

Data File : VW003252.D
Acq On : 13 Jun 2018 18:15
Operator : VA/AP
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

apatel
6/14/2018 10:03:34 AM

Quant Time: Jun 14 08:13:01 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	287411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	441718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	406382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211460	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	316448	111.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	222.92%	
35) Dibromofluoromethane	7.88	113	284162	108.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.88%	
50) Toluene-d8	10.33	98	1155209	114.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	228.08%	
62) 4-Bromofluorobenzene	12.63	95	413408	112.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	224.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	87693	105.071	ug/l	95
3) Chloromethane	2.21	50	209412	95.033	ug/l	95
4) Vinyl Chloride	2.36	62	304278	89.312	ug/l	100
5) Bromomethane	2.78	94	202240	82.024	ug/l	97
6) Chloroethane	2.92	64	217406	84.406	ug/l	99
7) Trichlorofluoromethane	3.25	101	180962	94.880	ug/l	95
8) Diethyl Ether	3.68	74	132804	87.921	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	254236	98.971	ug/l	99
10) Methyl Iodide	4.26	142	389203	92.355	ug/l	99
11) Tert butyl alcohol	5.25	59	93667	503.990	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	248885	96.201	ug/l	98
13) Acrolein	3.90	56	102059	526.380	ug/l	98
14) Allyl chloride	4.66	41	445394	103.796	ug/l	100
15) Acrylonitrile	5.38	53	291070	497.968	ug/l	99
16) Acetone	4.15	43	300838	530.796	ug/l	99
17) Carbon Disulfide	4.37	76	731529	93.736	ug/l	98
18) Methyl Acetate	4.68	43	148844	102.017	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	487601	100.211	ug/l	98
20) Methylene Chloride	4.91	84	263147	91.777	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	276590	98.140	ug/l	100
22) Diisopropyl ether	6.31	45	924334	105.659	ug/l	98
23) Vinyl Acetate	6.26	43	2769027	537.732	ug/l	100
24) 1,1-Dichloroethane	6.21	63	525335	101.898	ug/l	99
25) 2-Butanone	7.19	43	406508	522.915	ug/l	98
26) 2,2-Dichloropropane	7.17	77	335106	105.412	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	306308	98.944	ug/l	99
28) Bromochloromethane	7.51	49	238828	114.802	ug/l	99
29) Tetrahydrofuran	7.54	42	259993	518.589	ug/l	99
30) Chloroform	7.68	83	540216	101.944	ug/l	100
31) Cyclohexane	7.96	56	471076	96.759	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	444927	103.648	ug/l	99
36) 1,1-Dichloropropene	8.09	75	422804	101.849	ug/l	100
37) Ethyl Acetate	7.26	43	176443	96.710	ug/l	99
38) Carbon Tetrachloride	8.07	117	423000	104.396	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	514207	104.563	ug/l	99
40) Benzene	8.32	78	1159770	99.773	ug/l	100
41) Methacrylonitrile	7.49	41	113628	108.600	ug/l	99
42) 1,2-Dichloroethane	8.40	62	362727	100.365	ug/l	99
43) Isopropyl Acetate	8.43	43	363829	103.124	ug/l	99
44) Trichloroethene	9.09	130	306757	98.056	ug/l	100
45) 1,2-Dichloropropane	9.37	63	298761	102.366	ug/l	97
46) Dibromomethane	9.46	93	153302	98.276	ug/l	99
47) Bromodichloromethane	9.65	83	397135	104.255	ug/l	99
48) Methyl methacrylate	9.44	41	177616	105.920	ug/l	98
49) 1,4-Dioxane	9.49	88	51319	2122.788	ug/l	95
51) 4-Methyl-2-Pentanone	10.22	43	943547	526.232	ug/l	99
52) Toluene	10.39	92	756273	101.398	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	423010	107.832	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	473595	106.139	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	216334	100.361	ug/l	98
56) Ethyl methacrylate	10.65	69	295530	110.617	ug/l	99
57) 1,3-Dichloropropane	10.94	76	375022	100.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	626898	514.455	ug/l	98
59) 2-Hexanone	10.98	43	672344	551.016	ug/l	98
60) Dibromochloromethane	11.13	129	269044	103.793	ug/l	100
61) 1,2-Dibromoethane	11.24	107	209120	100.686	ug/l	100
64) Tetrachloroethene	10.87	164	264404	91.875	ug/l	98
65) Chlorobenzene	11.66	112	831057	99.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	299804	102.859	ug/l	99
67) Ethyl Benzene	11.74	91	1531699	103.652	ug/l	100
68) m/p-Xylenes	11.85	106	1168385	206.817	ug/l	98
69) o-Xylene	12.17	106	550914	103.410	ug/l	100
70) Styrene	12.19	104	933496	104.938	ug/l	99
71) Bromoform	12.35	173	163430	104.923	ug/l #	99
73) Isopropylbenzene	12.47	105	1557931	106.430	ug/l	100
74) N-amyl acetate	12.28	43	375619	111.352	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	254227	101.958	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	181738m	96.910	ug/l	
77) Bromobenzene	12.76	156	345573	100.139	ug/l	98
78) n-propylbenzene	12.81	91	1889410	108.091	ug/l	100
79) 2-Chlorotoluene	12.90	91	1047791	105.495	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1286719	105.406	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	85927	116.223	ug/l	99
82) 4-Chlorotoluene	12.99	91	1100087	103.750	ug/l	100
83) tert-Butylbenzene	13.21	119	1108397	103.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1315263	104.313	ug/l	100
85) sec-Butylbenzene	13.40	105	1616075	105.884	ug/l	100
86) p-Isopropyltoluene	13.51	119	1441034	105.591	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	702558	101.121	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	686503	98.932	ug/l	100
89) n-Butylbenzene	13.83	91	1392295	107.816	ug/l	100
90) Hexachloroethane	14.10	117	258798	106.778	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	612442	98.997	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43291	101.080	ug/l	98

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

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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)
93) 1,2,4-Trichlorobenzene	15.15	180	438461	99.549	ug/l	99
94) Hexachlorobutadiene	15.25	225	255569	99.024	ug/l	99
95) Naphthalene	15.38	128	791744	101.639	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	380185	98.069	ug/l	99

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

Data File : VW003252.D

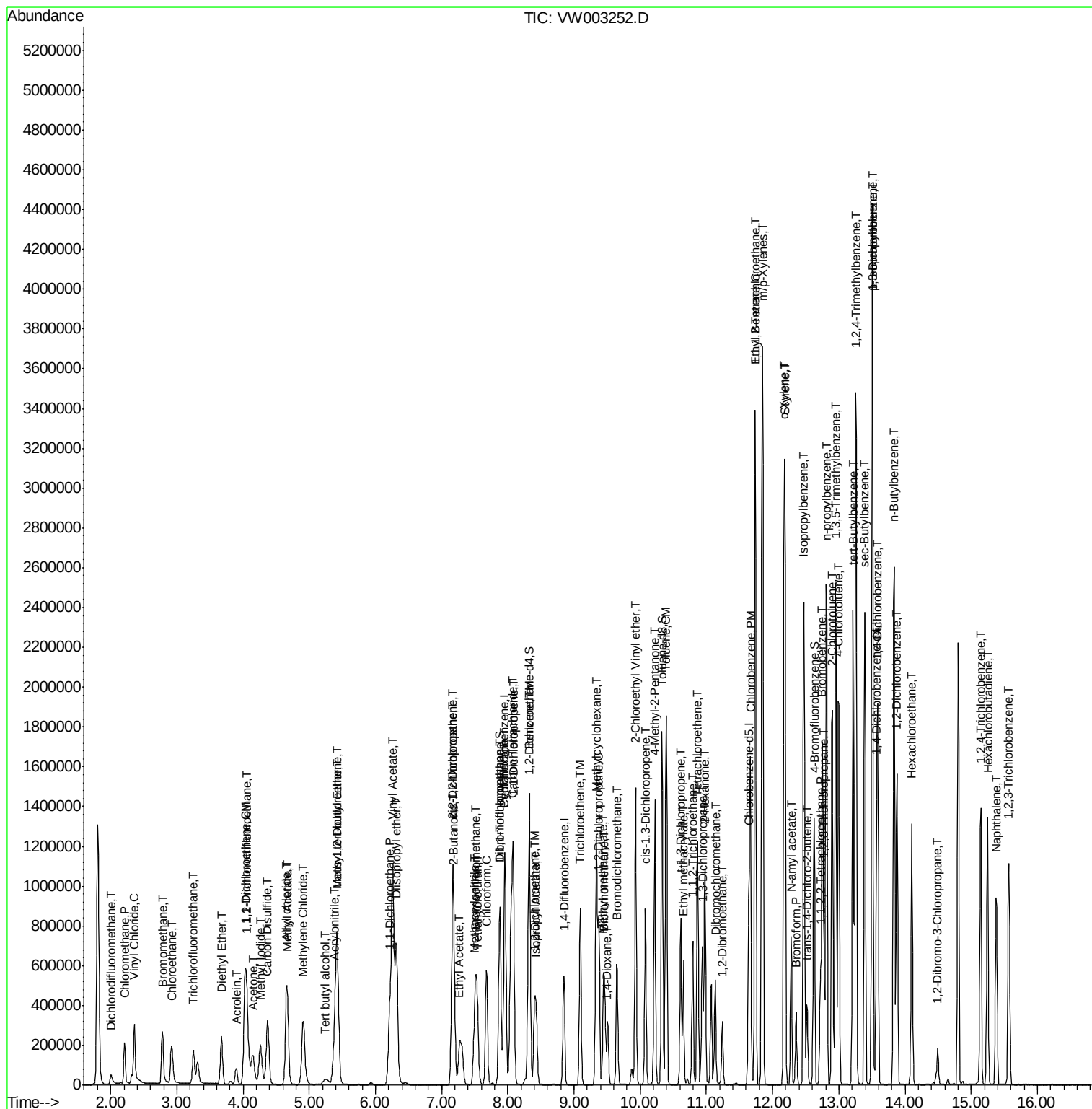
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Acq On       : 13 Jun 2018   18:15
Operator    : VA/AP
Sample      : VSTDICC100
Misc       : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial    : 9      Sample Multiplier: 1
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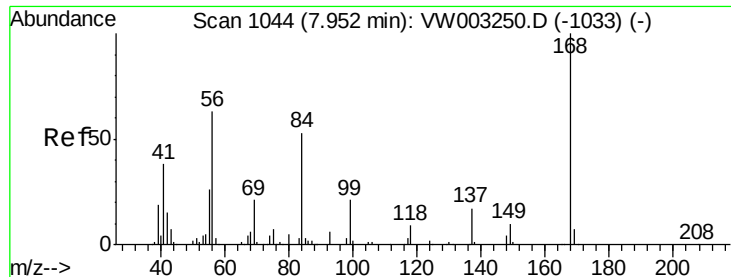
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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6/14/2018 10:03:34 AM

Quant Time: Jun 14 08:13:01 2018
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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: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tgt Ion: 168 Resp: 287411

Ion Ratio Lower Upper

168 100

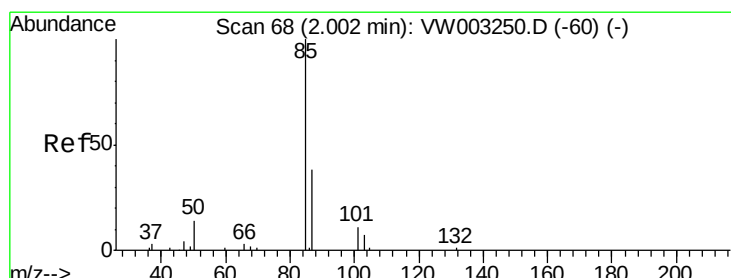
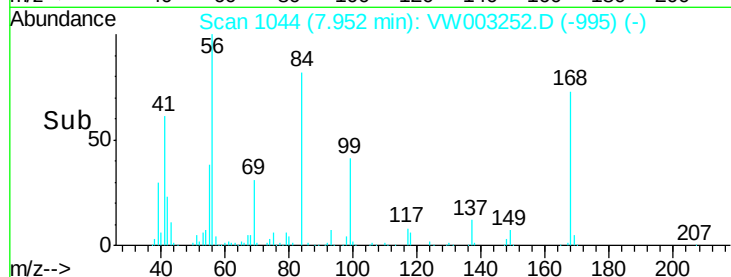
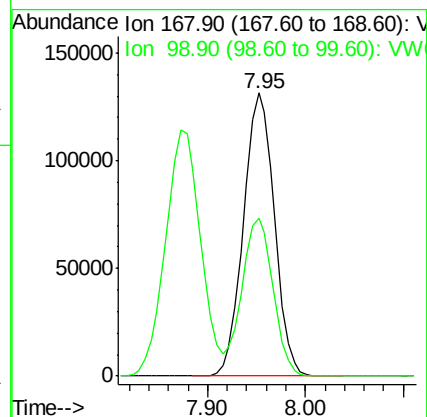
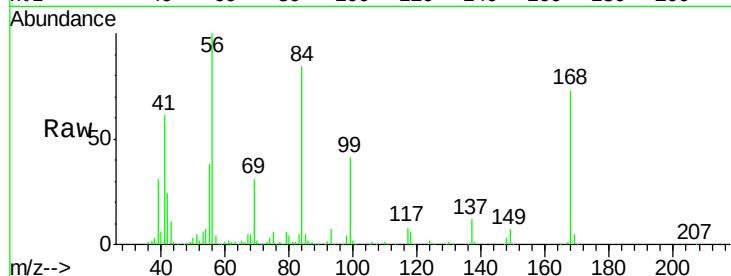
99 55.6 45.5 68.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 105.071 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003252.D

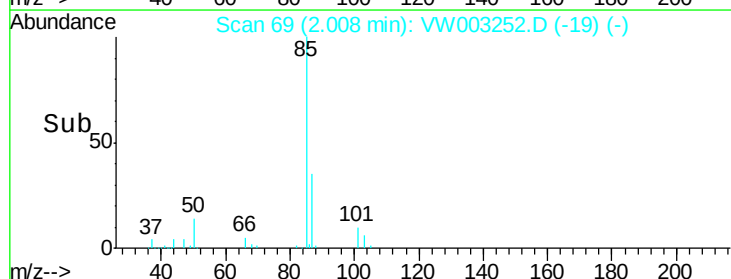
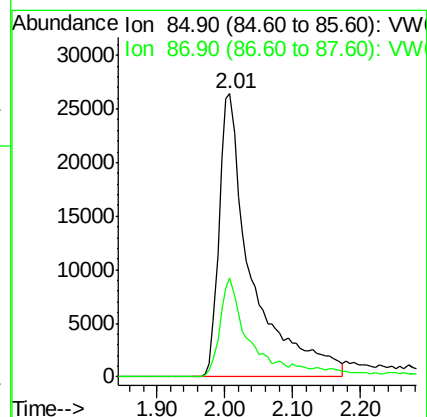
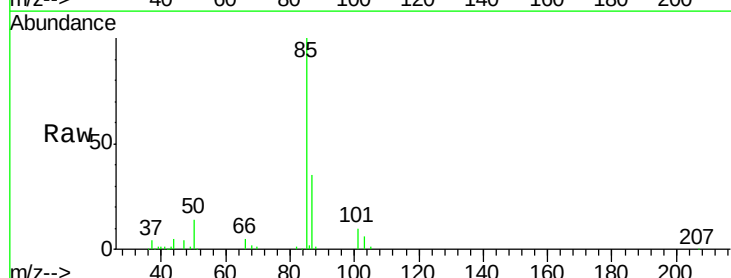
Acq: 13 Jun 2018 18:15

