

Data File : VW003251.D
Acq On : 13 Jun 2018 17:50
Operator : VA/AP
Sample : VSTDIC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Manual Integrations
APPROVED

apatel
6/14/2018 10:03:30 AM

Quant Time: Jun 14 08:09:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	427520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	395433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211963	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	218110	80.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	161.84%	
35) Dibromofluoromethane	7.89	113	193384	76.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.20%	
50) Toluene-d8	10.33	98	777826	79.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	158.68%	
62) 4-Bromofluorobenzene	12.63	95	282011	79.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	158.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	59558	75.169	ug/l	89
3) Chloromethane	2.21	50	146993	70.267	ug/l	96
4) Vinyl Chloride	2.36	62	206316	63.790	ug/l	100
5) Bromomethane	2.78	94	138937	59.357	ug/l	97
6) Chloroethane	2.92	64	145955	59.690	ug/l	97
7) Trichlorofluoromethane	3.26	101	123194	68.039	ug/l	96
8) Diethyl Ether	3.68	74	92037	64.184	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	171638	70.382	ug/l	99
10) Methyl Iodide	4.26	142	267922	66.969	ug/l	99
11) Tert butyl alcohol	5.24	59	60289	341.708	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	166877	67.945	ug/l	98
13) Acrolein	3.90	56	75852	412.094	ug/l	98
14) Allyl chloride	4.67	41	299162	73.439	ug/l	99
15) Acrylonitrile	5.38	53	195083	351.564	ug/l	98
16) Acetone	4.15	43	208071	386.712	ug/l	98
17) Carbon Disulfide	4.37	76	494522	66.749	ug/l	100
18) Methyl Acetate	4.68	43	101272	73.116	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	338938	73.376	ug/l	100
20) Methylene Chloride	4.91	84	183908	67.564	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	186228	69.604	ug/l	98
22) Diisopropyl ether	6.32	45	631497	76.038	ug/l	99
23) Vinyl Acetate	6.26	43	1867847	382.086	ug/l	100
24) 1,1-Dichloroethane	6.21	63	358289	73.205	ug/l	98
25) 2-Butanone	7.19	43	278703	377.646	ug/l	99
26) 2,2-Dichloropropane	7.17	77	231388	76.671	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	209862	71.408	ug/l	99
28) Bromochloromethane	7.51	49	162027	82.041	ug/l	98
29) Tetrahydrofuran	7.54	42	172765	362.993	ug/l	100
30) Chloroform	7.68	83	366696	72.892	ug/l	98
31) Cyclohexane	7.96	56	308047	66.650	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	300967	73.854	ug/l	99
36) 1,1-Dichloropropene	8.09	75	285615	71.086	ug/l	100
37) Ethyl Acetate	7.26	43	121978	69.078	ug/l	98
38) Carbon Tetrachloride	8.07	117	283367	72.257	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	336712	70.744	ug/l	99
40) Benzene	8.33	78	799108	71.029	ug/l	99
41) Methacrylonitrile	7.49	41	74913	73.976	ug/l	98
42) 1,2-Dichloroethane	8.40	62	251147	71.799	ug/l	99
43) Isopropyl Acetate	8.43	43	246089	72.068	ug/l	100
44) Trichloroethene	9.10	130	209421	69.166	ug/l	97
45) 1,2-Dichloropropane	9.37	63	205487	72.745	ug/l	98
46) Dibromomethane	9.46	93	106237	70.366	ug/l	98
47) Bromodichloromethane	9.65	83	273361	74.145	ug/l	100
48) Methyl methacrylate	9.45	41	120210	74.067	ug/l	98
49) 1,4-Dioxane	9.49	88	32453	1386.986	ug/l	92
51) 4-Methyl-2-Pentanone	10.22	43	640100	368.851	ug/l	99
52) Toluene	10.39	92	517982	71.755	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	285712	75.251	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	323590	74.930	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	148312	71.090	ug/l	97
56) Ethyl methacrylate	10.65	69	195180	75.482	ug/l	99
57) 1,3-Dichloropropane	10.94	76	258877	71.837	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	424623	360.033	ug/l	99
59) 2-Hexanone	10.98	43	459855	389.388	ug/l	100
60) Dibromochloromethane	11.13	129	183054	72.964	ug/l	99
61) 1,2-Dibromoethane	11.24	107	142438	70.858	ug/l	100
64) Tetrachloroethene	10.87	164	180245	64.366	ug/l	99
65) Chlorobenzene	11.66	112	567009	69.735	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	205081	72.309	ug/l	99
67) Ethyl Benzene	11.74	91	1039902	72.320	ug/l	100
68) m/p-Xylenes	11.85	106	784514	142.712	ug/l	100
69) o-Xylene	12.18	106	373465	72.043	ug/l	100
70) Styrene	12.19	104	634647	73.318	ug/l	100
71) Bromoform	12.35	173	110095	72.639	ug/l #	99
73) Isopropylbenzene	12.47	105	1052123	71.705	ug/l	99
74) N-amyl acetate	12.28	43	250365	74.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	175067	70.044	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	126317m	67.198	ug/l	
77) Bromobenzene	12.76	156	241420	69.792	ug/l	99
78) n-propylbenzene	12.81	91	1289846	73.615	ug/l	100
79) 2-Chlorotoluene	12.90	91	714518	71.769	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	889431	72.688	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	58203	78.537	ug/l	98
82) 4-Chlorotoluene	13.00	91	761196	71.618	ug/l	100
83) tert-Butylbenzene	13.21	119	755259	70.122	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	911040	72.083	ug/l	100
85) sec-Butylbenzene	13.40	105	1110250	72.570	ug/l	100
86) p-Isopropyltoluene	13.51	119	994005	72.663	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	489447	70.280	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	481133	69.172	ug/l	99
89) n-Butylbenzene	13.83	91	961350	74.268	ug/l	100
90) Hexachloroethane	14.10	117	179845	74.026	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	429743	69.300	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29964	69.797	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061318\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	307871	69.733	ug/l	100
94) Hexachlorobutadiene	15.25	225	178897	69.152	ug/l	98
95) Naphthalene	15.38	128	550576	70.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	268344	69.056	ug/l	99

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

Data File : VW003251.D

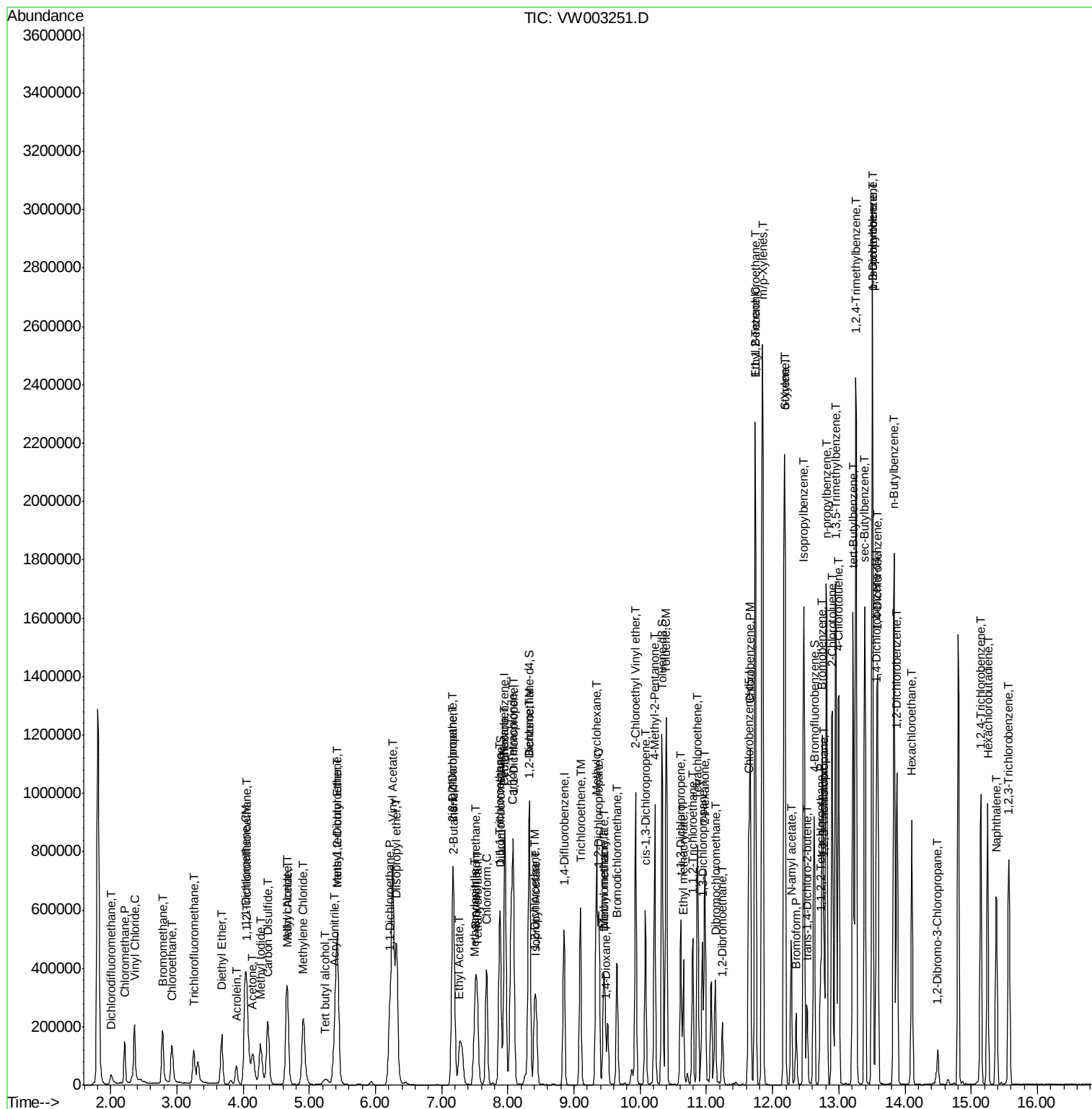
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Acq On       : 13 Jun 2018   17:50
Operator     : VA/AP
Sample       : VSTDICC075
Misc         : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial     : 8      Sample Multiplier: 1
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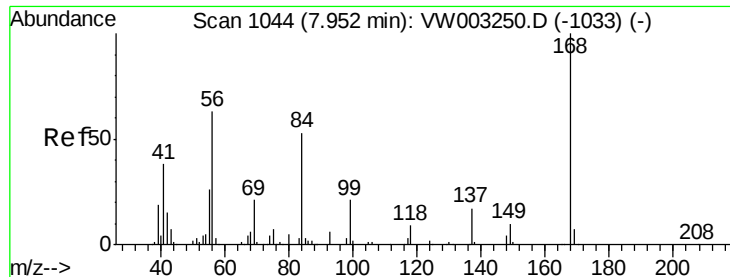
Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003251.D

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Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 168 Resp: 272849

Ion Ratio Lower Upper

168 100

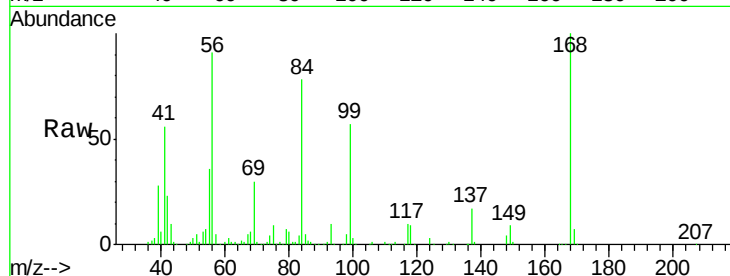
99 56.6 45.5 68.3

Manual Integrations

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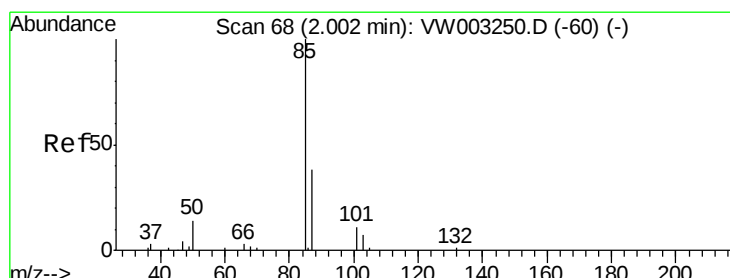
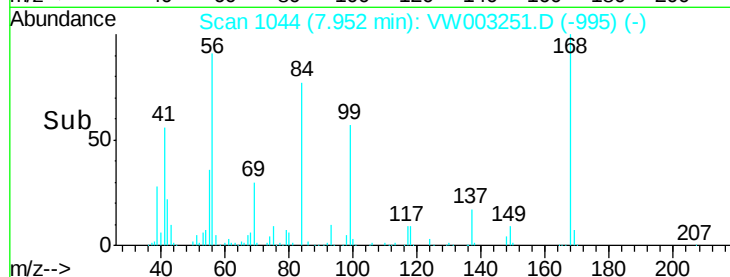
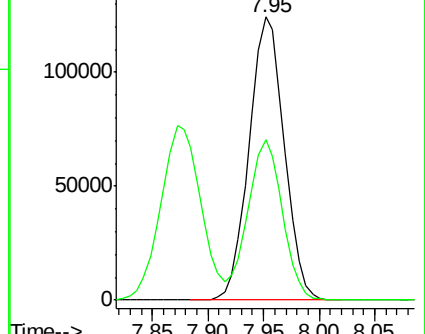
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 75.169 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003251.D

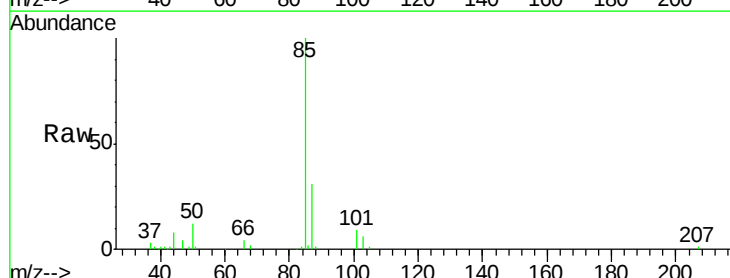
Acq: 13 Jun 2018 17:50

Tgt Ion: 85 Resp: 59558

Ion Ratio Lower Upper

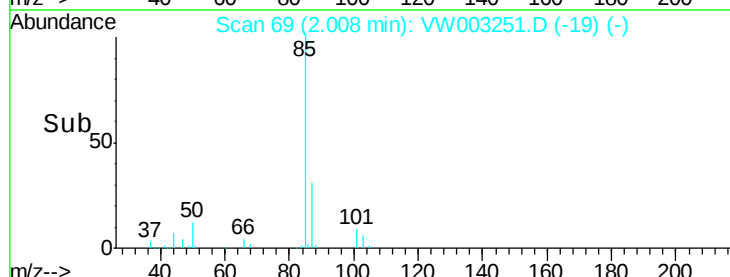
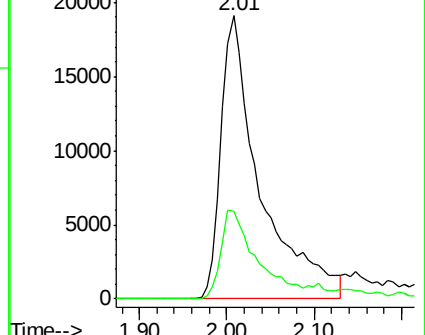
85 100

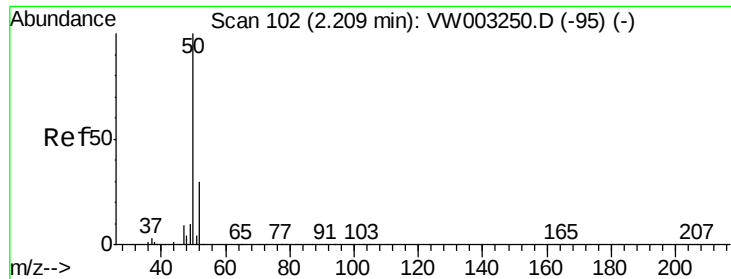
87 31.2 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 70.267 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 50 Resp: 146993

Ion Ratio Lower Upper

50 100

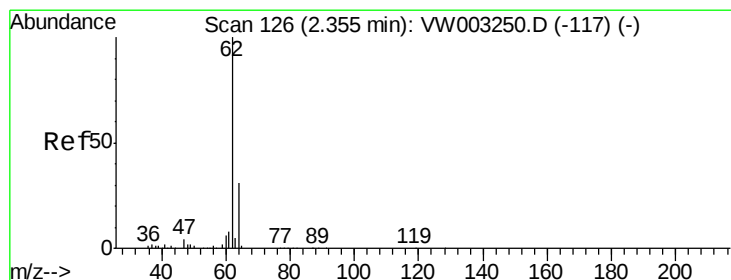
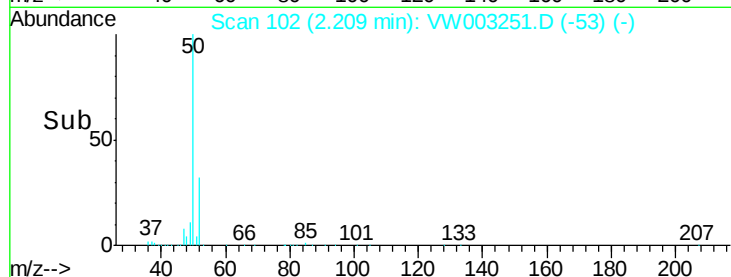
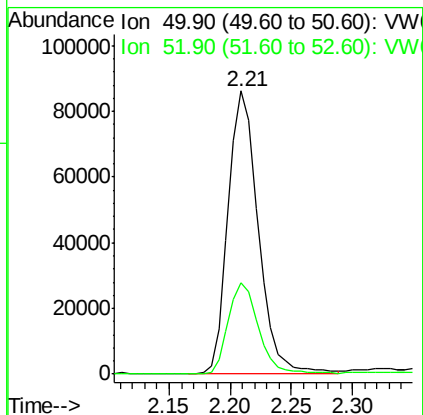
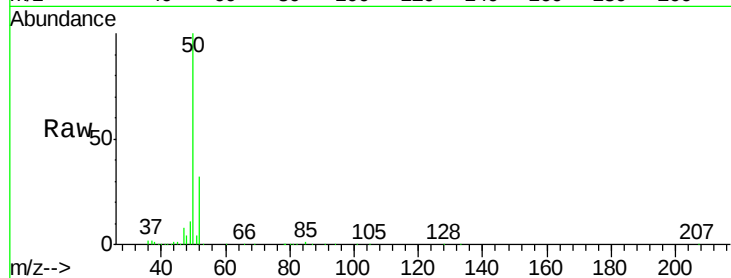
52 32.5 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 63.790 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003251.D

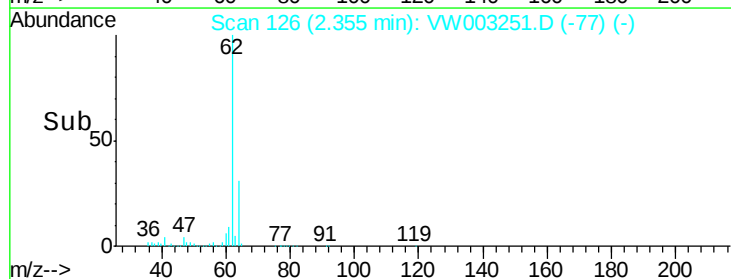
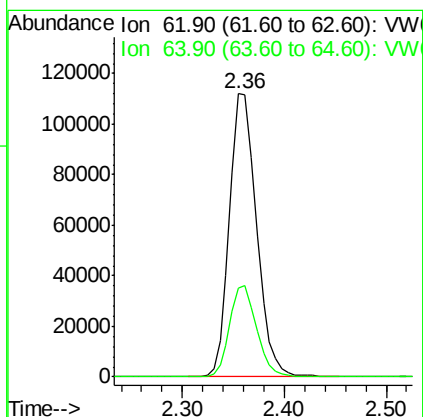
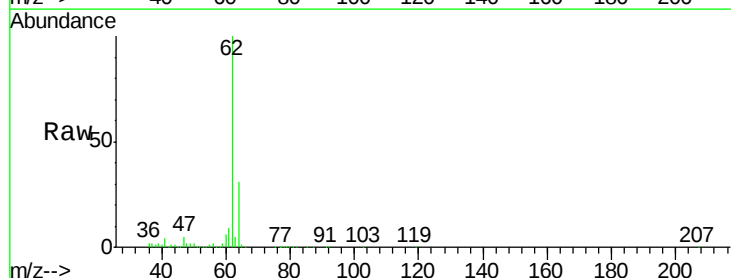
Acq: 13 Jun 2018 17:50

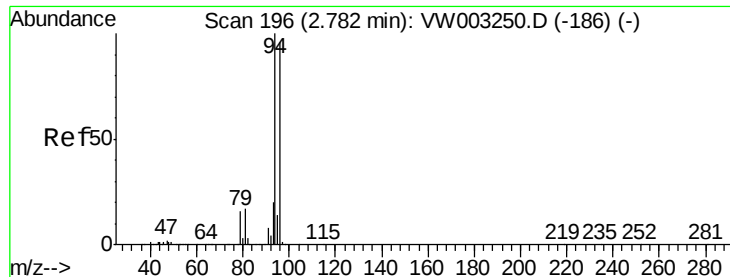
Tgt Ion: 62 Resp: 206316

Ion Ratio Lower Upper

62 100

64 31.2 24.9 37.3





#5

Bromomethane

Concen: 59.357 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 94 Resp: 138937

Ion Ratio Lower Upper

94 100

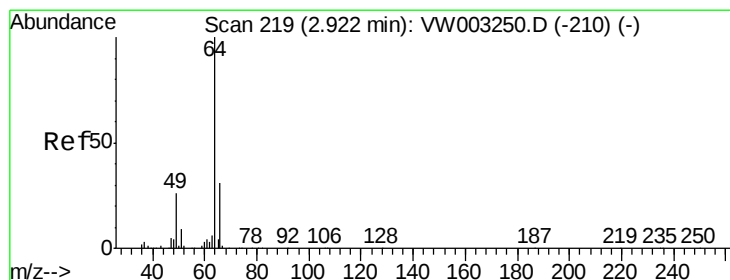
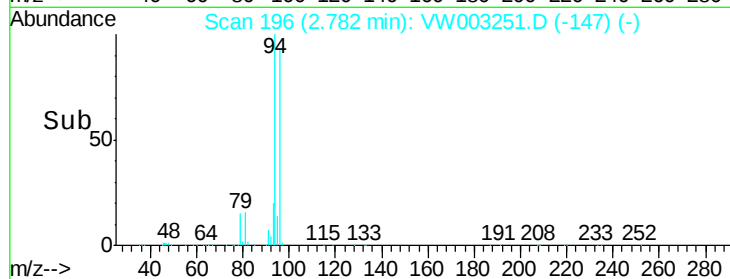
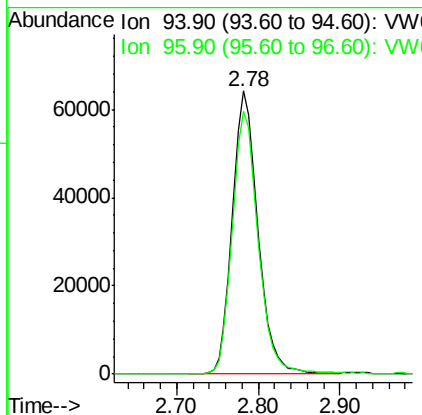
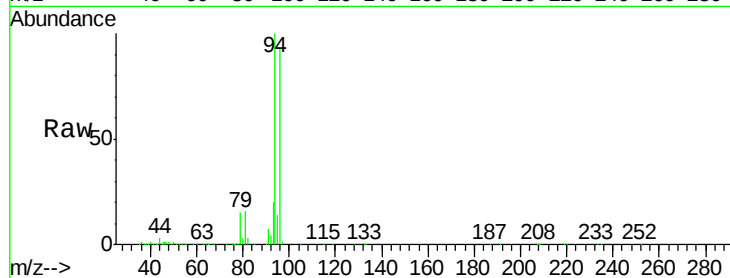
96 92.7 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 59.690 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW003251.D

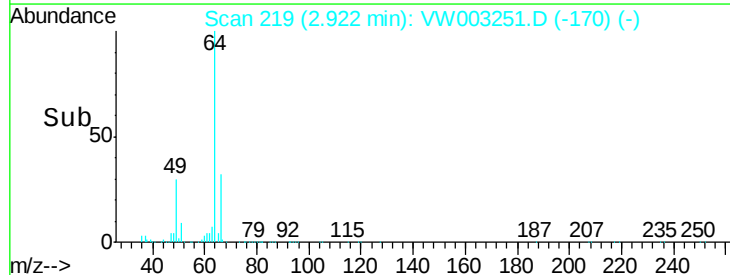
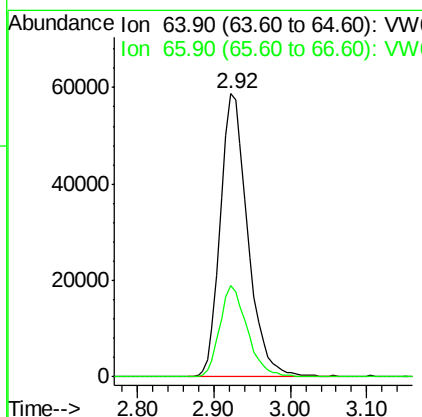
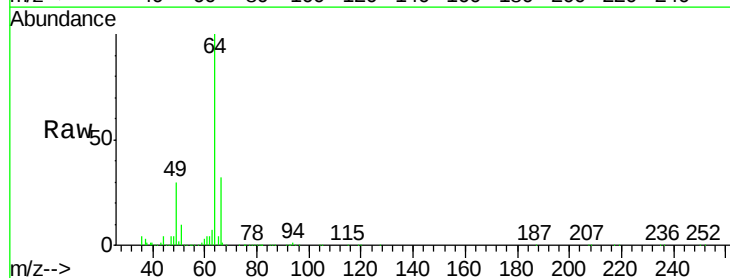
Acq: 13 Jun 2018 17:50

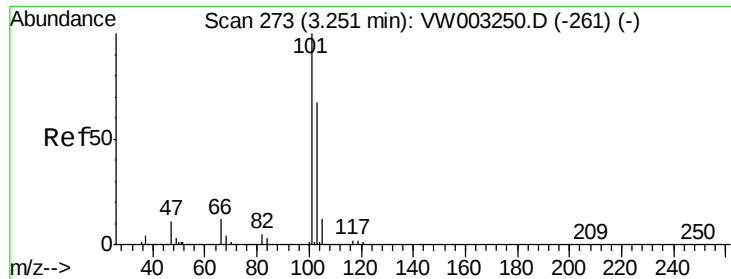
Tgt Ion: 64 Resp: 145955

Ion Ratio Lower Upper

64 100

66 32.1 24.4 36.6





#7

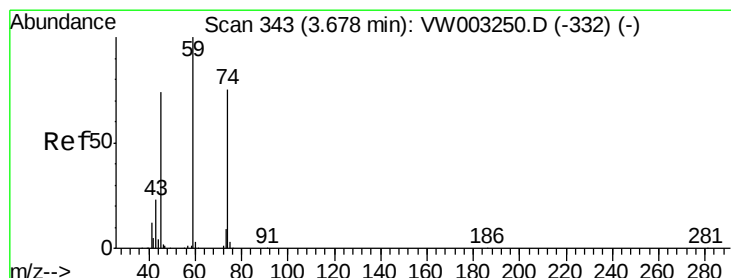
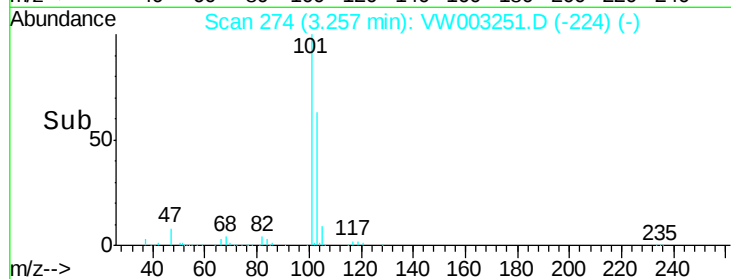
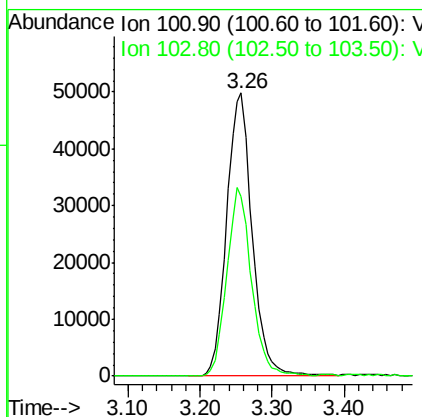
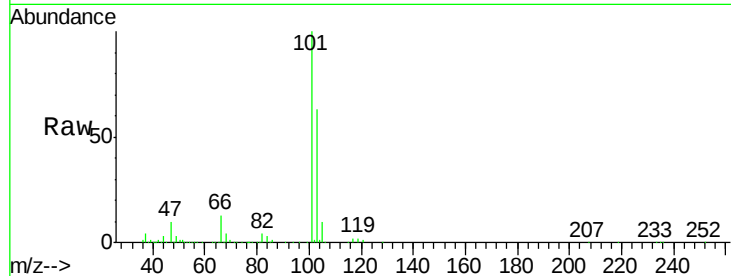
Trichlorofluoromethane
Concen: 68.039 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW003251.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	123194		
103	63.4	53.4	80.0	

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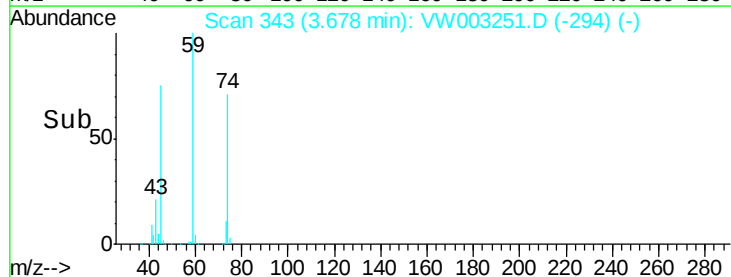
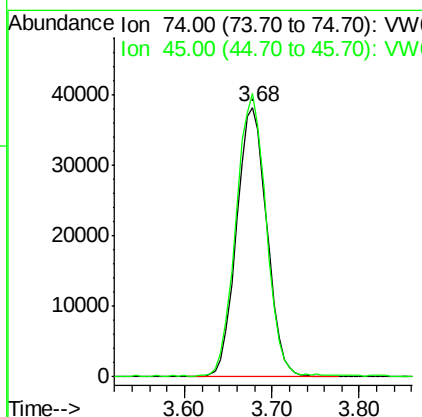
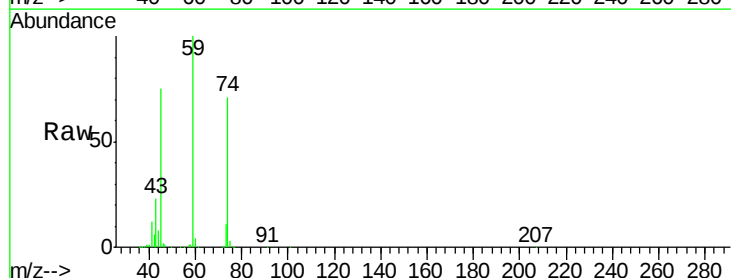
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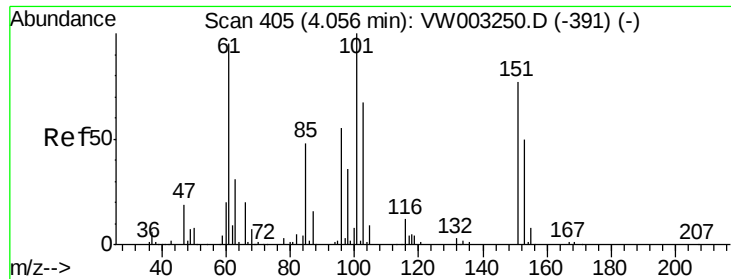


#8

Diethyl Ether
Concen: 64.184 ug/l
RT: 3.68 min Scan# 343
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	92037		
45	103.3	51.4	154.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 70.382 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

