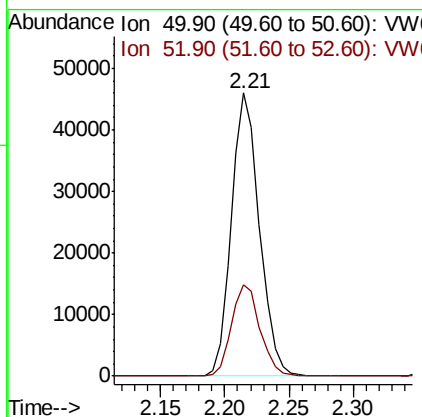
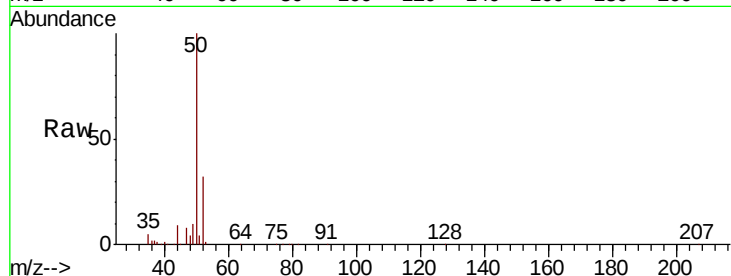
52 32.1 26.2 39.4

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#4

Vinyl Chloride

Concen: 20.944 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006850.D

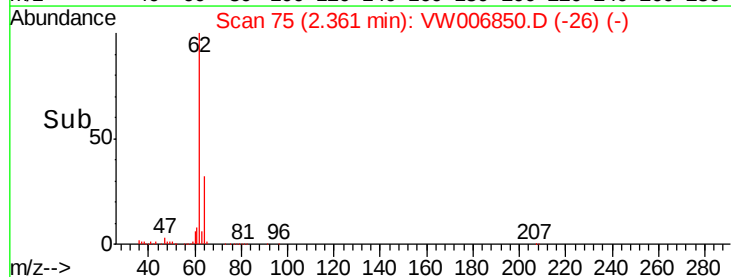
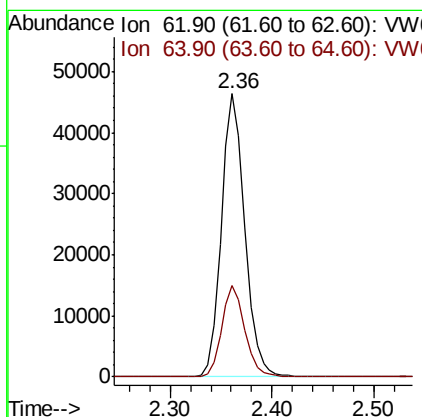
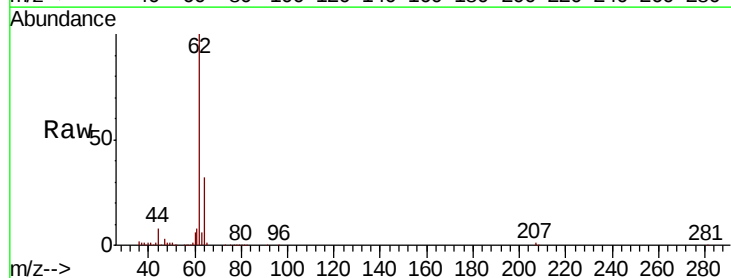
Acq: 13 Nov 2018 13:30

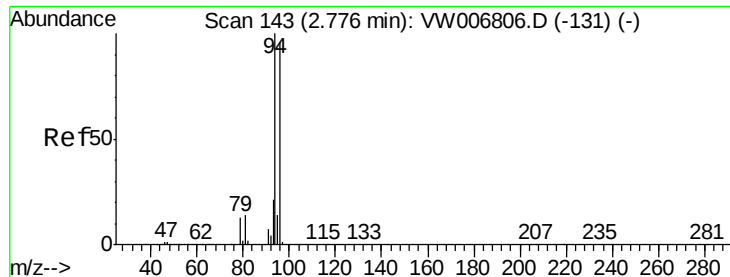
Tgt Ion: 62 Resp: 73798

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4





#5

Bromomethane

Concen: 22.057 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 94 Resp: 52287

Ion Ratio Lower Upper

94 100

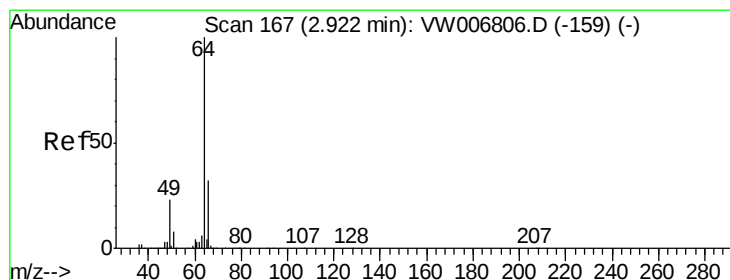
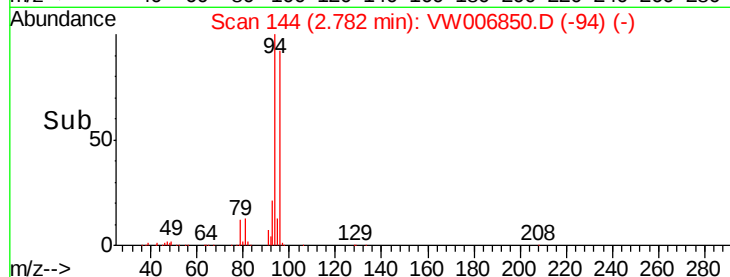
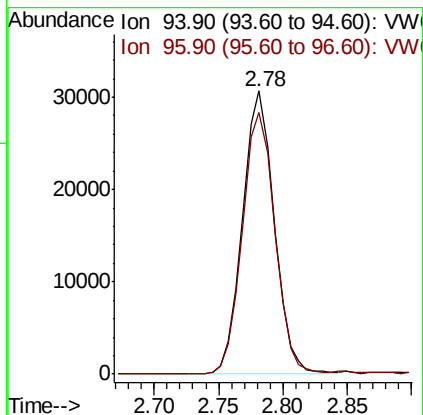
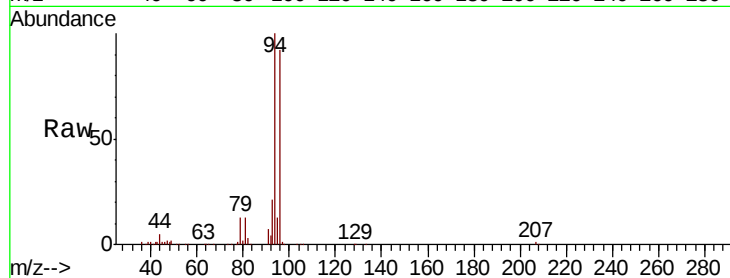
96 92.1 76.8 115.2

Manual Integrations

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#6

Chloroethane

Concen: 19.892 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006850.D

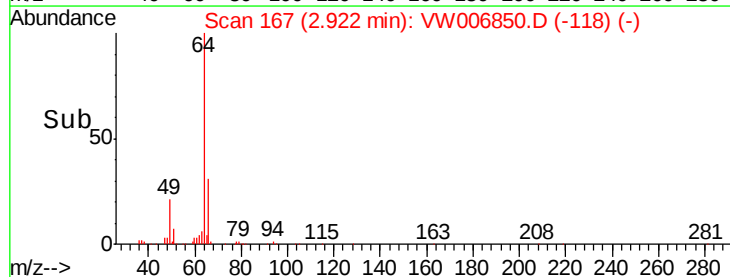
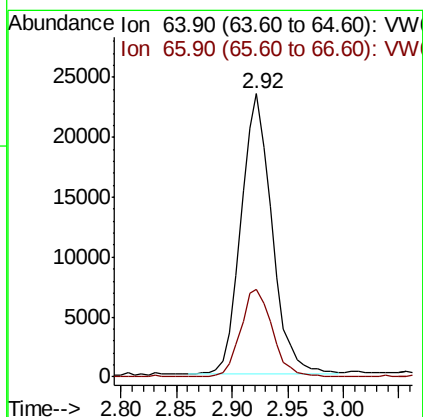
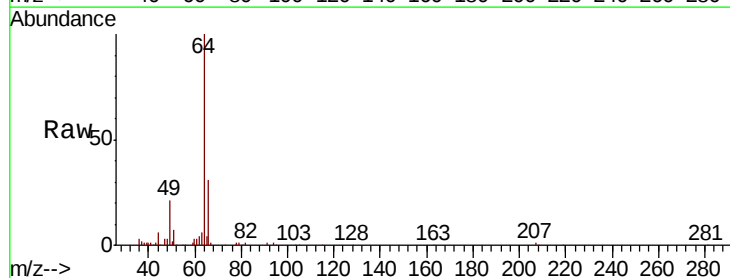
Acq: 13 Nov 2018 13:30

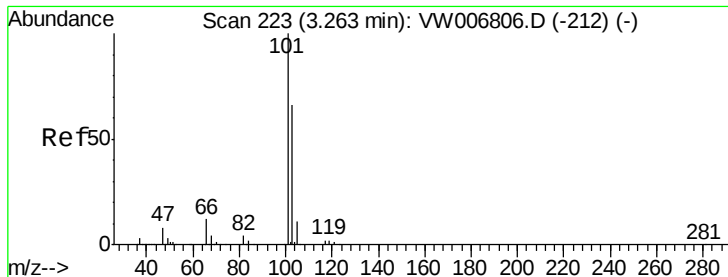
Tgt Ion: 64 Resp: 45229

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3





#7

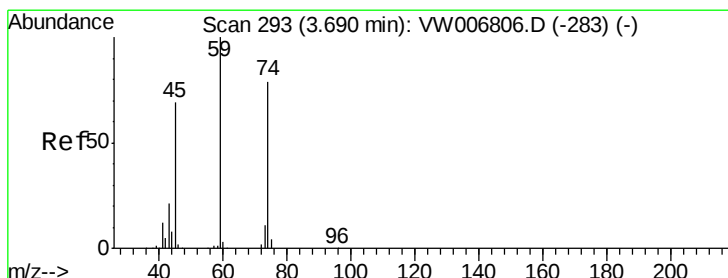
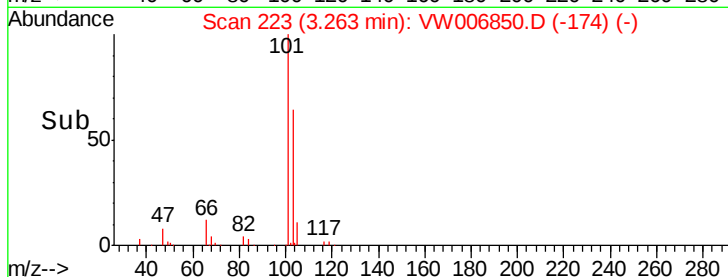
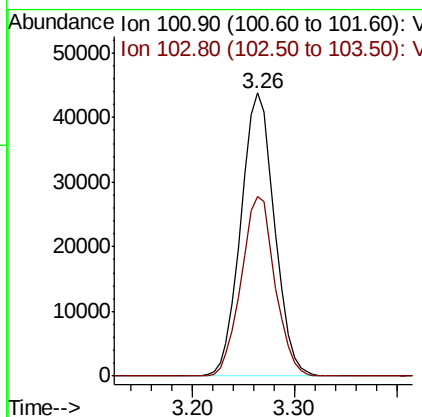
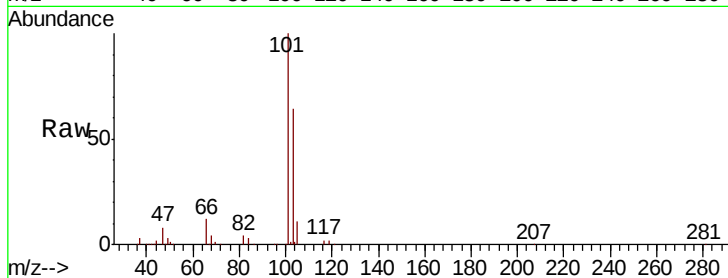
Trichlorofluoromethane
Concen: 21.583 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

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MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.6	79.0

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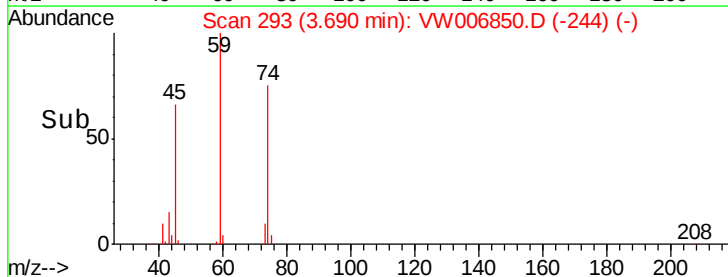
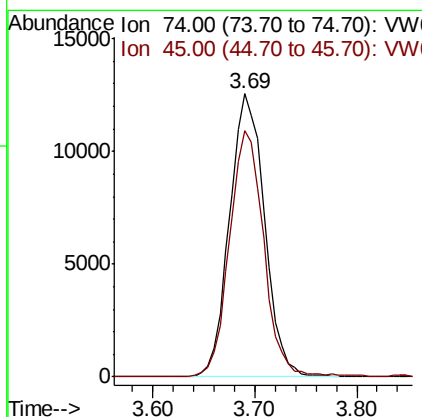
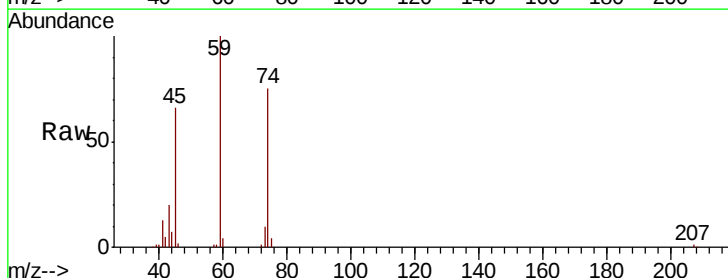
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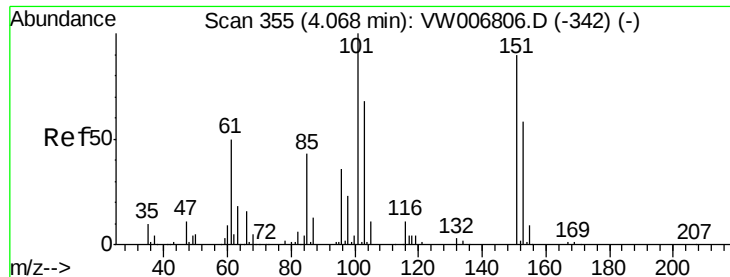


#8

Diethyl Ether
Concen: 21.871 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.2	43.1	129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.268 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006850.D

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Instrument :

MSVOA_W

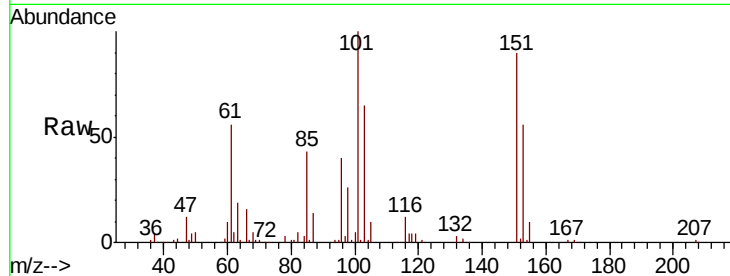
ClientSampleId :

VW1113SBS01

Tot Ion:	101	Resp:	67074
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.8	50.8
151	91.2	71.4	107.0

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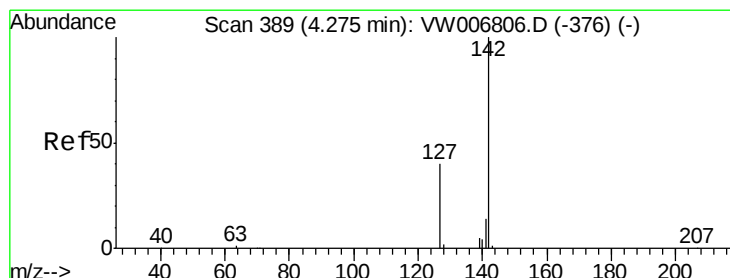
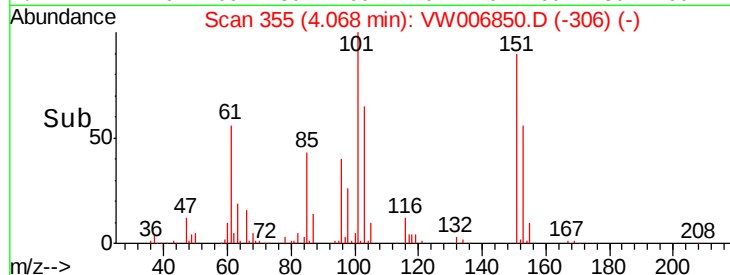
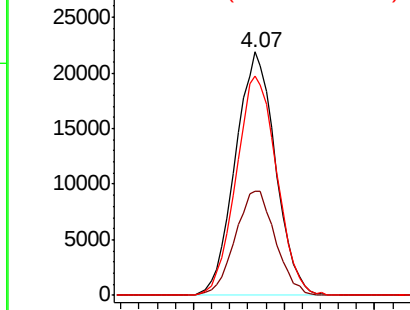


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.413 ug/l

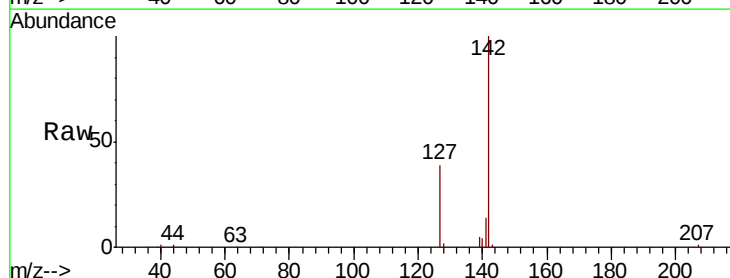
RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Tgt Ion:	142	Resp:	81389
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.8	47.8
141	14.3	11.5	17.3

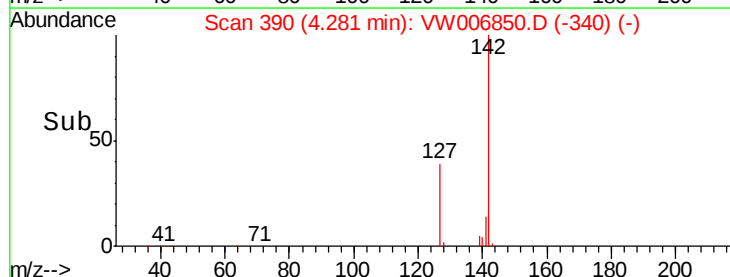
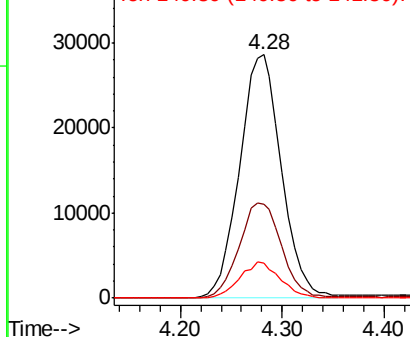


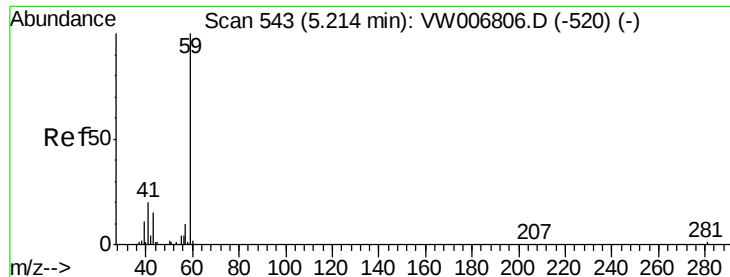
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

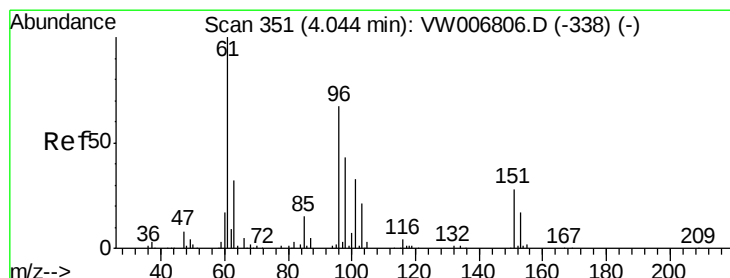
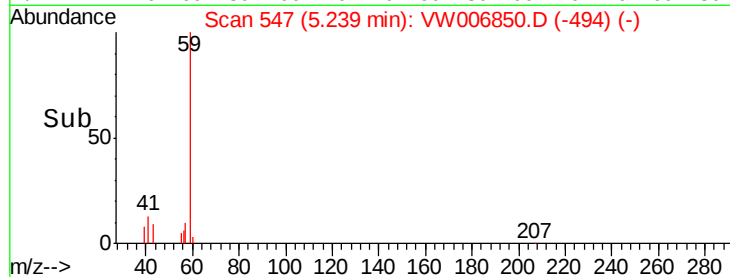
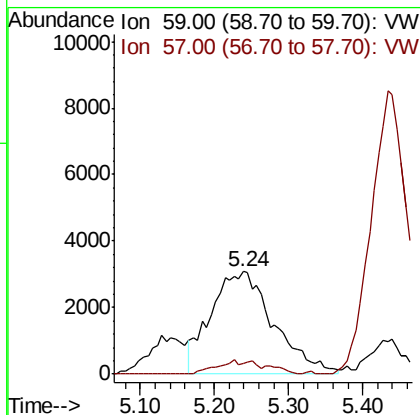
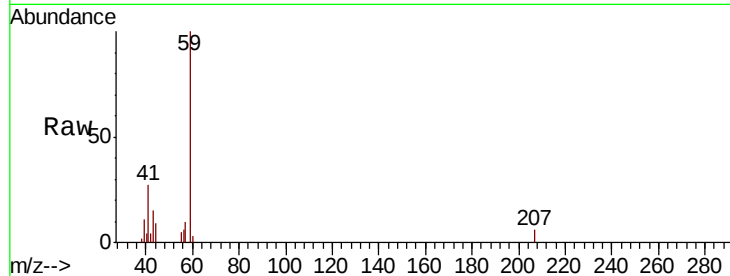
Tert butyl alcohol
 Concen: 107.280 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. 0.02 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.3	12.5#

Manual Integrations
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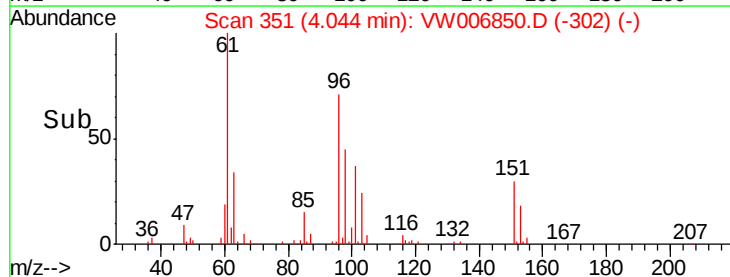
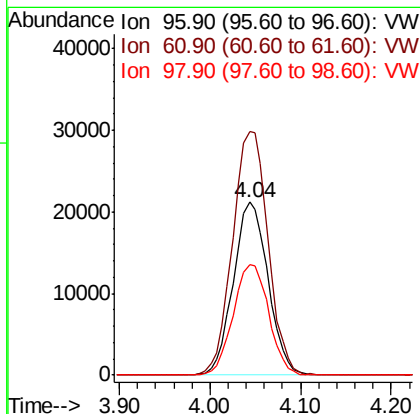
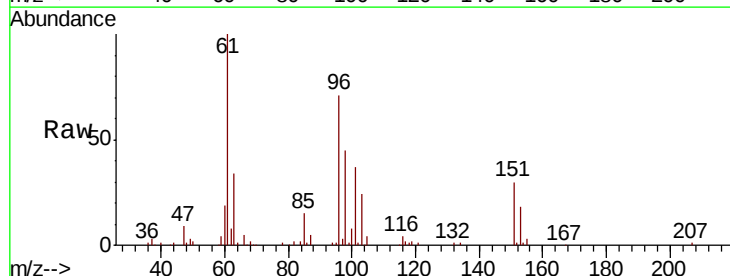
apatel
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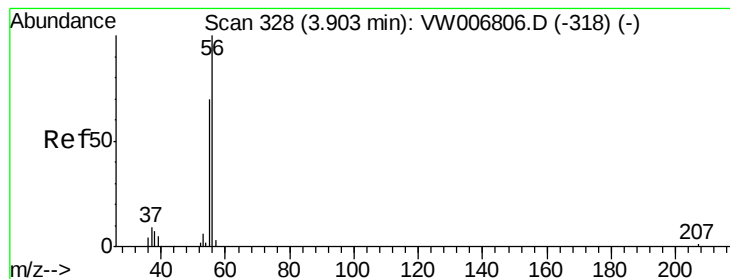


#12

1,1-Dichloroethene
 Concen: 21.077 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.8	119.8	179.6
98	63.8	51.5	77.3





#13

Acrolein

Concen: 115.292 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 56 Resp: 20407

Ion Ratio Lower Upper

56 100

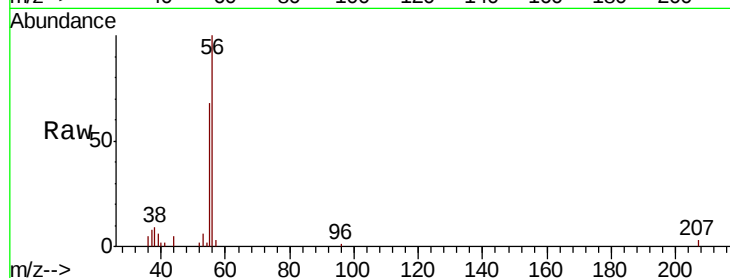
55 70.4 56.1 84.1

Manual Integrations

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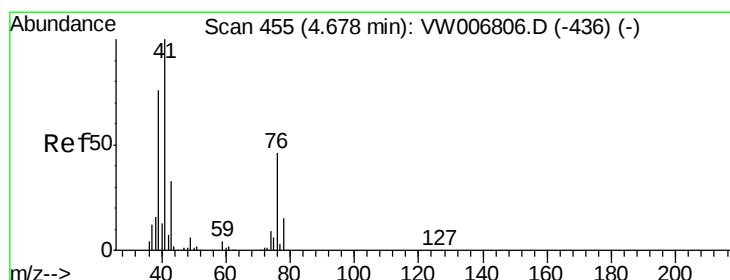
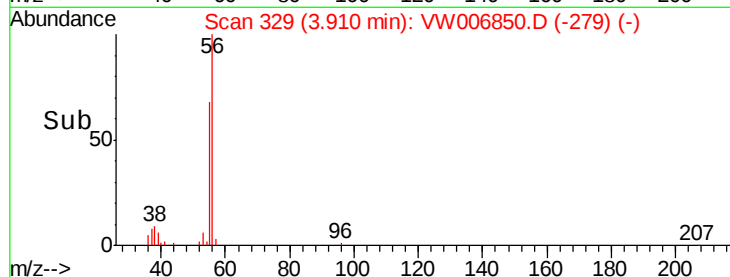
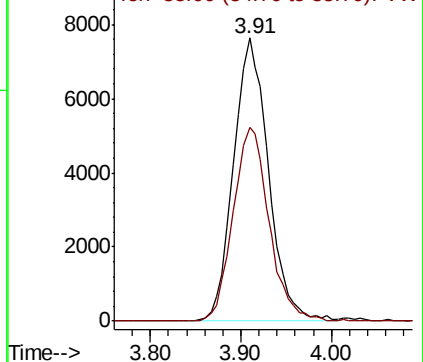
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.975 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

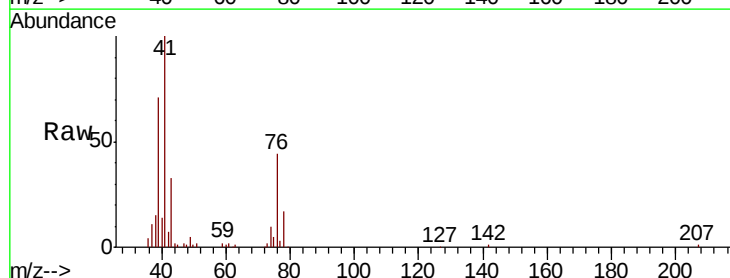
Tgt Ion: 41 Resp: 73492

Ion Ratio Lower Upper

41 100

39 73.0 58.9 88.3

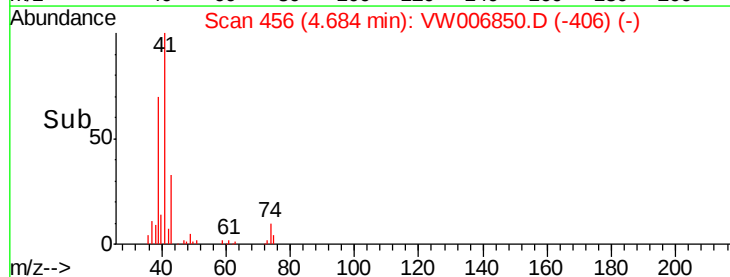
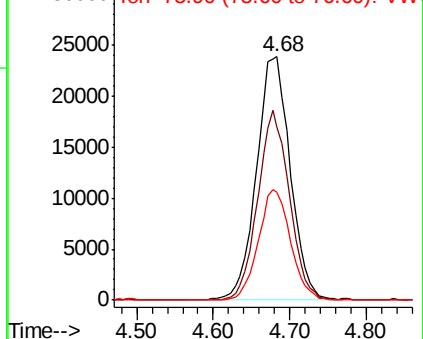
76 43.2 34.4 51.6

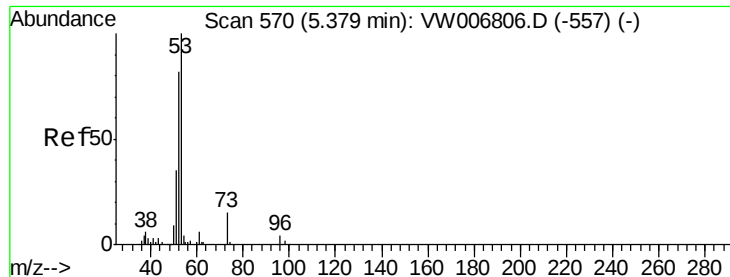


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 105.007 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