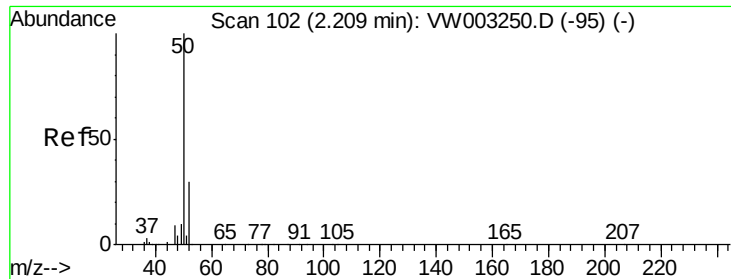
Tgt Ion: 85 Resp: 87693

Ion Ratio Lower Upper

85 100

87 35.0 18.9 56.7





#3

Chloromethane

Concen: 95.033 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 209412

Ion Ratio Lower Upper

50 100

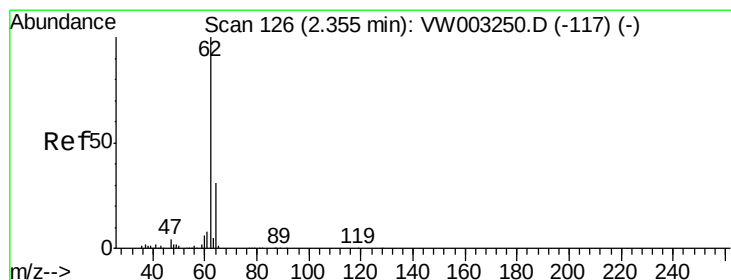
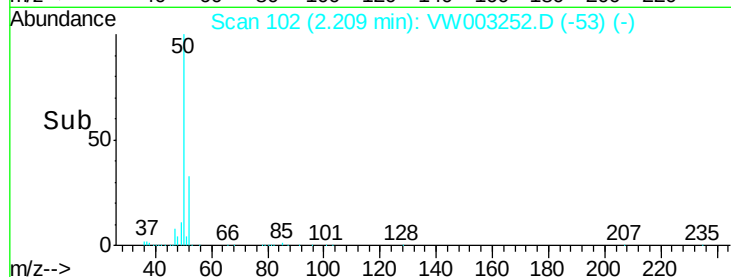
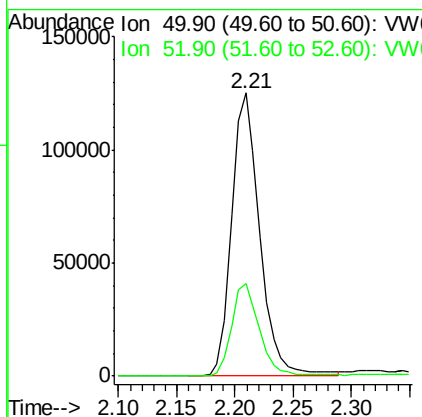
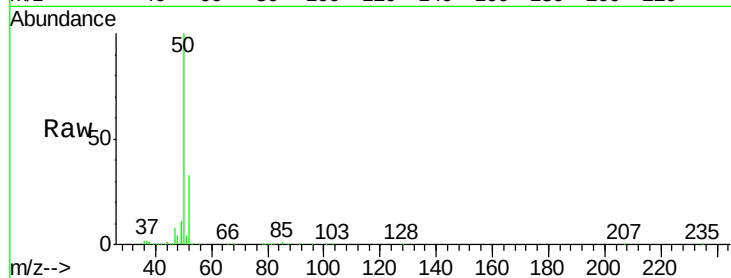
52 32.8 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 89.312 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003252.D

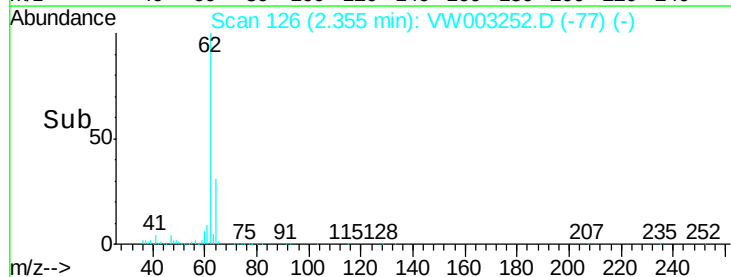
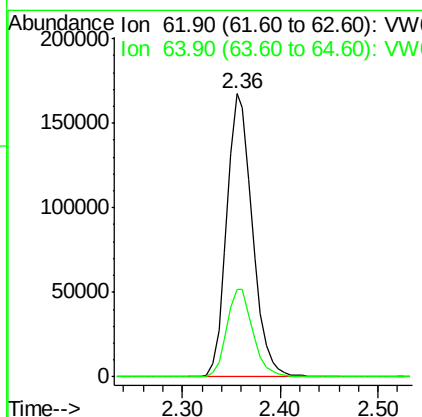
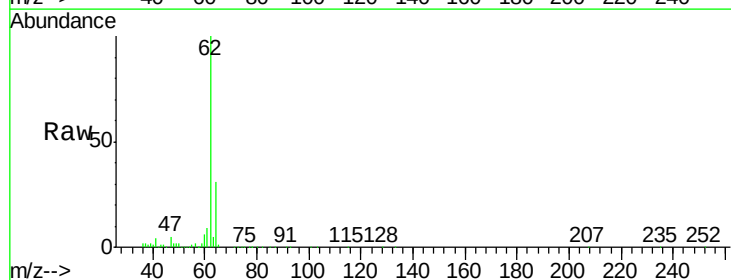
Acq: 13 Jun 2018 18:15

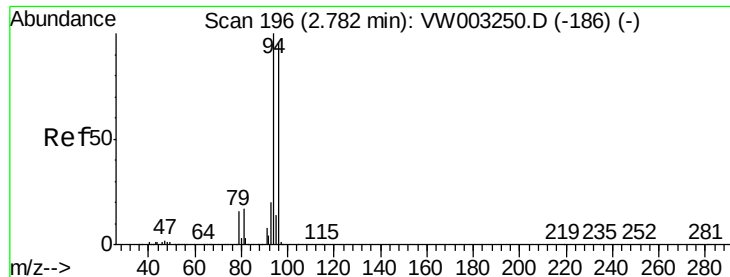
Tgt Ion: 62 Resp: 304278

Ion Ratio Lower Upper

62 100

64 31.1 24.9 37.3





#5

Bromomethane

Concen: 82.024 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 94 Resp: 202240

Ion Ratio Lower Upper

94 100

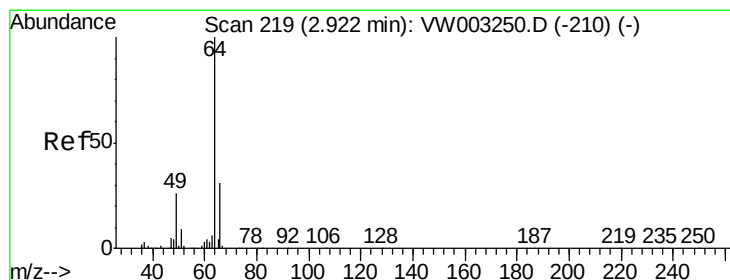
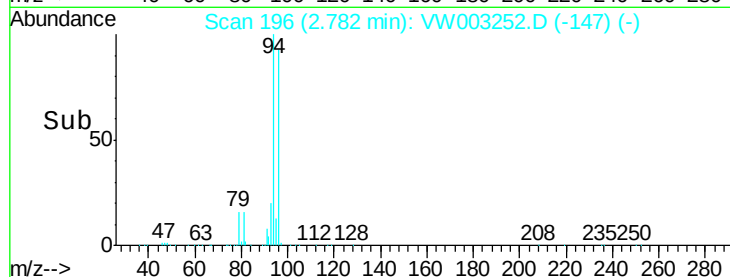
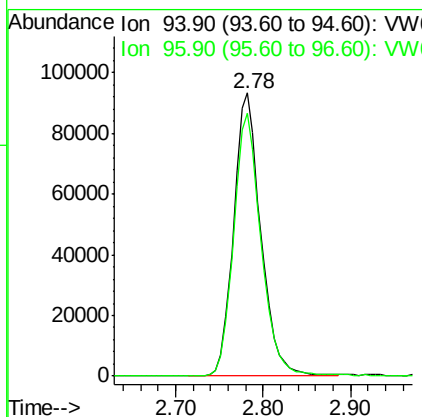
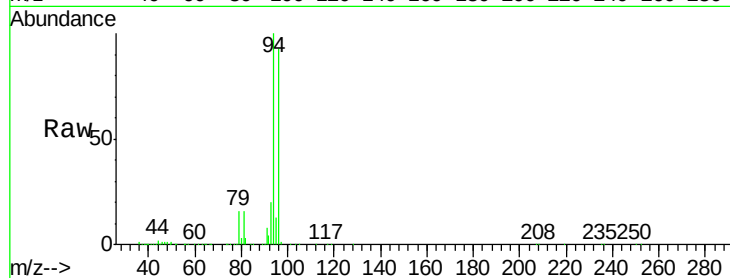
96 92.9 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 84.406 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003252.D

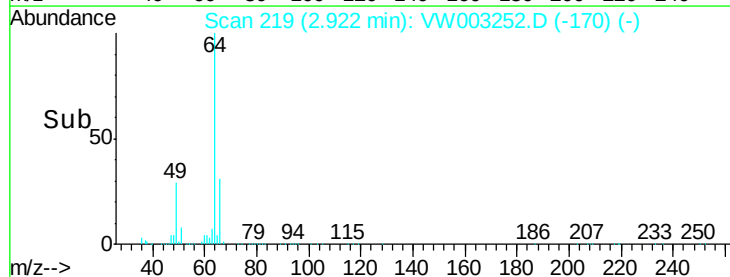
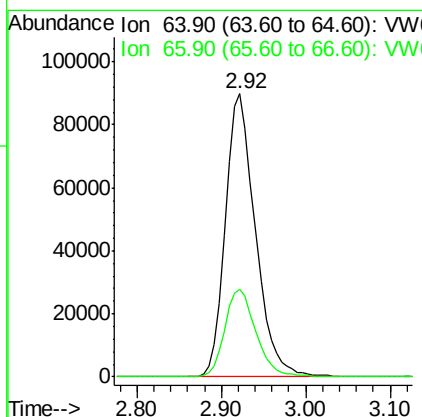
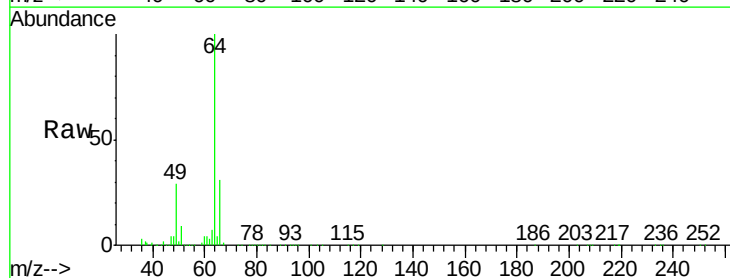
Acq: 13 Jun 2018 18:15

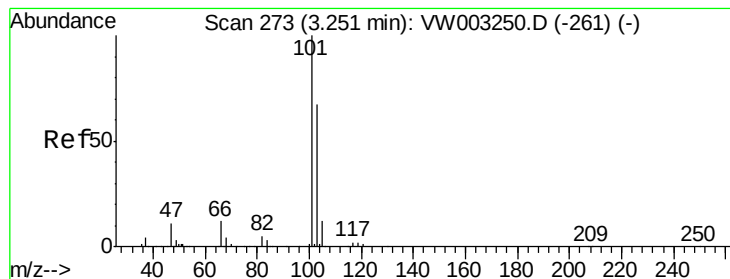
Tgt Ion: 64 Resp: 217406

Ion Ratio Lower Upper

64 100

66 30.9 24.4 36.6





#7

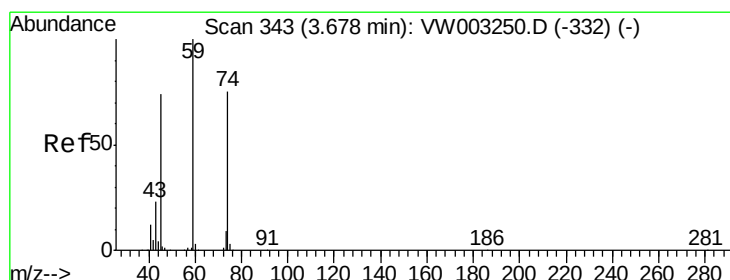
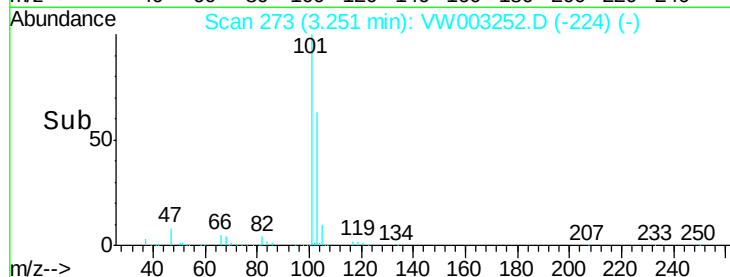
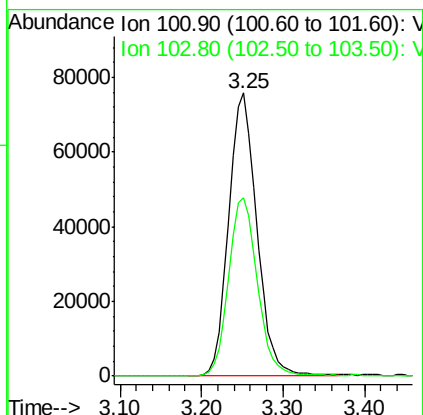
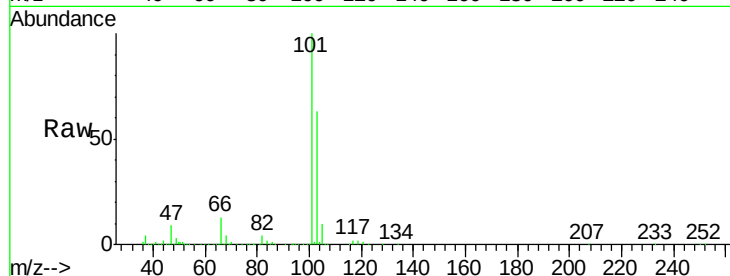
Trichlorofluoromethane
 Concen: 94.880 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.1	53.4	80.0

