

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006847.D
 Acq On : 13 Nov 2018 11:49
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 11/14/2018 12:48:35 PM

Quant Time: Nov 13 16:20:15 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	365419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	478504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	465207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	271252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121686	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
35) Dibromofluoromethane	7.89	113	132833	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
50) Toluene-d8	10.33	98	563911	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	12.62	95	216363	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	140318	46.513	ug/l	97
3) Chloromethane	2.21	50	163178	47.980	ug/l	100
4) Vinyl Chloride	2.36	62	173264	47.459	ug/l	100
5) Bromomethane	2.78	94	122942	50.055	ug/l	97
6) Chloroethane	2.92	64	108570	46.086	ug/l	98
7) Trichlorofluoromethane	3.26	101	231682	48.077	ug/l	99
8) Diethyl Ether	3.69	74	68725	48.600	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	148550	45.461	ug/l	98
10) Methyl Iodide	4.28	142	200514	43.783	ug/l	100
11) Tert butyl alcohol	5.22	59	45689	260.557	ug/l	99
12) 1,1-Dichloroethene	4.04	96	132832	48.125	ug/l	94
13) Acrolein	3.90	56	56832	309.888	ug/l	99
14) Allyl chloride	4.68	41	176272	48.555	ug/l	99
15) Acrylonitrile	5.38	53	133088	248.514	ug/l	99
16) Acetone	4.15	43	94234	245.632	ug/l	95
17) Carbon Disulfide	4.39	76	412424	47.248	ug/l	99
18) Methyl Acetate	4.68	43	61350	46.750	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	334735	51.081	ug/l	100
20) Methylene Chloride	4.92	84	163715	46.513	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	151842	46.646	ug/l	98
22) Diisopropyl ether	6.32	45	370011	49.076	ug/l	100
23) Vinyl Acetate	6.26	43	1059951	249.379	ug/l	97
24) 1,1-Dichloroethane	6.23	63	237969	47.591	ug/l	100
25) 2-Butanone	7.18	43	159671	246.103	ug/l	100
26) 2,2-Dichloropropane	7.18	77	232659	46.244	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	168769	48.631	ug/l	99
28) Bromochloromethane	7.52	49	81567	46.635	ug/l	97
29) Tetrahydrofuran	7.54	42	101273	243.912	ug/l	98
30) Chloroform	7.68	83	259562	47.542	ug/l	100
31) Cyclohexane	7.96	56	231833	45.294	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	250372	47.509	ug/l	99
36) 1,1-Dichloropropene	8.09	75	217768	48.632	ug/l	99
37) Ethyl Acetate	7.26	43	73050	49.889	ug/l	99
38) Carbon Tetrachloride	8.07	117	228118	46.872	ug/l	99

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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)
39) Methylcyclohexane	9.34	83	285748	49.186	ug/l	99
40) Benzene	8.33	78	606152	48.681	ug/l	100
41) Methacrylonitrile	7.49	41	45353	50.445	ug/l	98
42) 1,2-Dichloroethane	8.40	62	161241	48.334	ug/l	99
43) Isopropyl Acetate	8.43	43	145231	50.999	ug/l	99
44) Trichloroethene	9.10	130	192395	48.970	ug/l	100
45) 1,2-Dichloropropane	9.37	63	142246	49.016	ug/l	97
46) Dibromomethane	9.46	93	78375	48.518	ug/l	99
47) Bromodichloromethane	9.65	83	193432	48.276	ug/l	100
48) Methyl methacrylate	9.44	41	69614	49.861	ug/l	100
49) 1,4-Dioxane	9.48	88	25904	1061.393	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	362917	254.158	ug/l	99
52) Toluene	10.39	92	440520	49.904	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	198314	50.276	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	234195	50.070	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	119355	49.792	ug/l	97
56) Ethyl methacrylate	10.65	69	140936	53.648	ug/l	97
57) 1,3-Dichloropropane	10.94	76	188288	49.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	331637	252.055	ug/l	98
59) 2-Hexanone	10.97	43	269281	273.402	ug/l	99
60) Dibromochloromethane	11.13	129	147010	50.120	ug/l	99
61) 1,2-Dibromoethane	11.24	107	115009	50.518	ug/l	99
64) Tetrachloroethene	10.87	164	183698	49.275	ug/l	99
65) Chlorobenzene	11.66	112	513687	49.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	164320	49.067	ug/l	100
67) Ethyl Benzene	11.74	91	896031	50.927	ug/l	98
68) m/p-Xylenes	11.84	106	737573	102.458	ug/l	99
69) o-Xylene	12.17	106	349214	52.123	ug/l	99
70) Styrene	12.18	104	561760	52.386	ug/l	99
71) Bromoform	12.35	173	89909	49.194	ug/l #	100
73) Isopropylbenzene	12.47	105	947241	50.309	ug/l	99
74) N-amyl acetate	12.28	43	152488	53.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	126250	48.471	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79529m	40.684	ug/l	
77) Bromobenzene	12.75	156	236326	49.784	ug/l	98
78) n-propylbenzene	12.81	91	1116466	50.241	ug/l	100
79) 2-Chlorotoluene	12.90	91	622393	49.920	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	826469	51.060	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	39114	49.494	ug/l	96
82) 4-Chlorotoluene	12.99	91	663307	49.864	ug/l	100
83) tert-Butylbenzene	13.21	119	731192	51.105	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	832984	50.569	ug/l	100
85) sec-Butylbenzene	13.39	105	1021167	50.367	ug/l	100
86) p-Isopropyltoluene	13.51	119	946956	51.349	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	481164	49.733	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	473875	49.507	ug/l	99
89) n-Butylbenzene	13.83	91	851509	50.524	ug/l	99
90) Hexachloroethane	14.10	117	142818	48.399	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	423272	50.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20805	49.892	ug/l	97

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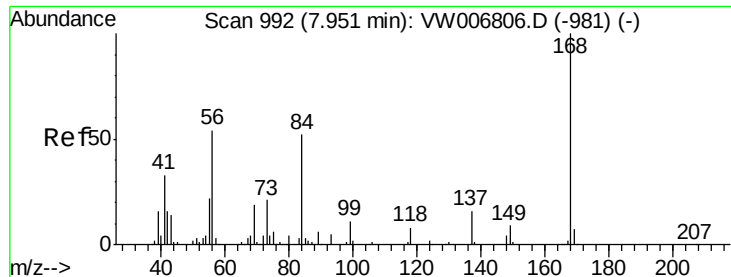
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	326697	51.358	ug/l	100
94) Hexachlorobutadiene	15.24	225	202898	50.337	ug/l	99
95) Naphthalene	15.38	128	509735	53.579	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	275521	50.472	ug/l	99

(#) = 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: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 365419

Ion Ratio Lower Upper

168 100

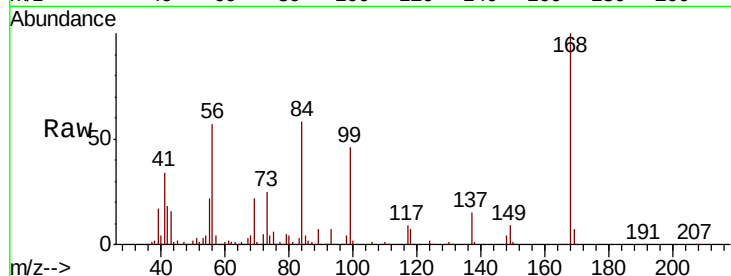
99 46.1 37.3 55.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

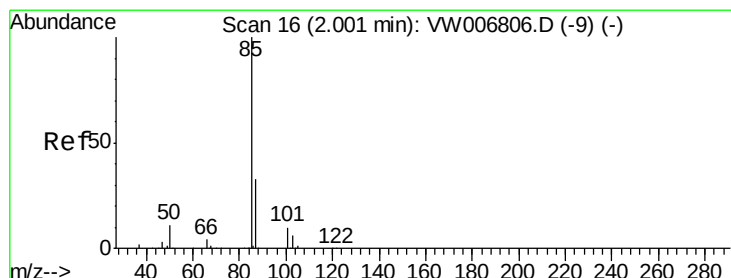
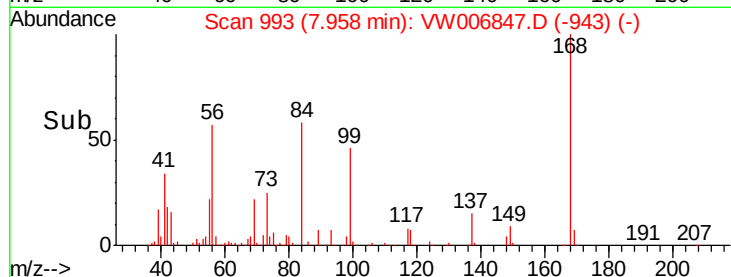
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.513 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006847.D

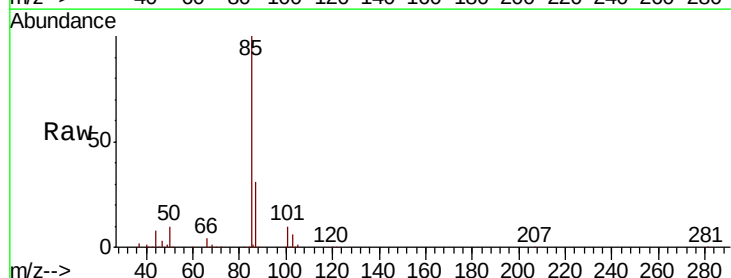
Acq: 13 Nov 2018 11:49

Tgt Ion: 85 Resp: 140318

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

120000

100000

80000

60000

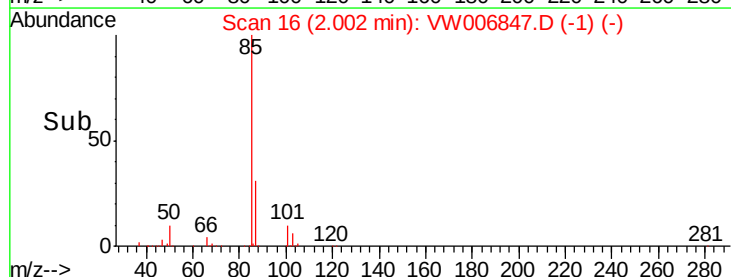
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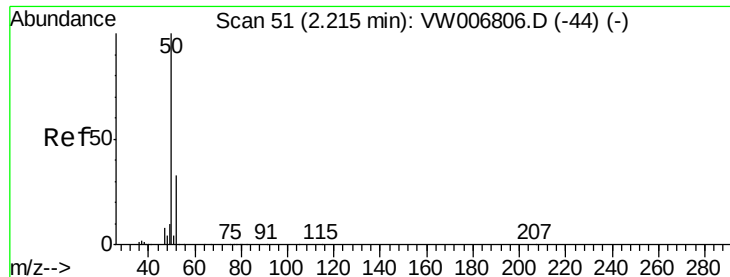
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 47.980 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 163178

Ion Ratio Lower Upper

50 100

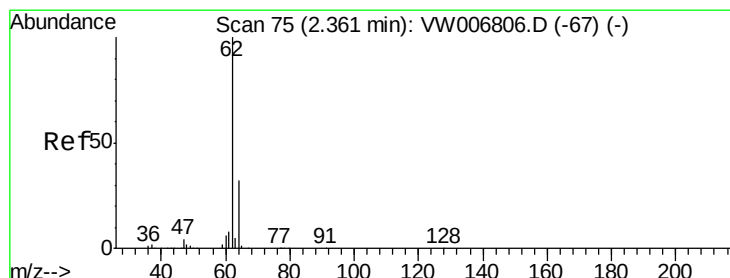
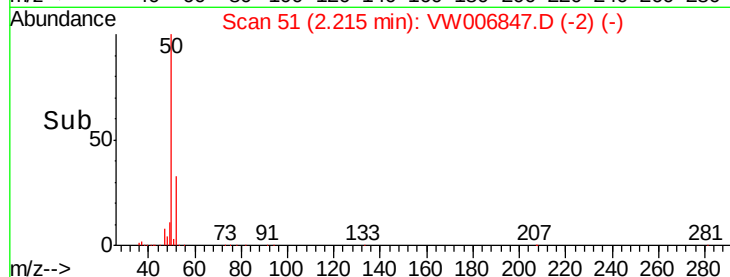
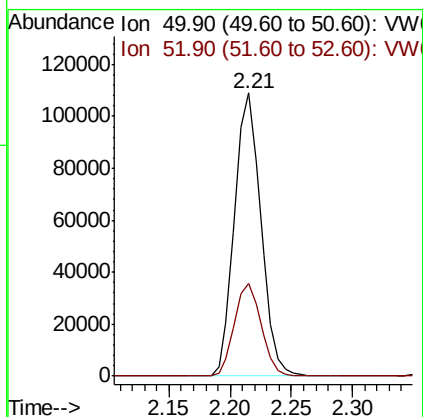
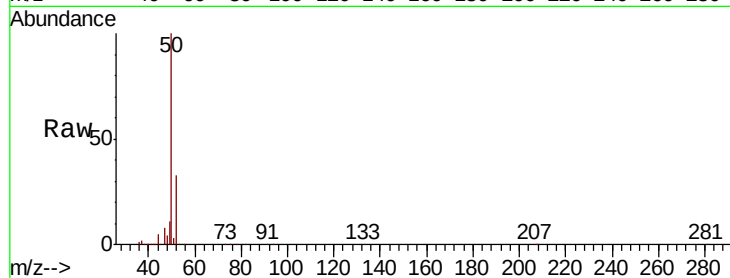
52 32.6 26.2 39.4

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#4

Vinyl Chloride

Concen: 47.459 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006847.D

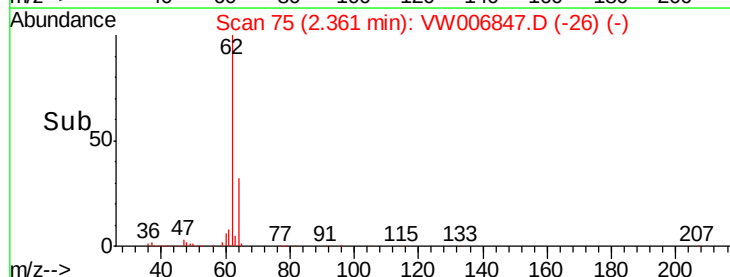
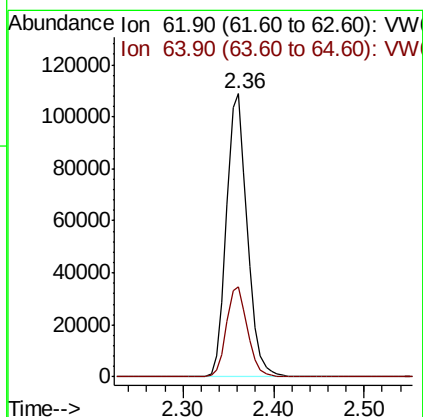
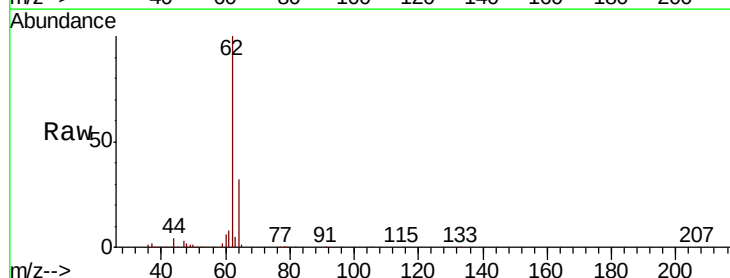
Acq: 13 Nov 2018 11:49

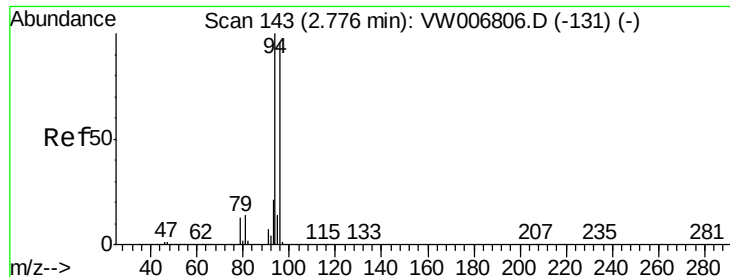
Tgt Ion: 62 Resp: 173264

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 50.055 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 122942

Ion Ratio Lower Upper

94 100

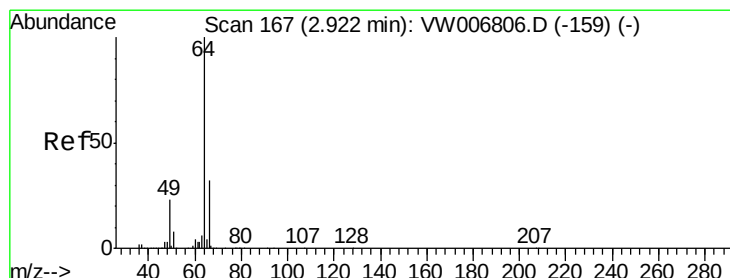
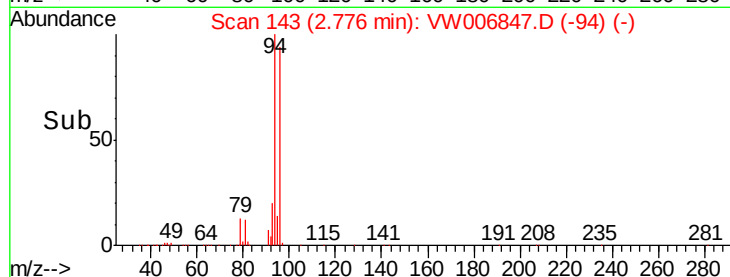
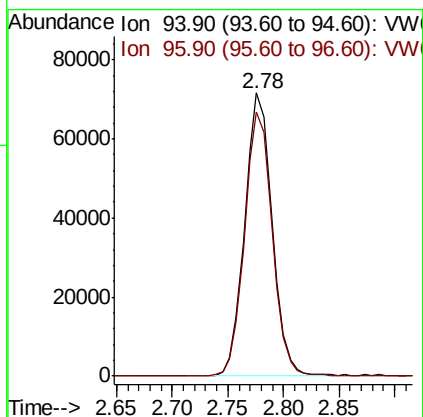
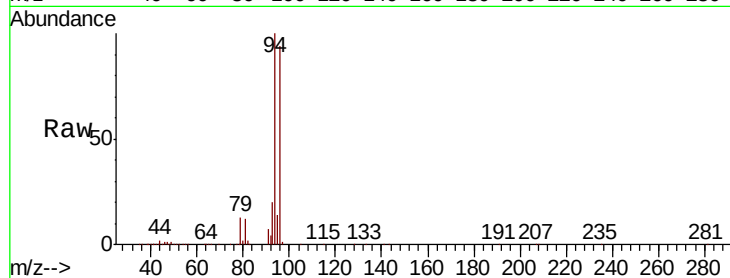
96 93.4 76.8 115.2

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#6

Chloroethane

Concen: 46.086 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006847.D

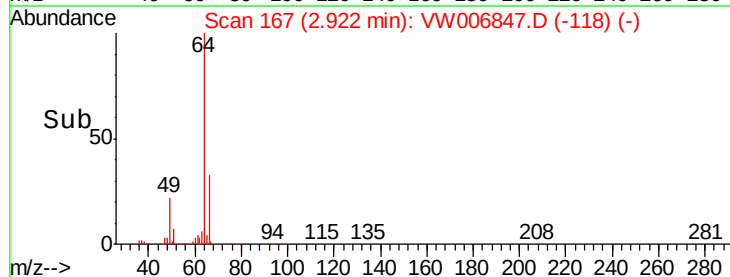
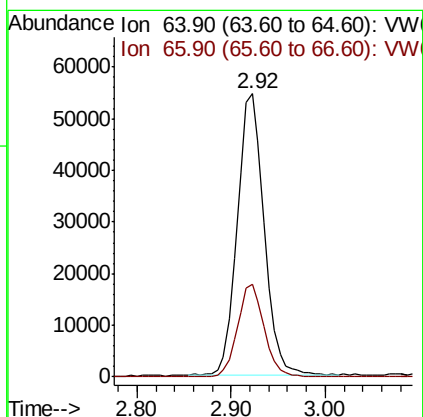
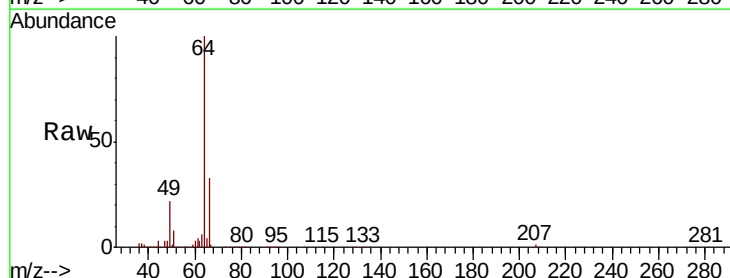
Acq: 13 Nov 2018 11:49

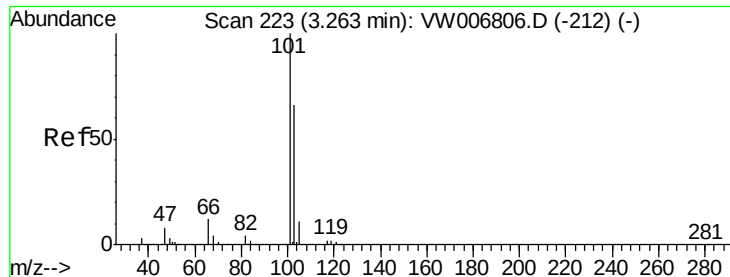
Tgt Ion: 64 Resp: 108570

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3





#7

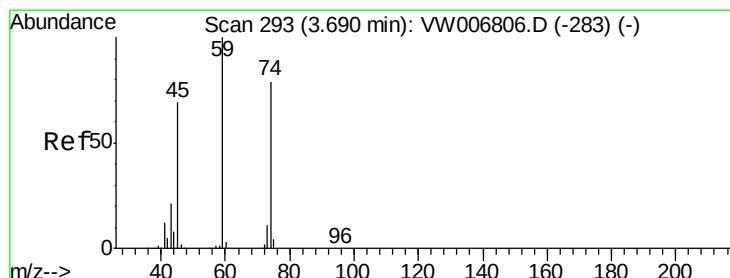
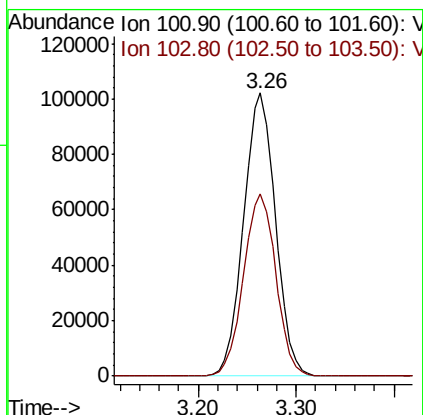
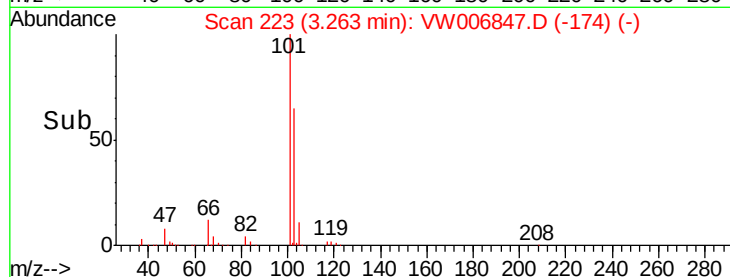
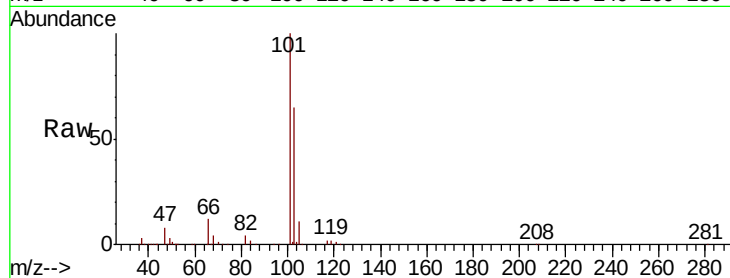
Trichlorofluoromethane
Concen: 48.077 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW006847.D
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.6	79.0

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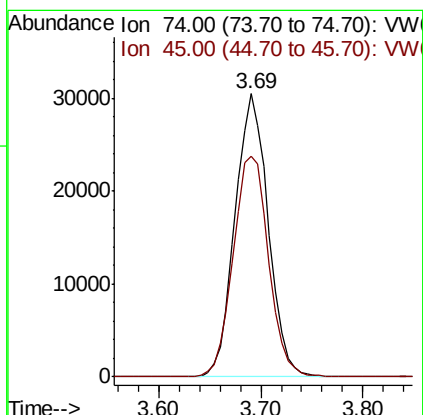
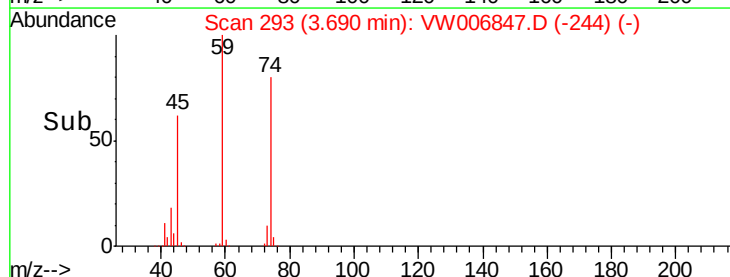
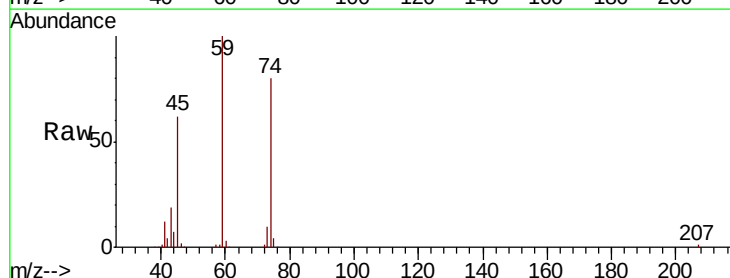
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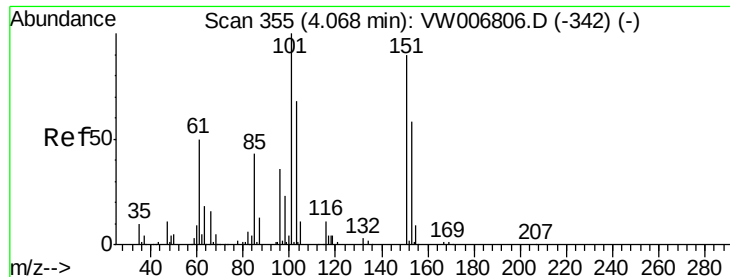


#8

Diethyl Ether
Concen: 48.600 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.3	43.1	129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.461 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

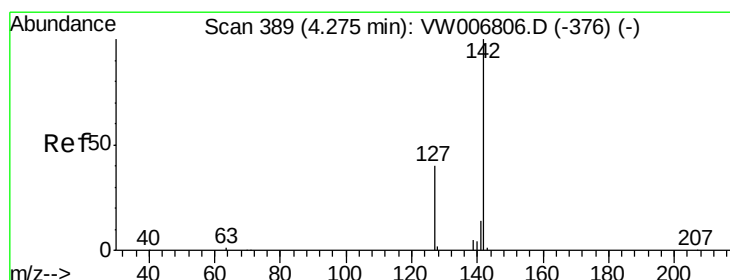
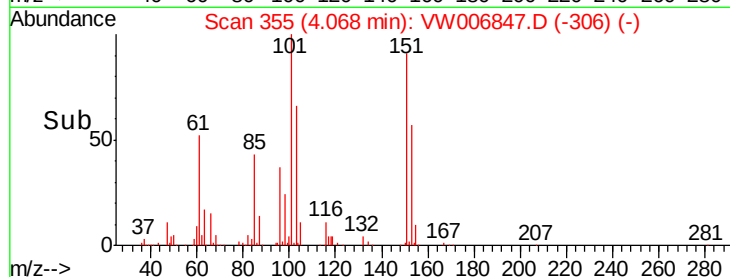
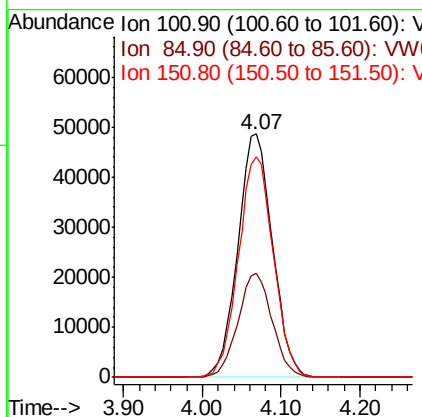
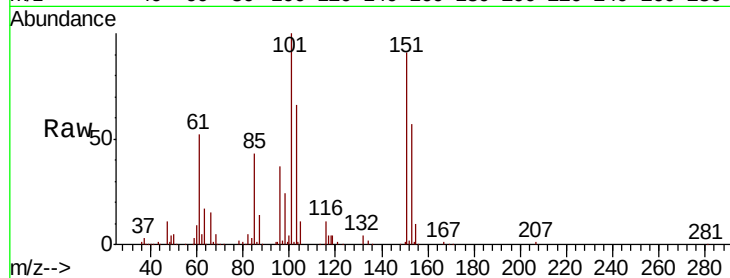
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	148550
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.8	50.8
151	91.4	71.4	107.0

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#10

Methyl Iodide

Concen: 43.783 ug/l

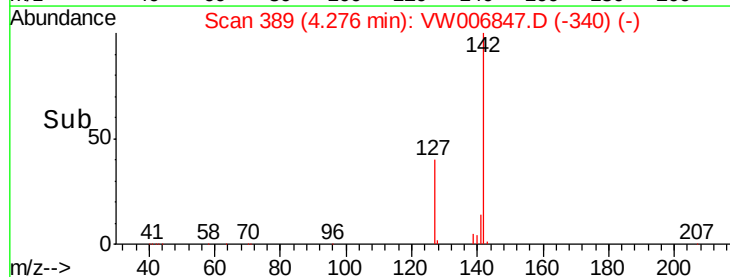
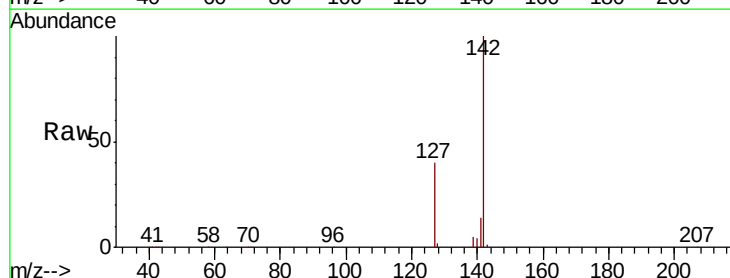
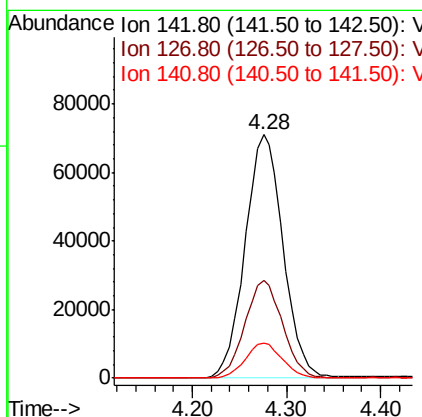
RT: 4.28 min Scan# 389

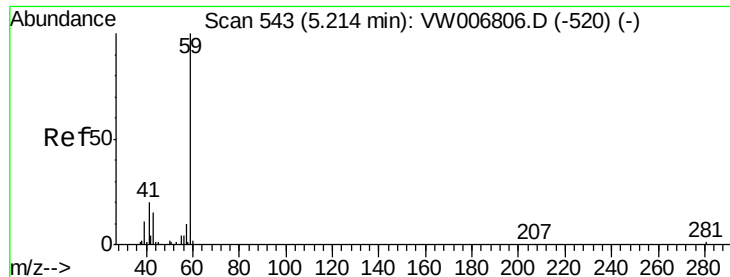
Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Tgt Ion:	142	Resp:	200514
Ion Ratio	Lower	Upper	
142	100		
127	40.0	31.8	47.8
141	14.2	11.5	17.3