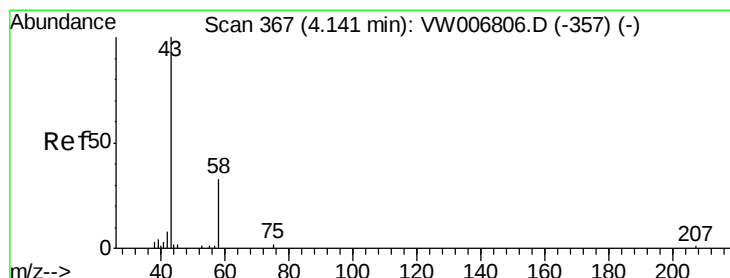
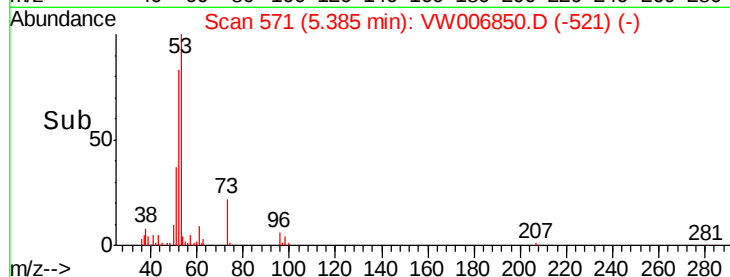
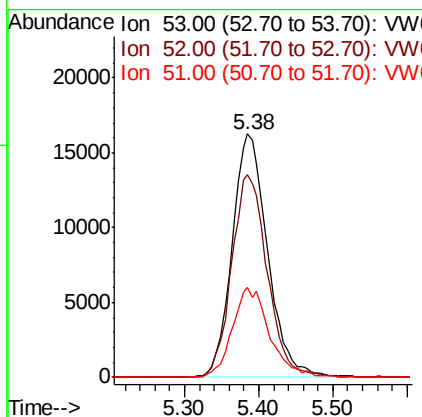
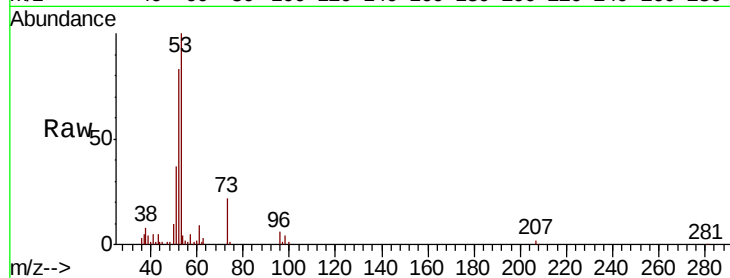
ClientSampleId :

VW1113SBS01

Tot Ion:	53	Resp:	54275
Ion Ratio	Lower	Upper	
53	100		
52	83.8	65.2	97.8
51	38.8	30.0	45.0

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#16

Acetone

Concen: 102.755 ug/l

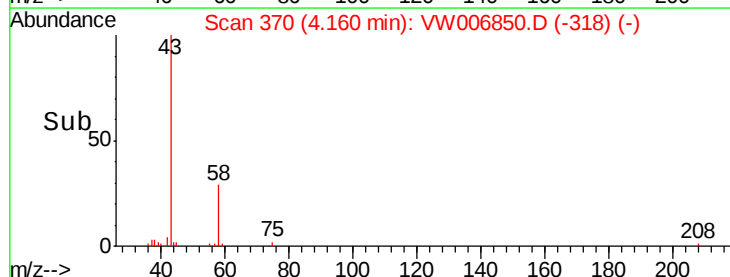
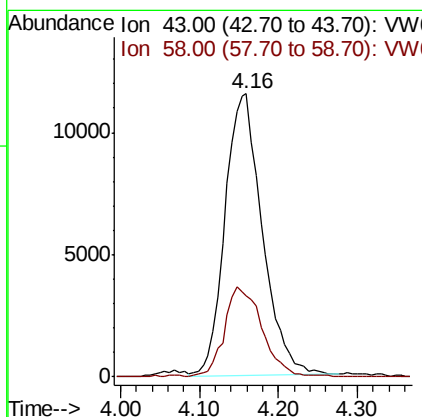
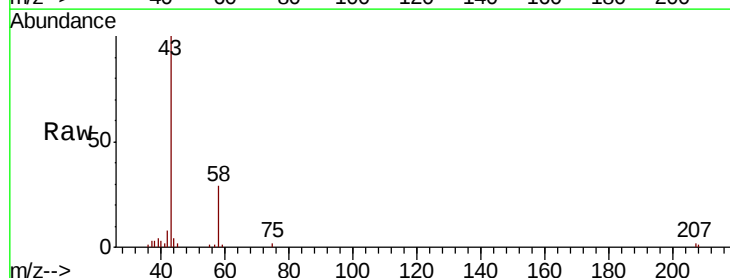
RT: 4.16 min Scan# 370

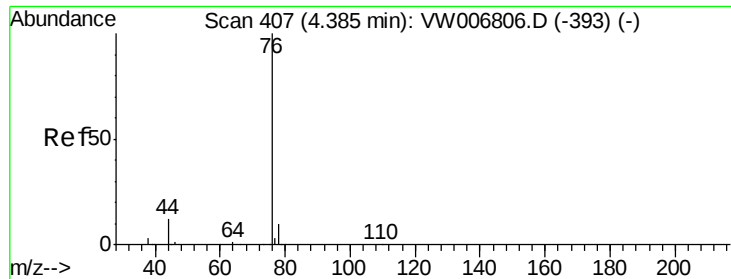
Delta R.T. 0.02 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Tgt Ion:	43	Resp:	38047
Ion Ratio	Lower	Upper	
43	100		
58	29.1	26.5	39.7





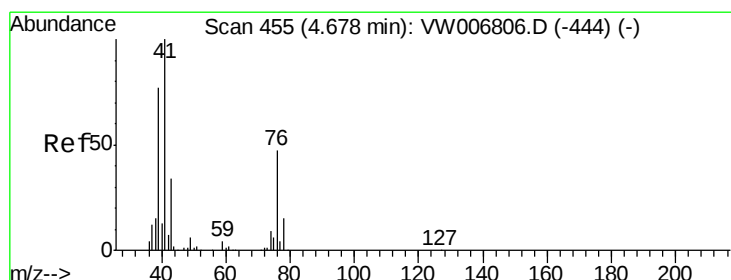
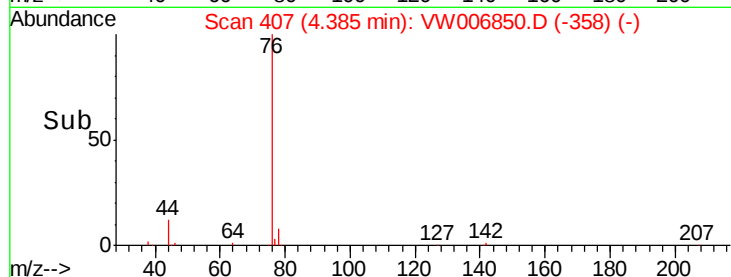
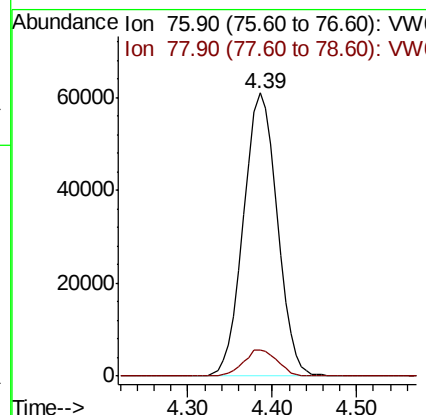
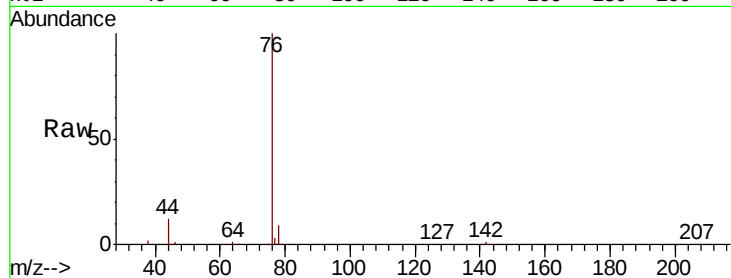
#17
Carbon Disulfide
Concen: 19.665 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.6	11.4

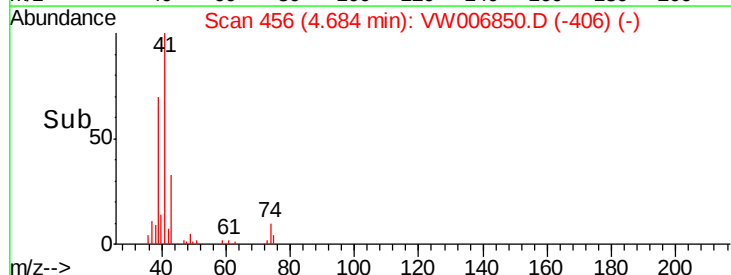
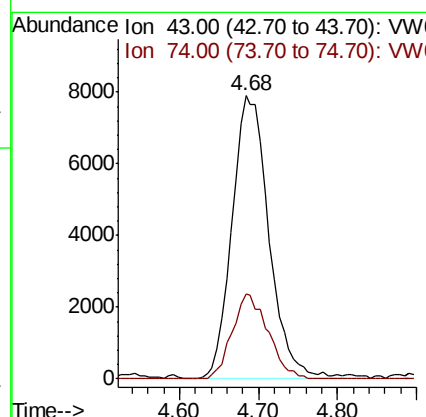
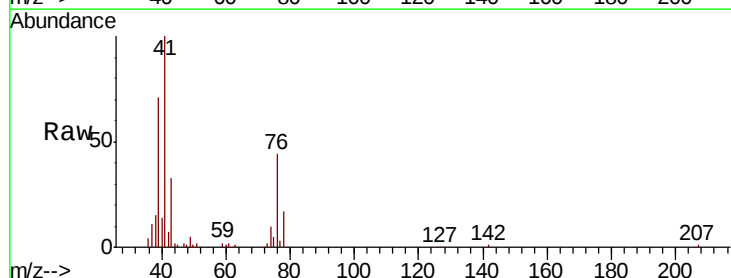
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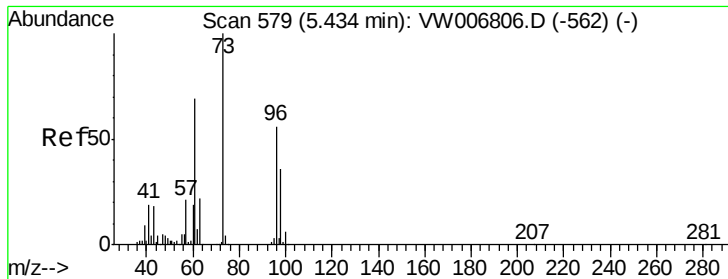
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#18
Methyl Acetate
Concen: 20.326 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.1	21.9	32.9





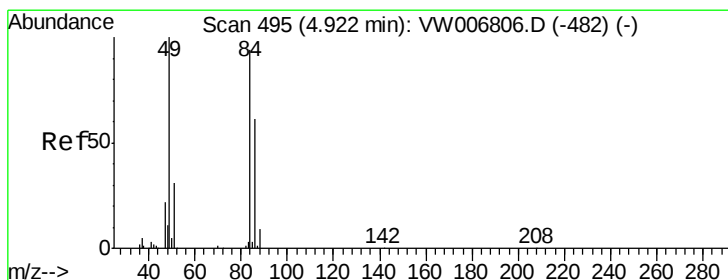
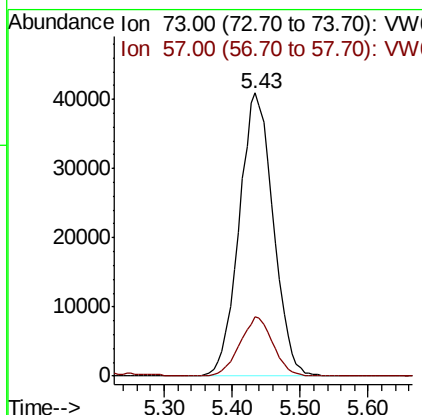
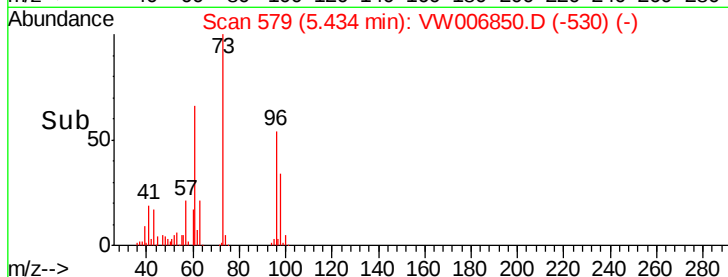
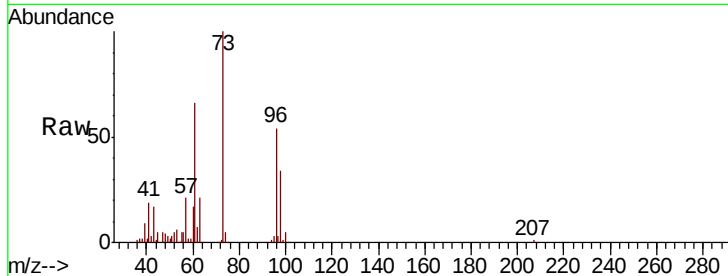
#19
Methvl tert-butvl Ether
Concen: 22.585 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.8	25.2

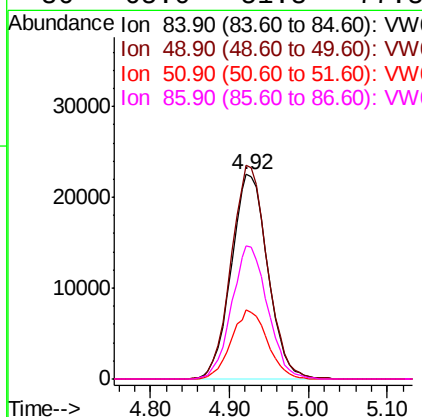
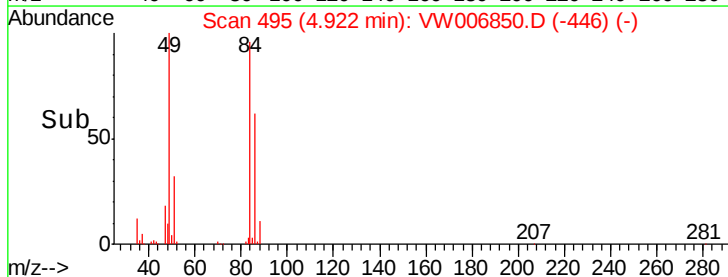
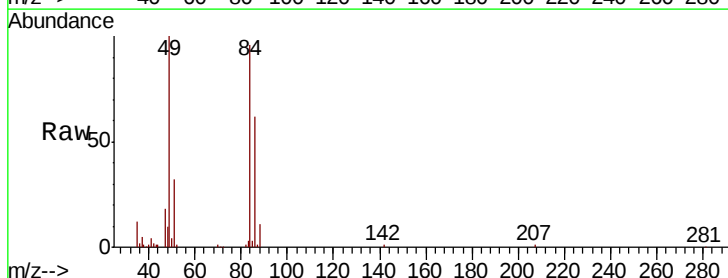
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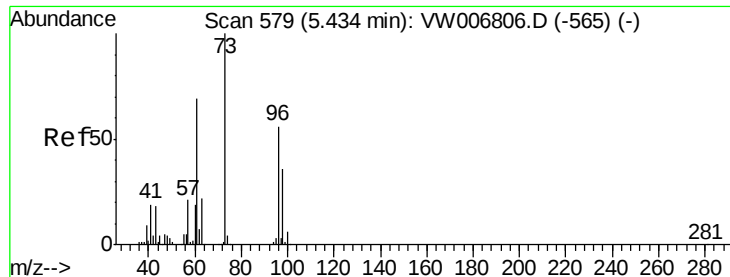
apatel
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#20
Methylene Chloride
Concen: 18.215 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.5	84.8	127.2
51	33.5	26.2	39.4
86	65.0	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 20.903 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

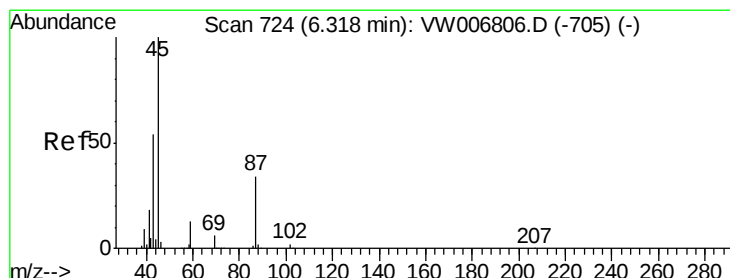
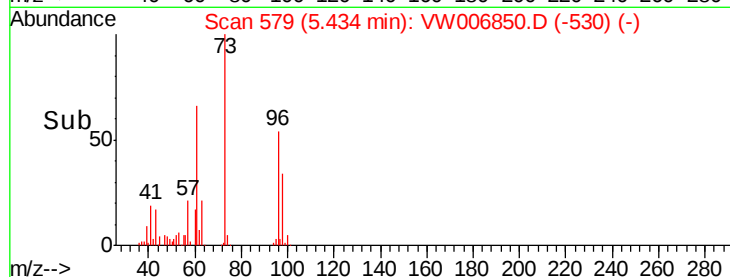
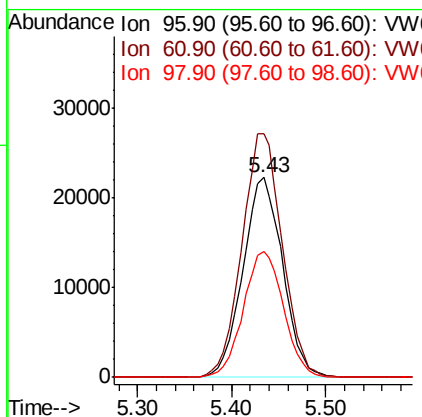
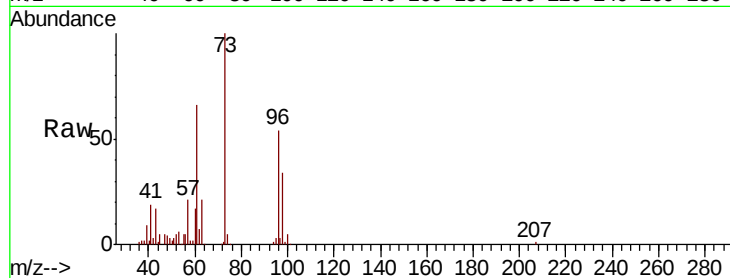
ClientSampleId :

VW1113SBSD01

Tot Ion:	96	Resp:	65671
Ion	Ratio	Lower	Upper
96	100		
61	121.9	98.7	148.1
98	62.8	51.2	76.8

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#22

Diisopropyl ether

Concen: 20.967 ug/l

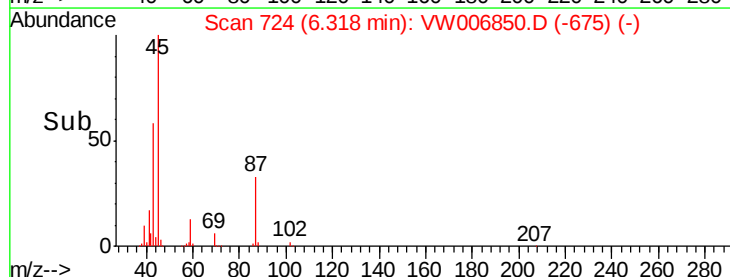
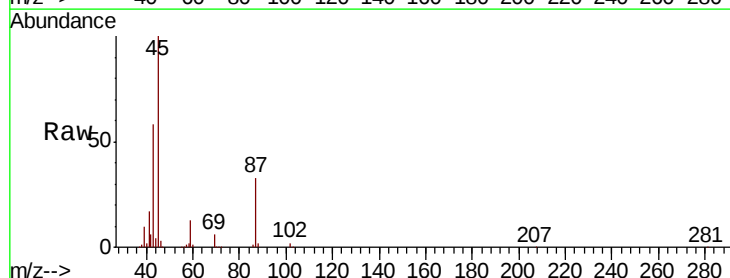
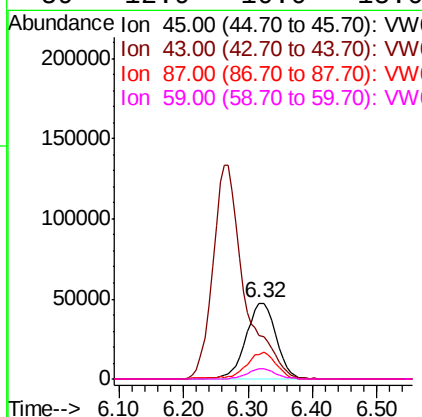
RT: 6.32 min Scan# 724

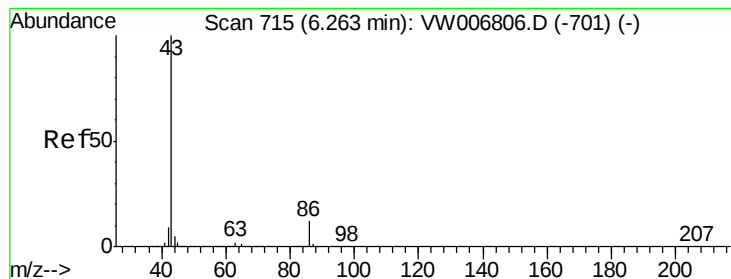
Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Tgt Ion:	45	Resp:	152572
Ion	Ratio	Lower	Upper
45	100		
43	57.6	43.7	65.5
87	32.7	27.2	40.8
59	12.9	10.0	15.0





#23

Vinyl Acetate

Concen: 110.857 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 43 Resp: 454759

Ion Ratio Lower Upper

43 100

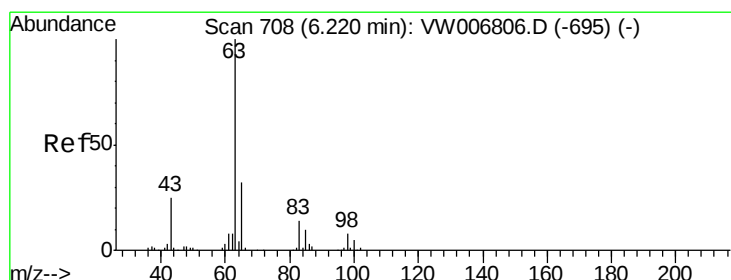
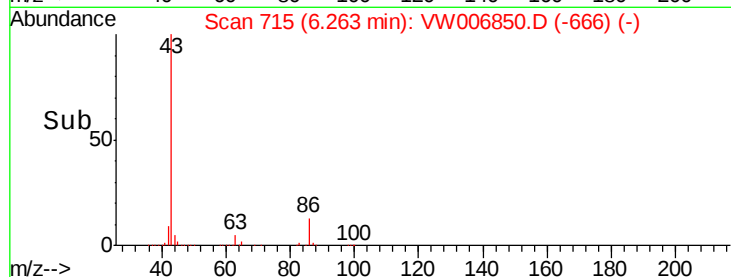
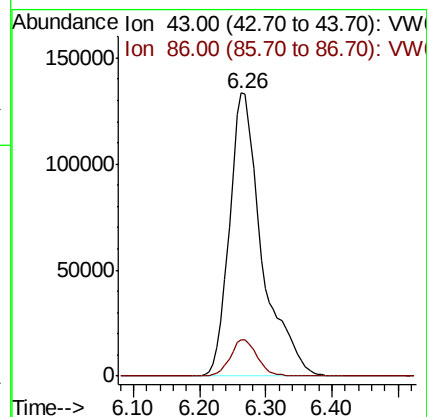
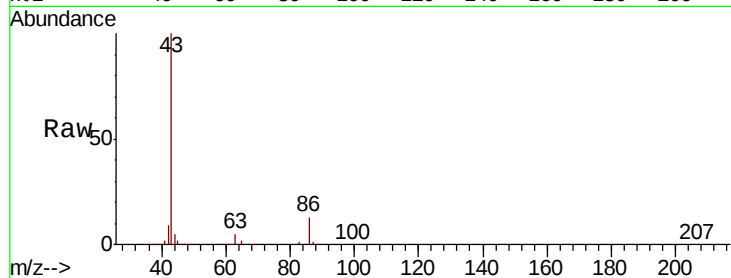
86 12.8 9.6 14.4

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#24

1,1-Dichloroethane

Concen: 20.539 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

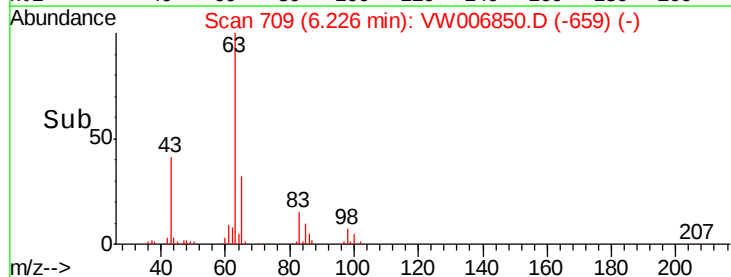
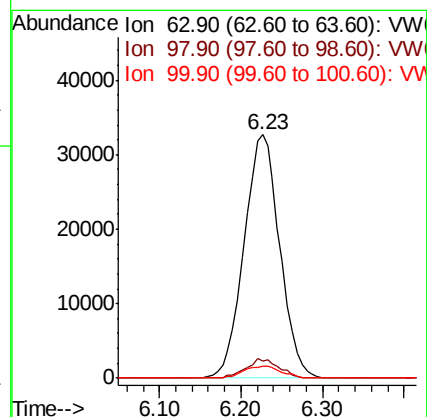
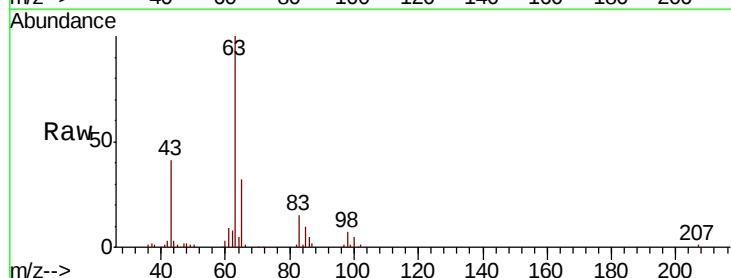
Tgt Ion: 63 Resp: 99123

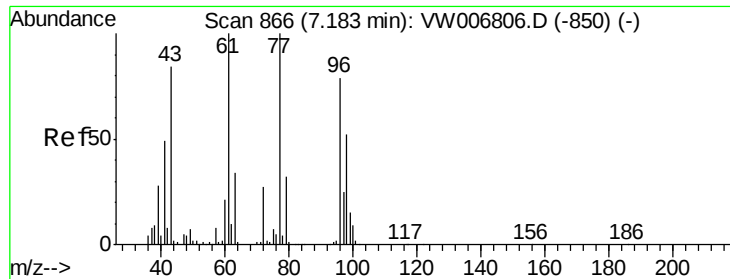
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 107.349 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 43 Resp: 67220

Ion Ratio Lower Upper

43 100

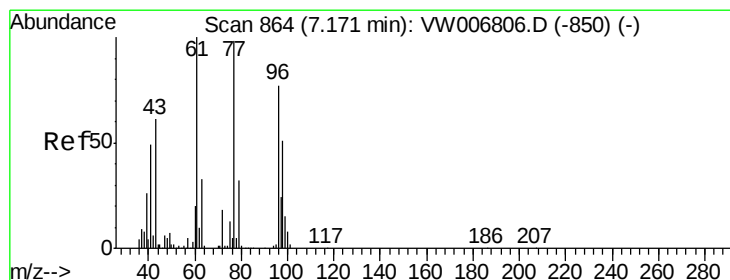
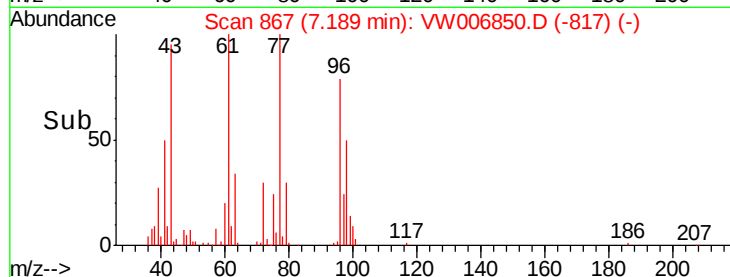
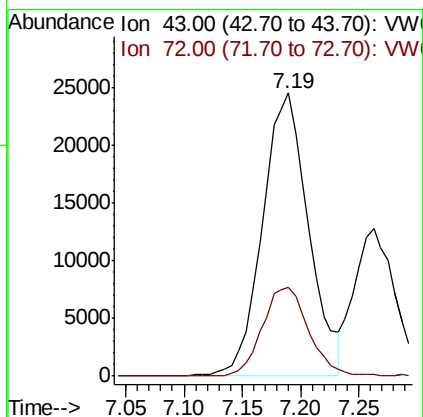
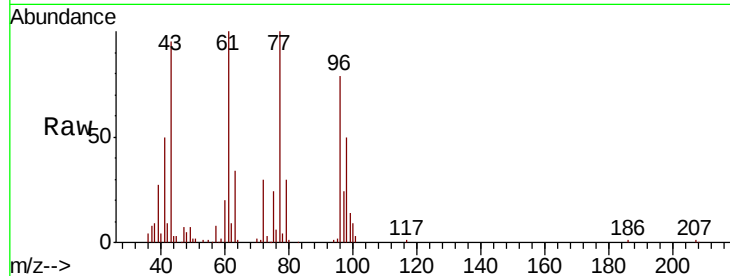
72 31.4 25.3 37.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.142 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006850.D

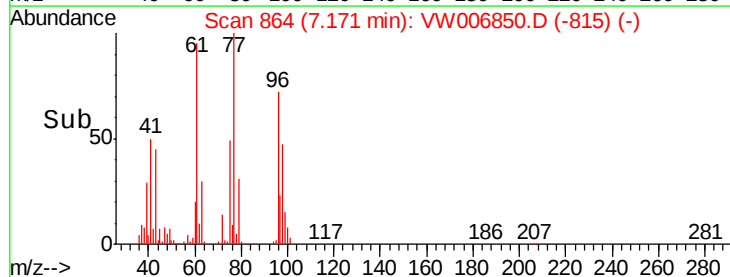
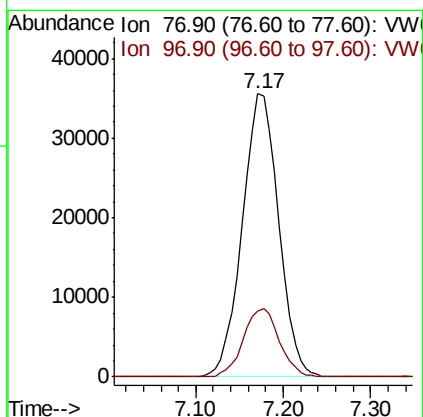
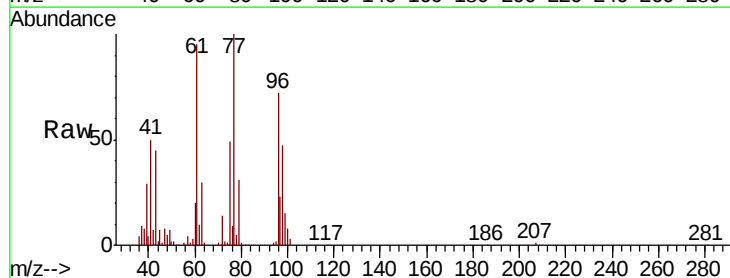
Acq: 13 Nov 2018 13:30