Manual Integrations
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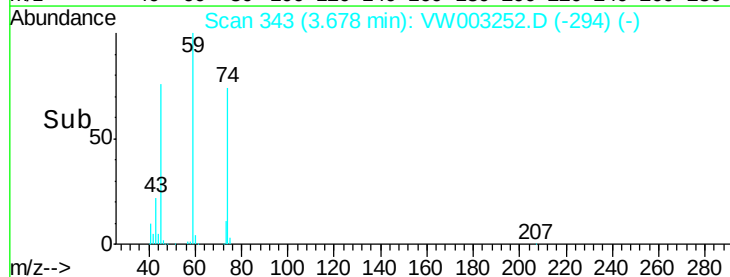
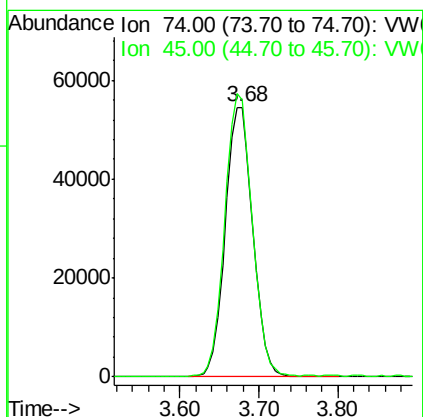
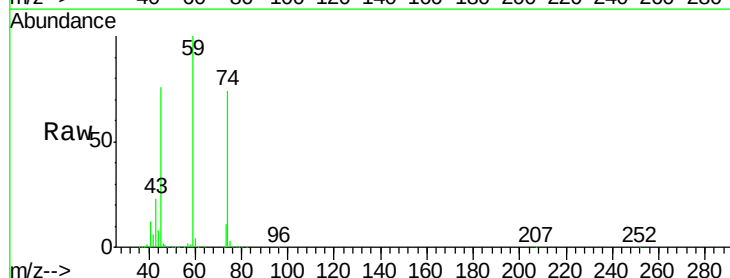
apatel
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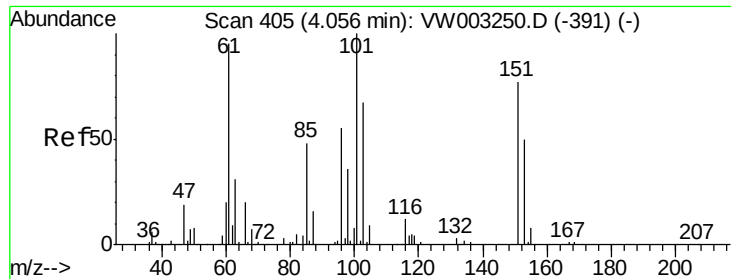


#8

Diethyl Ether
 Concen: 87.921 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.971 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

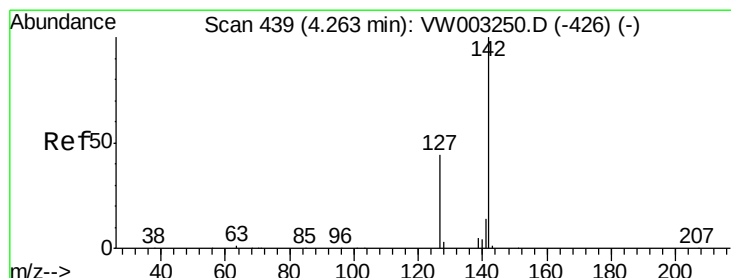
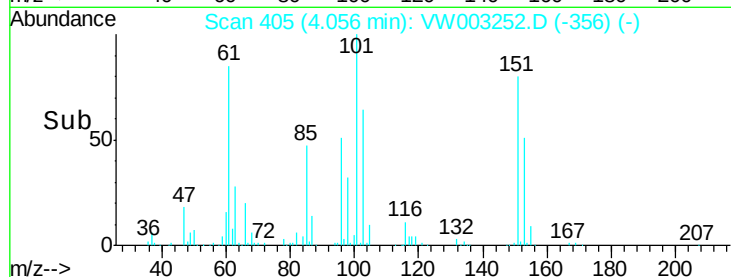
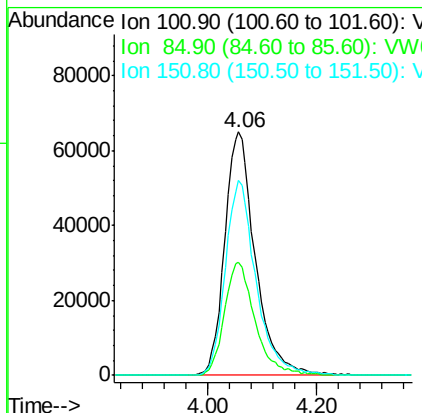
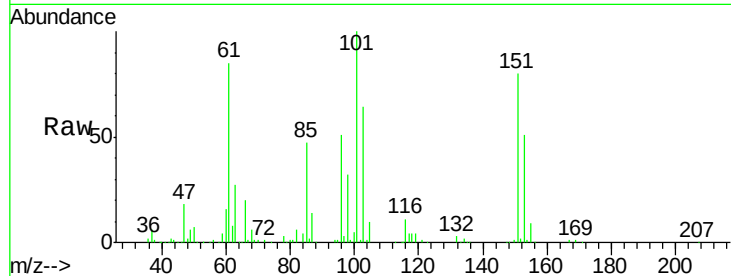
ClientSampled :

VSTDIC100

Tgt	Ion	101	Resp:	254236
Ion	Ratio	Lower	Upper	
101	100			
85	46.6	37.0	55.6	
151	80.7	63.3	94.9	

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#10

Methyl Iodide

Concen: 92.355 ug/l

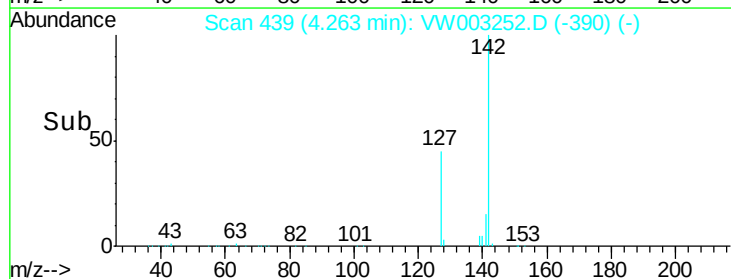
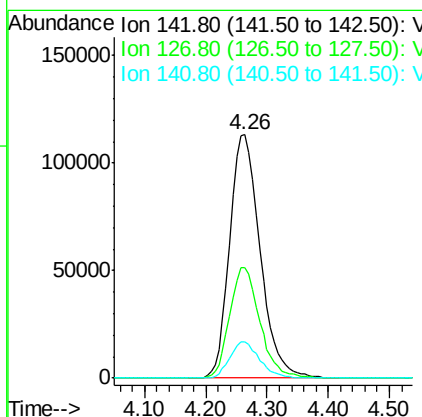
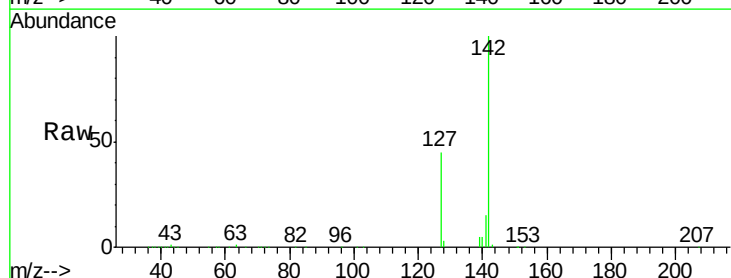
RT: 4.26 min Scan# 439

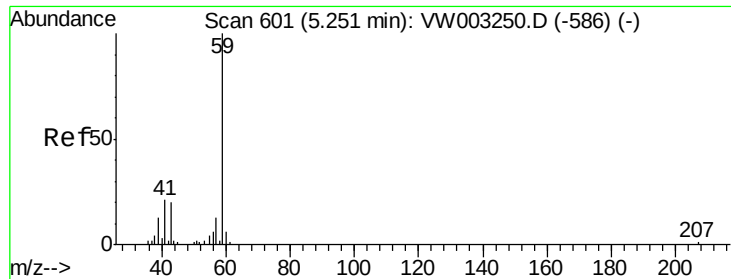
Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Tgt	Ion	142	Resp:	389203
Ion	Ratio	Lower	Upper	
142	100			
127	45.0	36.5	54.7	
141	14.6	12.1	18.1	





#11

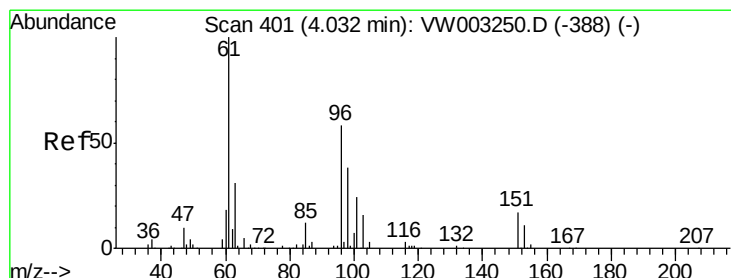
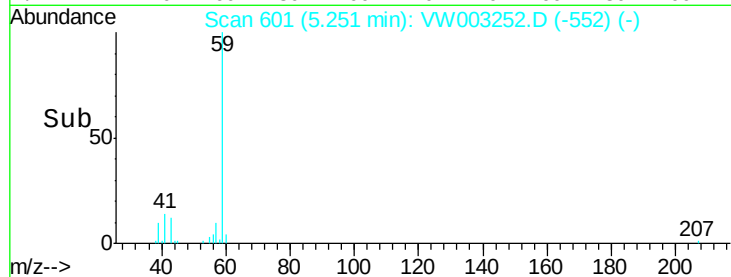
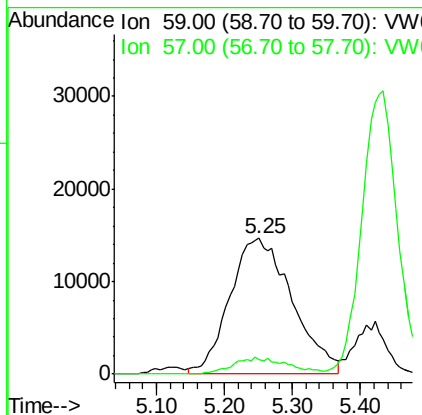
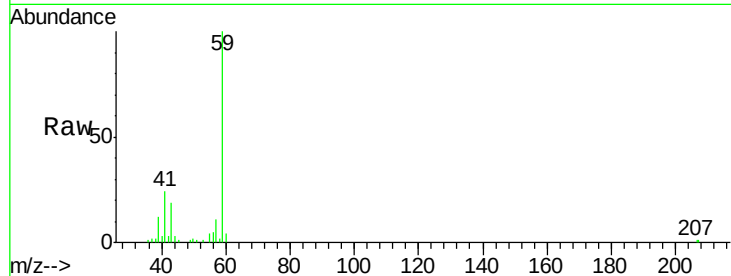
Tert butyl alcohol
Concen: 503.990 ug/l
RT: 5.25 min Scan# 601
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 93667
Ion Ratio Lower Upper
59 100
57 10.2 4.2 6.2#

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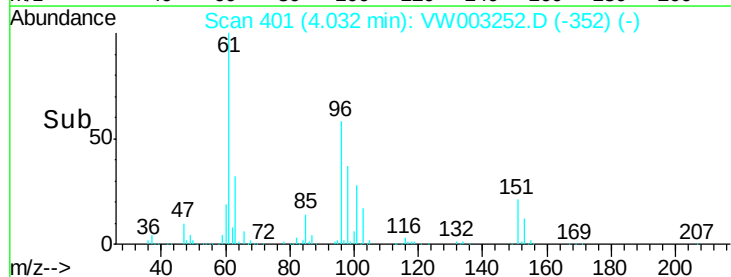
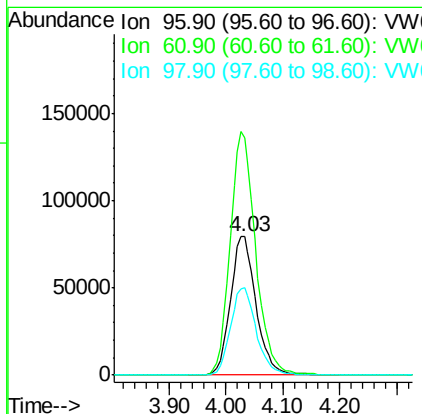
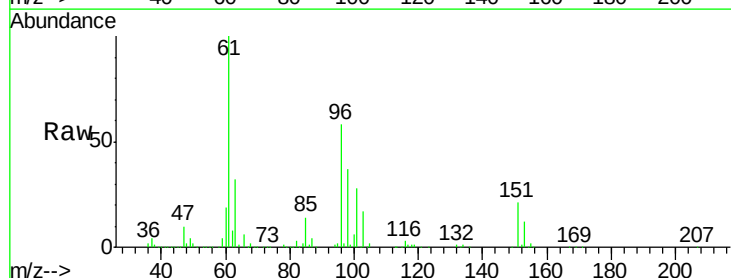
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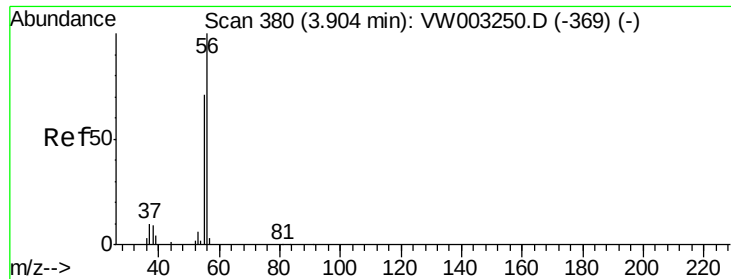


#12

1,1-Dichloroethene
Concen: 96.201 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 96 Resp: 248885
Ion Ratio Lower Upper
96 100
61 171.7 139.0 208.4
98 63.5 53.3 79.9