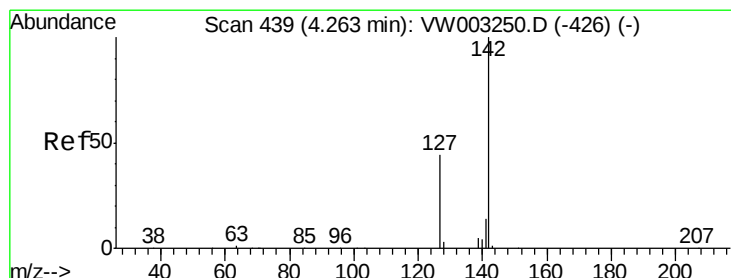
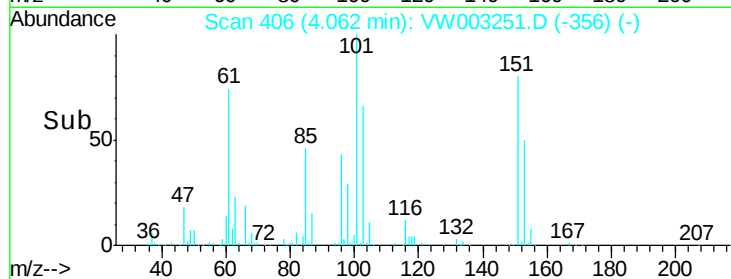
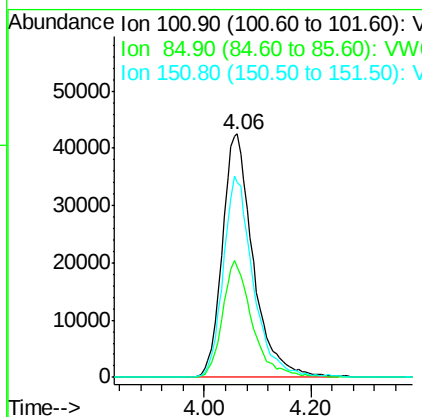
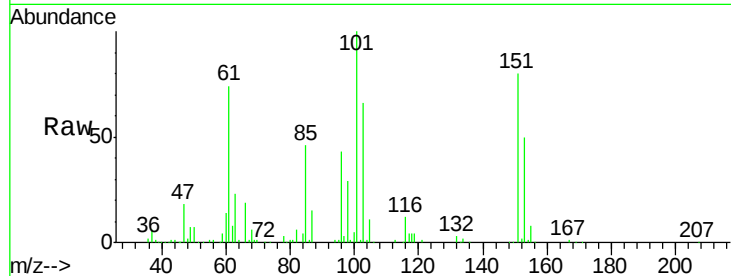
ClientSampleId :

VSTDIC075

Tgt	Ion:101	Resp:	171638
Ion	Ratio	Lower	Upper
101	100		
85	45.8	37.0	55.6
151	80.0	63.3	94.9

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#10

Methyl Iodide

Concen: 66.969 ug/l

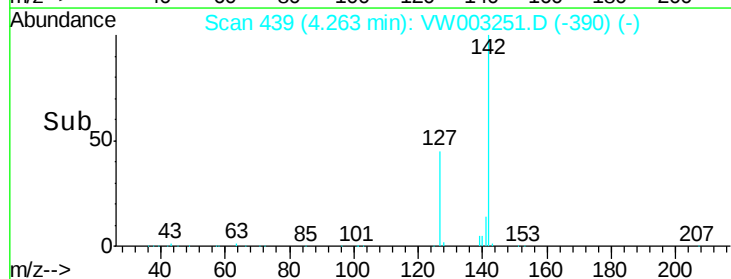
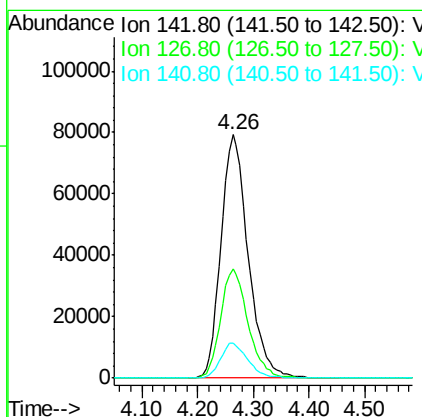
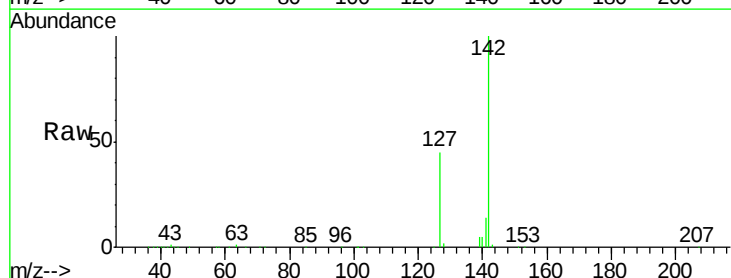
RT: 4.26 min Scan# 439

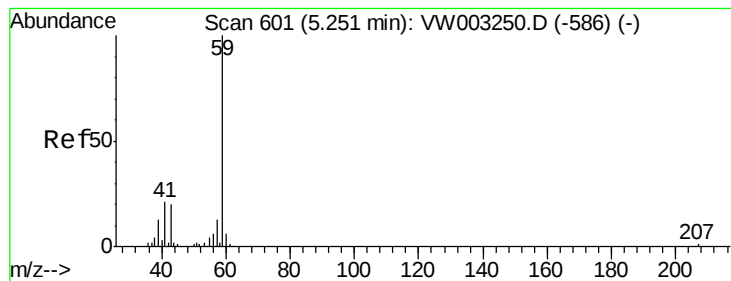
Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Tgt	Ion:142	Resp:	267922
Ion	Ratio	Lower	Upper
142	100		
127	45.3	36.5	54.7
141	14.5	12.1	18.1





#11

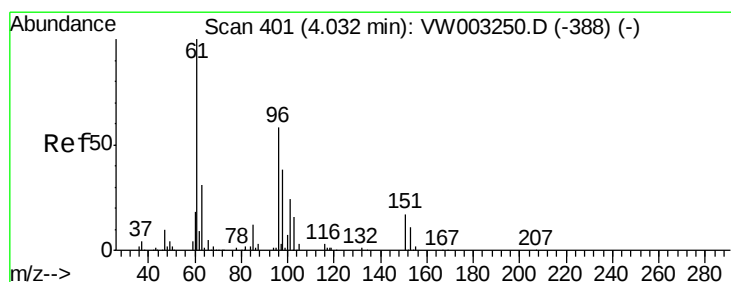
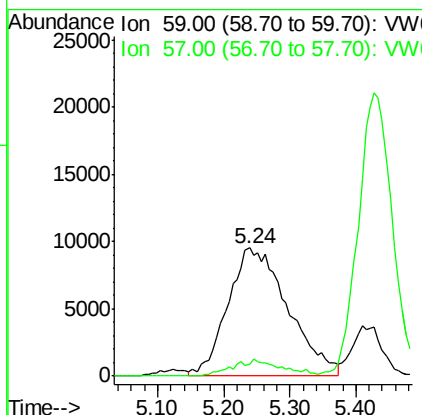
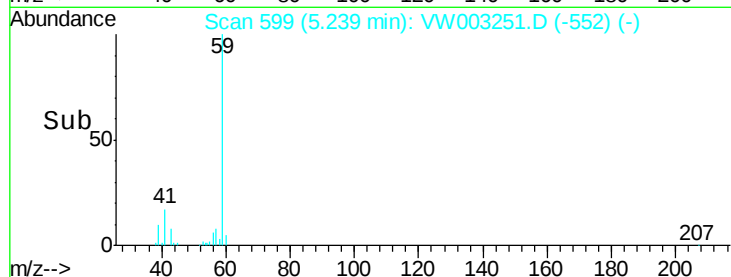
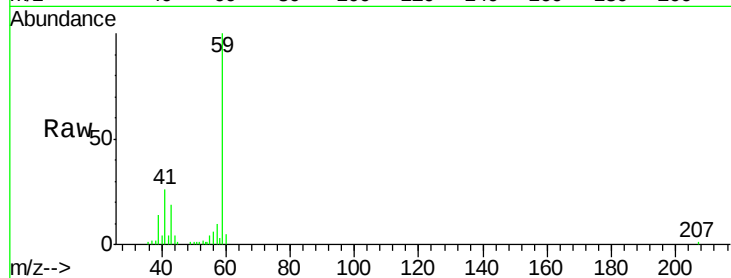
Tert butyl alcohol
Concen: 341.708 ug/l
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 59 Resp: 60289
Ion Ratio Lower Upper
59 100
57 10.7 4.2 6.2#

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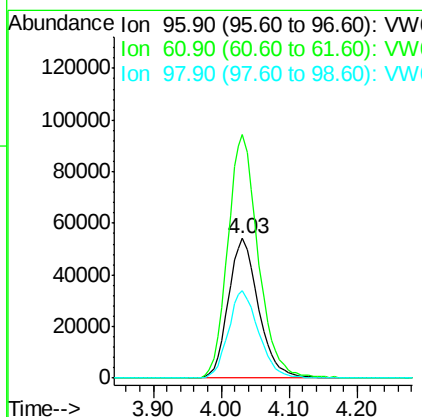
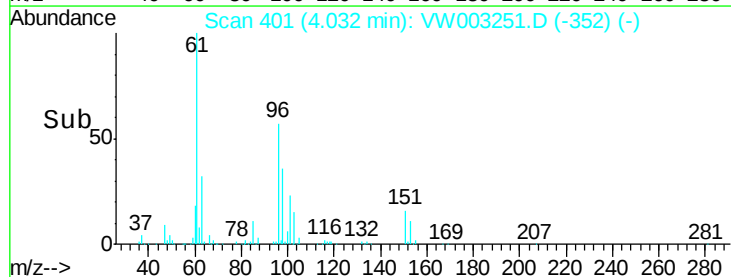
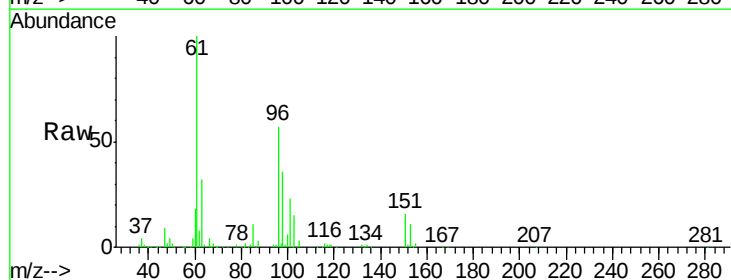
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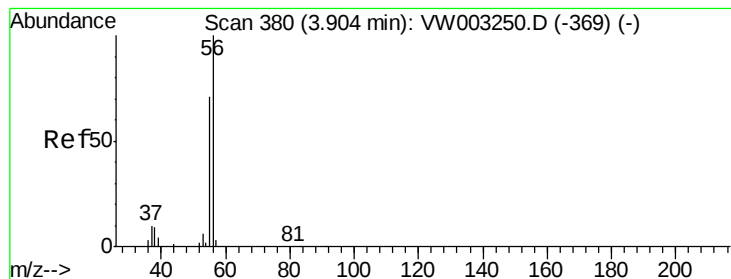


#12

1,1-Dichloroethene
Concen: 67.945 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion: 96 Resp: 166877
Ion Ratio Lower Upper
96 100
61 174.2 139.0 208.4
98 62.8 53.3 79.9





#13

Acrolein

Concen: 412.094 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 56 Resp: 75852

Ion Ratio Lower Upper

56 100

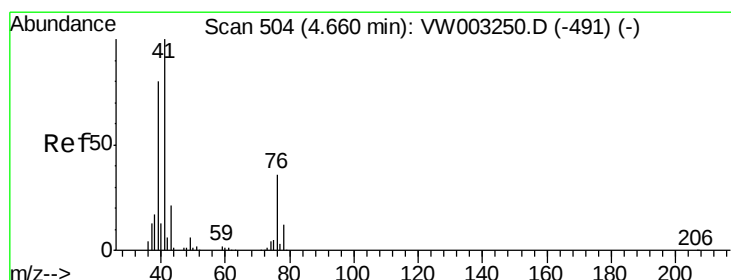
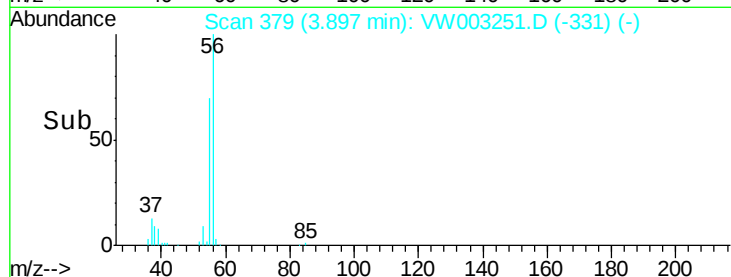
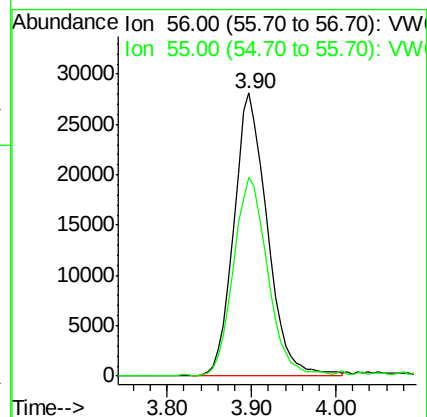
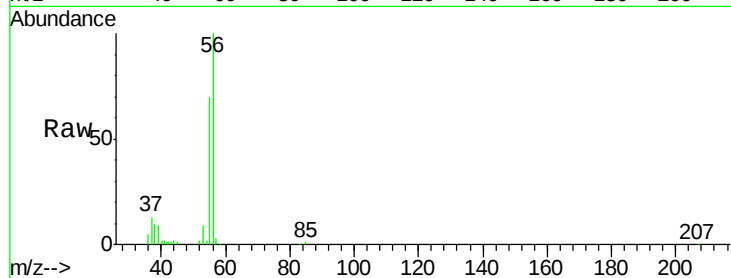
55 71.0 55.4 83.2

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#14

Allyl chloride

Concen: 73.439 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

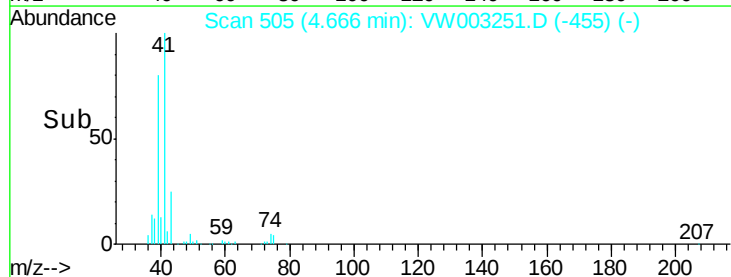
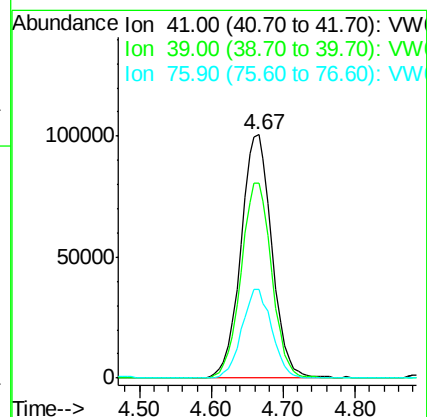
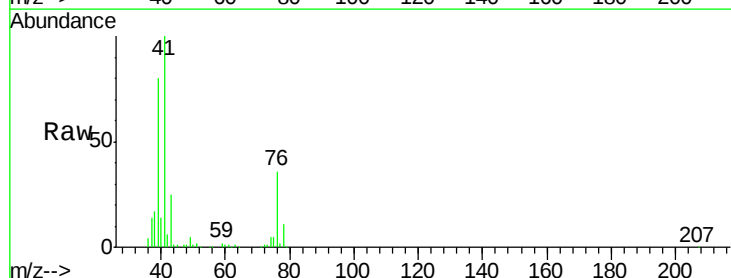
Tgt Ion: 41 Resp: 299162

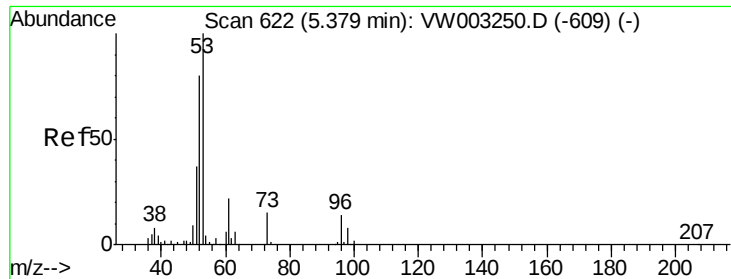
Ion Ratio Lower Upper

41 100

39 79.4 63.2 94.8

76 35.6 28.0 42.0





#15

Acrylonitrile

Concen: 351.564 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

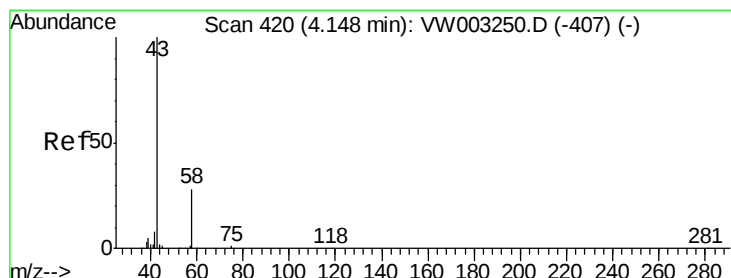
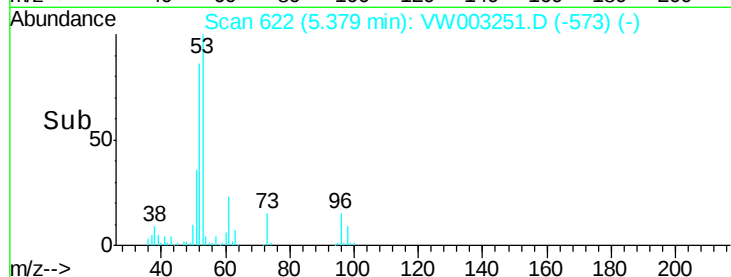
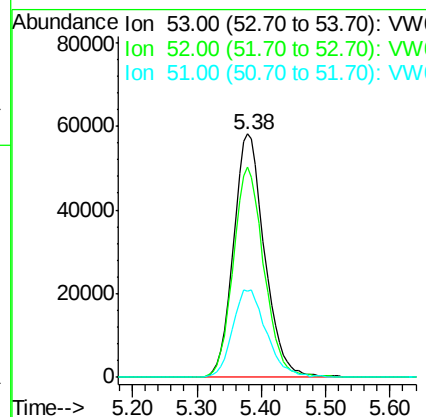
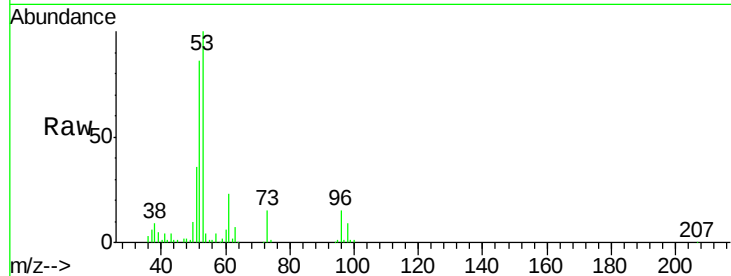
ClientSampleId :

VSTDIC075

Tgt Ion:	53	Resp:	195083
Ion Ratio		Lower	Upper
53	100		
52	85.8	66.6	100.0
51	38.9	30.6	46.0

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#16

Acetone

Concen: 386.712 ug/l

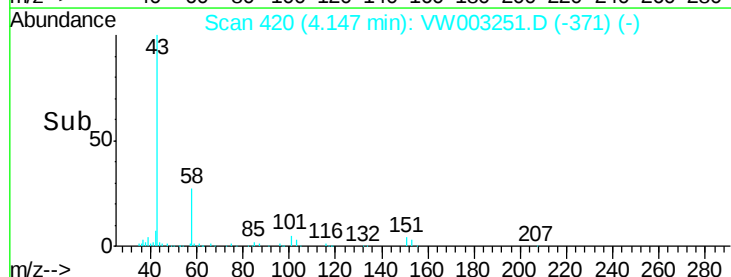
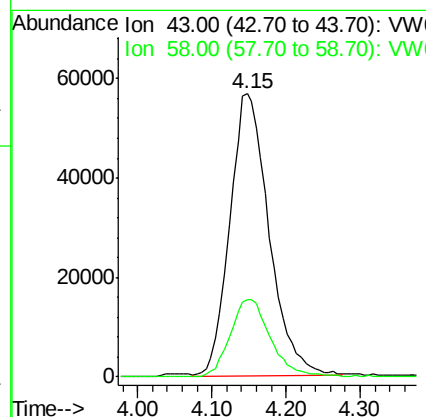
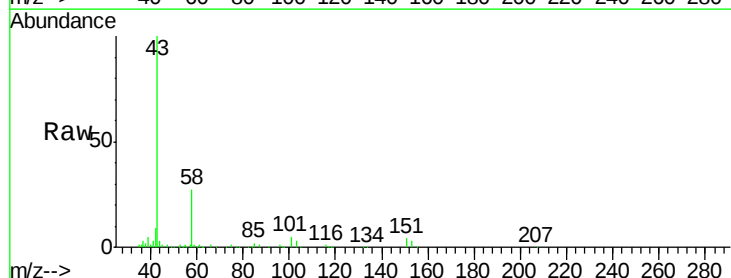
RT: 4.15 min Scan# 420

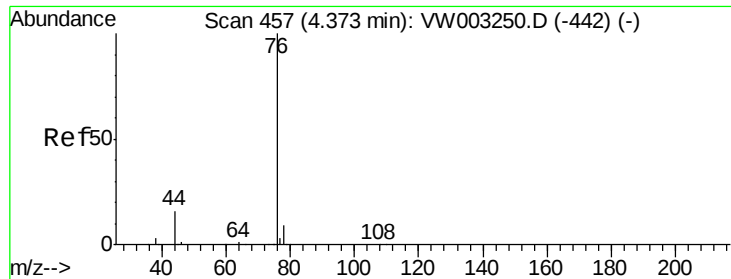
Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Tgt Ion:	43	Resp:	208071
Ion Ratio		Lower	Upper
43	100		
58	27.1	22.6	34.0





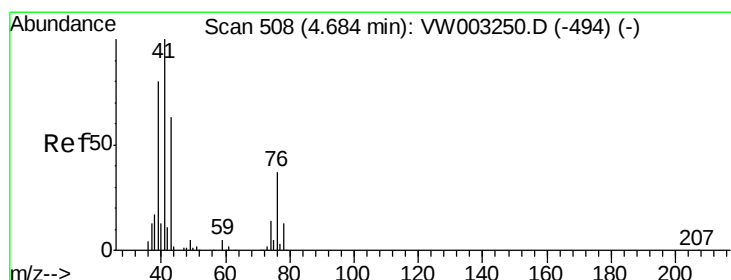
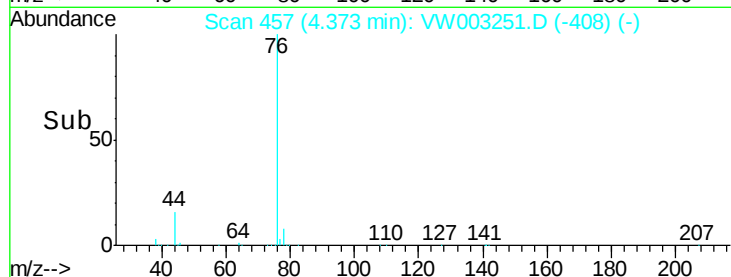
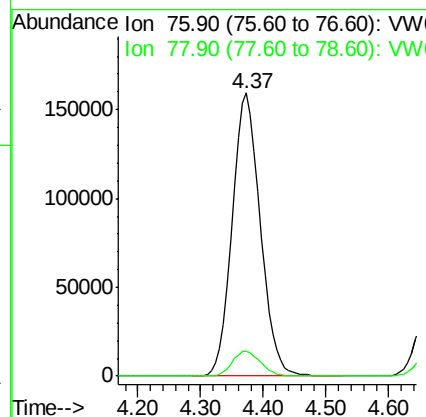
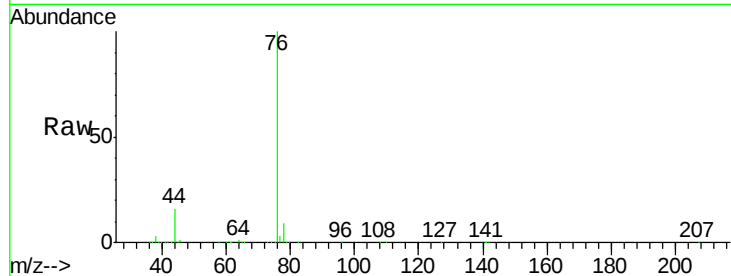
#17
Carbon Disulfide
Concen: 66.749 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

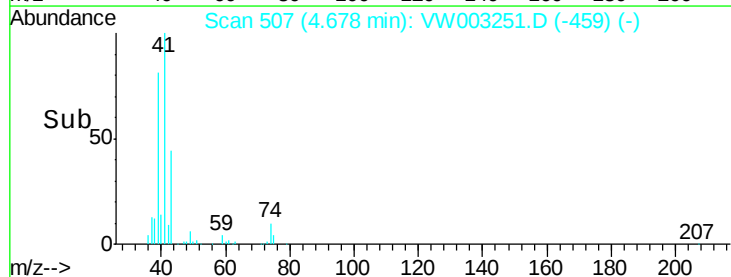
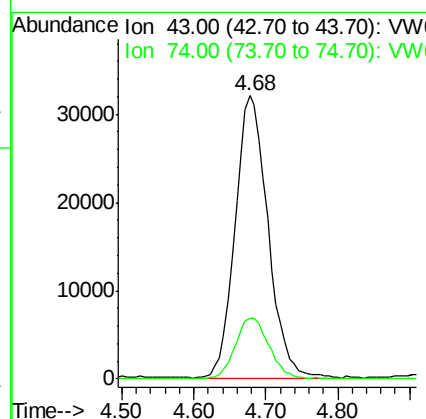
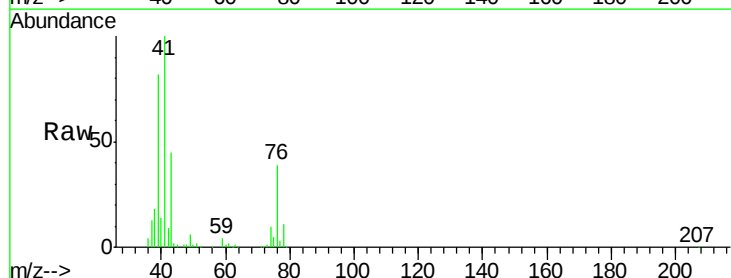
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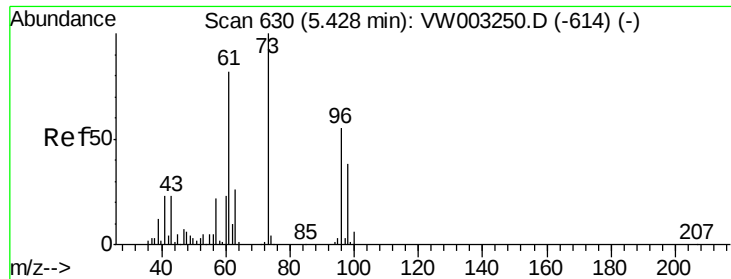
apatel
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#18
Methyl Acetate
Concen: 73.116 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.7	28.1





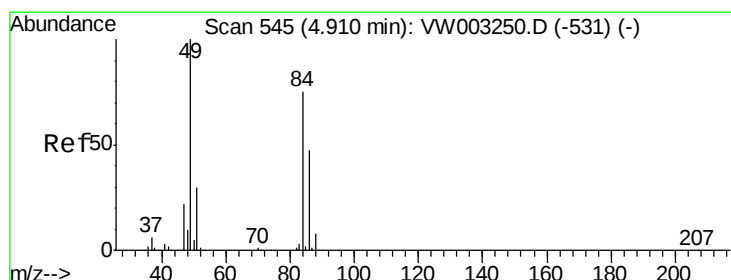
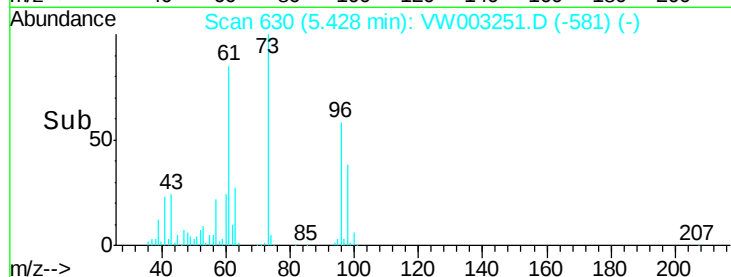
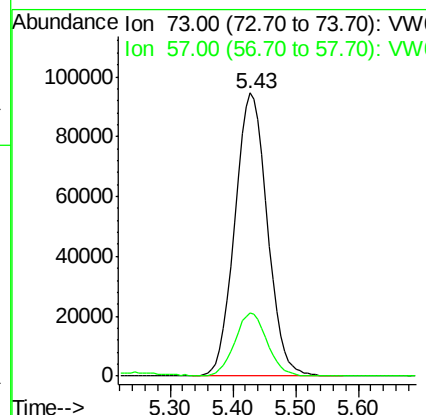
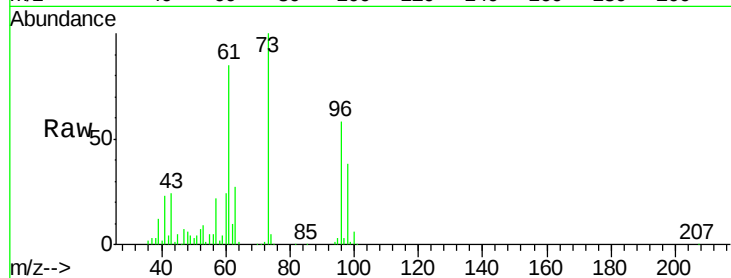
#19
Methyl tert-butyl Ether
Concen: 73.376 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion: 73 Resp: 338938
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0

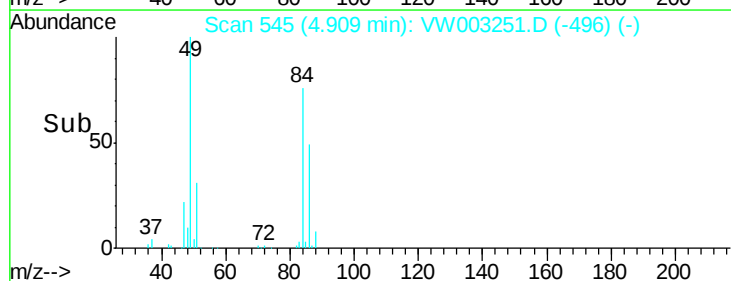
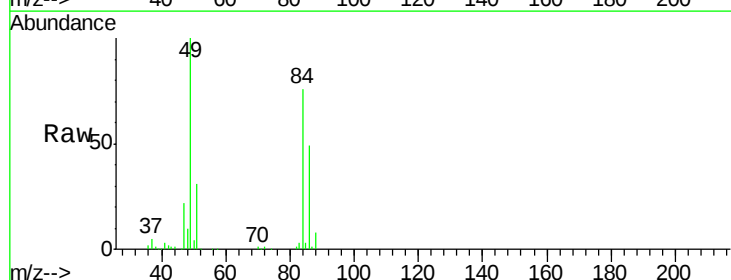
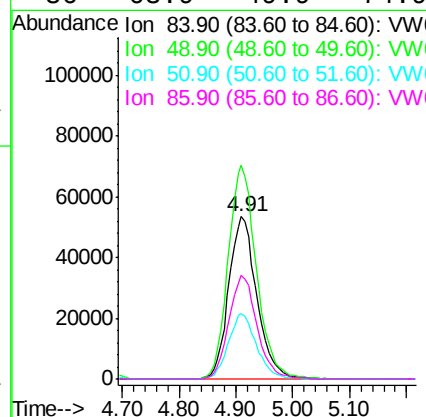
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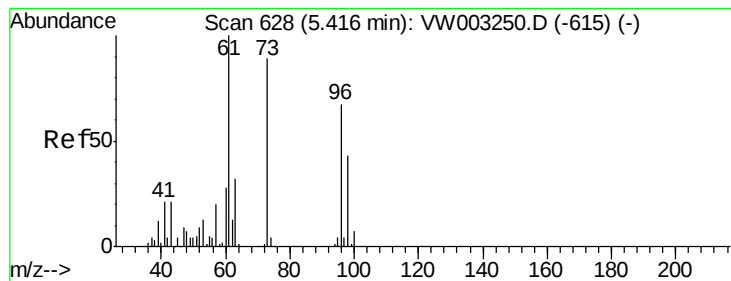
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#20
Methylene Chloride
Concen: 67.564 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion: 84 Resp: 183908
Ion Ratio Lower Upper
84 100
49 131.8 106.3 159.5
51 40.5 32.0 48.0
86 63.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 69.604 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 96 Resp: 186228