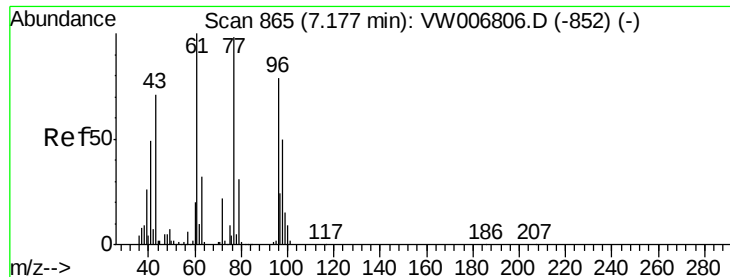
Tgt Ion: 77 Resp: 102663

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1





#27

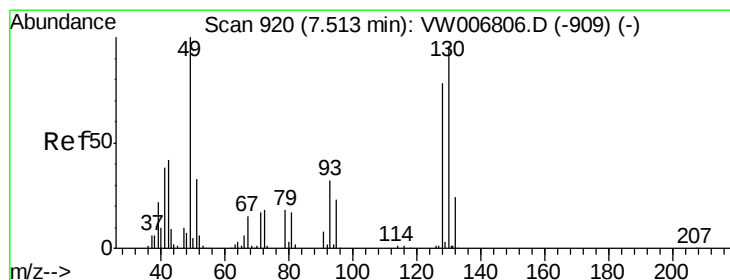
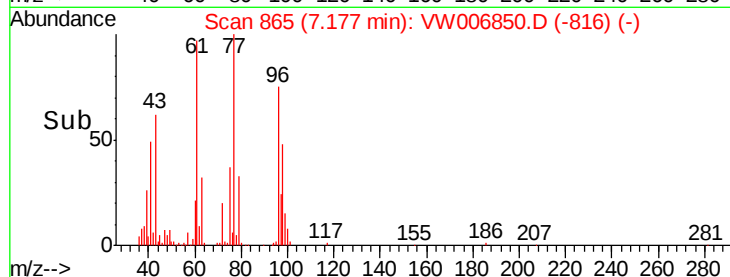
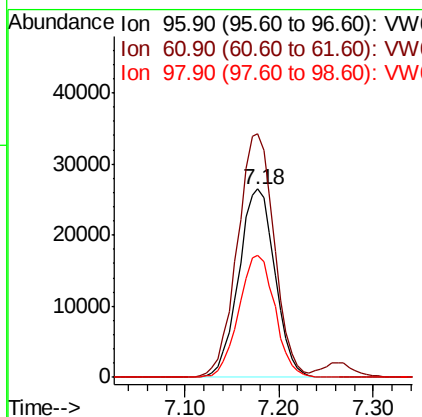
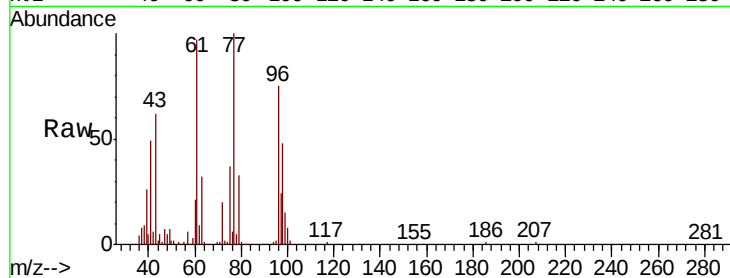
cis-1,2-Dichloroethene
 Concen: 21.225 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	264.0
98	64.3	0.0	131.0

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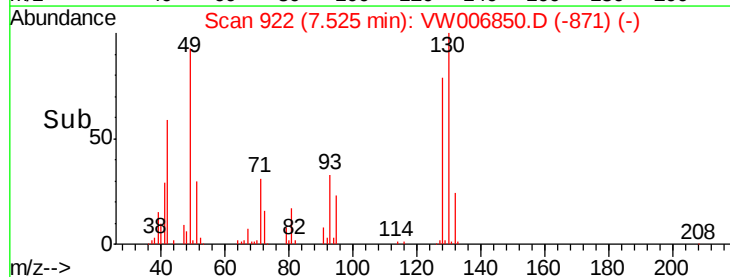
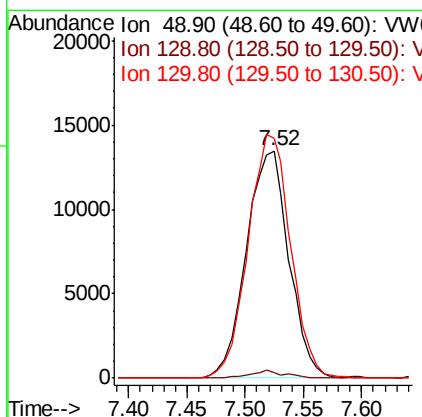
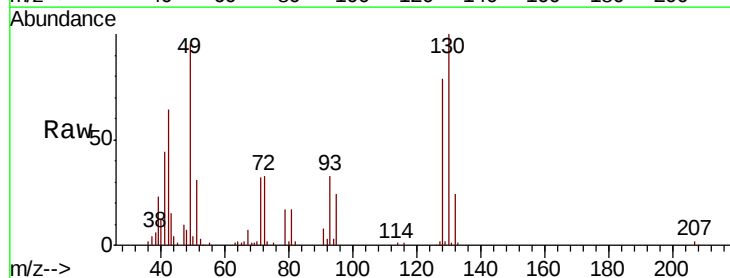
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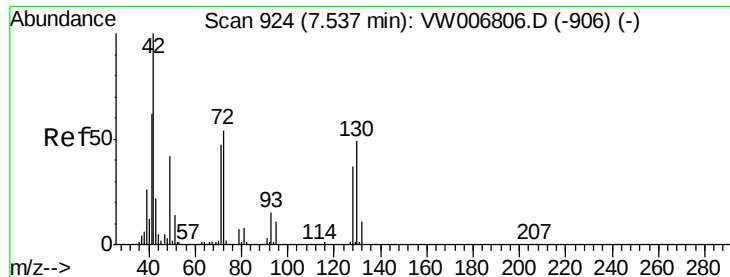


#28

Bromochloromethane
 Concen: 20.188 ug/l
 RT: 7.52 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	107.1	83.3	124.9





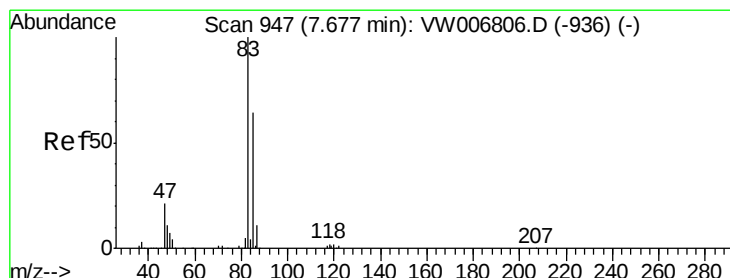
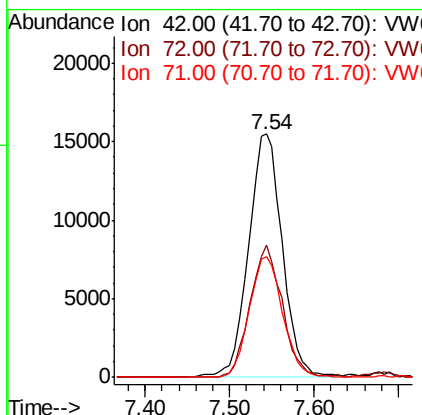
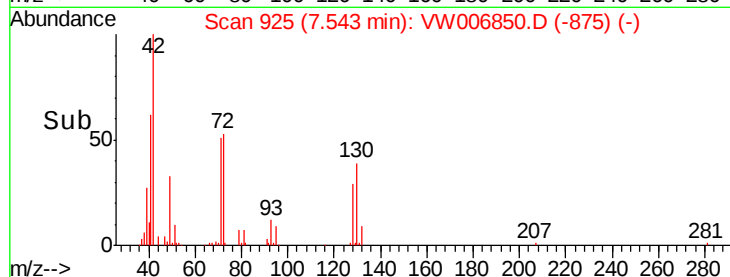
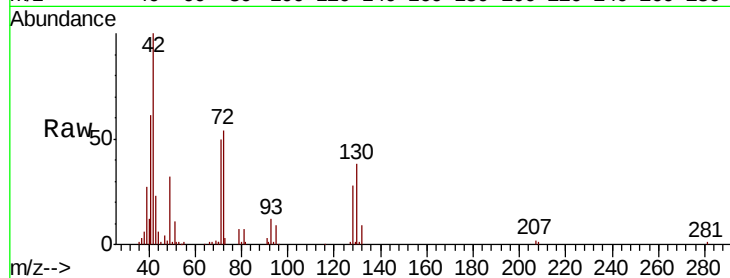
#29
Tetrahydrofuran
Concen: 105.232 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.5	40.9	61.3
71	49.0	36.9	55.3

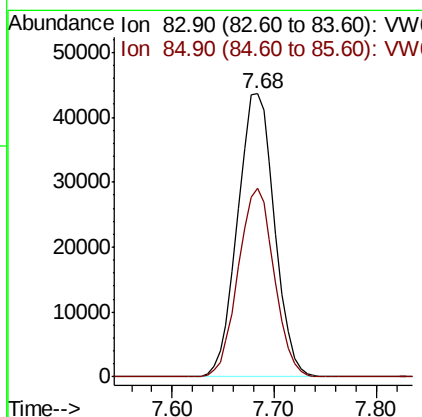
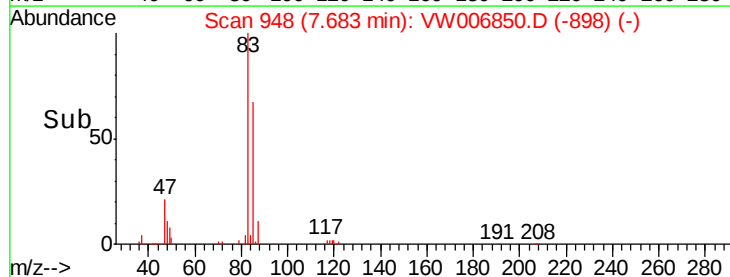
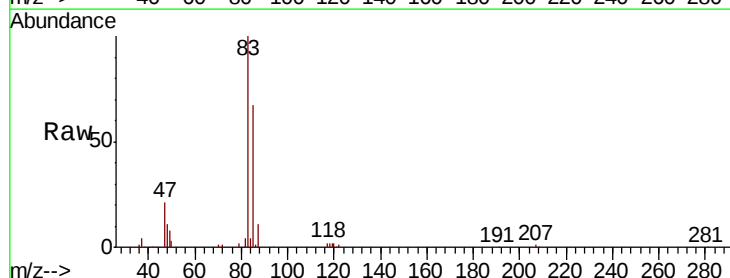
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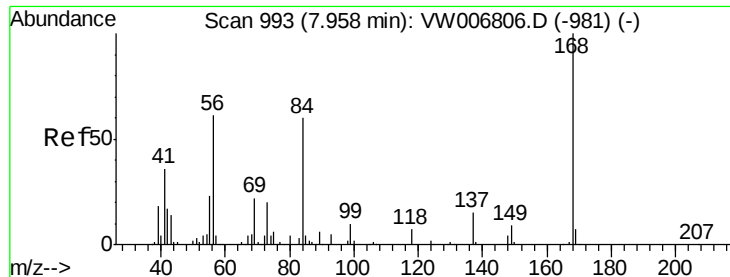
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#30
Chloroform
Concen: 20.784 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.5	77.3





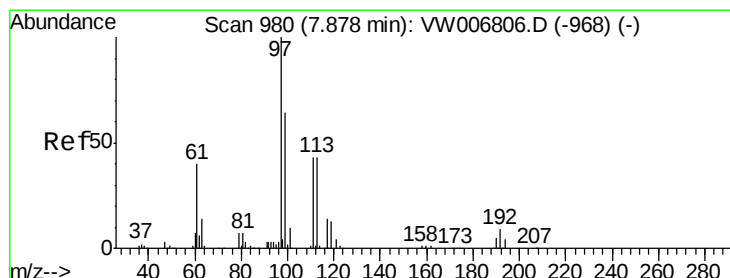
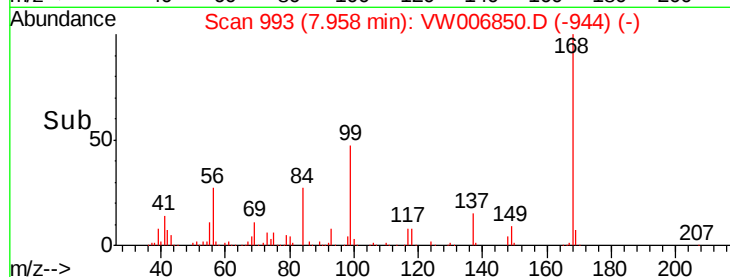
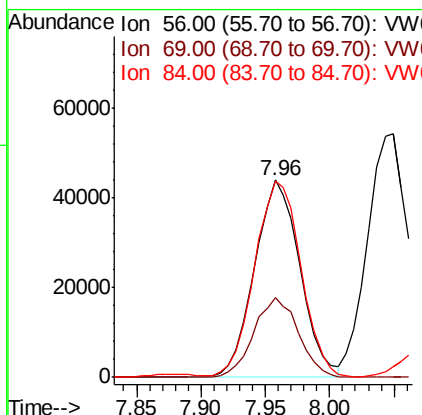
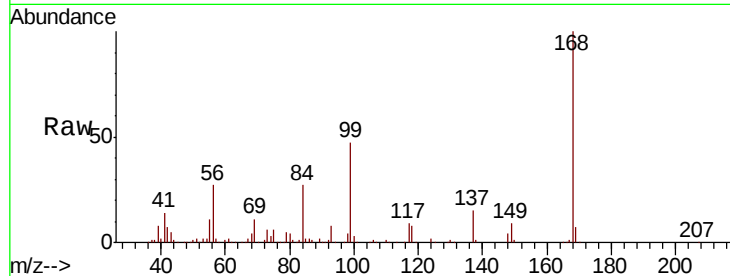
#31
Cyclohexane
Concen: 21.754 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.4	28.9	43.3
84	98.2	79.0	118.4

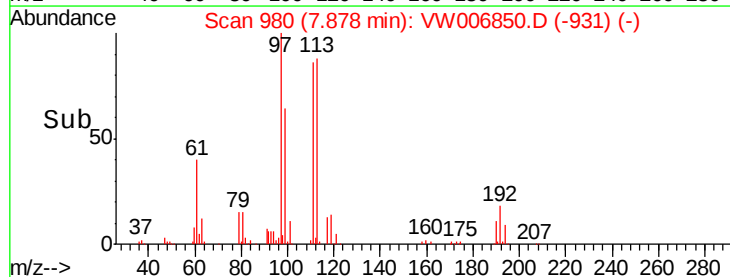
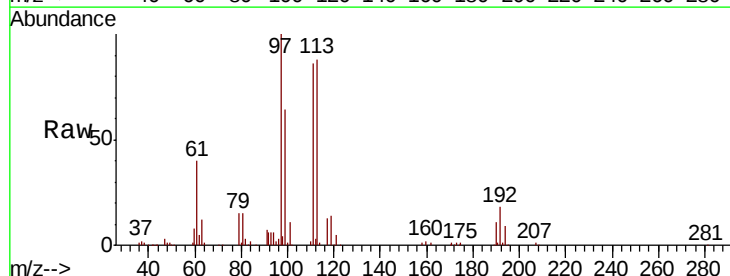
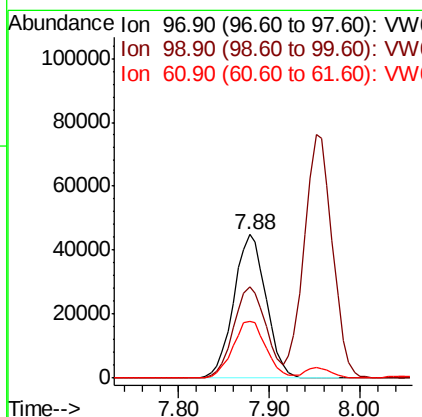
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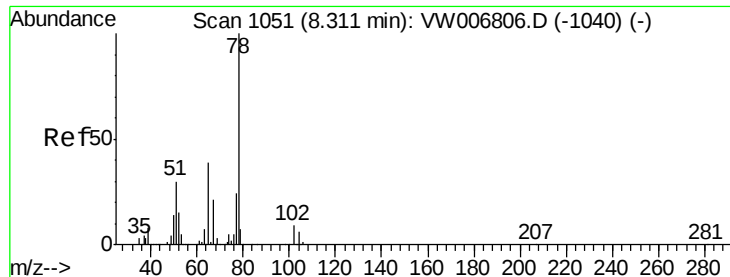
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#32
1,1,1-Trichloroethane
Concen: 21.947 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	40.3	32.2	48.4





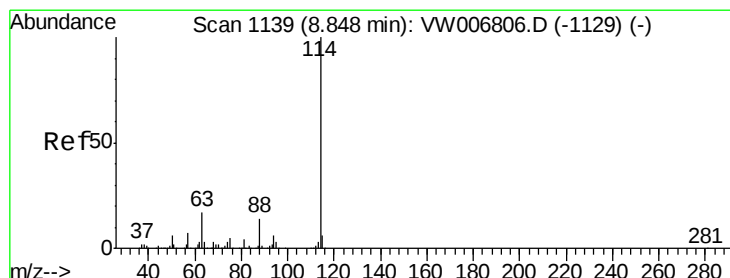
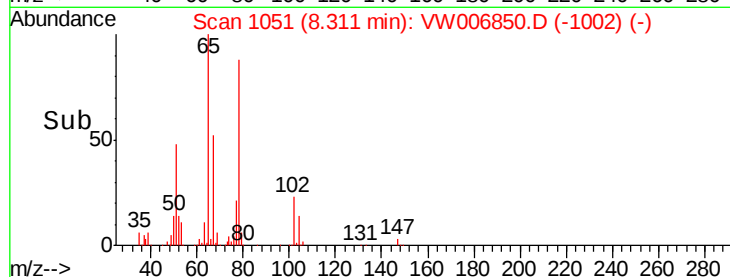
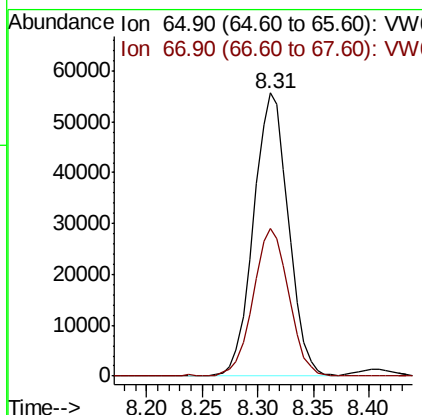
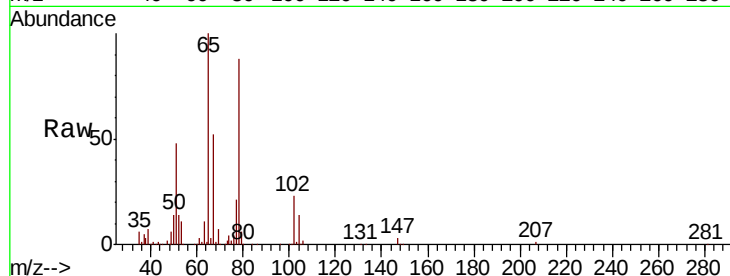
#33
 1,2-Dichloroethane-d4
 Concen: 47.169 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113BSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.0	0.0	104.4	

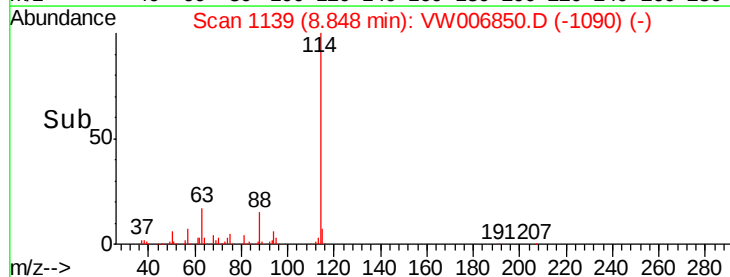
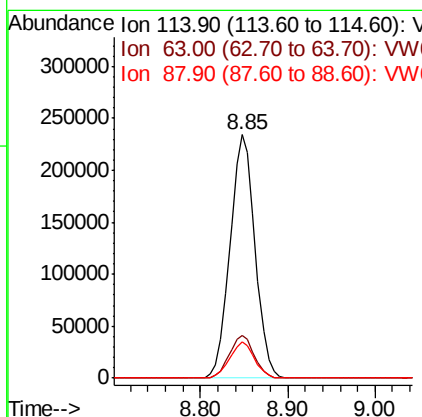
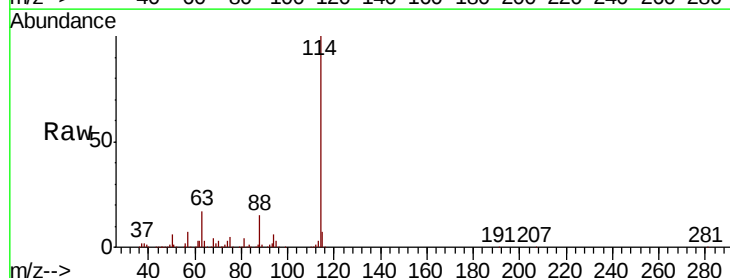
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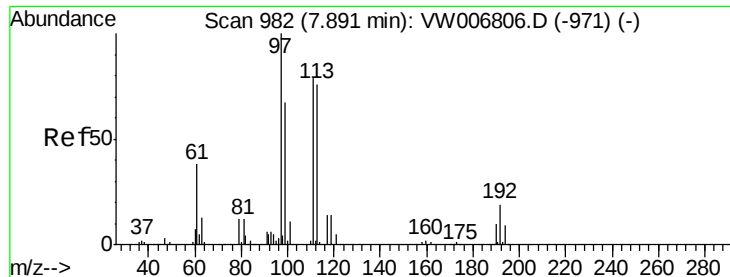
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.4	0.0	33.6	
88	14.9	0.0	28.4	





#35

Dibromofluoromethane

Concen: 46.472 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

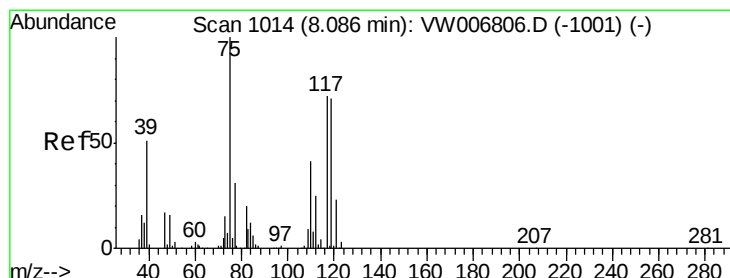
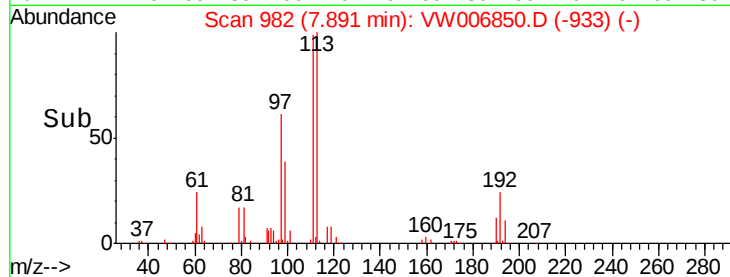
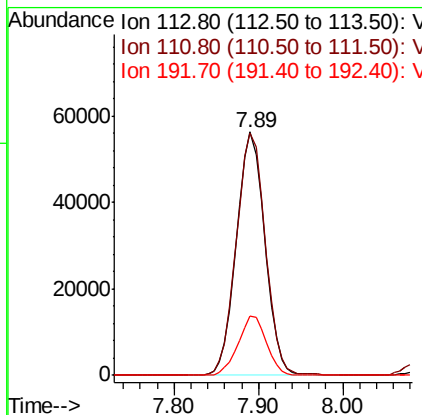
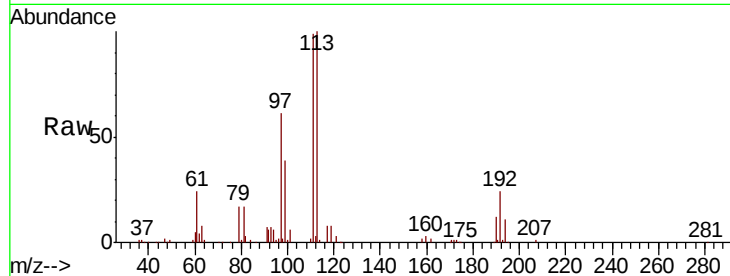
ClientSampleId :

VW1113SBS01

Tot Ion:	113	Resp:	128384
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.0	121.6
192	24.1	19.0	28.6

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#36

1,1-Dichloropropene

Concen: 22.119 ug/l

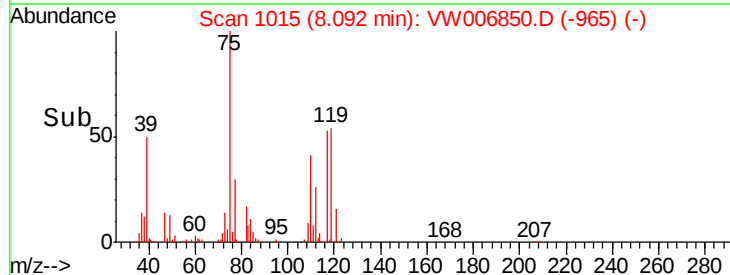
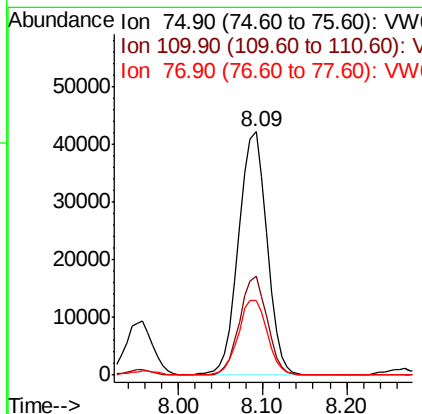
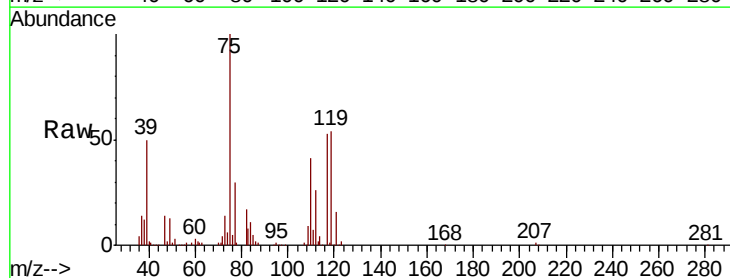
RT: 8.09 min Scan# 1015

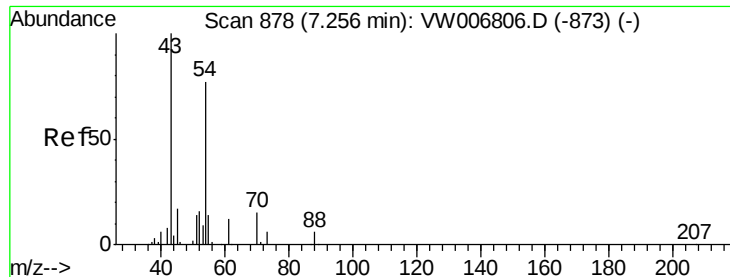
Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Tgt Ion:	75	Resp:	96029
Ion Ratio	Lower	Upper	
75	100		
110	39.2	19.9	59.6
77	31.4	25.4	38.2





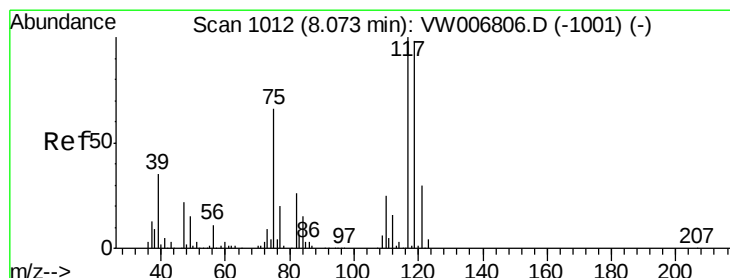
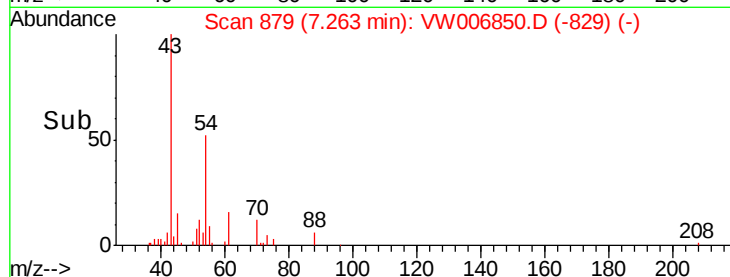
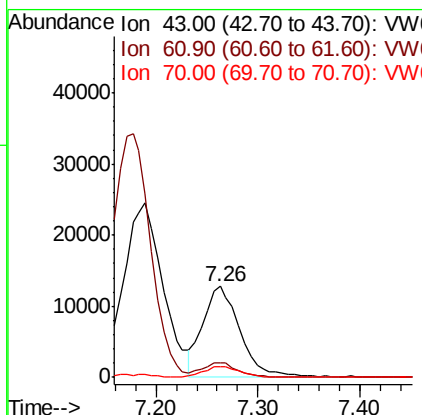
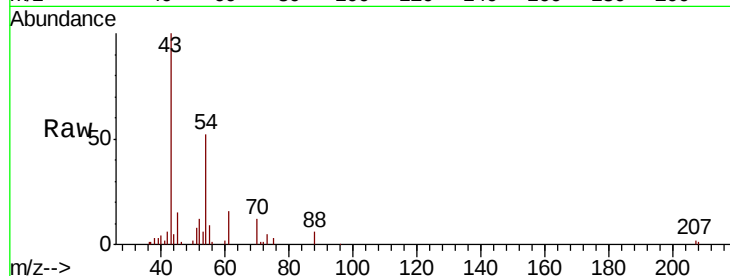
#37
Ethyl Acetate
Concen: 22.648 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.7	17.5
70	11.8	10.0	15.0