#13

Acrolein

Concen: 526.380 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 102059

Ion Ratio Lower Upper

56 100

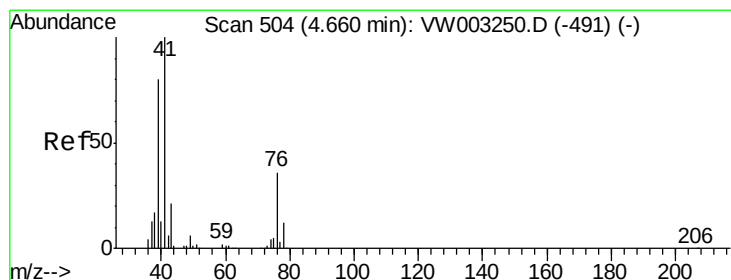
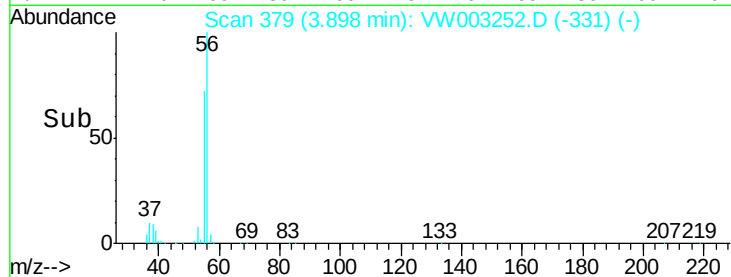
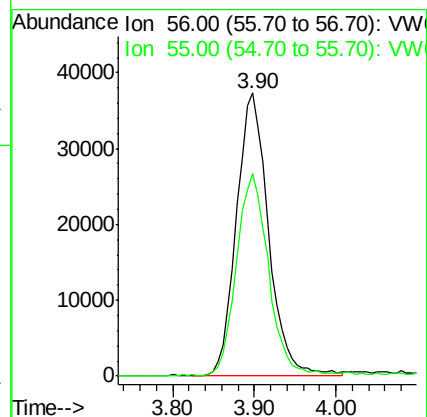
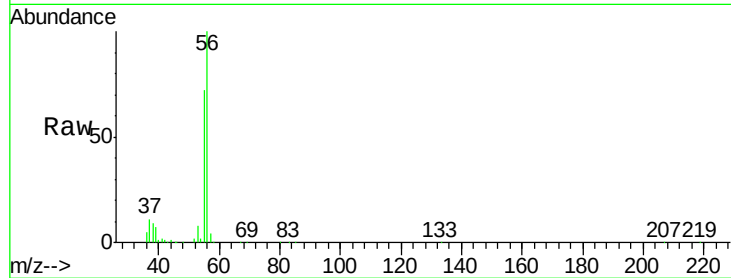
55 70.9 55.4 83.2

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#14

Allyl chloride

Concen: 103.796 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

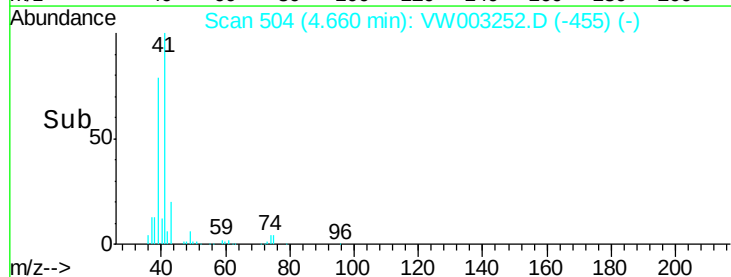
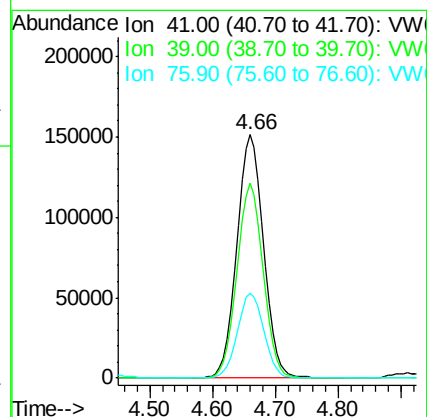
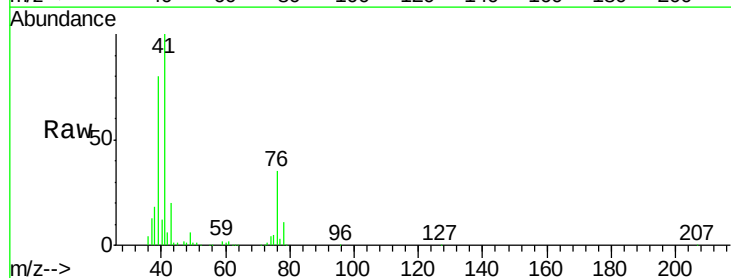
Tgt Ion: 41 Resp: 445394

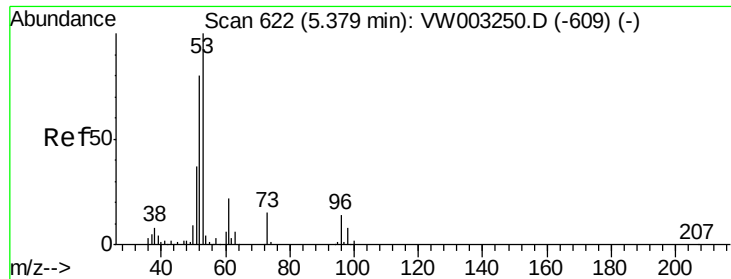
Ion Ratio Lower Upper

41 100

39 78.9 63.2 94.8

76 34.5 28.0 42.0





#15

Acrylonitrile

Concen: 497.968 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

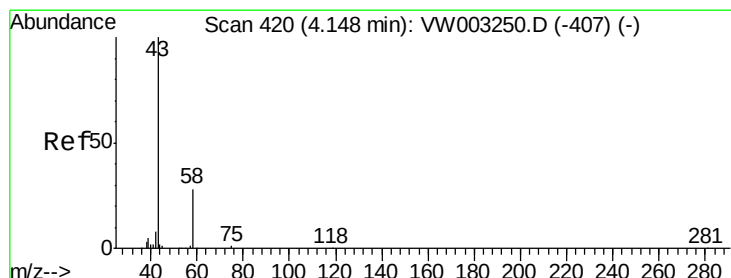
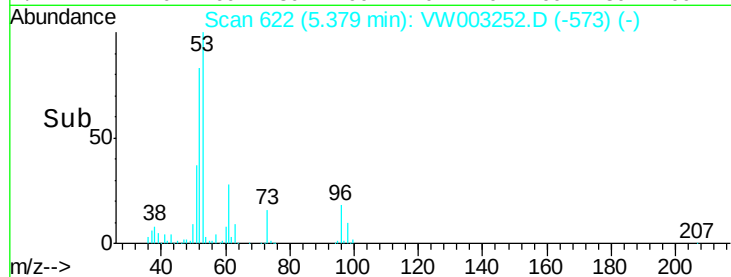
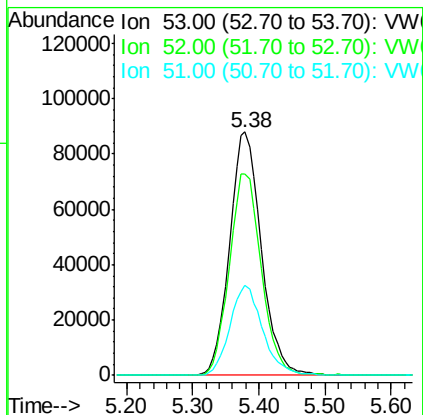
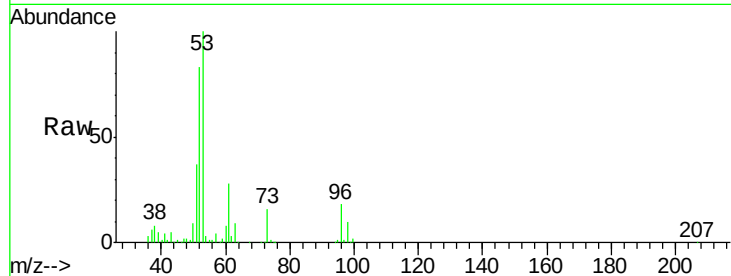
ClientSampleId :

VSTDICC100

Tgt Ion:	53	Resp:	291070
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.6	100.0
51	37.9	30.6	46.0

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#16

Acetone

Concen: 530.796 ug/l

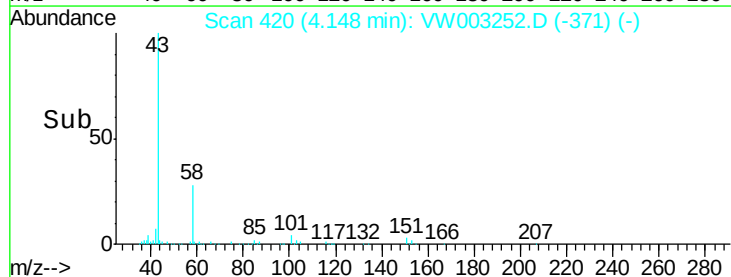
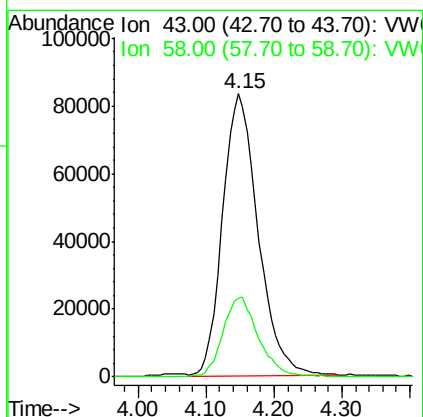
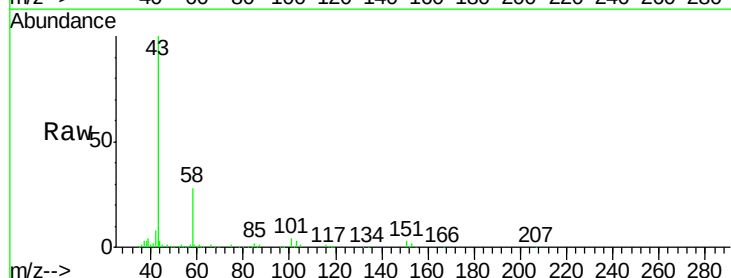
RT: 4.15 min Scan# 420

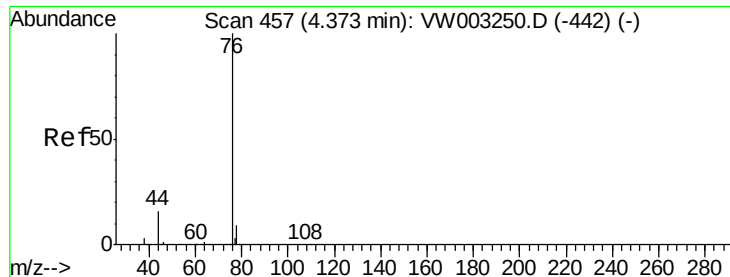
Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Tgt Ion:	43	Resp:	300838
Ion Ratio	Lower	Upper	
43	100		
58	28.0	22.6	34.0





#17

Carbon Disulfide

Concen: 93.736 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 731529

Ion Ratio Lower Upper

76 100

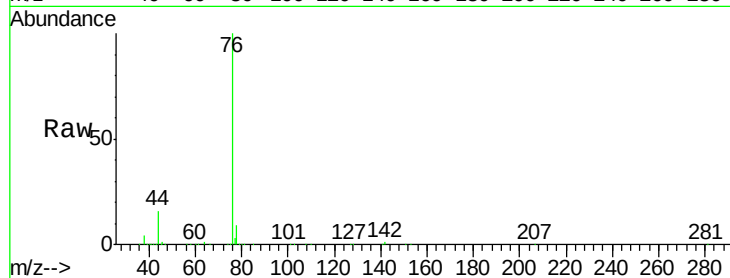
78 9.5 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

250000

200000

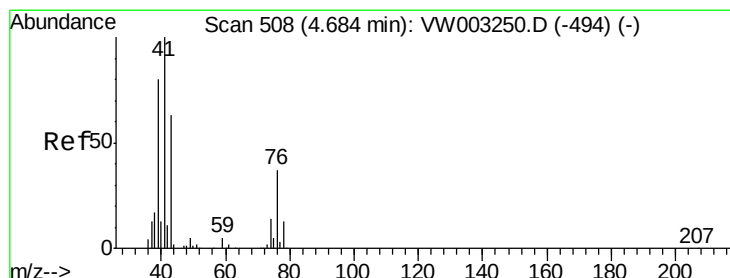
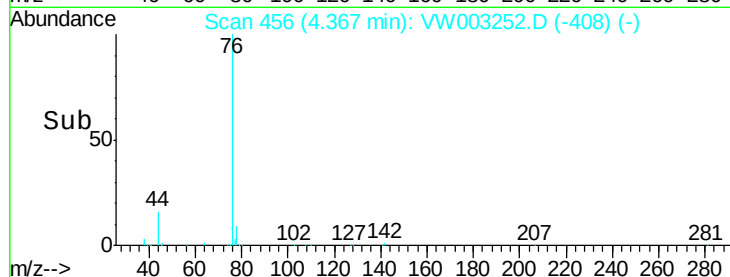
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 102.017 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003252.D

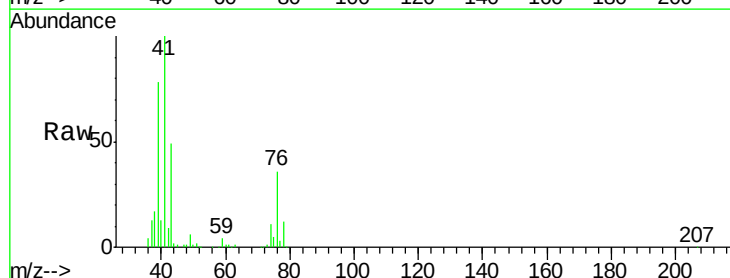
Acq: 13 Jun 2018 18:15

Tgt Ion: 43 Resp: 148844

Ion Ratio Lower Upper

43 100

74 22.6 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

50000

40000

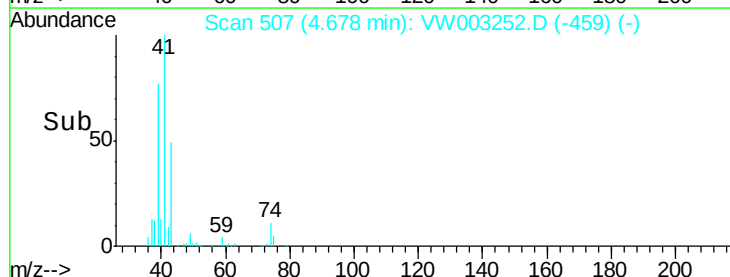
30000

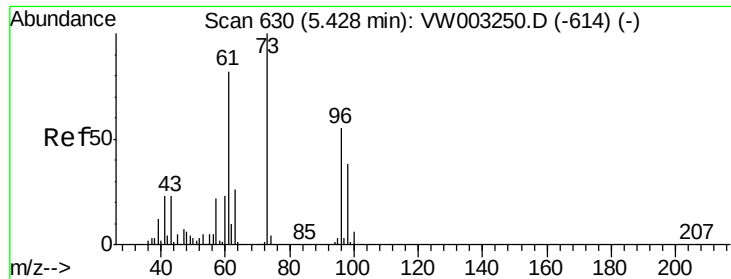
20000

10000

0

Time--> 4.50 4.60 4.70 4.80





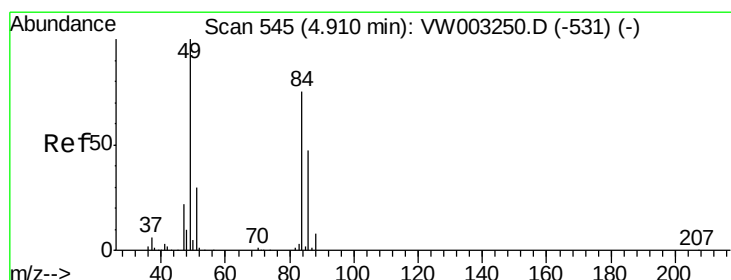
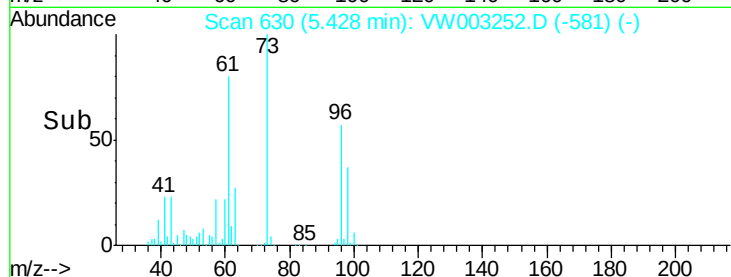
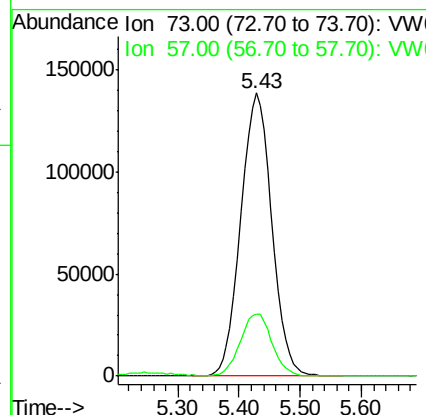
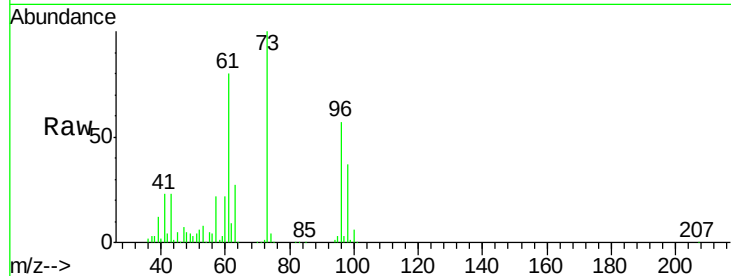
#19
Methyl tert-butyl Ether
Concen: 100.211 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 487601
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0