#11

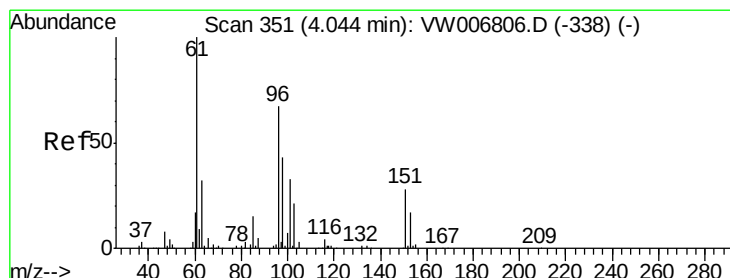
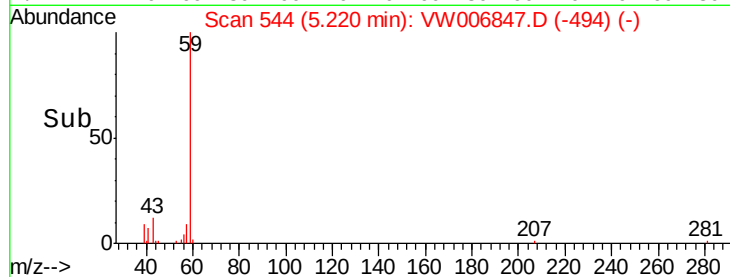
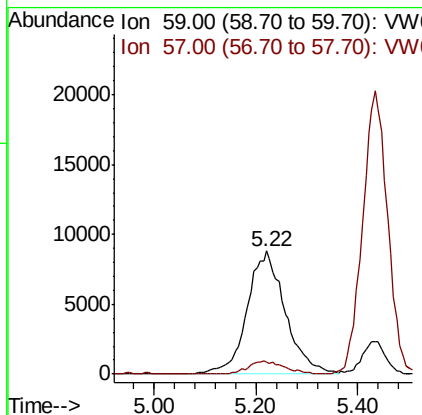
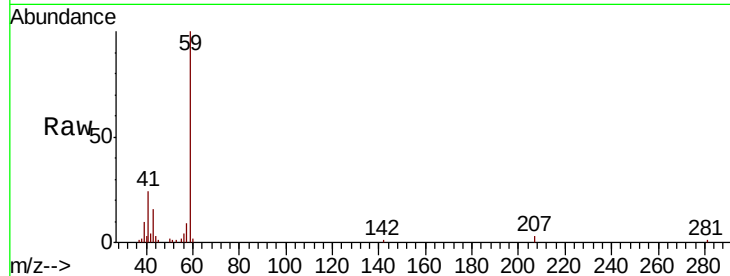
Tert butyl alcohol
Concen: 260.557 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	45689		
57	57	10.0		8.3	12.5

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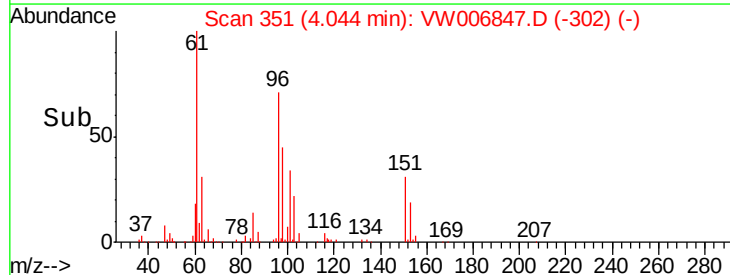
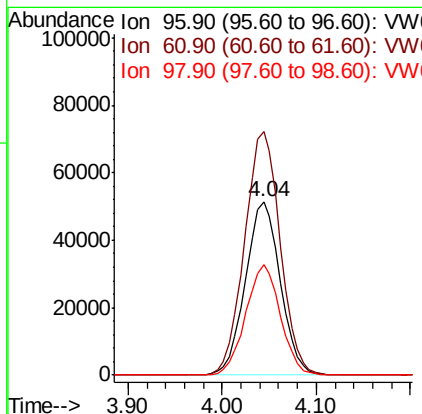
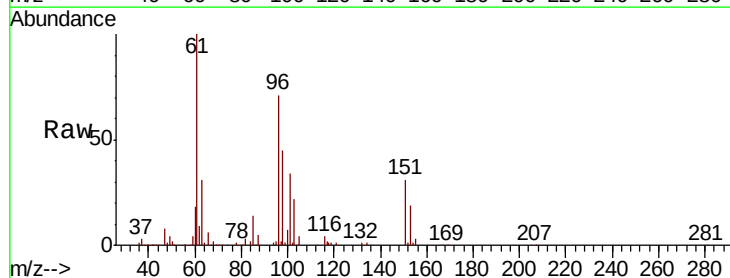
apatel
11/14/2018 12:48:35 PM

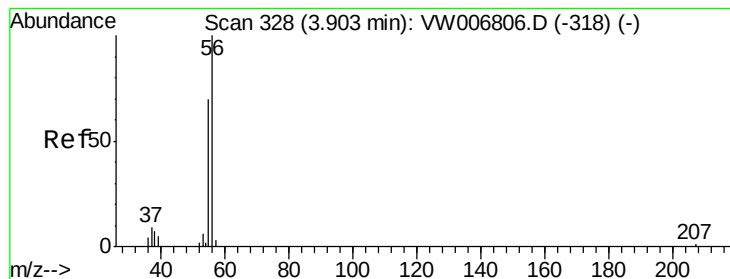


#12

1,1-Dichloroethene
Concen: 48.125 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	132832		
61	61	140.1		119.8	179.6
98	98	63.6		51.5	77.3





#13

Acrolein

Concen: 309.888 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 56832

Ion Ratio Lower Upper

56 100

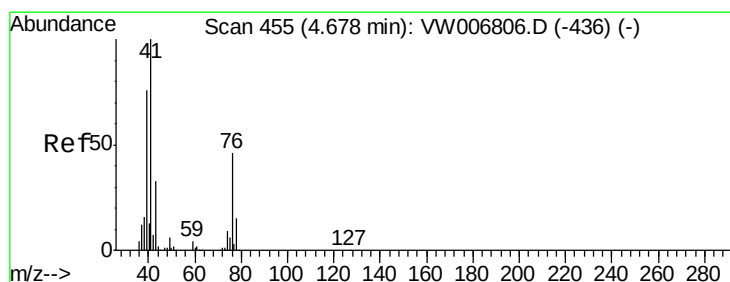
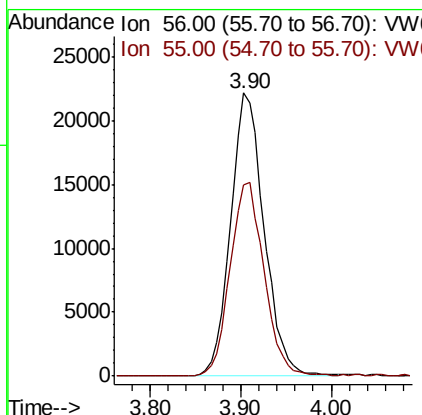
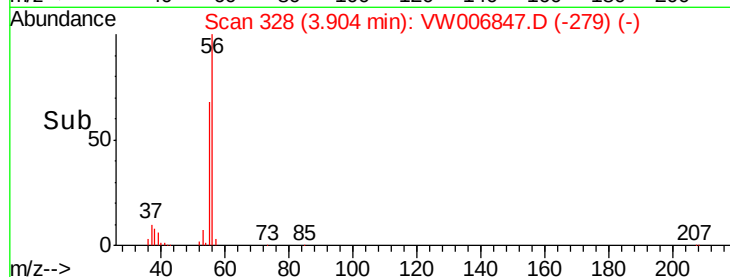
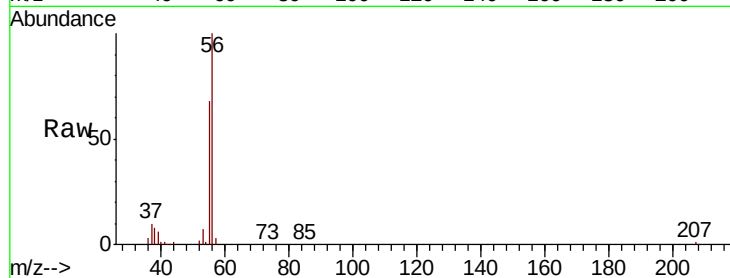
55 69.6 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 48.555 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

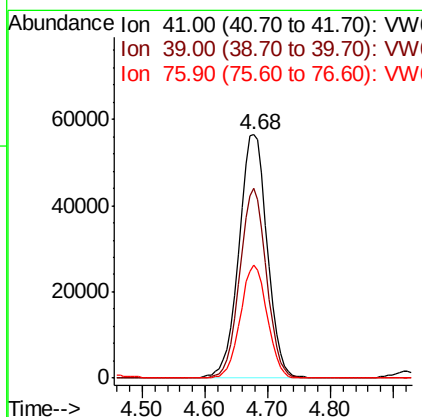
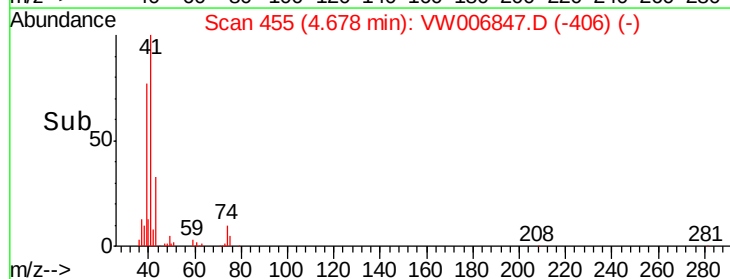
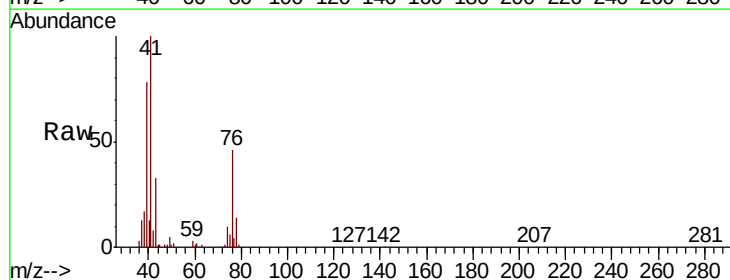
Tgt Ion: 41 Resp: 176272

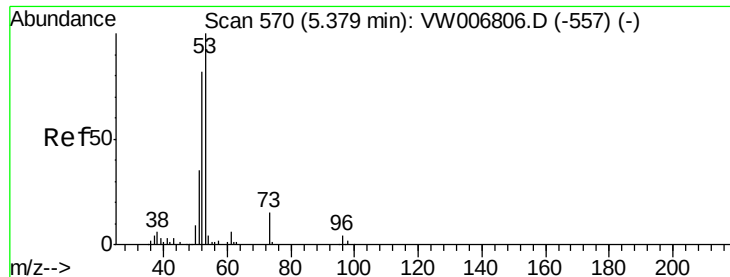
Ion Ratio Lower Upper

41 100

39 73.5 58.9 88.3

76 44.1 34.4 51.6





#15

Acrylonitrile

Concen: 248.514 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

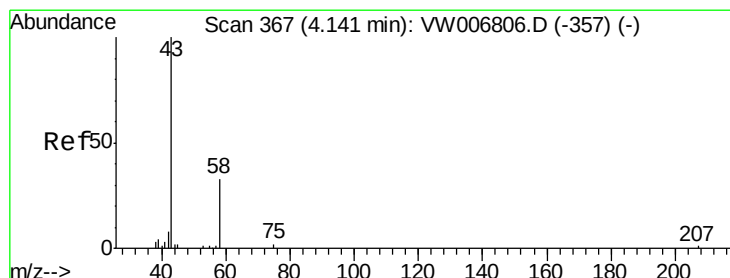
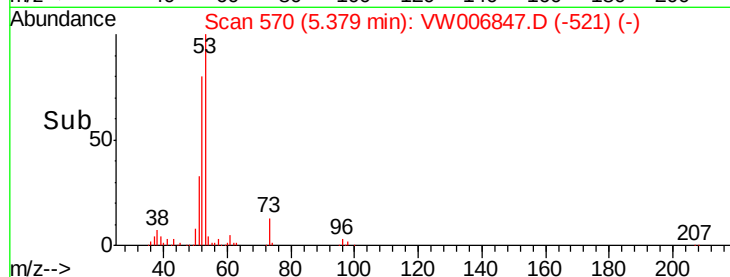
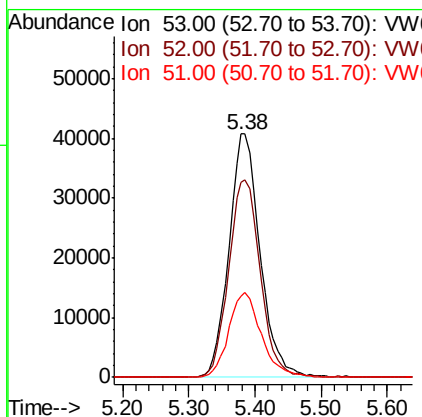
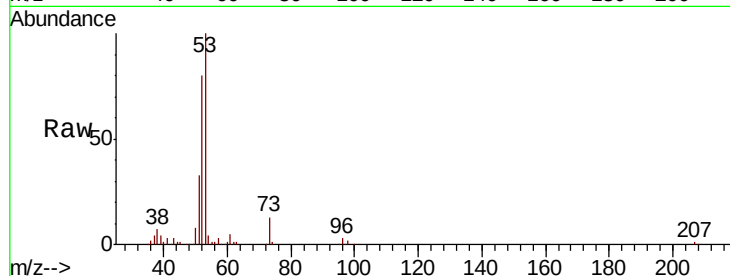
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	133088
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.2	97.8
51	36.4	30.0	45.0

Manual Integrations
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#16

Acetone

Concen: 245.632 ug/l

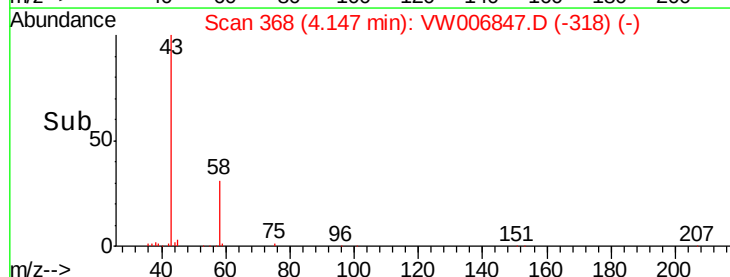
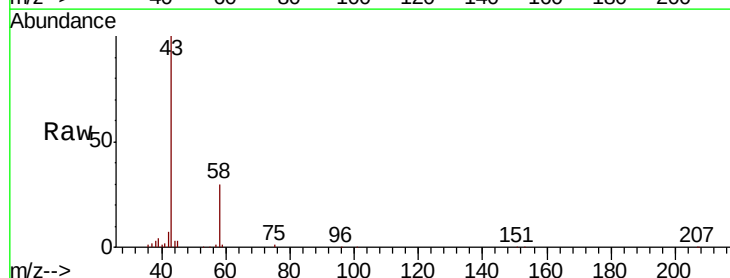
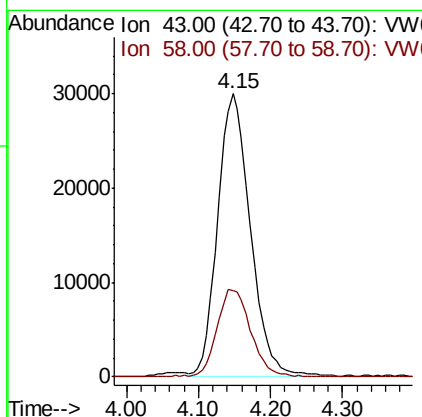
RT: 4.15 min Scan# 368

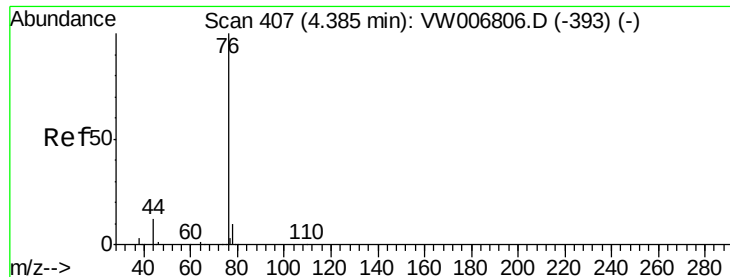
Delta R.T. 0.01 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Tgt Ion:	43	Resp:	94234
Ion Ratio	Lower	Upper	
43	100		
58	30.5	26.5	39.7





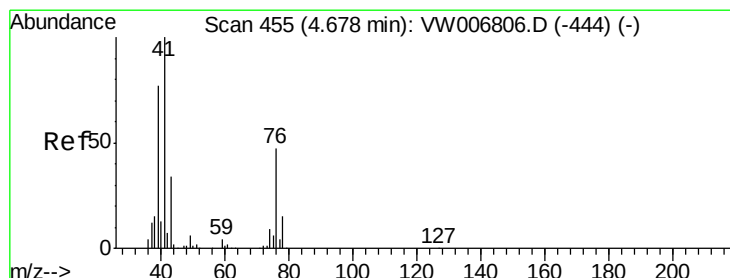
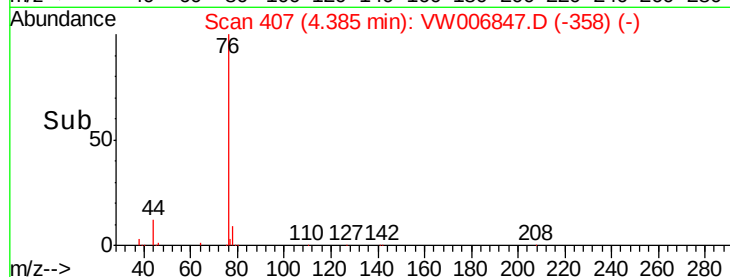
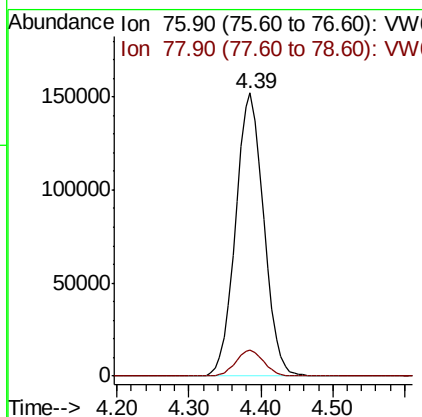
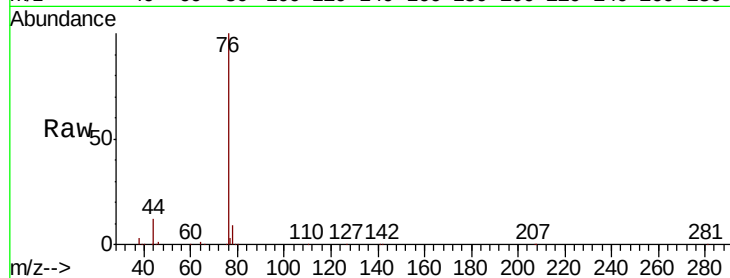
#17
Carbon Disulfide
Concen: 47.248 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.6	11.4

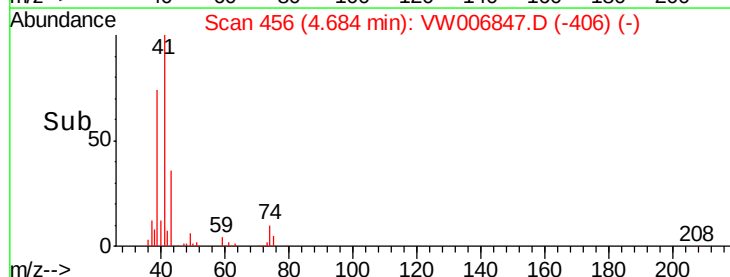
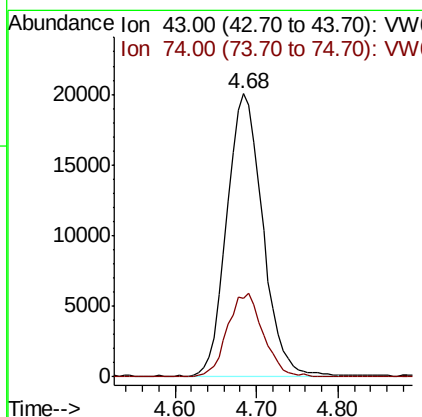
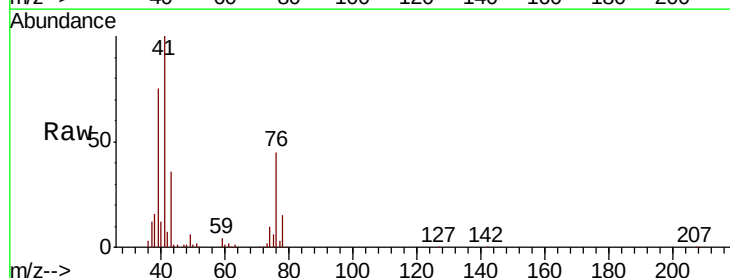
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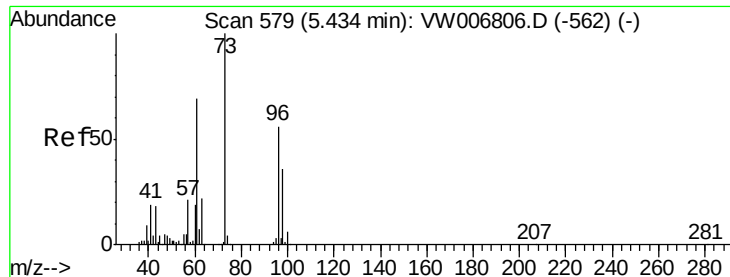
apatel
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#18
Methyl Acetate
Concen: 46.750 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.3	21.9	32.9





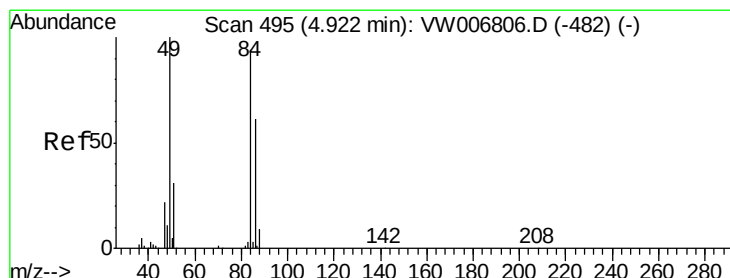
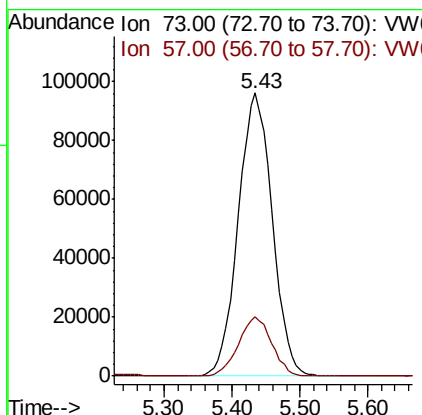
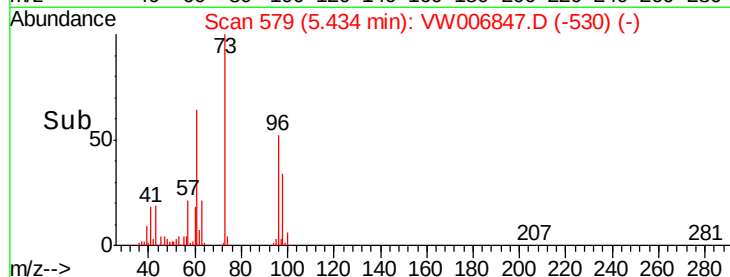
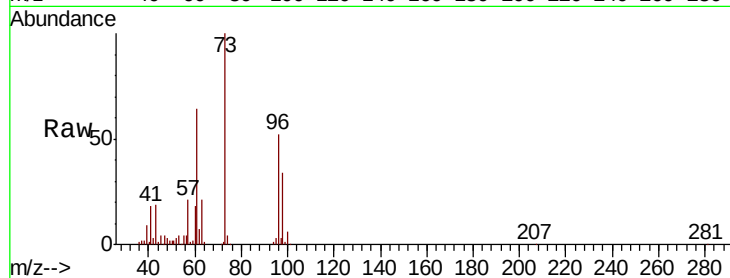
#19
Methyl tert-butyl Ether
Concen: 51.081 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.8	25.2

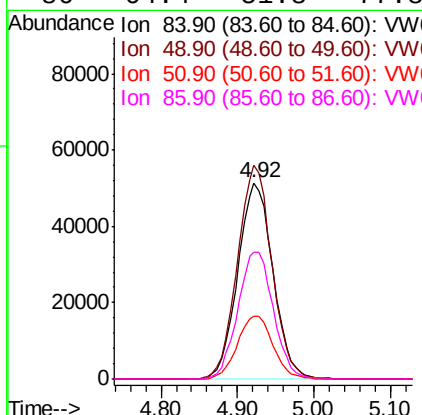
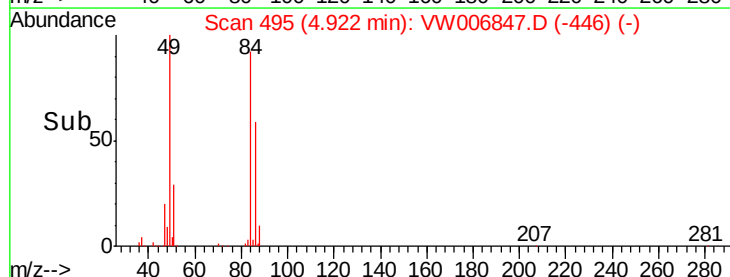
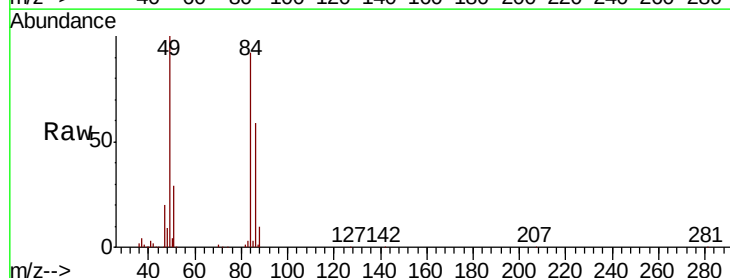
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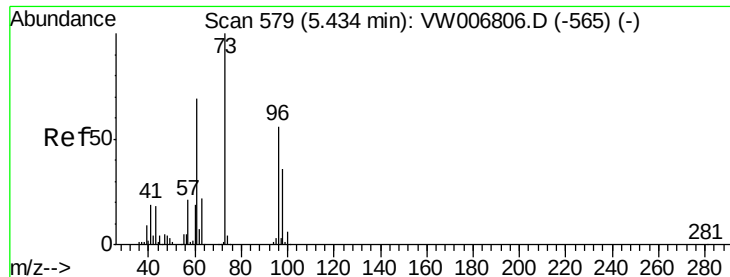
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#20
Methylene Chloride
Concen: 46.513 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.8	84.8	127.2
51	31.7	26.2	39.4
86	64.4	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 46.646 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

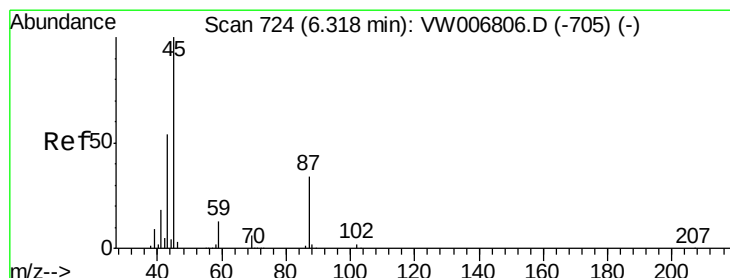
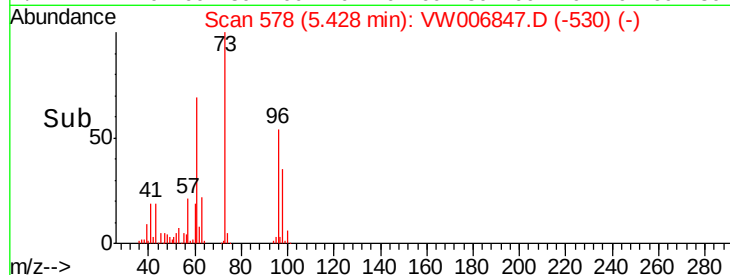
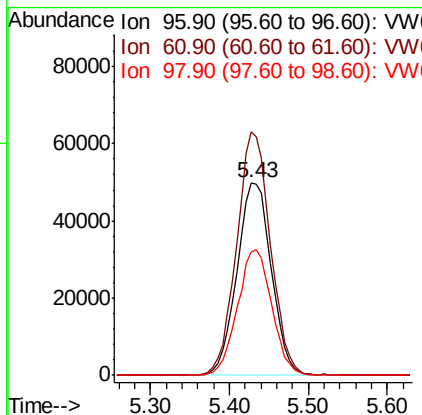
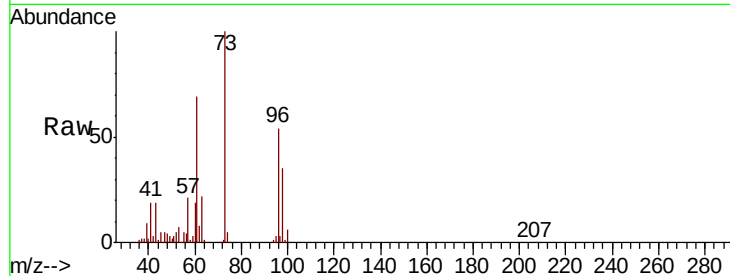
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	151842
Ion	Ratio	Lower	Upper
96	100		
61	126.3	98.7	148.1
98	63.8	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.076 ug/l

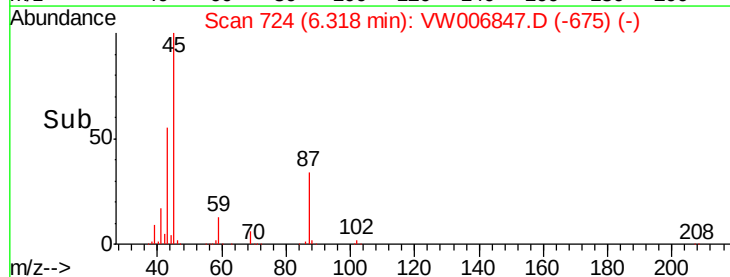
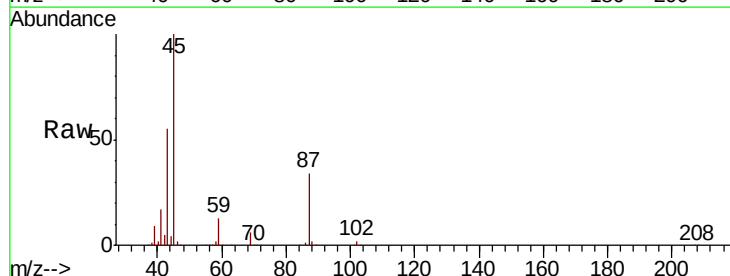
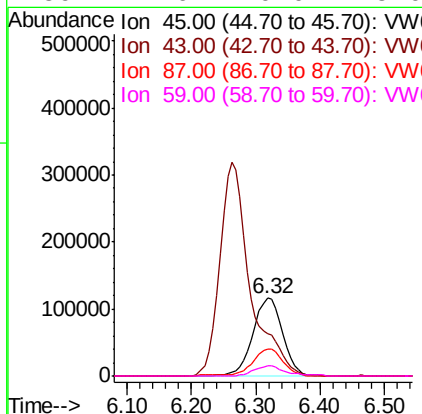
RT: 6.32 min Scan# 724

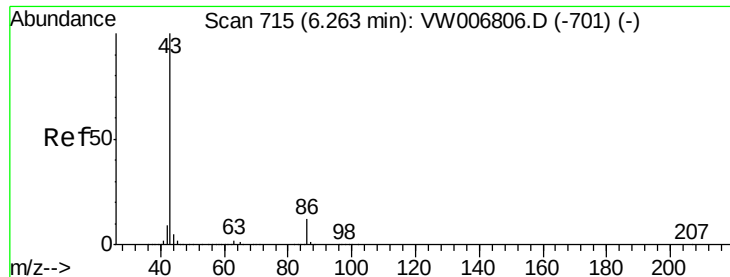
Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Tgt Ion:	45	Resp:	370011
Ion	Ratio	Lower	Upper
45	100		
43	54.7	43.7	65.5
87	34.3	27.2	40.8
59	12.6	10.0	15.0