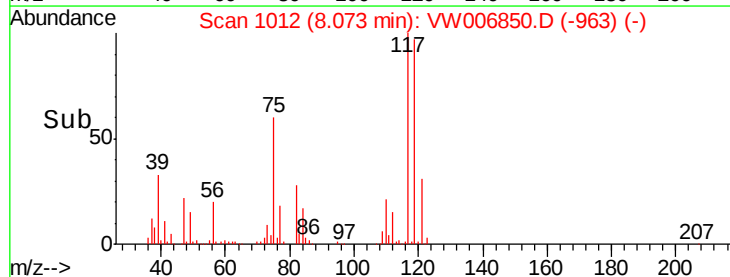
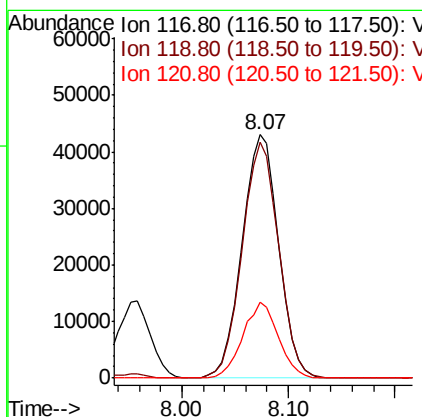
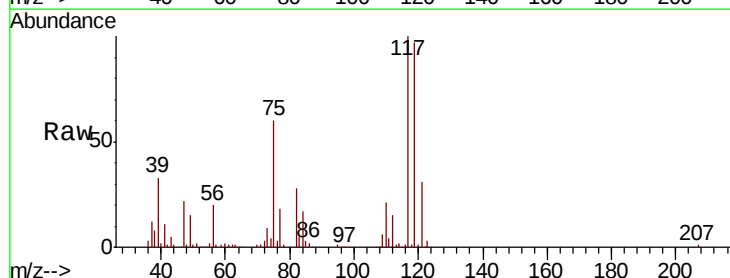
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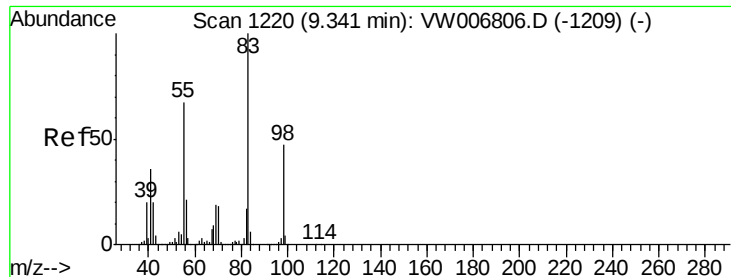
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#38
Carbon Tetrachloride
Concen: 21.989 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.5	117.7
121	31.4	24.2	36.2





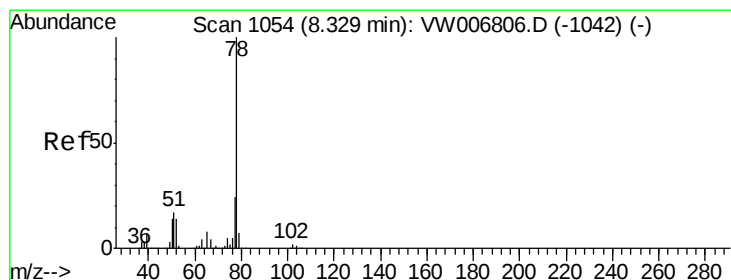
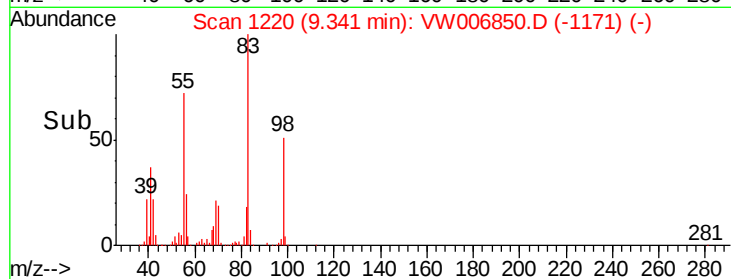
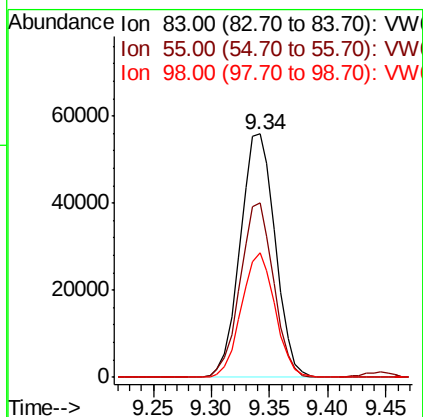
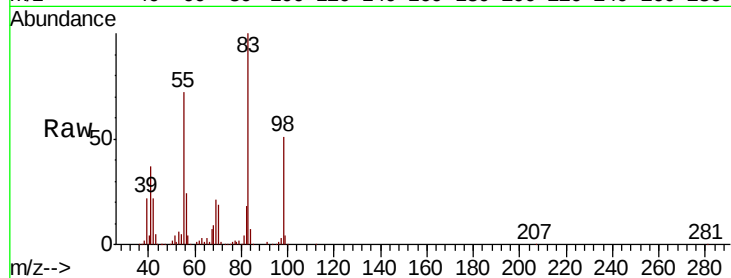
#39
Methvlcvclohexane
Concen: 20.825 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113BSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	53.3	79.9
98	51.1	37.9	56.9

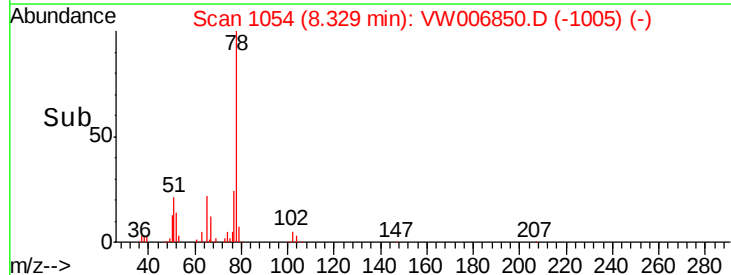
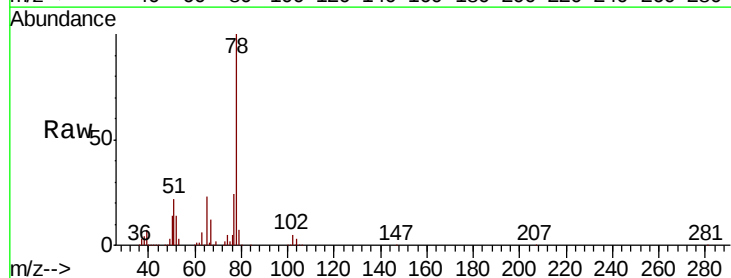
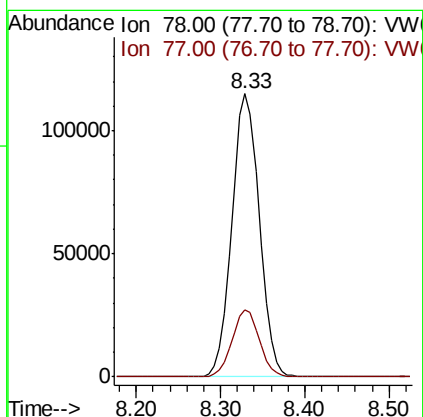
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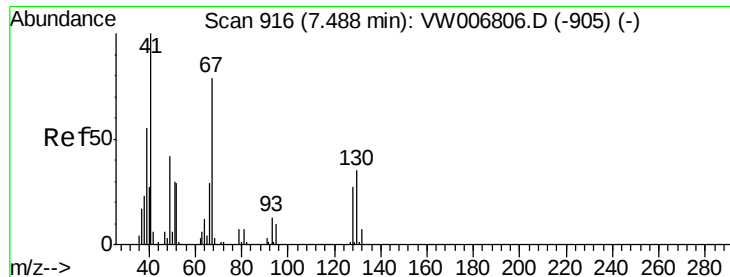
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#40
Benzene
Concen: 20.898 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





#41

Methacrylonitrile

Concen: 20.993 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

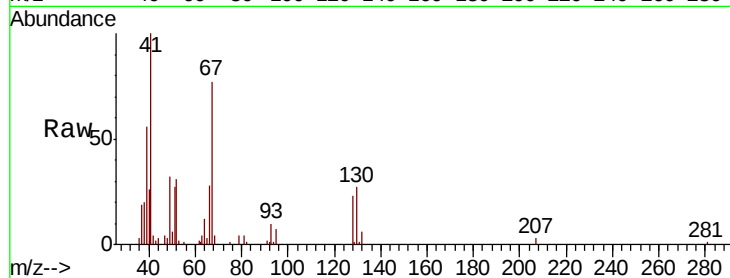
ClientSampleId :

VW1113SBS01

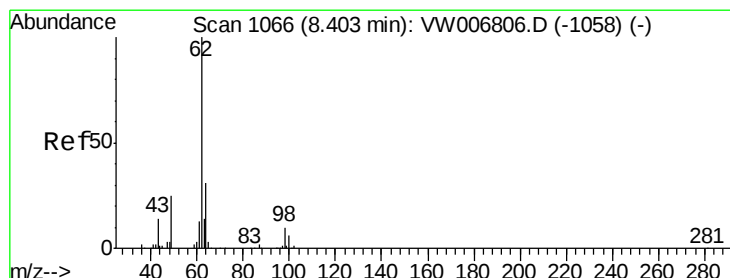
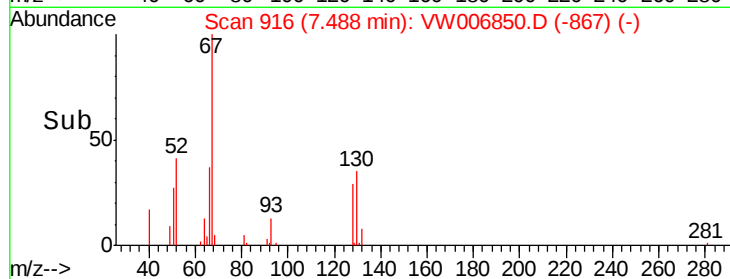
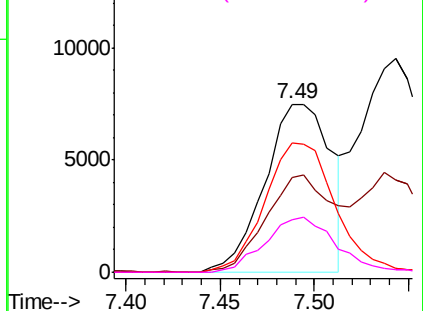
Tot Ion	Ratio	Lower	Upper
41	100		
39	61.8	48.1	72.1
67	81.7	61.4	92.2
52	34.7	23.2	34.8

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



#42

1,2-Dichloroethane

Concen: 21.490 ug/l

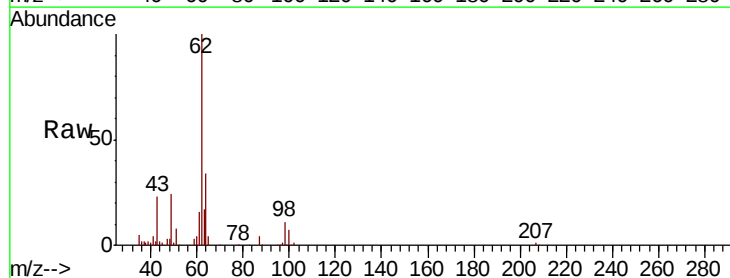
RT: 8.41 min Scan# 1067

Delta R.T. 0.01 min

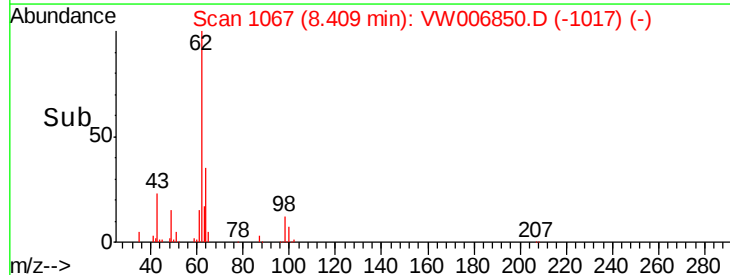
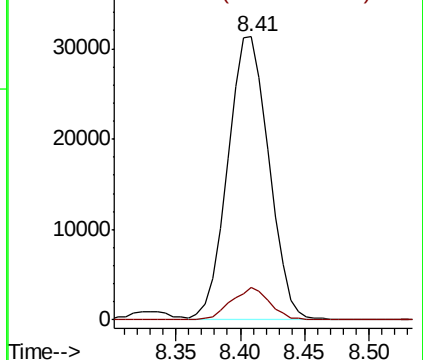
Lab File: VW006850.D

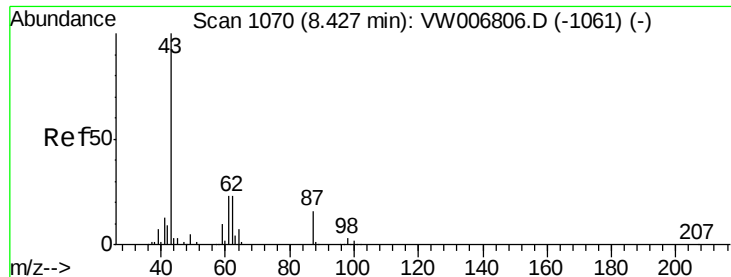
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 21.974 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

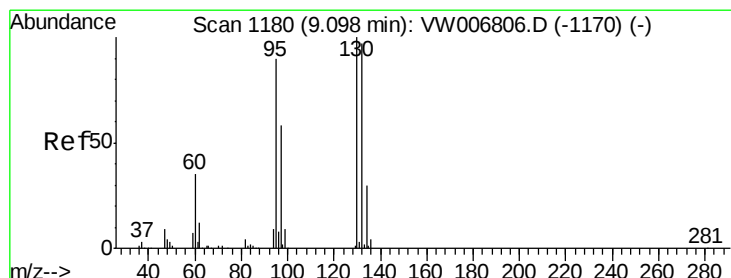
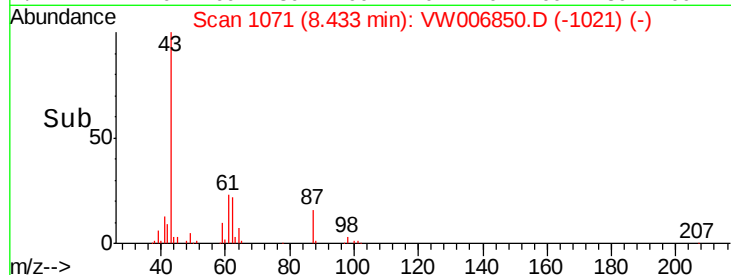
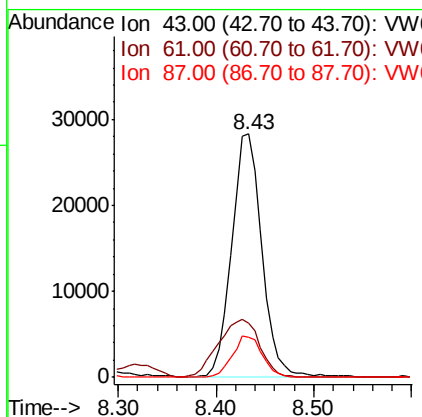
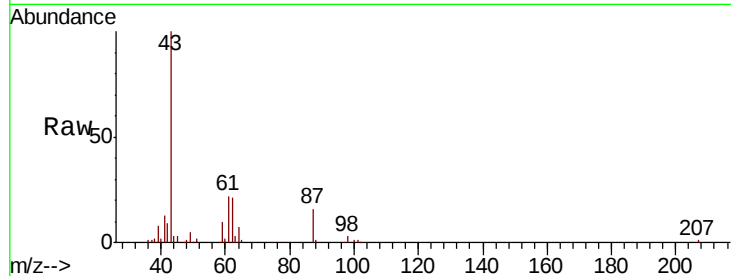
ClientSampleId :

VW1113SBS01

Tot Ion:	43	Resp:	60671
Ion	Ratio	Lower	Upper
43	100		
61	32.7	27.0	40.4
87	16.8	13.0	19.4

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#44

Trichloroethene

Concen: 21.921 ug/l

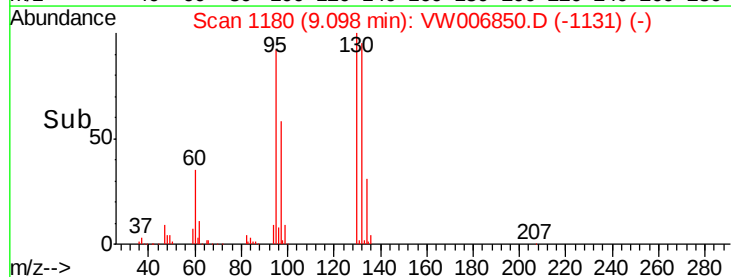
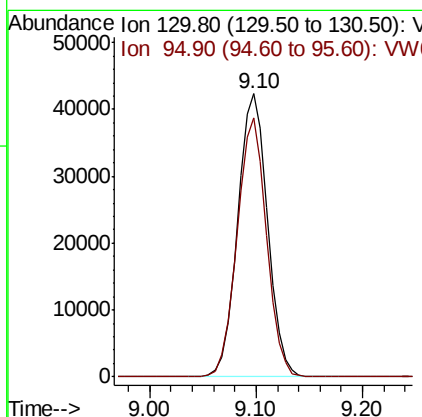
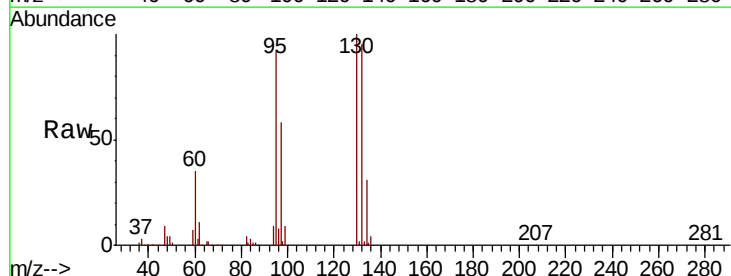
RT: 9.10 min Scan# 1180

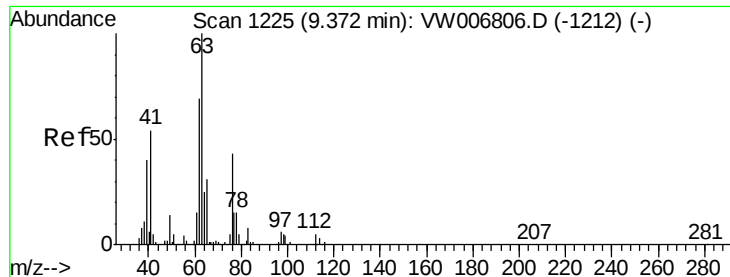
Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Tgt Ion:	130	Resp:	83503
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	180.2





#45

1,2-Dichloropropane

Concen: 21.799 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBSD01

Tot Ion: 63 Resp: 61335

Ion Ratio Lower Upper

63 100

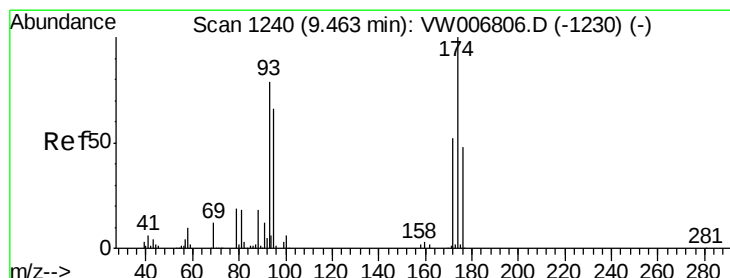
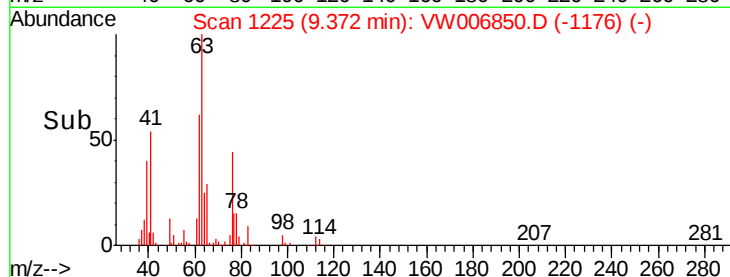
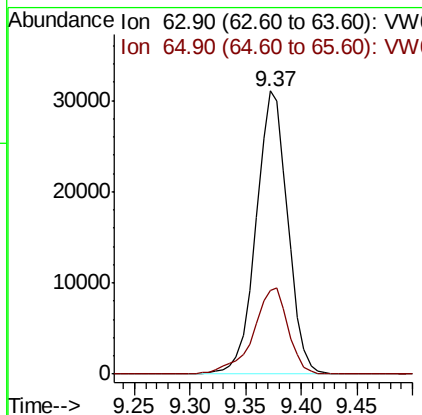
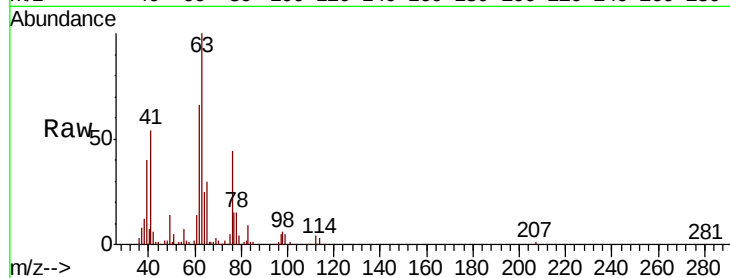
65 29.8 24.4 36.6

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#46

Dibromomethane

Concen: 20.969 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

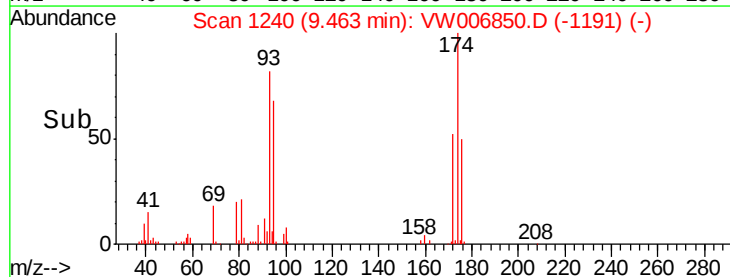
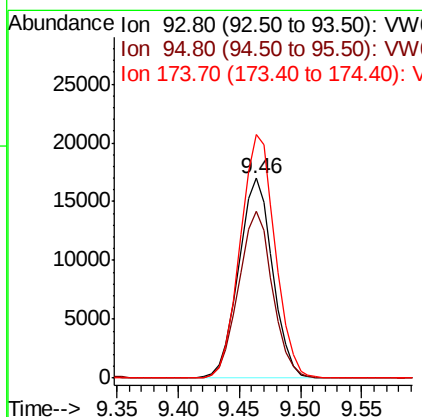
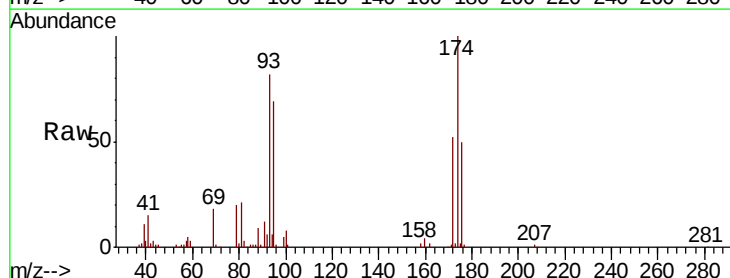
Tgt Ion: 93 Resp: 32842

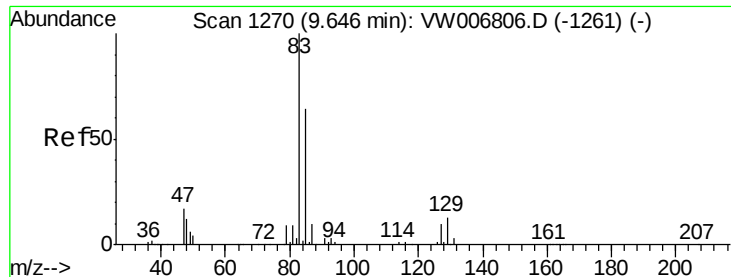
Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.6

174 124.5 98.6 147.8





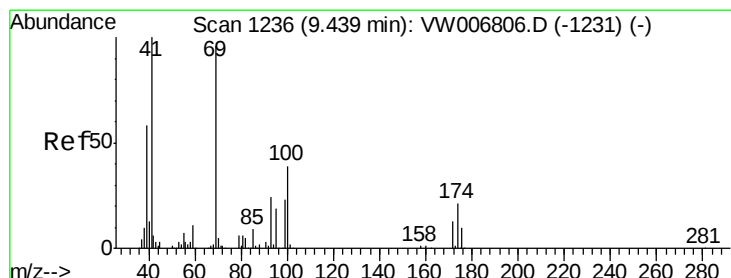
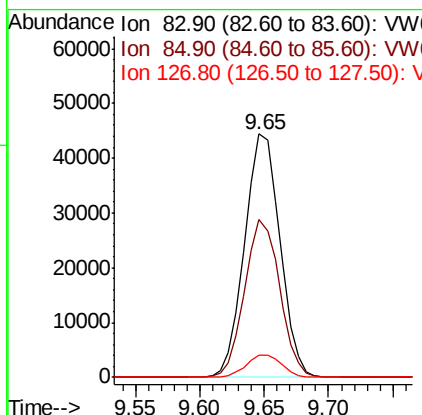
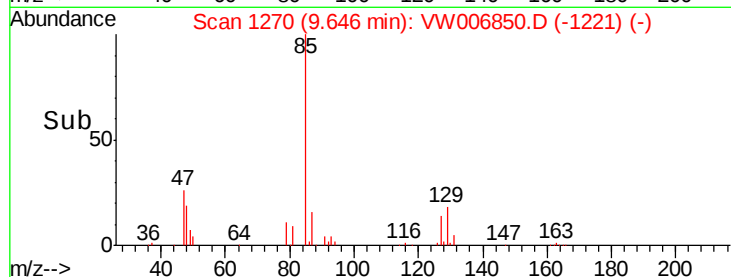
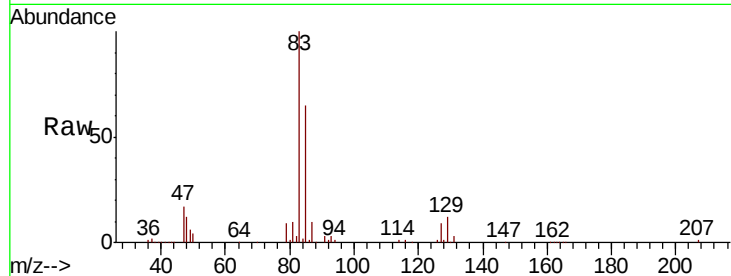
#47
Bromodichloromethane
Concen: 21.739 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.6	51.4	77.0	
127	8.9	7.6	11.4	

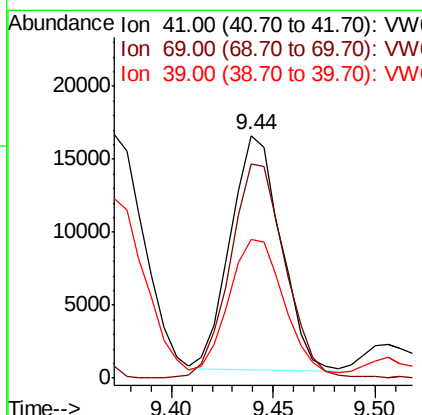
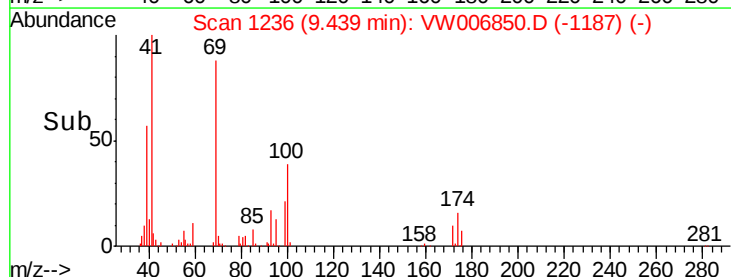
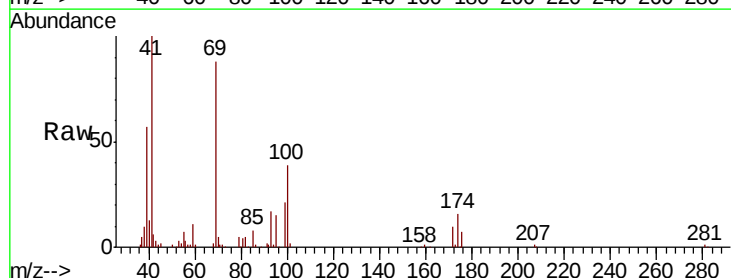
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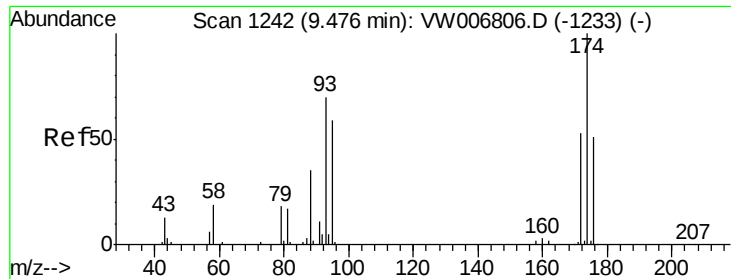
apatel
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#48
Methyl methacrylate
Concen: 20.475 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	99.1	79.8	119.6	
39	61.0	45.9	68.9	





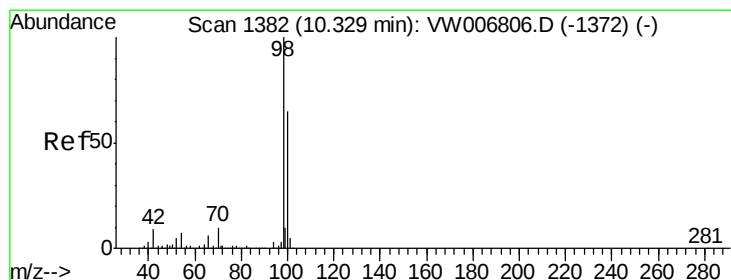
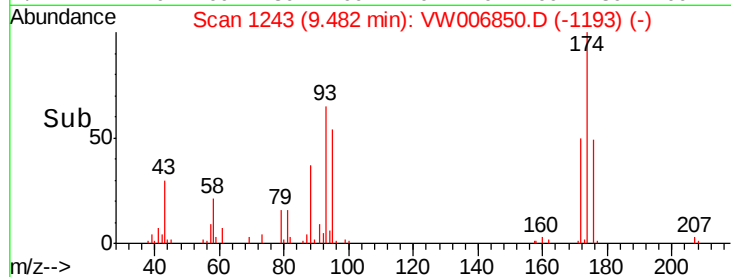
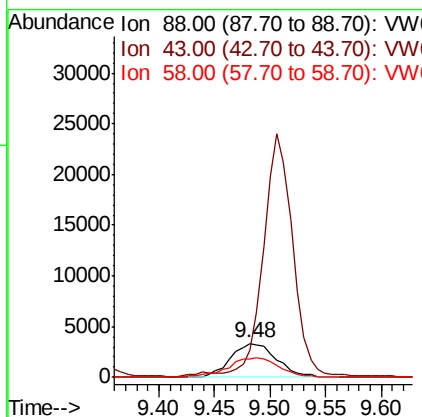
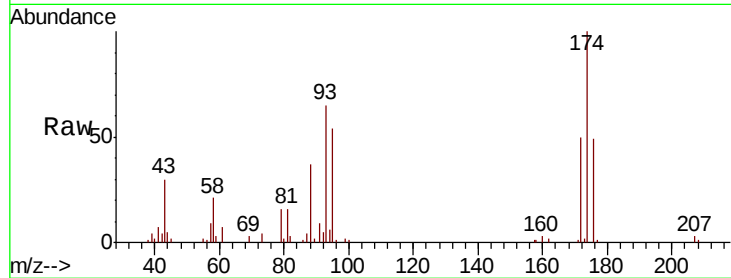
#49
1,4-Dioxane
Concen: 406.041 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	63.7	50.6	75.8