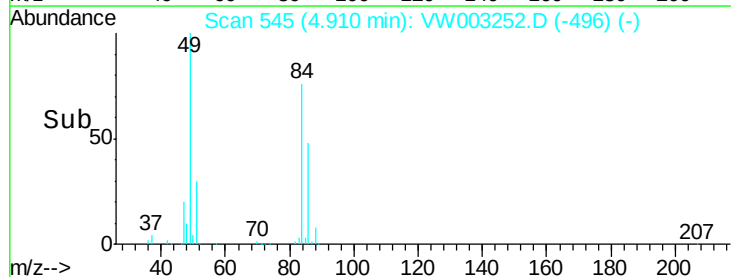
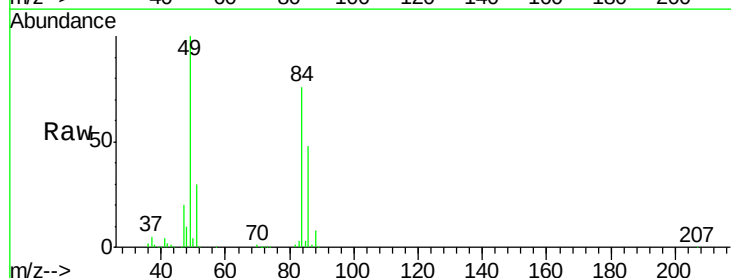
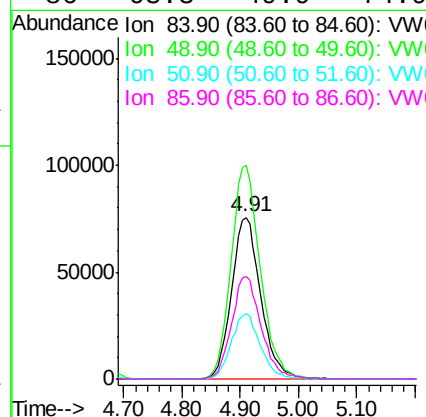
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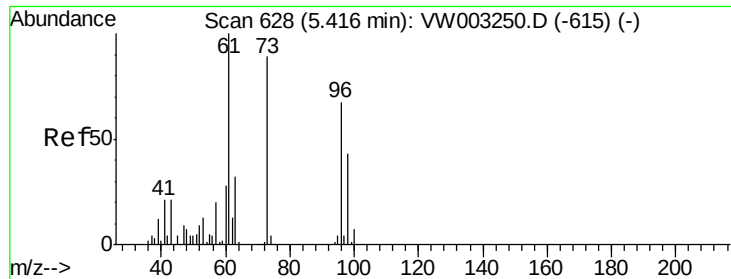
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#20
Methylene Chloride
Concen: 91.777 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 84 Resp: 263147
Ion Ratio Lower Upper
84 100
49 132.3 106.3 159.5
51 40.3 32.0 48.0
86 63.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 98.140 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

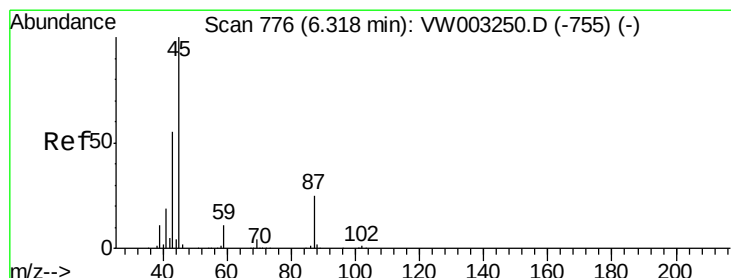
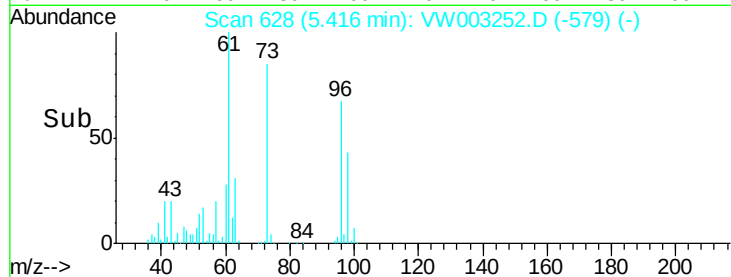
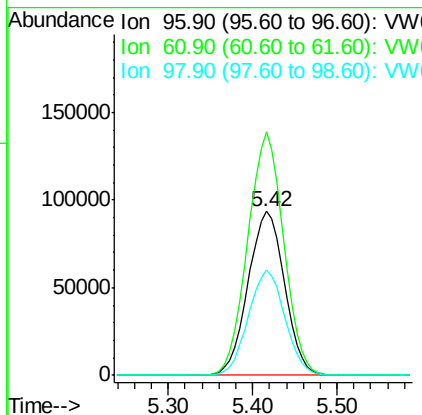
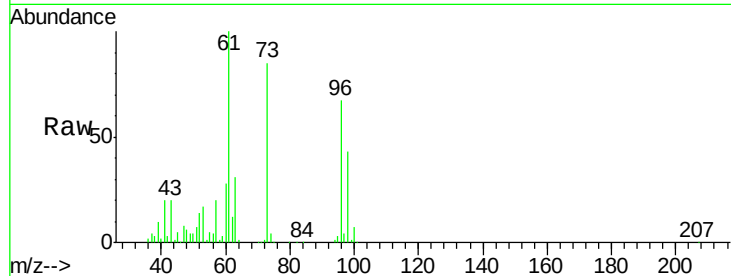
ClientSampleId :

VSTDIC100

Tgt Ion:	96	Resp:	276590
Ion	Ratio	Lower	Upper
96	100		
61	148.6	118.7	178.1
98	64.2	51.0	76.6

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#22

Diisopropyl ether

Concen: 105.659 ug/l

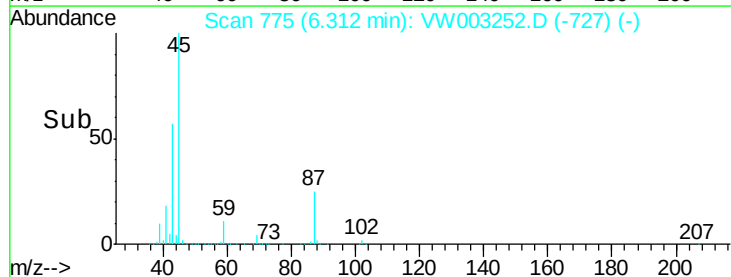
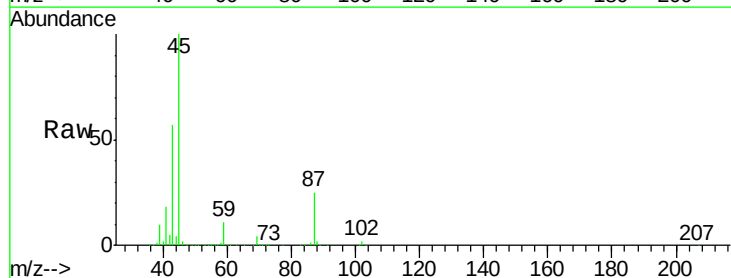
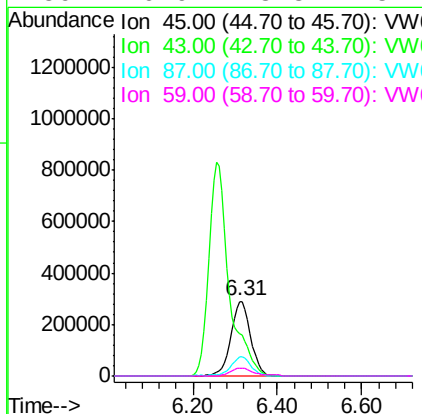
RT: 6.31 min Scan# 775

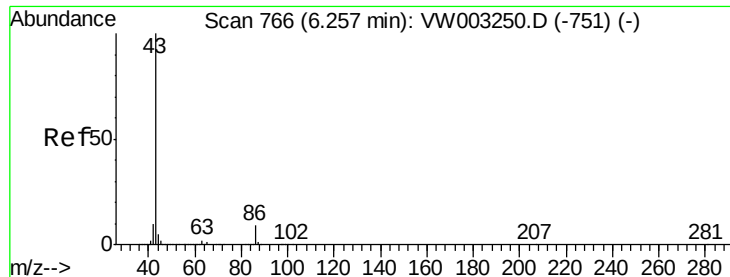
Delta R.T. -0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Tgt Ion:	45	Resp:	924334
Ion	Ratio	Lower	Upper
45	100		
43	56.5	44.0	66.0
87	24.9	20.6	31.0
59	10.9	8.8	13.2





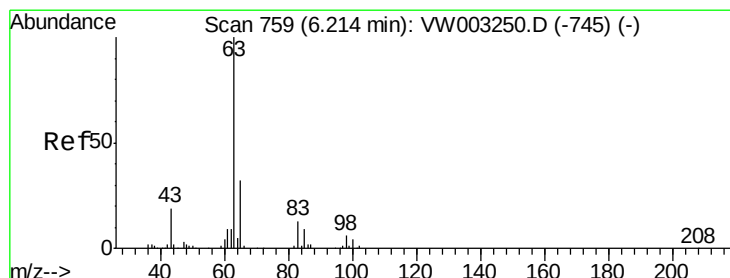
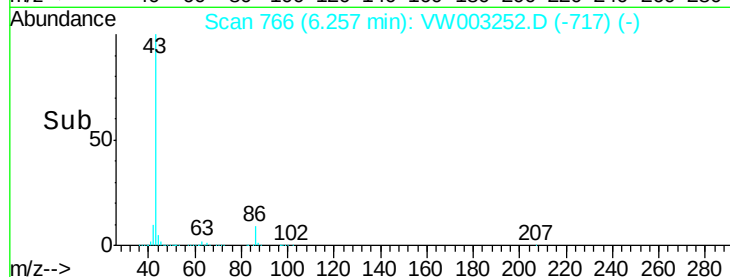
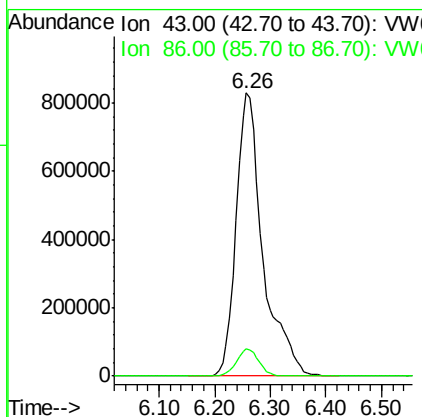
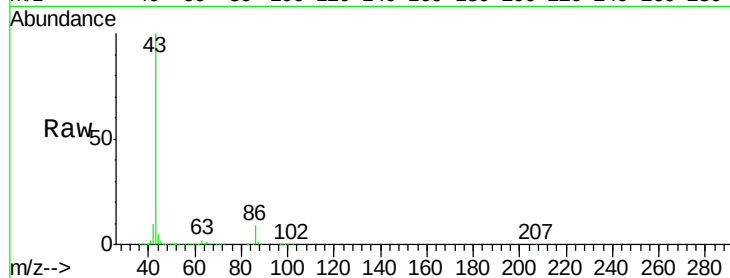
#23
 Vinyl Acetate
 Concen: 537.732 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 2769027
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

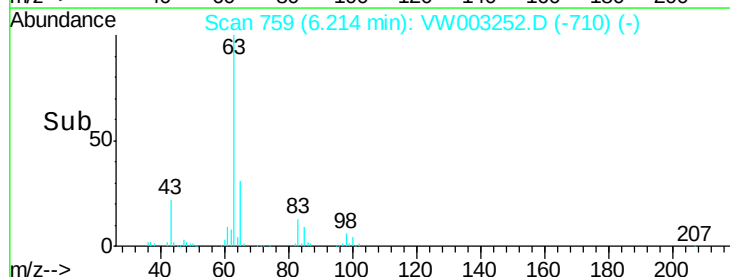
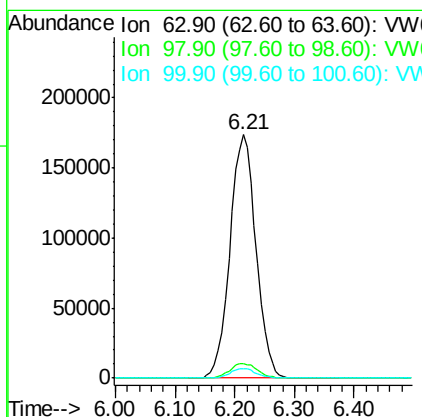
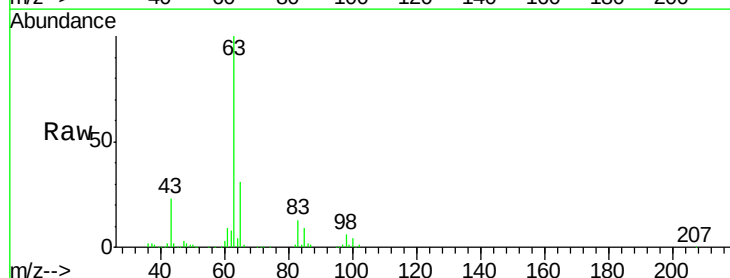
Manual Integrations
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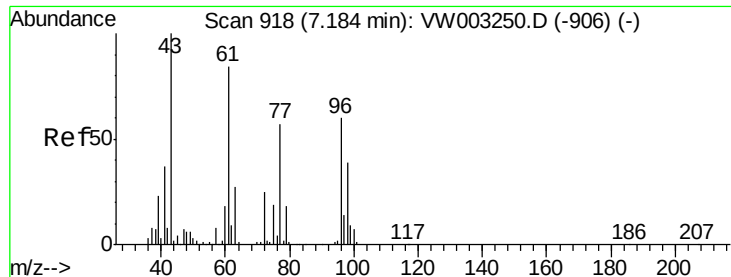
apatel
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#24
 1,1-Dichloroethane
 Concen: 101.898 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 63 Resp: 525335
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.8 8.3
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 522.915 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tgt Ion: 43 Resp: 406508