#23

Vinyl Acetate

Concen: 249.379 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1059951

Ion Ratio Lower Upper

43 100

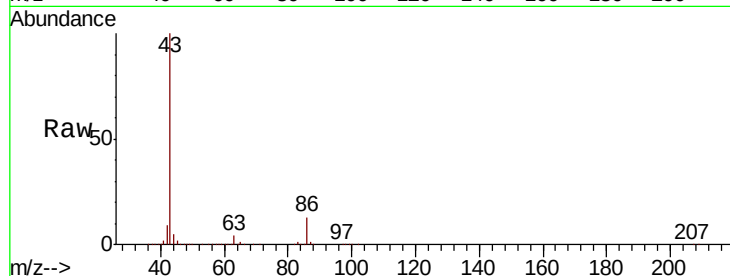
86 13.1 9.6 14.4

Manual Integrations

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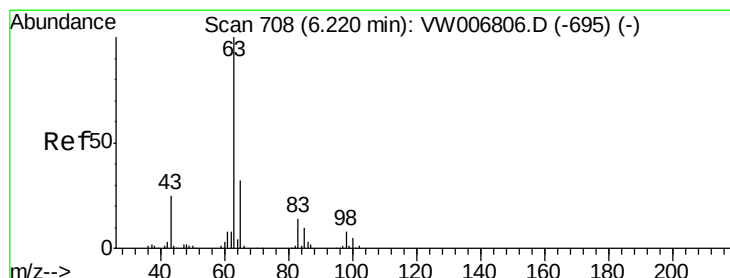
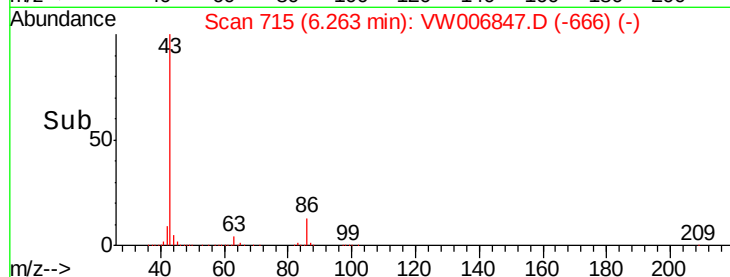
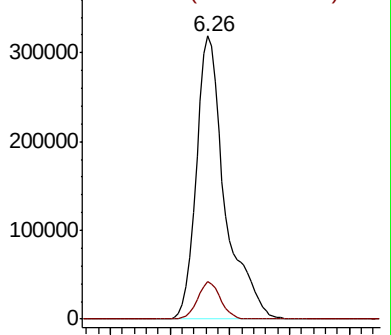
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 47.591 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

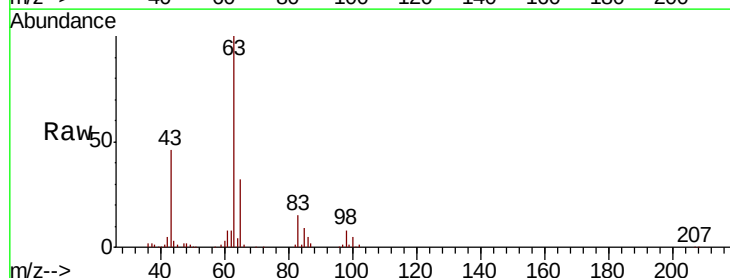
Tgt Ion: 63 Resp: 237969

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

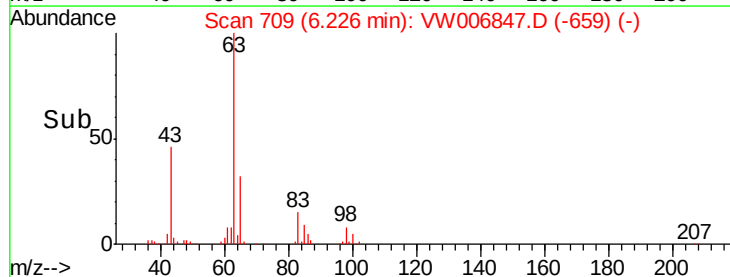
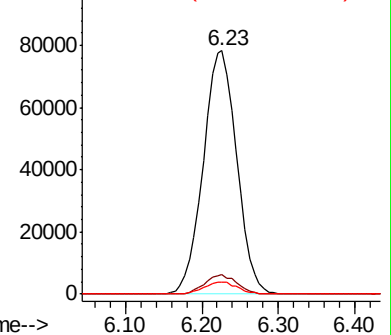
100 4.9 2.4 7.2

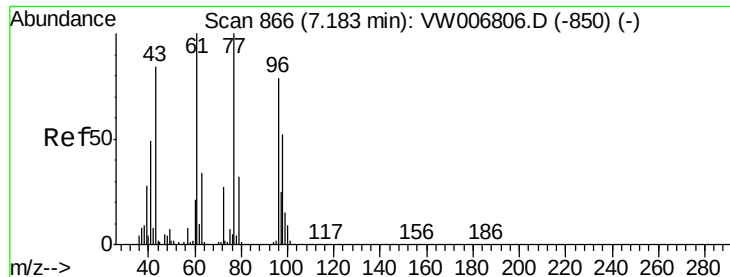


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 246.103 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 159671

Ion Ratio Lower Upper

43 100

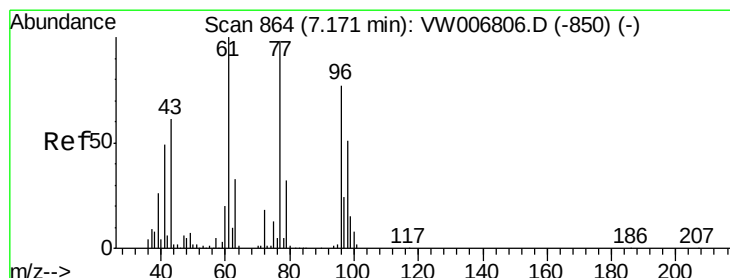
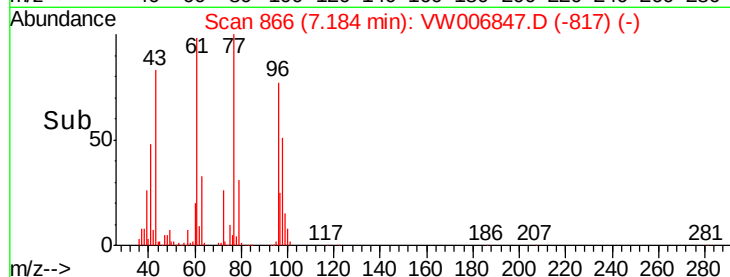
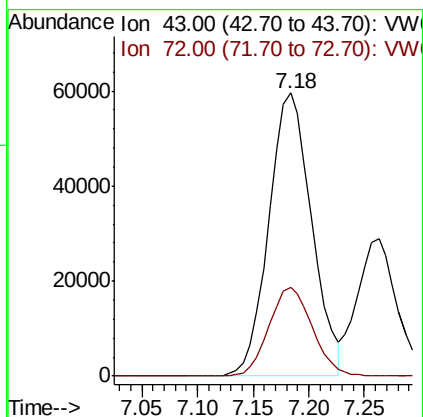
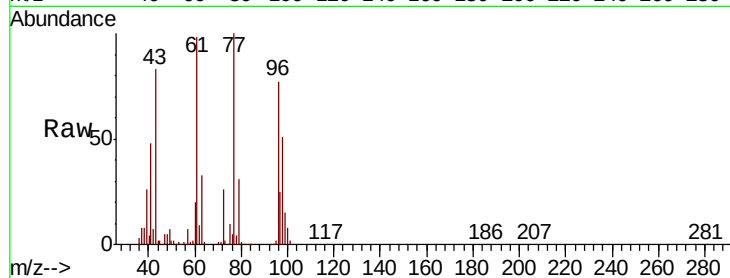
72 31.5 25.3 37.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.244 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006847.D

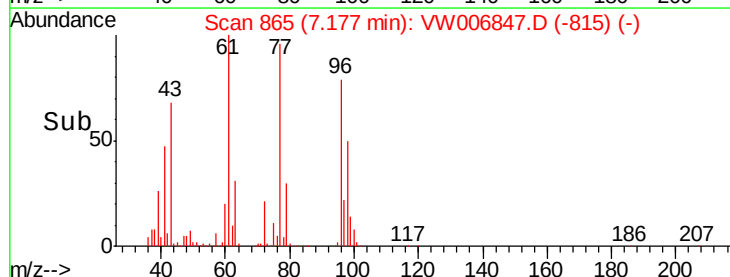
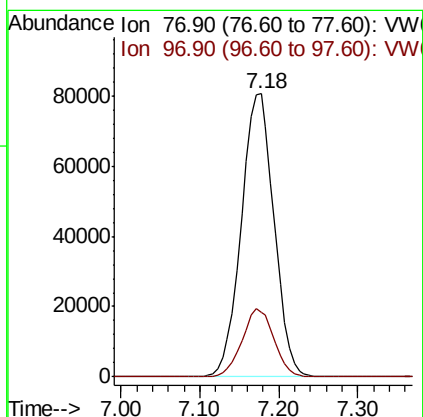
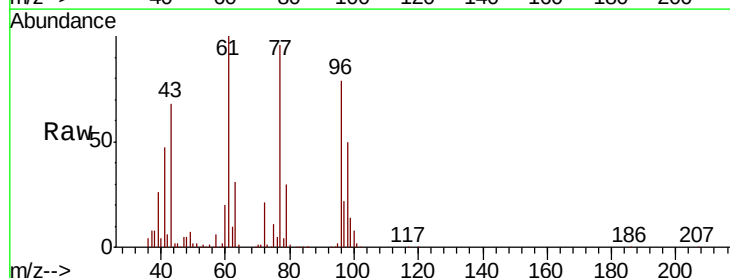
Acq: 13 Nov 2018 11:49

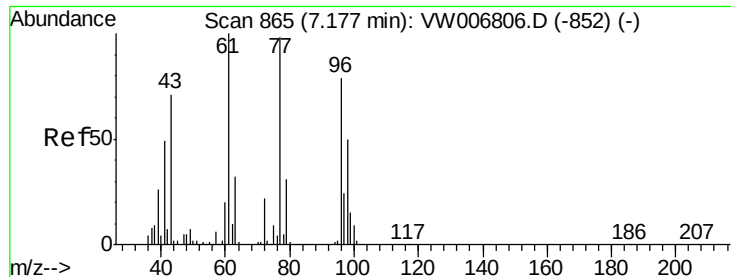
Tgt Ion: 77 Resp: 232659

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1





#27

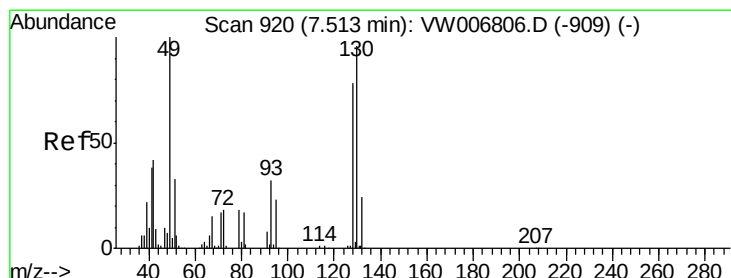
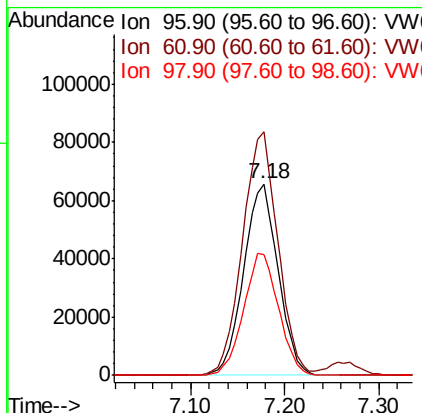
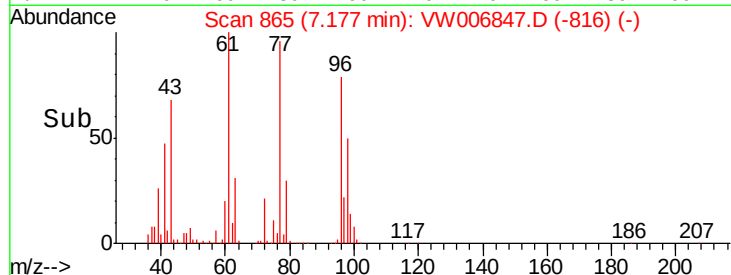
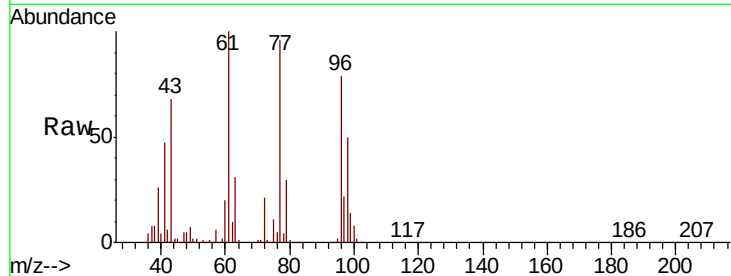
cis-1,2-Dichloroethene
Concen: 48.631 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	264.0
98	64.6	0.0	131.0

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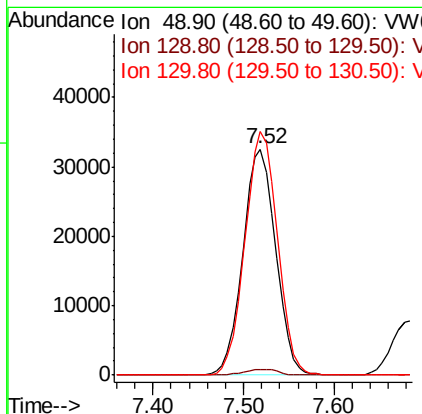
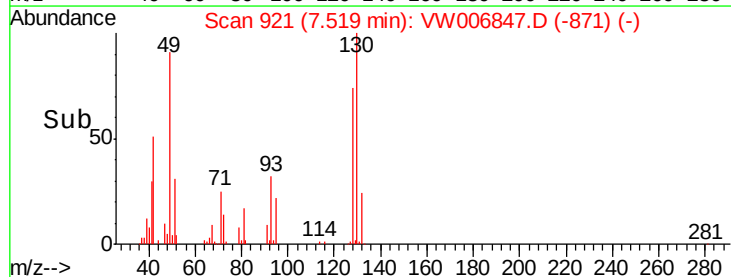
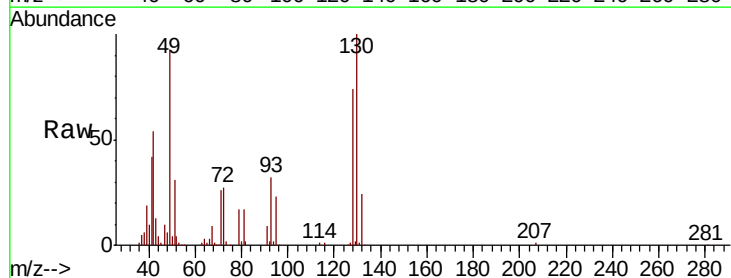
apatel
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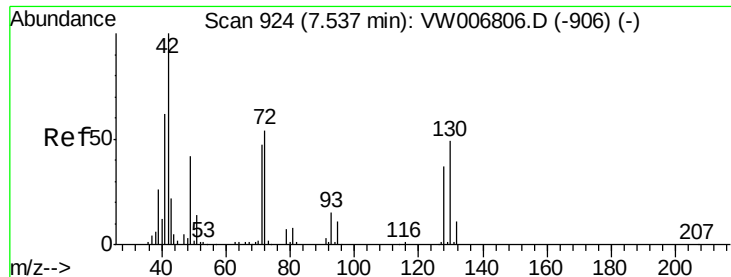


#28

Bromochloromethane
Concen: 46.635 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	106.7	83.3	124.9





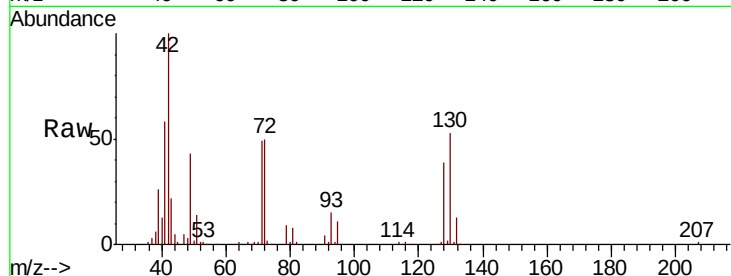
#29
Tetrahydrofuran
Concen: 243.912 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	40.9	61.3
71	48.4	36.9	55.3

Manual Integrations
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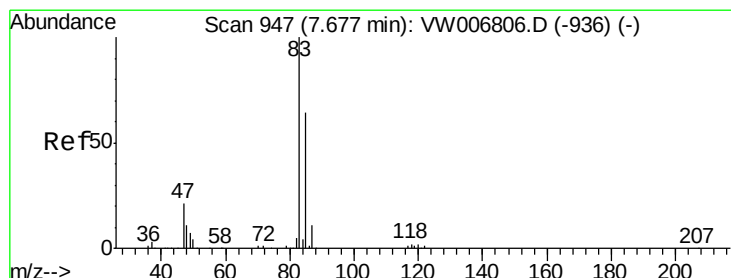
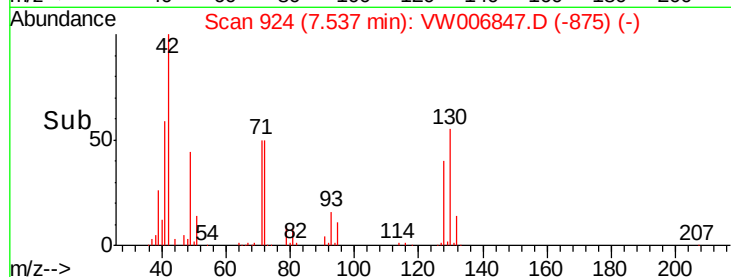
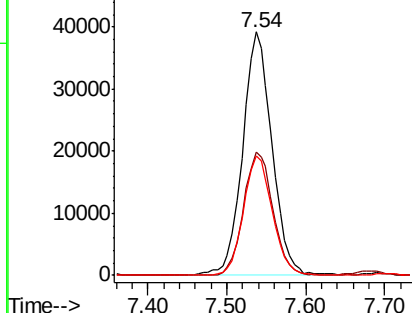


Abundance

Ion 42.00 (41.70 to 42.70): VW

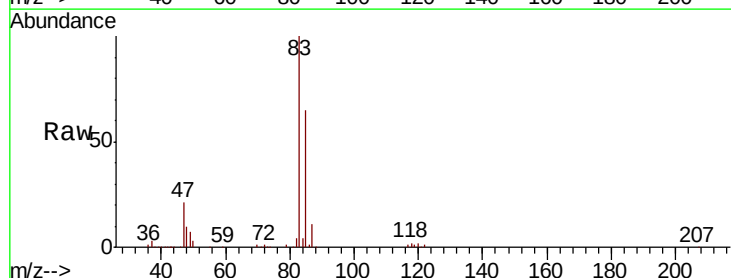
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 47.542 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

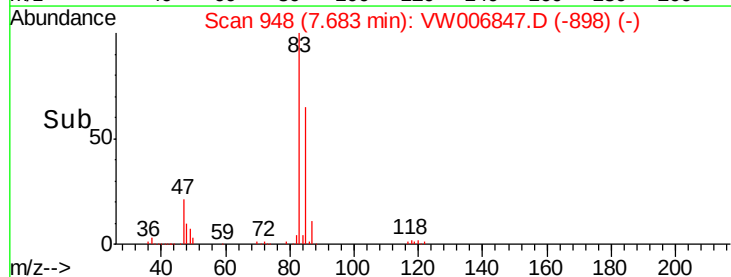
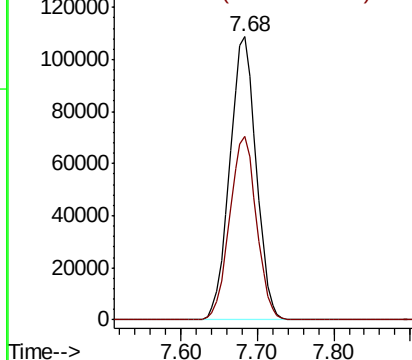
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.5	77.3

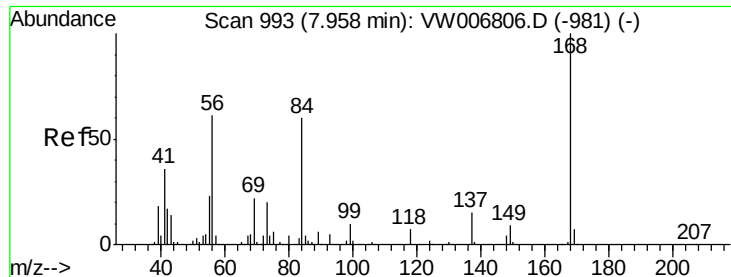


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





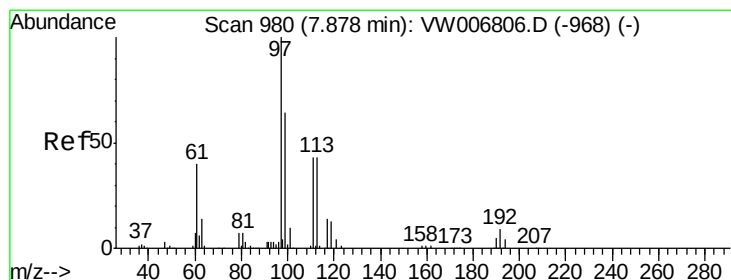
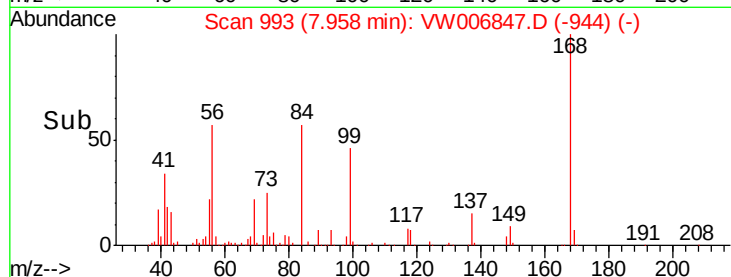
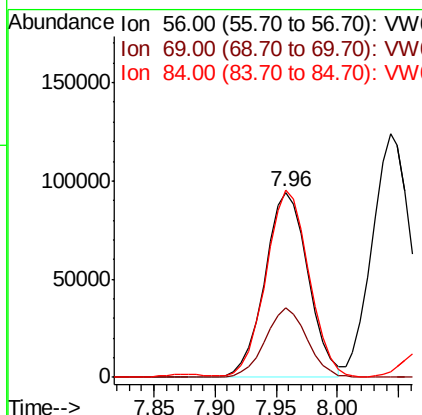
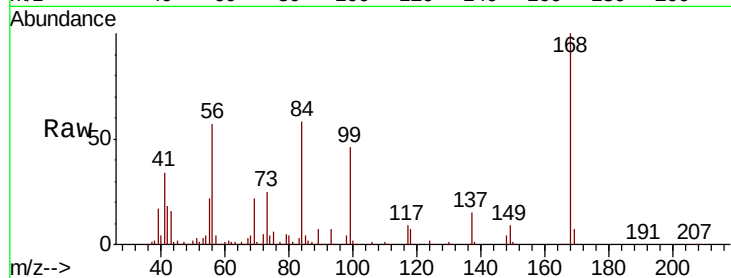
#31
Cyclohexane
Concen: 45.294 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.6	28.9	43.3
84	99.6	79.0	118.4

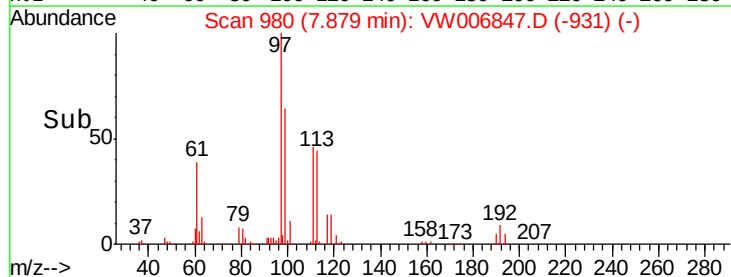
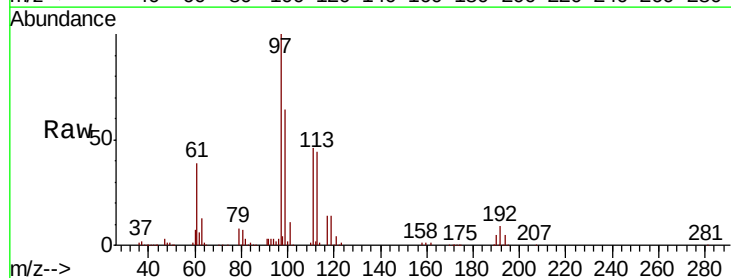
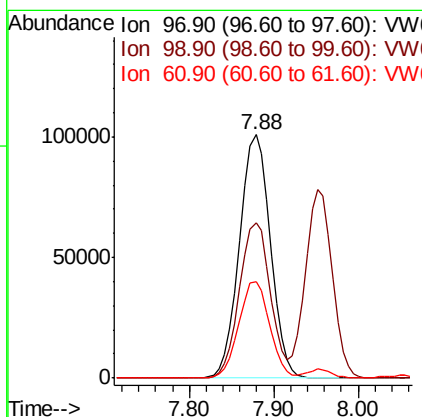
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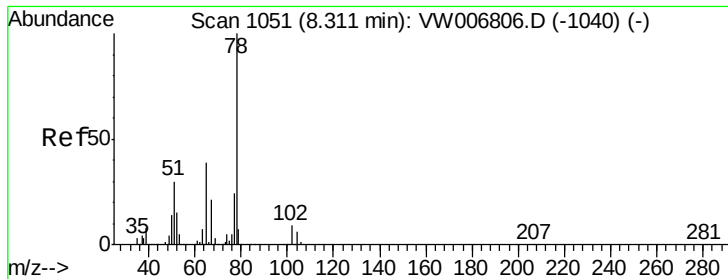
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#32
1,1,1-Trichloroethane
Concen: 47.509 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	39.6	32.2	48.4





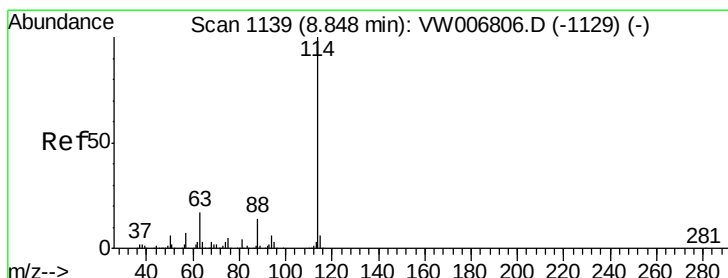
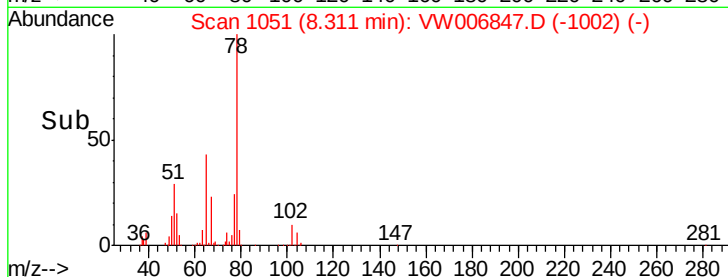
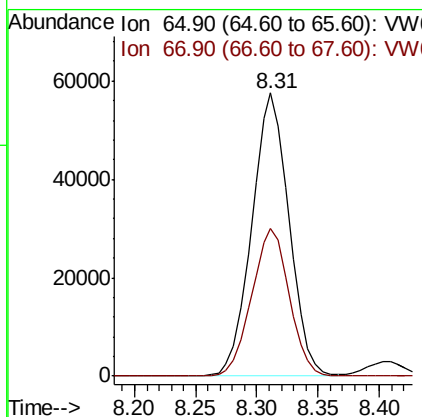
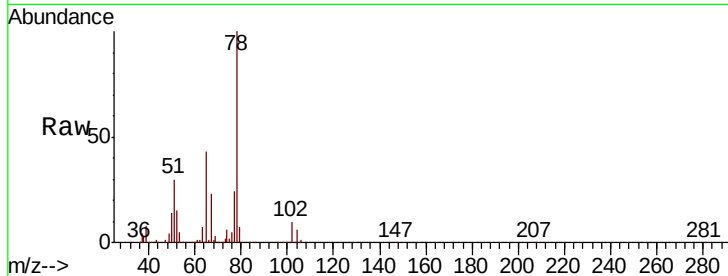
#33
 1,2-Dichloroethane-d4
 Concen: 45.553 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	104.4	

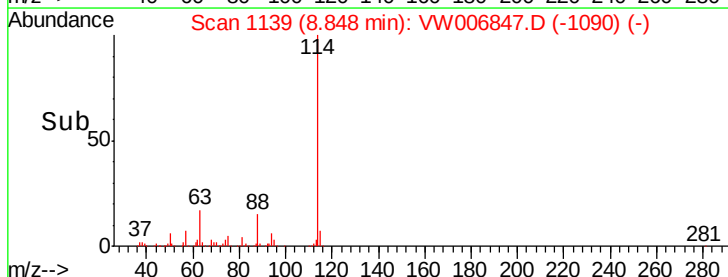
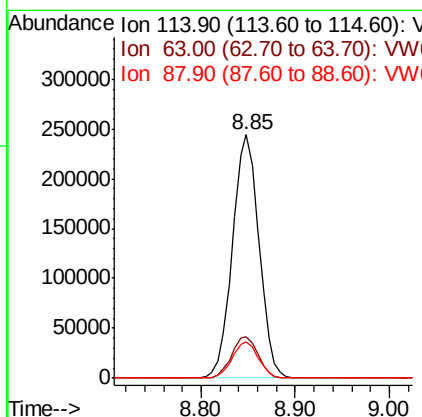
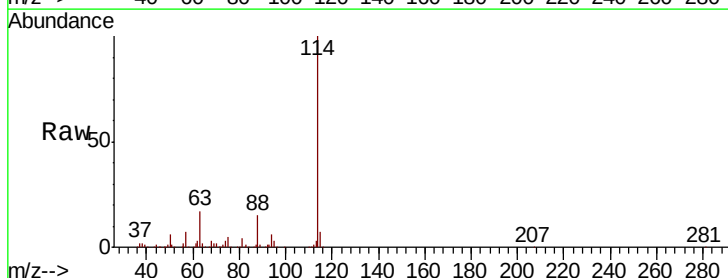
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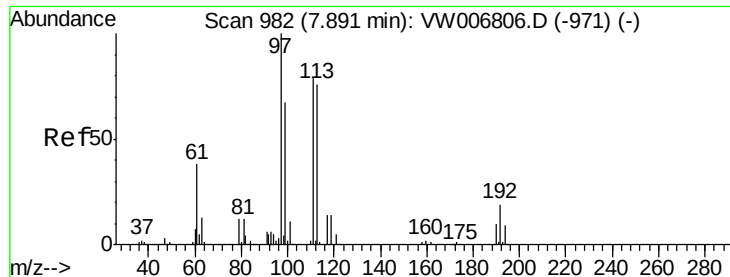
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.0	0.0	33.6	
88	14.9	0.0	28.4	





#35

Dibromofluoromethane

Concen: 46.619 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

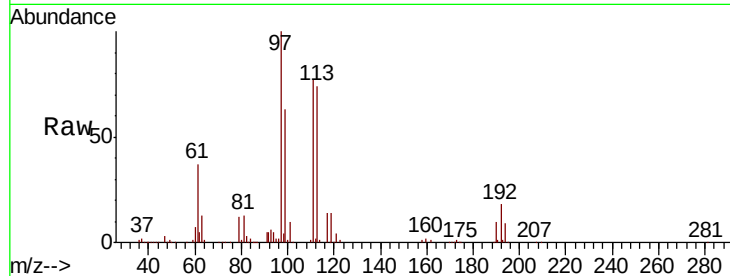
ClientSampleId :