Ion Ratio Lower Upper

96 100

61 145.2 118.7 178.1

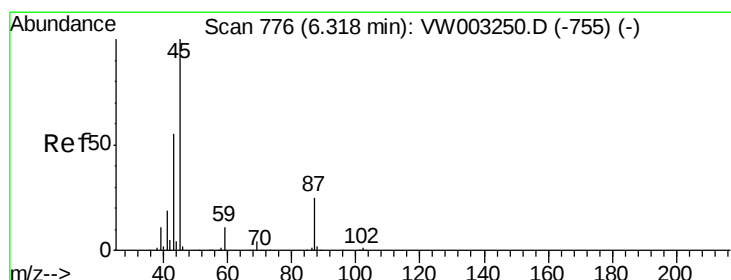
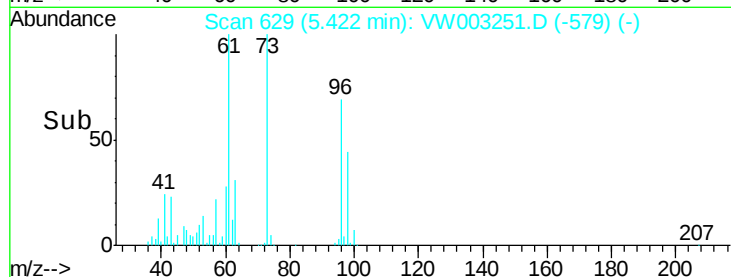
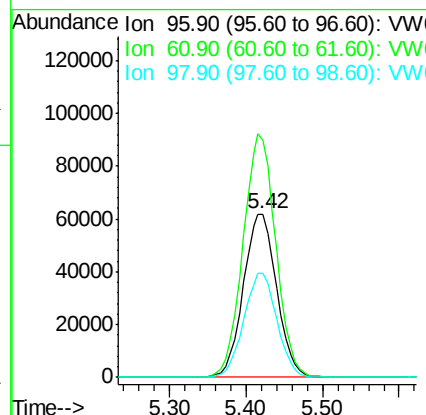
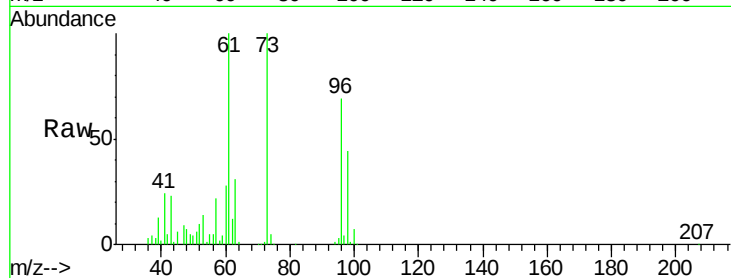
98 63.4 51.0 76.6

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#22

Diisopropyl ether

Concen: 76.038 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Tgt Ion: 45 Resp: 631497

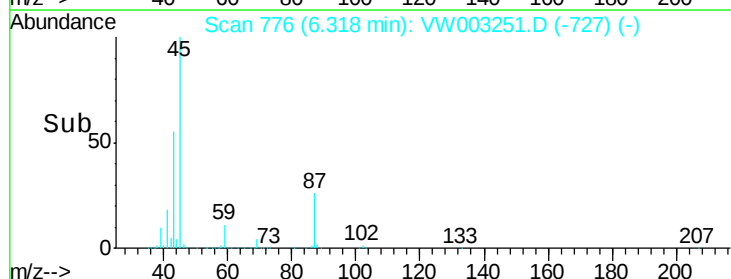
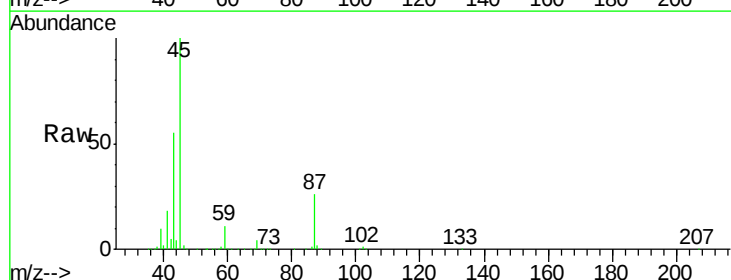
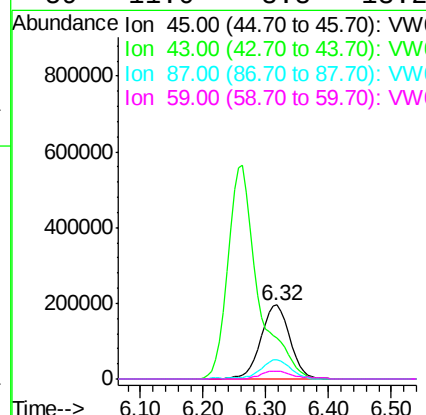
Ion Ratio Lower Upper

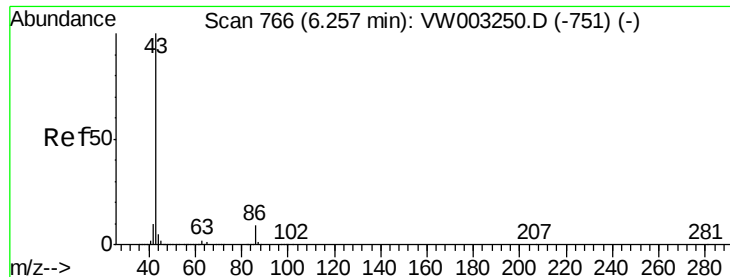
45 100

43 54.5 44.0 66.0

87 26.3 20.6 31.0

59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 382.086 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 1867847

Ion Ratio Lower Upper

43 100

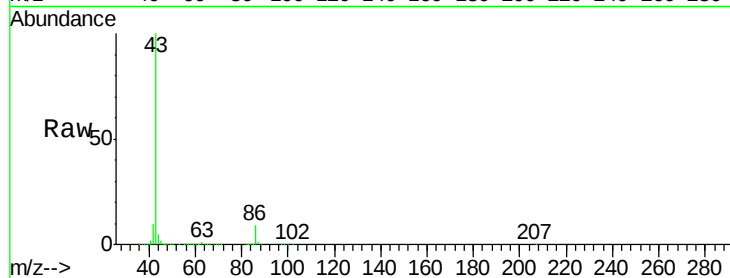
86 9.4 7.5 11.3

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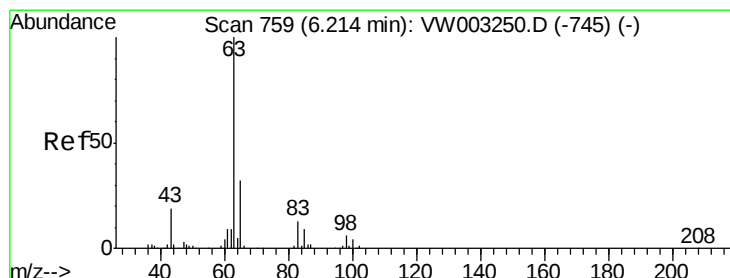
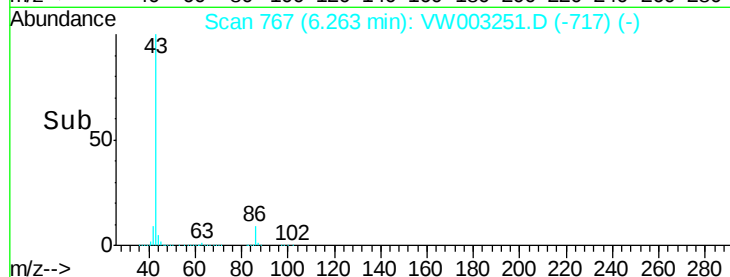
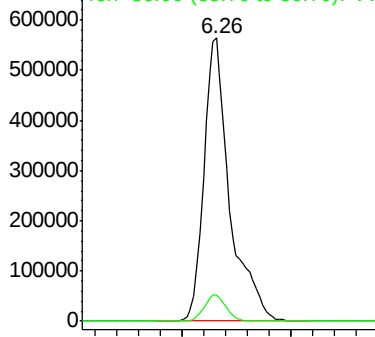
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 73.205 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

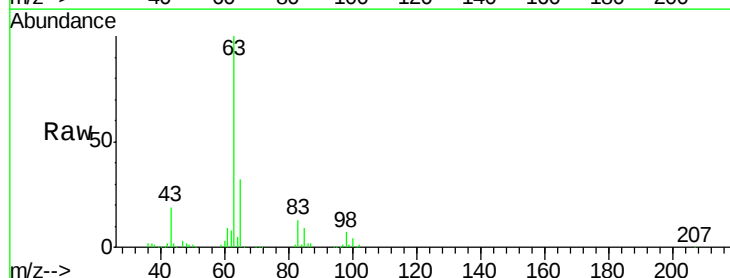
Tgt Ion: 63 Resp: 358289

Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.3

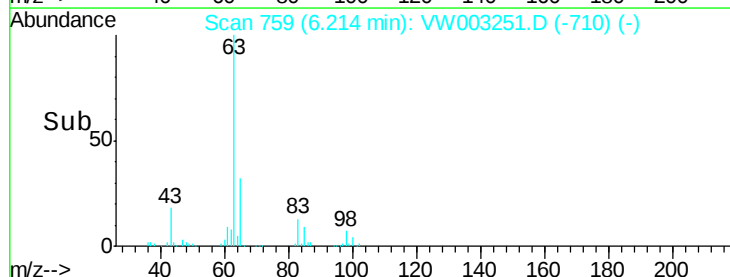
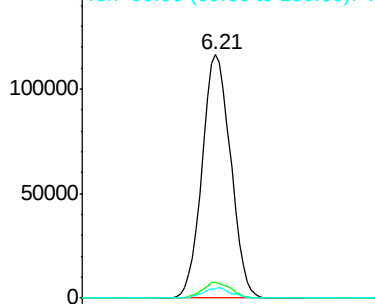
100 3.9 2.1 6.5



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: 377.646 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tgt Ion: 43 Resp: 278703

Ion Ratio Lower Upper

43 100

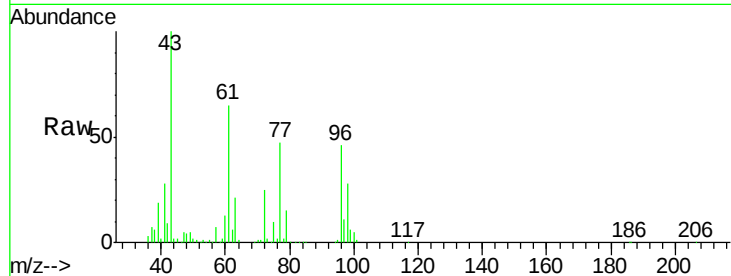
72 24.9 20.3 30.5

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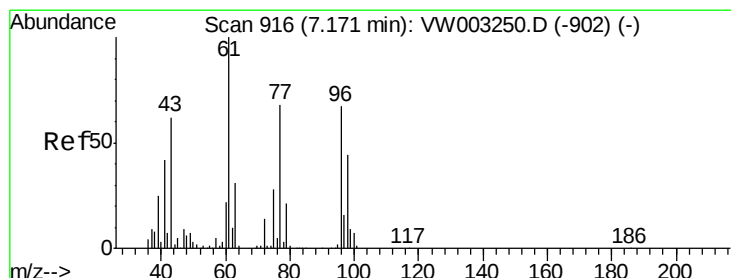
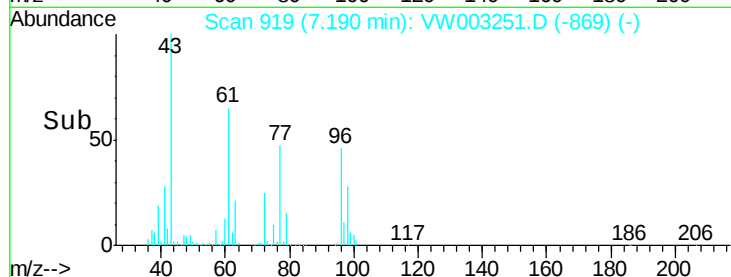
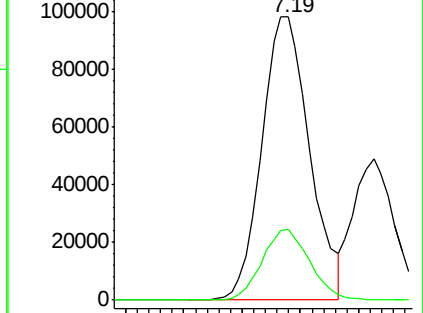
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 76.671 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW003251.D

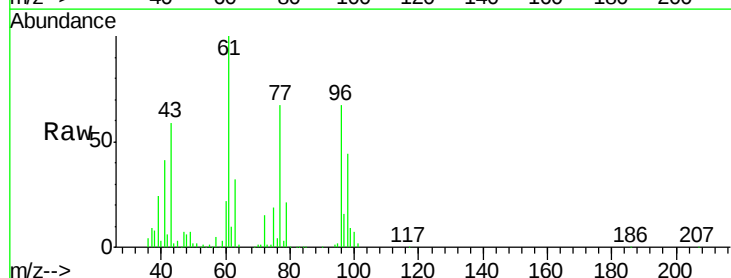
Acq: 13 Jun 2018 17:50

Tgt Ion: 77 Resp: 231388

Ion Ratio Lower Upper

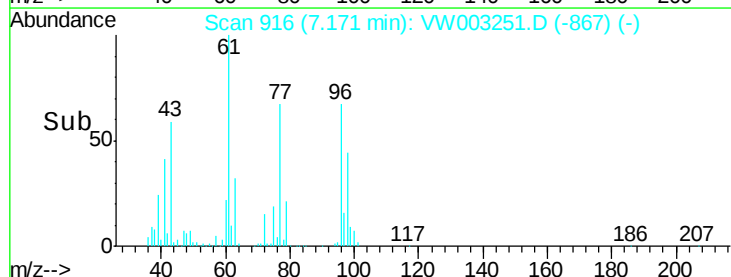
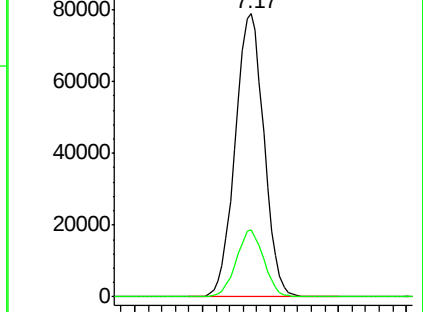
77 100

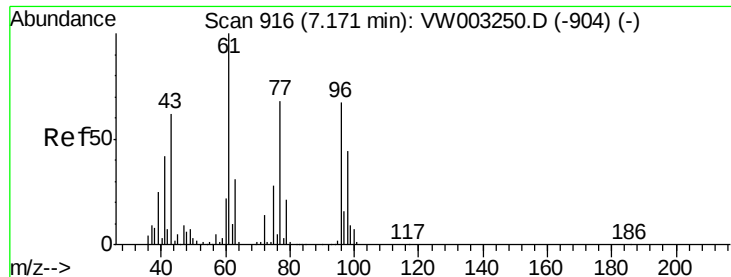
97 22.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

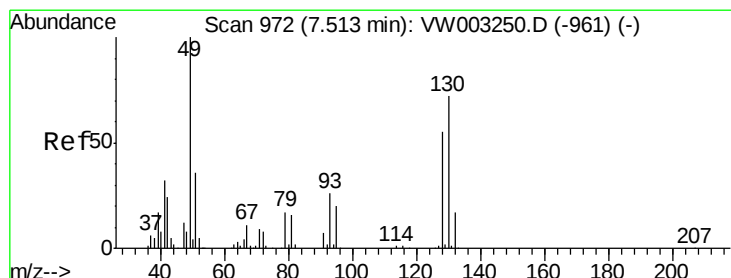
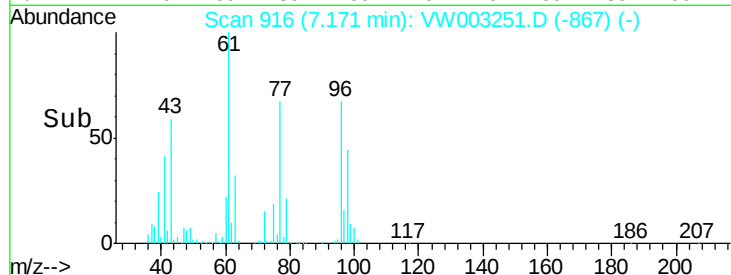
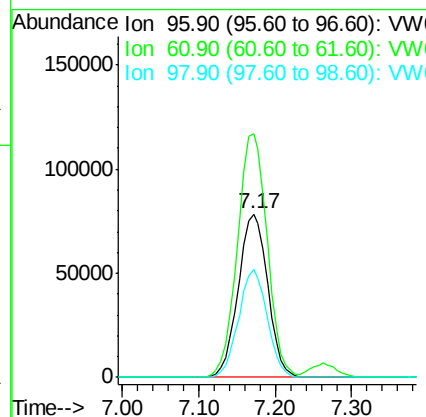
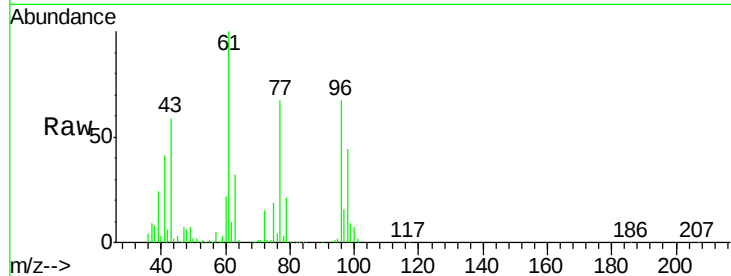
cis-1,2-Dichloroethene
Concen: 71.408 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	209862		
61	150.1	0.0	298.8	
98	64.1	0.0	130.4	

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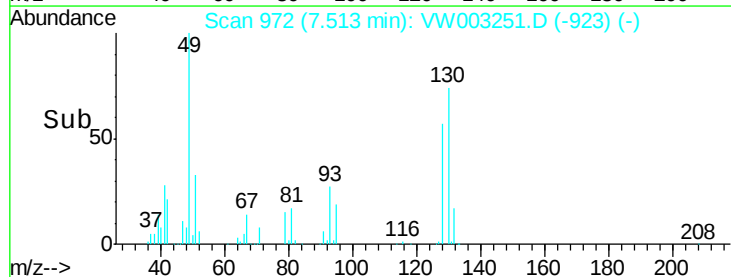
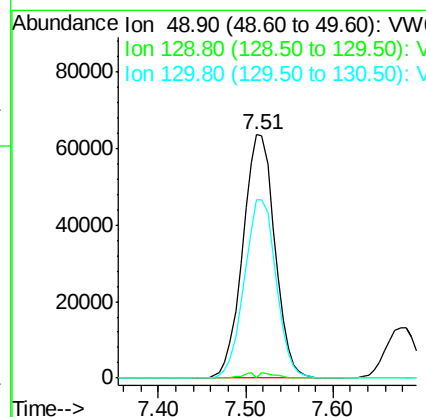
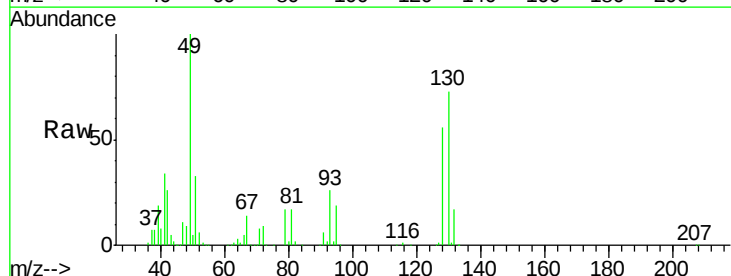
apatel
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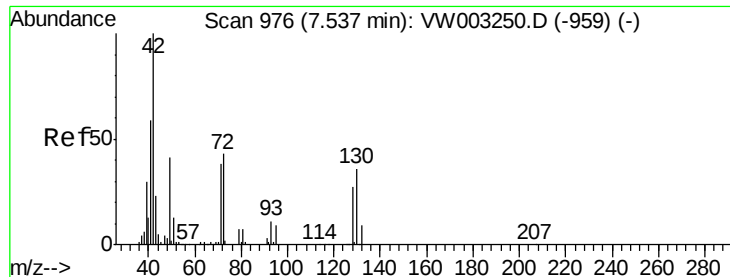


#28

Bromochloromethane
Concen: 82.041 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	162027		
129	1.1	0.0	4.6	
130	72.8	59.4	89.2	





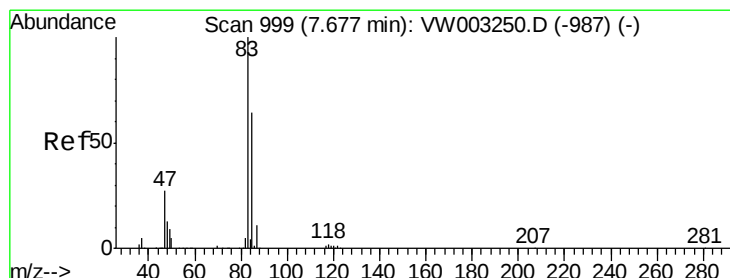
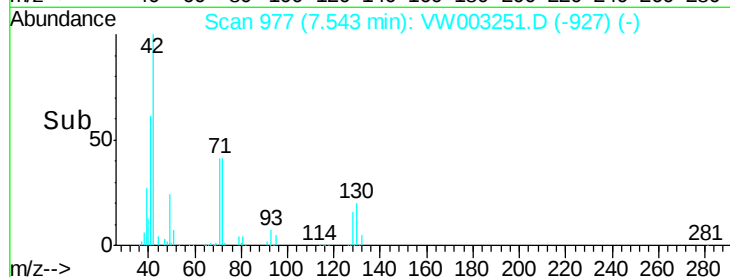
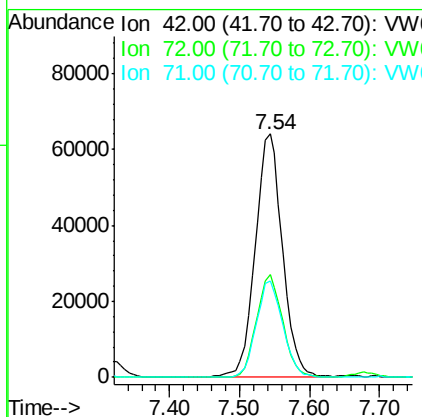
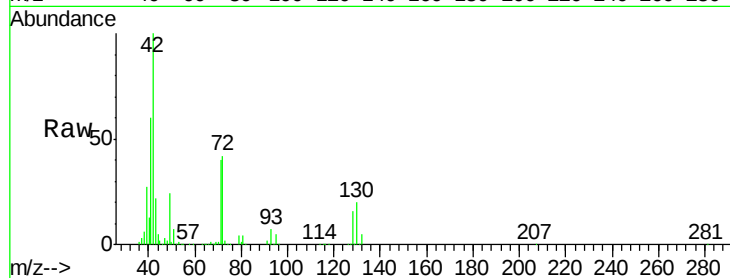
#29
Tetrahydrofuran
Concen: 362.993 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.4	48.6
71	38.8	31.2	46.8

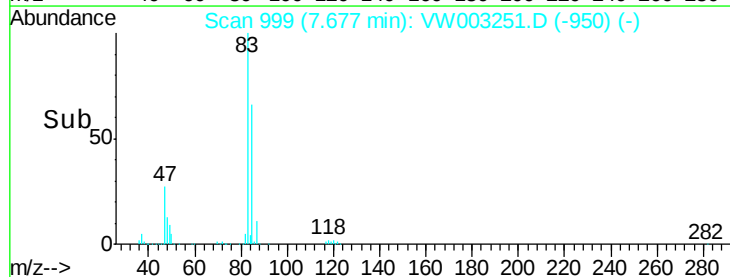
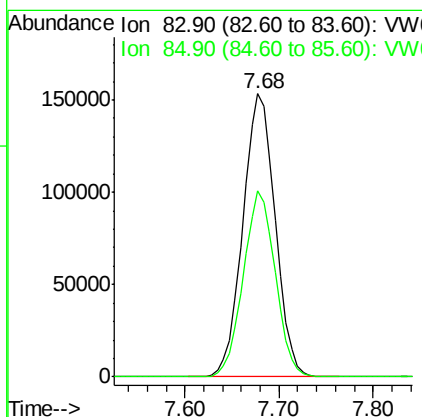
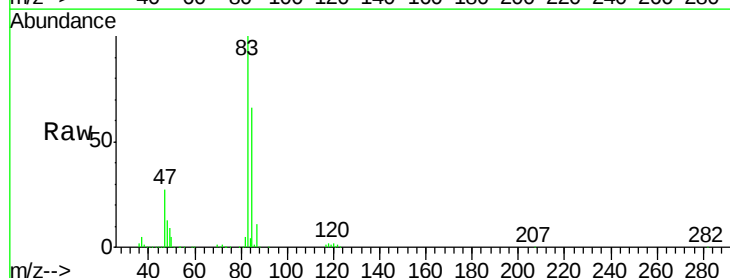
Manual Integrations
APPROVED

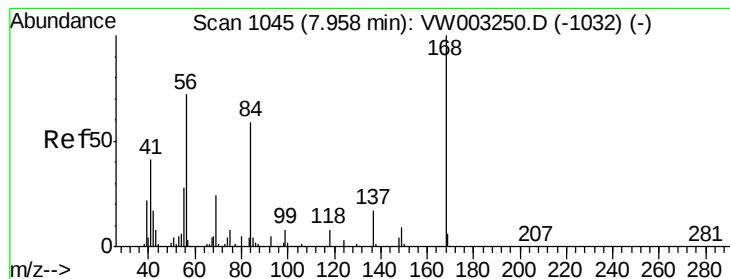
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#30
Chloroform
Concen: 72.892 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.3	76.9





#31

Cyclohexane

Concen: 66.650 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

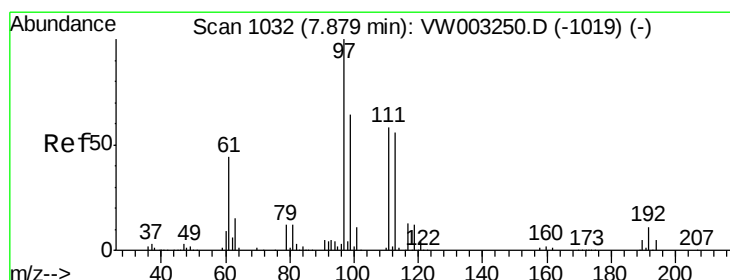
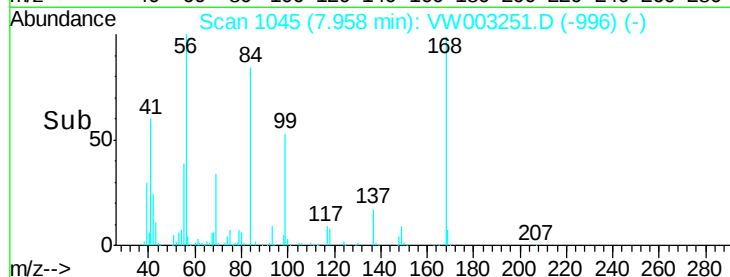
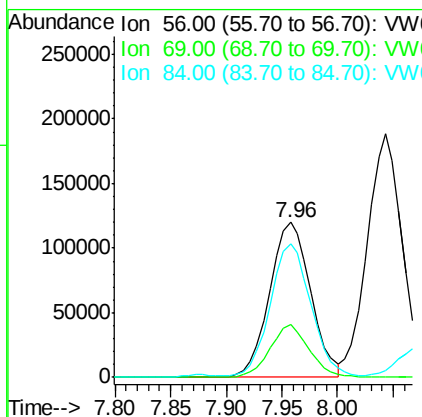
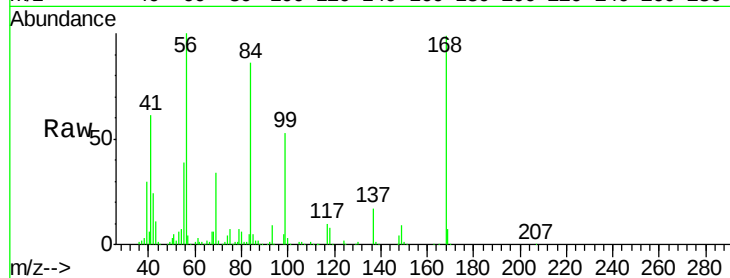
ClientSampled :

VSTDIC075

Tgt Ion:	56	Resp:	308047
Ion Ratio	Lower	Upper	
56	100		
69	33.7	26.3	39.5
84	84.9	65.7	98.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 73.854 ug/l

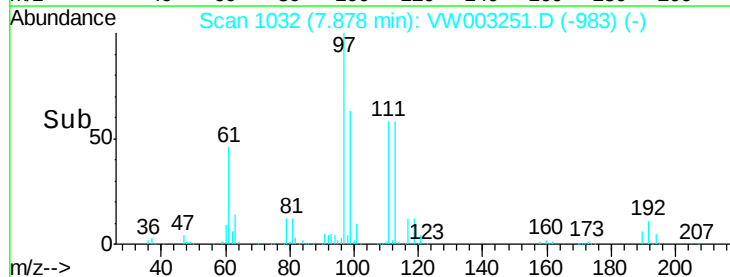
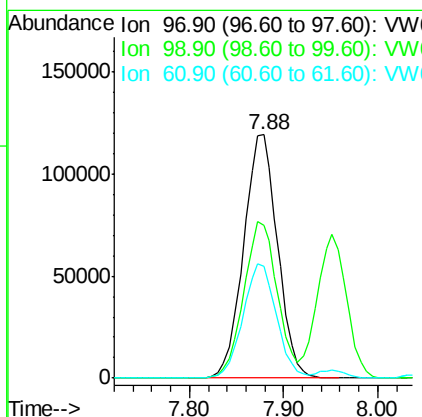
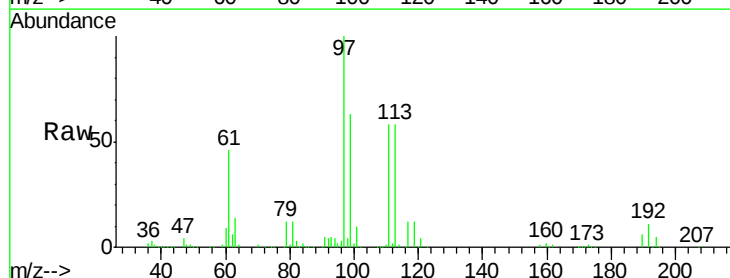
RT: 7.88 min Scan# 1032

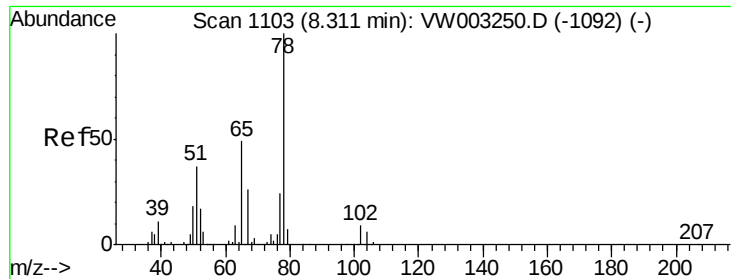
Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Tgt Ion:	97	Resp:	300967
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.7	77.5
61	46.4	37.6	56.4





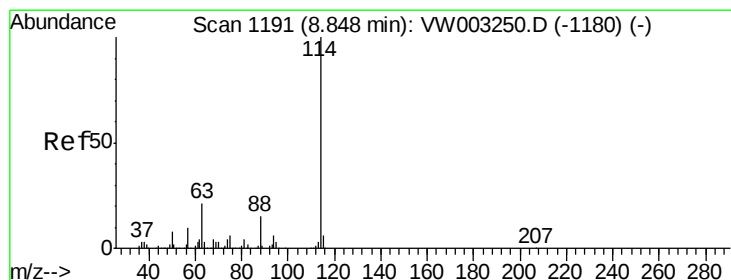
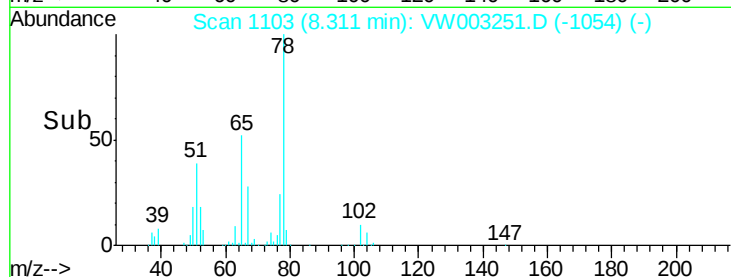
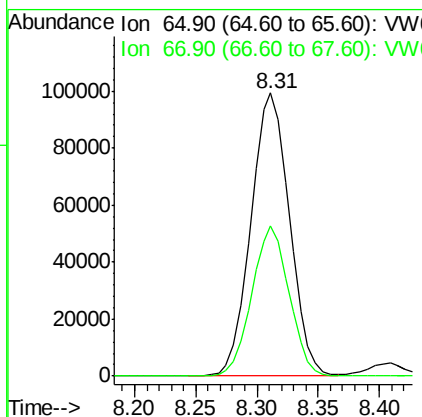
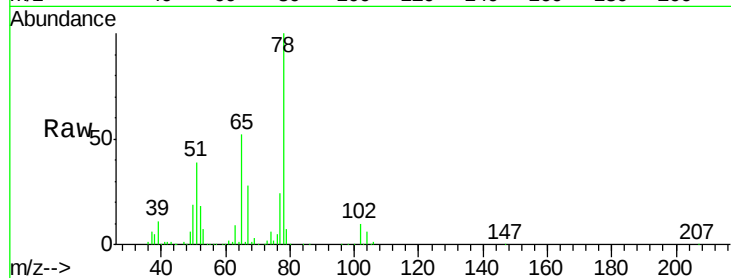
#33
 1,2-Dichloroethane-d4
 Concen: 80.925 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	218110		
67	51.5	0.0	104.2	