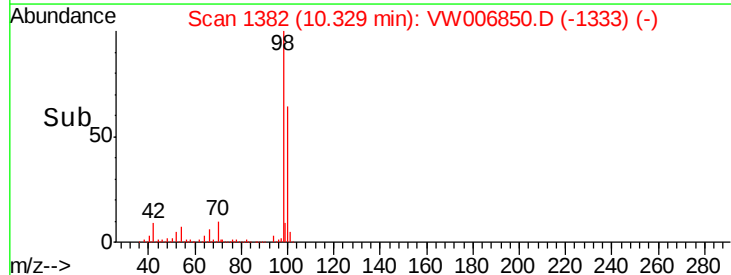
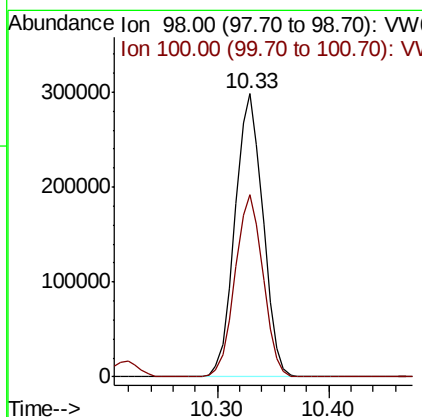
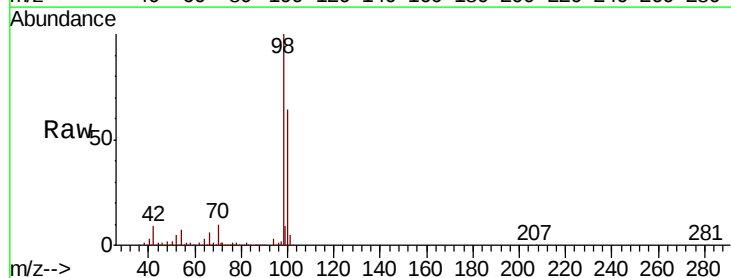
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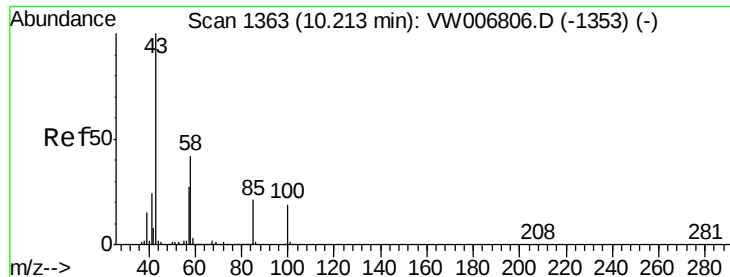
apatel
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#50
Toluene-d8
Concen: 45.273 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 105.927 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 43 Resp: 146650

Ion Ratio Lower Upper

43 100

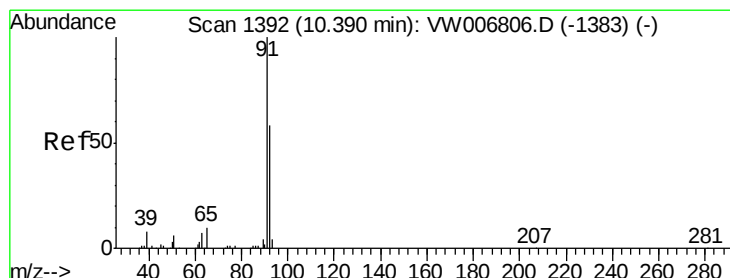
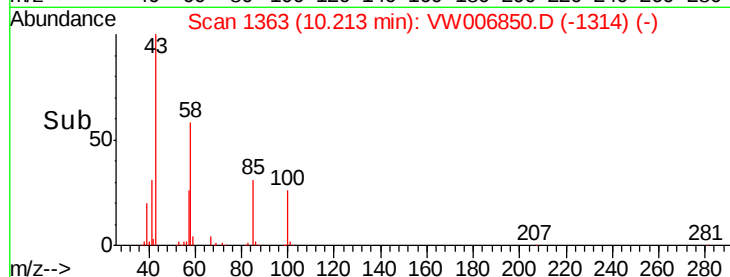
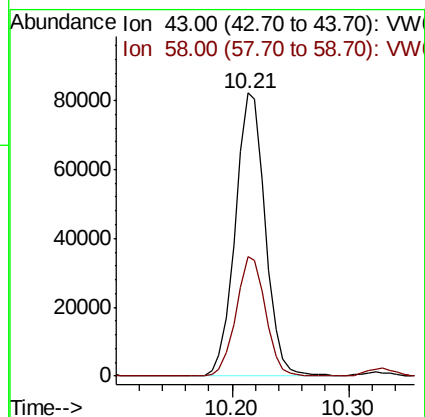
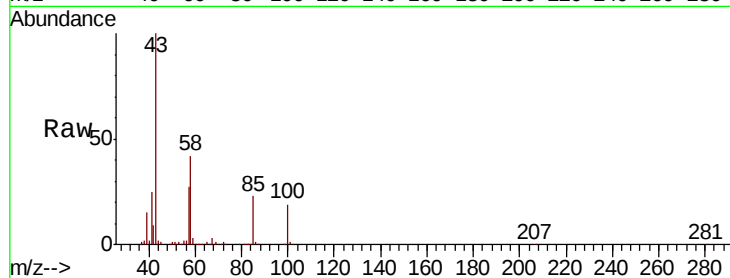
58 42.0 34.0 51.0

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#52

Toluene

Concen: 20.690 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006850.D

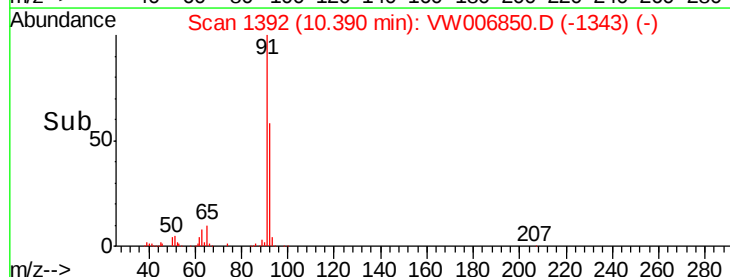
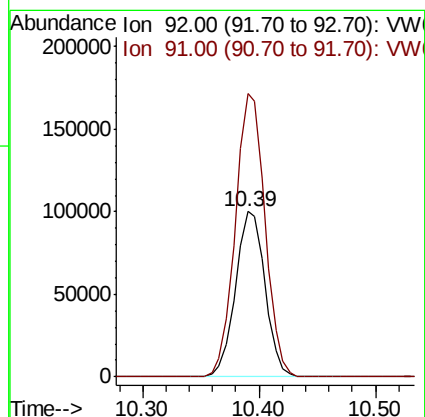
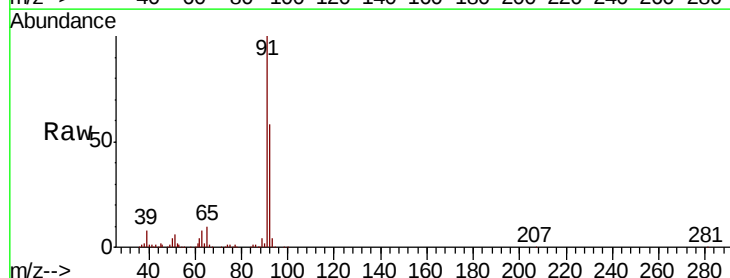
Acq: 13 Nov 2018 13:30

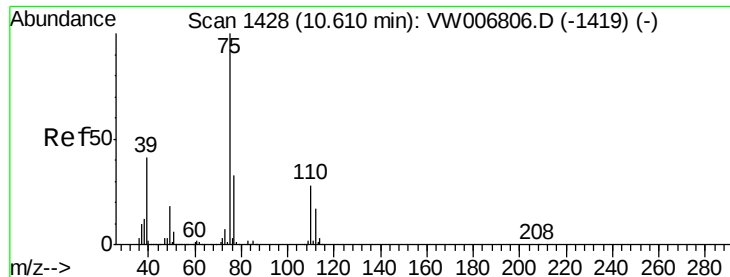
Tgt Ion: 92 Resp: 177081

Ion Ratio Lower Upper

92 100

91 172.1 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 21.226 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 75 Resp: 81178

Ion Ratio Lower Upper

75 100

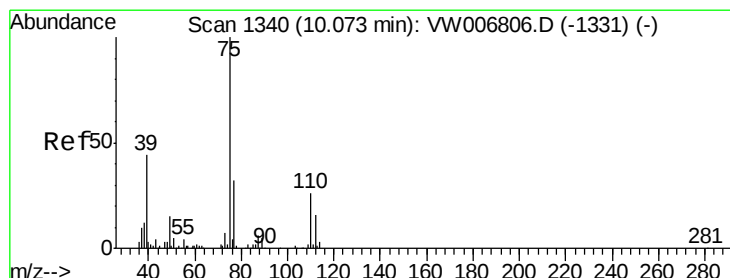
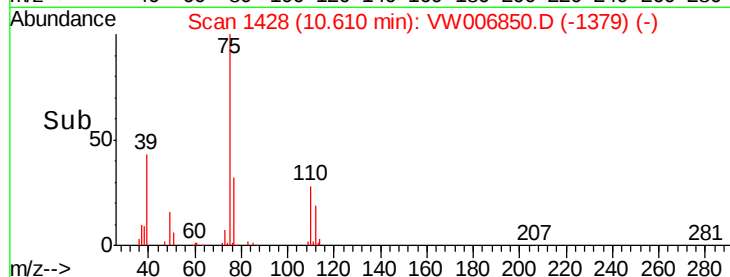
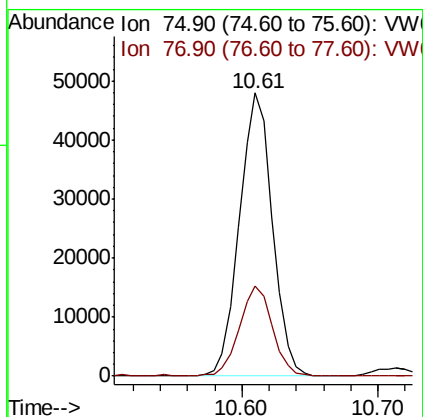
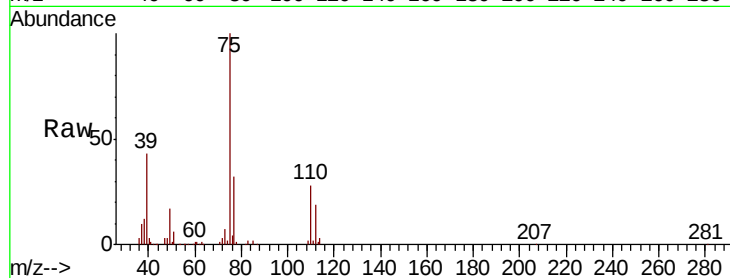
77 31.6 26.3 39.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.568 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

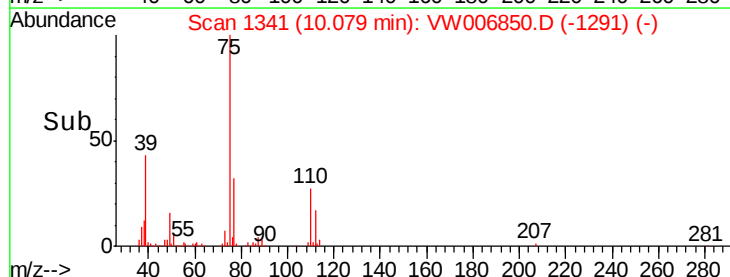
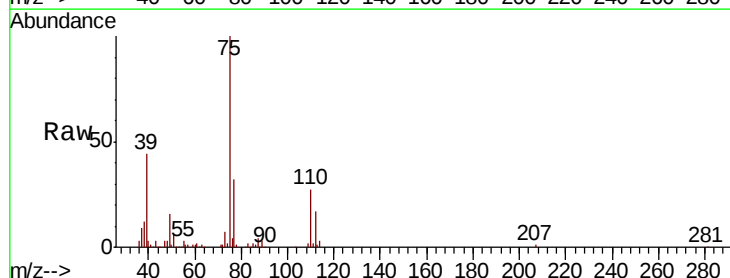
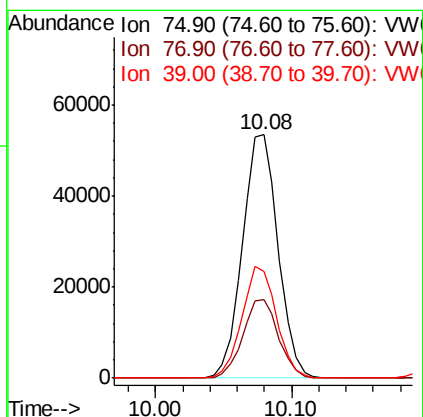
Tgt Ion: 75 Resp: 97809

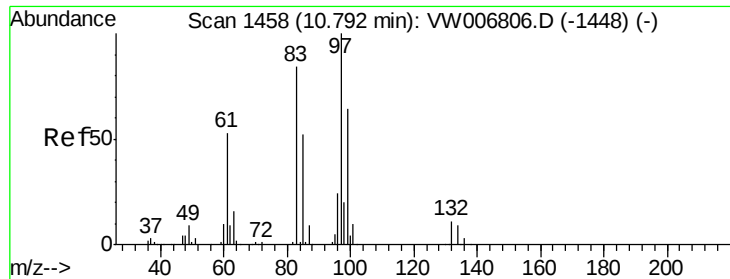
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

39 43.7 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 21.938 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

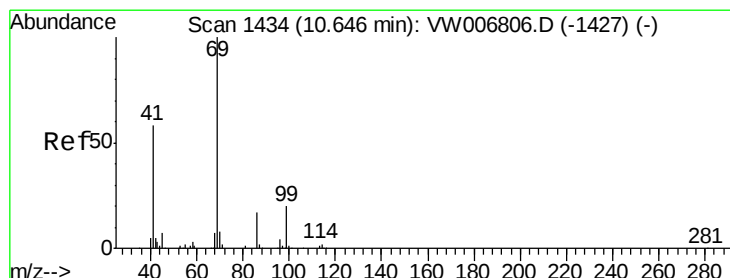
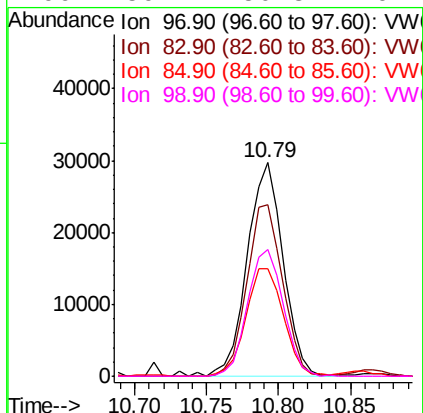
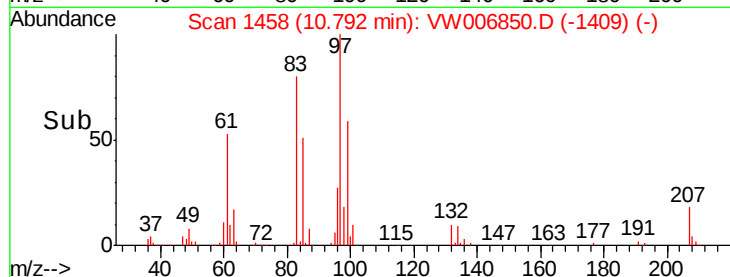
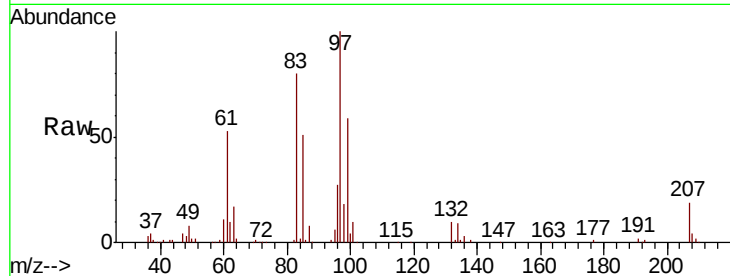
ClientSampleId :

VW1113SBS01

Tot Ion:	97	Resp:	50987
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.0	100.4
85	50.5	41.7	62.5
99	59.4	50.8	76.2

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#56

Ethyl methacrylate

Concen: 21.309 ug/l

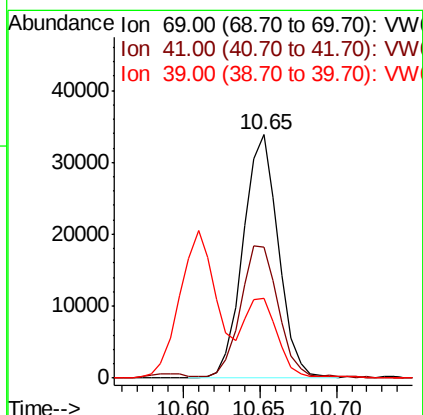
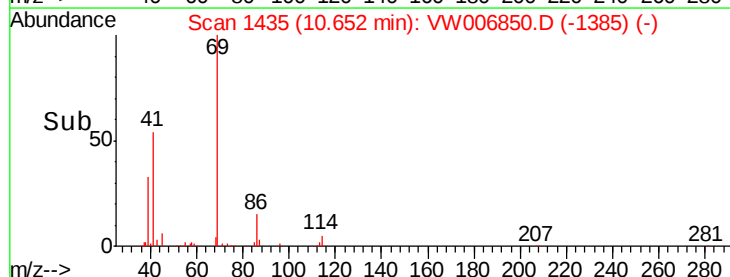
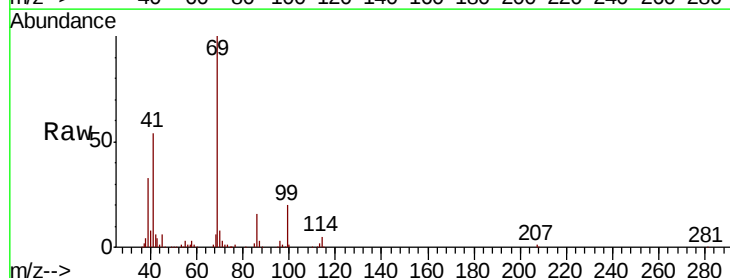
RT: 10.65 min Scan# 1435

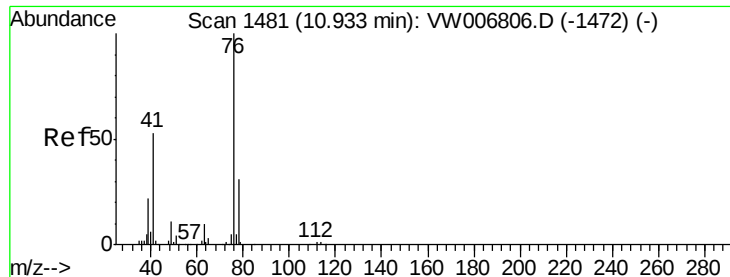
Delta R.T. 0.01 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Tgt Ion:	69	Resp:	54276
Ion	Ratio	Lower	Upper
69	100		
41	58.4	47.0	70.4
39	30.5	23.1	34.7





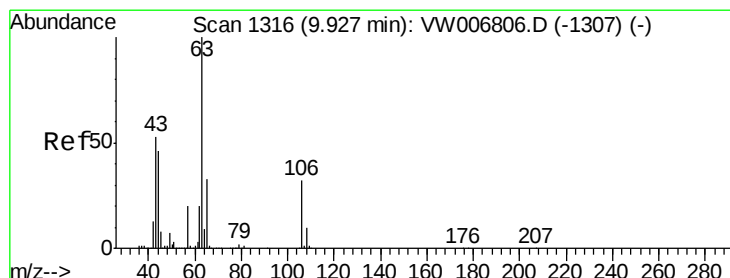
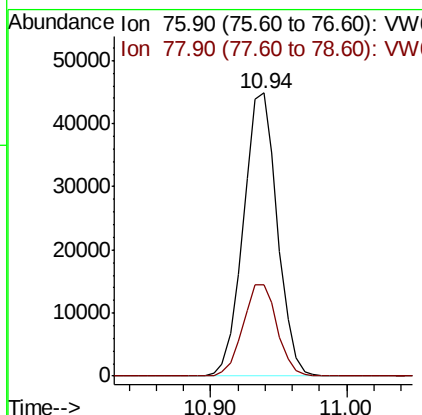
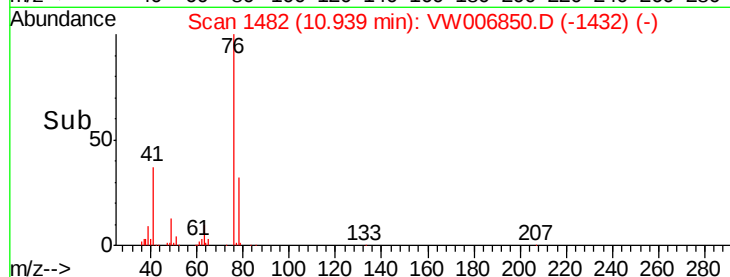
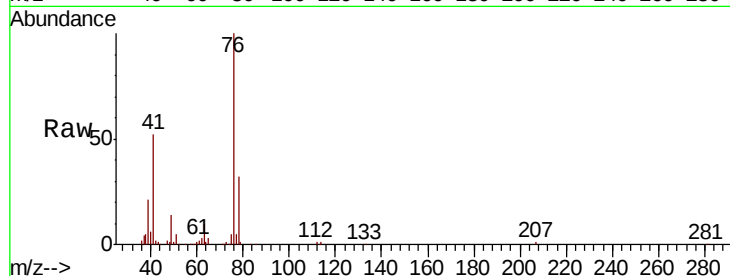
#57
 1,3-Dichloropropane
 Concen: 21.253 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBSD01

Tot Ion	76	Resp	78223
Ion Ratio	Lower	Upper	
76	100		
78	32.7	26.2	39.2

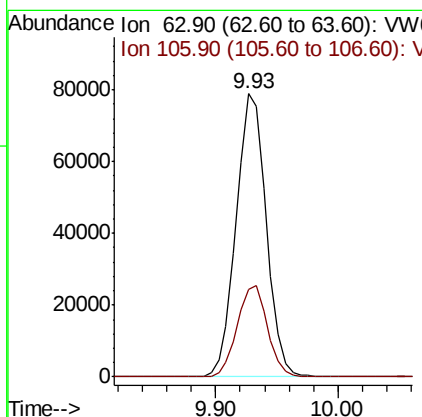
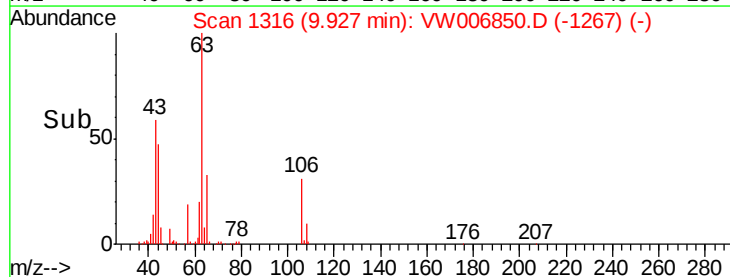
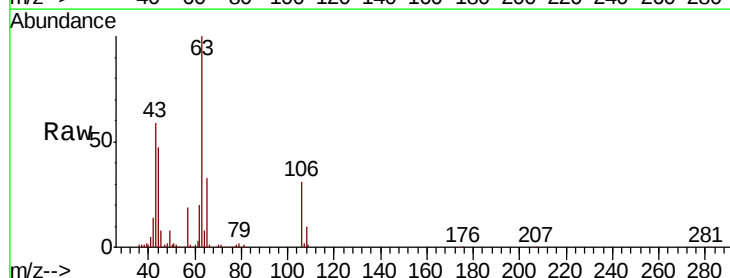
Manual Integrations
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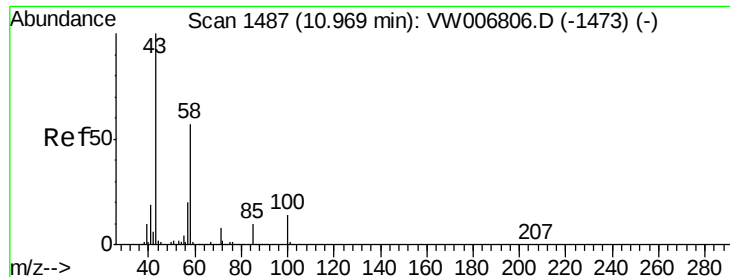
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 11/14/2018 12:48:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.326 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Tgt Ion	63	Resp	134361
Ion Ratio	Lower	Upper	
63	100		
106	32.4	25.4	38.0





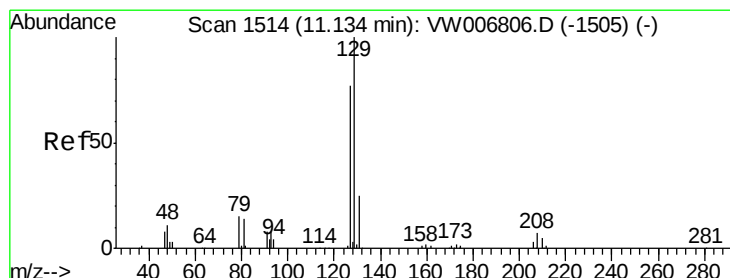
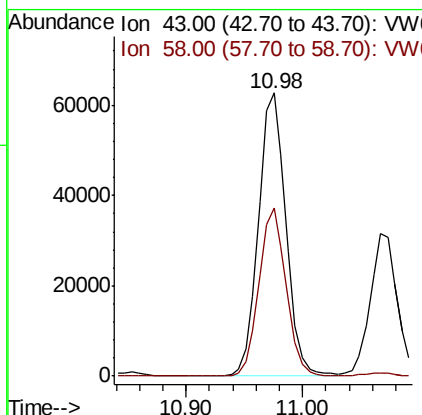
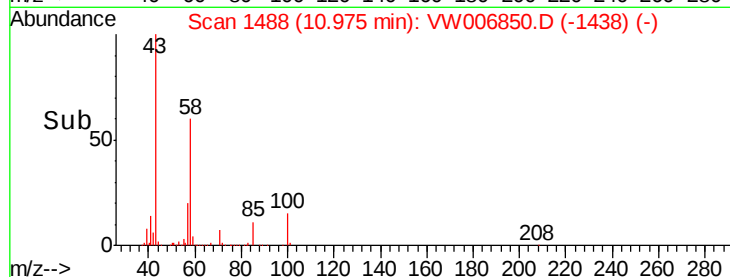
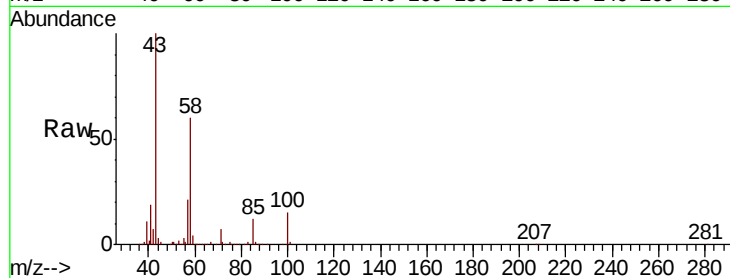
#59
2-Hexanone
Concen: 108.214 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampled :
VW1113SBSD01

Tot Ion: 43 Resp: 103338
Ion Ratio Lower Upper
43 100
58 58.5 28.7 86.1

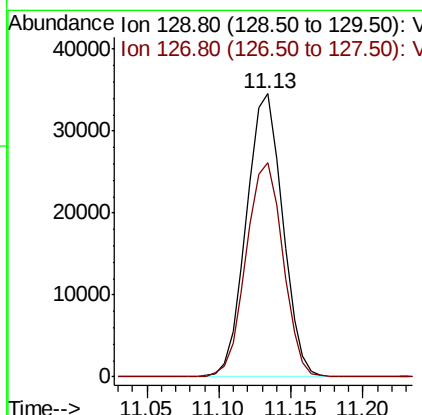
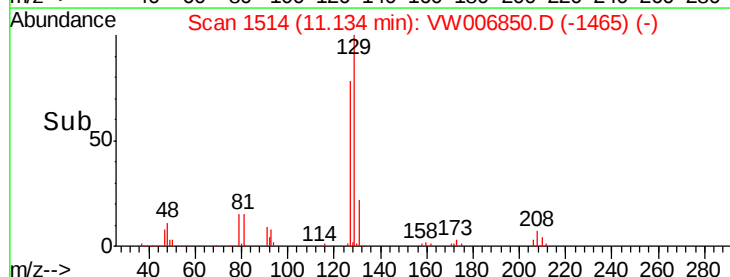
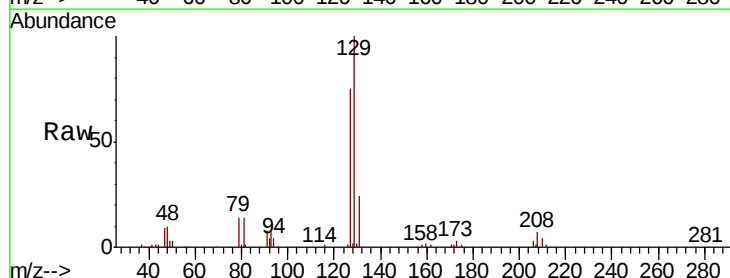
Manual Integrations
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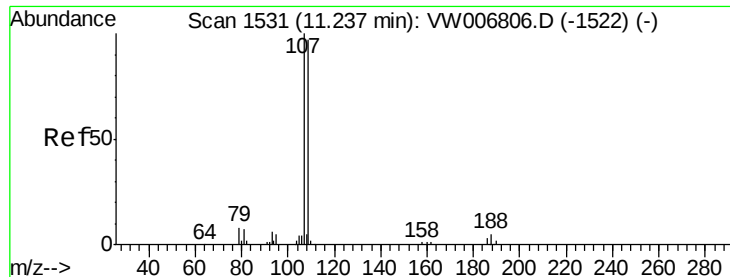
apatel
11/14/2018 12:48:45 PM



#60
Dibromochloromethane
Concen: 21.168 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion: 129 Resp: 60198
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