VSTDCCC050

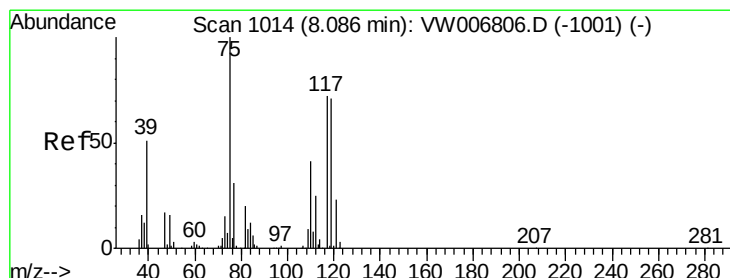
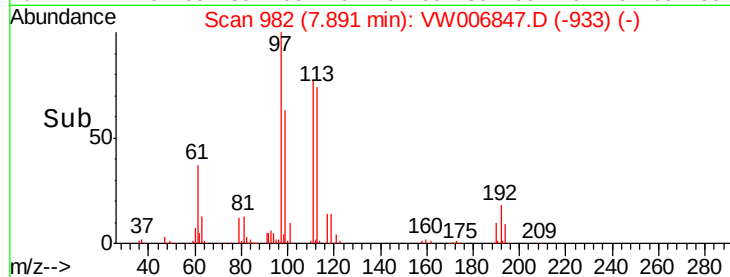
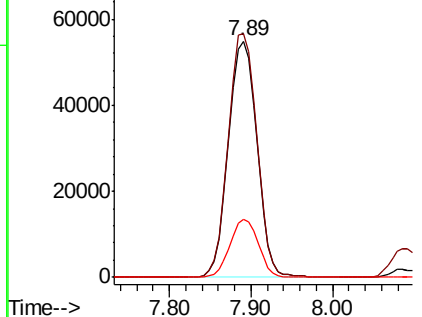
Tot Ion:	113	Resp:	132833
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.0	121.6
192	24.3	19.0	28.6

Manual Integrations
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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.632 ug/l

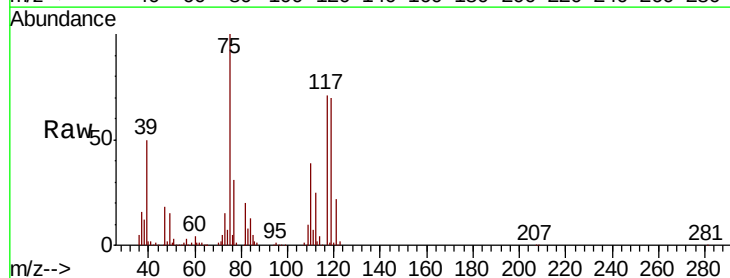
RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

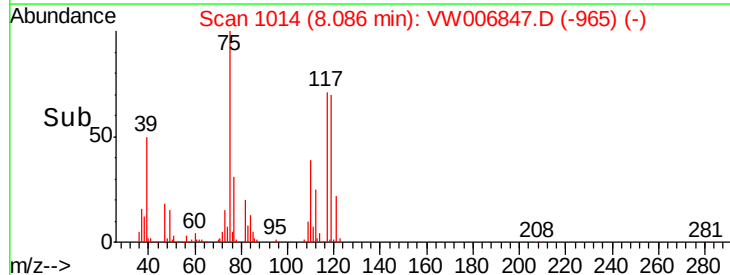
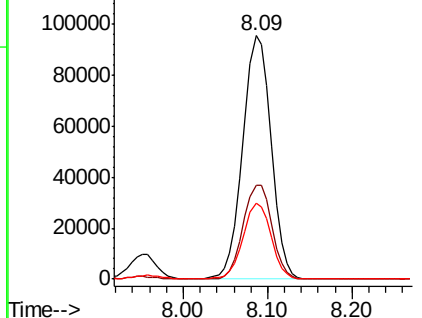
Lab File: VW006847.D

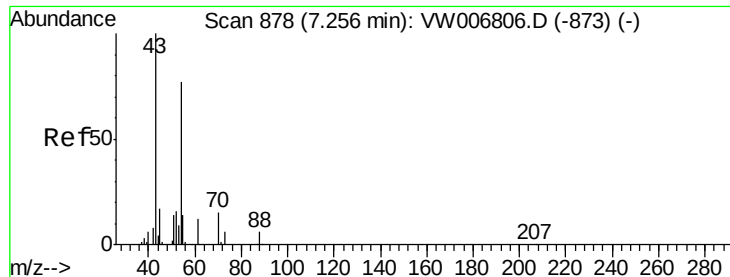
Acq: 13 Nov 2018 11:49

Tgt Ion:	75	Resp:	217768
Ion Ratio	Lower	Upper	
75	100		
110	39.1	19.9	59.6
77	30.9	25.4	38.2



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





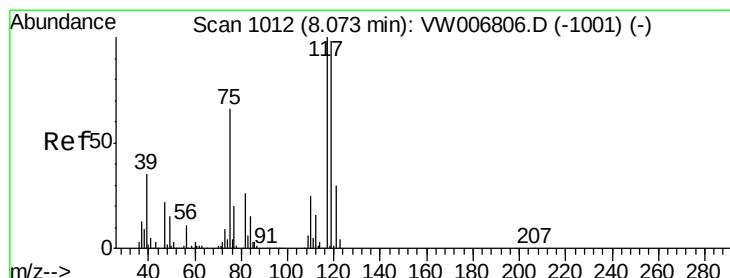
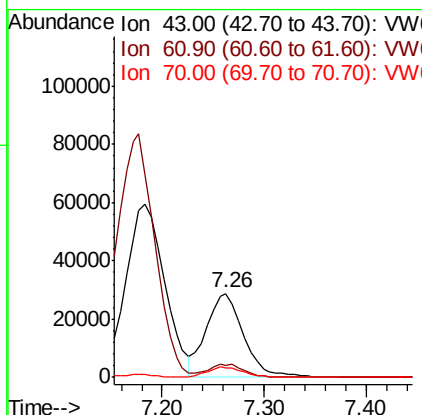
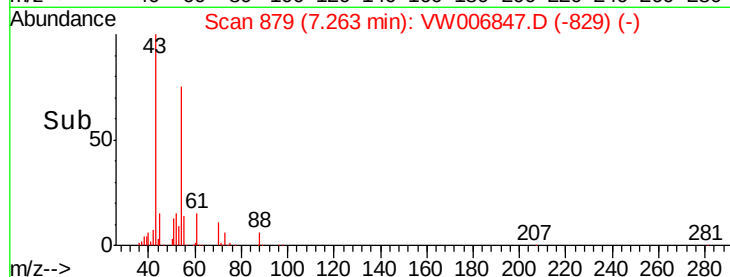
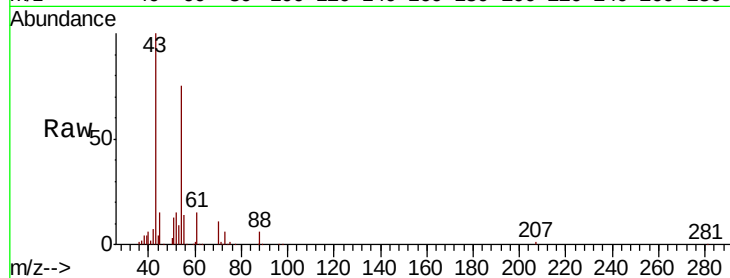
#37
Ethyl Acetate
Concen: 49.889 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.7	17.5
70	12.1	10.0	15.0

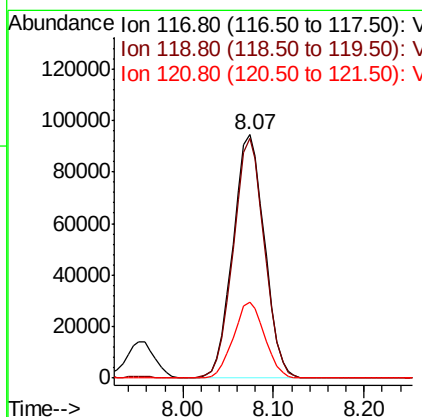
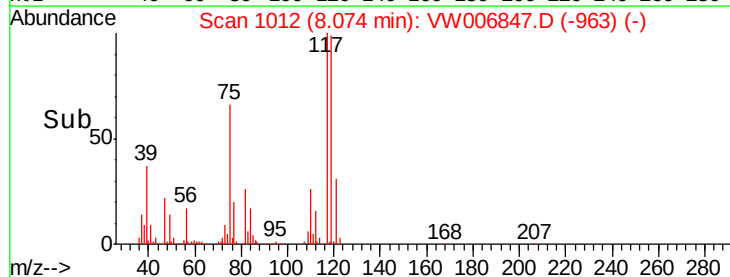
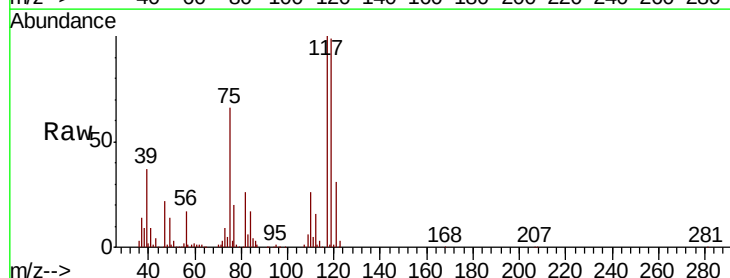
Manual Integrations
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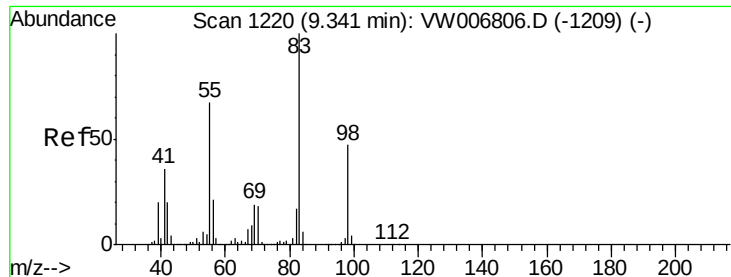
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#38
Carbon Tetrachloride
Concen: 46.872 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.5	117.7
121	31.4	24.2	36.2





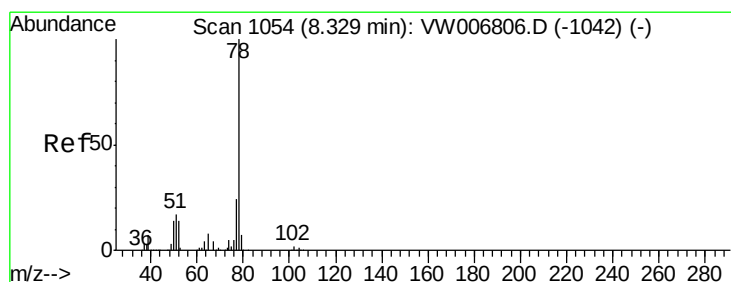
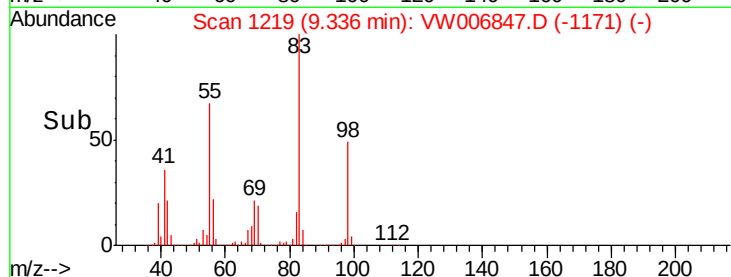
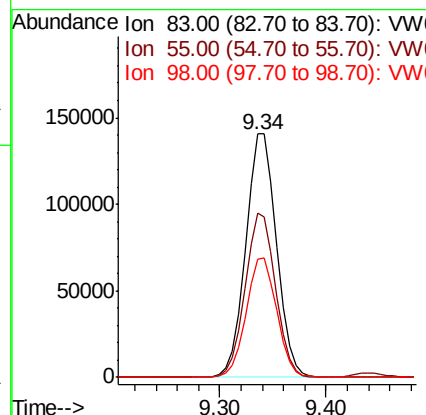
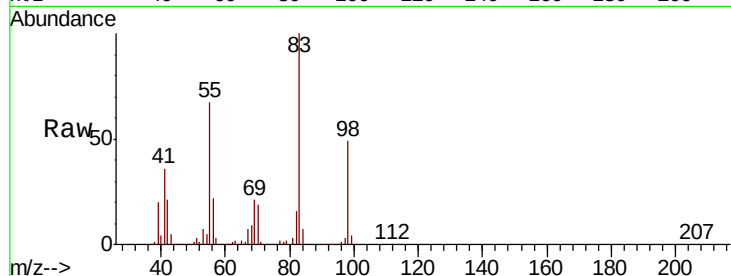
#39
Methylvlcyclohexane
Concen: 49.186 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.2	53.3	79.9
98	48.7	37.9	56.9

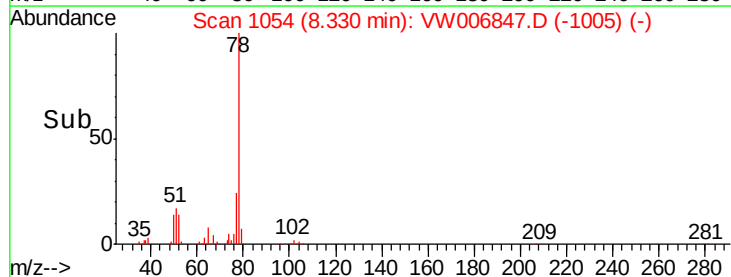
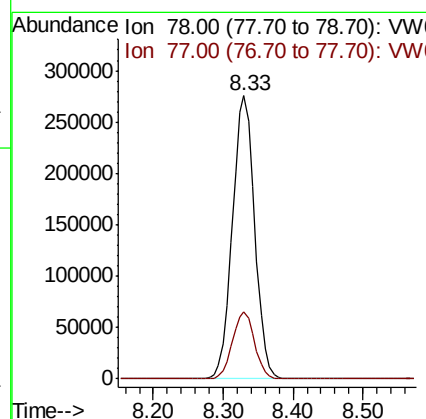
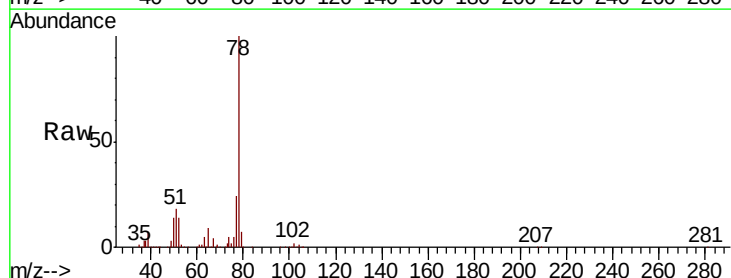
Manual Integrations
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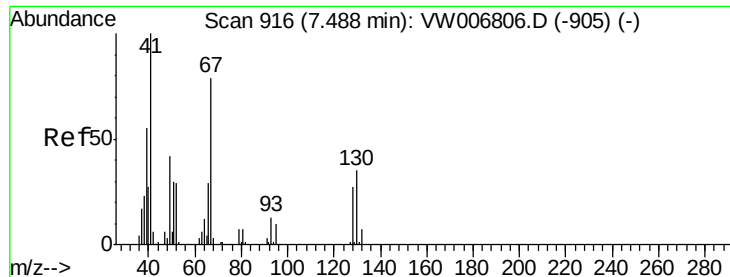
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#40
Benzene
Concen: 48.681 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





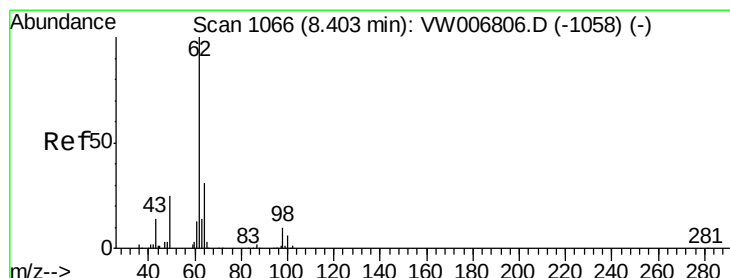
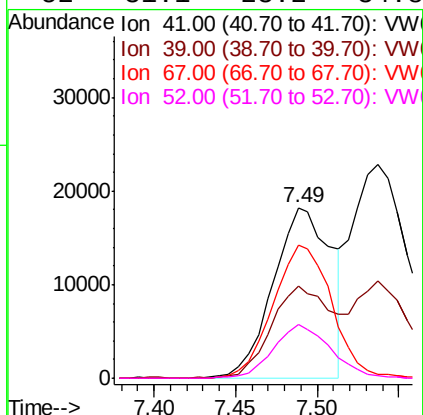
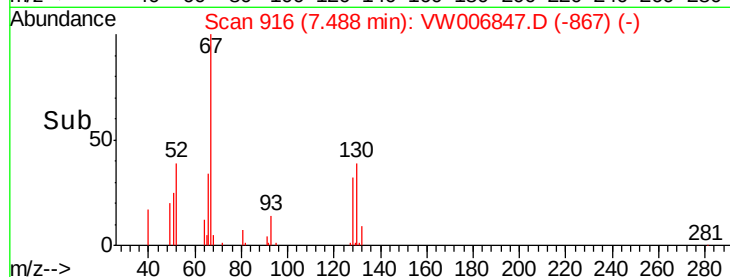
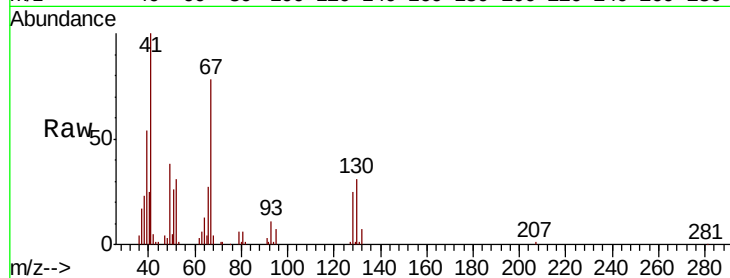
#41
Methacrylonitrile
Concen: 50.445 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.1	48.1	72.1
67	78.6	61.4	92.2
52	31.1	23.2	34.8

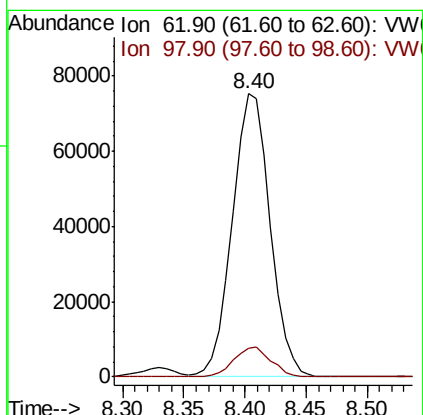
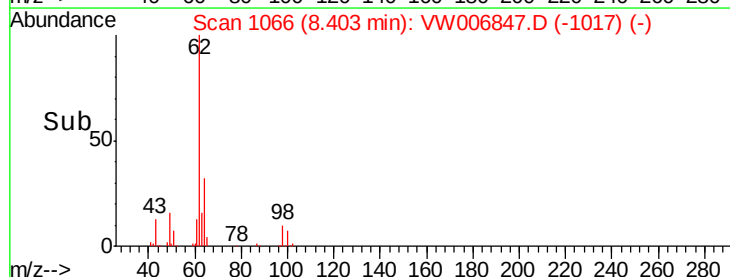
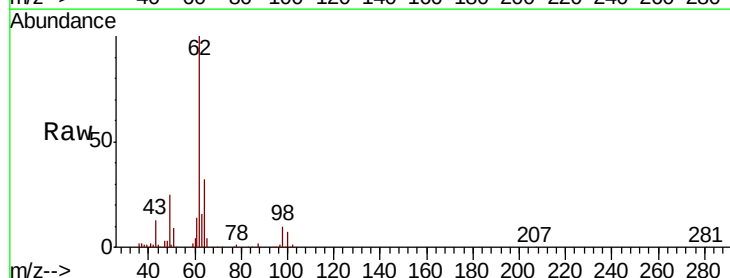
Manual Integrations
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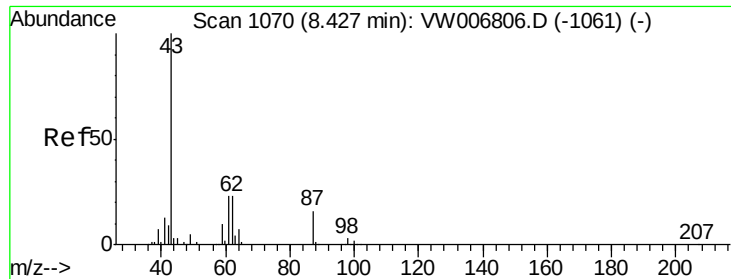
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#42
1,2-Dichloroethane
Concen: 48.334 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.0





#43

Isopropyl Acetate

Concen: 50.999 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

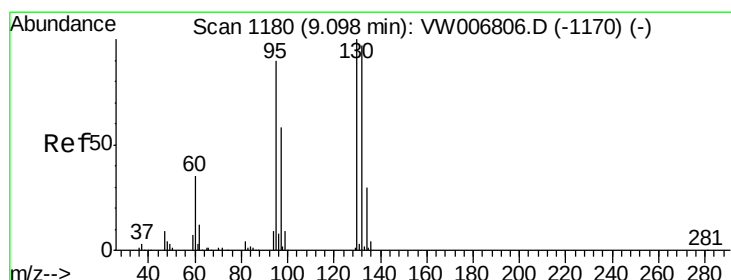
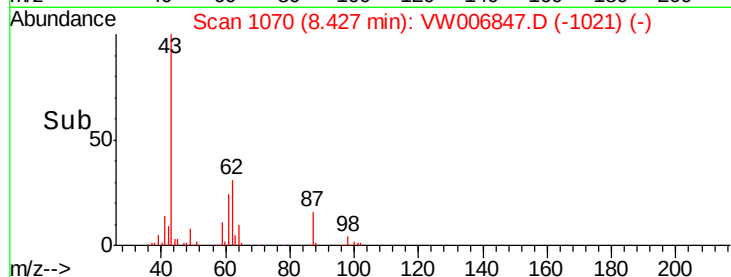
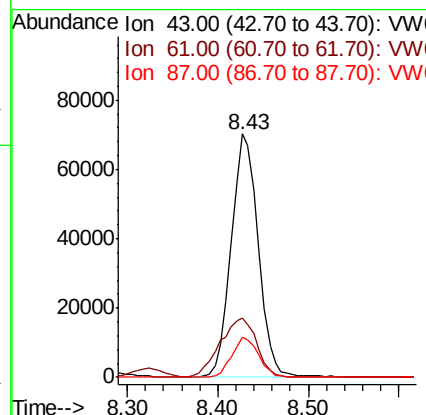
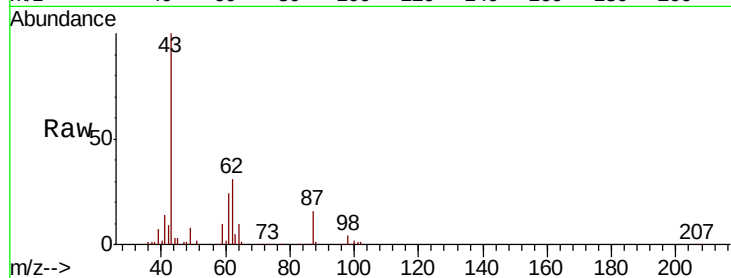
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	145231
Ion	Ratio	Lower	Upper
43	100		
61	33.3	27.0	40.4
87	16.3	13.0	19.4

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#44

Trichloroethene

Concen: 48.970 ug/l

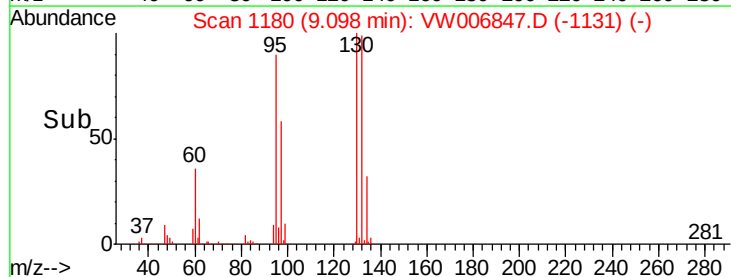
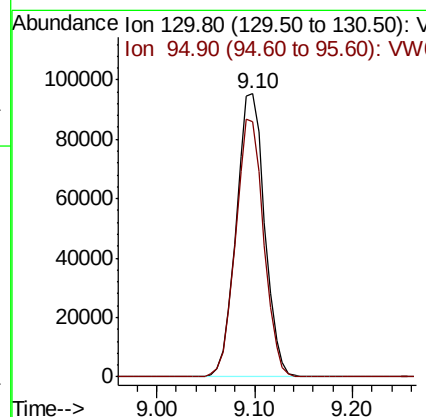
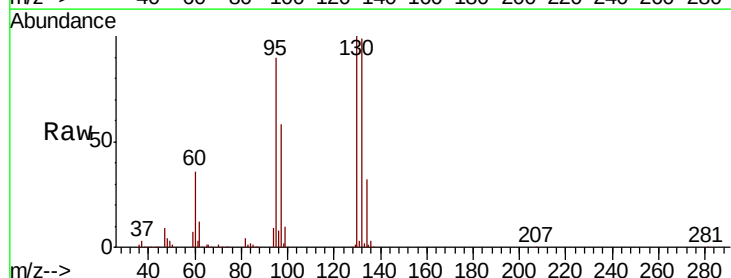
RT: 9.10 min Scan# 1180

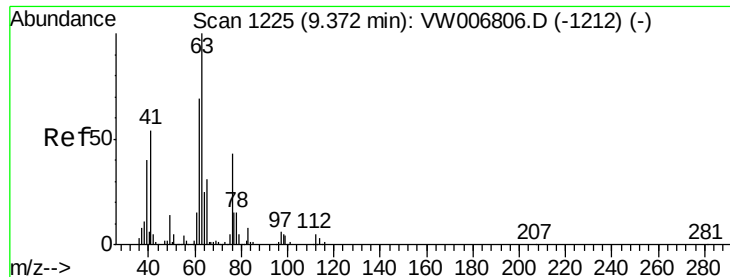
Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Tgt Ion:	130	Resp:	192395
Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	180.2





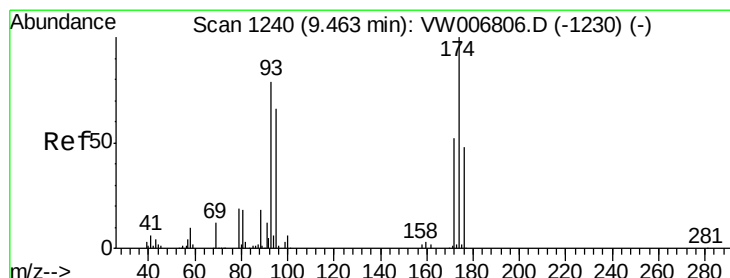
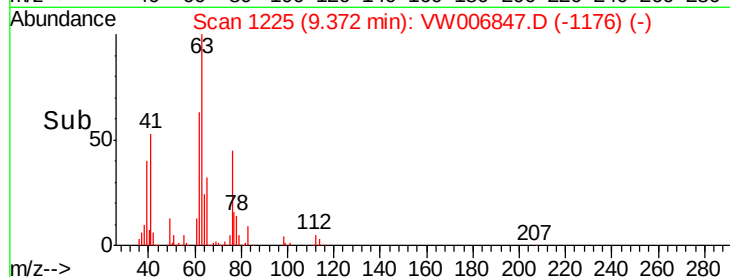
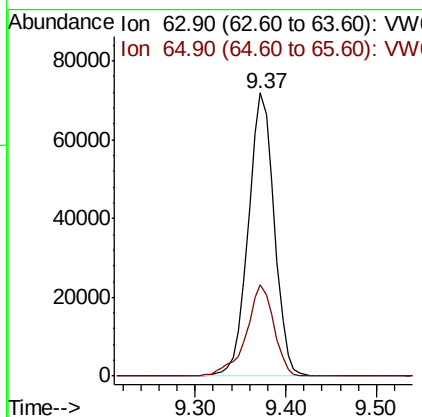
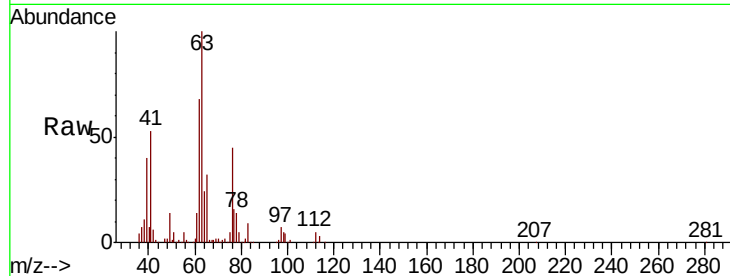
#45
 1,2-Dichloropropane
 Concen: 49.016 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.4	36.6

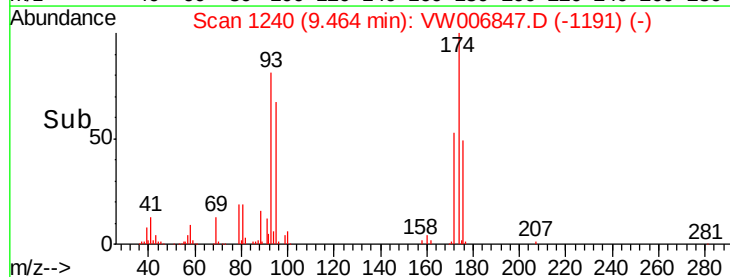
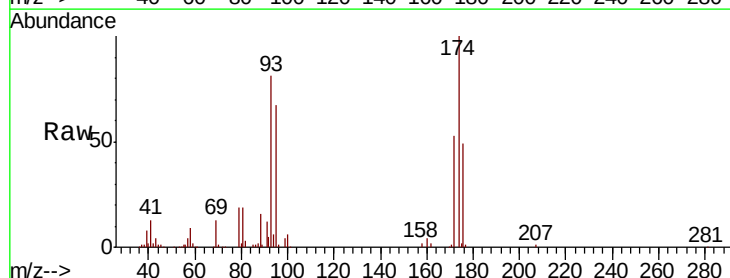
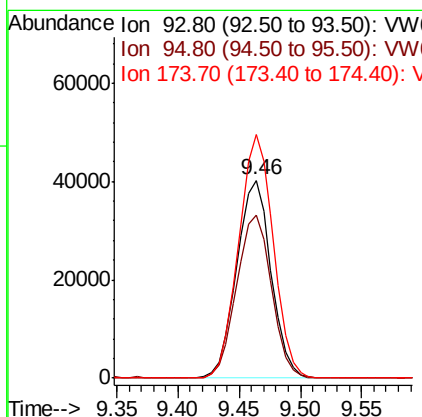
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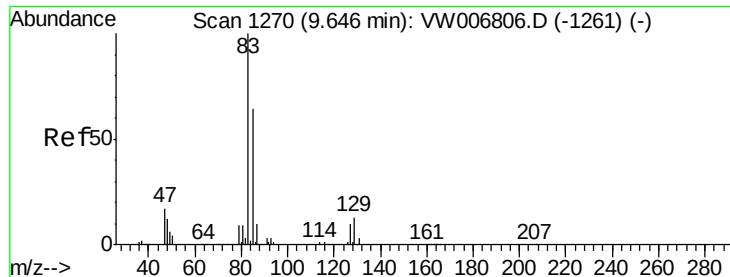
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#46
 Dibromomethane
 Concen: 48.518 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.0	100.6
174	124.4	98.6	147.8