Ion Ratio Lower Upper

43 100

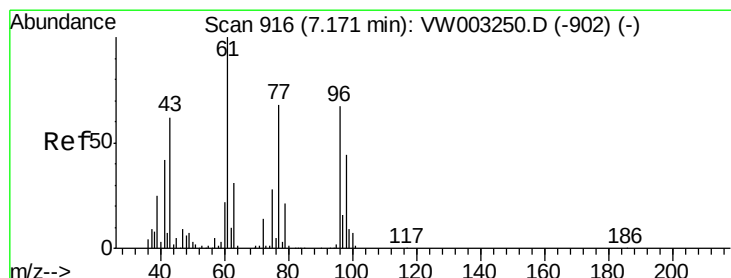
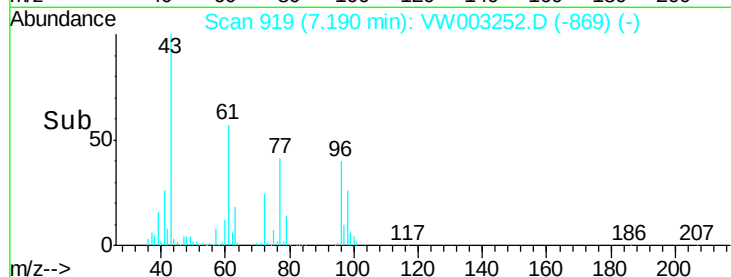
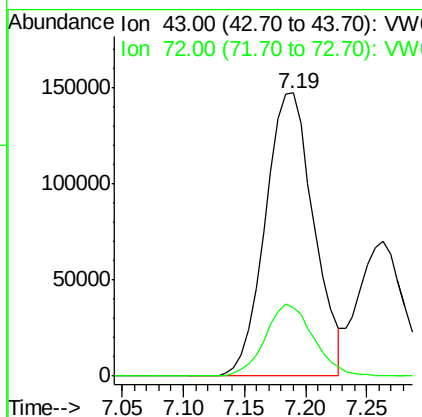
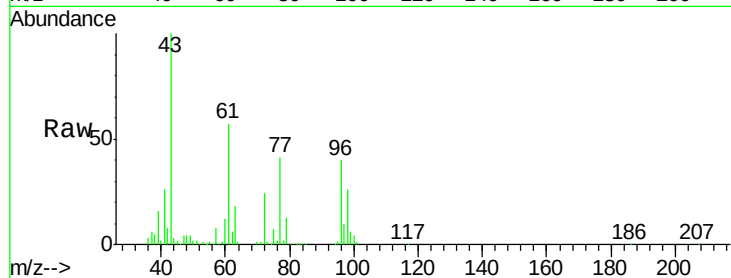
72 24.3 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 105.412 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003252.D

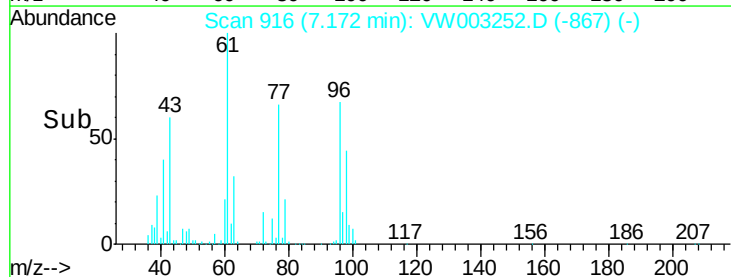
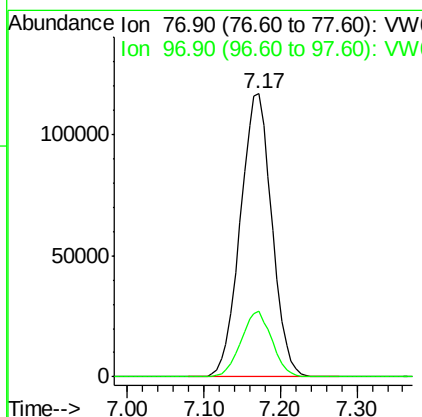
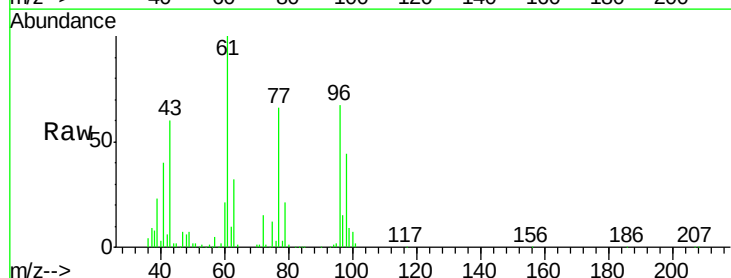
Acq: 13 Jun 2018 18:15

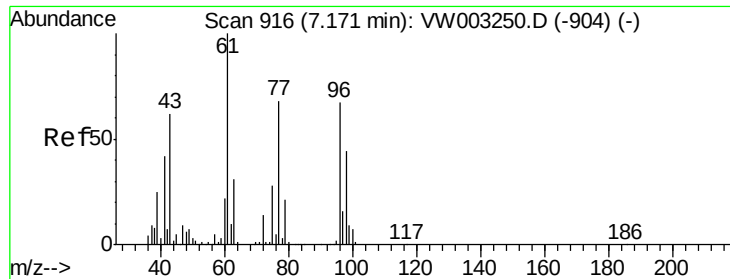
Tgt Ion: 77 Resp: 335106

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9





#27

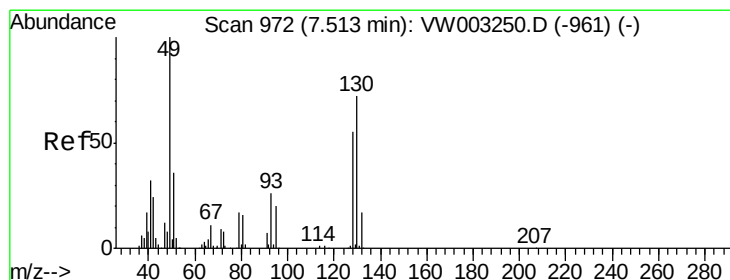
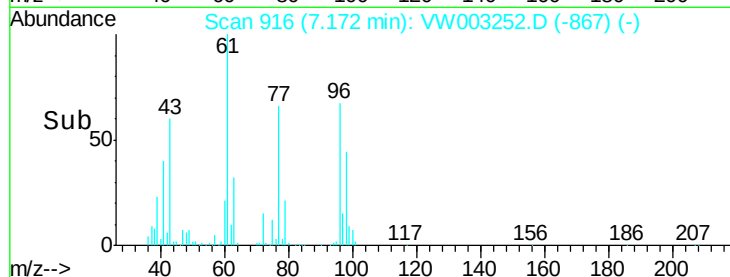
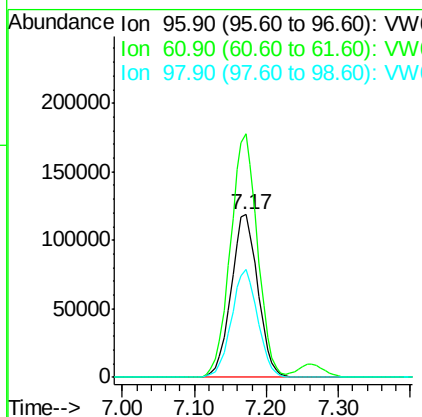
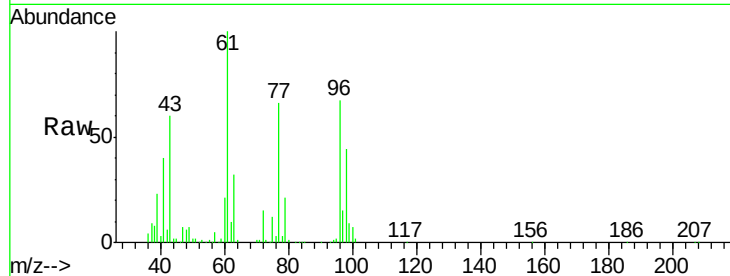
cis-1,2-Dichloroethene
Concen: 98.944 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	306308		
61	151.0	0.0	298.8	
98	64.8	0.0	130.4	

Manual Integrations
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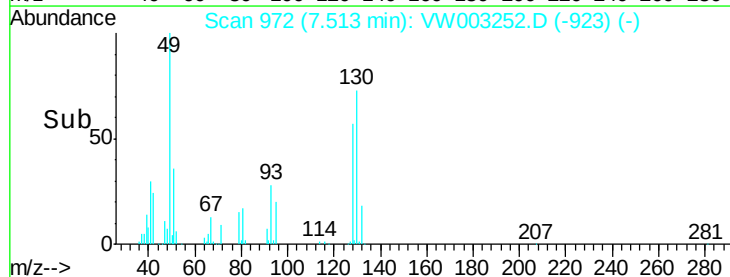
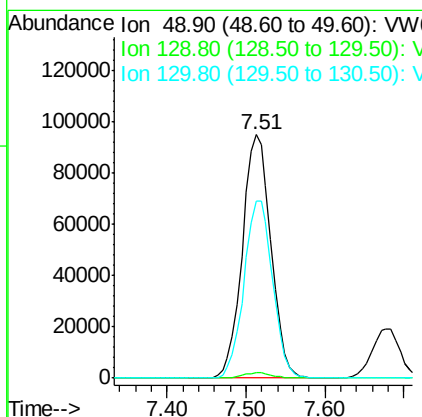
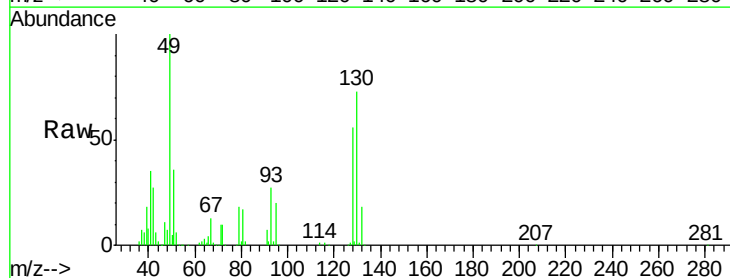
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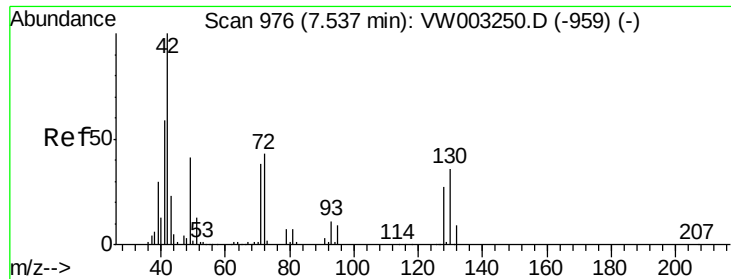


#28

Bromochloromethane
Concen: 114.802 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	238828		
129	2.0	0.0	4.6	
130	73.1	59.4	89.2	





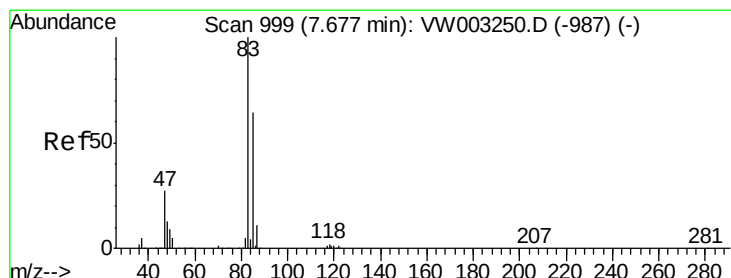
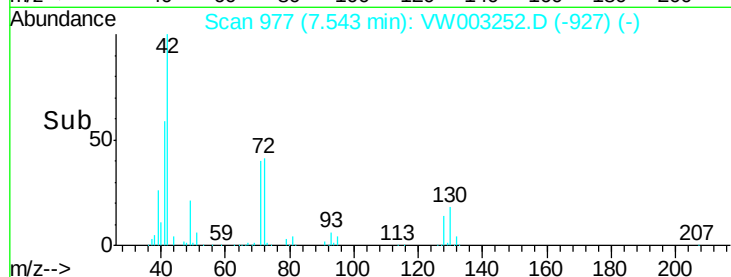
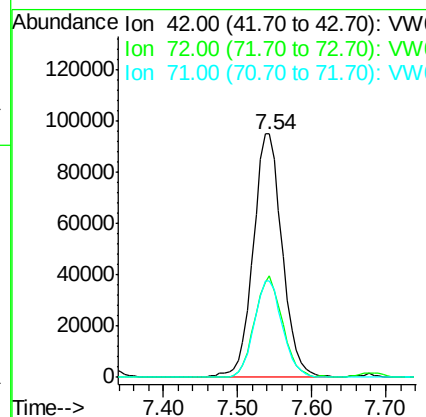
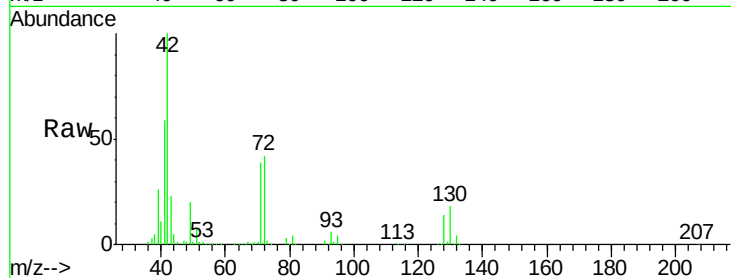
#29
Tetrahydrofuran
Concen: 518.589 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.4	48.6
71	38.7	31.2	46.8