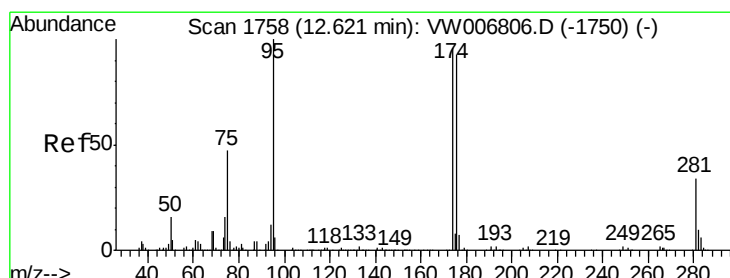
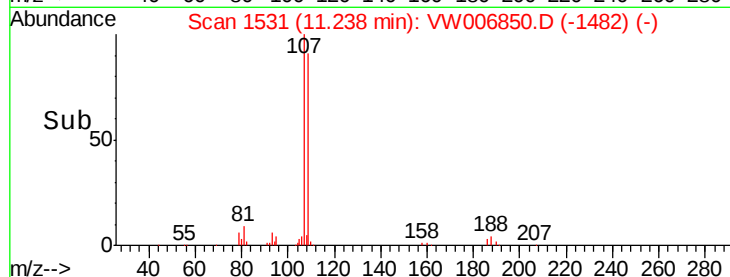
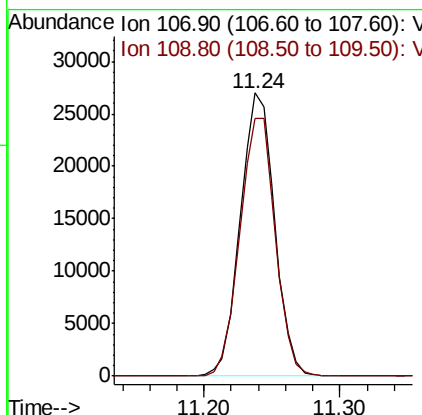
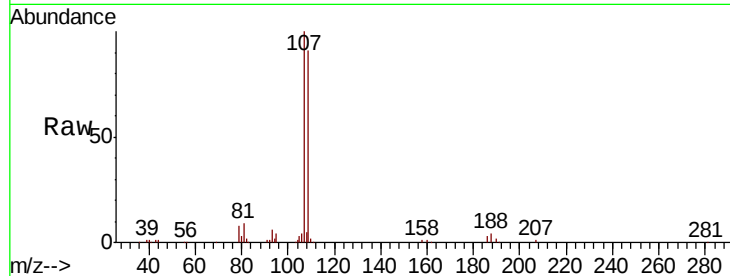
#61
 1,2-Dibromoethane
 Concen: 21.530 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBSD01

Tot Ion: 107 Resp: 47522
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.7 115.1

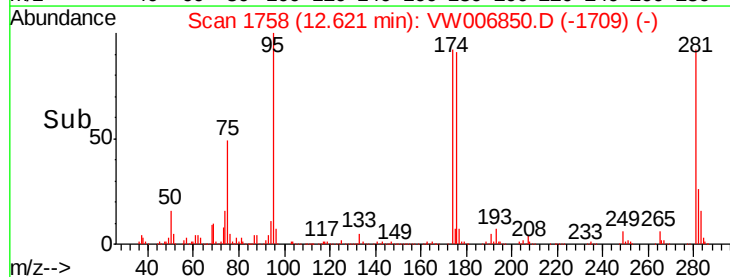
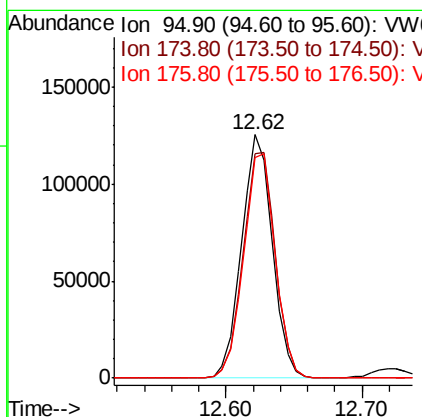
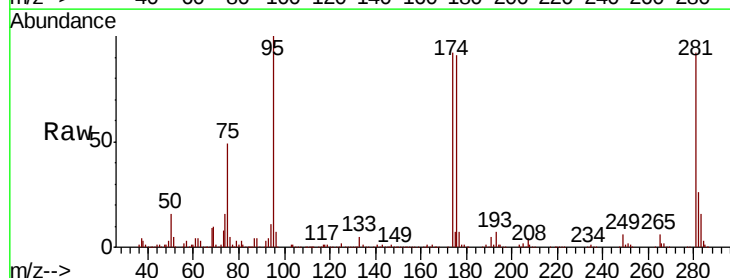
Manual Integrations
 APPROVED

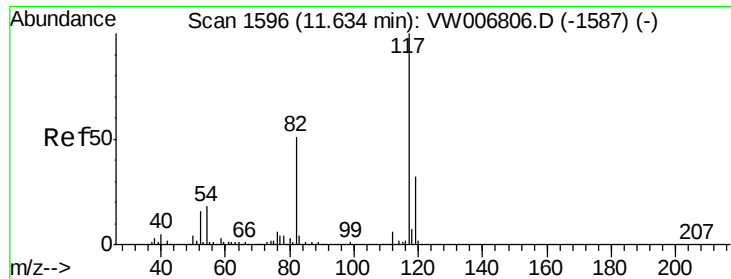
apatel
 11/14/2018 12:48:45 PM



#62
 4-Bromofluorobenzene
 Concen: 46.976 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Tgt Ion: 95 Resp: 198115
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 196.6
 176 94.8 0.0 191.6





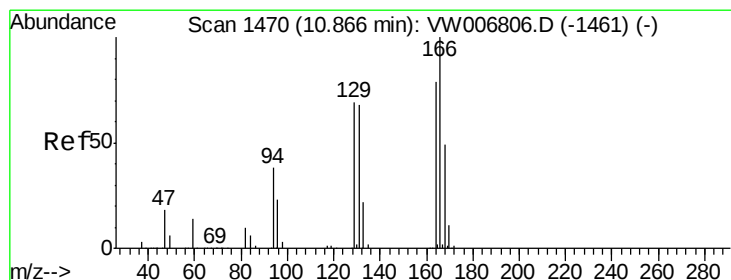
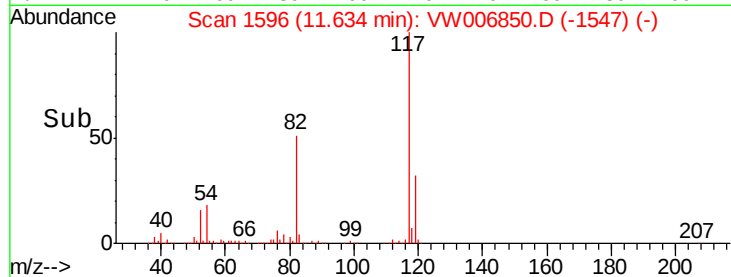
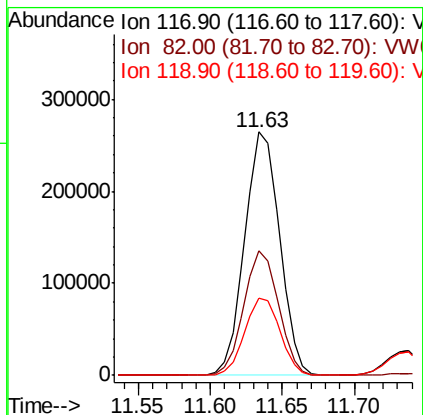
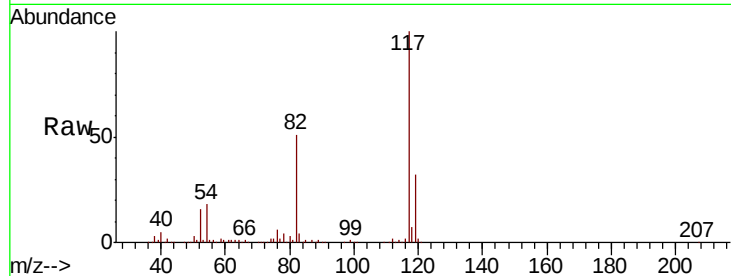
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113BSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	445116		
82	51.1	40.6	61.0	
119	31.8	25.5	38.3	

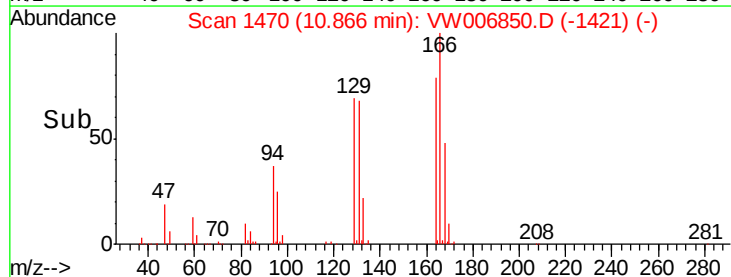
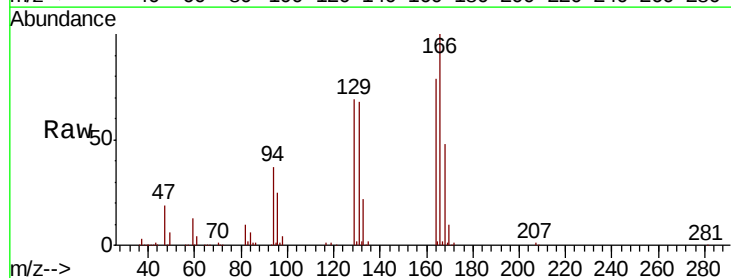
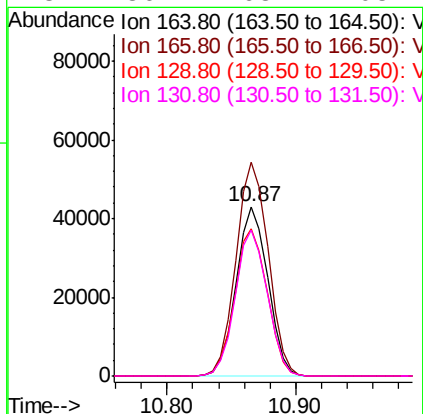
Manual Integrations
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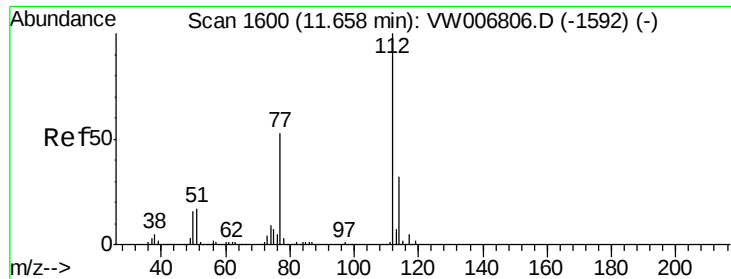
apatel
11/14/2018 12:48:45 PM



#64
Tetrachloroethene
Concen: 20.557 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	73328		
166	126.3	101.3	151.9	
129	86.7	69.6	104.4	
131	86.4	68.7	103.1	





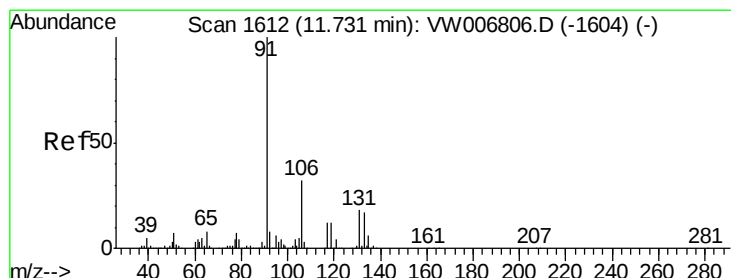
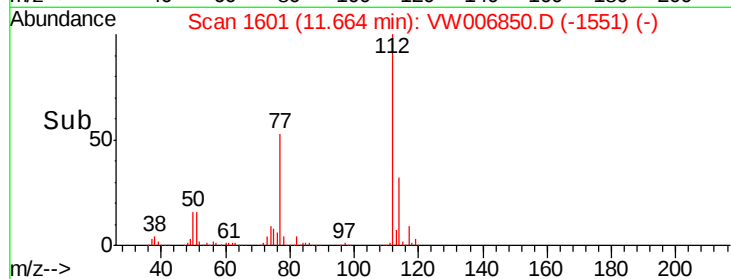
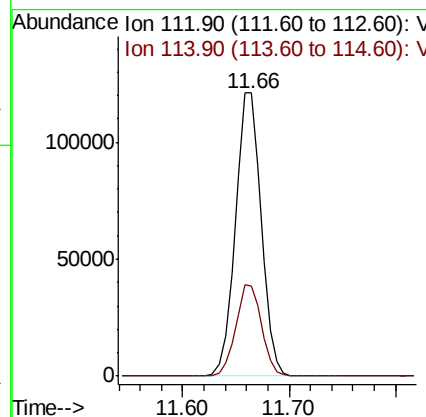
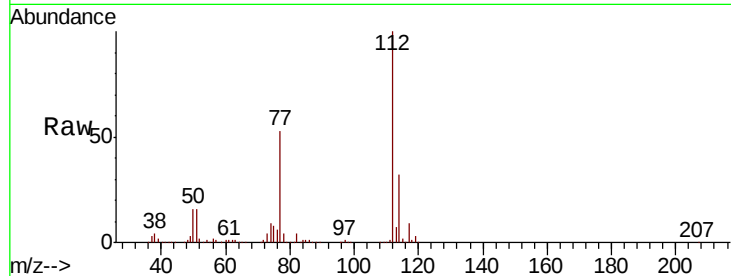
#65
Chlorobenzene
Concen: 20.841 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	205805		
114	31.9	26.0	39.0	

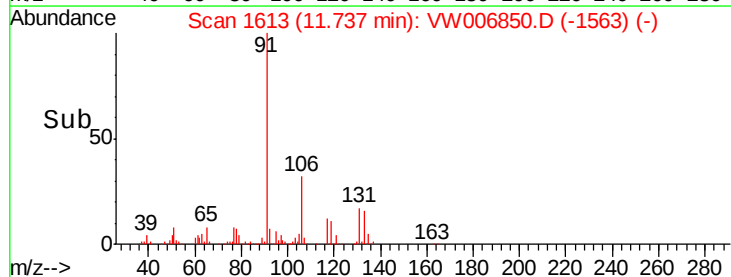
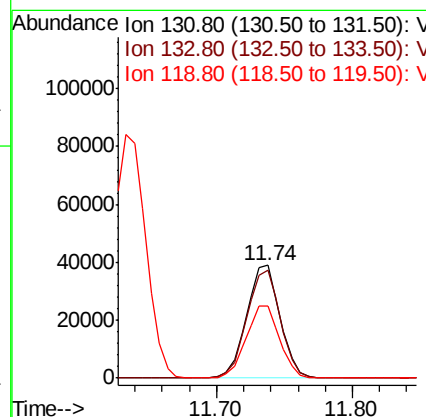
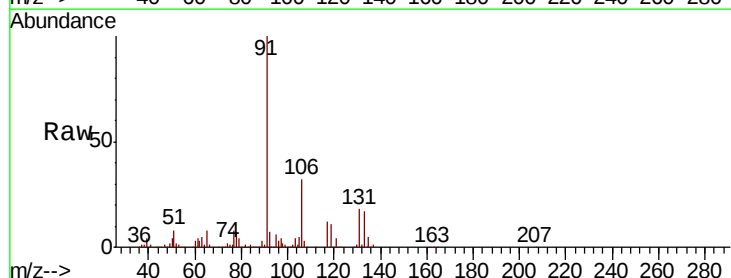
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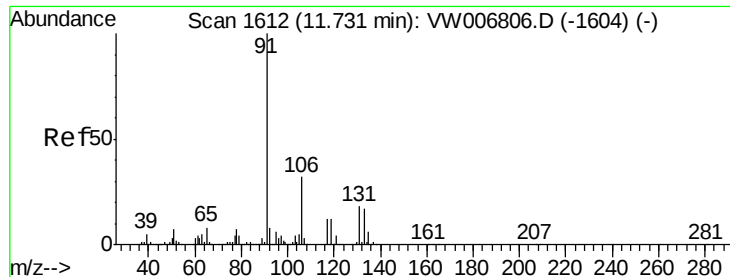
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.835 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	66762		
133	96.4	47.9	143.8	
119	64.6	32.4	97.2	





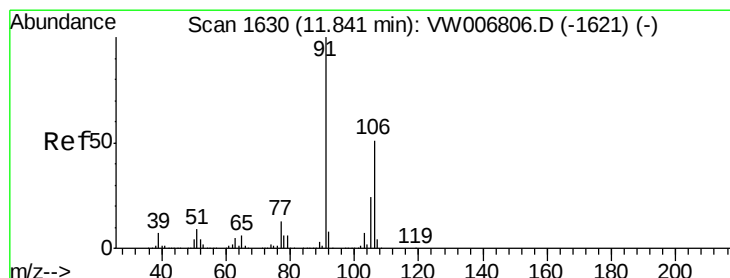
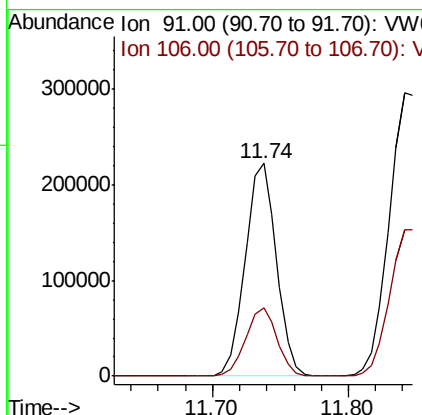
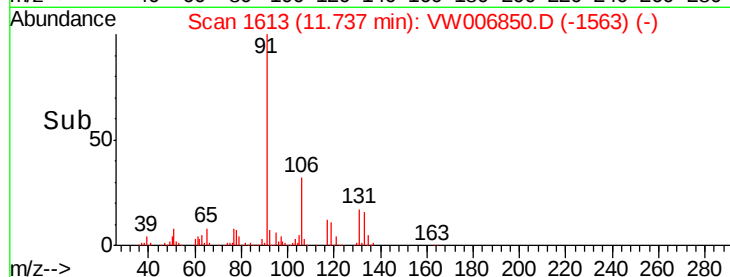
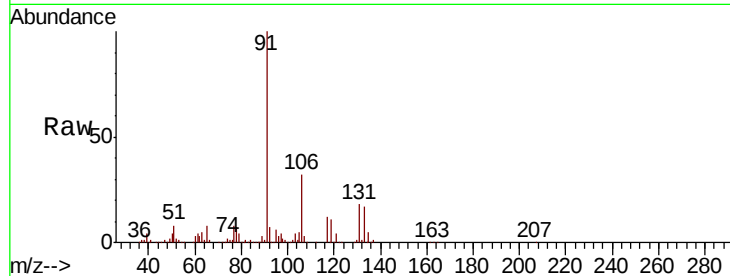
#67
Ethyl Benzene
Concen: 21.204 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion: 91 Resp: 356966
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0

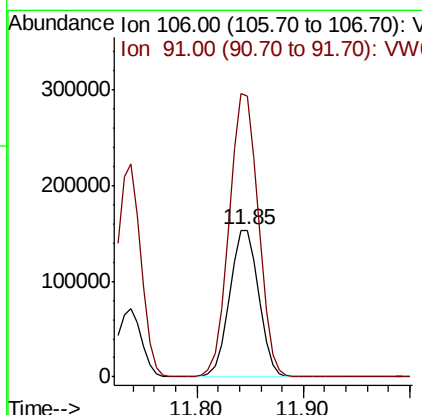
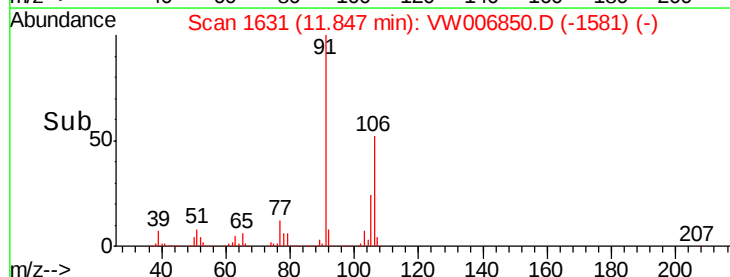
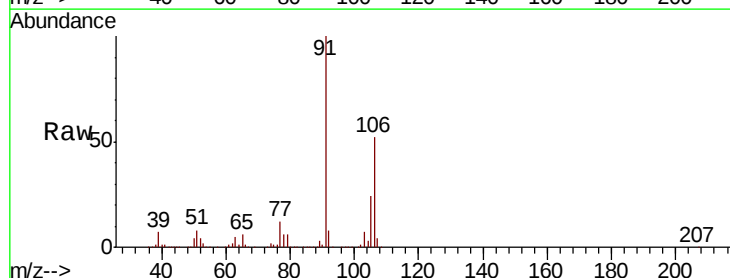
Manual Integrations
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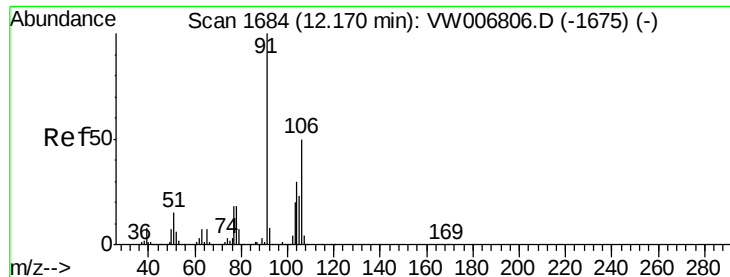
apatel
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#68
m/p-Xylenes
Concen: 42.746 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion: 106 Resp: 294429
Ion Ratio Lower Upper
106 100
91 193.6 155.7 233.5





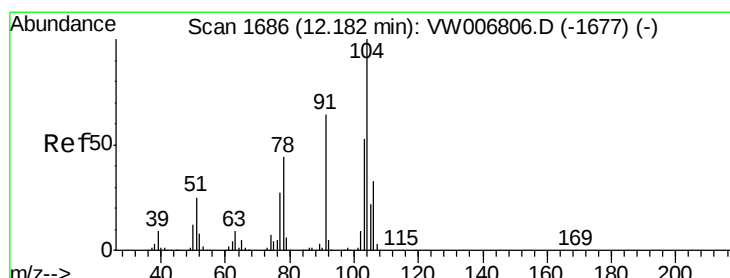
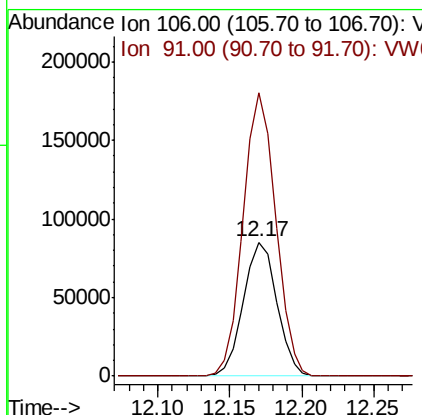
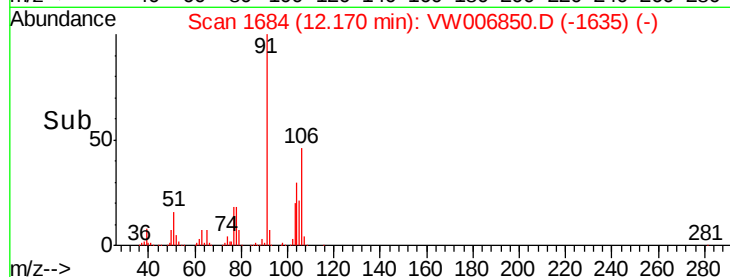
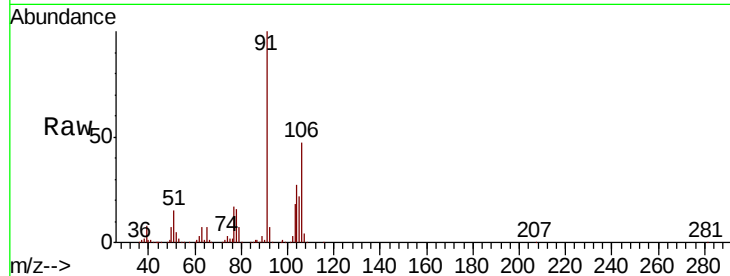
#69
o-Xylene
Concen: 21.413 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	206.2	101.9	305.7	

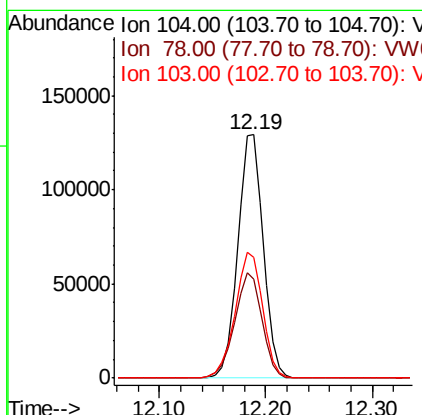
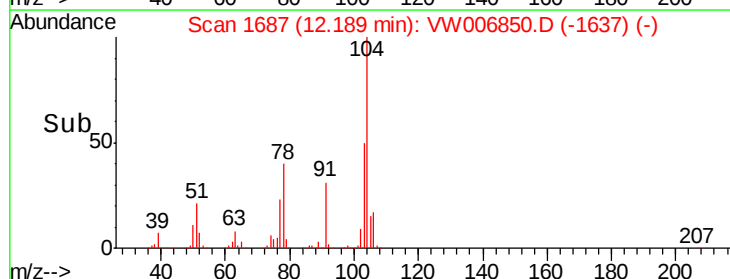
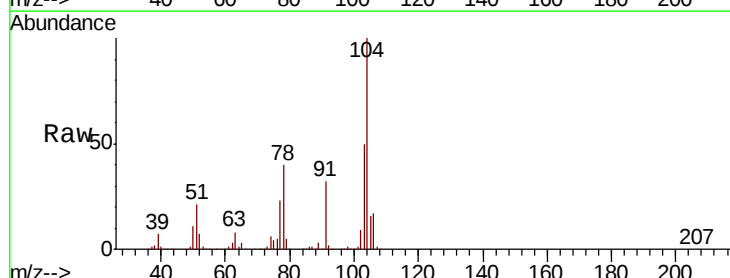
Manual Integrations
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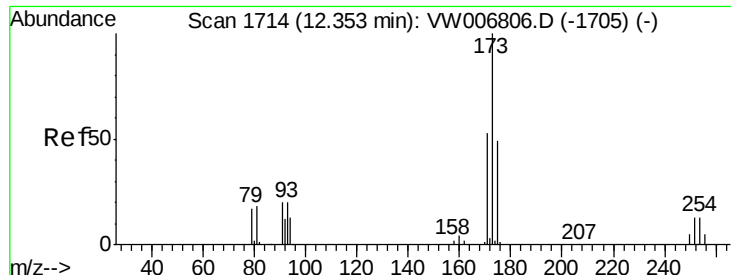
apatel
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#70
Styrene
Concen: 21.183 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.1	37.3	55.9	
103	55.6	44.6	66.8	





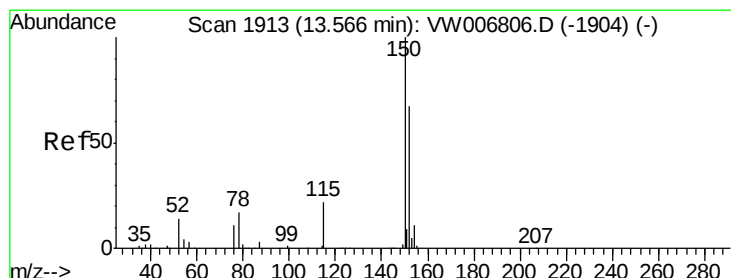
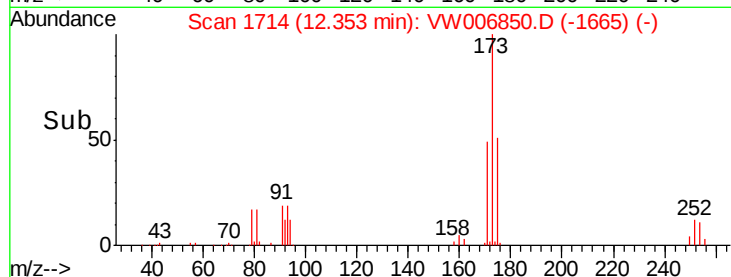
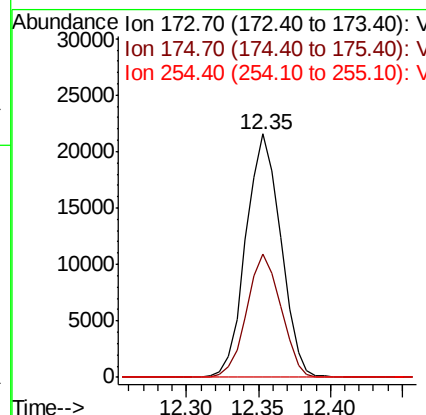
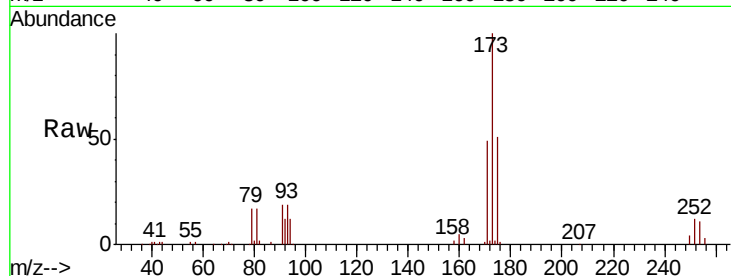
#71
Bromoform
Concen: 20.655 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.4	73.4
254	0.0	0.1	0.1#

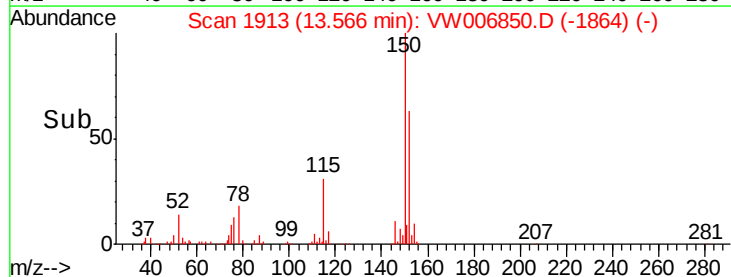
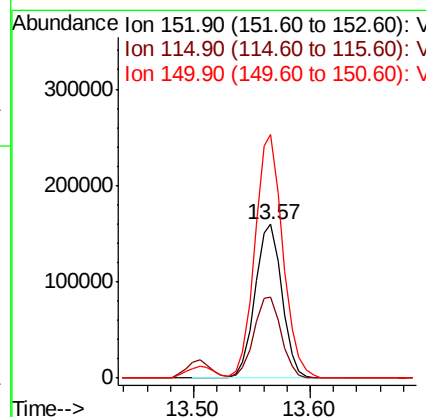
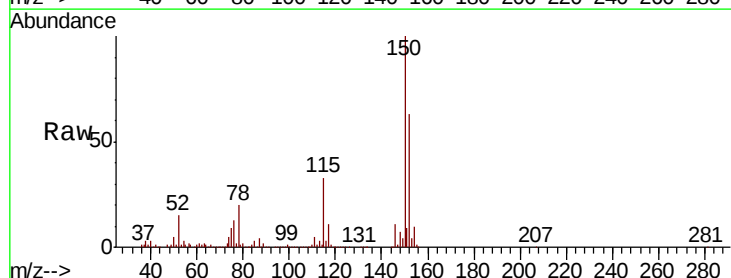
Manual Integrations
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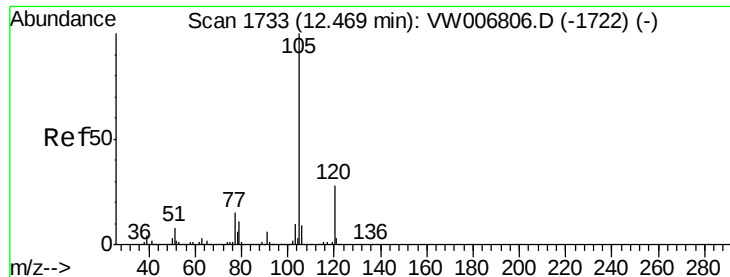
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.3	81.8
150	163.9	0.0	353.0