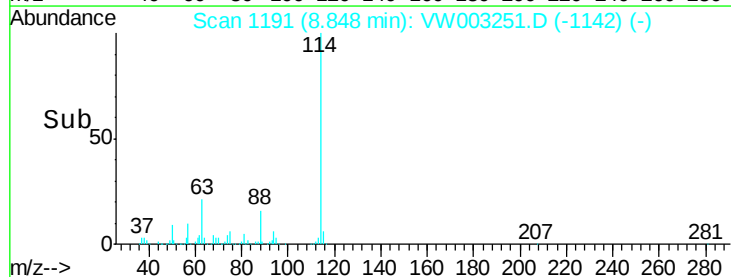
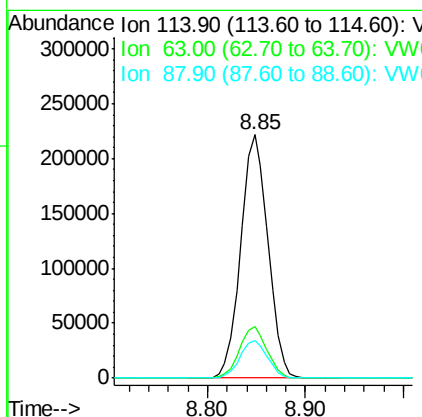
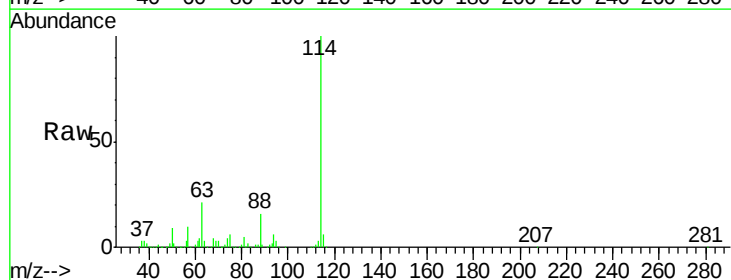
Manual Integrations
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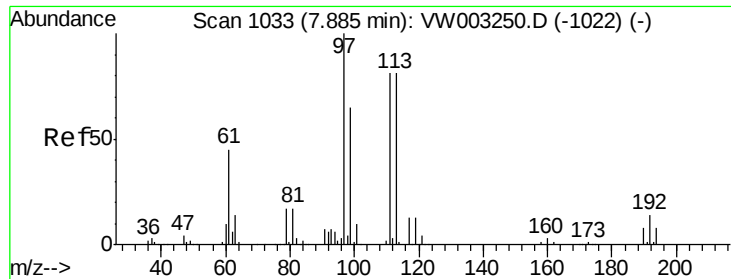
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	427520		
63	21.1	0.0	43.0	
88	15.7	0.0	29.6	





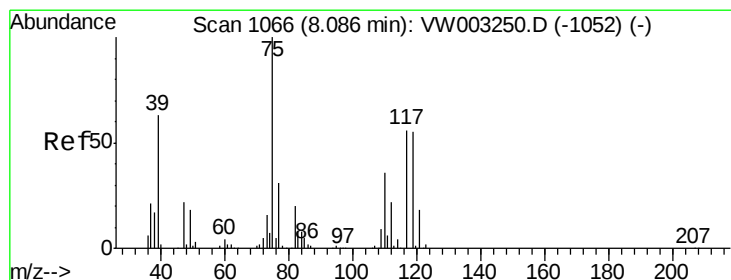
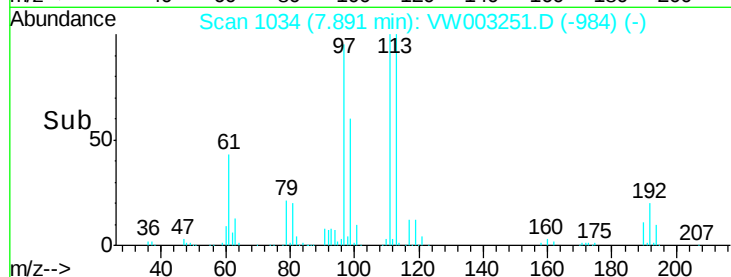
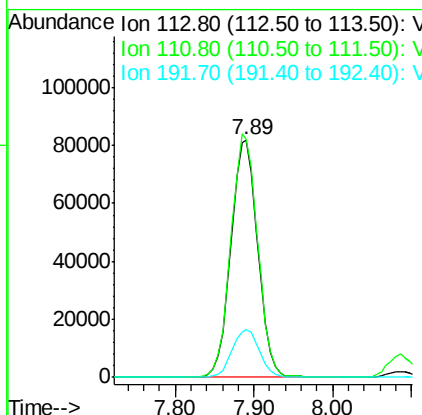
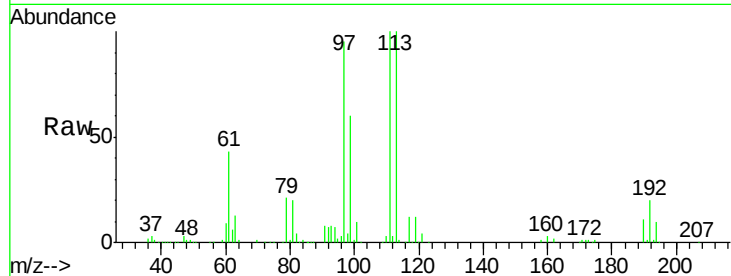
#35
 Dibromofluoromethane
 Concen: 76.600 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	193384		
111	102.5	82.2	123.2	
192	20.4	16.2	24.2	

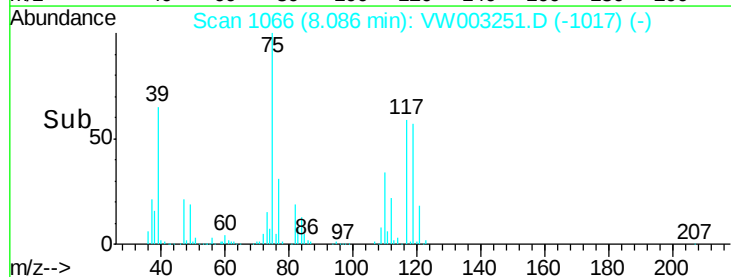
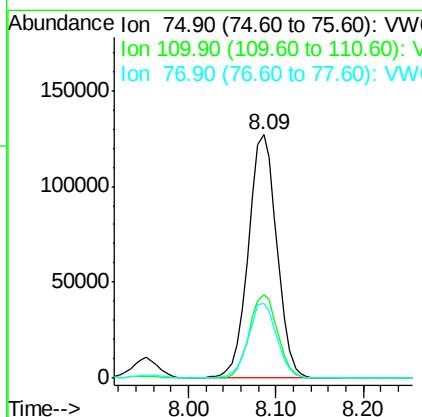
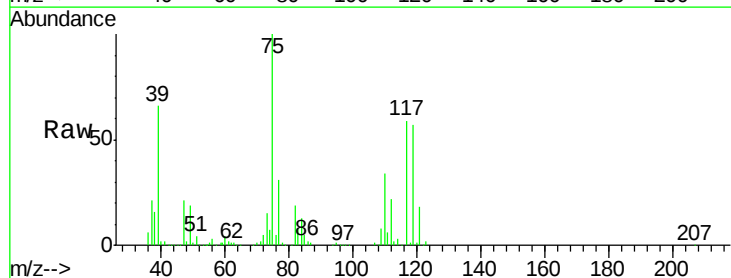
Manual Integrations
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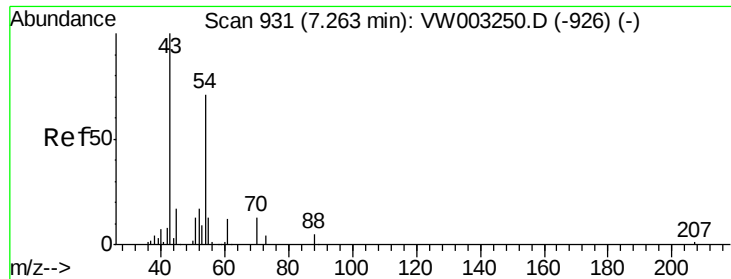
apatel
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#36
 1,1-Dichloropropene
 Concen: 71.086 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	285615		
110	34.1	17.1	51.3	
77	31.1	24.9	37.3	





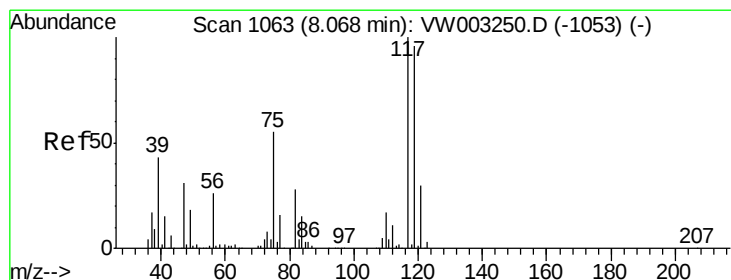
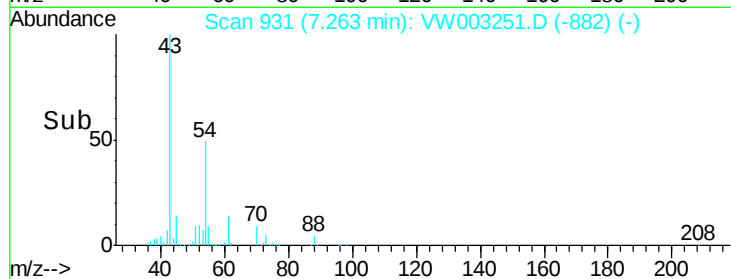
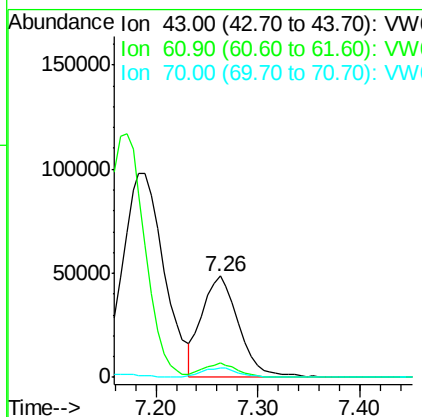
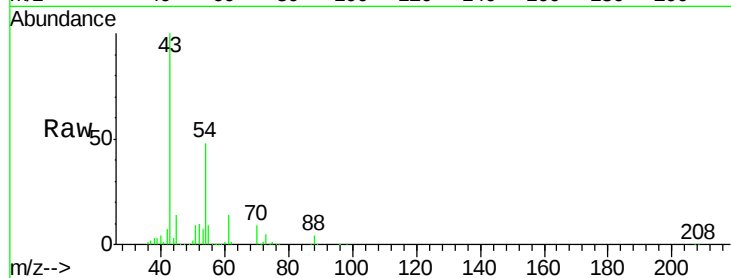
#37
Ethyl Acetate
Concen: 69.078 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.8	16.2
70	9.2	7.8	11.6

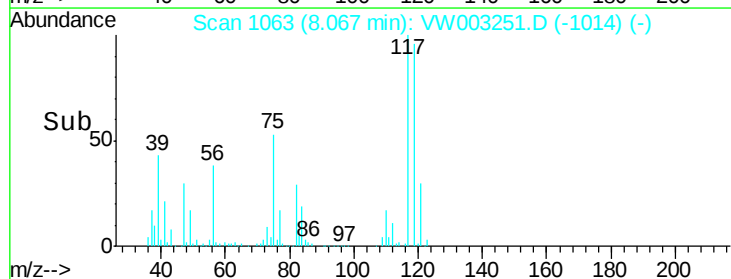
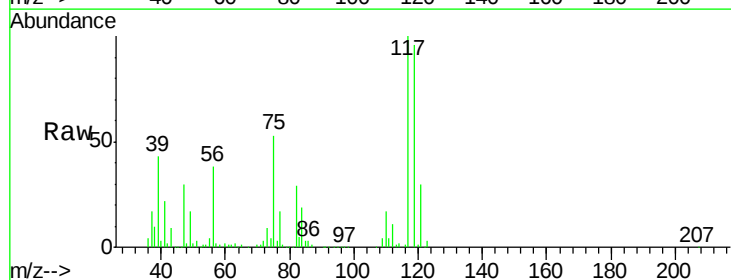
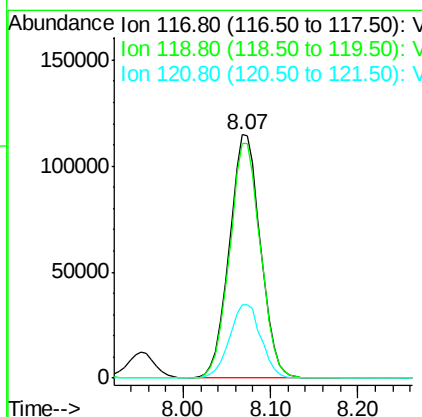
Manual Integrations
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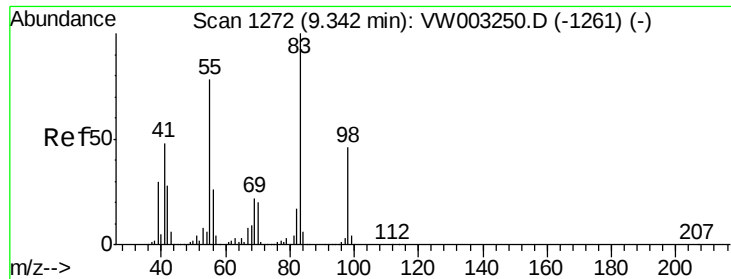
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#38
Carbon Tetrachloride
Concen: 72.257 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	115.0
121	30.2	23.9	35.9





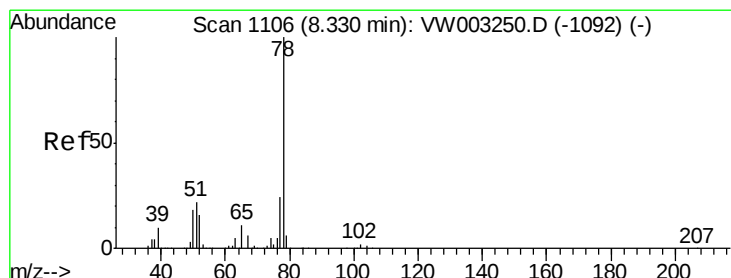
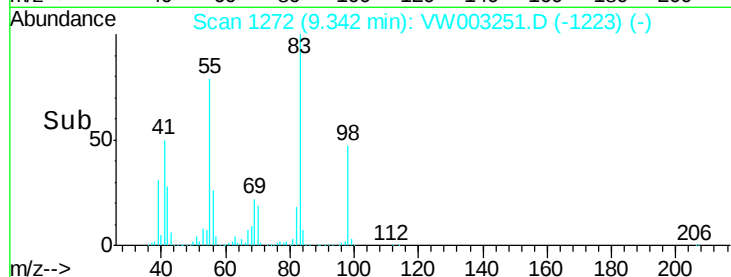
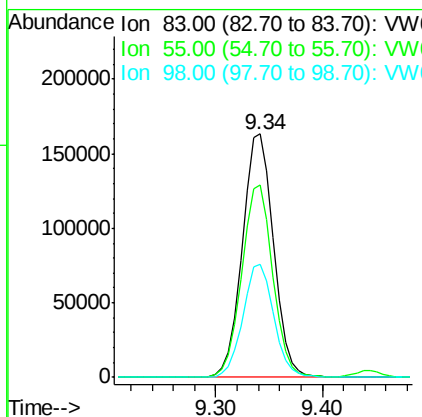
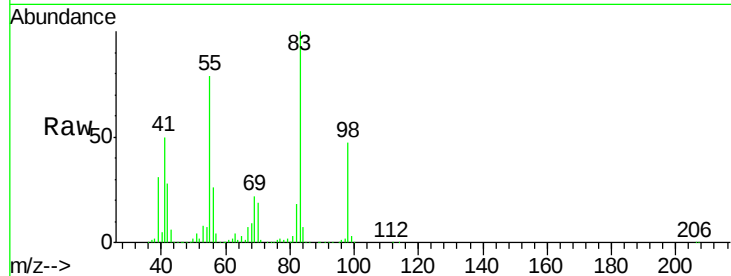
#39
Methylcyclohexane
Concen: 70.744 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	79.1	62.6	93.8
98	46.7	37.0	55.4

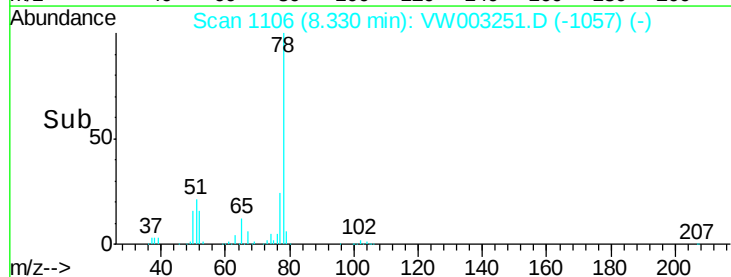
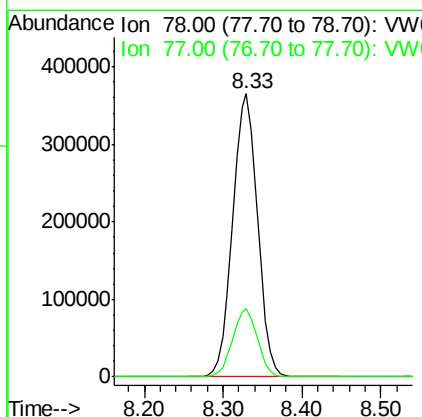
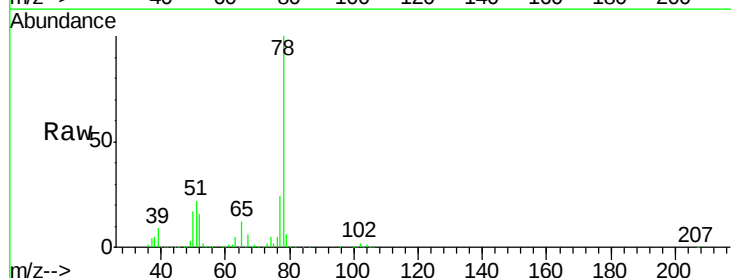
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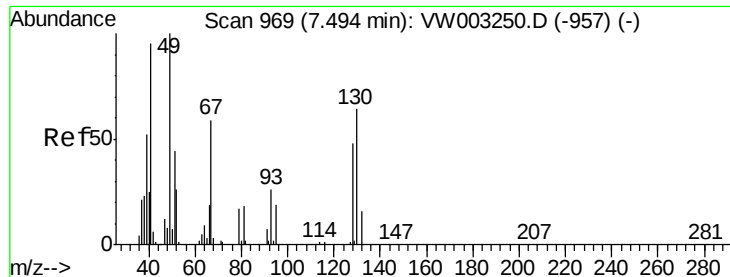
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#40
Benzene
Concen: 71.029 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	24.3	19.0	28.6





#41

Methacrylonitrile

Concen: 73.976 ug/l

RT: 7.49 min Scan# 969

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

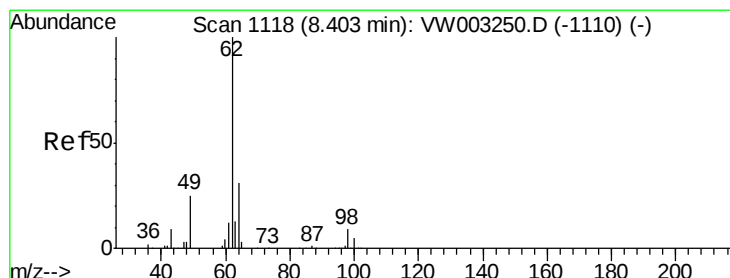
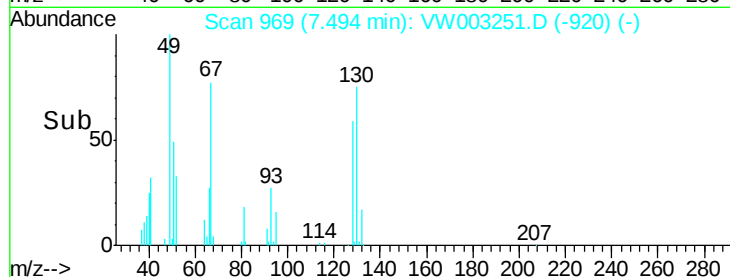
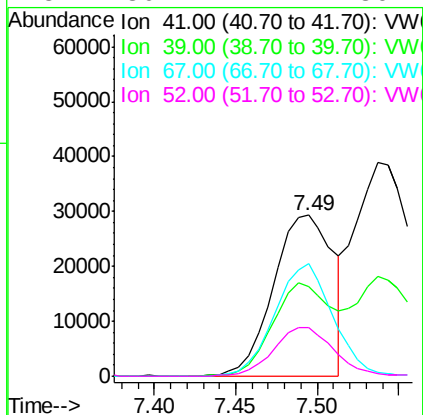
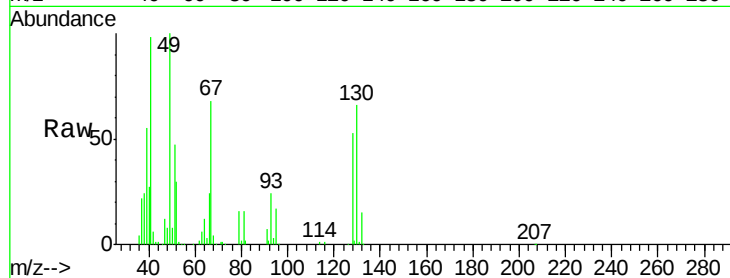
ClientSampleId :

VSTDIC075

Tgt Ion:	41	Resp:	74913
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.8
67	67.7	52.3	78.5
52	30.7	24.1	36.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 71.799 ug/l

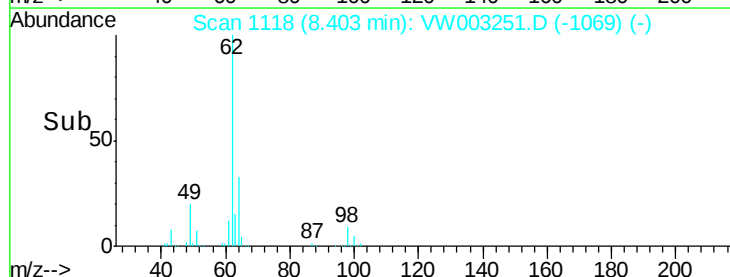
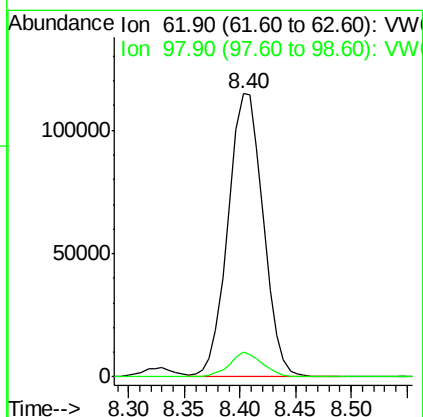
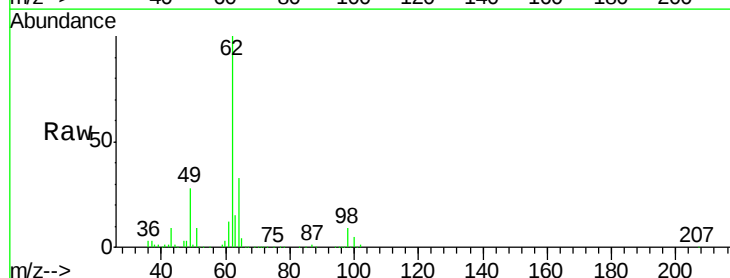
RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Tgt Ion:	62	Resp:	251147
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





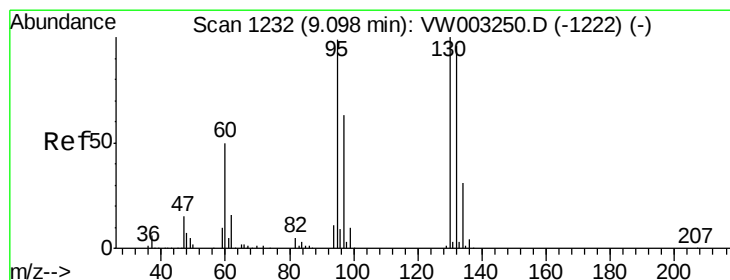
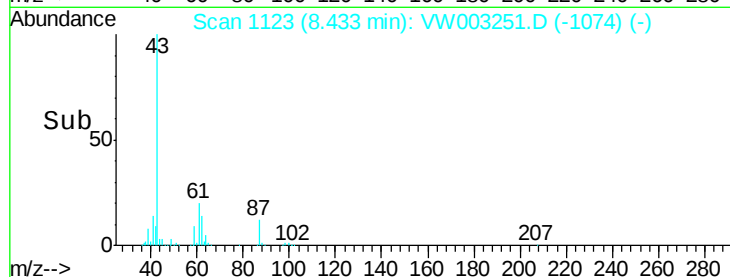
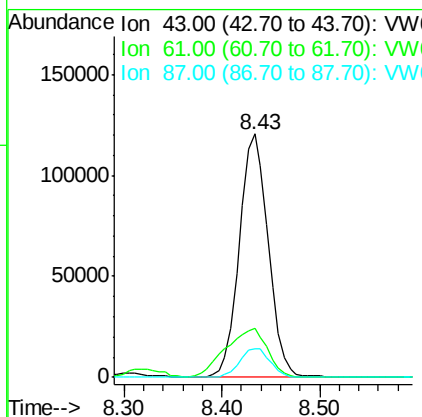
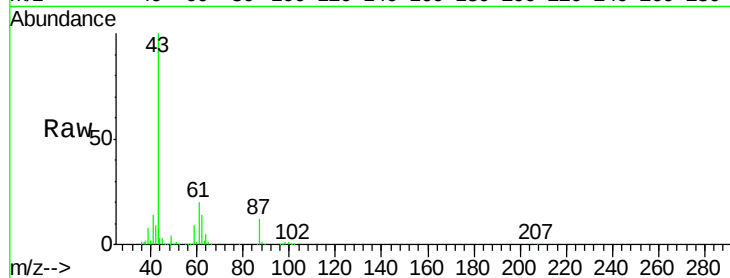
#43
Isopropyl Acetate
Concen: 72.068 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.1	34.7
87	12.2	9.8	14.6

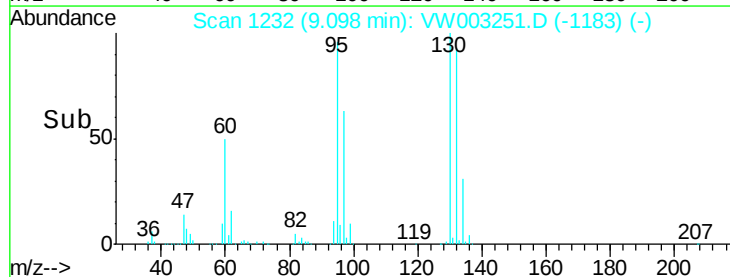
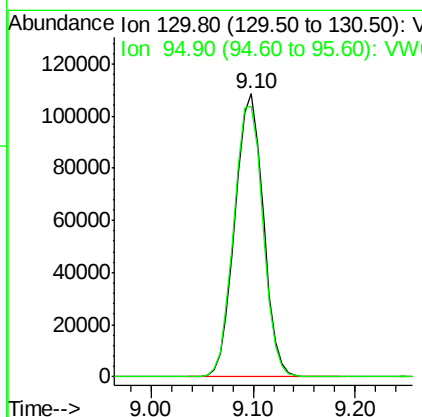
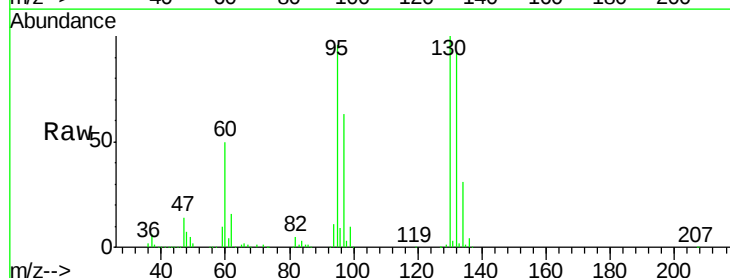
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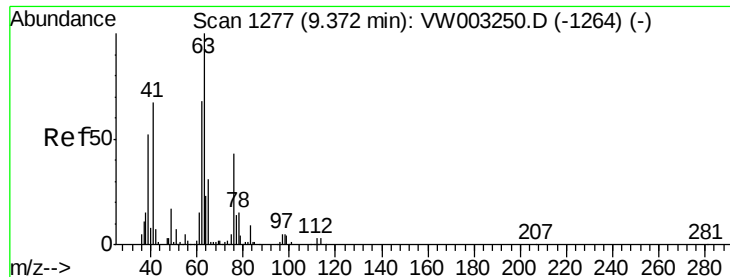
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#44
Trichloroethene
Concen: 69.166 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	198.0





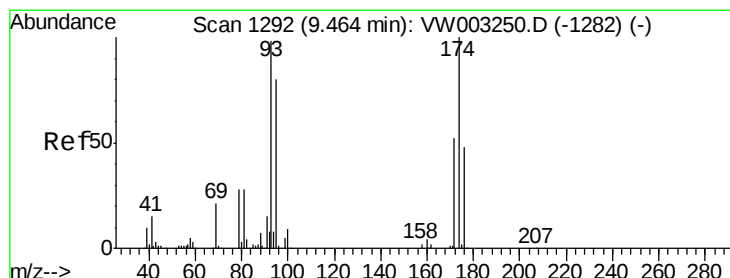
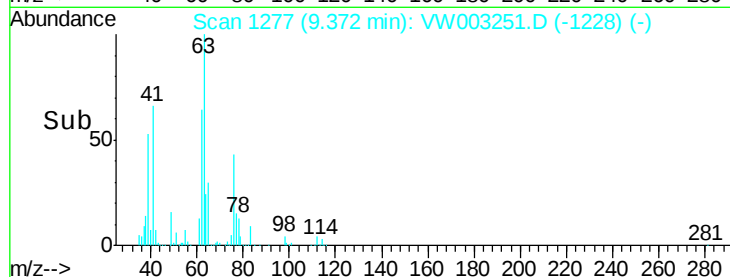
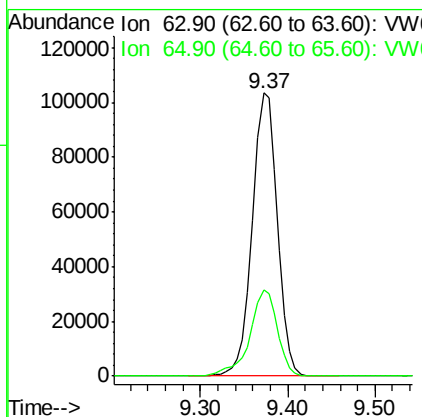
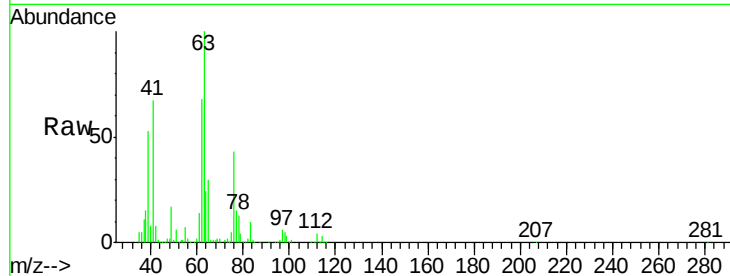
#45
 1,2-Dichloropropane
 Concen: 72.745 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tgt Ion: 63 Resp: 205487
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.1 37.7