#47

Bromodichloromethane

Concen: 48.276 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

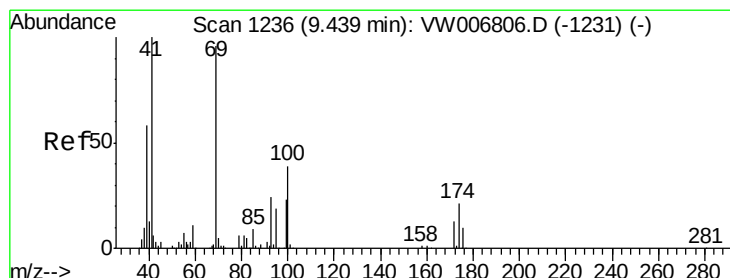
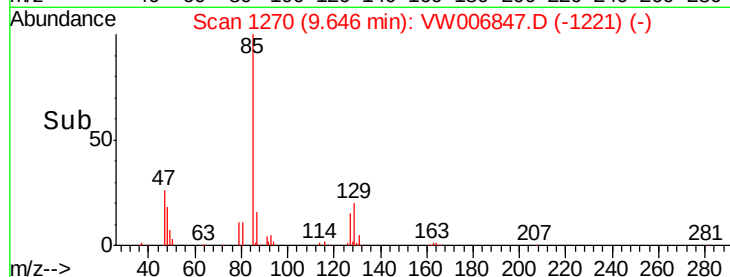
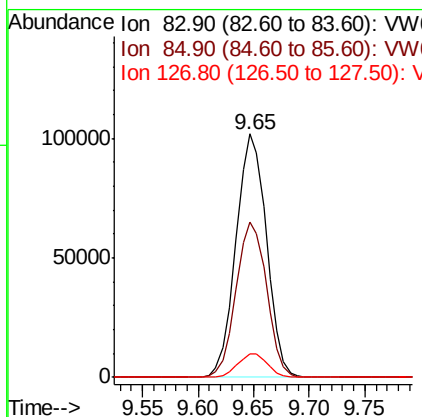
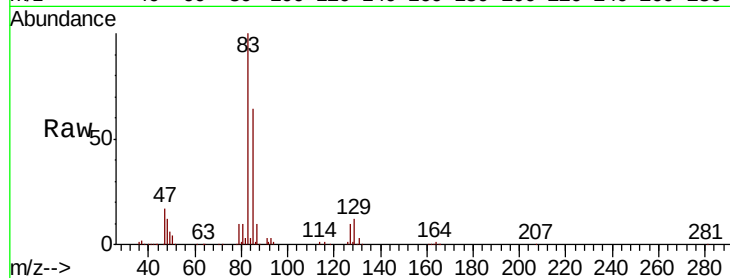
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	193432
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.4	77.0
127	9.8	7.6	11.4

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#48

Methyl methacrylate

Concen: 49.861 ug/l

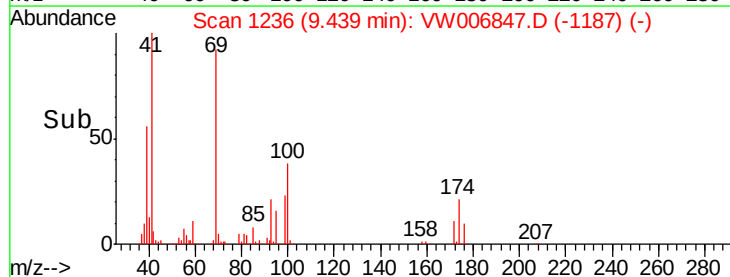
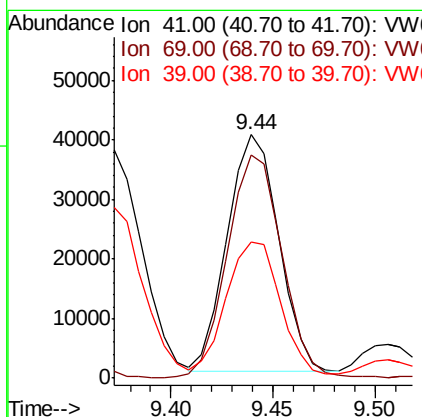
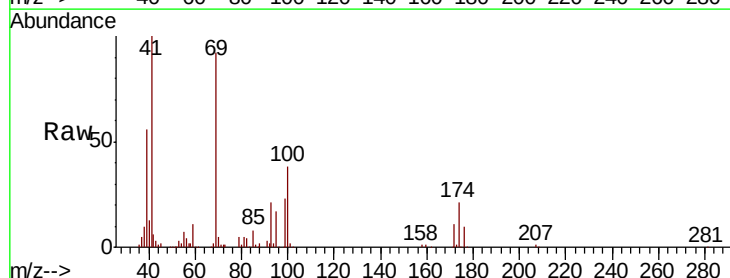
RT: 9.44 min Scan# 1236

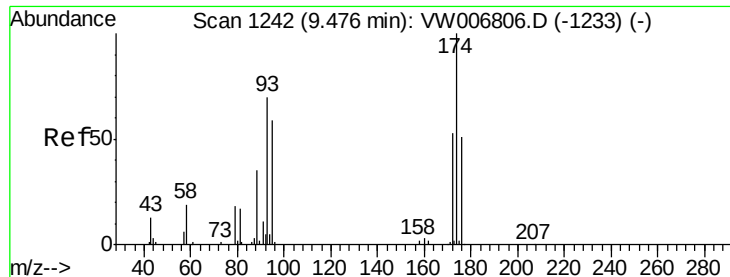
Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Tgt Ion:	41	Resp:	69614
Ion Ratio	Lower	Upper	
41	100		
69	100.0	79.8	119.6
39	57.9	45.9	68.9





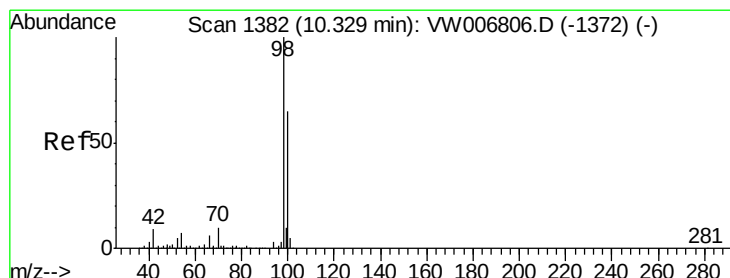
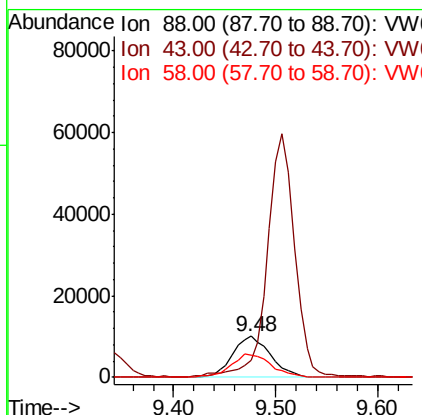
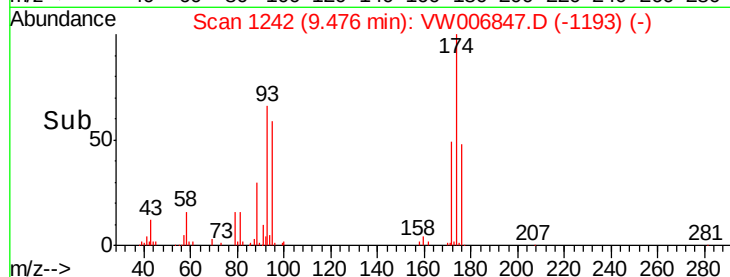
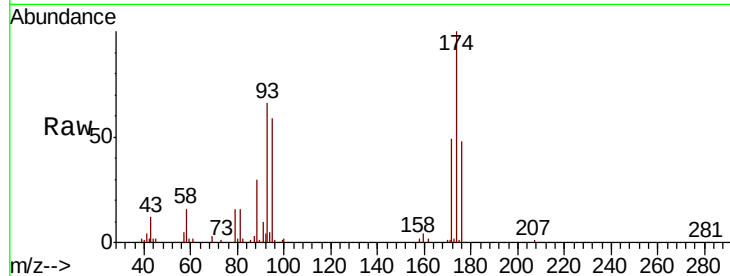
#49
1,4-Dioxane
Concen: 1061.393 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	60.8	50.6	75.8

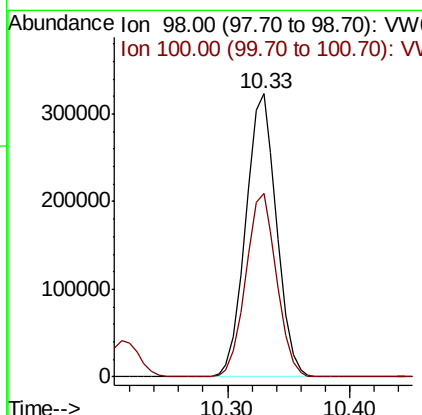
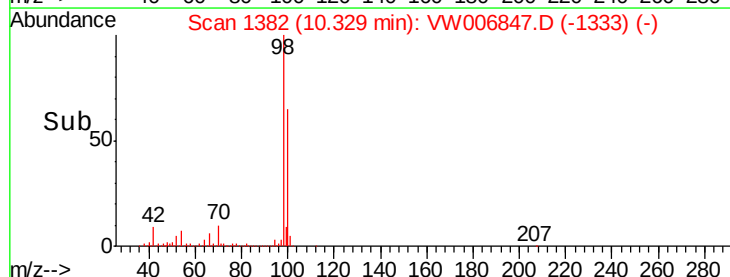
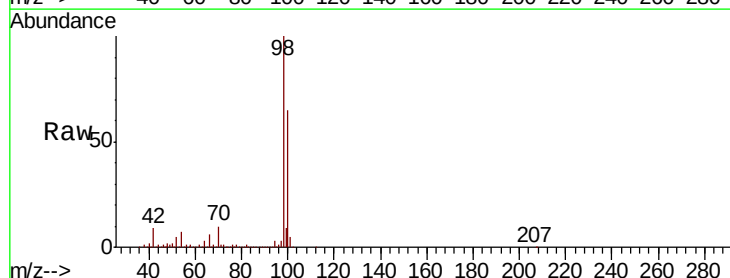
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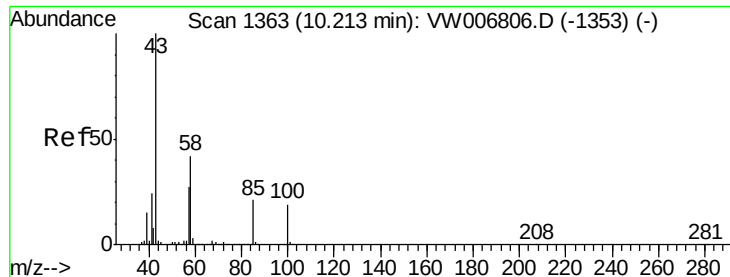
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#50
Toluene-d8
Concen: 47.748 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.2





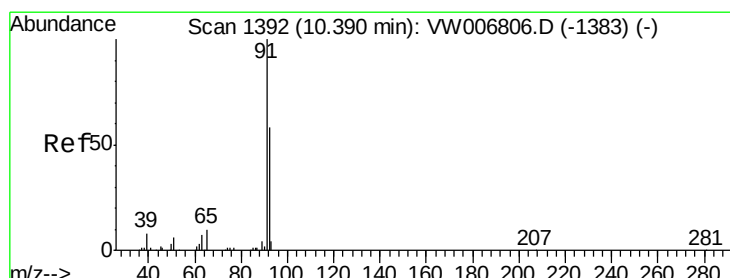
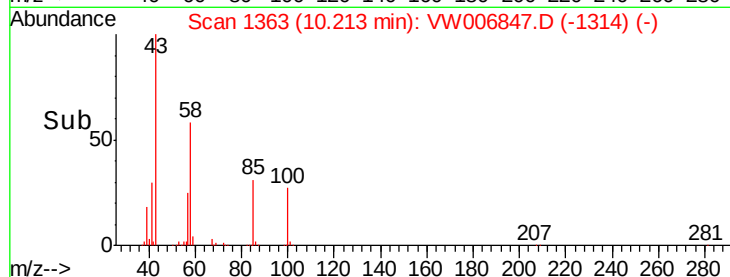
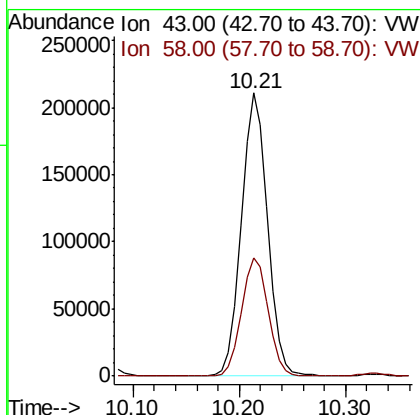
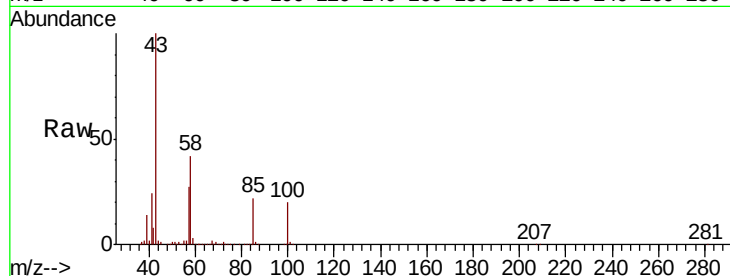
#51
4-Methyl-2-Pentanone
Concen: 254.158 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.8	34.0	51.0

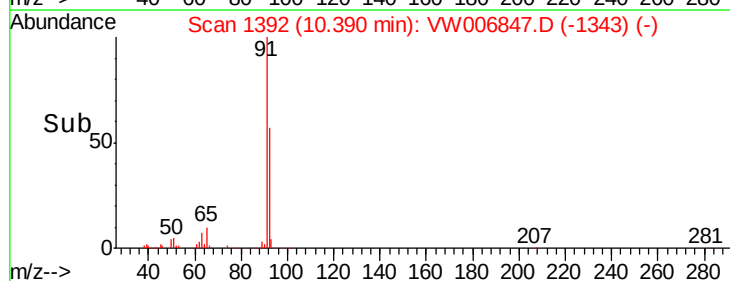
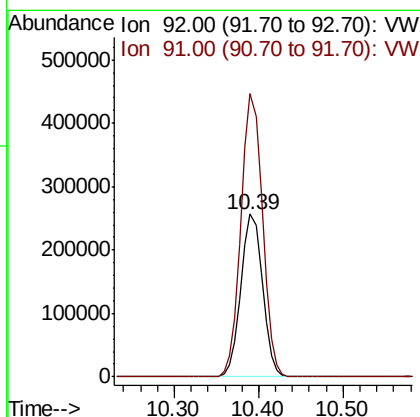
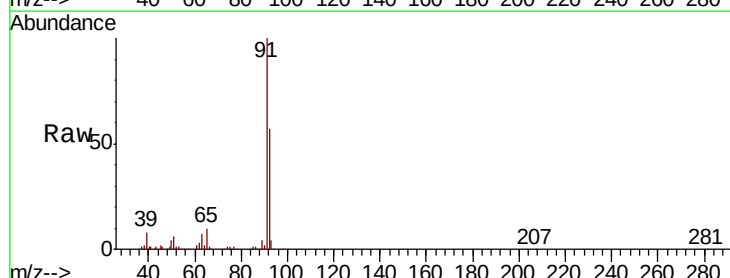
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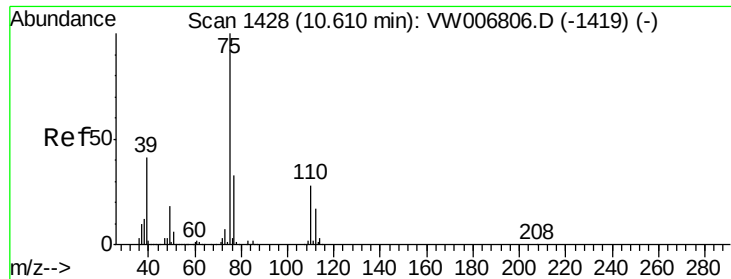
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#52
Toluene
Concen: 49.904 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.4	139.4	209.2





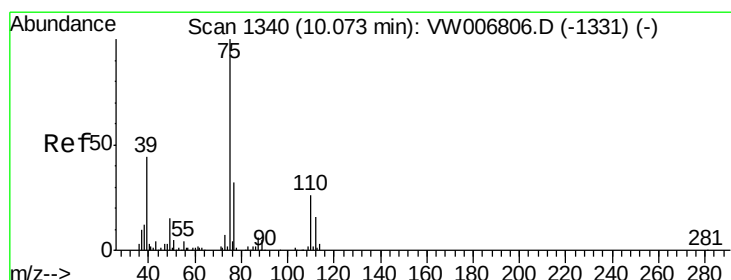
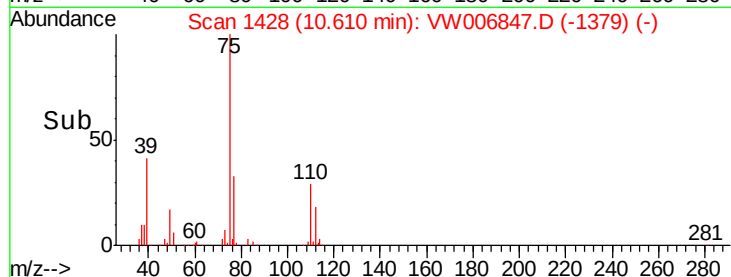
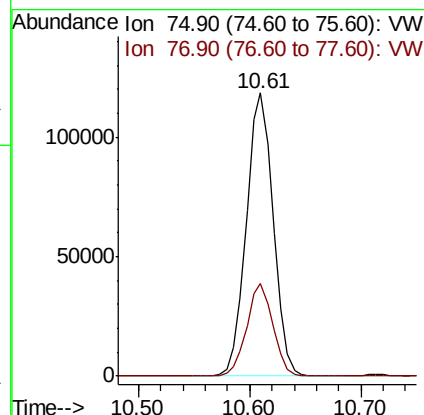
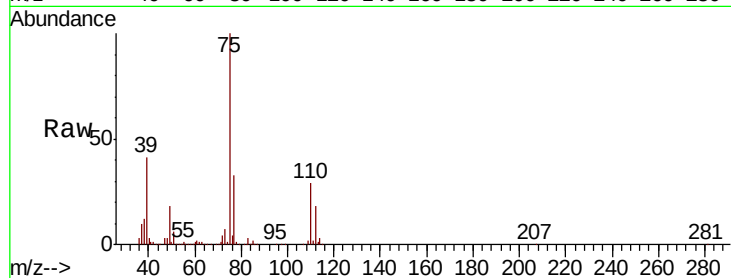
#53
 t-1,3-Dichloropropene
 Concen: 50.276 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.3	39.5

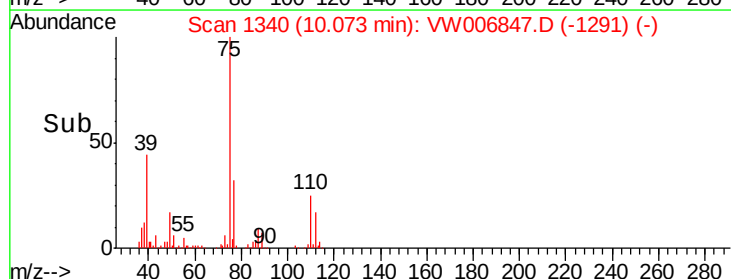
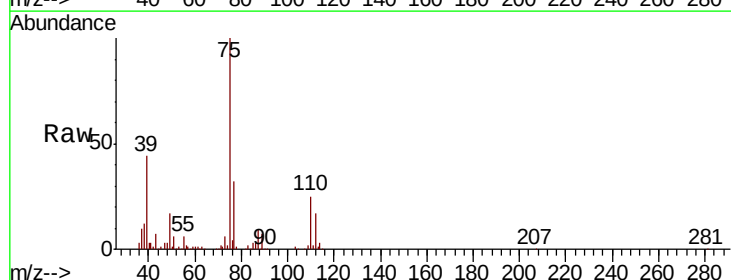
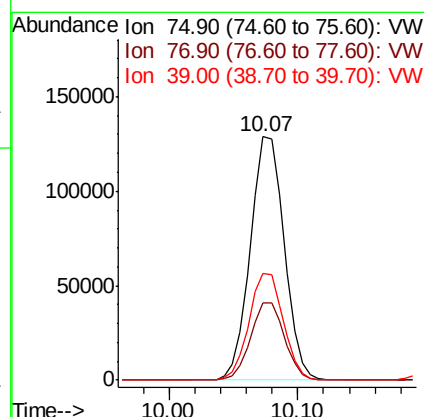
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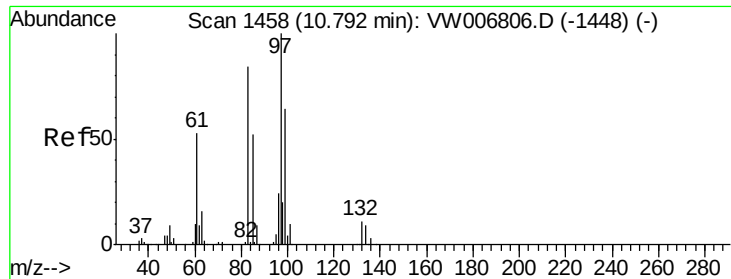
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#54
 cis-1,3-Dichloropropene
 Concen: 50.070 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8
39	43.9	35.3	52.9





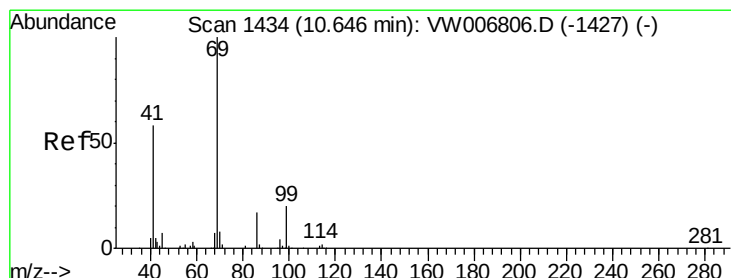
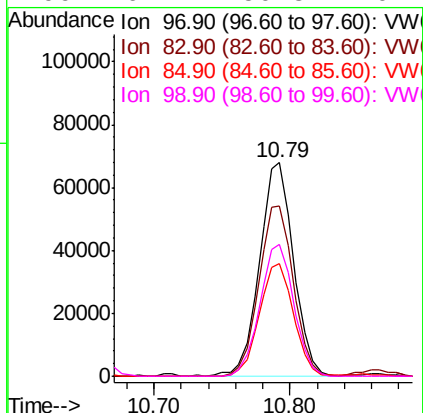
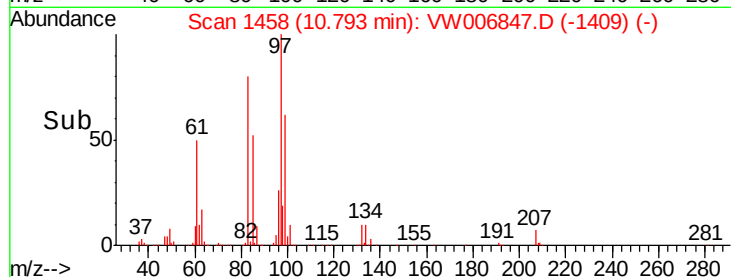
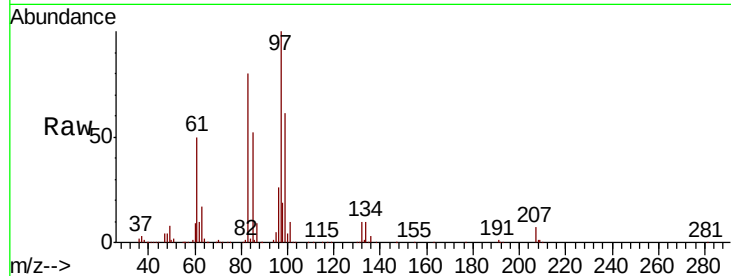
#55
 1,1,2-Trichloroethane
 Concen: 49.792 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	119355
Ion Ratio	Lower	Upper	
97	100		
83	79.9	67.0	100.4
85	52.5	41.7	62.5
99	61.4	50.8	76.2

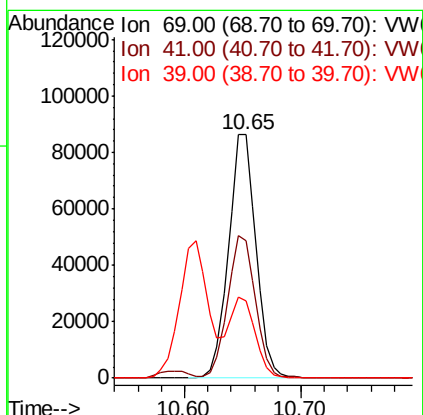
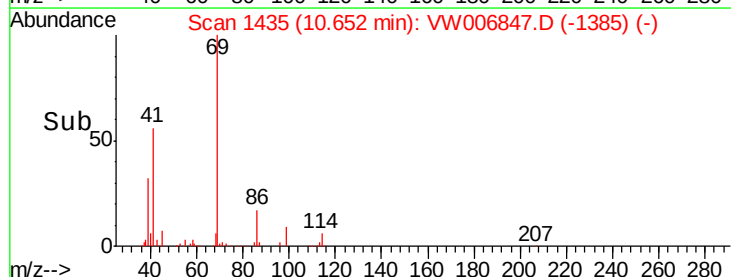
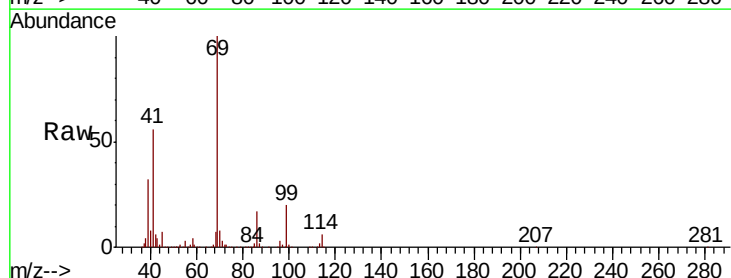
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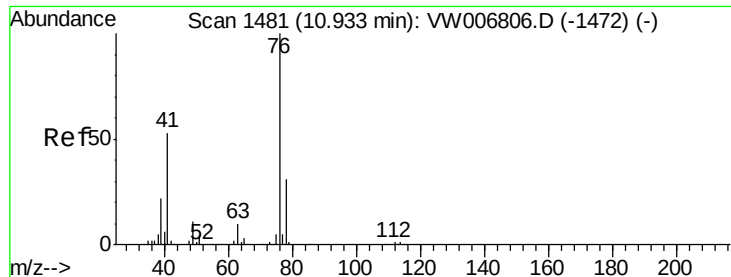
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#56
 Ethyl methacrylate
 Concen: 53.648 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Tgt Ion	69	Resp	140936
Ion Ratio	Lower	Upper	
69	100		
41	58.8	47.0	70.4
39	33.3	23.1	34.7





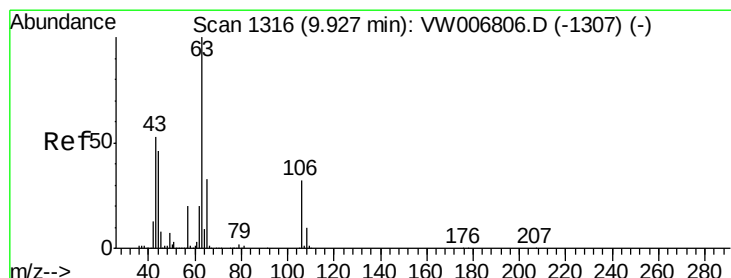
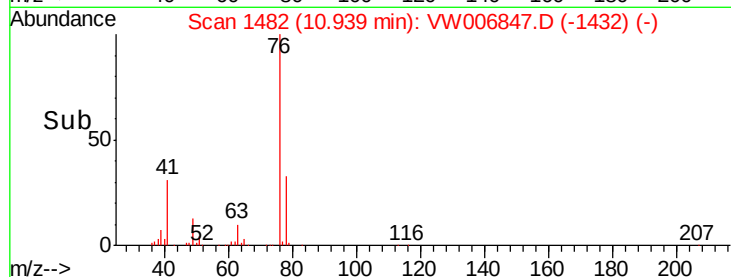
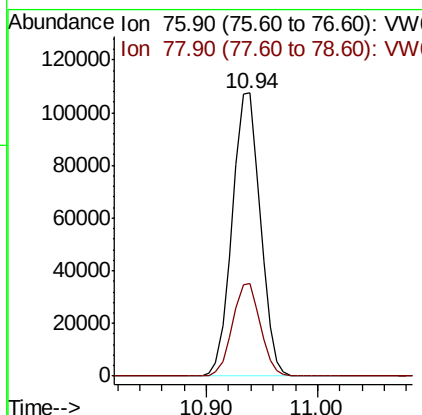
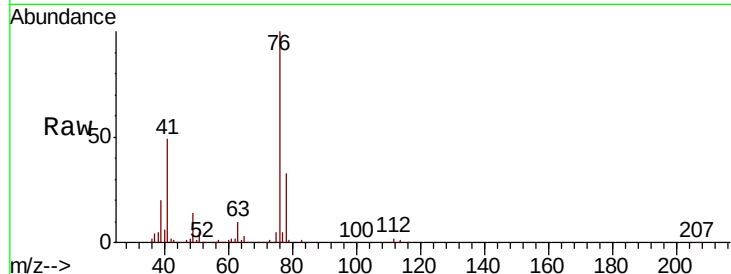
#57
 1,3-Dichloropropane
 Concen: 49.599 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 188288
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2

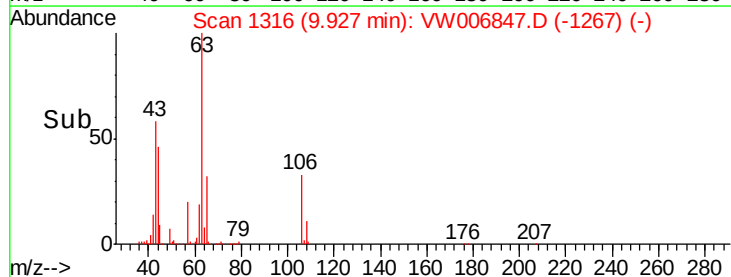
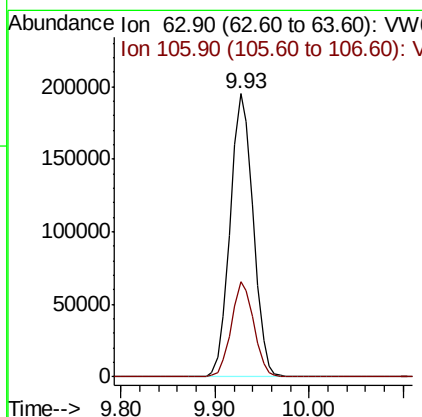
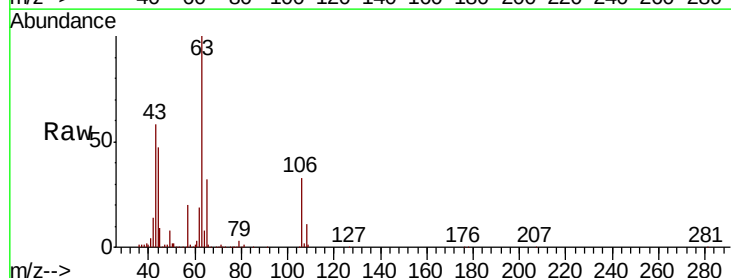
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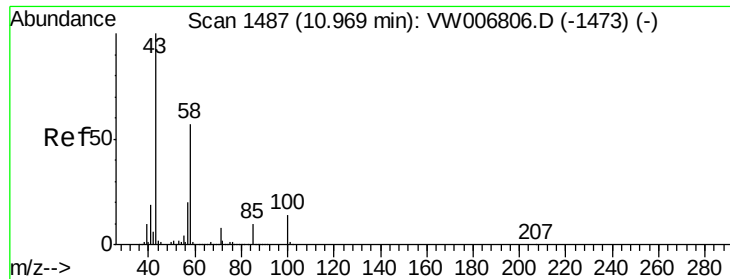
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.055 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Tgt Ion: 63 Resp: 331637
 Ion Ratio Lower Upper
 63 100
 106 32.7 25.4 38.0