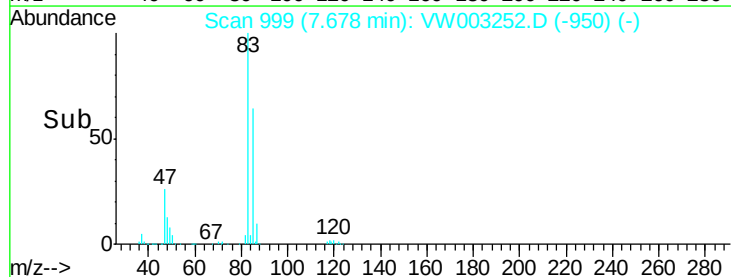
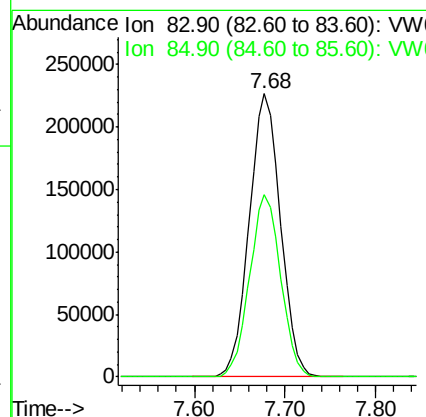
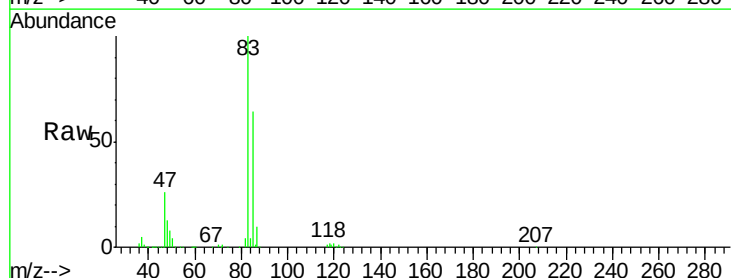
Manual Integrations
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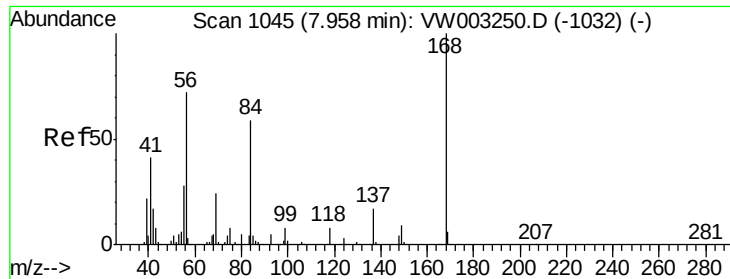
apatel
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#30
Chloroform
Concen: 101.944 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.3	76.9





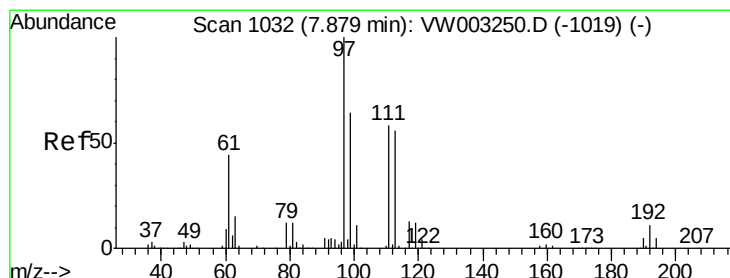
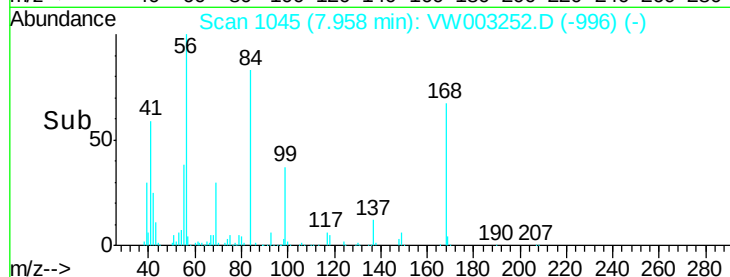
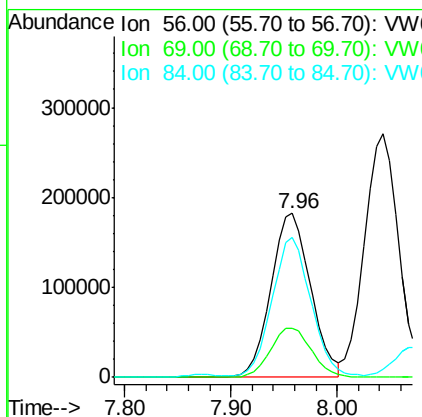
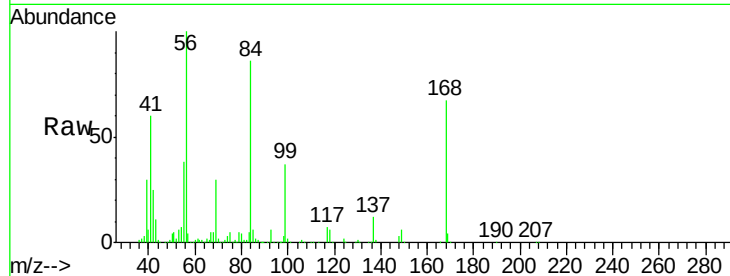
#31
Cyclohexane
Concen: 96.759 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.2	26.3	39.5
84	84.7	65.7	98.5

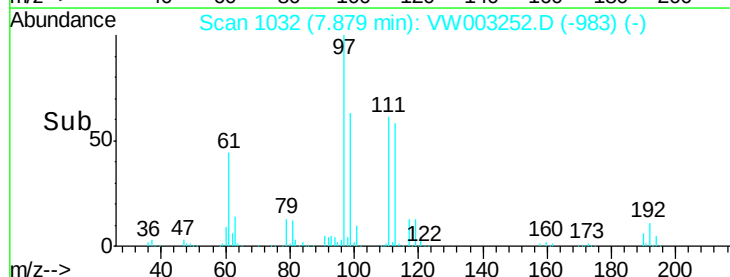
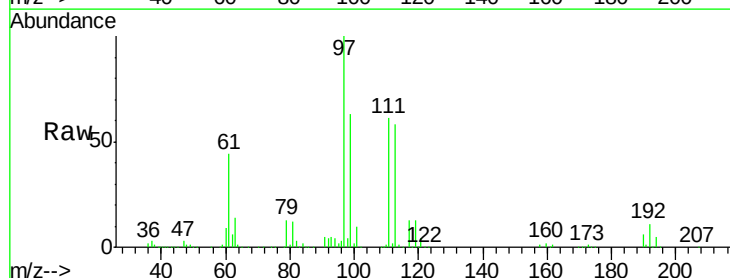
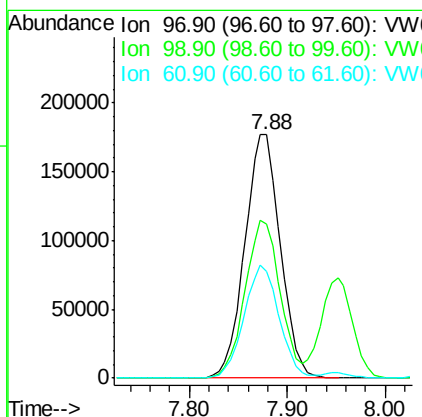
Manual Integrations
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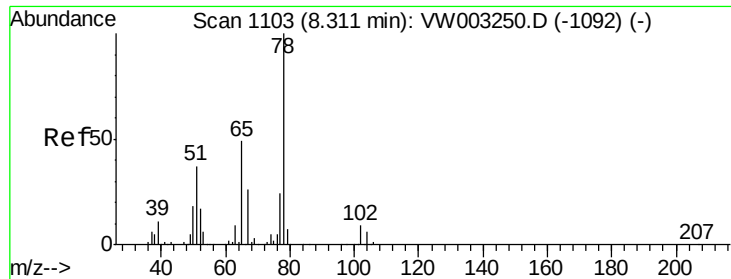
apatel
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#32
1,1,1-Trichloroethane
Concen: 103.648 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	46.0	37.6	56.4





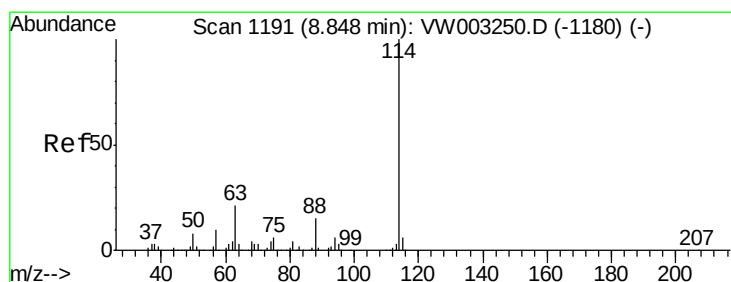
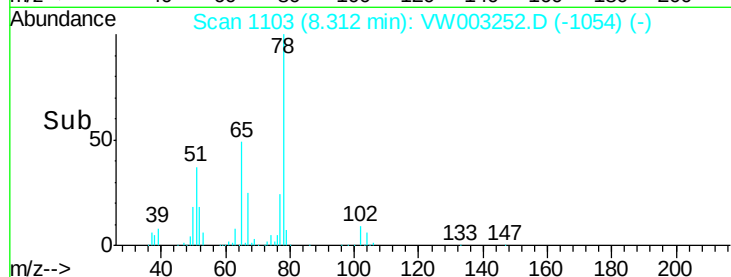
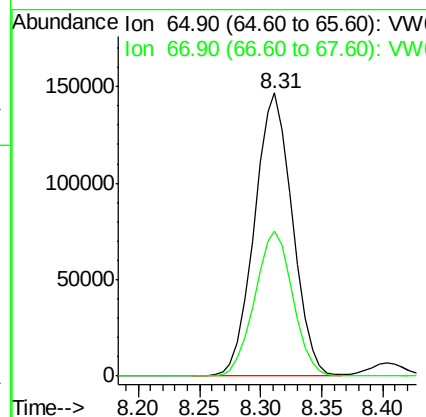
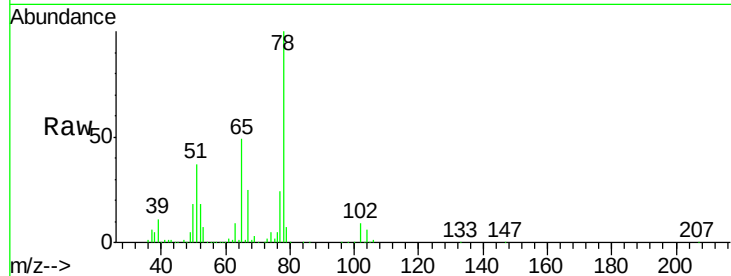
#33
 1,2-Dichloroethane-d4
 Concen: 111.462 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	316448		
67	51.3	0.0	104.2	

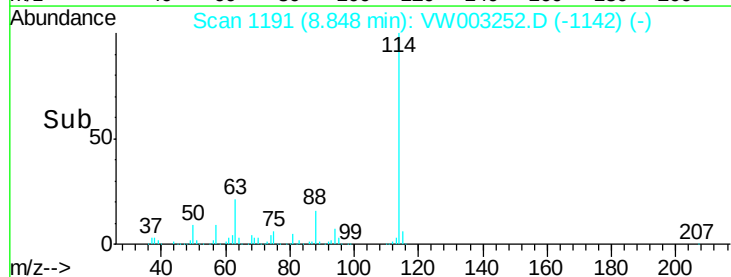
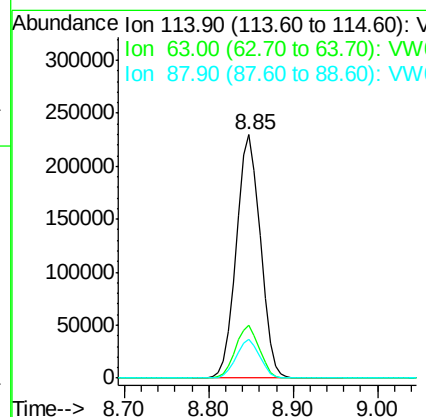
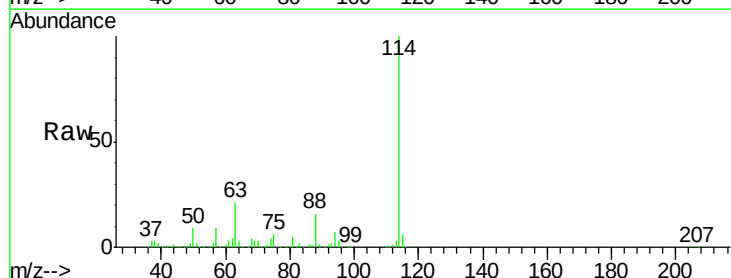
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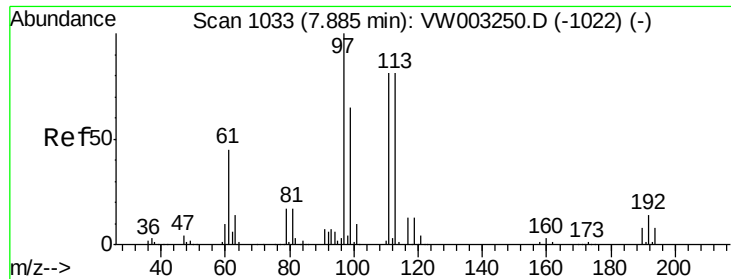
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	441718		
63	21.5	0.0	43.0	
88	15.7	0.0	29.6	





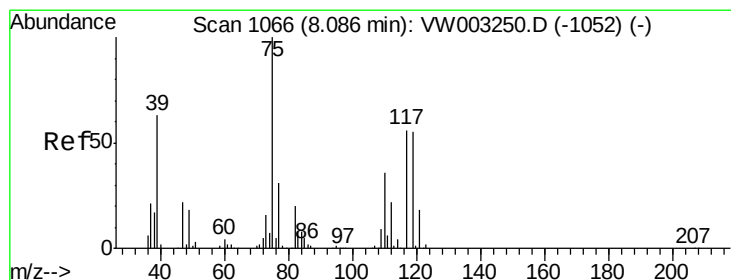
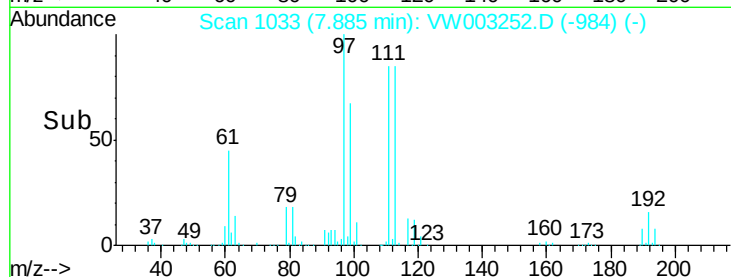
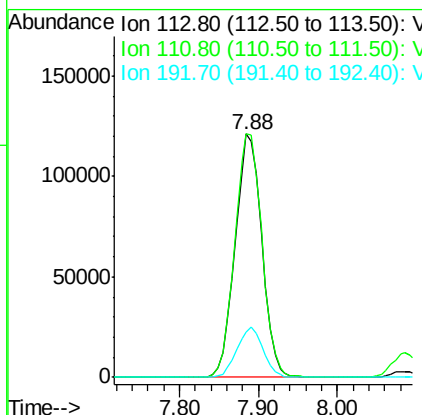
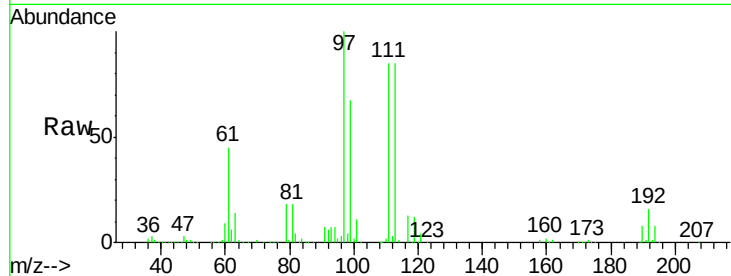
#35
 Dibromofluoromethane
 Concen: 108.940 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	284162		
111	101.9	82.2	123.2	
192	20.1	16.2	24.2	