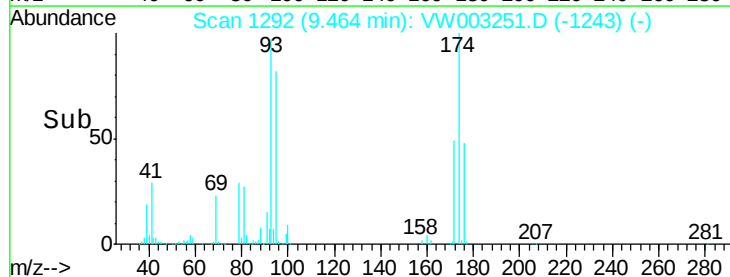
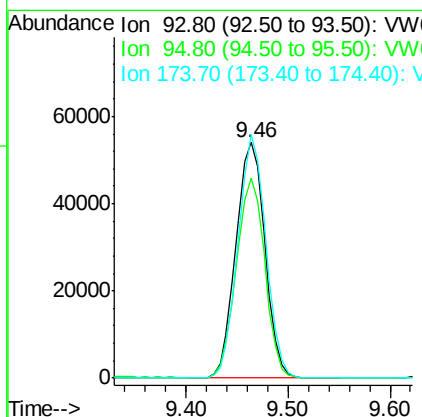
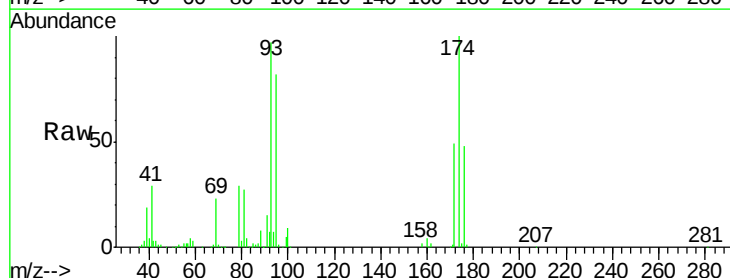
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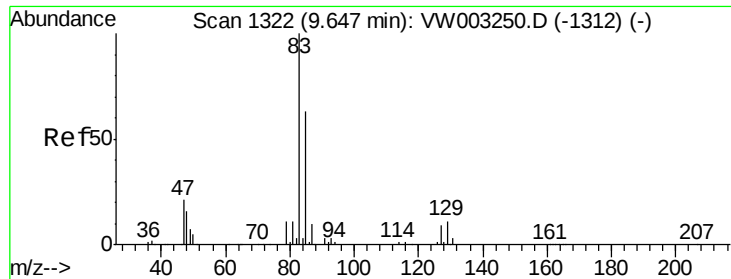
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#46
 Dibromomethane
 Concen: 70.366 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 93 Resp: 106237
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.8 98.8
 174 99.6 81.4 122.0





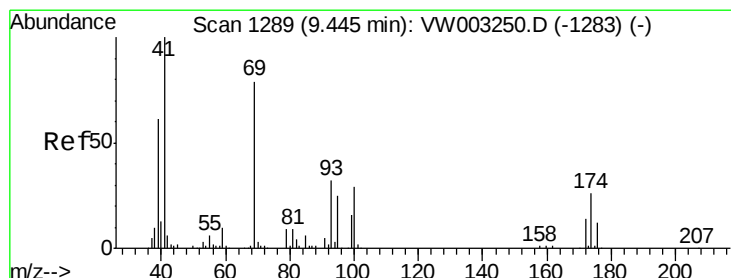
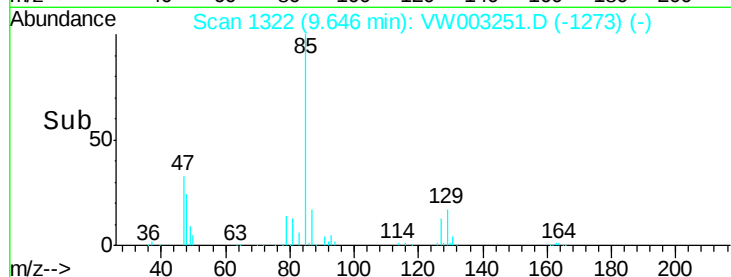
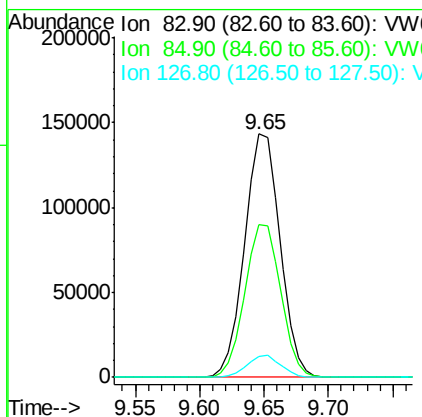
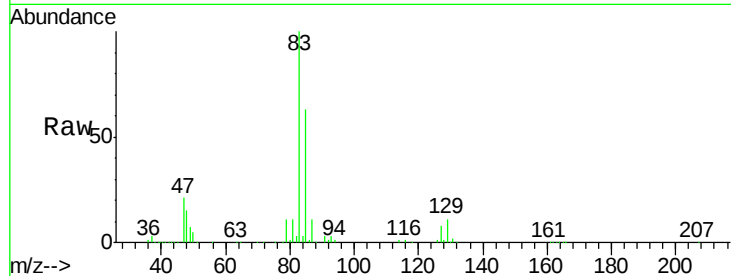
#47
Bromodichloromethane
Concen: 74.145 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	273361		
85	62.8	50.6	75.8	
127	8.4	6.8	10.2	

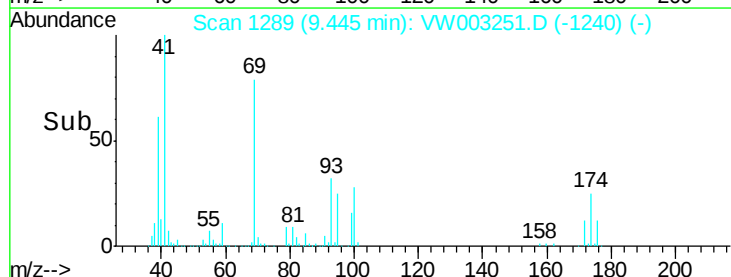
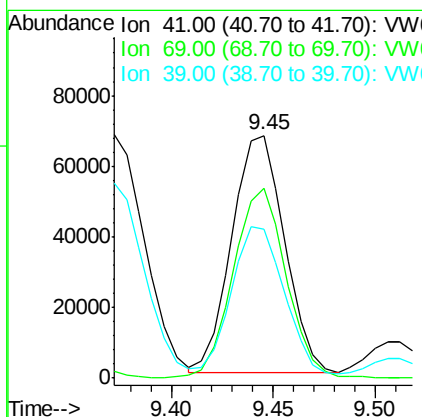
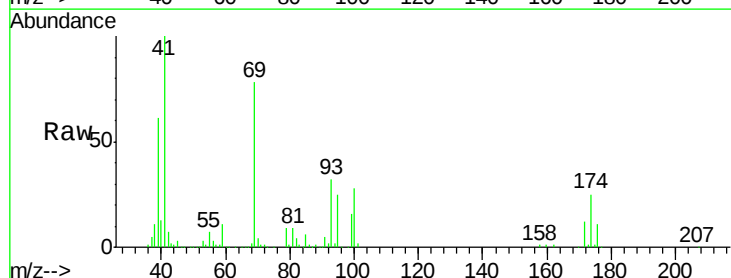
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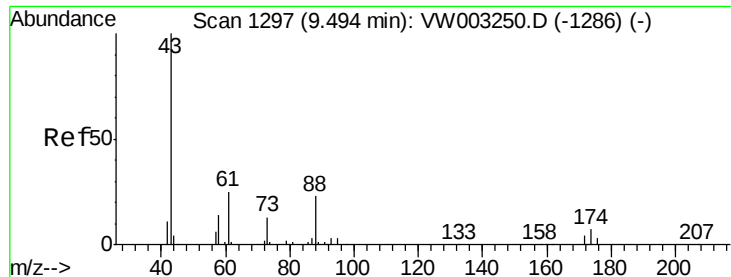
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#48
Methyl methacrylate
Concen: 74.067 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	120210		
69	80.9	65.4	98.2	
39	65.9	54.2	81.2	





#49

1,4-Dioxane

Concen: 1386.986 ug/l

RT: 9.49 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

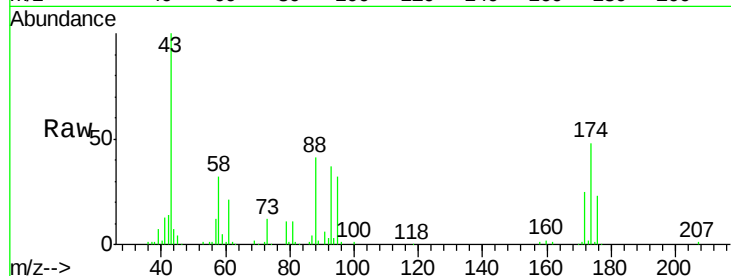
ClientSampleId :

VSTDIC075

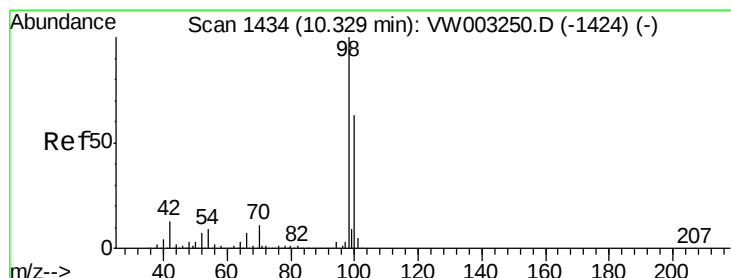
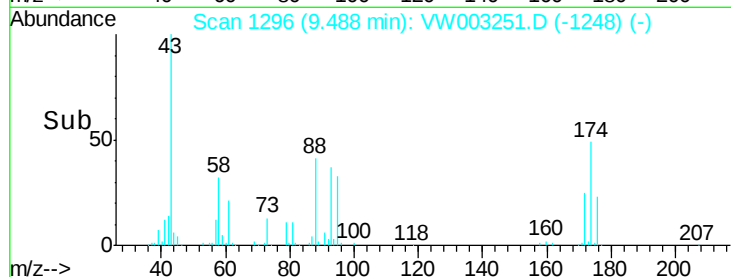
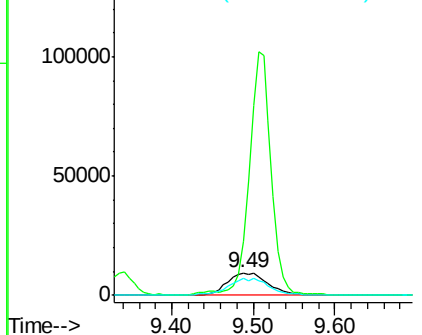
Tgt Ion	Ratio	Lower	Upper
88	100		
43	594.2	454.7	682.1
58	75.4	58.6	88.0

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Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 79.337 ug/l

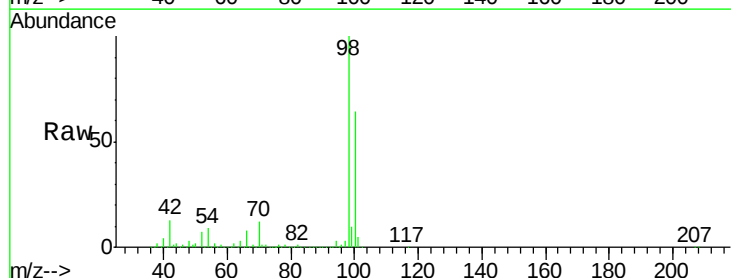
RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

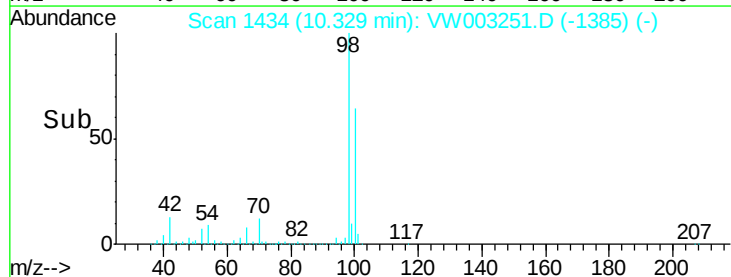
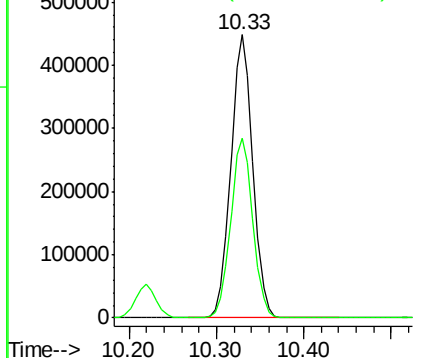
Lab File: VW003251.D

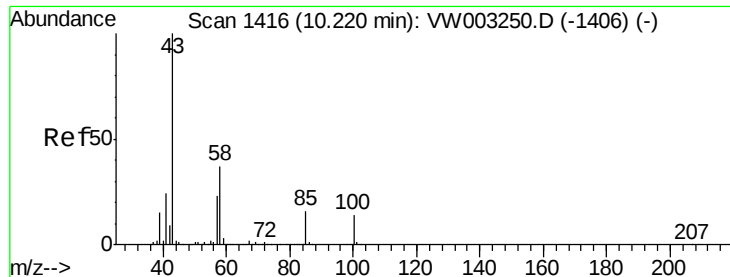
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.8	76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 368.851 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 640100
Ion Ratio Lower Upper

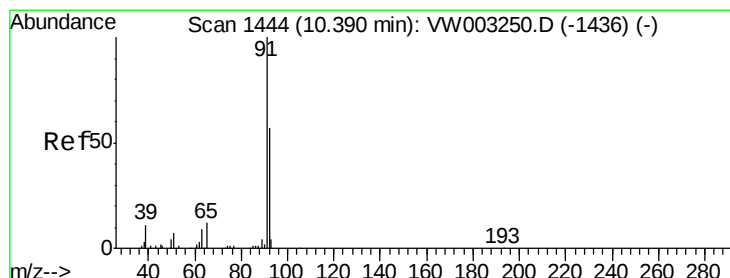
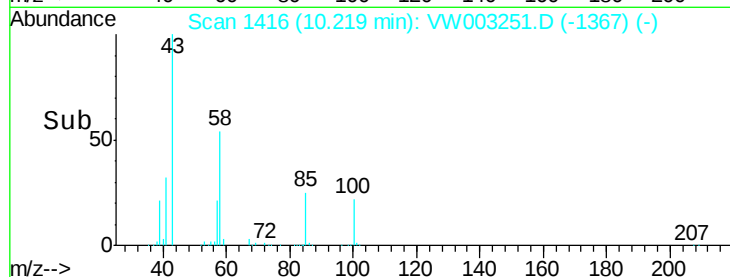
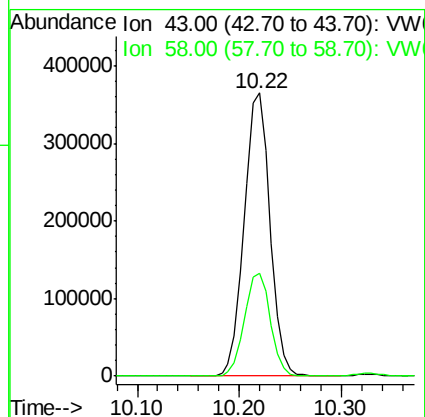
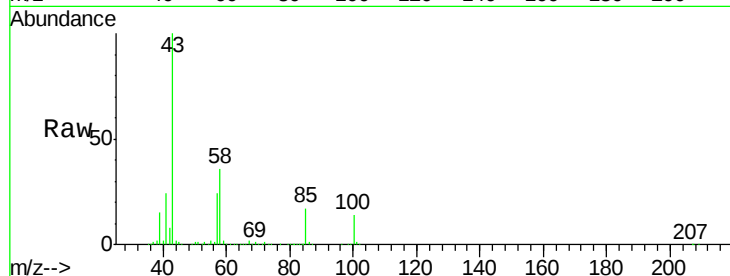
43 100

58 36.7 29.0 43.4

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#52

Toluene

Concen: 71.755 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

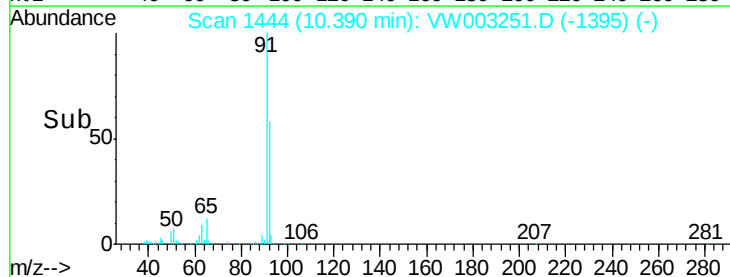
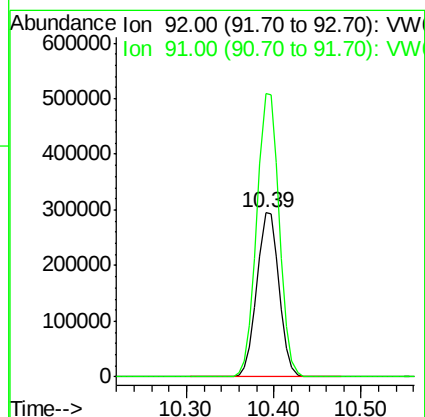
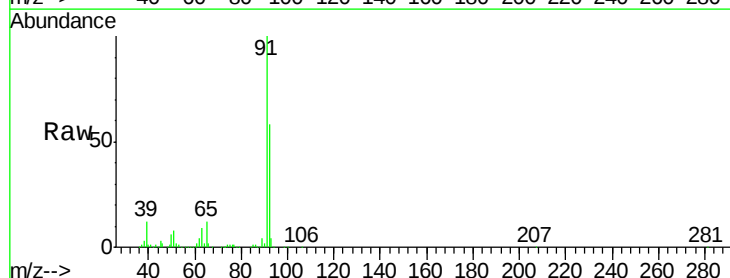
Lab File: VW003251.D

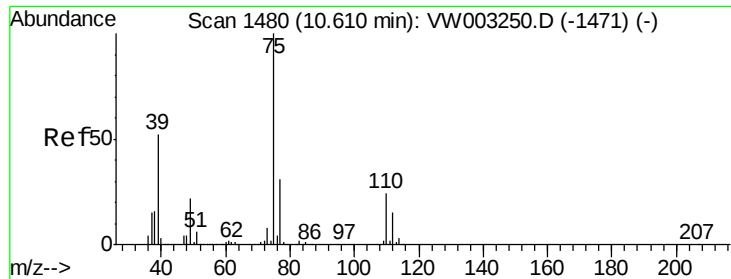
Acq: 13 Jun 2018 17:50

Tgt Ion: 92 Resp: 517982
Ion Ratio Lower Upper

92 100

91 174.5 141.1 211.7





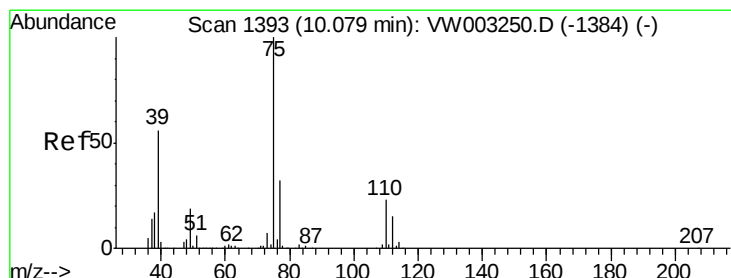
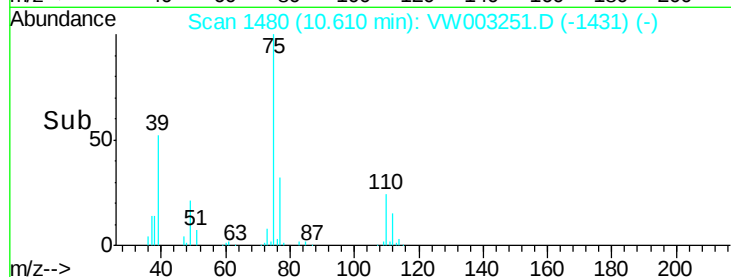
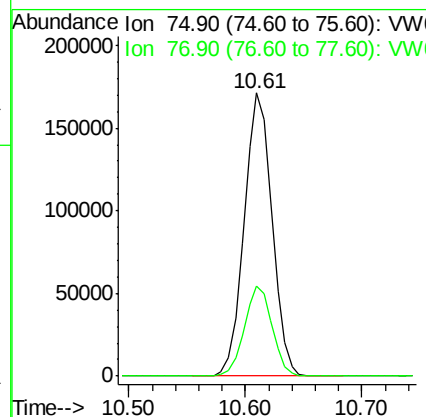
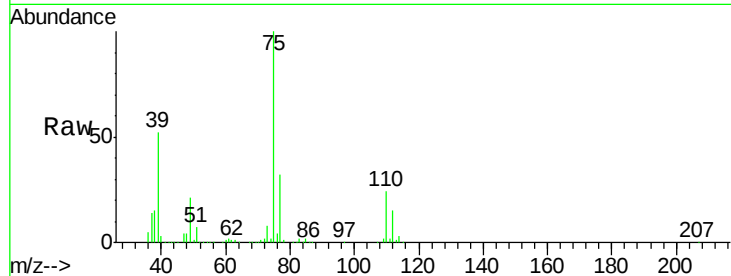
#53
 t-1,3-Dichloropropene
 Concen: 75.251 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 75 Resp: 285712
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.9 37.3

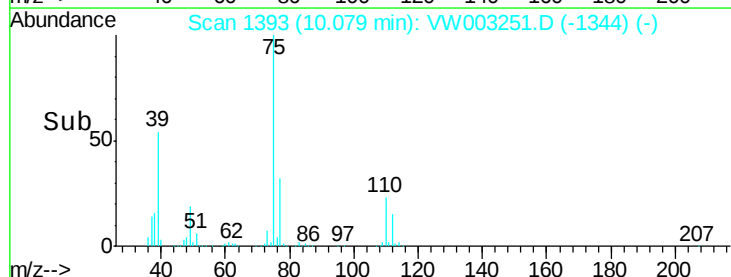
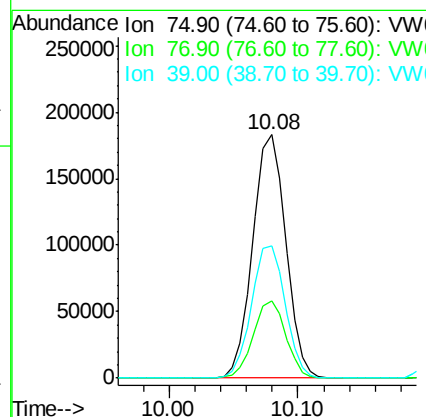
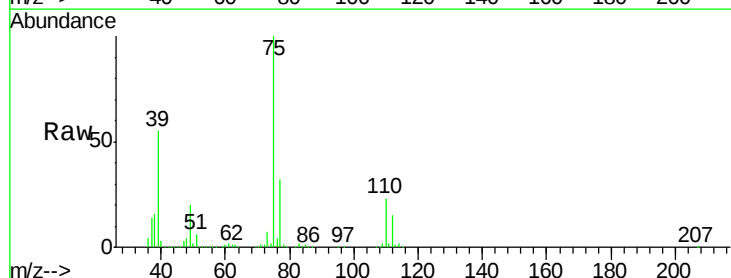
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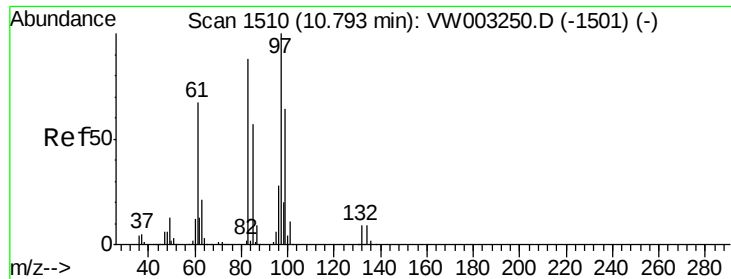
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#54
 cis-1,3-Dichloropropene
 Concen: 74.930 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 75 Resp: 323590
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.6
 39 54.5 45.2 67.8





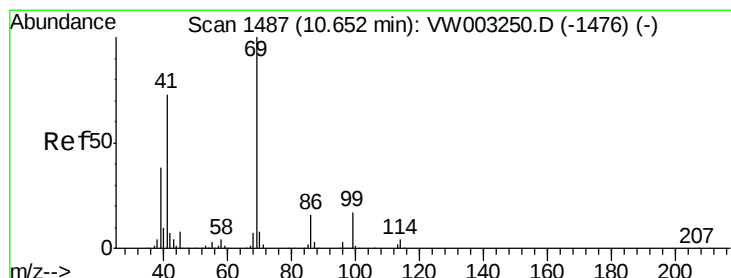
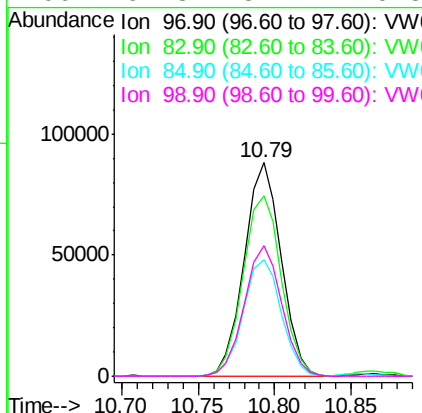
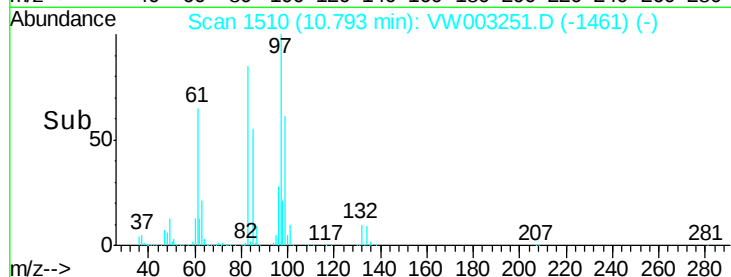
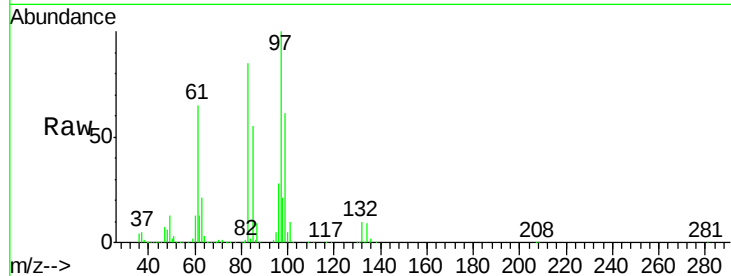
#55
 1,1,2-Trichloroethane
 Concen: 71.090 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	148312		
83	84.5	70.2	105.2	
85	54.6	45.6	68.4	
99	61.3	51.2	76.8	

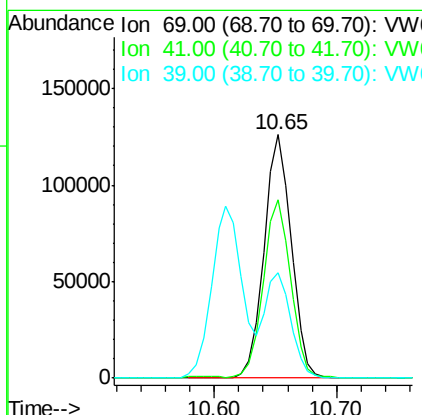
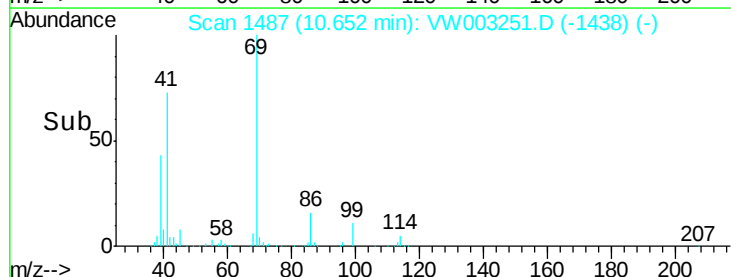
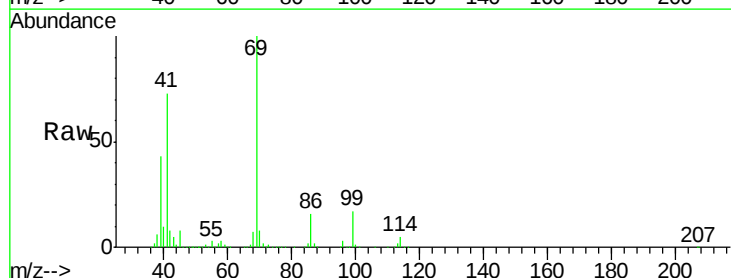
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#56
 Ethyl methacrylate
 Concen: 75.482 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	195180		
41	73.5	57.8	86.6	
39	41.1	32.7	49.1	





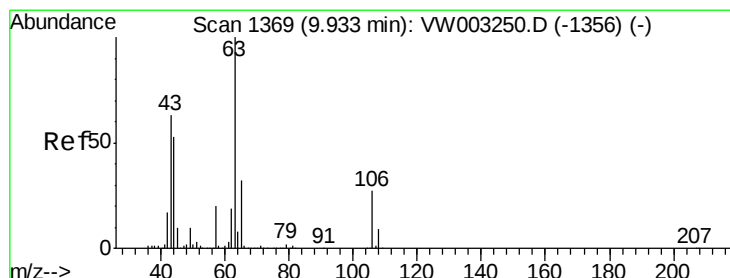
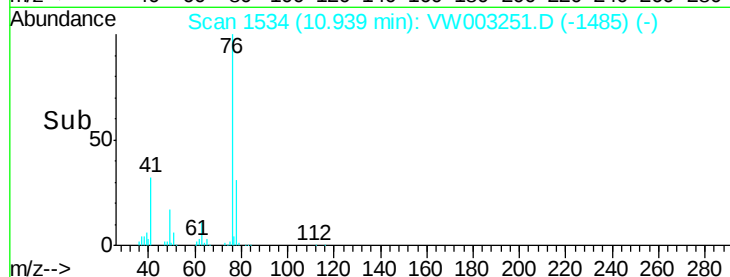
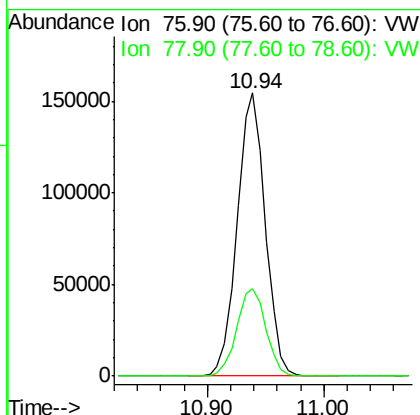
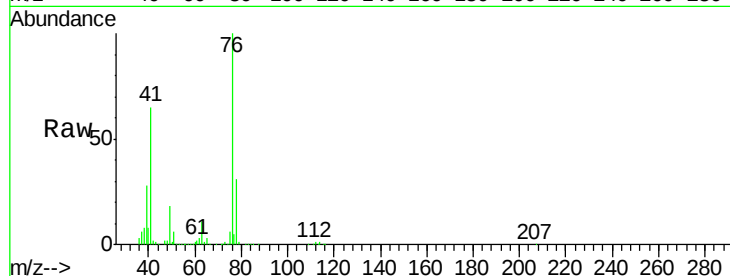
#57
 1,3-Dichloropropane
 Concen: 71.837 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 76 Resp: 258877
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

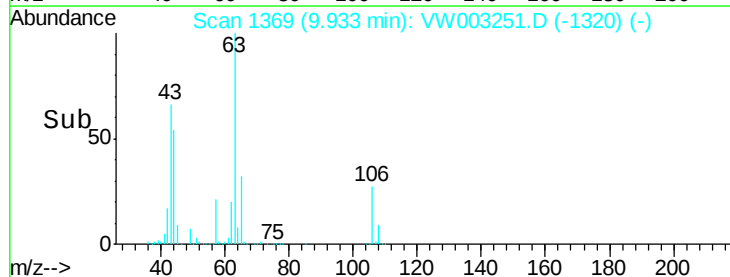
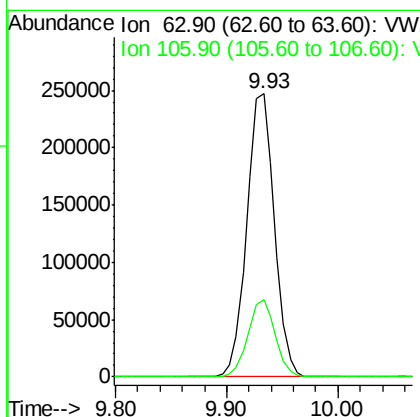
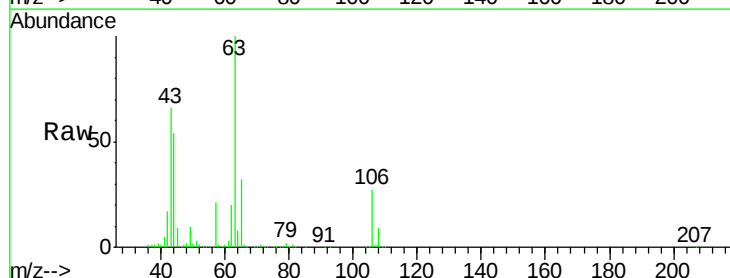
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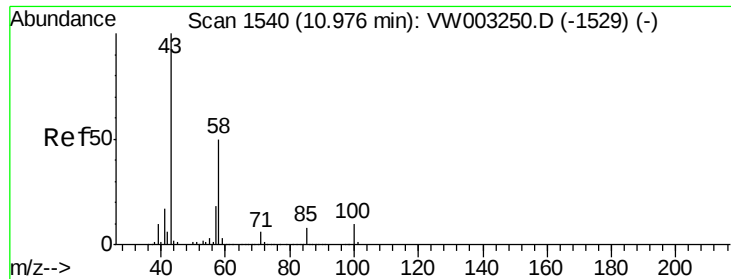
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#58
 2-Chloroethyl Vinyl ether
 Concen: 360.033 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 63 Resp: 424623
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.8 32.8