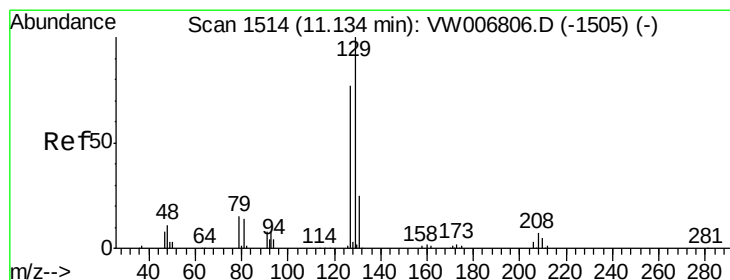
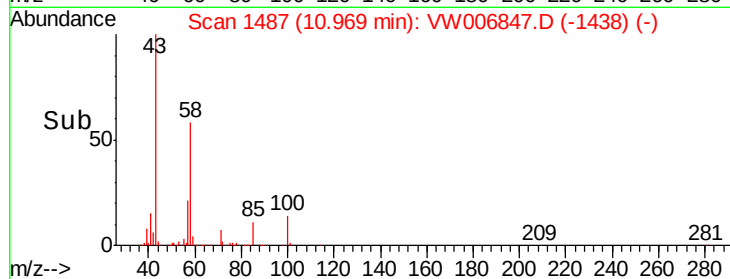
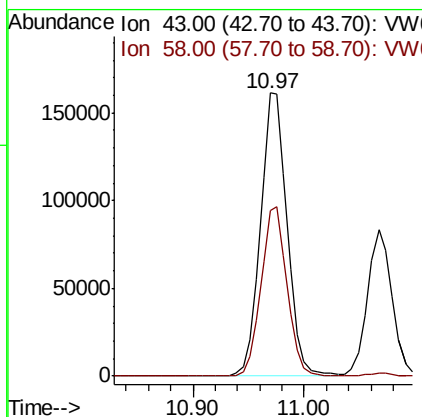
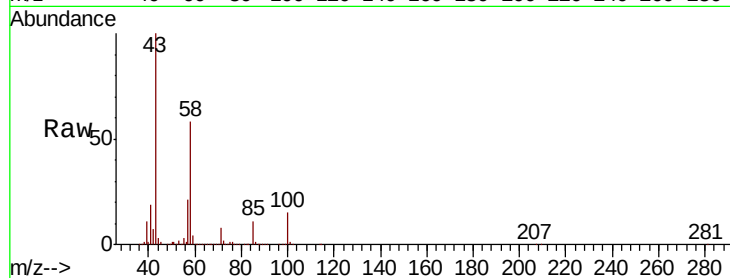
#59
2-Hexanone
Concen: 273.402 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.2	28.7	86.1

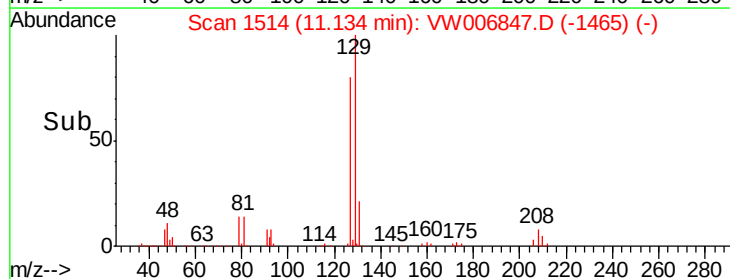
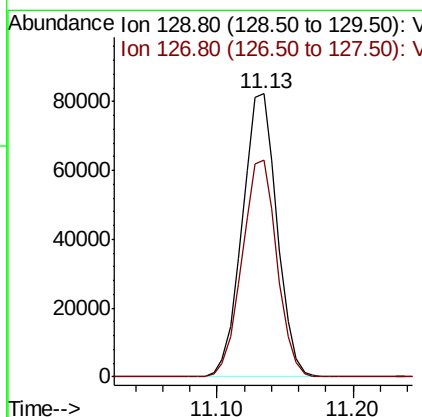
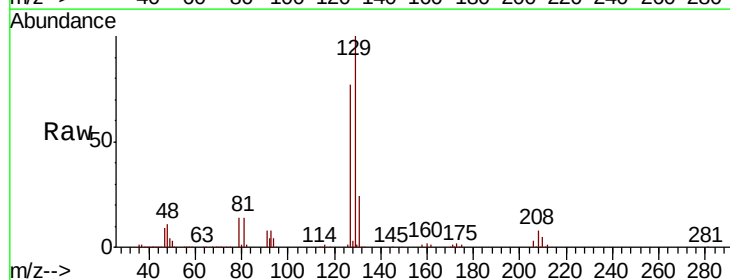
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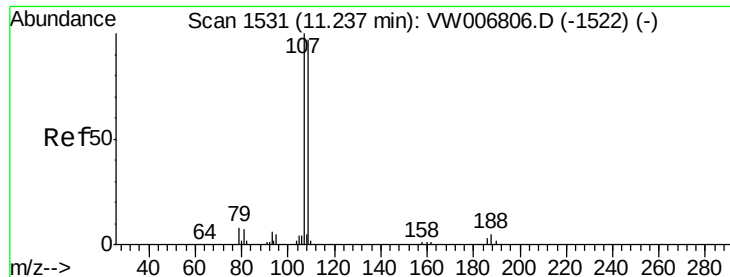
apatel
11/14/2018 12:48:35 PM



#60
Dibromochloromethane
Concen: 50.120 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.7	116.1





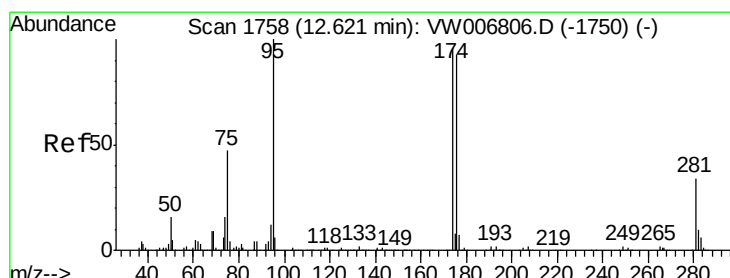
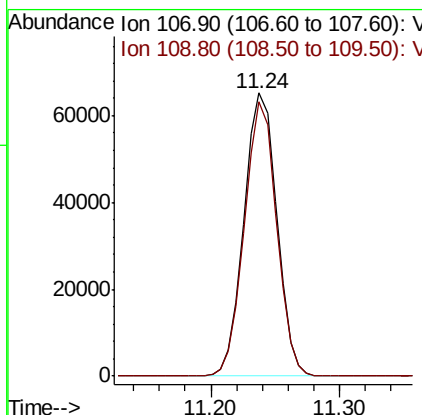
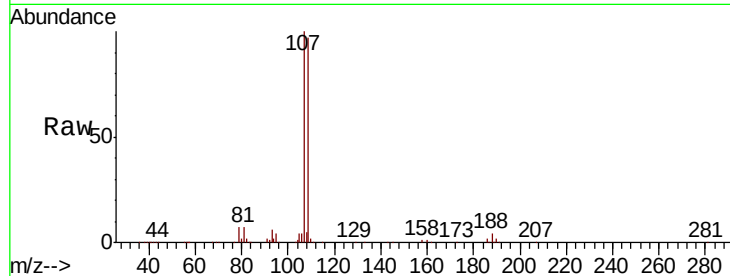
#61
 1,2-Dibromoethane
 Concen: 50.518 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 115009
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.7 115.1

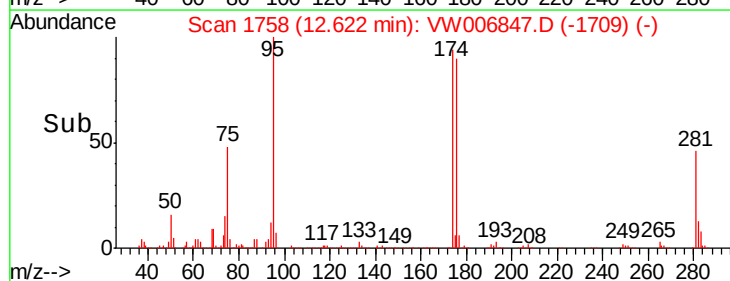
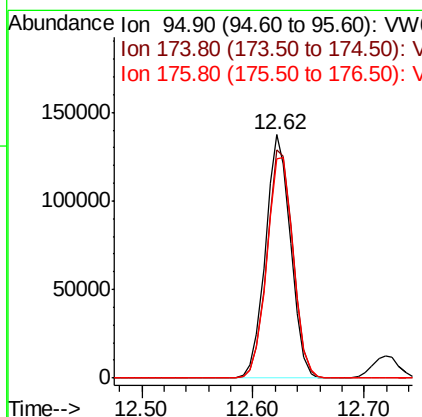
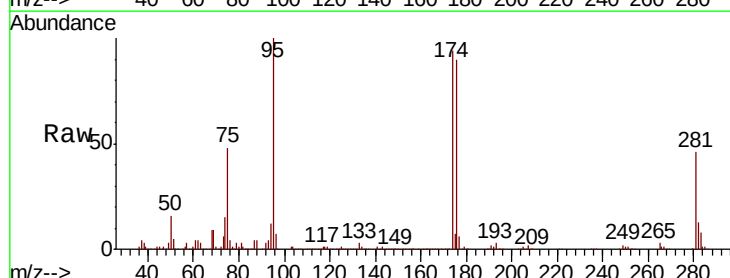
Manual Integrations
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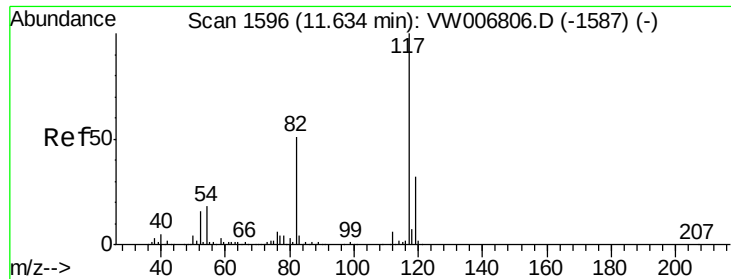
apatel
 11/14/2018 12:48:35 PM



#62
 4-Bromofluorobenzene
 Concen: 49.741 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Tgt Ion: 95 Resp: 216363
 Ion Ratio Lower Upper
 95 100
 174 96.9 0.0 196.6
 176 94.9 0.0 191.6





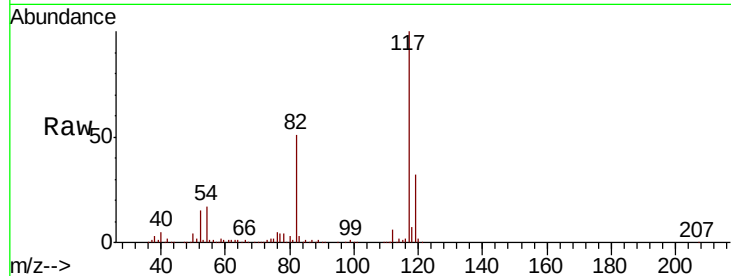
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.6	61.0
119	32.4	25.5	38.3

Manual Integrations
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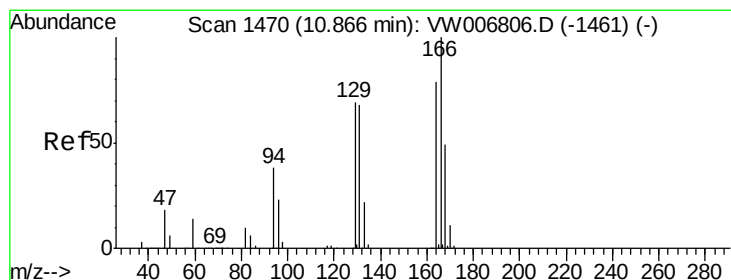
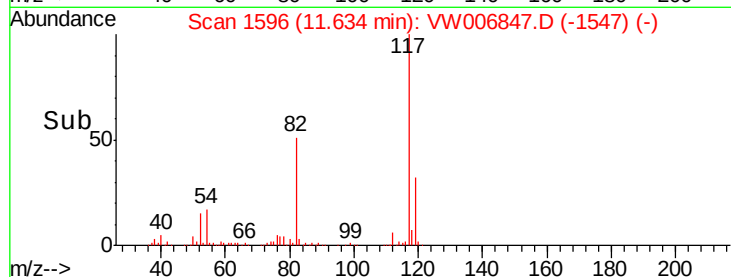
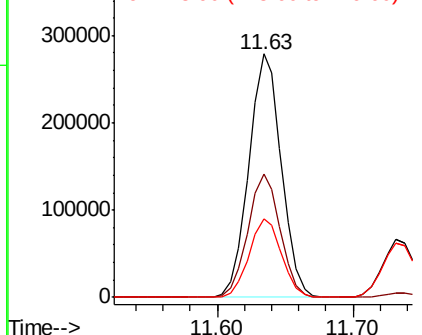


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.275 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.3	151.9
129	85.7	69.6	104.4
131	83.8	68.7	103.1

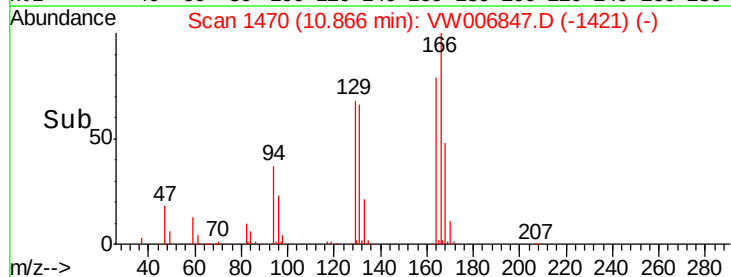
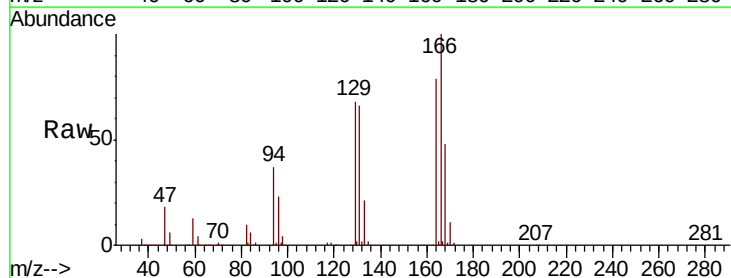
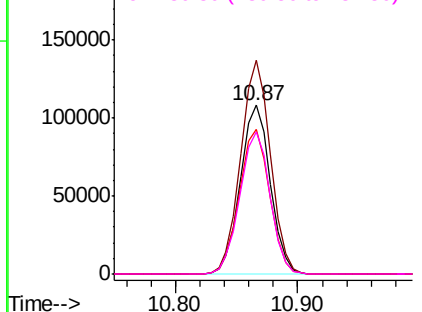
Abundance

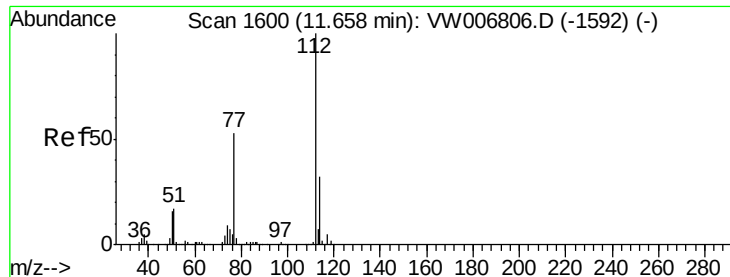
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





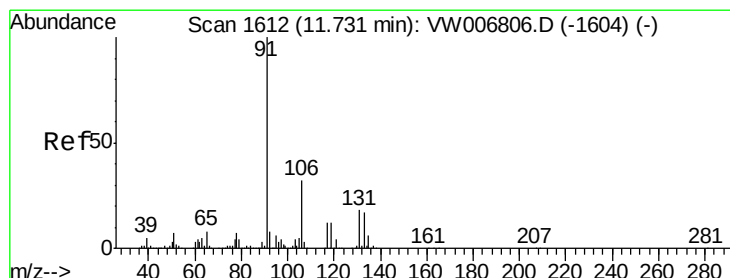
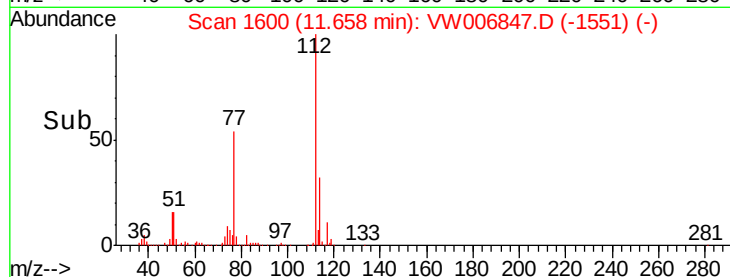
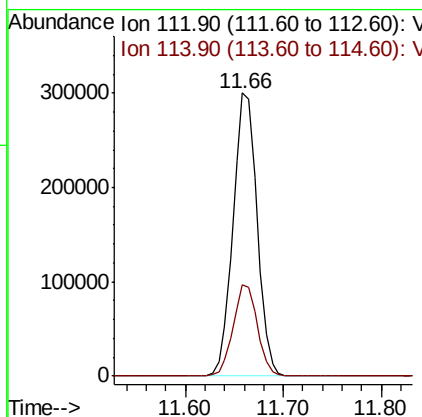
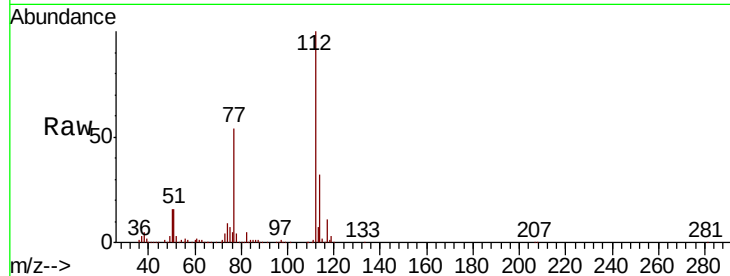
#65
Chlorobenzene
Concen: 49.773 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 513687
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

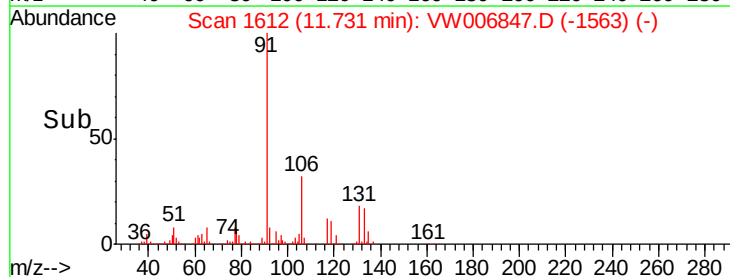
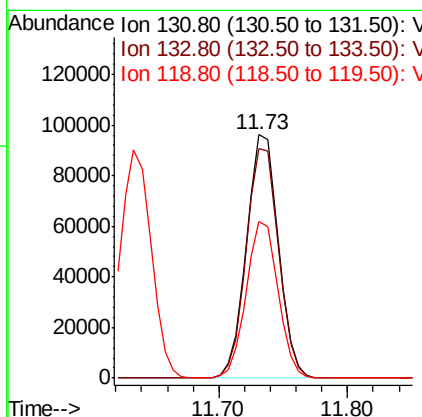
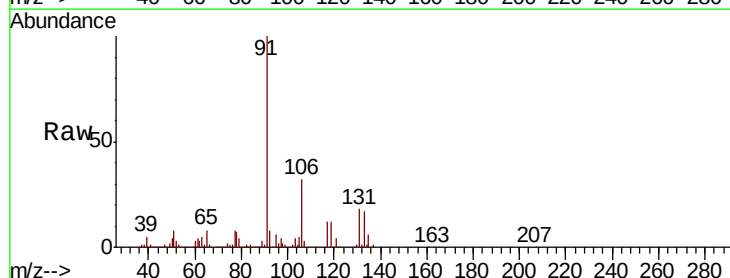
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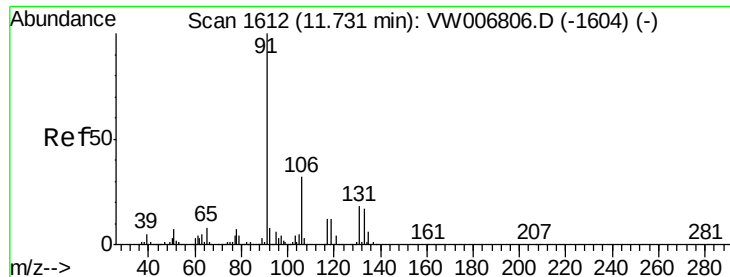
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.067 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion:131 Resp: 164320
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.8
119 64.2 32.4 97.2





#67

Ethyl Benzene

Concen: 50.927 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 896031

Ion Ratio Lower Upper

91 100

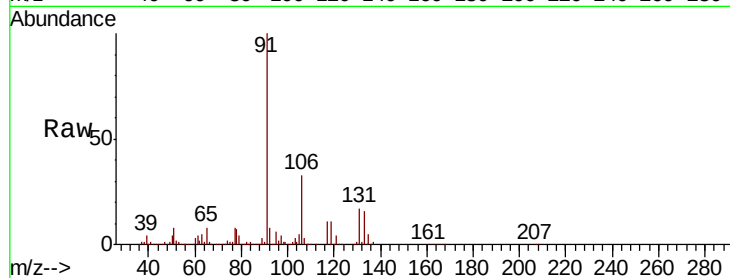
106 32.8 25.4 38.0

Manual Integrations

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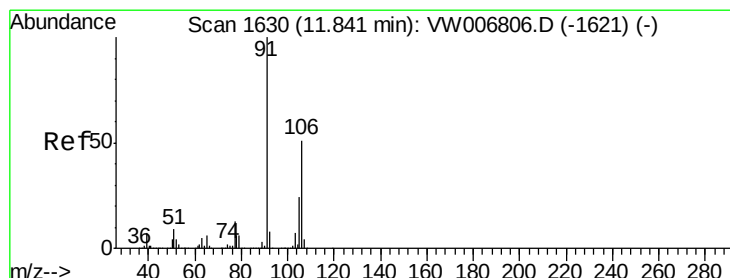
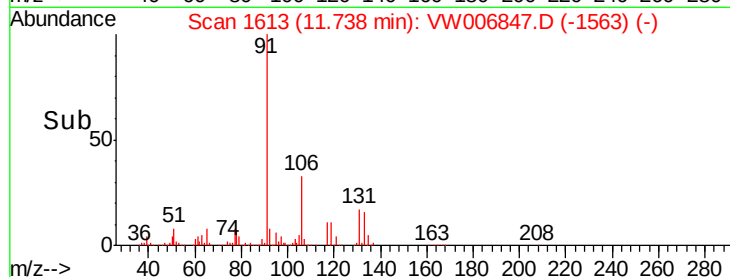
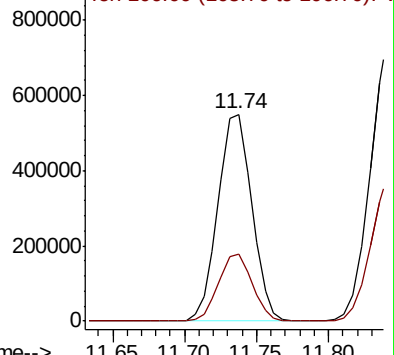
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.458 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006847.D

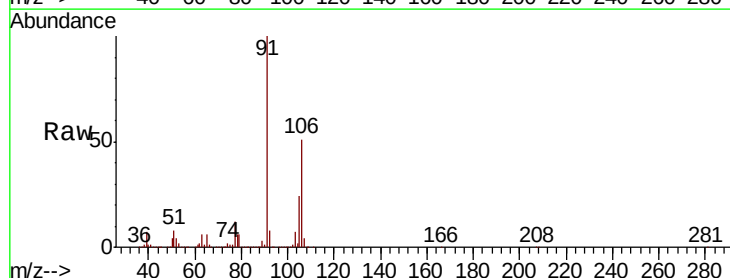
Acq: 13 Nov 2018 11:49

Tgt Ion: 106 Resp: 737573

Ion Ratio Lower Upper

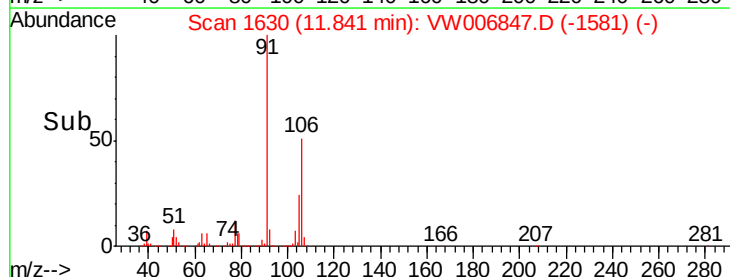
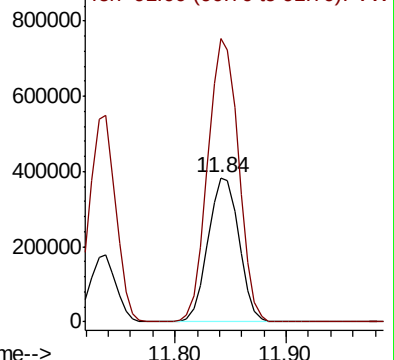
106 100

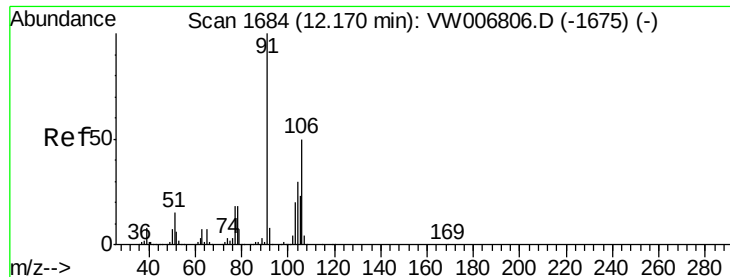
91 195.5 155.7 233.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





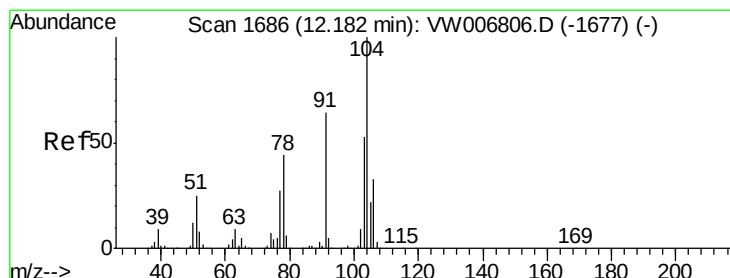
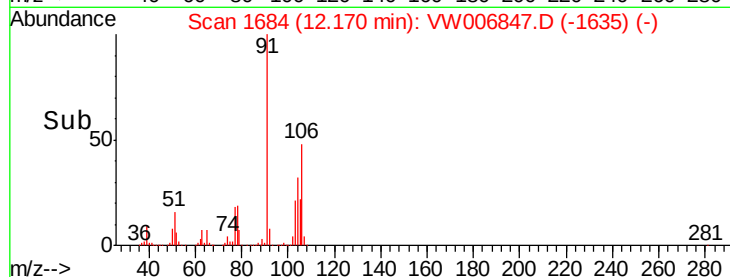
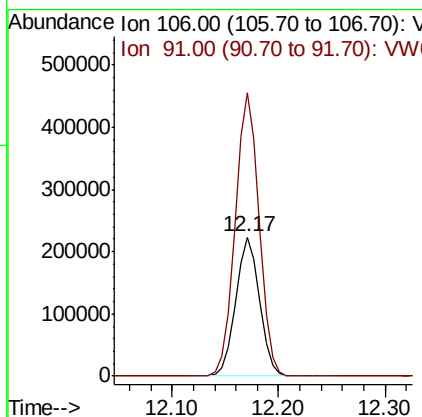
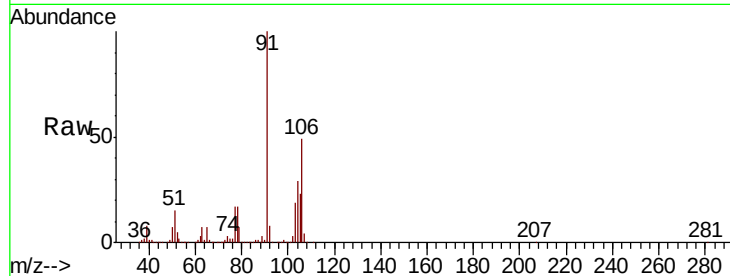
#69
o-Xylene
Concen: 52.123 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.9	101.9	305.7	

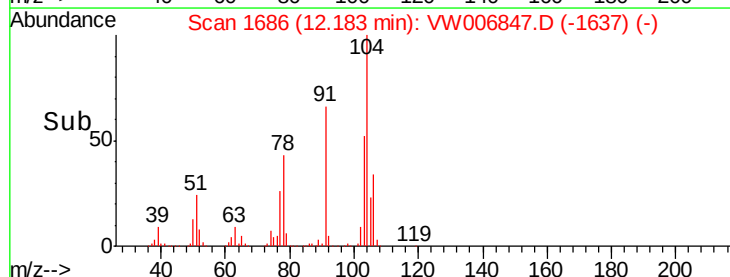
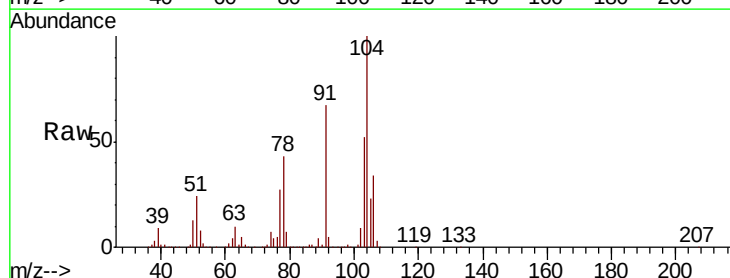
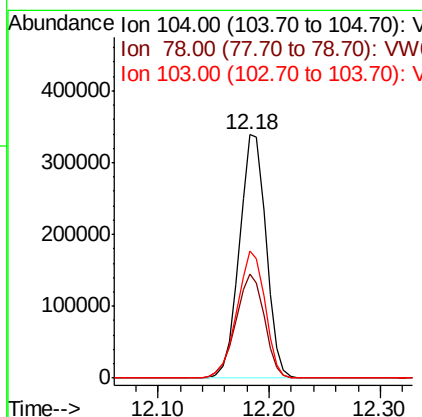
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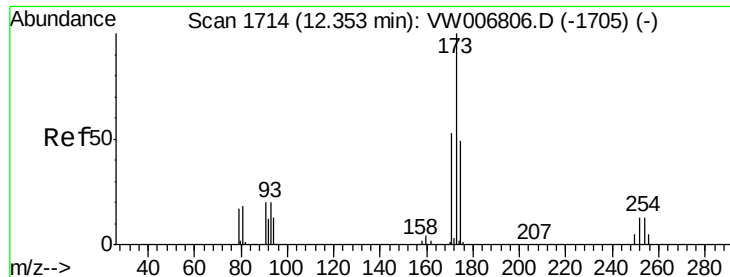
apatel
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#70
Styrene
Concen: 52.386 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	45.9	37.3	55.9	
103	54.9	44.6	66.8	





#71

Bromoform

Concen: 49.194 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

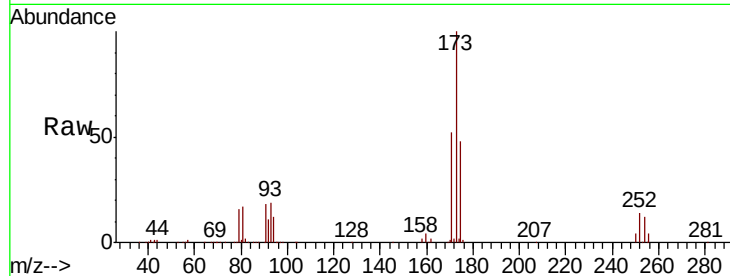
ClientSampleId :

VSTDCCC050

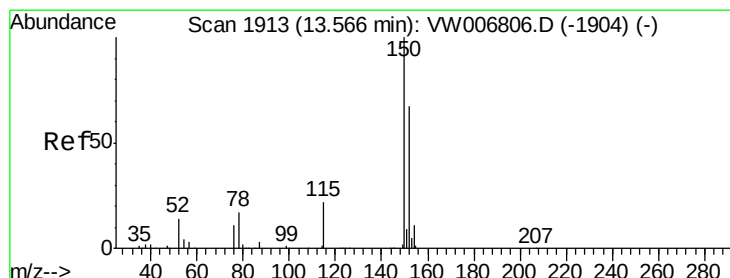
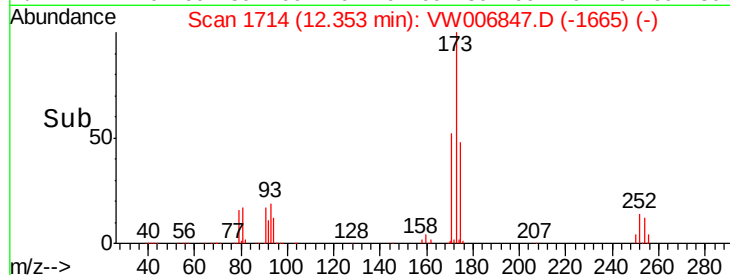
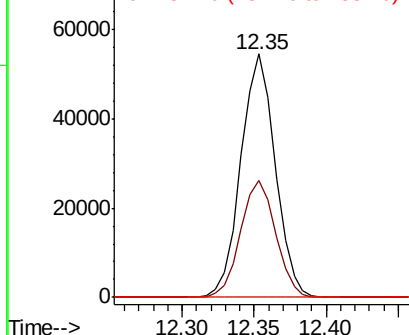
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.4	73.4
254	0.2	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