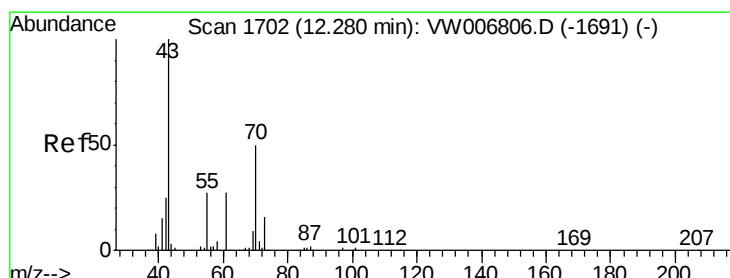
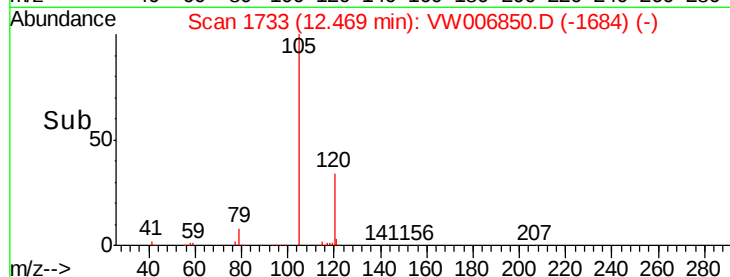
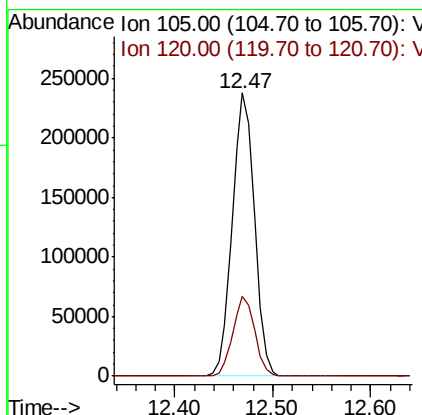
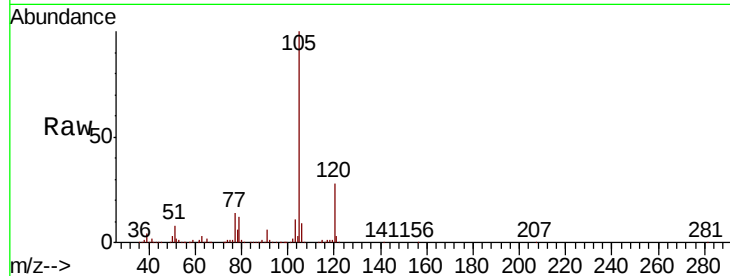
#73
Isopropylbenzene
Concen: 20.916 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.7	14.0	42.0

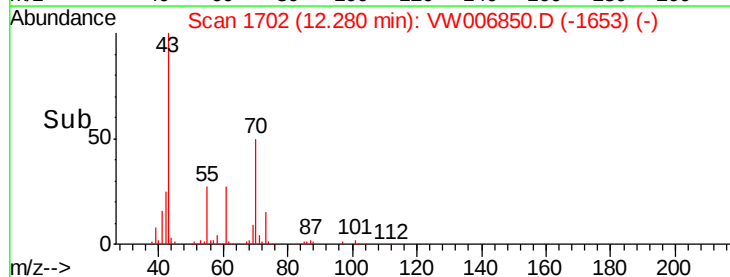
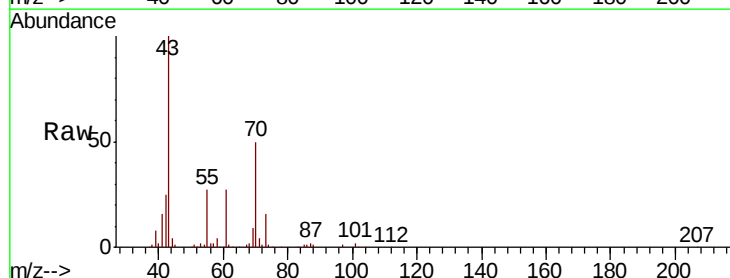
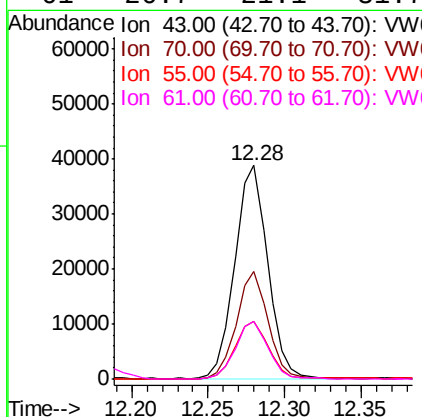
Manual Integrations
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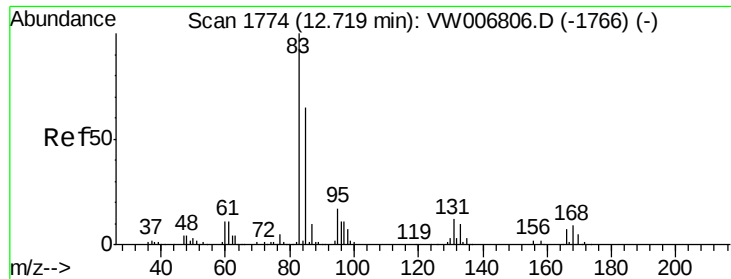
apatel
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#74
N-ethyl acetate
Concen: 21.359 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.6	39.0	58.4
55	27.9	22.1	33.1
61	26.7	21.1	31.7





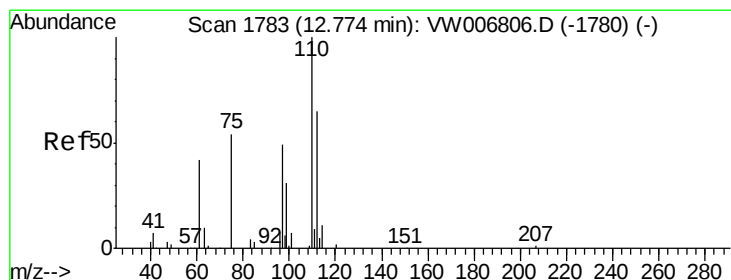
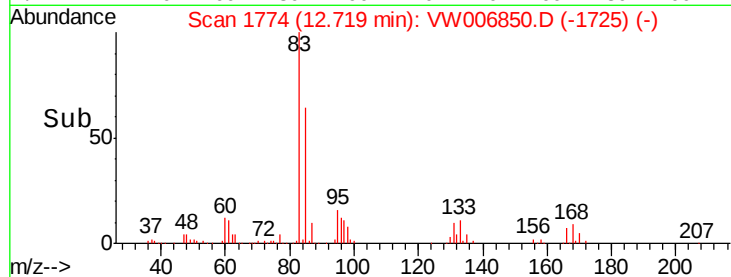
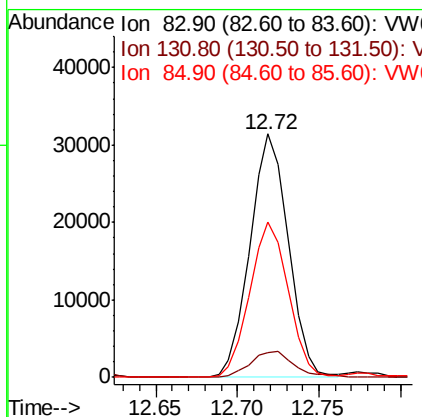
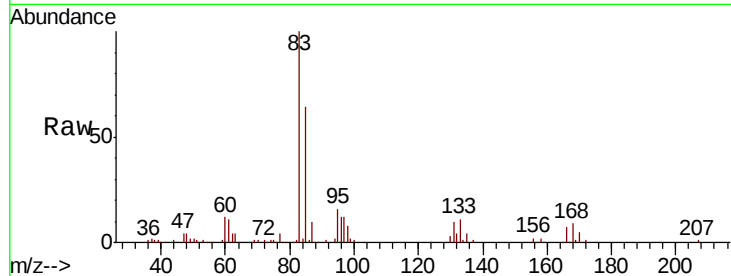
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.770 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	12.2	6.1	18.3
85	64.2	32.4	97.0

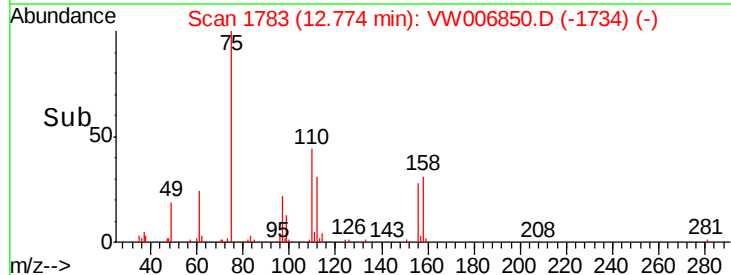
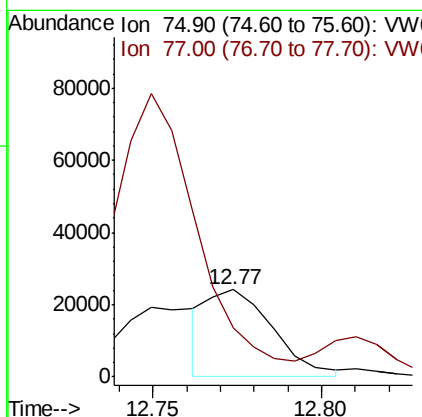
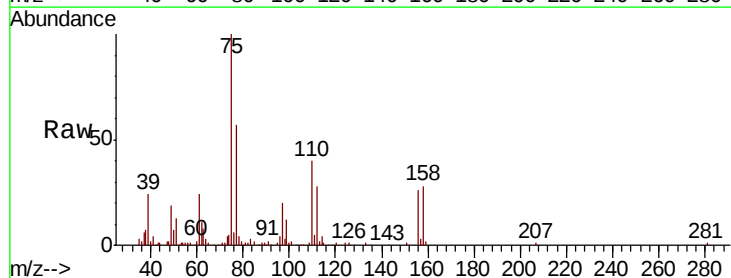
Manual Integrations
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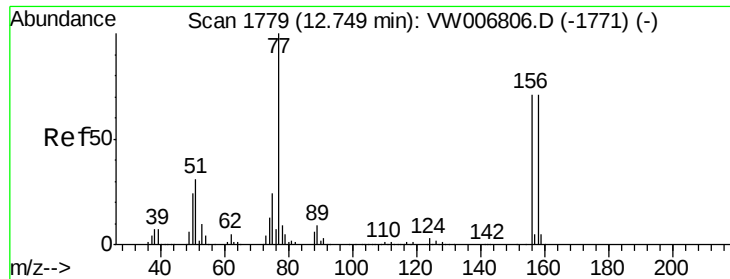
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#76
 1,2,3-Trichloropropane
 Concen: 17.779 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





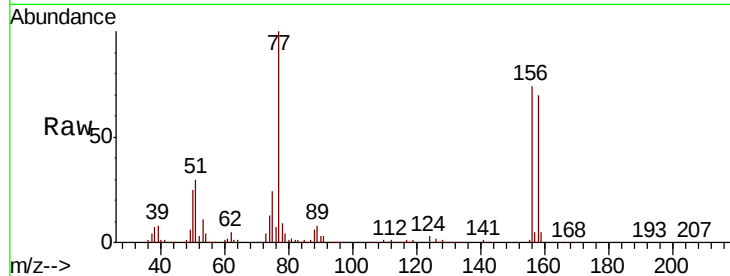
#77
Bromobenzene
Concen: 20.829 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	147.7	75.3	225.7	
158	97.9	49.2	147.6	

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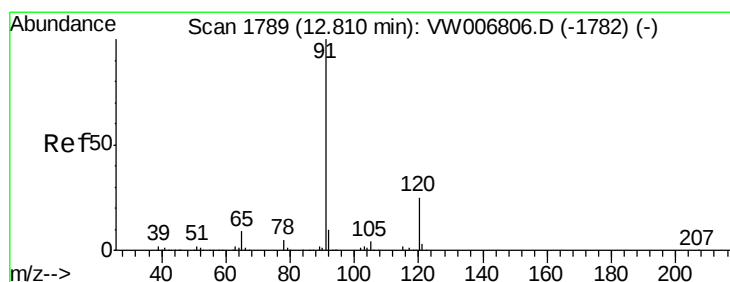
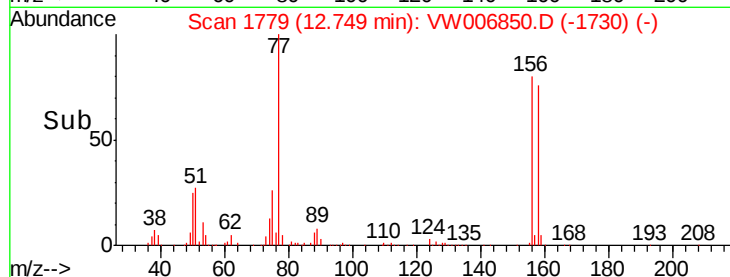
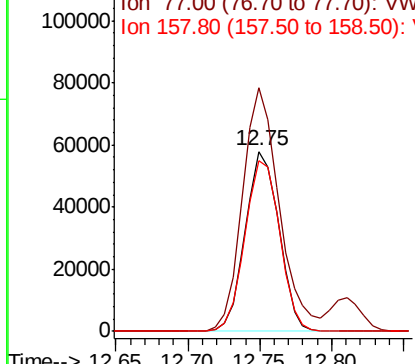


Abundance

Ion 155.80 (155.50 to 156.50): V

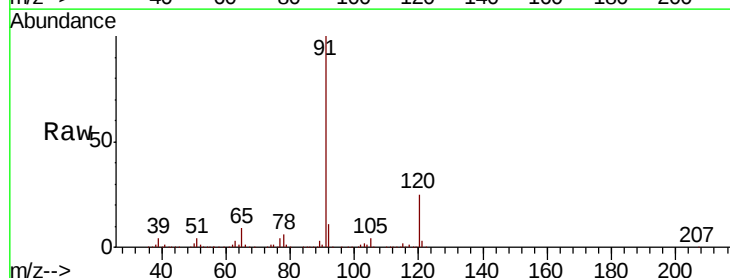
Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78
n-propylbenzene
Concen: 20.910 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

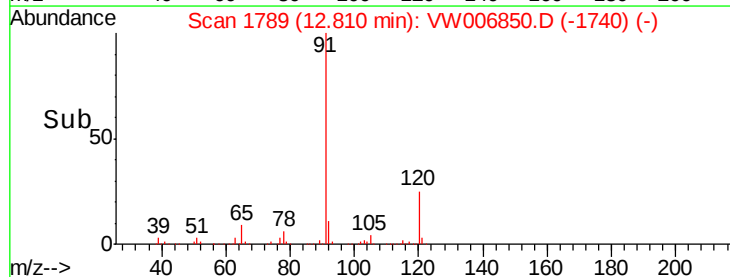
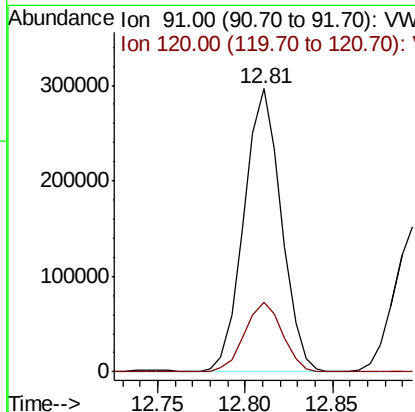
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	25.0	12.4	37.4	

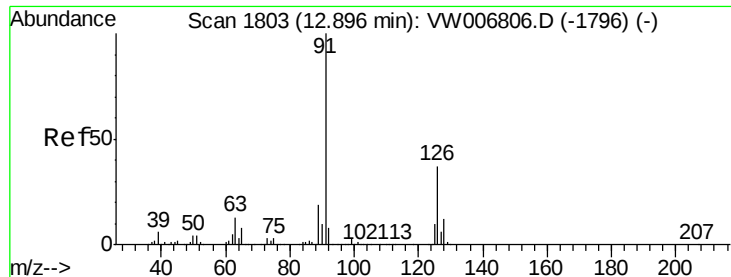


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.798 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 91 Resp: 246072

Ion Ratio Lower Upper

91 100

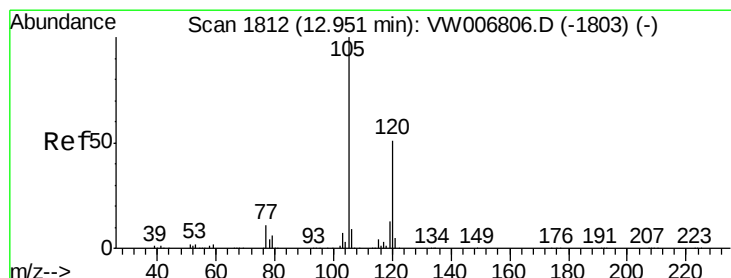
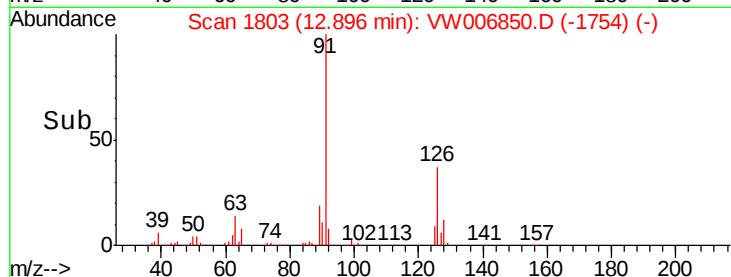
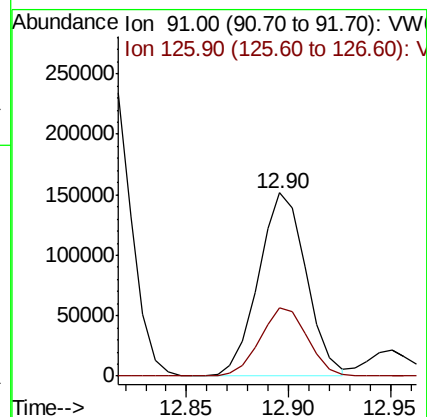
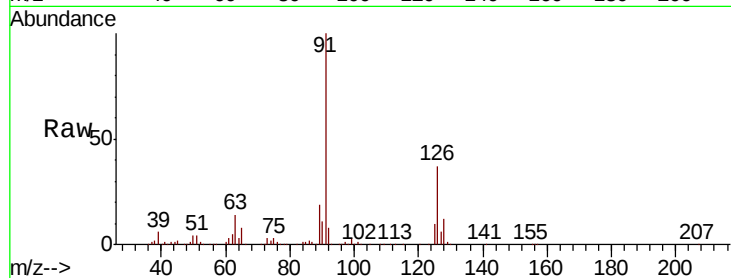
126 37.5 18.5 55.5

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#80

1,3,5-Trimethylbenzene

Concen: 21.200 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006850.D

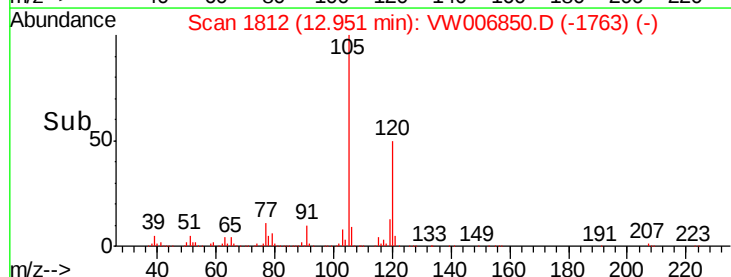
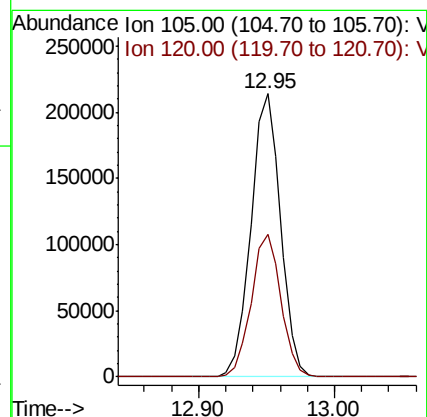
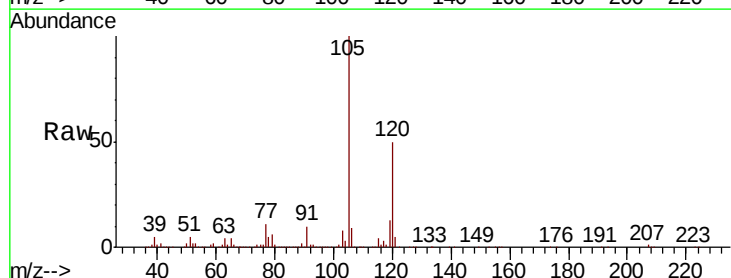
Acq: 13 Nov 2018 13:30

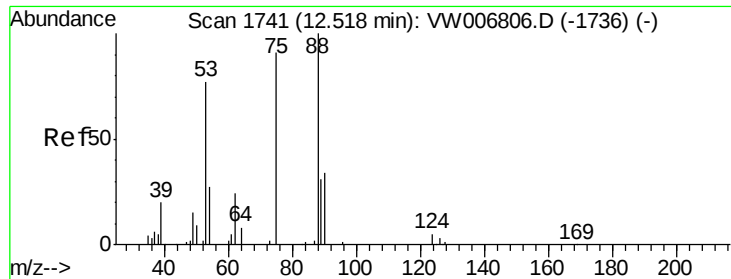
Tgt Ion: 105 Resp: 325631

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.9





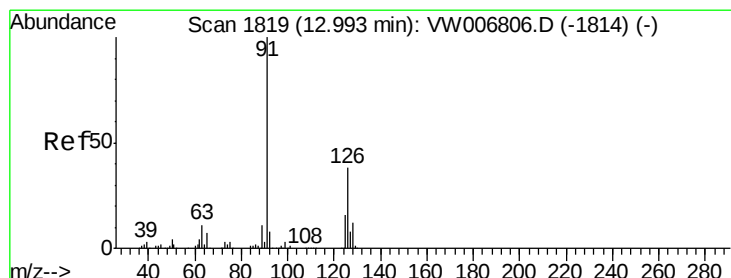
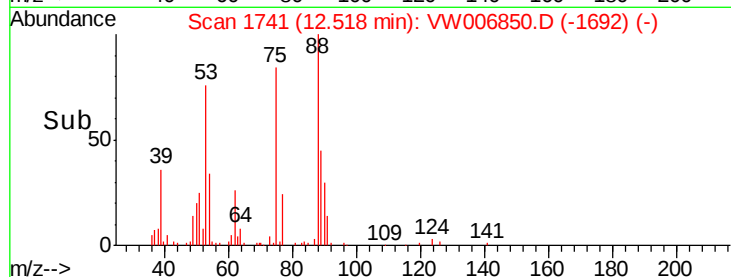
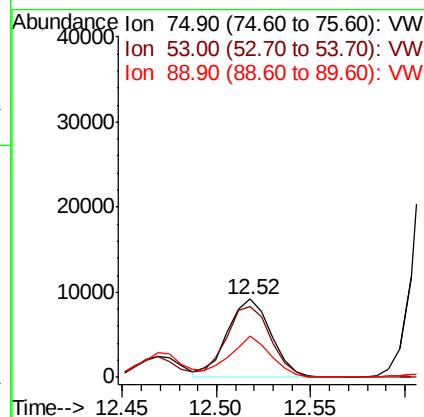
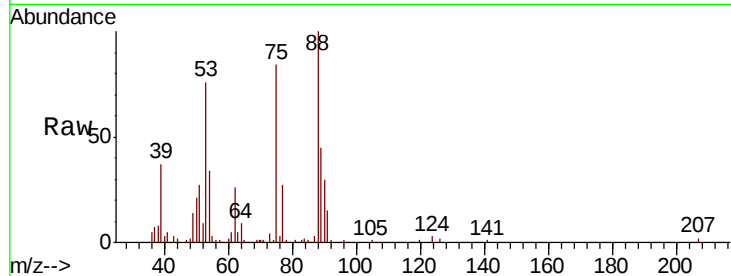
#81
trans-1,4-Dichloro-2-butene
Concen: 19.984 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.2	72.9	109.3
89	48.4	38.7	58.1

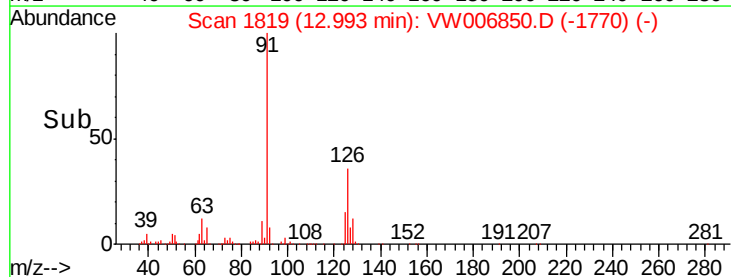
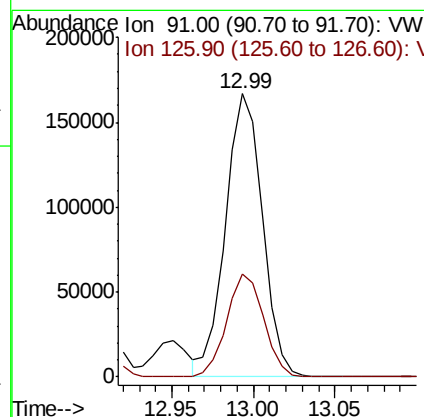
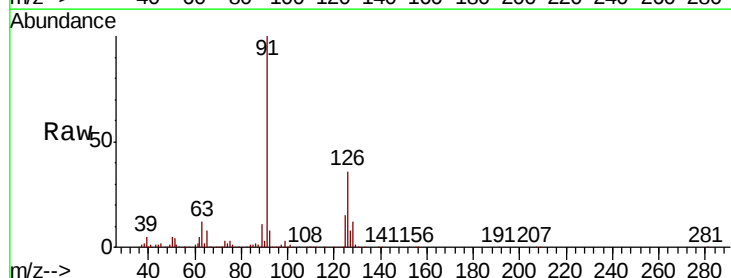
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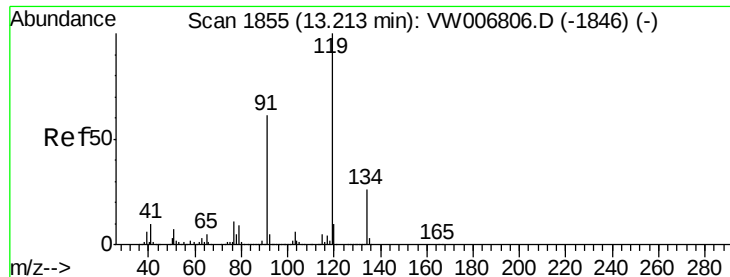
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#82
4-Chlorotoluene
Concen: 20.789 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	18.4	55.2





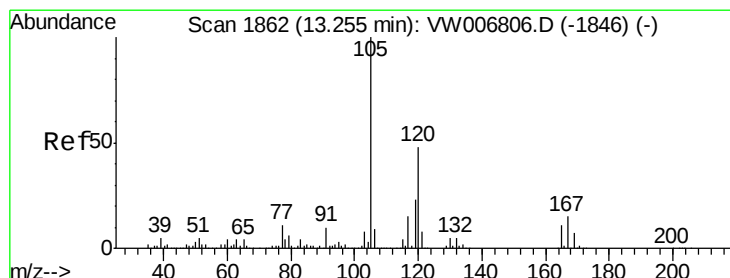
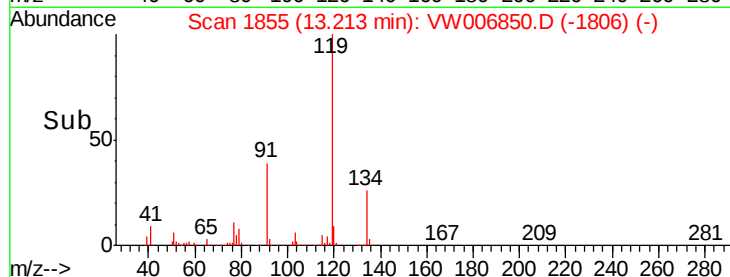
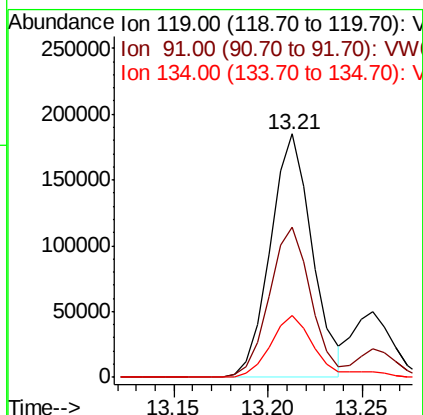
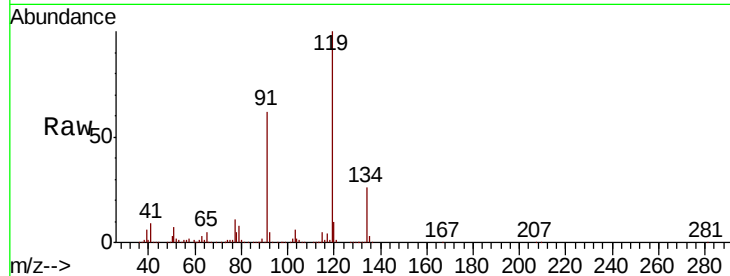
#83
tert-Butylbenzene
Concen: 20.989 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.0	90.1
134	27.2	13.4	40.2

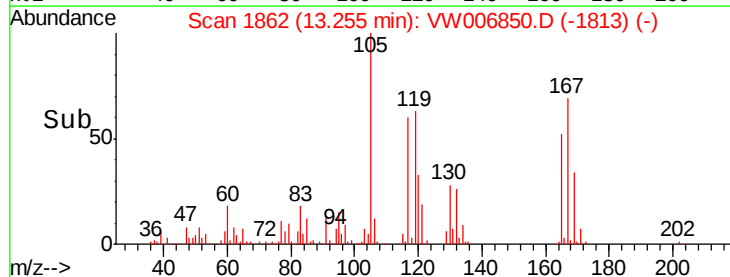
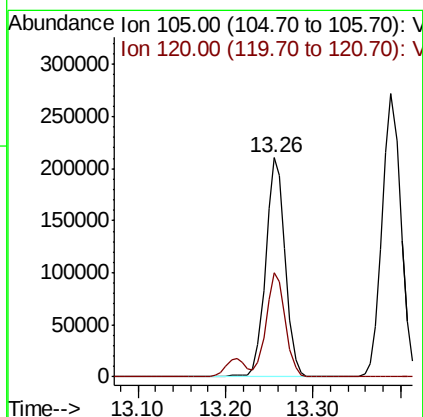
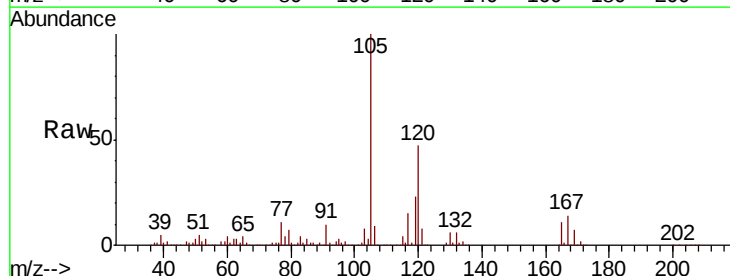
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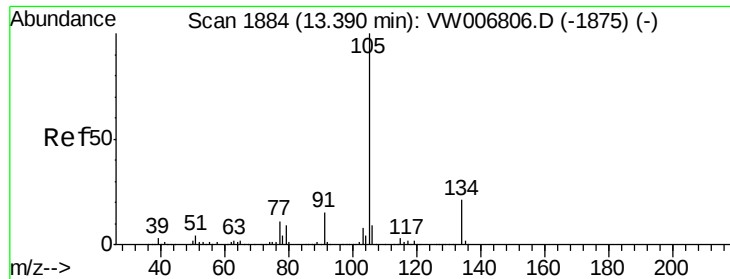
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#84
1,2,4-Trimethylbenzene
Concen: 20.944 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.0