#59

2-Hexanone

Concen: 389.388 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 459855

Ion Ratio Lower Upper

43 100

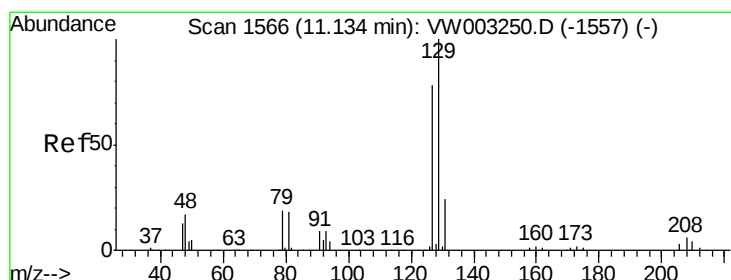
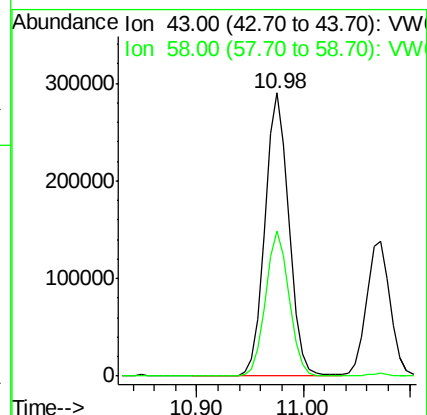
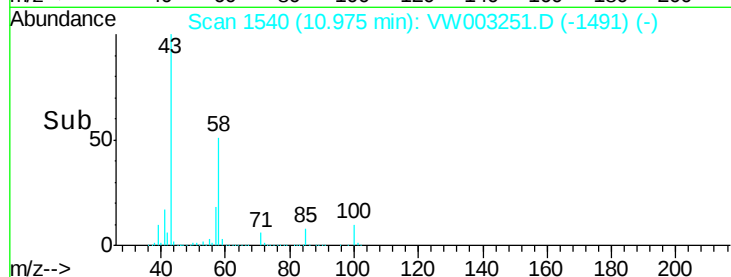
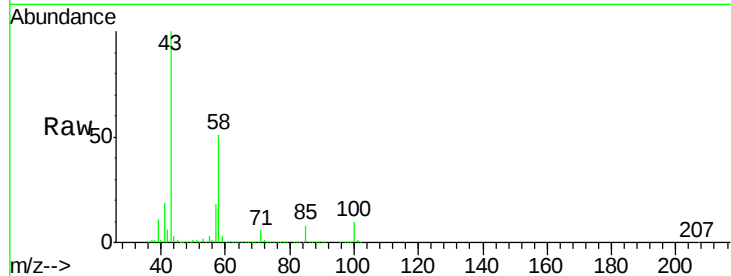
58 50.2 25.0 75.0

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#60

Dibromochloromethane

Concen: 72.964 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VW003251.D

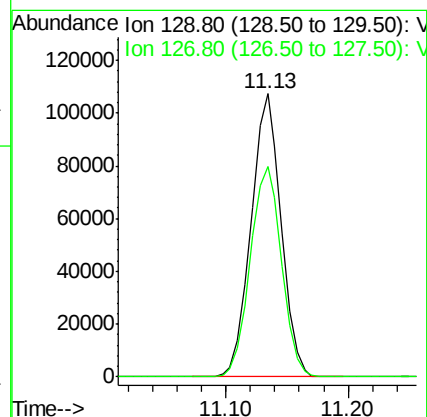
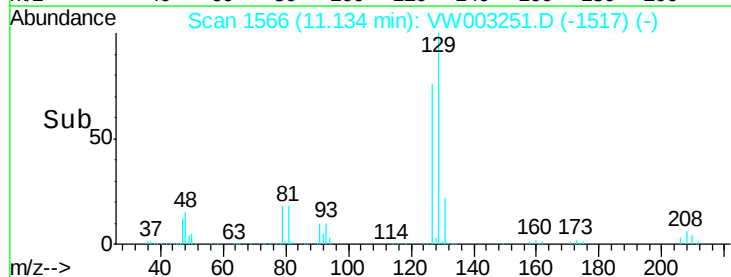
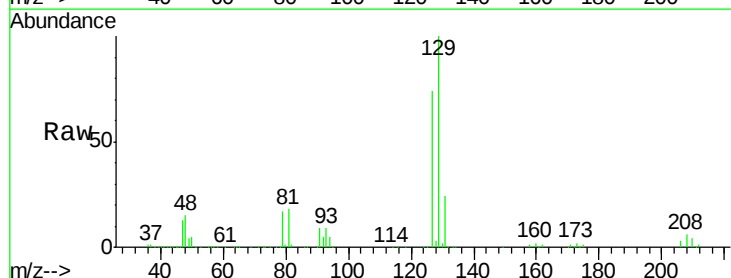
Acq: 13 Jun 2018 17:50

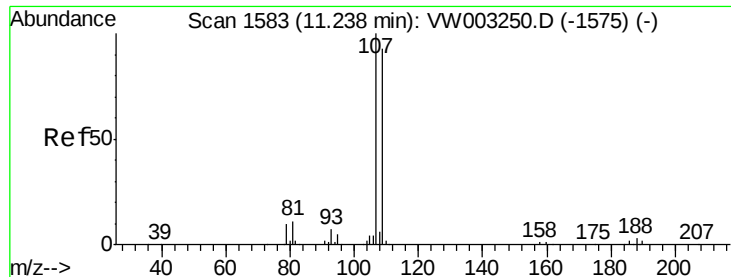
Tgt Ion: 129 Resp: 183054

Ion Ratio Lower Upper

129 100

127 77.2 39.1 117.5





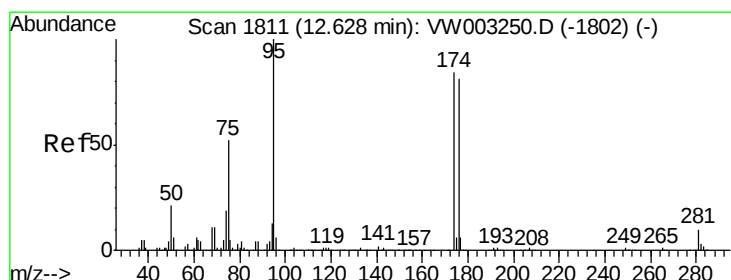
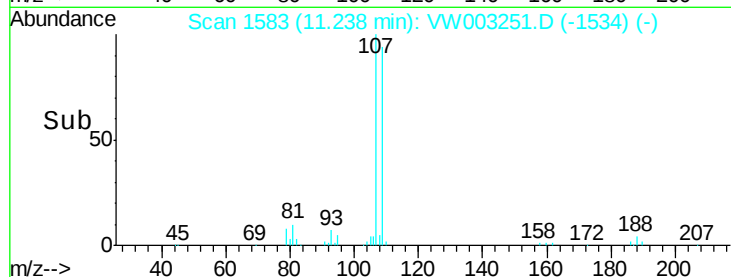
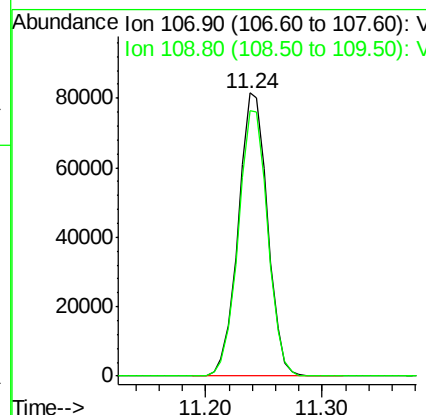
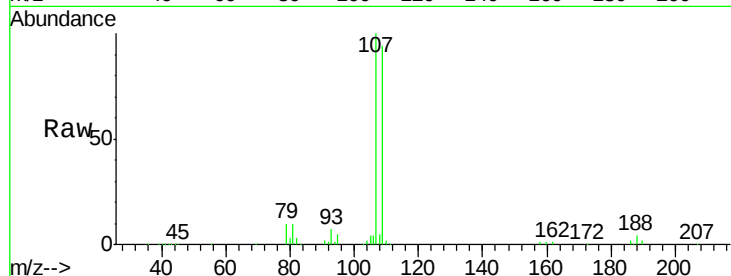
#61
 1,2-Dibromoethane
 Concen: 70.858 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 107 Resp: 142438
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.6

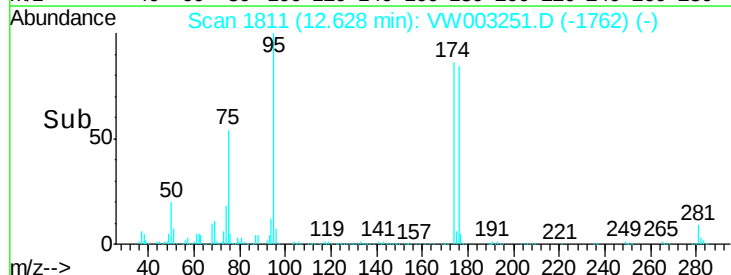
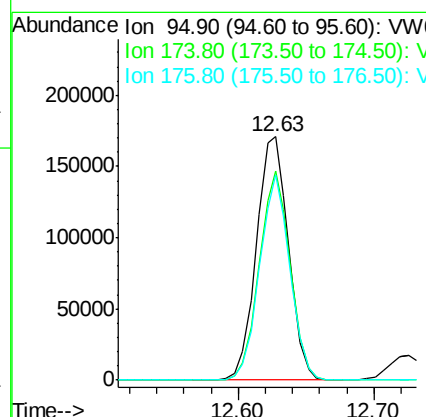
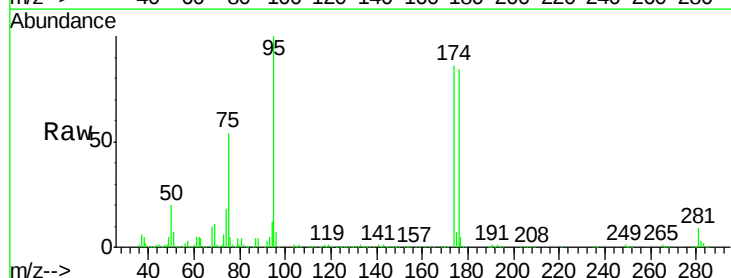
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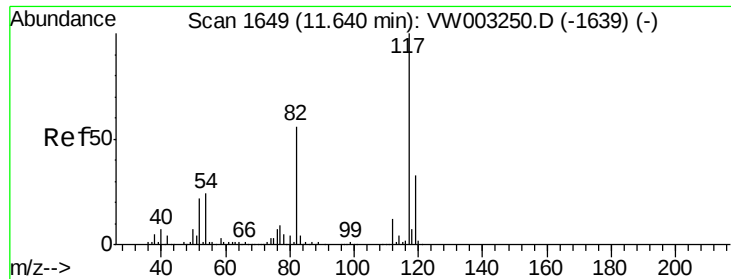
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#62
 4-Bromofluorobenzene
 Concen: 79.259 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 95 Resp: 282011
 Ion Ratio Lower Upper
 95 100
 174 82.7 0.0 166.4
 176 79.5 0.0 162.0





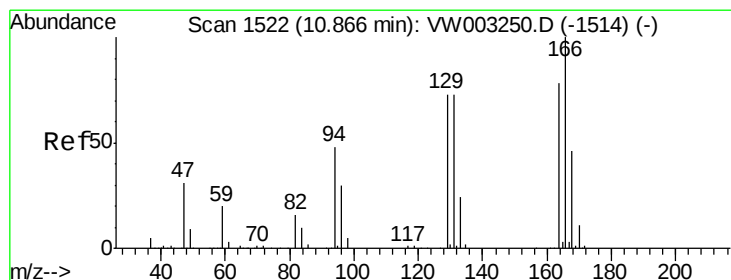
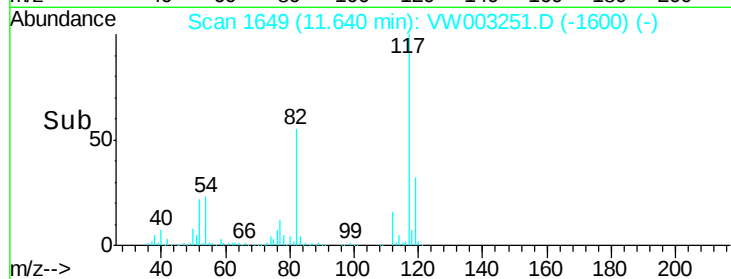
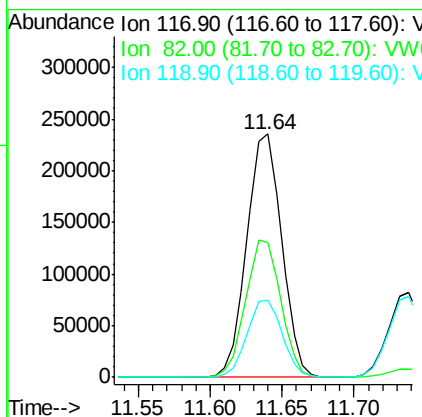
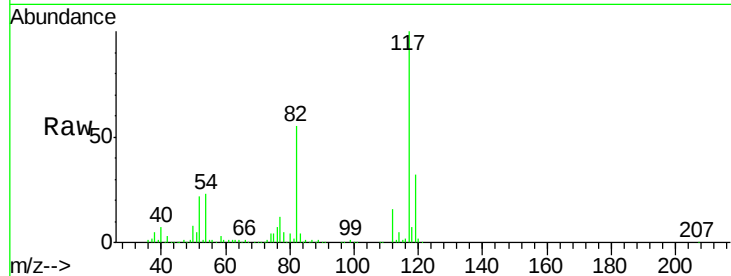
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	395433		
82	55.2	44.6	67.0	
119	31.7	26.7	40.1	

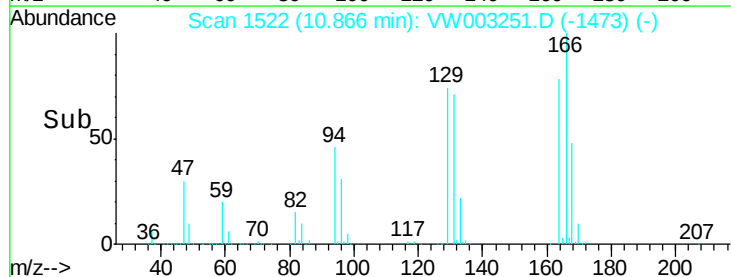
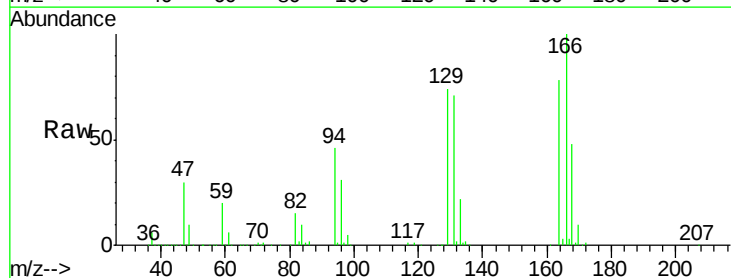
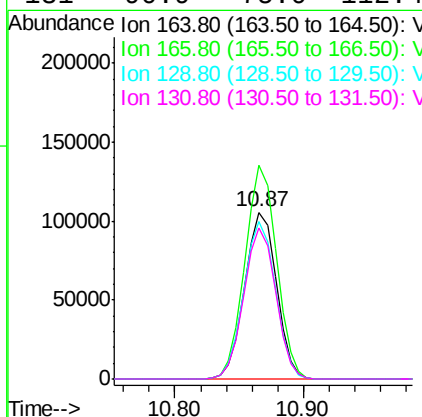
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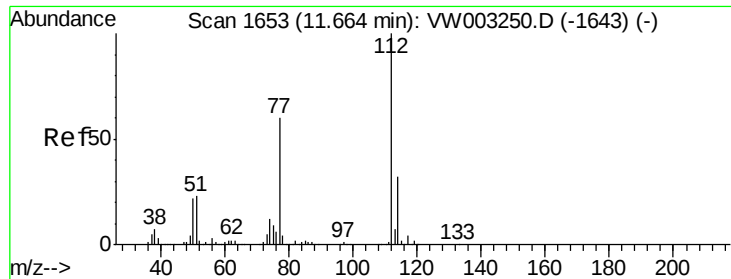
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#64
Tetrachloroethene
Concen: 64.366 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	180245		
166	128.3	102.6	154.0	
129	94.8	75.2	112.8	
131	90.9	75.0	112.4	





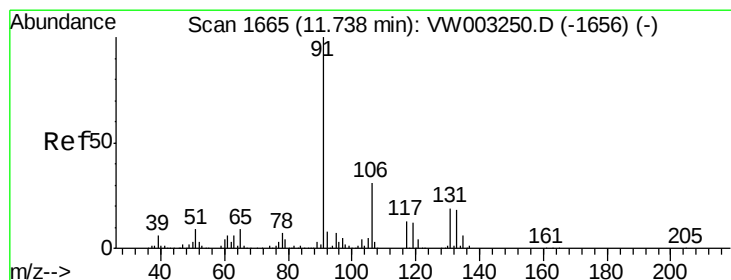
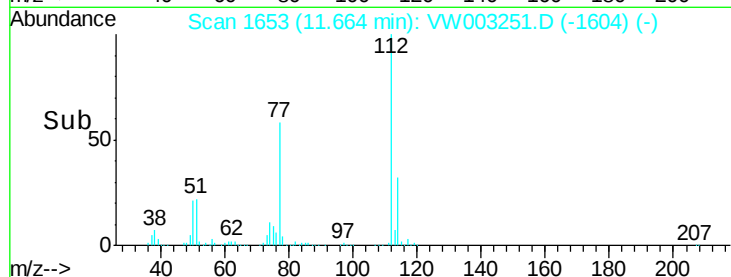
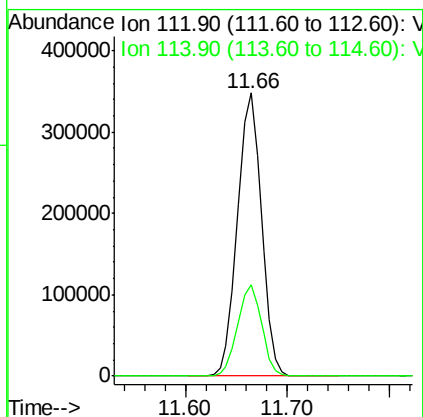
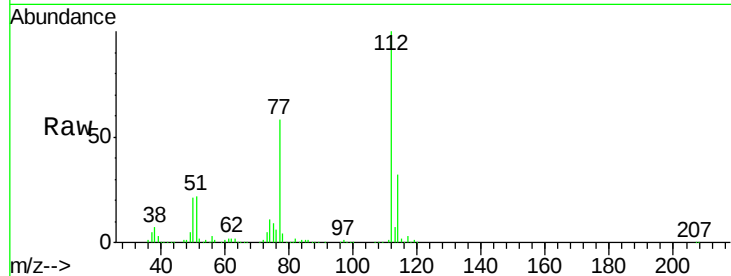
#65
Chlorobenzene
Concen: 69.735 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:112 Resp: 567009
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9

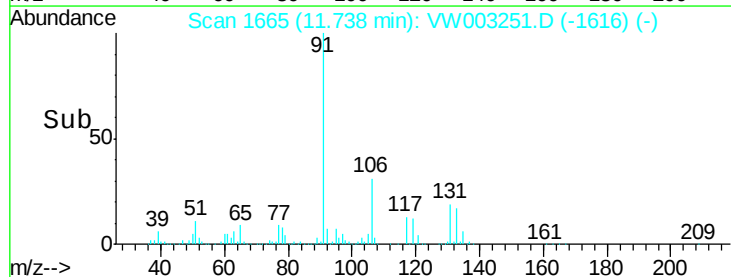
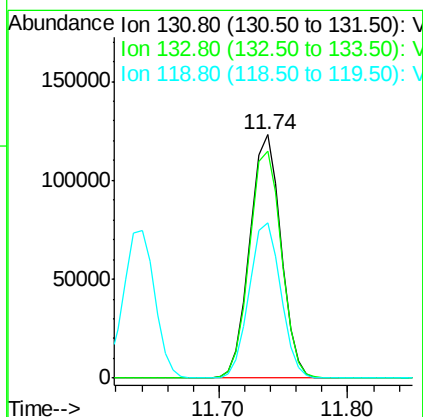
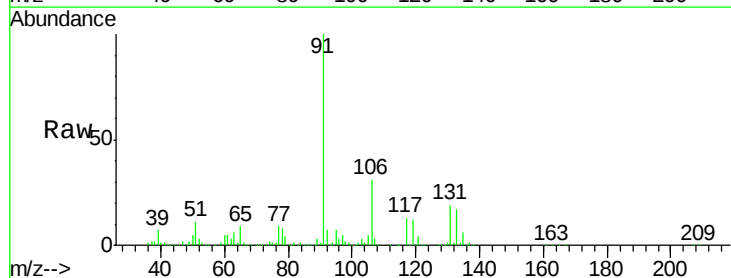
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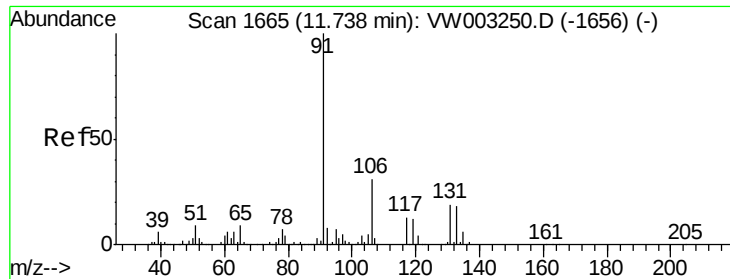
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#66
1,1,1,2-Tetrachloroethane
Concen: 72.309 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion:131 Resp: 205081
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 64.7 32.5 97.4





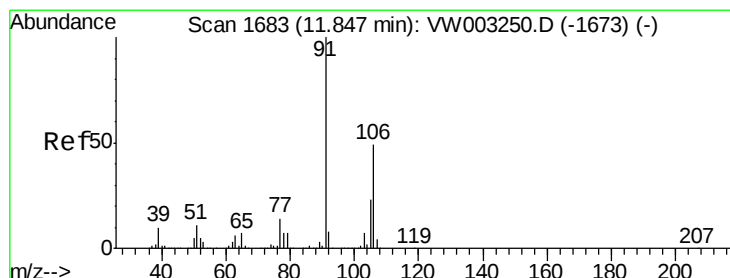
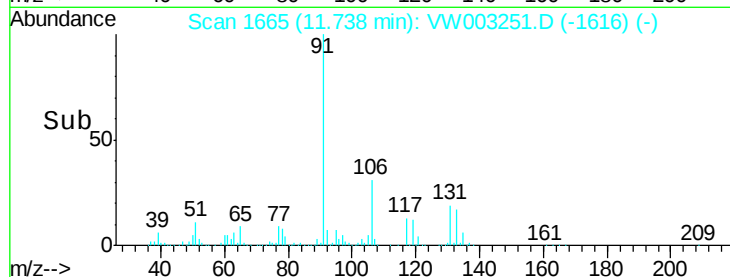
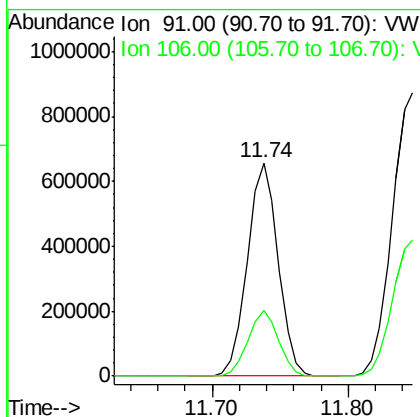
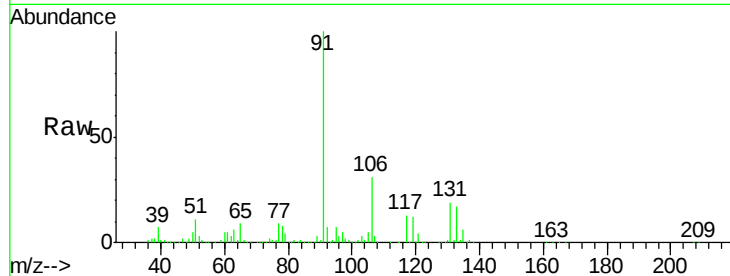
#67
Ethyl Benzene
Concen: 72.320 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 1039902
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

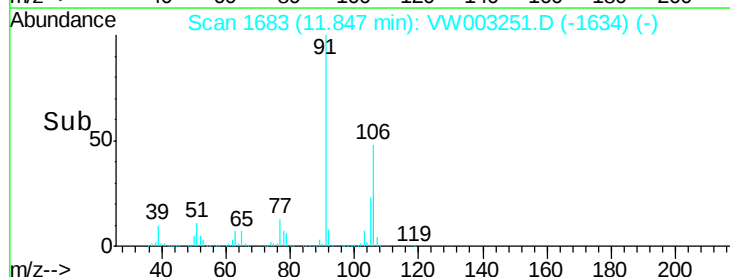
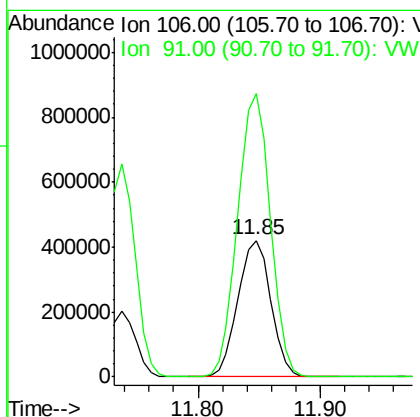
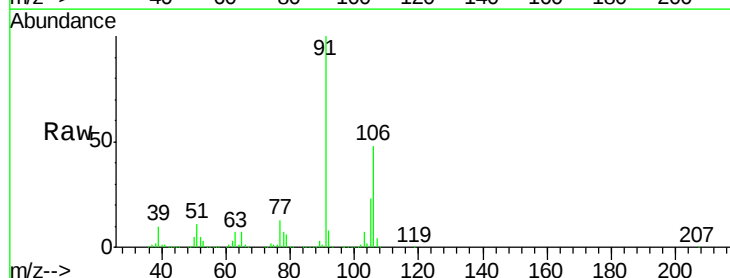
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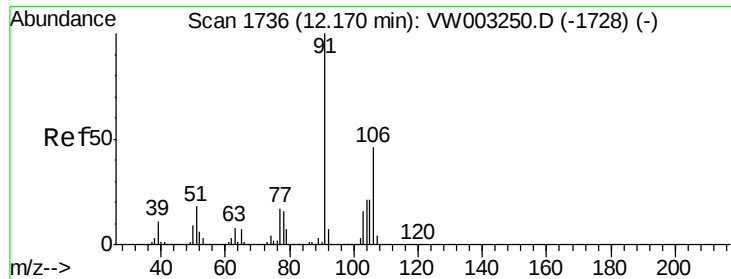
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#68
m/p-Xylenes
Concen: 142.712 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion: 106 Resp: 784514
Ion Ratio Lower Upper
106 100
91 206.6 165.4 248.0





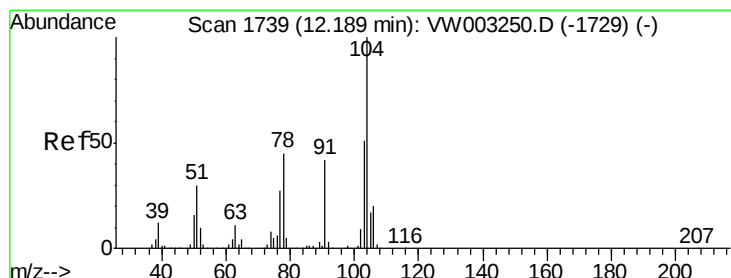
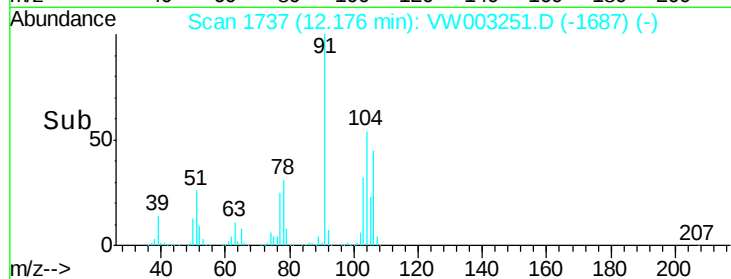
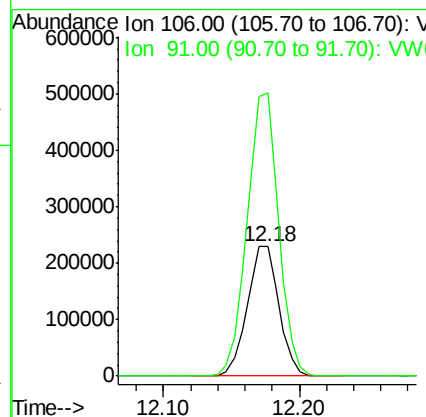
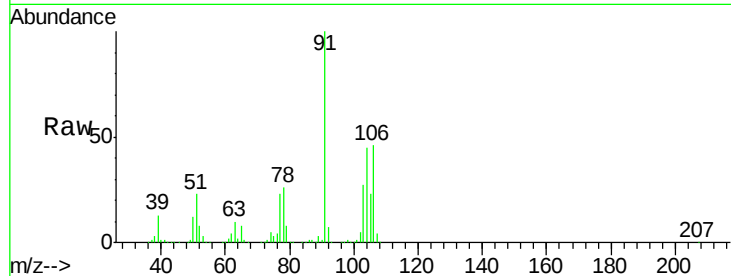
#69
o-Xylene
Concen: 72.043 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	373465		
91	217.4	108.6	325.6	

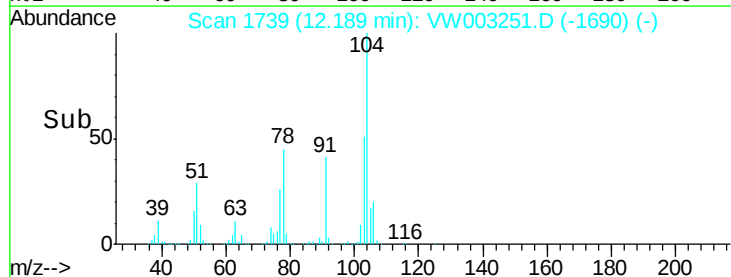
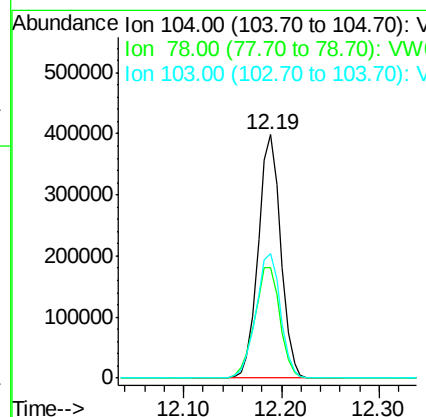
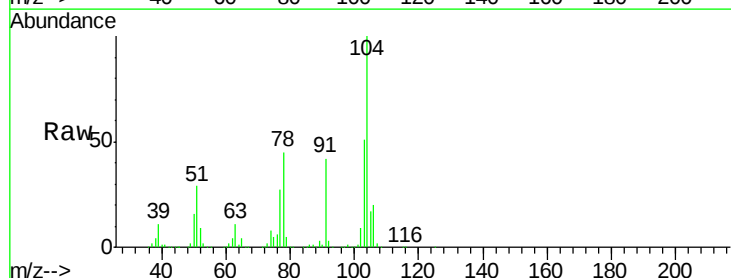
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#70
Styrene
Concen: 73.318 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	634647		
78	51.4	41.3	61.9	
103	56.0	45.0	67.4	





#71

Bromoform

Concen: 72.639 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion:173 Resp: 110095