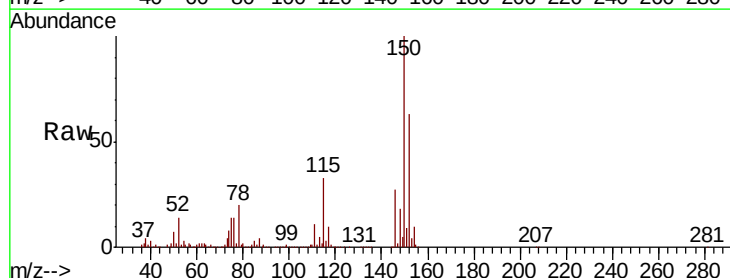
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

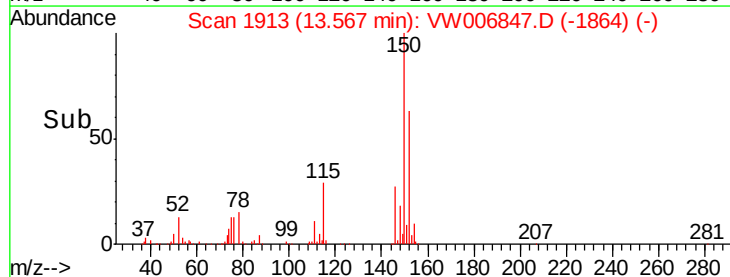
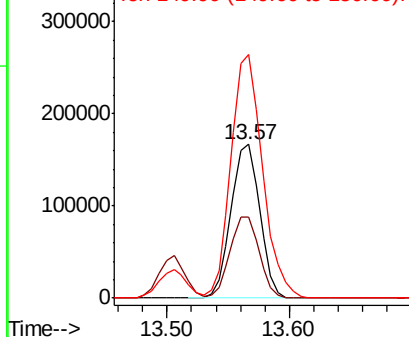
Lab File: VW006847.D

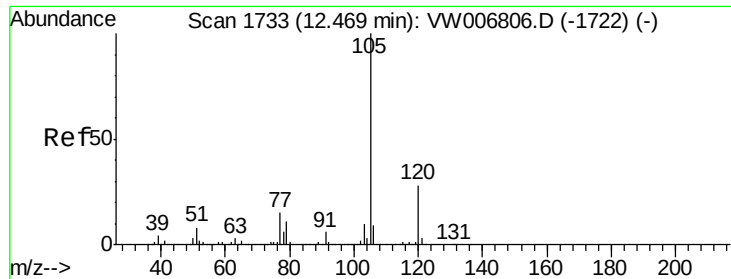
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.3	81.8
150	173.7	0.0	353.0



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





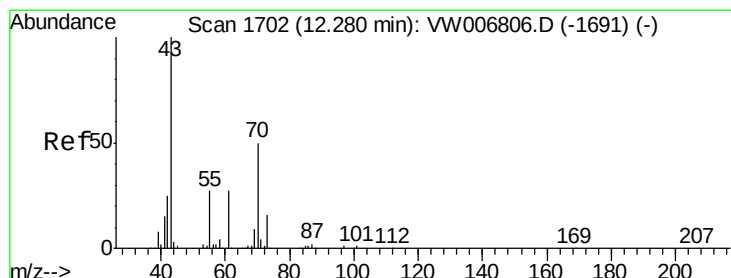
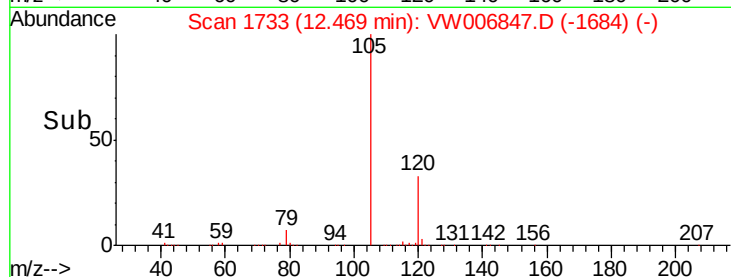
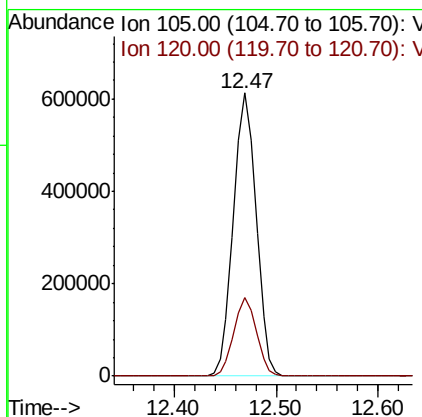
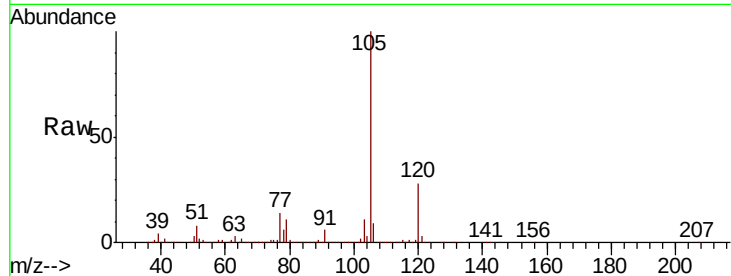
#73
Isopropylbenzene
Concen: 50.309 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	14.0	42.0

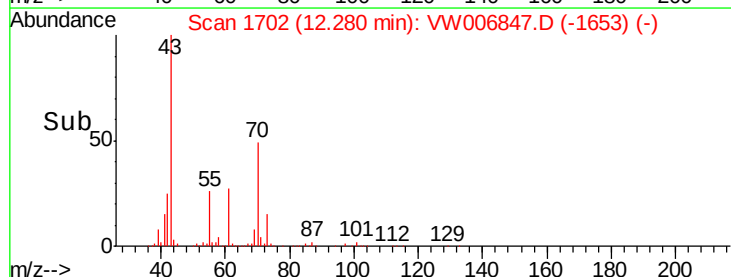
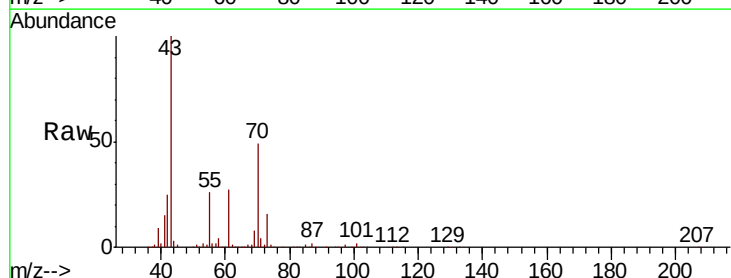
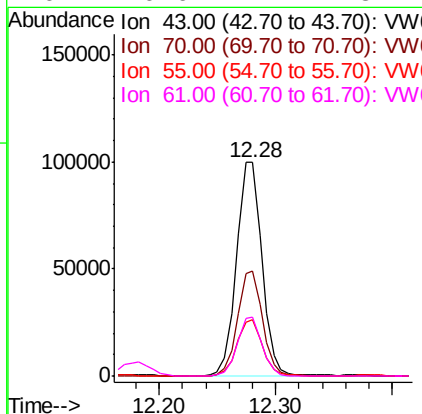
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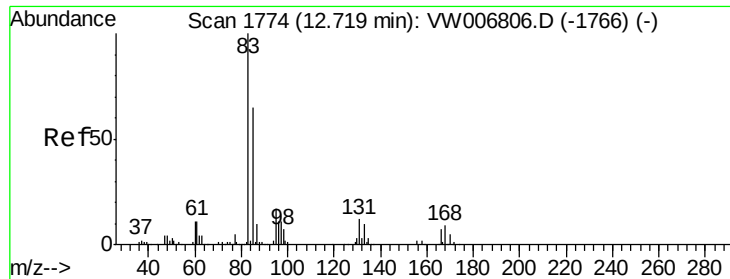
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#74
N-ethyl acetate
Concen: 53.562 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006847.D
Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.1	39.0	58.4
55	25.7	22.1	33.1
61	26.6	21.1	31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.471 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

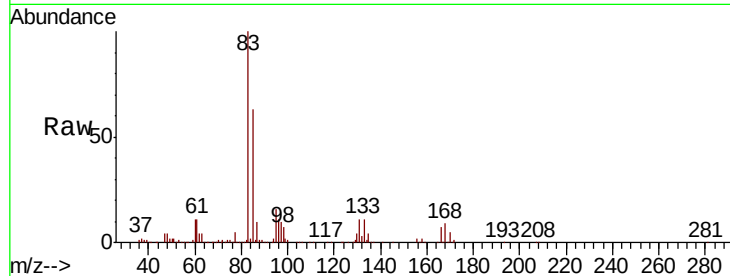
ClientSampleId :

VSTDCCC050

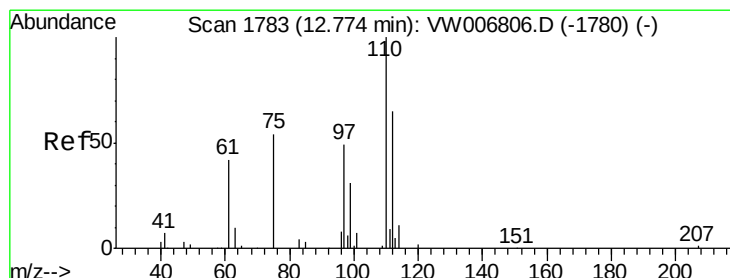
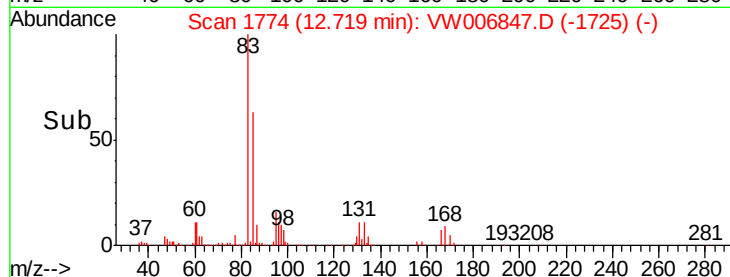
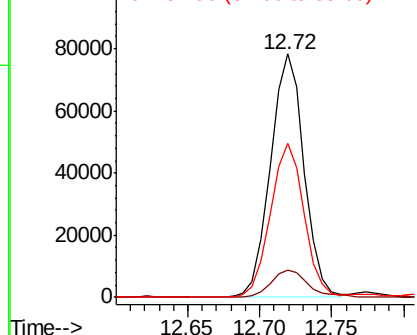
Tot Ion:	83	Resp:	126250
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.1	18.3
85	63.8	32.4	97.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): VW
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 40.684 ug/l m

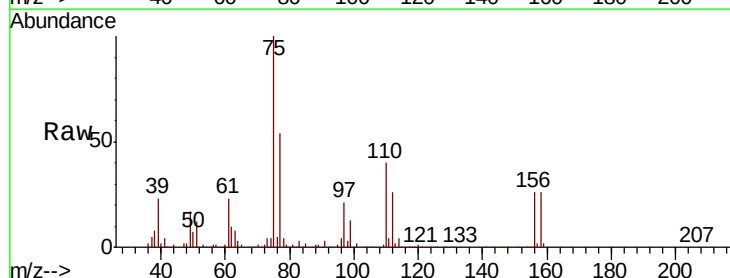
RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

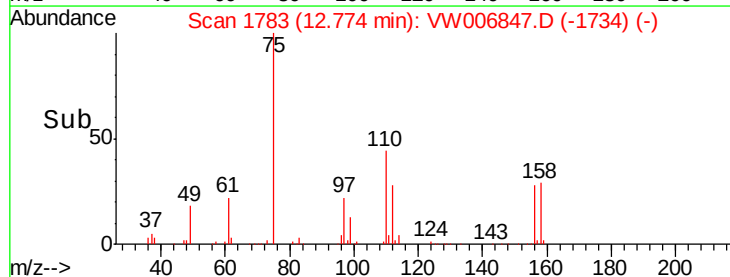
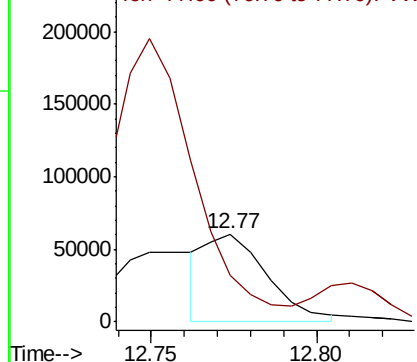
Lab File: VW006847.D

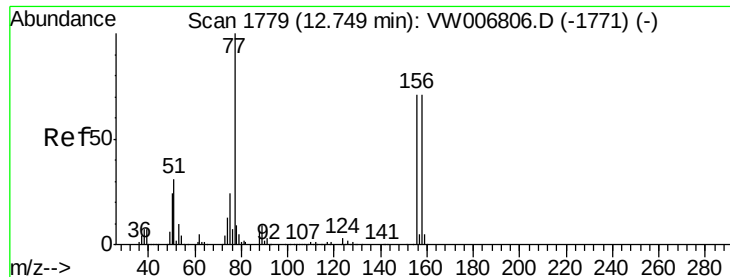
Acq: 13 Nov 2018 11:49

Tgt Ion:	75	Resp:	79529
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.784 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

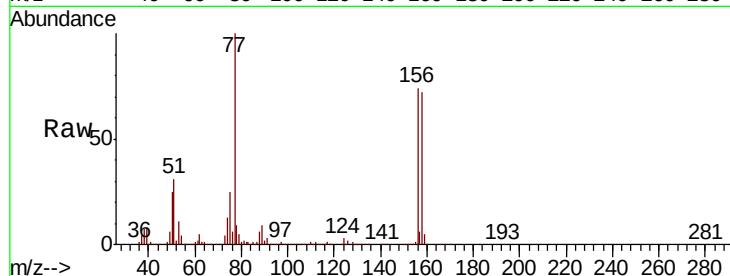
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	236326
Ion Ratio	Lower	Upper	
156	100		
77	147.5	75.3	225.7
158	96.7	49.2	147.6

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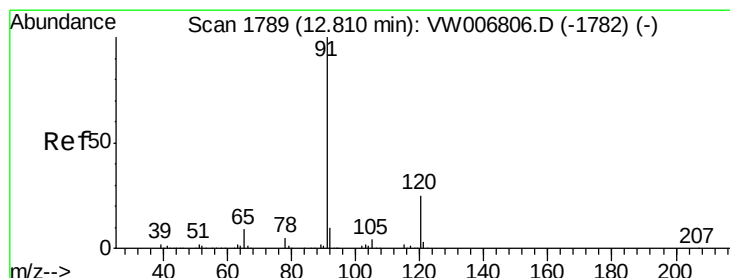
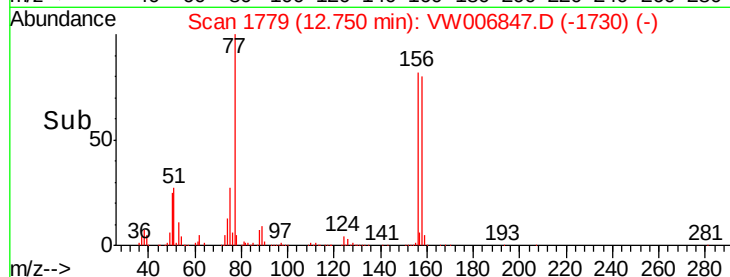
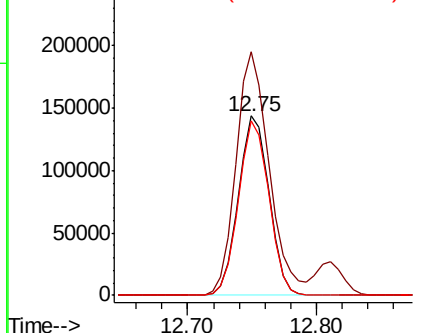
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.241 ug/l

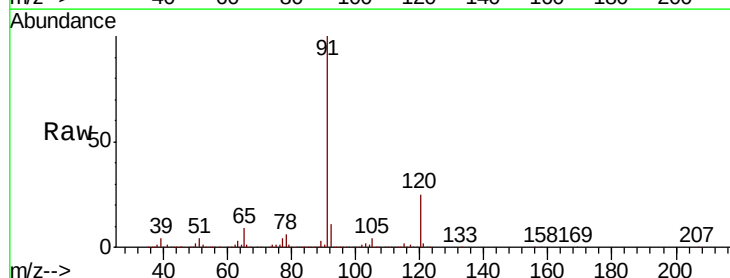
RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006847.D

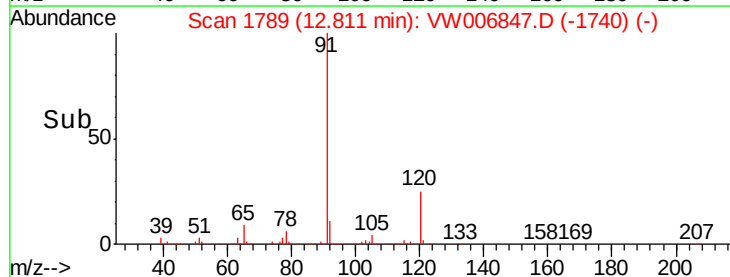
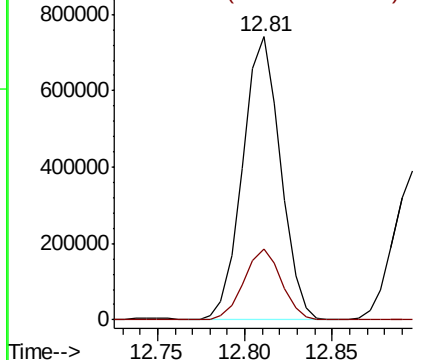
Acq: 13 Nov 2018 11:49

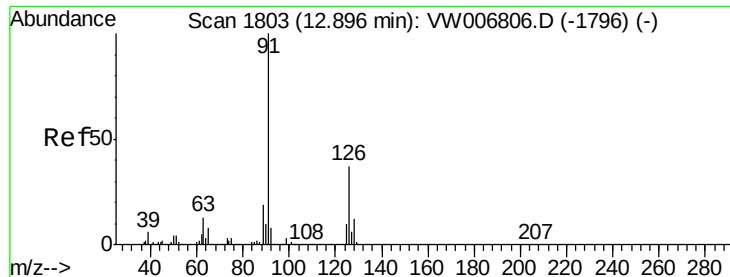
Tgt Ion:	91	Resp:	1116466
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.4	37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





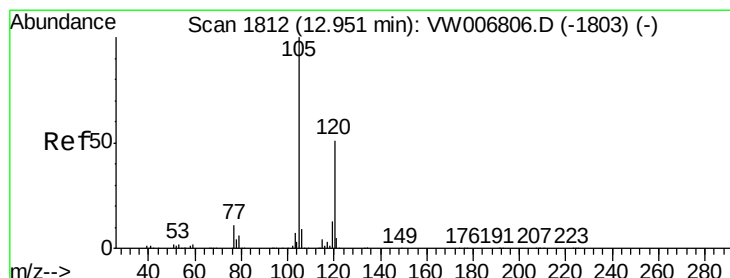
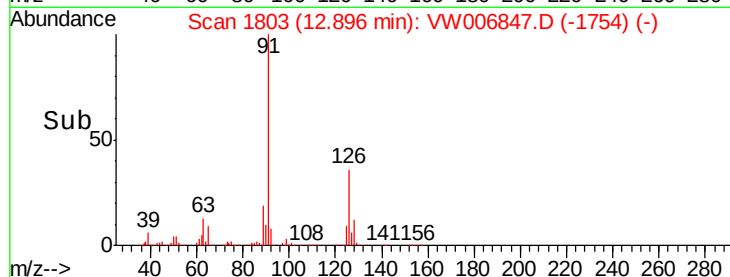
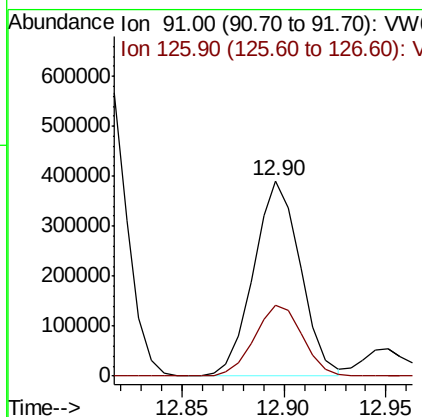
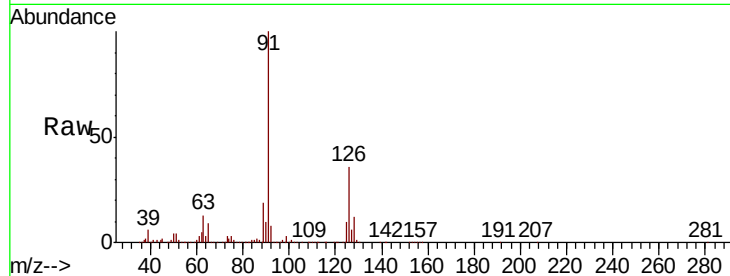
#79
 2-Chlorotoluene
 Concen: 49.920 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 622393
 Ion Ratio Lower Upper
 91 100
 126 37.4 18.5 55.5

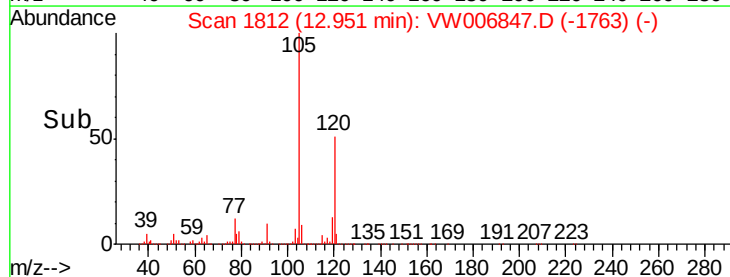
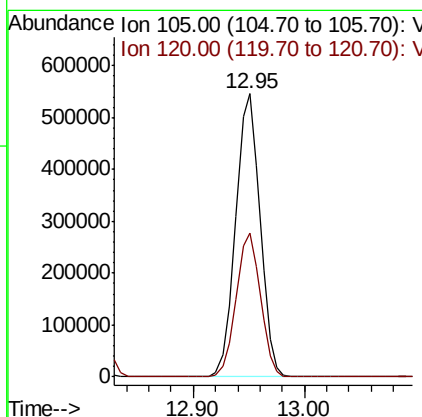
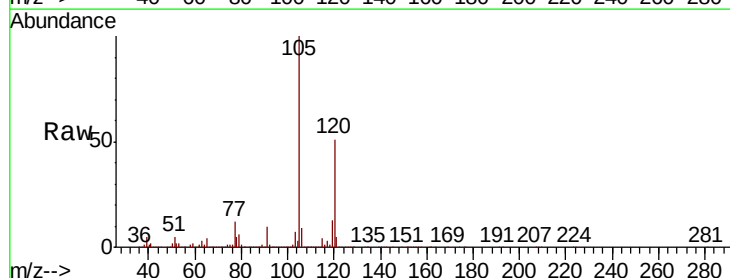
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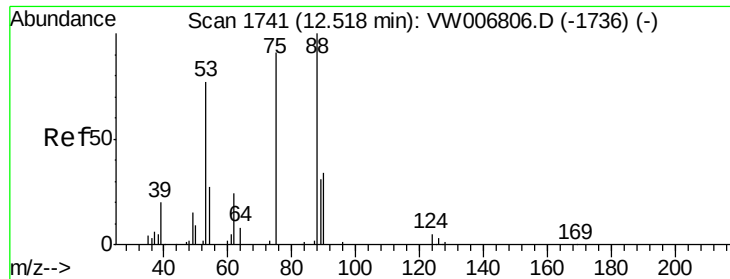
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.060 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Tgt Ion: 105 Resp: 826469
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 49.494 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

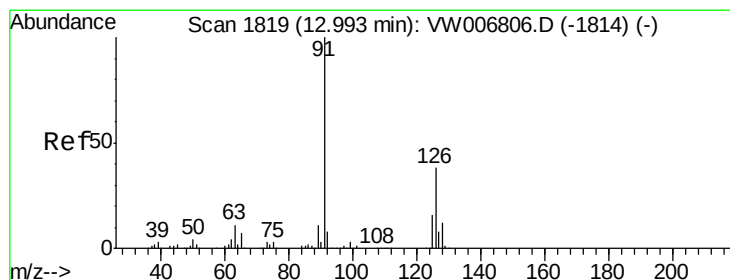
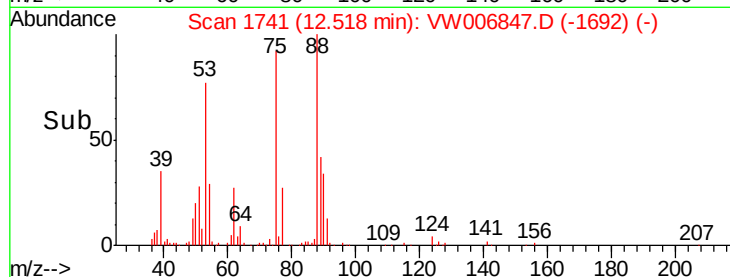
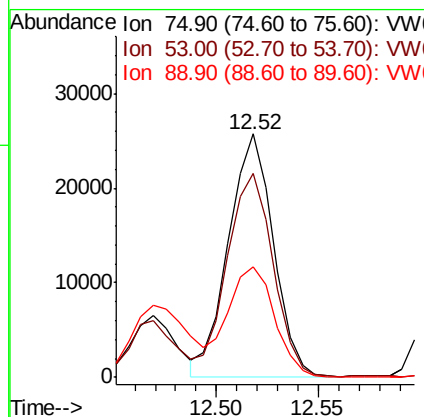
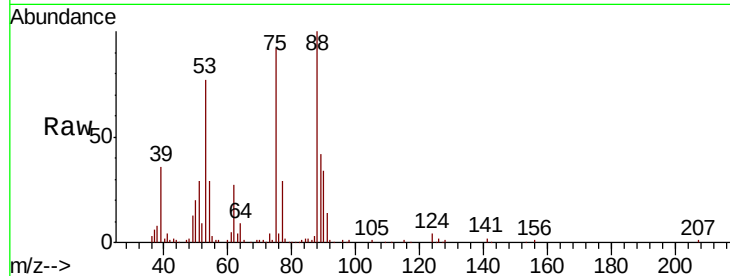
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	39114
Ion Ratio	Lower	Upper	
75	100		
53	86.1	72.9	109.3
89	48.2	38.7	58.1

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#82

4-Chlorotoluene

Concen: 49.864 ug/l

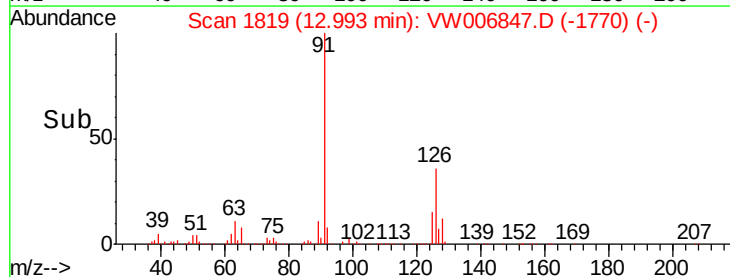
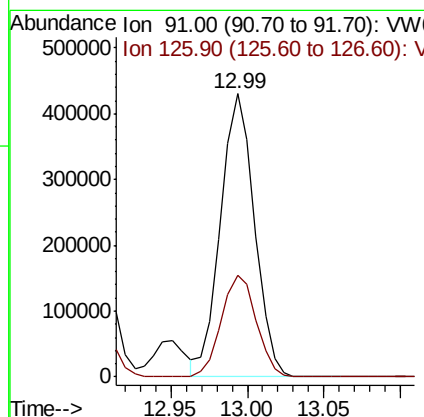
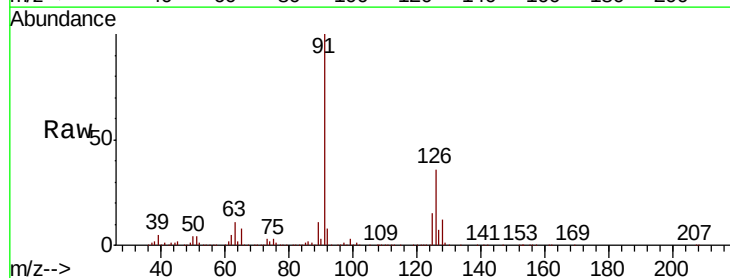
RT: 12.99 min Scan# 1819

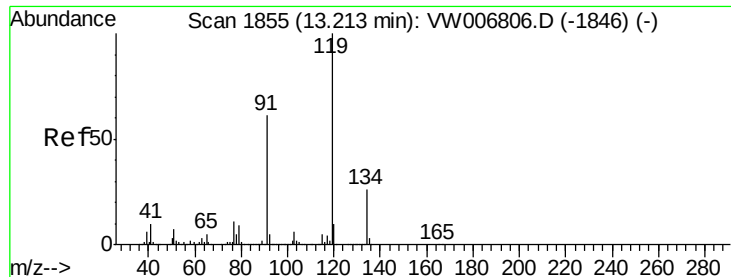
Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Tgt Ion:	91	Resp:	663307
Ion Ratio	Lower	Upper	
91	100		
126	37.1	18.4	55.2





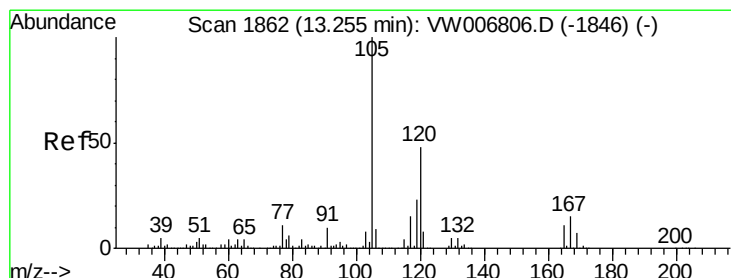
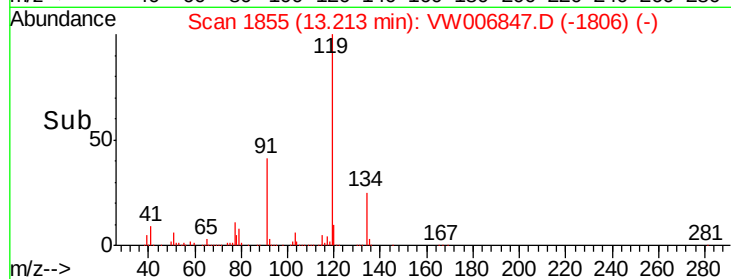
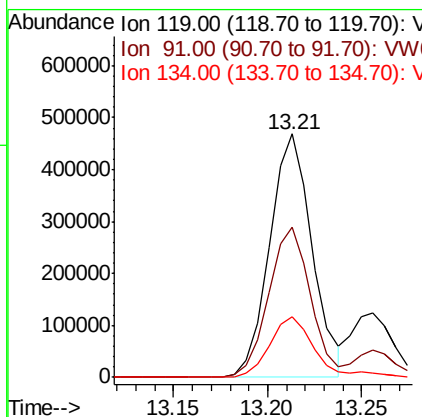
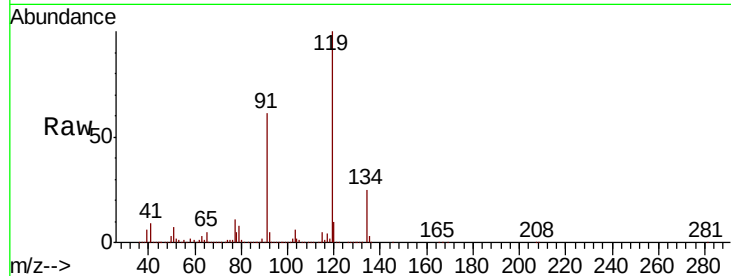
#83
 tert-Butylbenzene
 Concen: 51.105 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.0	90.1
134	26.7	13.4	40.2