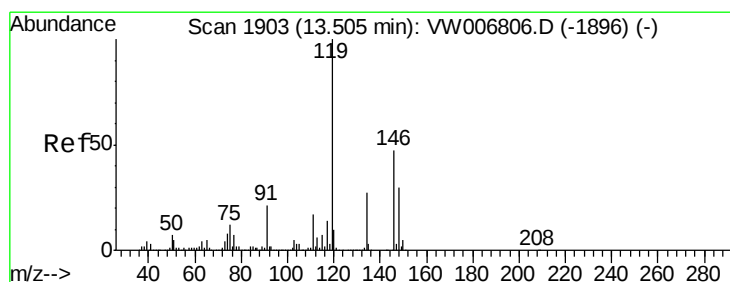
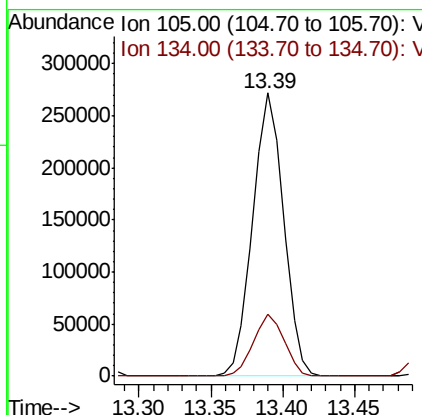
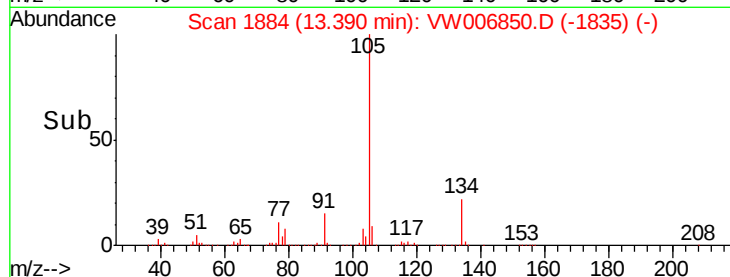
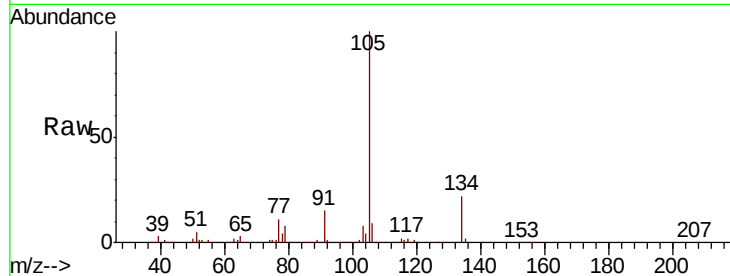
#85
 sec-Butylbenzene
 Concen: 20.982 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.7	10.7	31.9

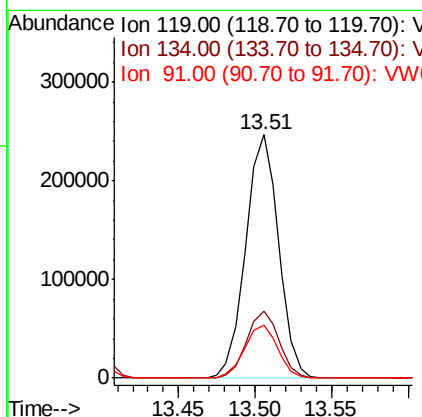
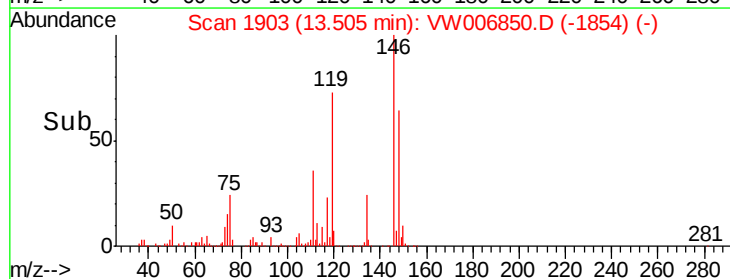
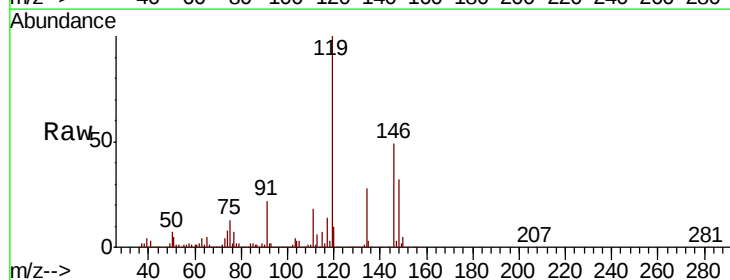
Manual Integrations
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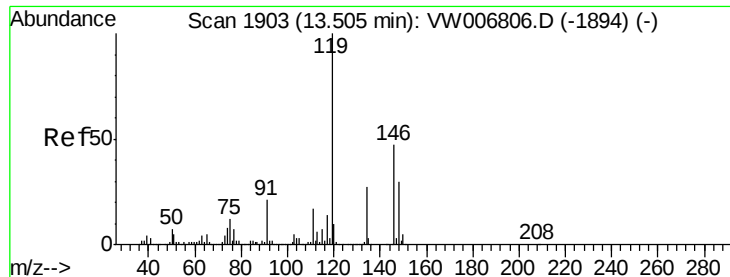
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#86
 p-Isopropyltoluene
 Concen: 21.029 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.5	40.4
91	22.1	10.8	32.4





#87

1,3-Dichlorobenzene

Concen: 20.777 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

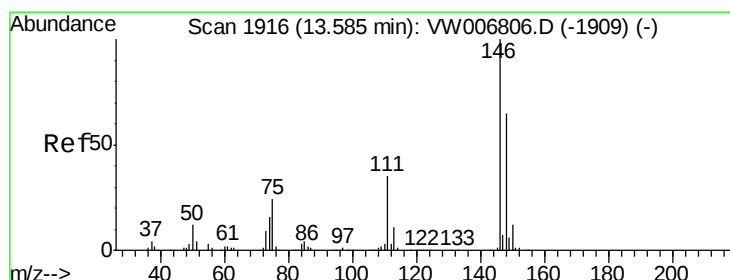
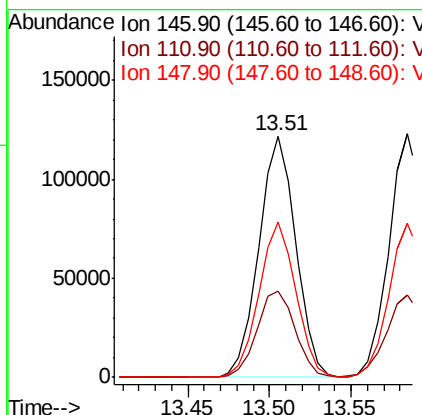
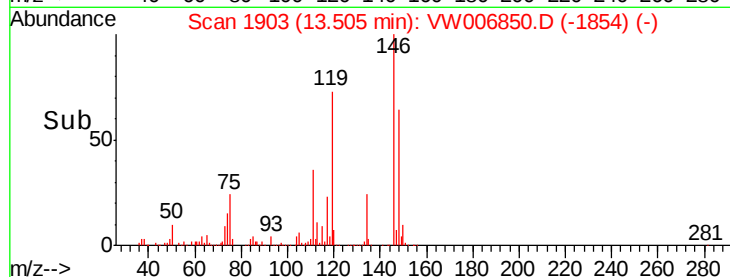
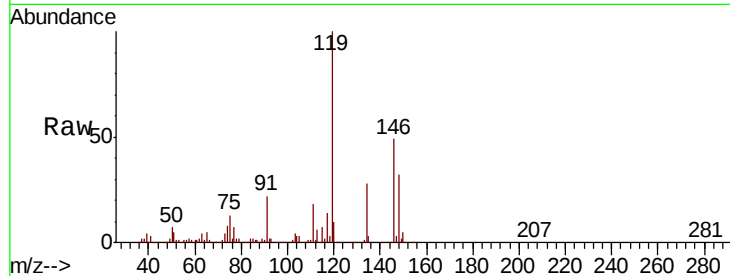
Instrument :
MSVOA_W

ClientSampleId :
VW1113BSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.3	54.9
148	63.8	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 20.954 ug/l

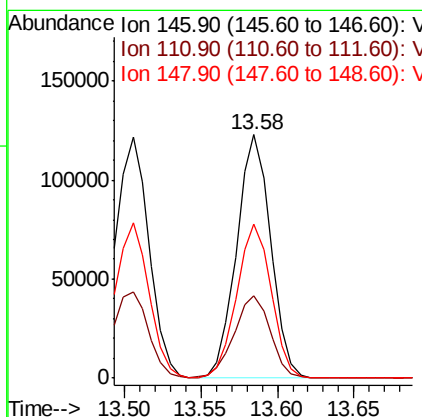
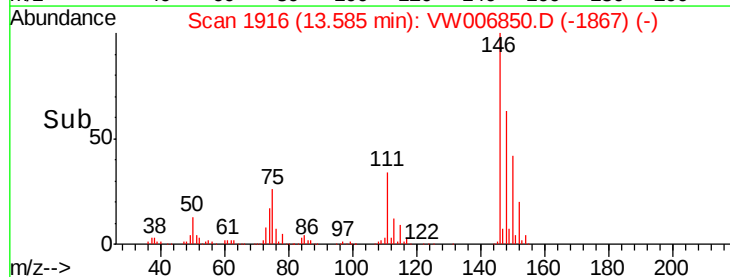
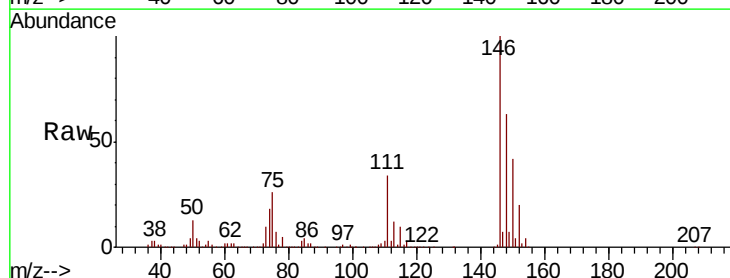
RT: 13.58 min Scan# 1916

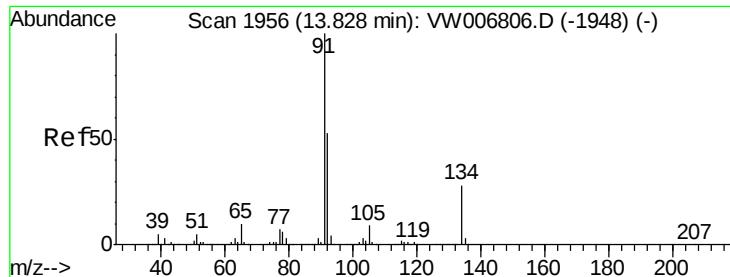
Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.8	53.3
148	64.5	32.0	96.0





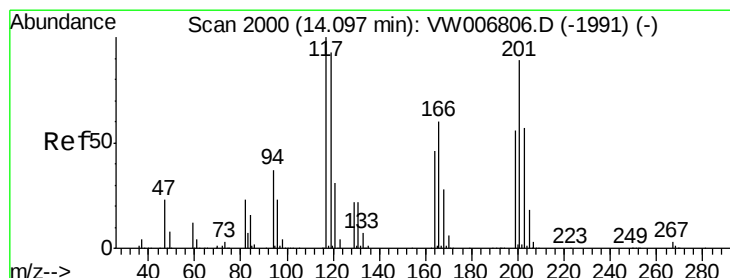
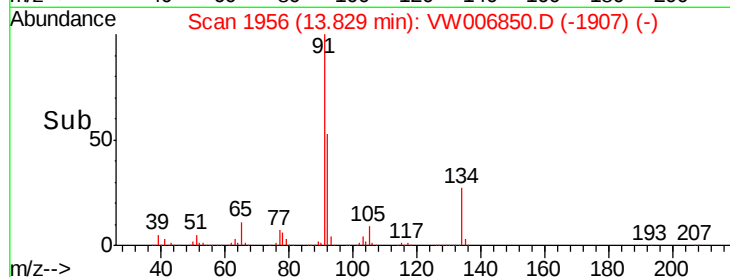
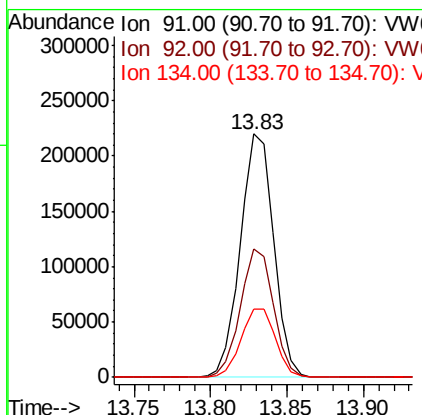
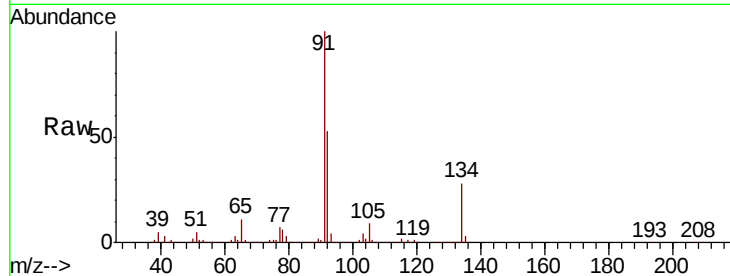
#89
n-Butylbenzene
Concen: 20.840 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.5	79.4
134	29.0	14.4	43.2

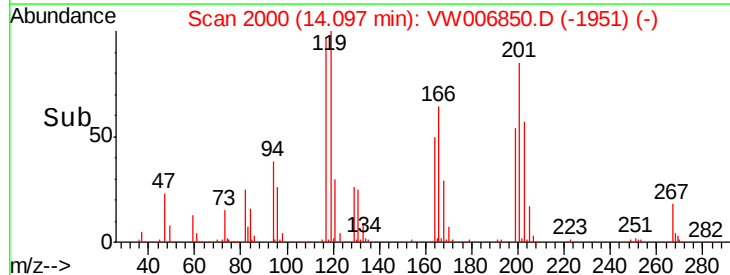
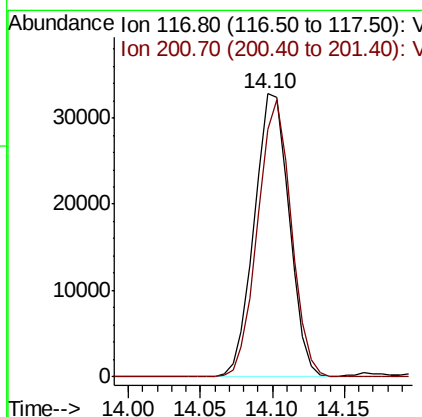
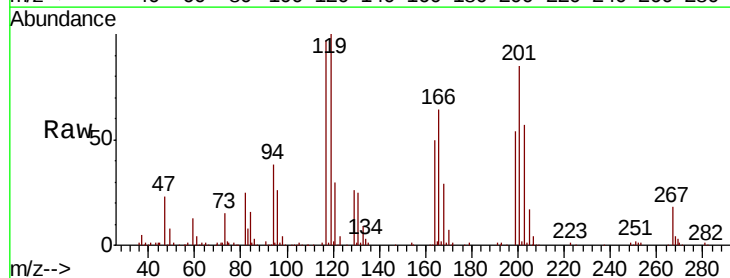
Manual Integrations
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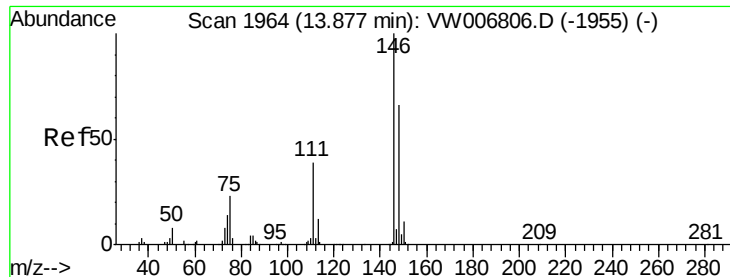
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#90
Hexachloroethane
Concen: 19.666 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.8	46.9	140.6





#91

1,2-Dichlorobenzene

Concen: 21.130 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006850.D

Acq: 13 Nov 2018 13:30

Instrument :

MSVOA_W

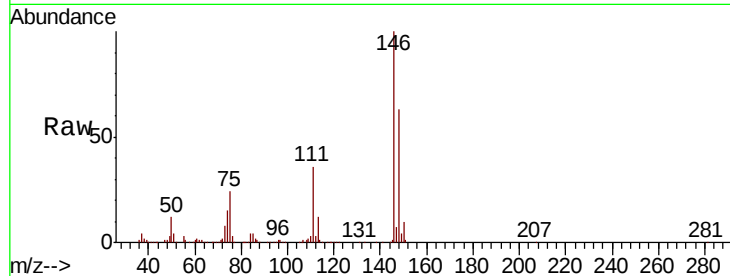
ClientSampleId :

VW1113SBSD01

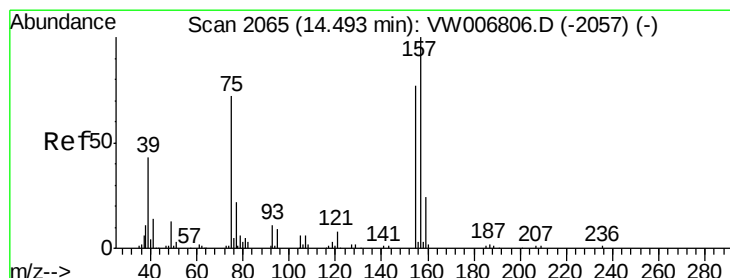
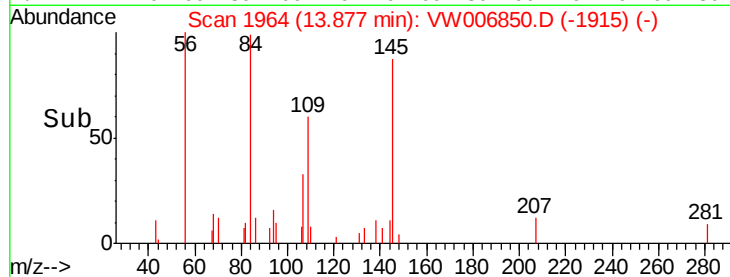
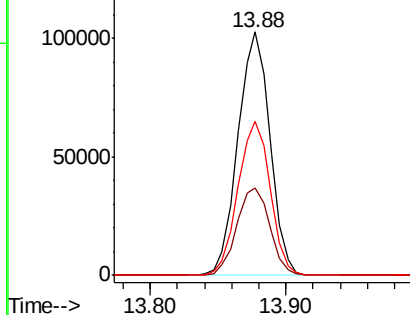
Tot Ion:	146	Resp:	168942
Ion Ratio		Lower	Upper
146	100		
111	37.1	19.3	57.8
148	63.6	32.4	97.2

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.843 ug/l

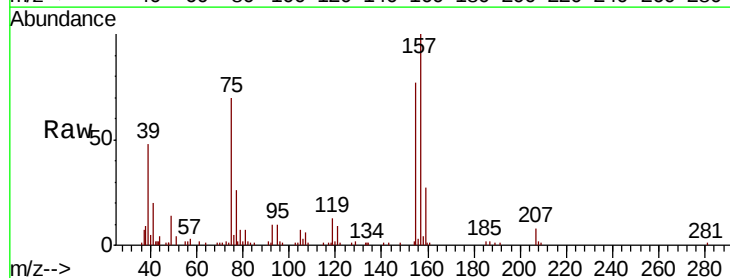
RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

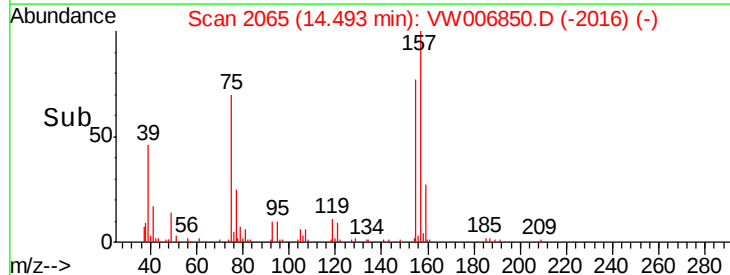
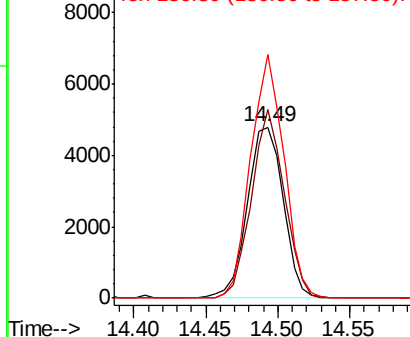
Lab File: VW006850.D

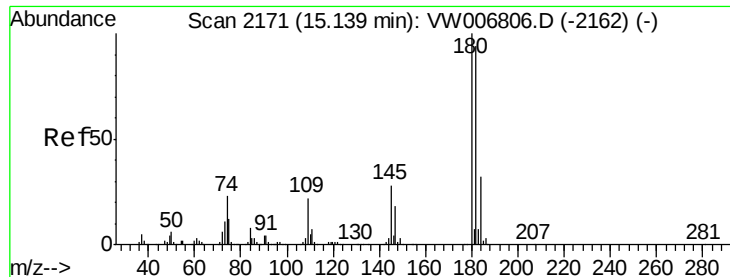
Acq: 13 Nov 2018 13:30

Tgt Ion:	75	Resp:	8248
Ion Ratio		Lower	Upper
75	100		
155	100.3	51.0	153.1
157	131.8	67.4	202.2



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





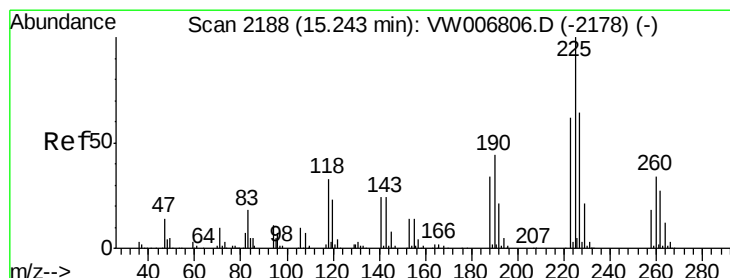
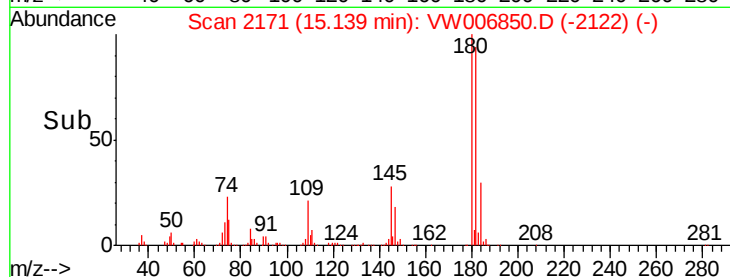
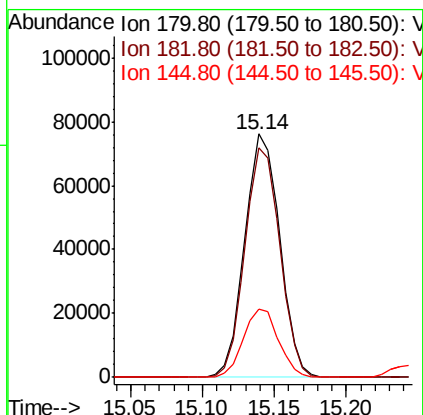
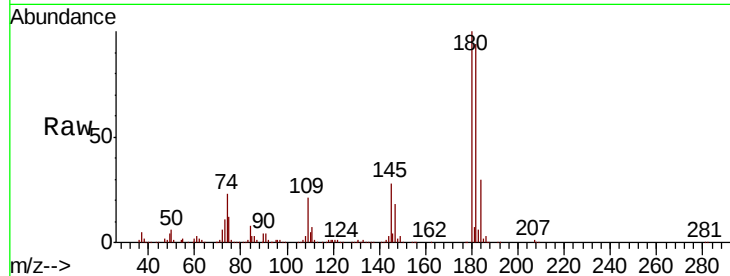
#93
 1,2,4-Trichlorobenzene
 Concen: 21.149 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion:	180	Resp:	127667
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.5	142.5
145	28.5	14.0	41.9

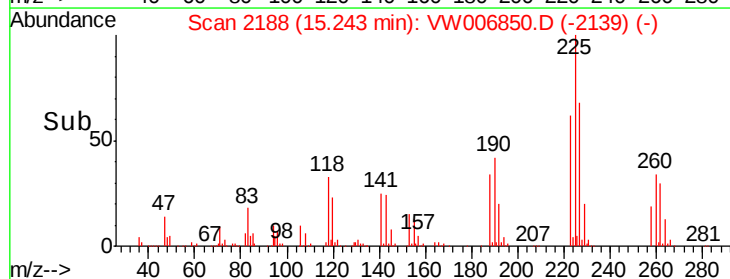
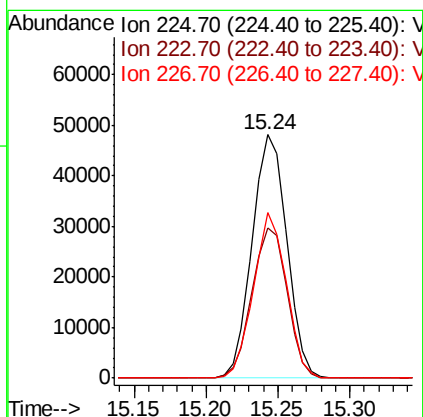
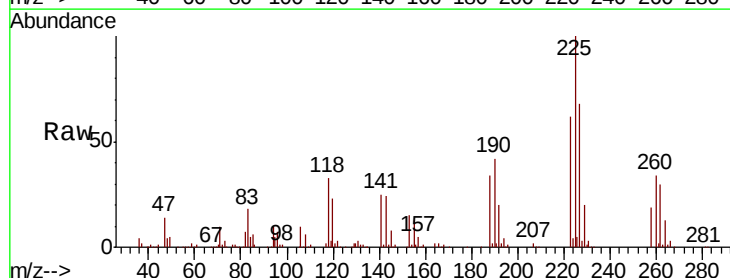
Manual Integrations
 APPROVED

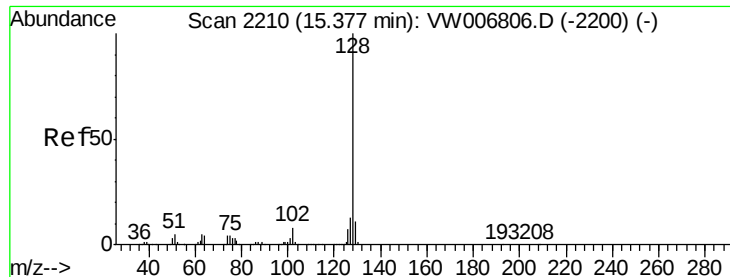
apatel
 11/14/2018 12:48:45 PM



#94
 Hexachlorobutadiene
 Concen: 20.942 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006850.D
 Acq: 13 Nov 2018 13:30

Tgt Ion:	225	Resp:	80107
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.2	93.6
227	64.4	32.3	96.9





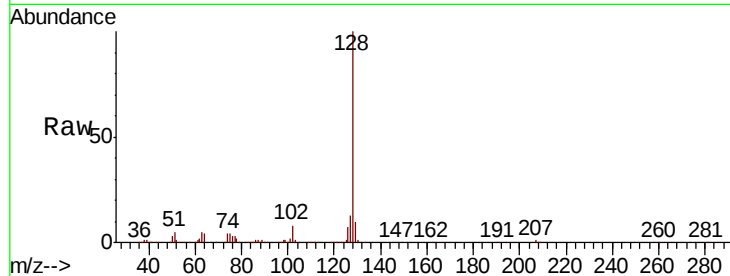
#95
Naphthalene
Concen: 21.519 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
11/14/2018 12:48:45 PM

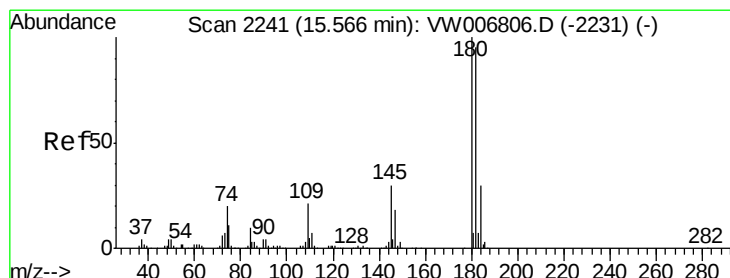
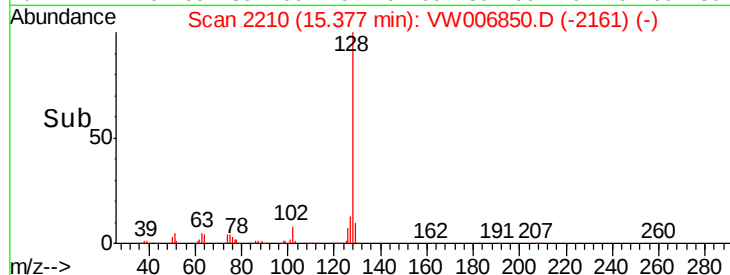
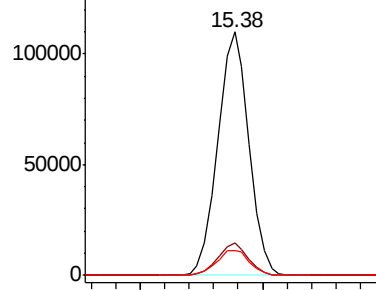


Abundance

Ion 128.00 (127.70 to 128.70): V

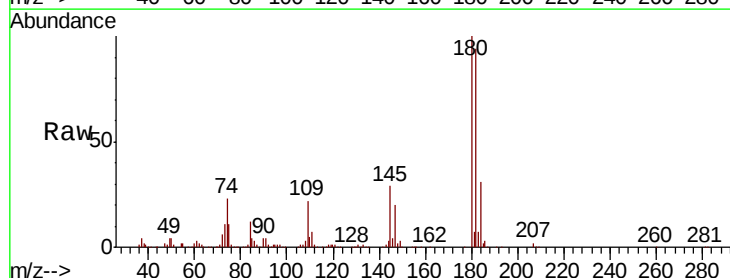
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.656 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006850.D
Acq: 13 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	30.0	15.2	45.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