Ion Ratio Lower Upper

173 100

175 48.5 24.4 73.4

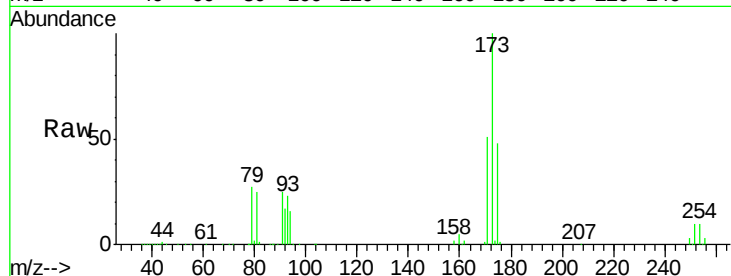
254 0.1 0.1 0.1#

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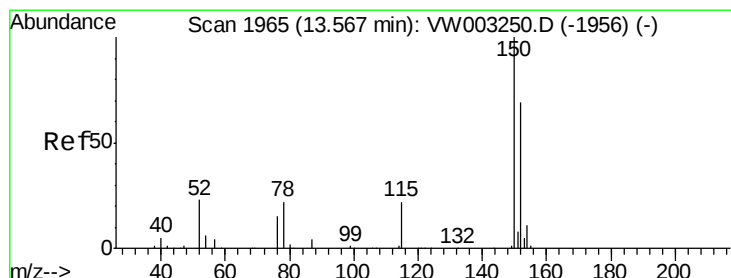
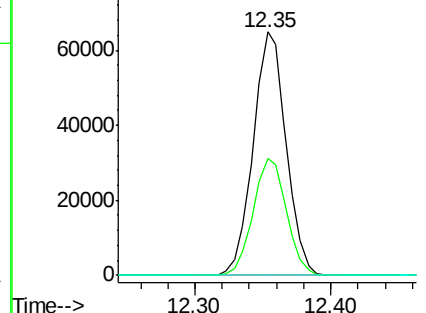
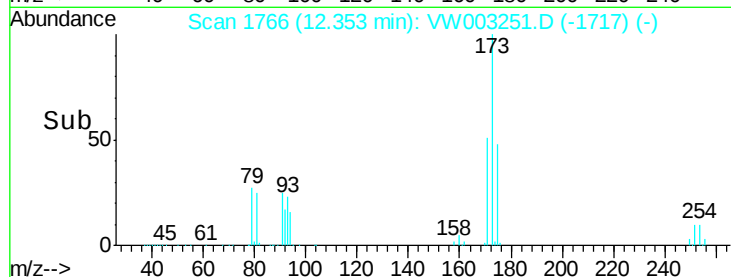
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 1965

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

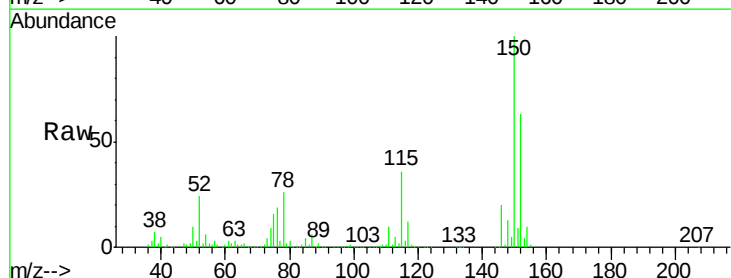
Tgt Ion:152 Resp: 211963

Ion Ratio Lower Upper

152 100

115 57.9 29.3 88.0

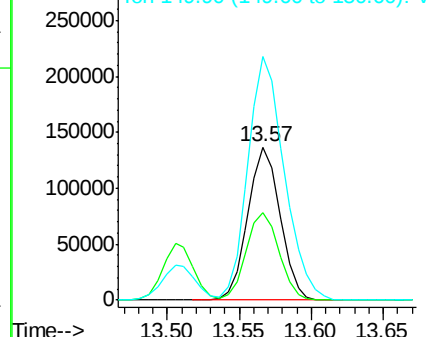
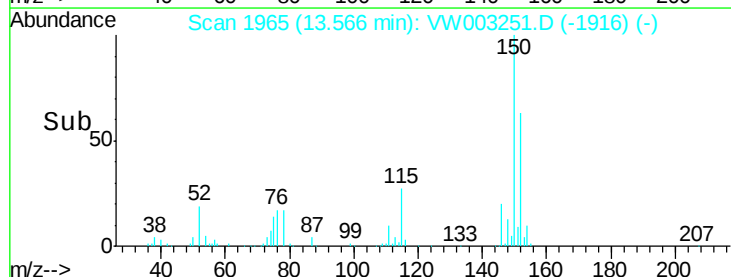
150 179.0 0.0 349.6

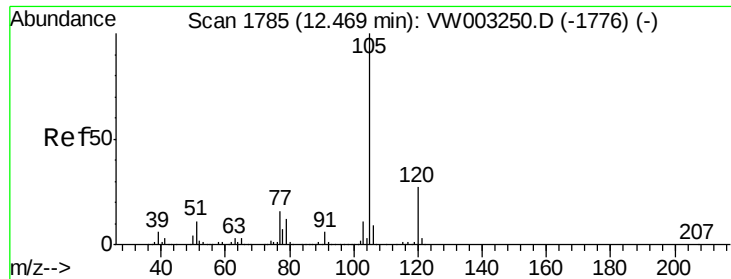


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 71.705 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 105 Resp: 1052123

Ion Ratio Lower Upper

105 100

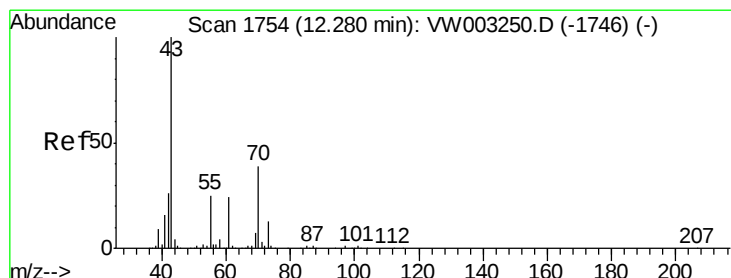
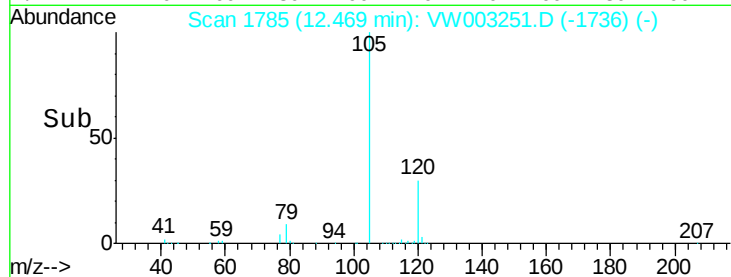
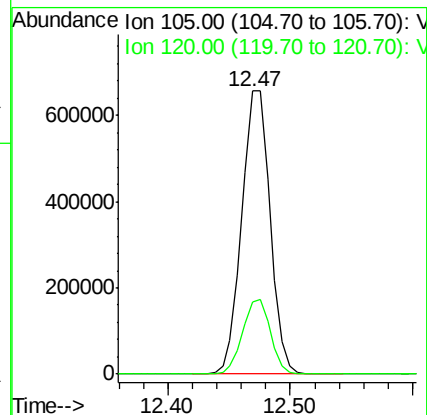
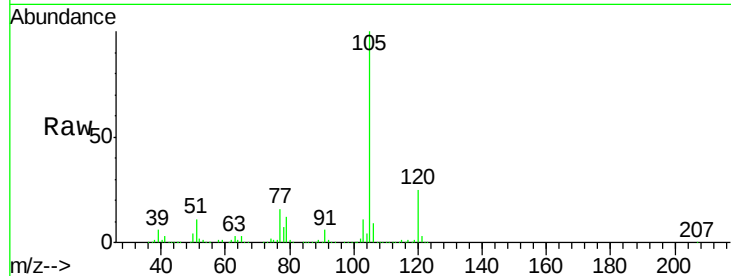
120 26.0 13.2 39.6

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#74

N-ethyl acetate

Concen: 74.044 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Tgt Ion: 43 Resp: 250365

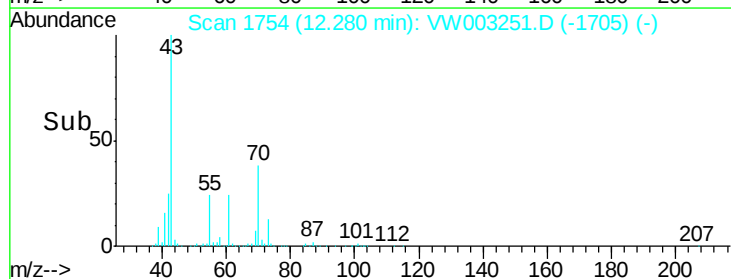
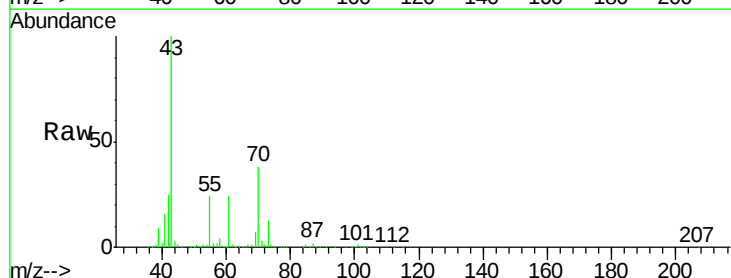
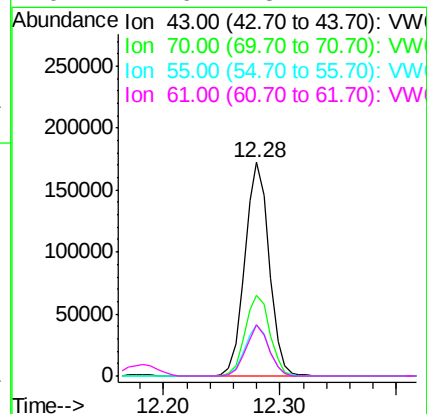
Ion Ratio Lower Upper

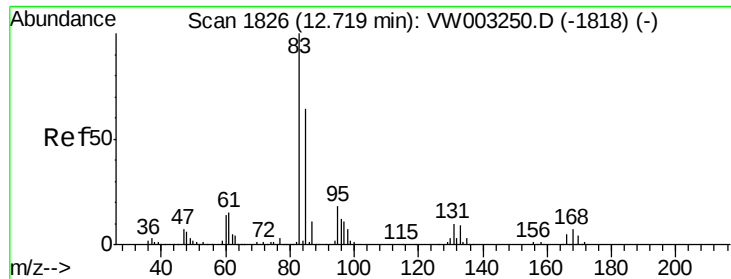
43 100

70 39.0 31.0 46.6

55 23.8 19.7 29.5

61 22.6 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 70.044 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

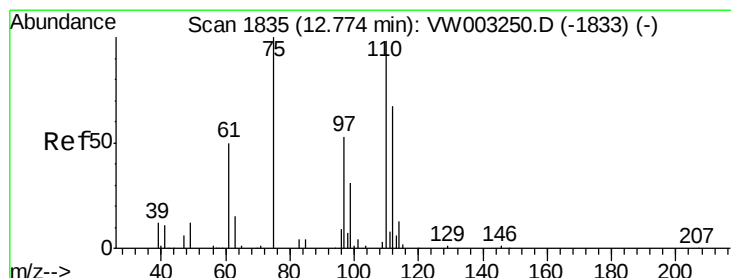
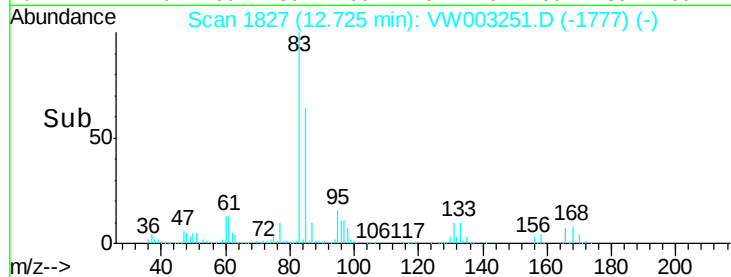
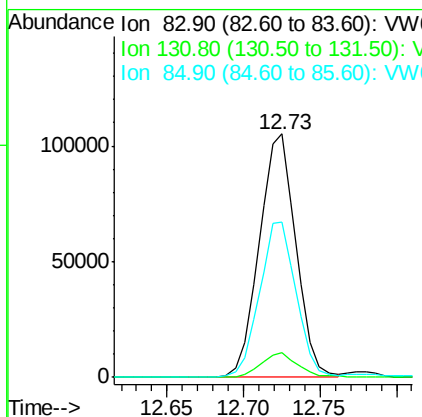
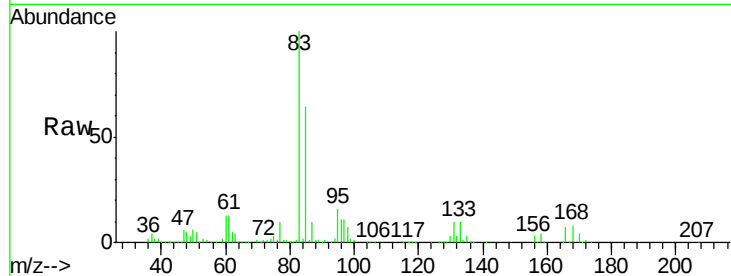
ClientSampleId :

VSTDIC075

Tgt Ion:	83	Resp:	175067
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	64.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 67.198 ug/l m

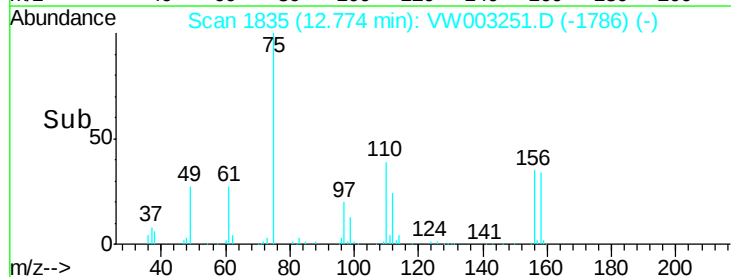
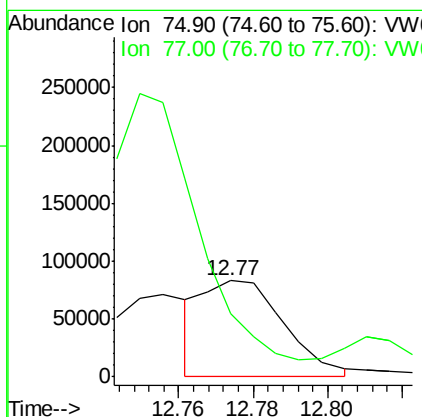
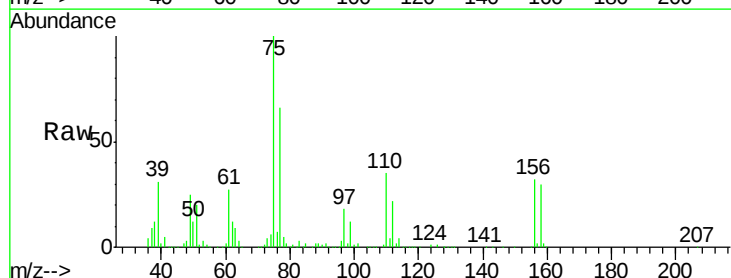
RT: 12.77 min Scan# 1835

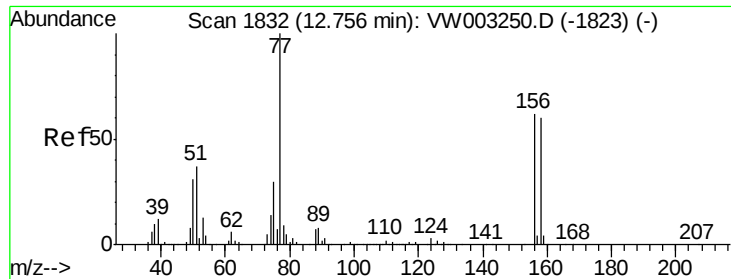
Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Tgt Ion:	75	Resp:	126317
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





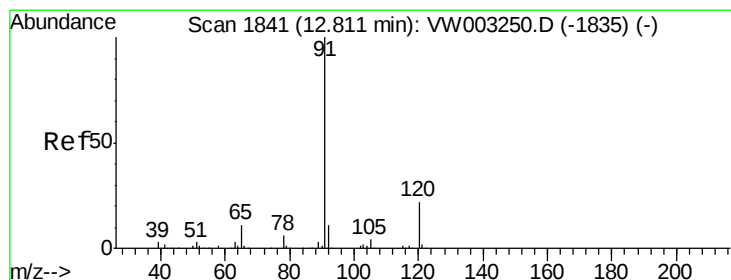
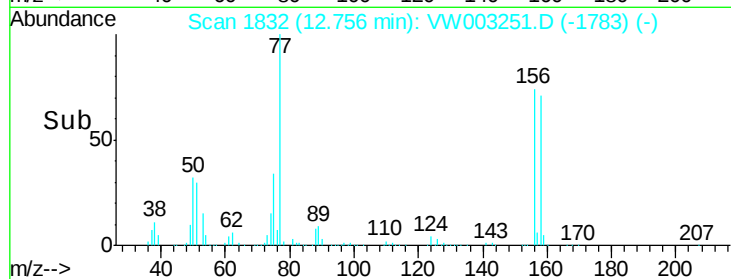
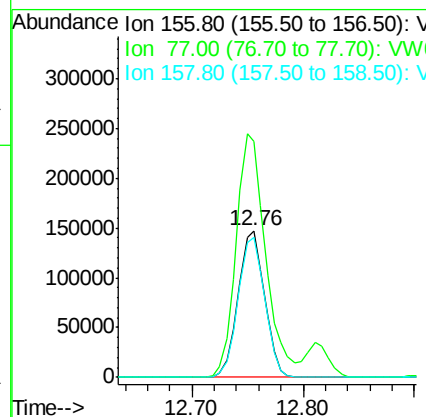
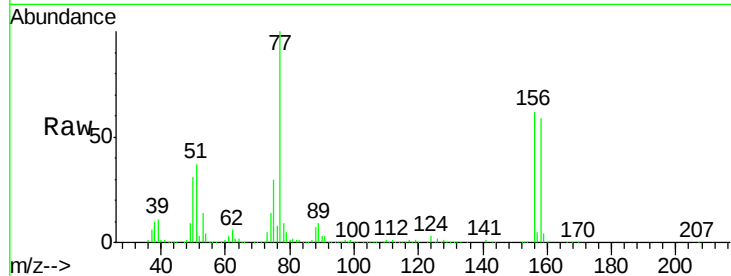
#77
Bromobenzene
Concen: 69.792 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
156	100		
77	184.8	92.3	276.9
158	96.4	47.5	142.6

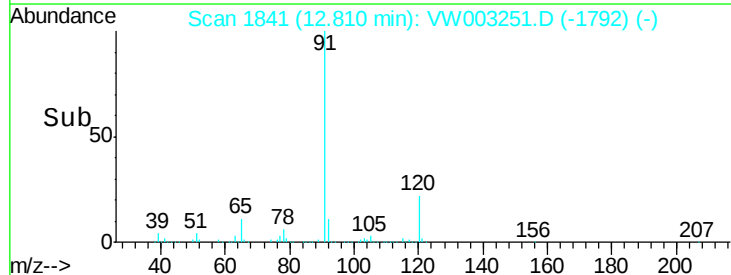
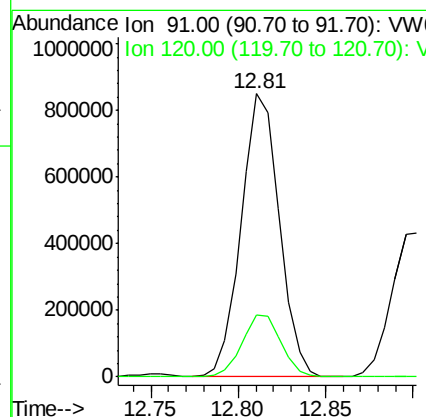
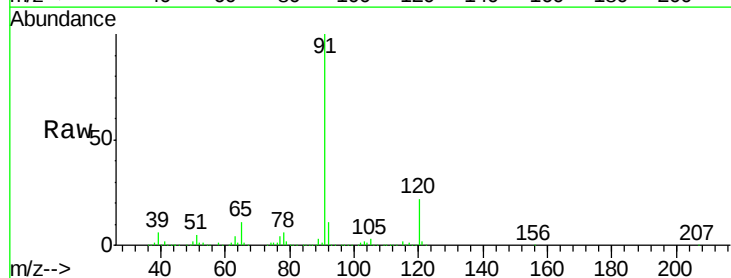
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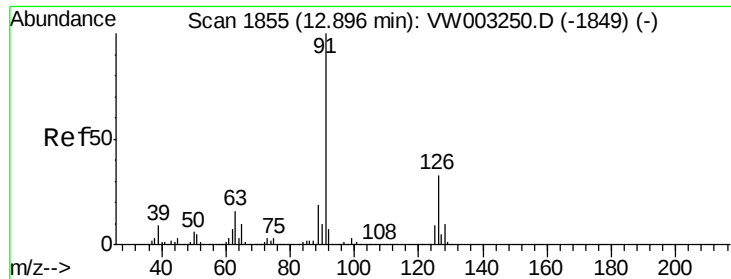
apatel
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#78
n-propylbenzene
Concen: 73.615 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 71.769 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tgt Ion: 91 Resp: 714518

Ion Ratio Lower Upper

91 100

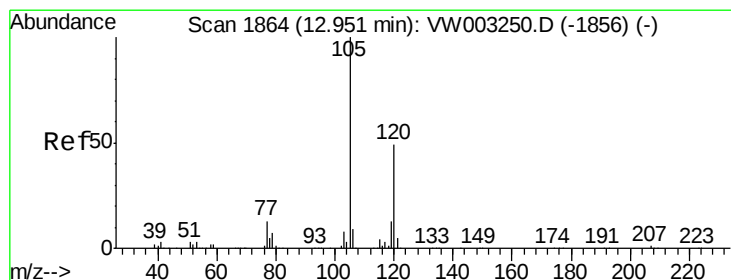
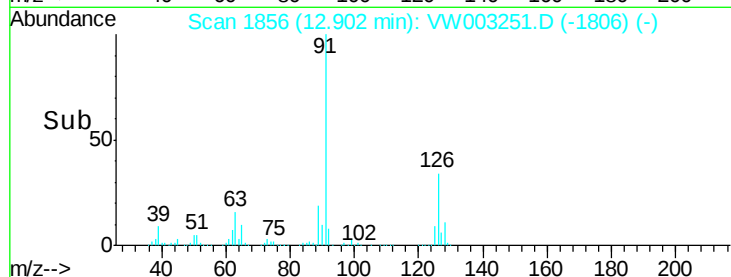
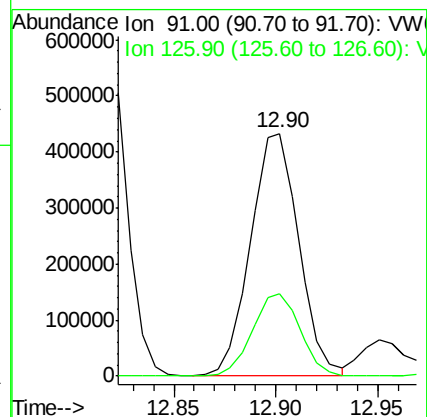
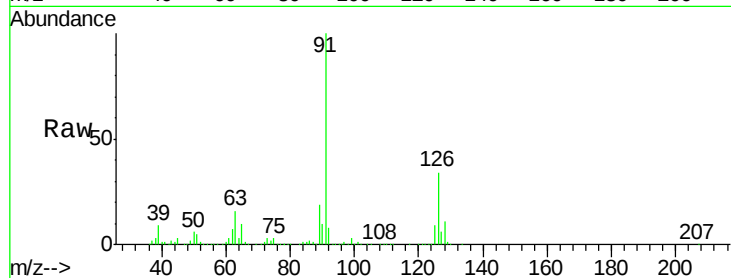
126 33.7 16.8 50.4

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#80

1,3,5-Trimethylbenzene

Concen: 72.688 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003251.D

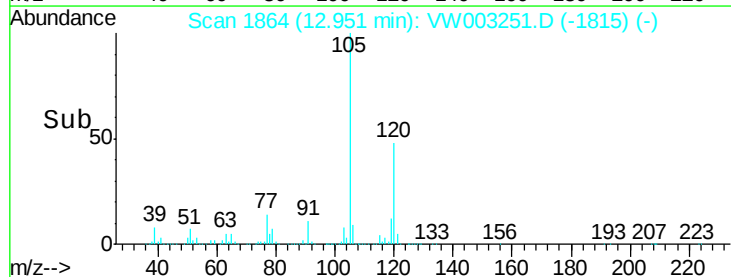
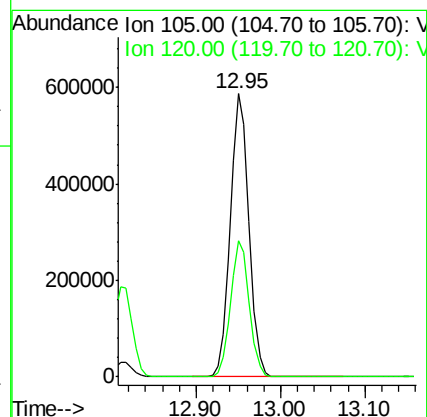
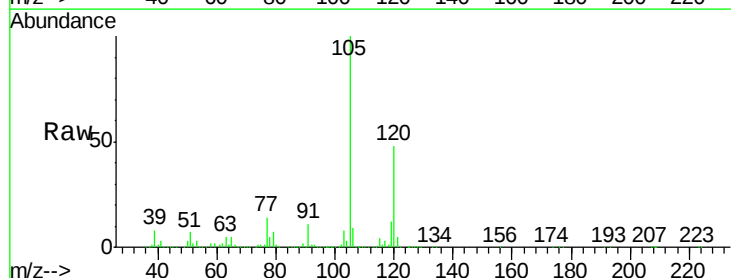
Acq: 13 Jun 2018 17:50

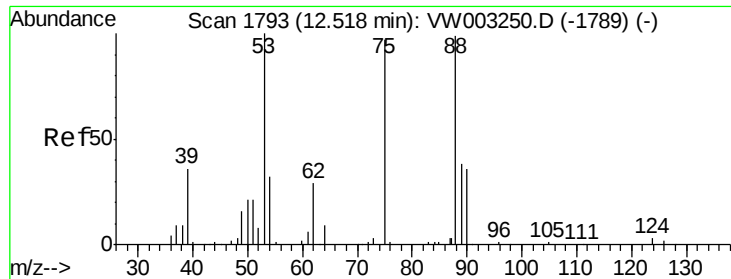
Tgt Ion: 105 Resp: 889431

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.9





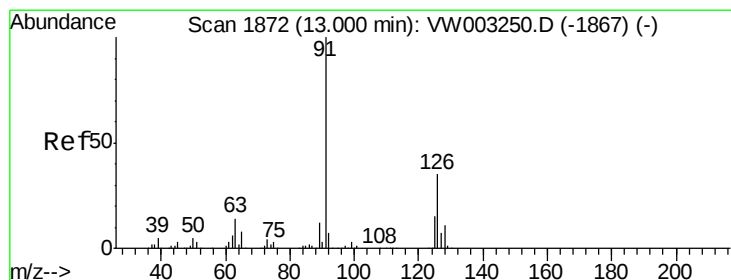
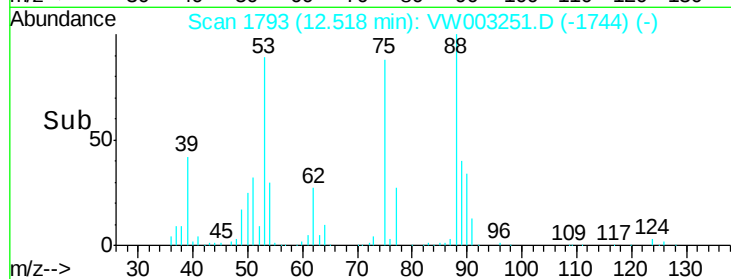
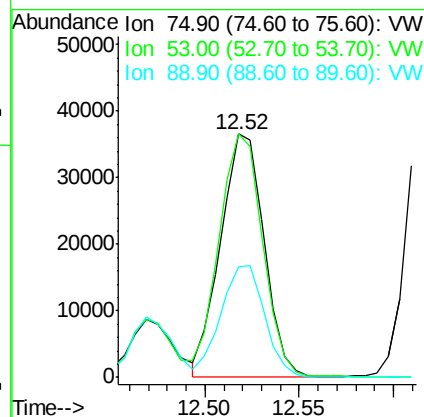
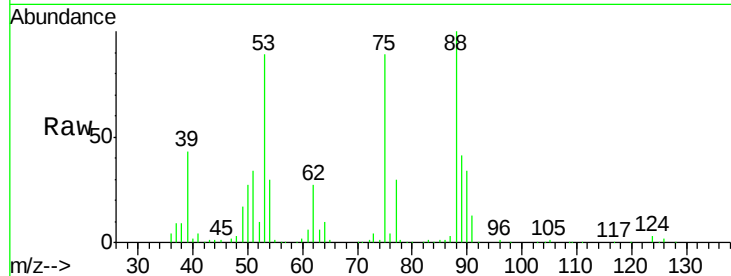
#81
trans-1,4-Dichloro-2-butene
Concen: 78.537 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.1	82.9	124.3
89	46.7	36.7	55.1

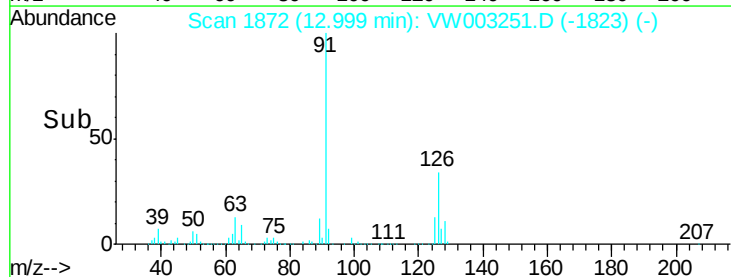
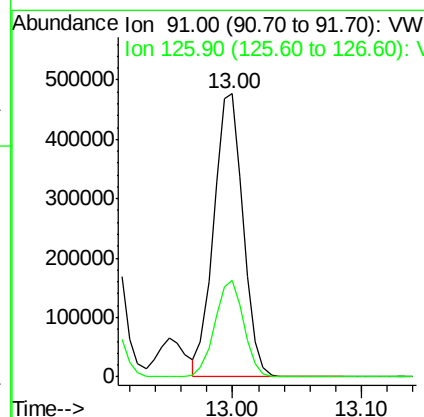
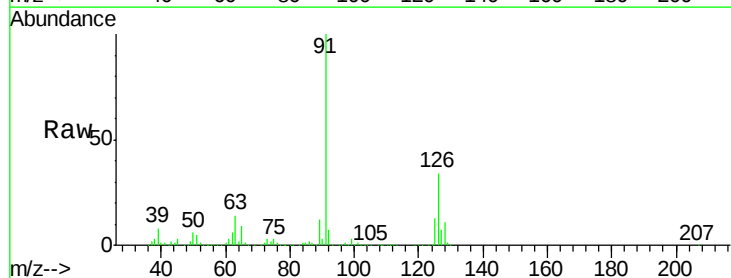
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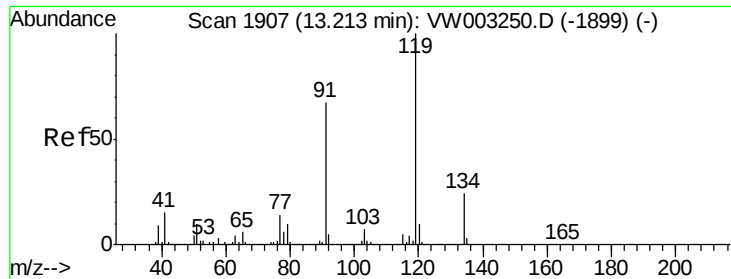
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#82
4-Chlorotoluene
Concen: 71.618 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.8	50.3





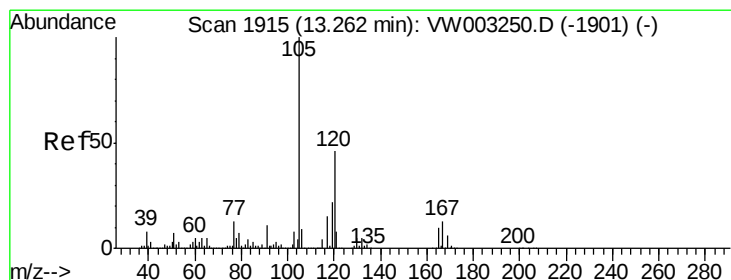
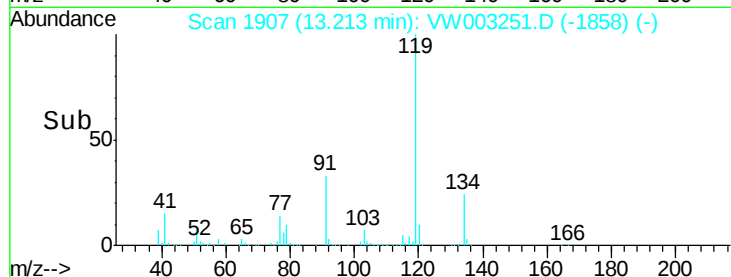
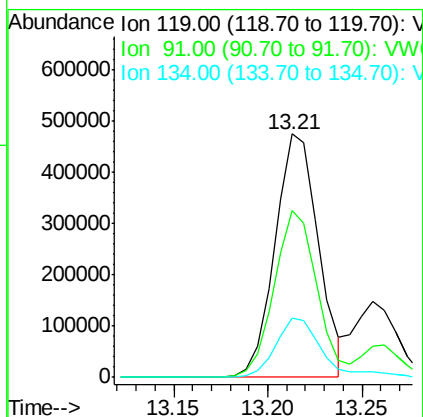
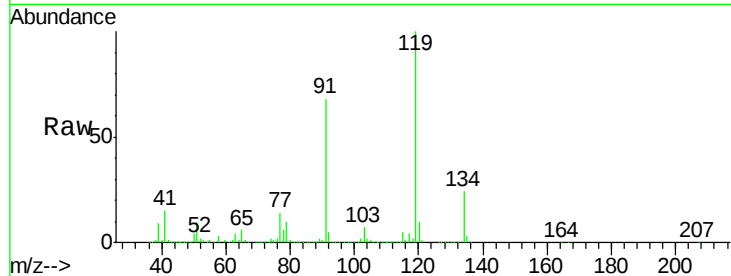
#83
 tert-Butylbenzene
 Concen: 70.122 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	755259		
91	67.7	33.9	101.7	
134	26.3	13.4	40.1	