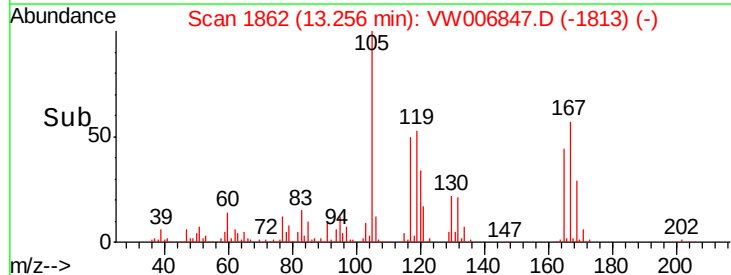
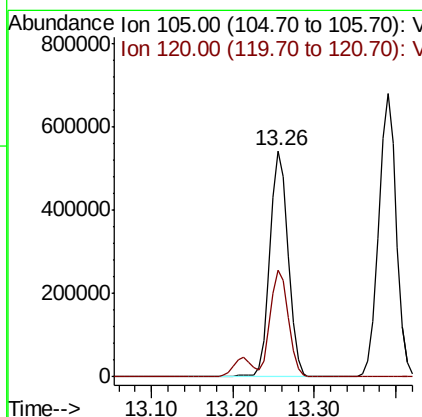
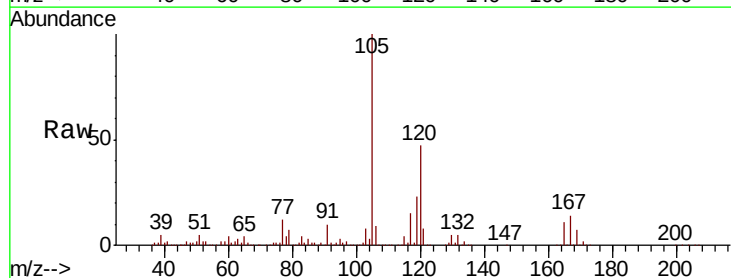
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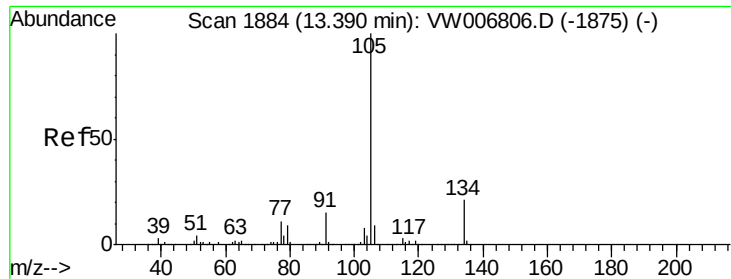
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.569 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.0





#85

sec-Butylbenzene

Concen: 50.367 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1021167

Ion Ratio Lower Upper

105 100

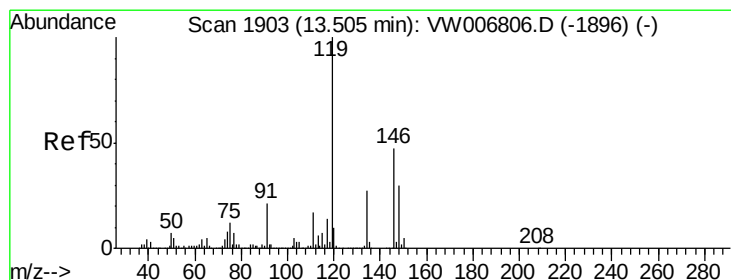
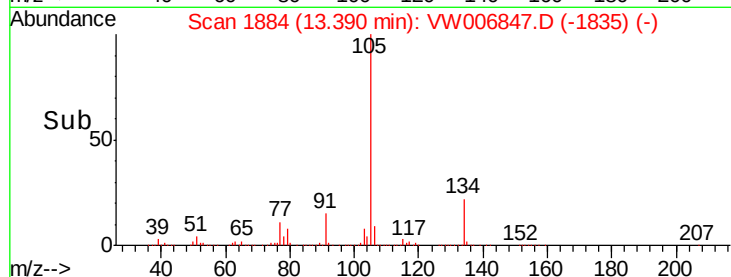
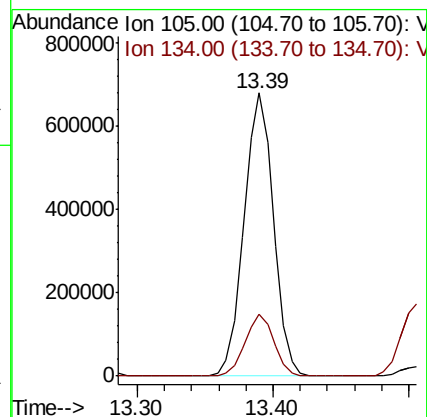
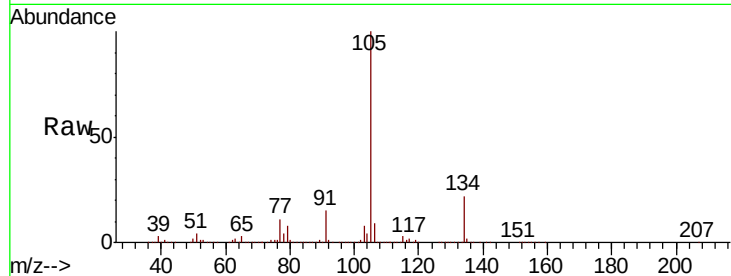
134 21.5 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 51.349 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

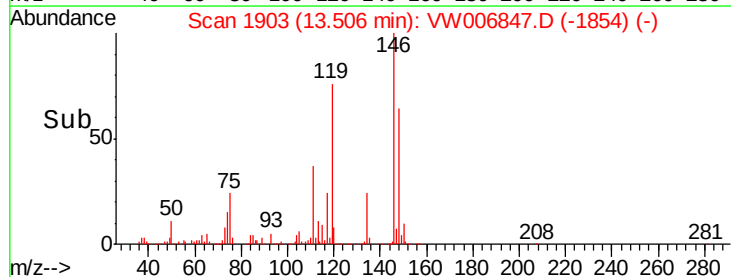
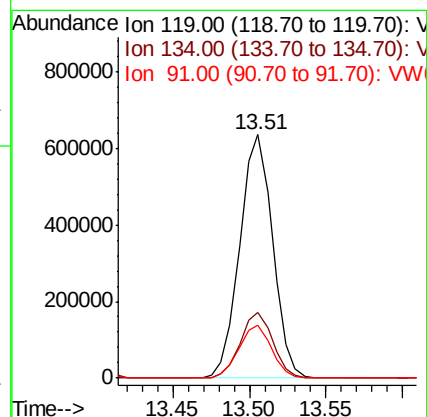
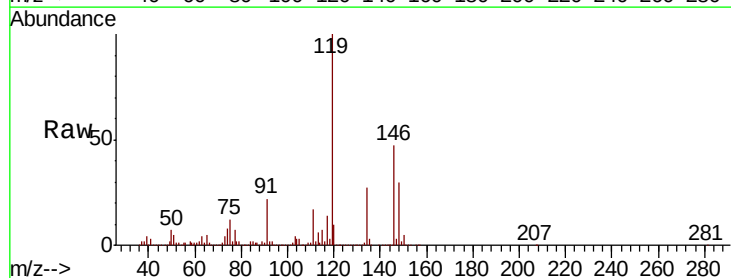
Tgt Ion:119 Resp: 946956

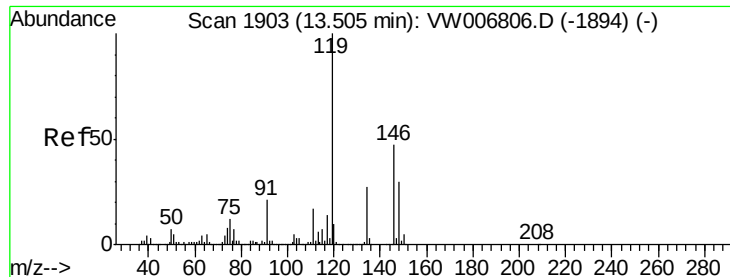
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 21.4 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 49.733 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

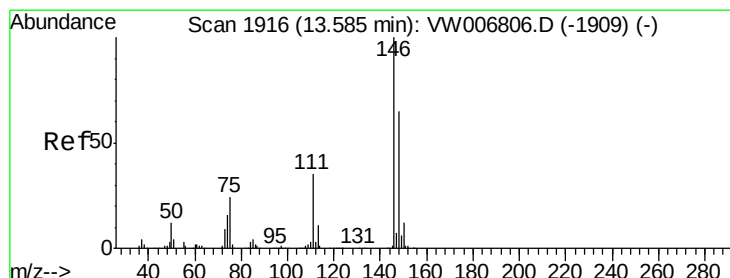
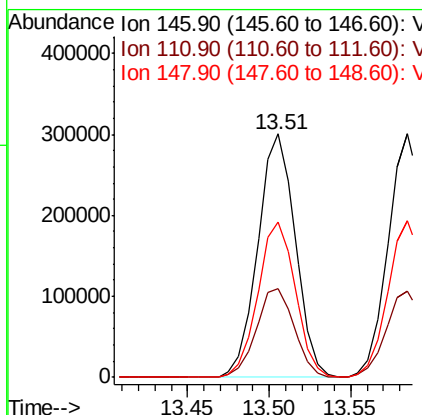
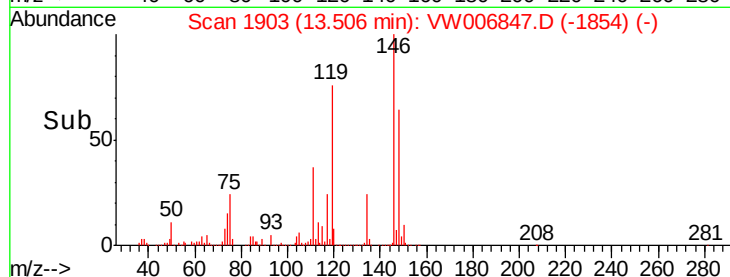
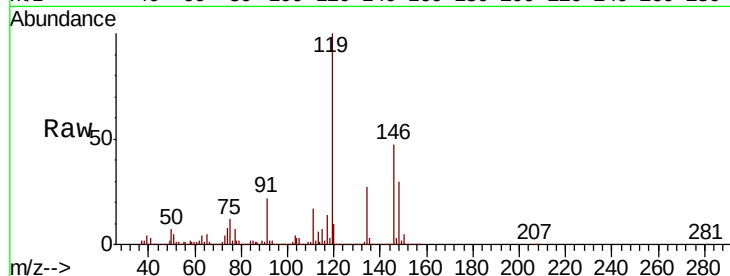
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.3	54.9
148	63.8	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 49.507 ug/l

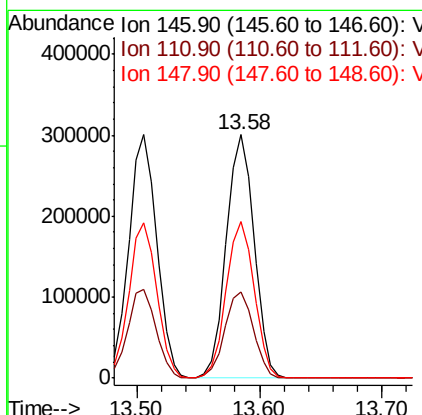
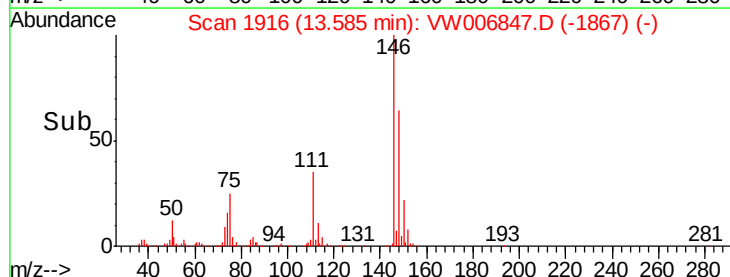
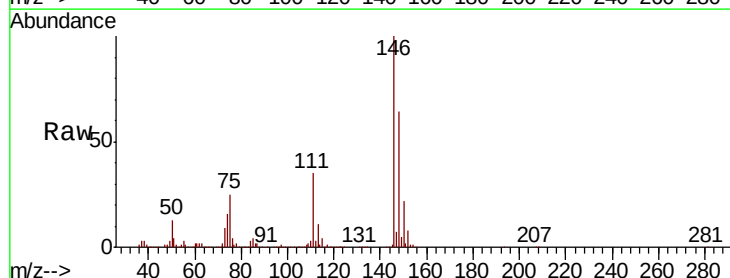
RT: 13.58 min Scan# 1916

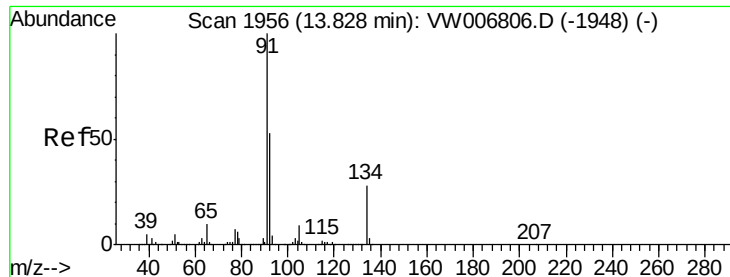
Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	17.8	53.3
148	64.6	32.0	96.0





#89

n-Butylbenzene

Concen: 50.524 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

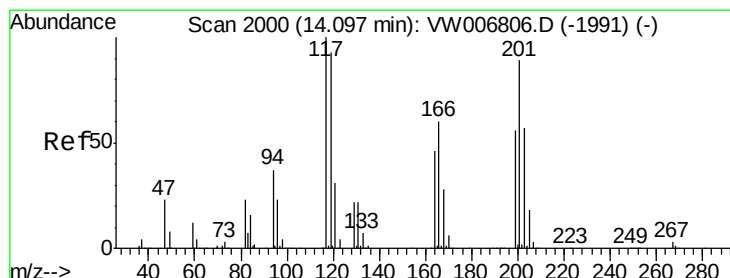
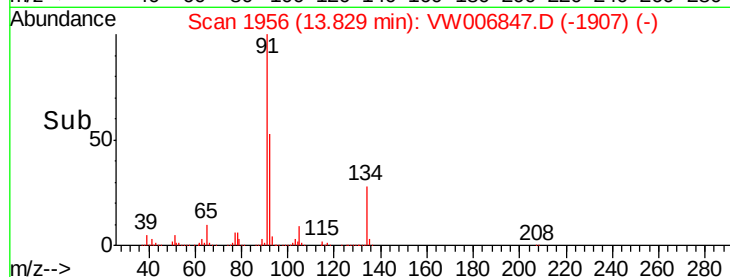
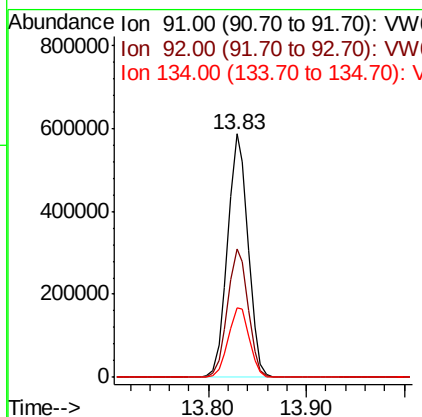
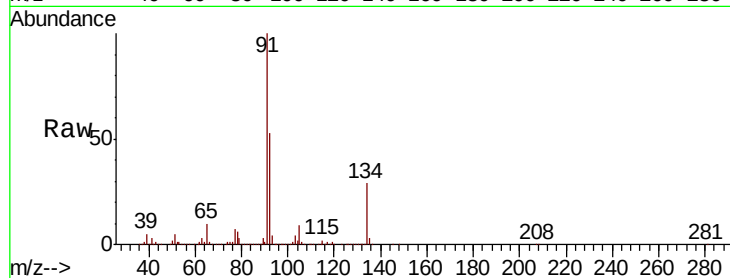
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	851509
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.4
134	29.5	14.4	43.2

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#90

Hexachloroethane

Concen: 48.399 ug/l

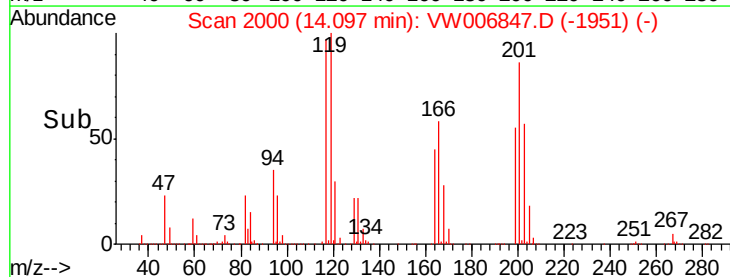
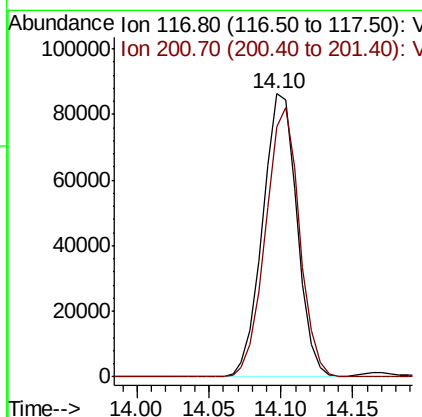
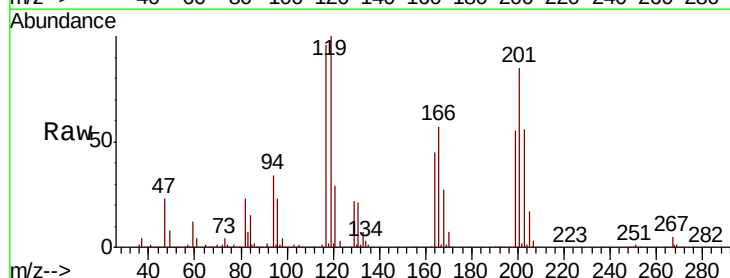
RT: 14.10 min Scan# 2000

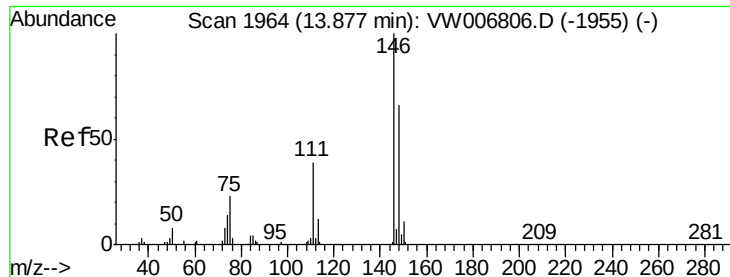
Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Tgt Ion:	117	Resp:	142818
Ion	Ratio	Lower	Upper
117	100		
201	93.7	46.9	140.6





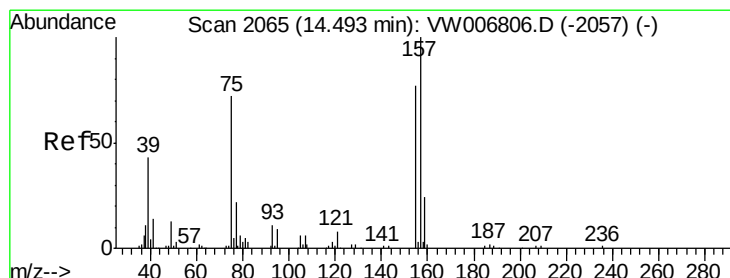
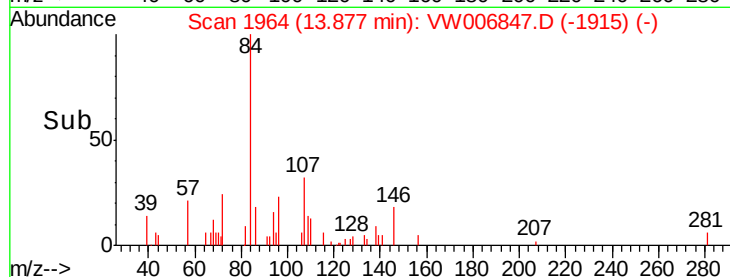
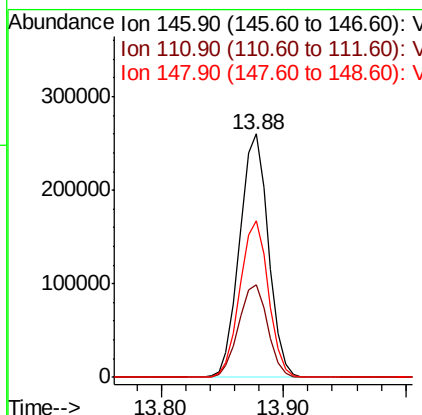
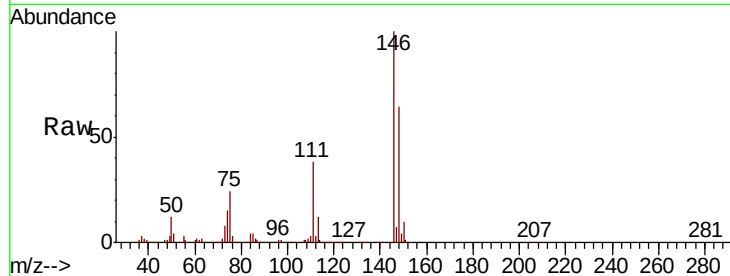
#91
 1,2-Dichlorobenzene
 Concen: 50.238 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	63.9	32.4	97.2

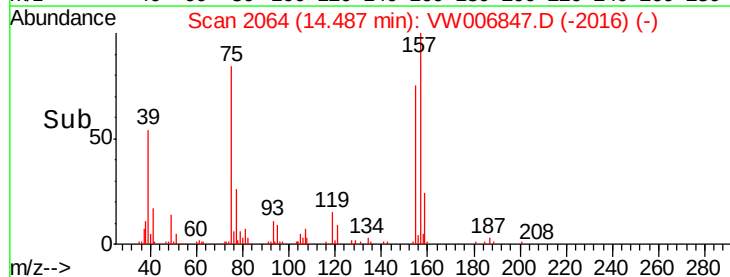
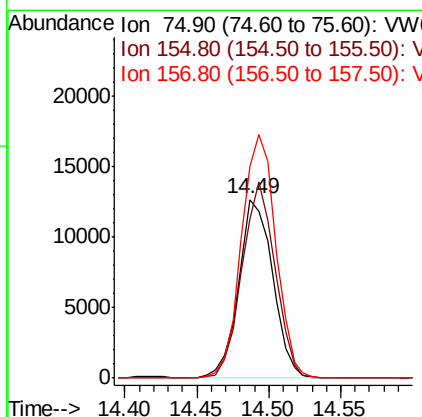
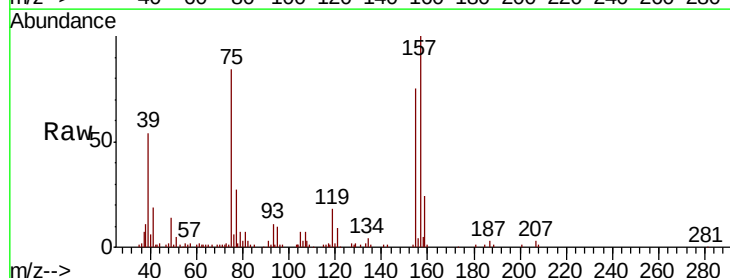
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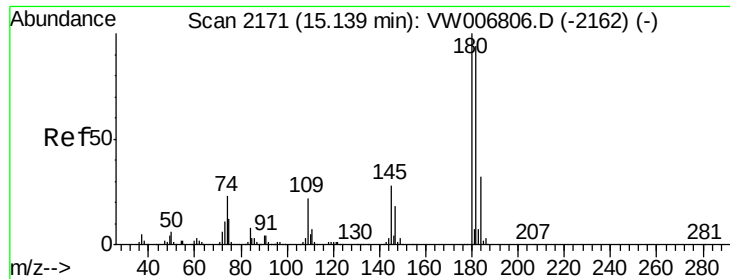
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.892 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.6	51.0	153.1
157	136.8	67.4	202.2





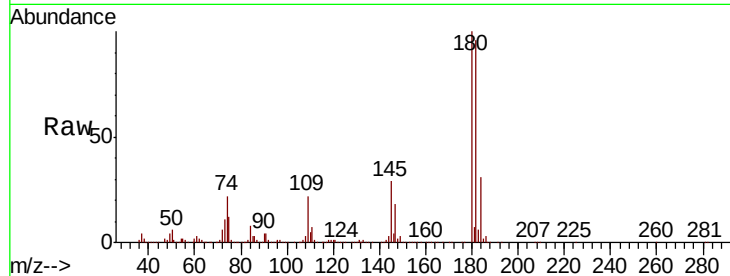
#93
 1,2,4-Trichlorobenzene
 Concen: 51.358 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	47.5	142.5	
145	28.4	14.0	41.9	

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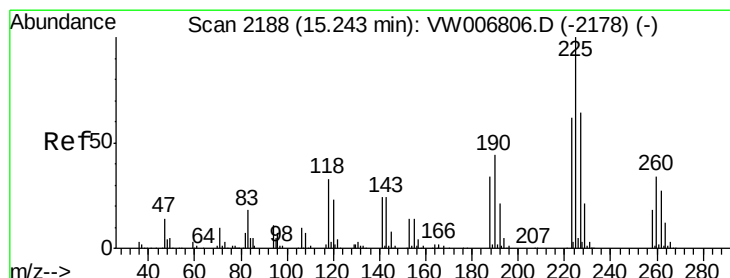
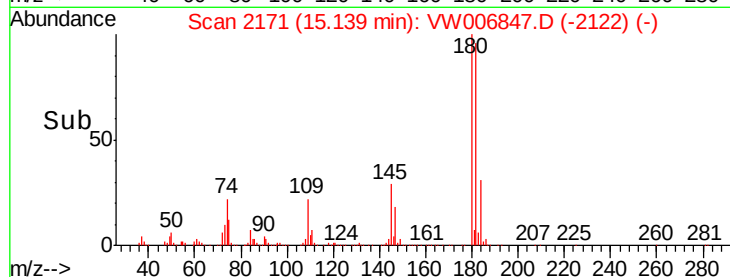
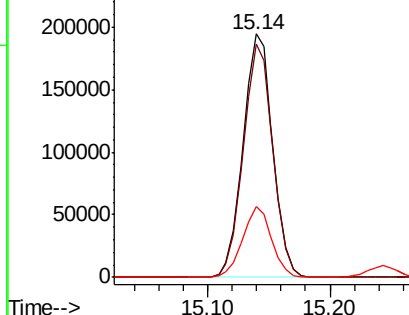


Abundance

Ion 179.80 (179.50 to 180.50): V

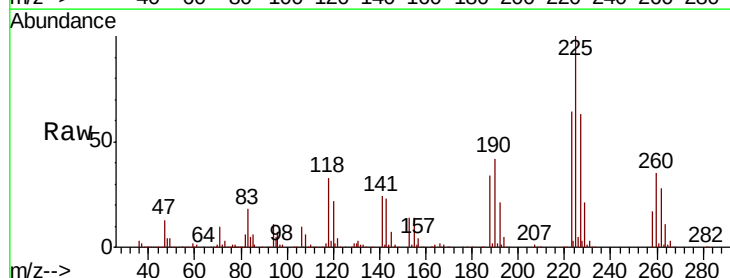
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.337 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006847.D
 Acq: 13 Nov 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	31.2	93.6	
227	63.7	32.3	96.9	

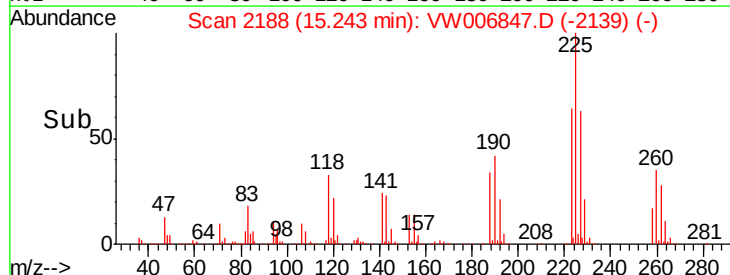
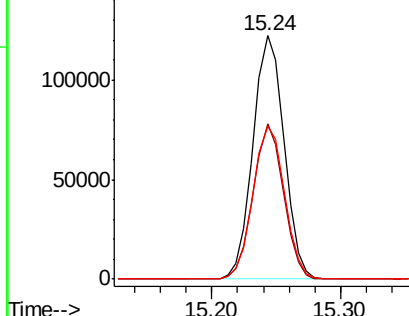


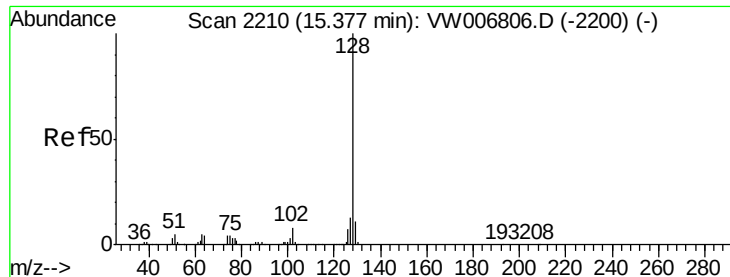
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.579 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Instrument :

MSVOA_W

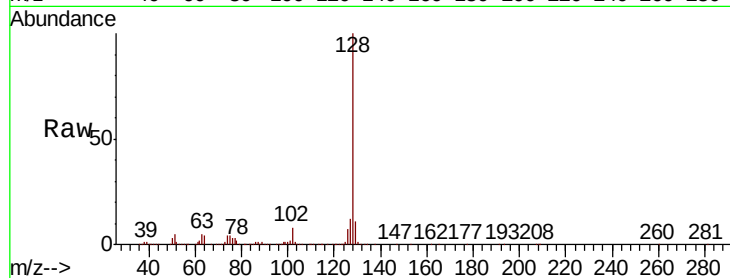
ClientSampleId :

VSTDCCC050

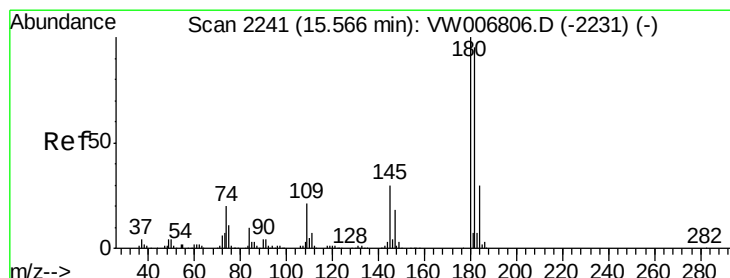
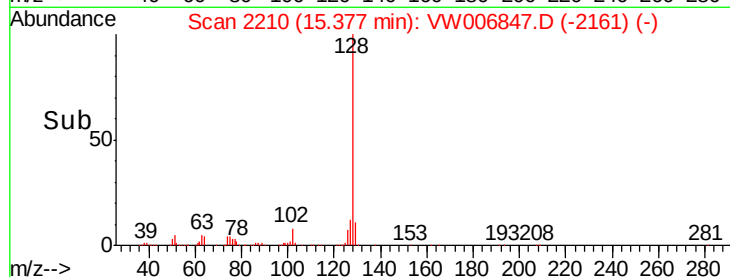
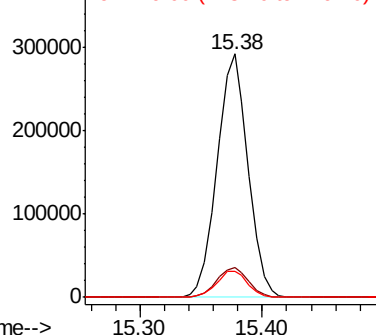
Tot Ion:	128	Resp:	509735
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
APPROVED

apatel
11/14/2018 12:48:35 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: 50.472 ug/l

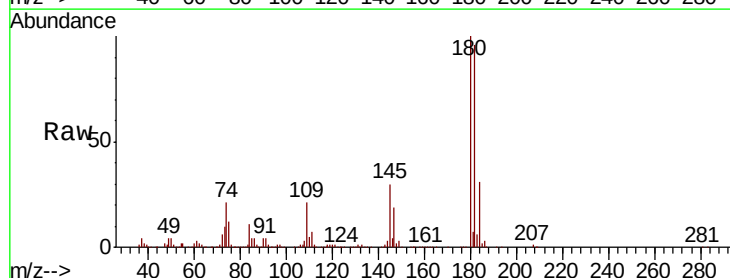
RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW006847.D

Acq: 13 Nov 2018 11:49

Tgt Ion:	180	Resp:	275521
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.9	143.6
145	30.7	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