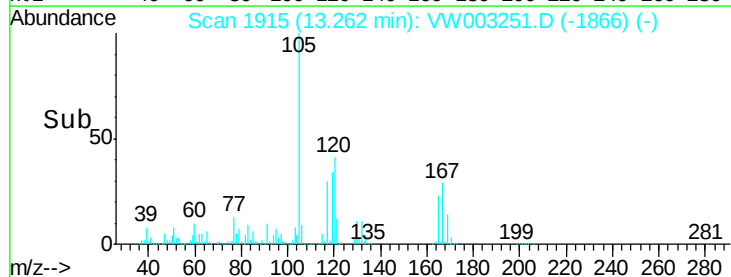
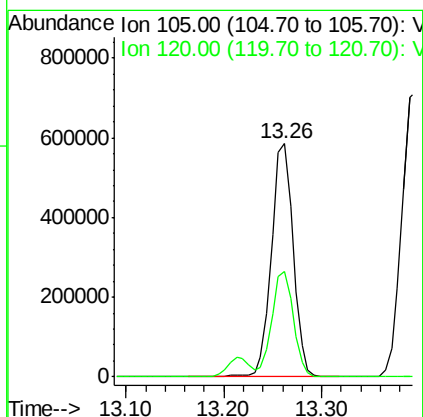
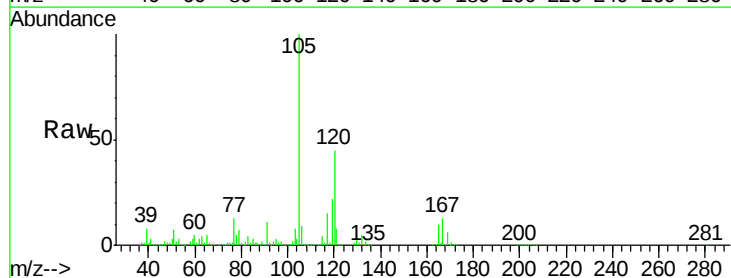
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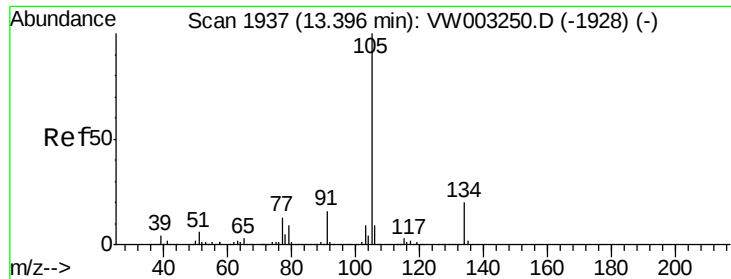
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#84
 1,2,4-Trimethylbenzene
 Concen: 72.083 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	911040		
120	44.9	22.5	67.5	





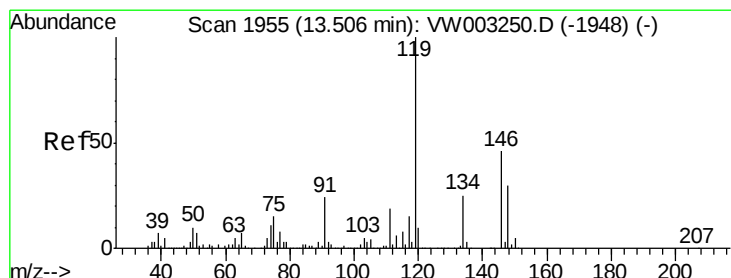
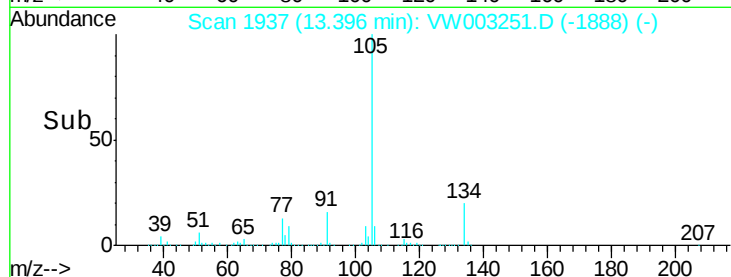
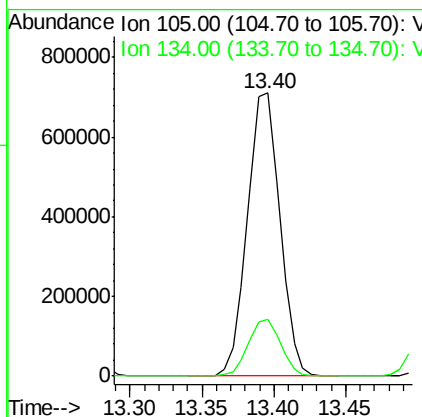
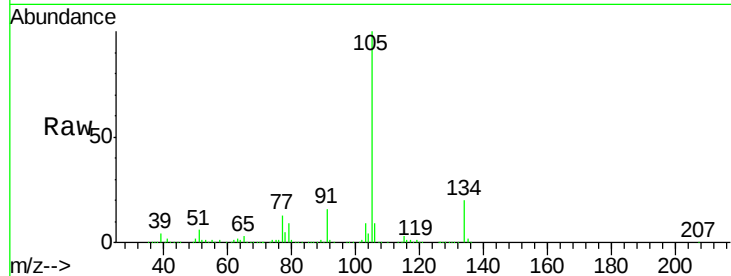
#85
 sec-Butylbenzene
 Concen: 72.570 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:105 Resp: 1110250
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

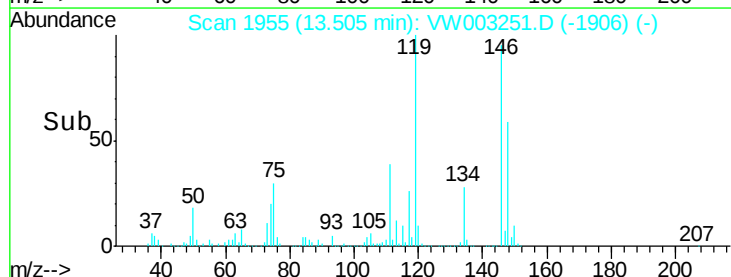
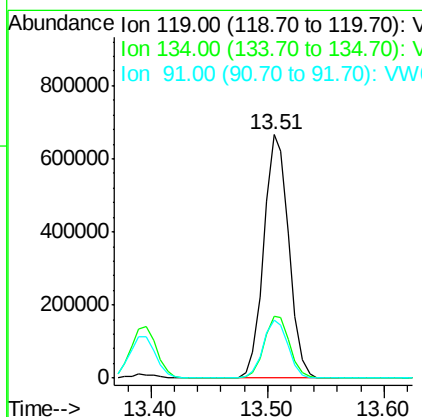
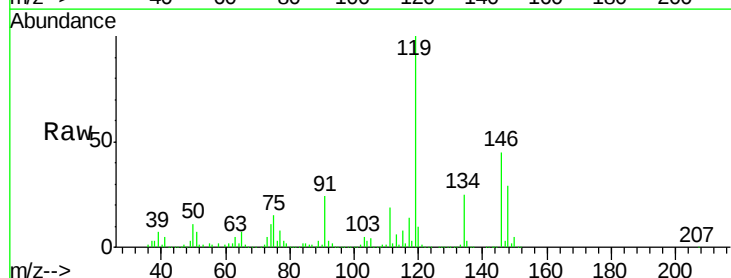
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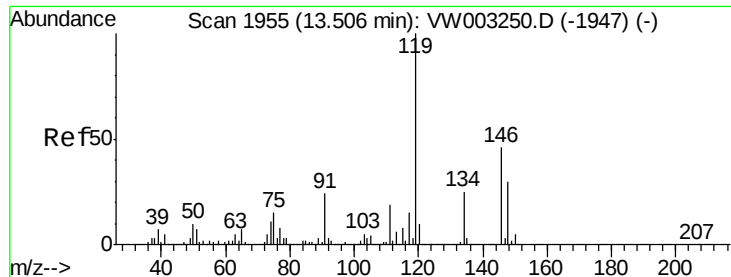
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#86
 p-Isopropyltoluene
 Concen: 72.663 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion:119 Resp: 994005
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 23.7 11.8 35.3





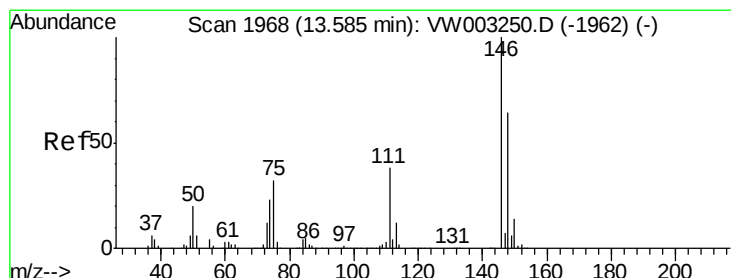
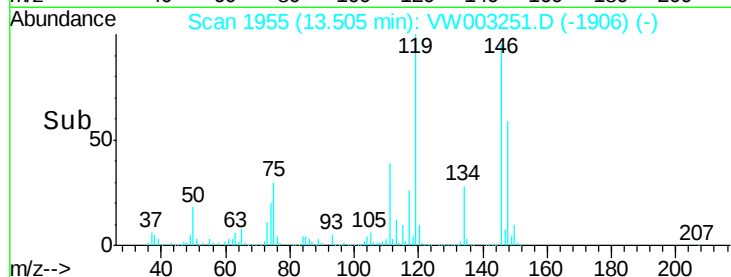
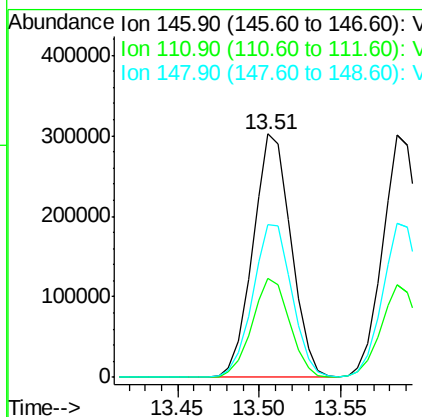
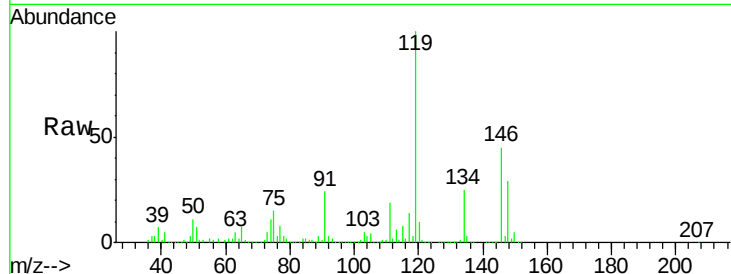
#87
 1,3-Dichlorobenzene
 Concen: 70.280 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.8	59.4
148	64.3	32.1	96.5

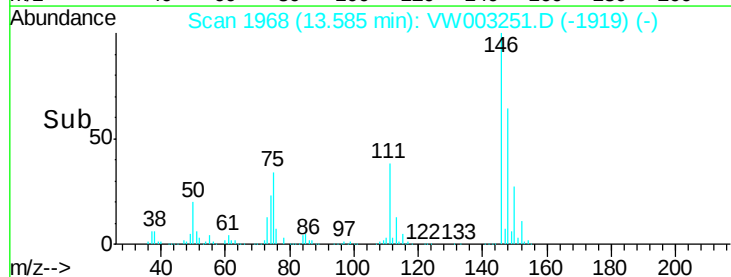
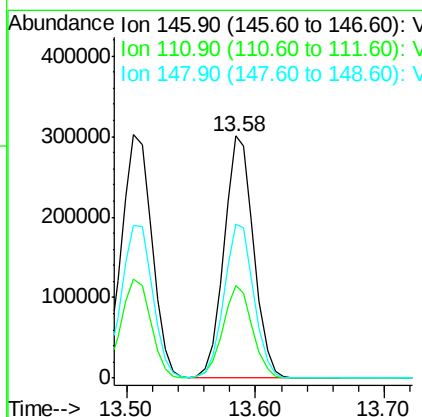
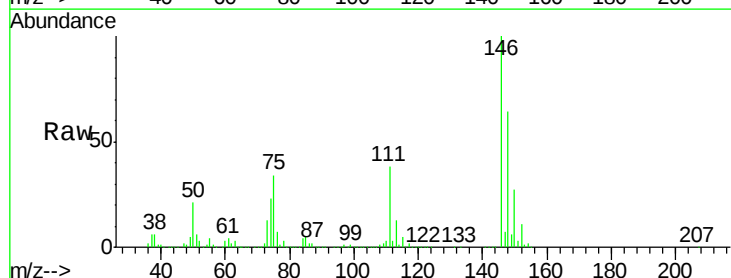
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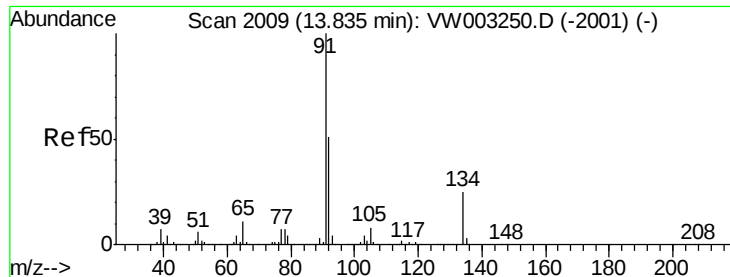
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#88
 1,4-Dichlorobenzene
 Concen: 69.172 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.2	57.6
148	64.1	31.8	95.4





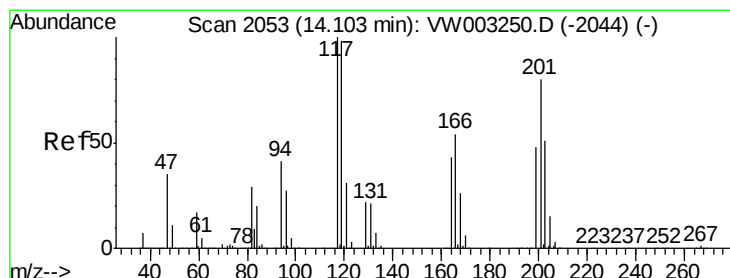
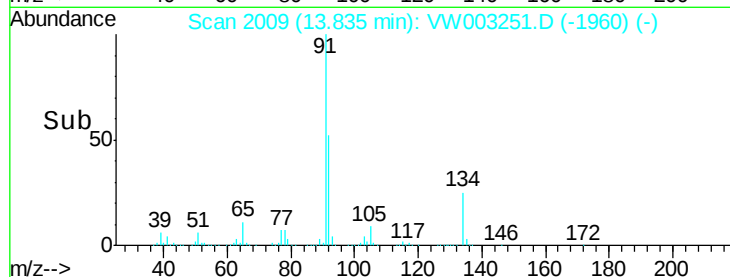
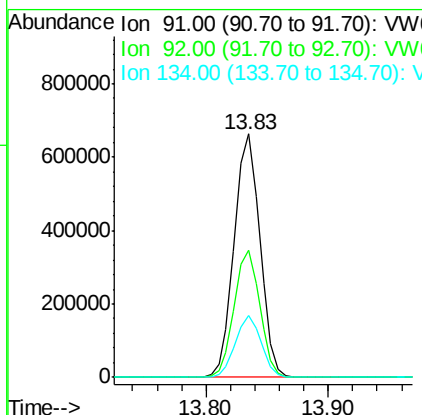
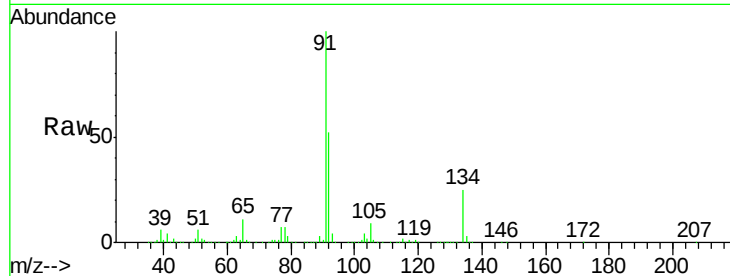
#89
n-Butylbenzene
Concen: 74.268 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	25.3	12.7	38.0

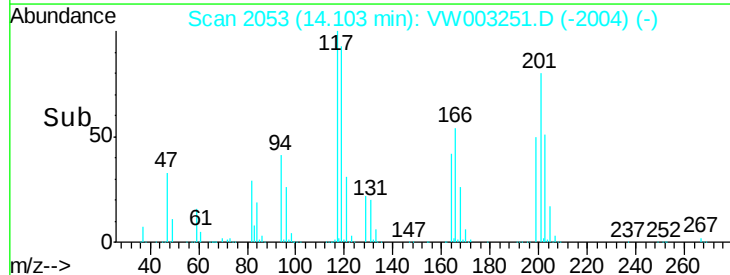
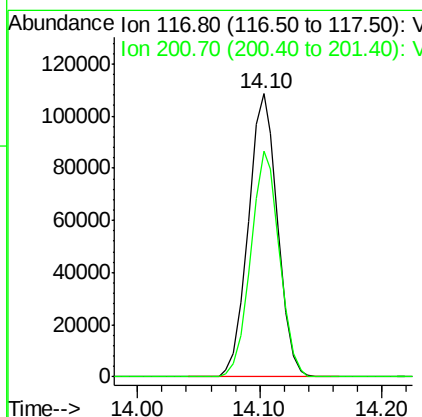
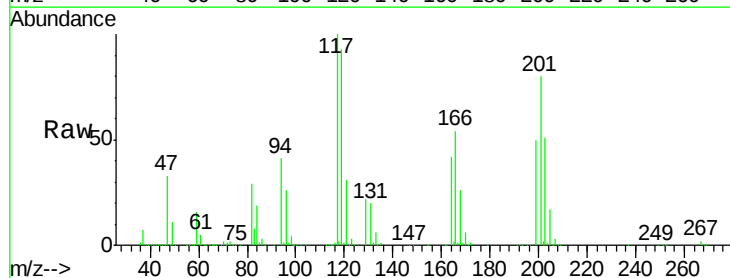
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#90
Hexachloroethane
Concen: 74.026 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	39.5	118.5





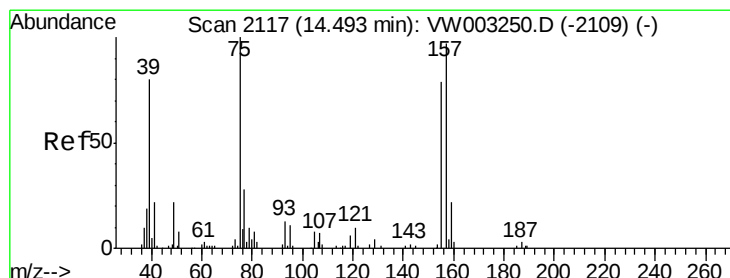
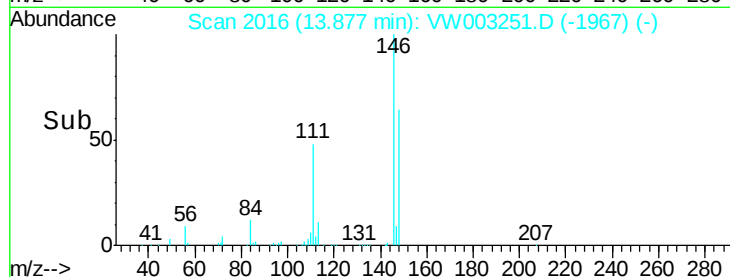
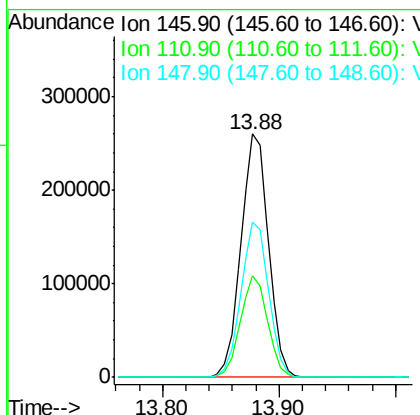
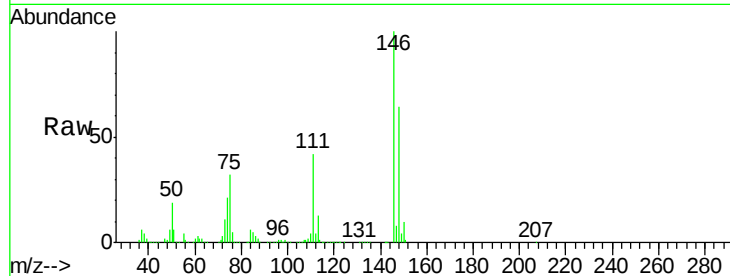
#91
 1,2-Dichlorobenzene
 Concen: 69.300 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	429743		
111	41.0	20.3	61.0	
148	64.0	32.3	96.9	

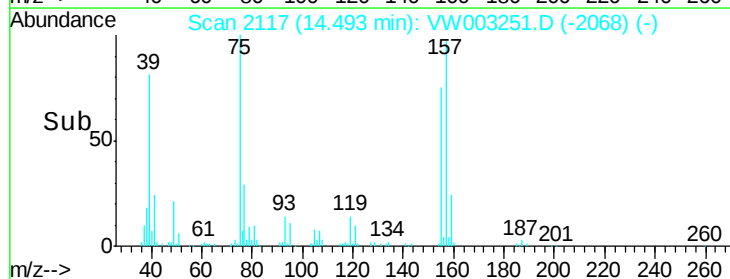
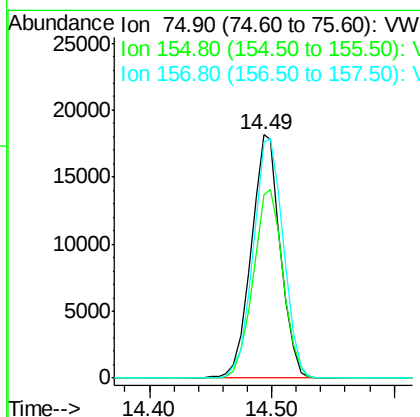
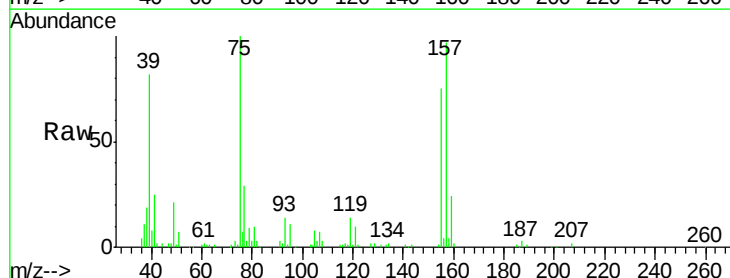
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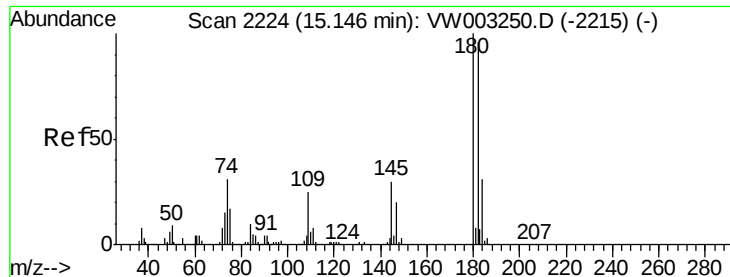
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 69.797 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29964		
155	79.7	39.4	118.2	
157	102.3	51.5	154.5	





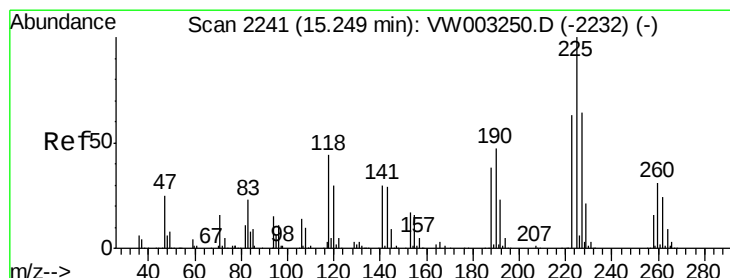
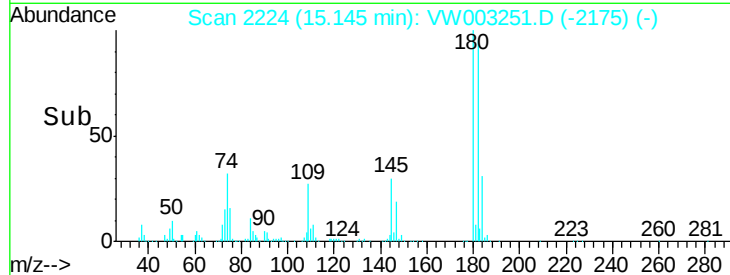
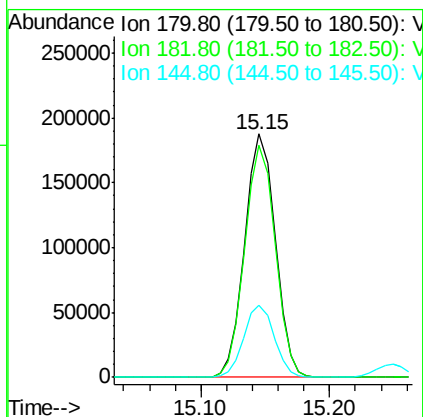
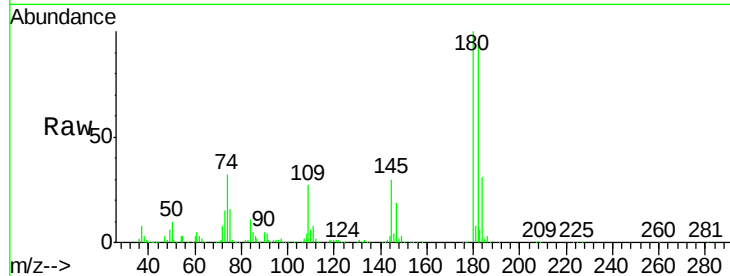
#93
 1,2,4-Trichlorobenzene
 Concen: 69.733 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	307871		
182	95.5	47.9	143.6	
145	29.7	15.2	45.5	

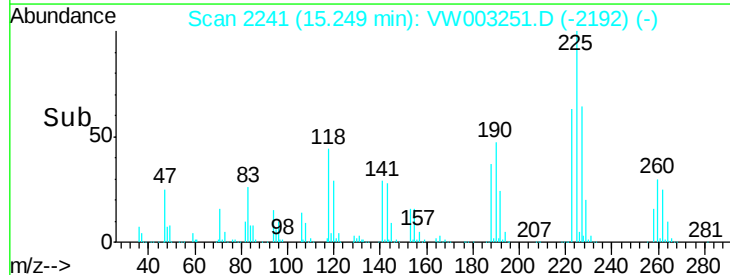
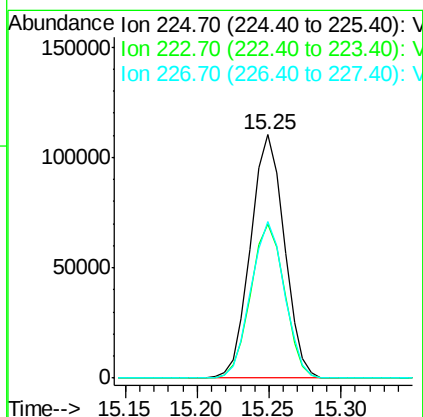
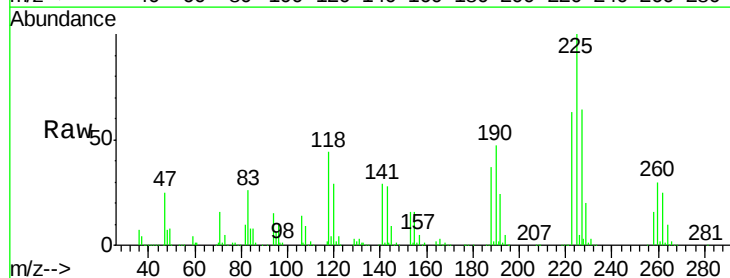
Manual Integrations
 APPROVED

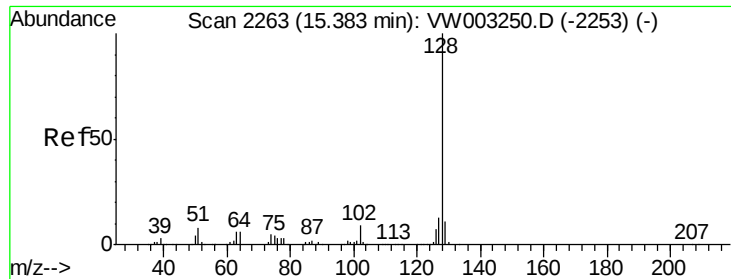
apatel
 6/14/2018 10:03:30 AM



#94
 Hexachlorobutadiene
 Concen: 69.152 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178897		
223	63.4	30.6	92.0	
227	63.9	31.7	95.1	





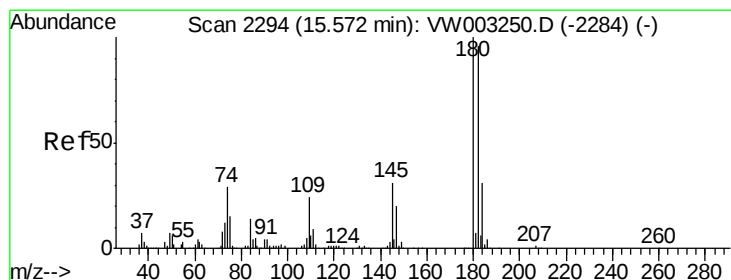
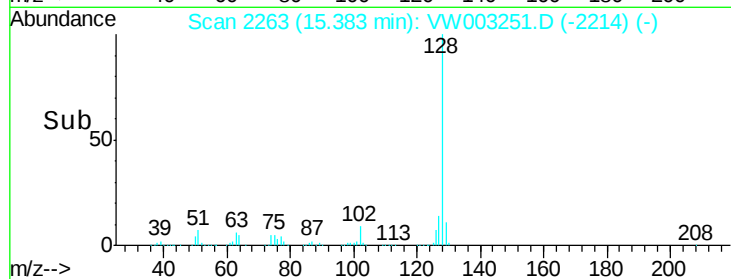
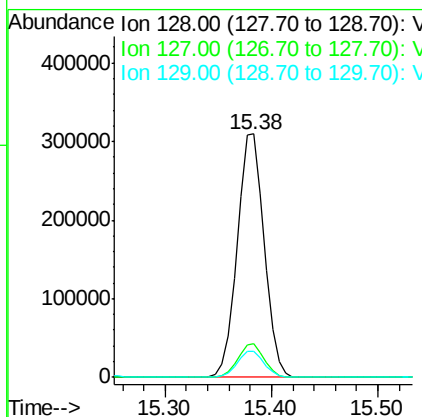
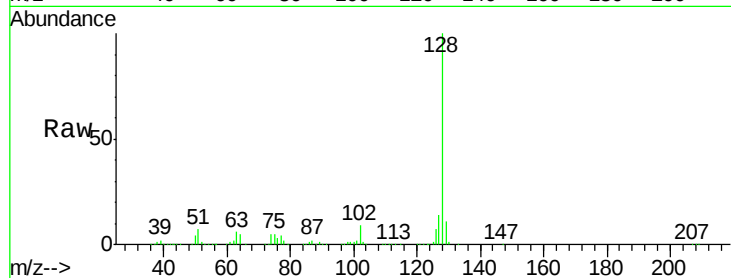
#95
Naphthalene
Concen: 70.511 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	550576		
127	13.5	10.5	15.7	
129	10.8	8.9	13.3	

Manual Integrations
APPROVED

apatel
6/14/2018 10:03:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 69.056 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	268344		
182	95.1	47.9	143.6	
145	31.5	15.8	47.4	