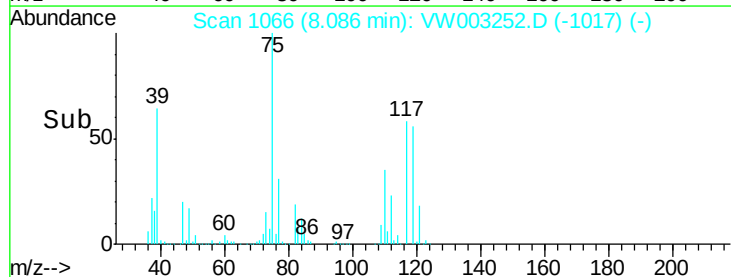
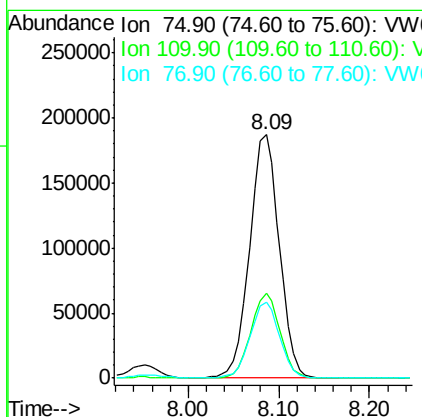
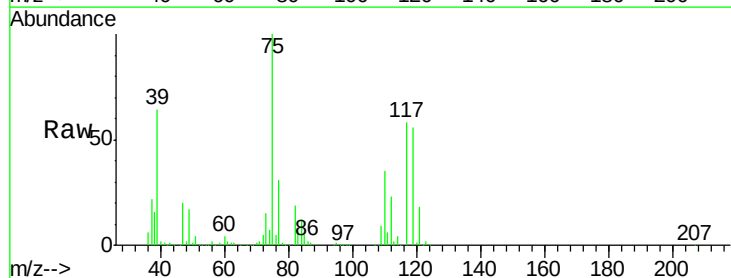
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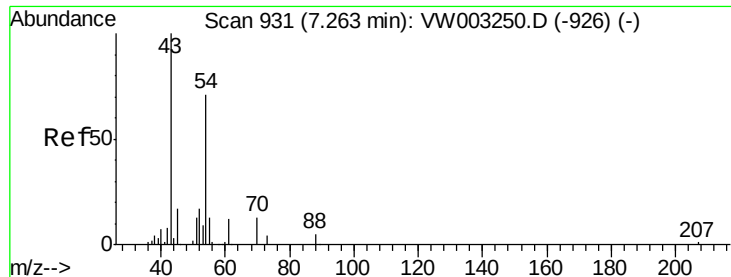
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#36
 1,1-Dichloropropene
 Concen: 101.849 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	422804		
110	34.4	17.1	51.3	
77	31.2	24.9	37.3	





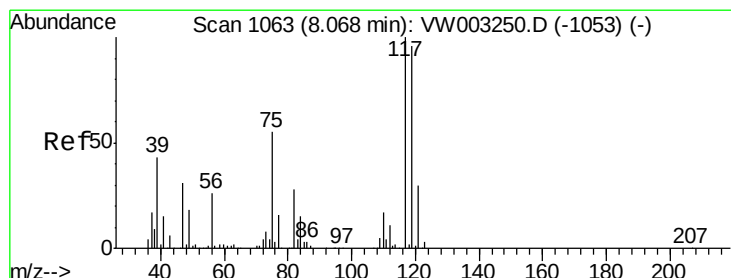
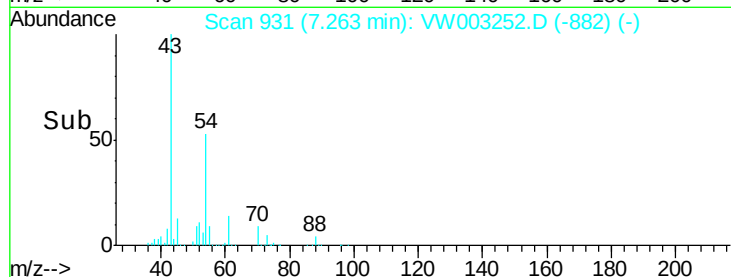
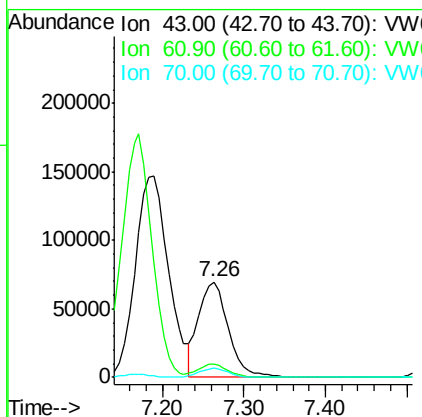
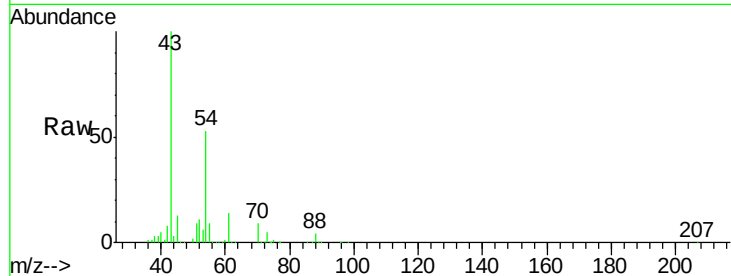
#37
Ethyl Acetate
Concen: 96.710 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	9.4	7.8	11.6

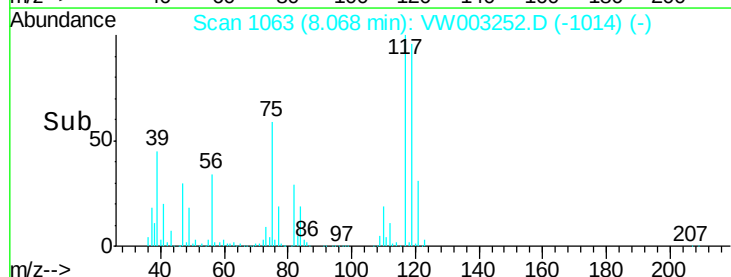
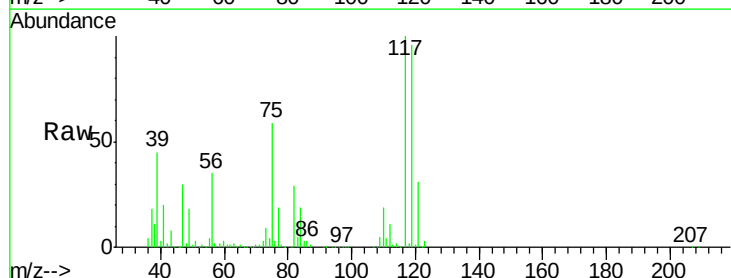
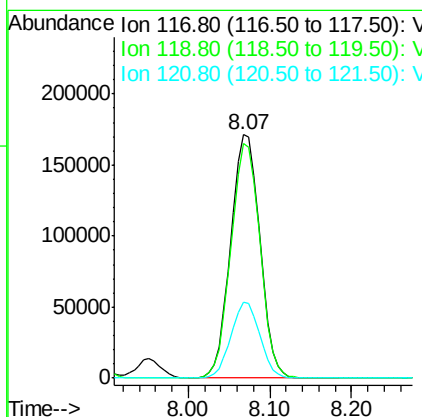
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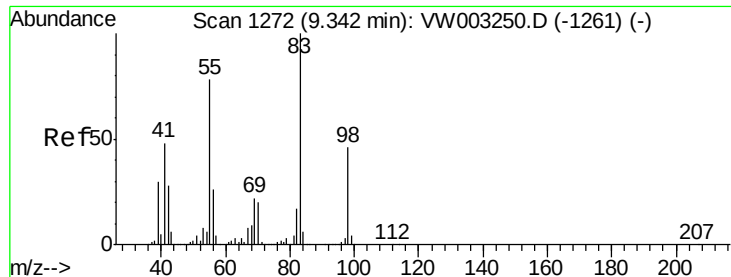
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#38
Carbon Tetrachloride
Concen: 104.396 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	115.0
121	31.2	23.9	35.9





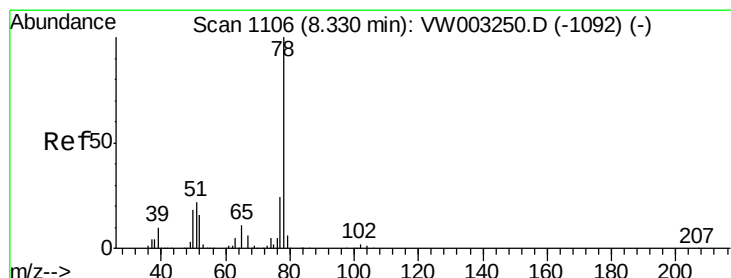
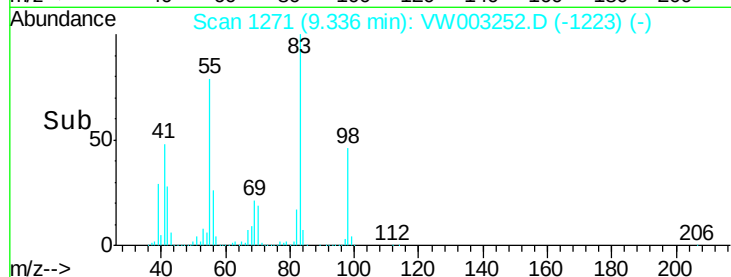
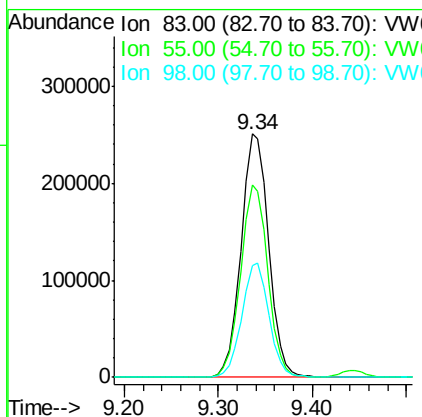
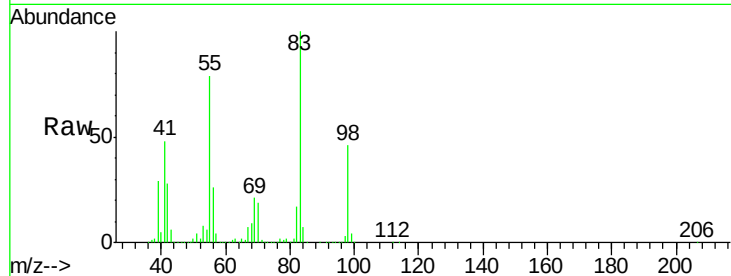
#39
Methylcyclohexane
Concen: 104.563 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.2	62.6	93.8
98	45.7	37.0	55.4

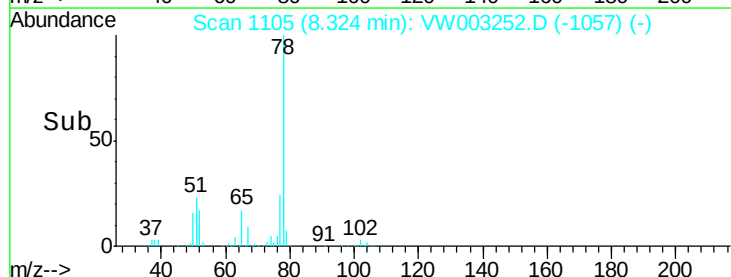
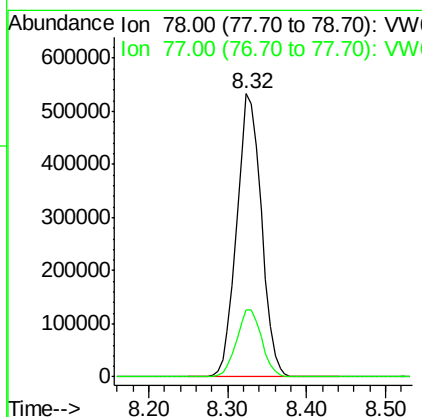
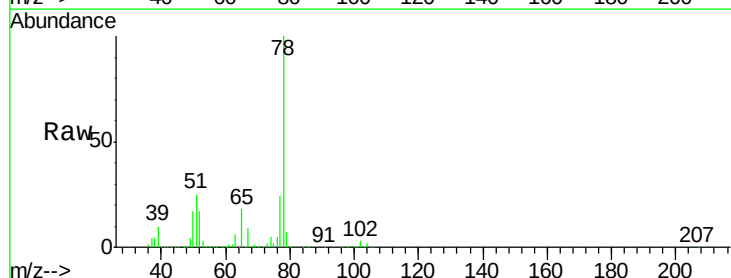
Manual Integrations
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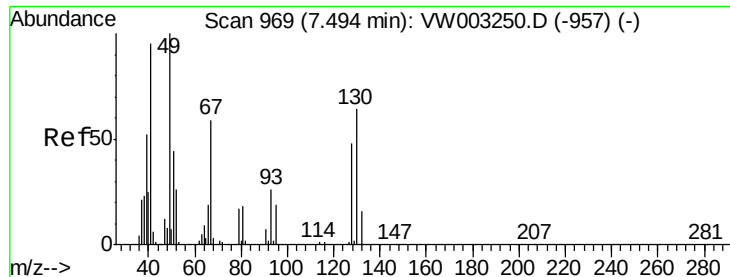
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#40
Benzene
Concen: 99.773 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





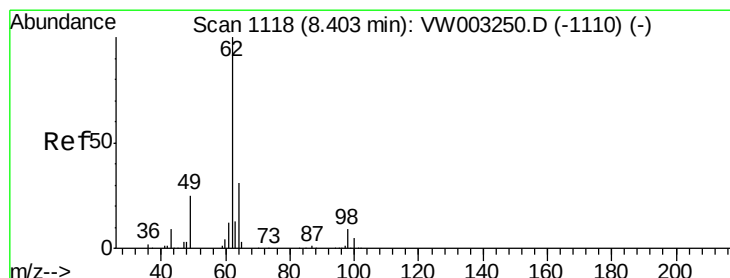
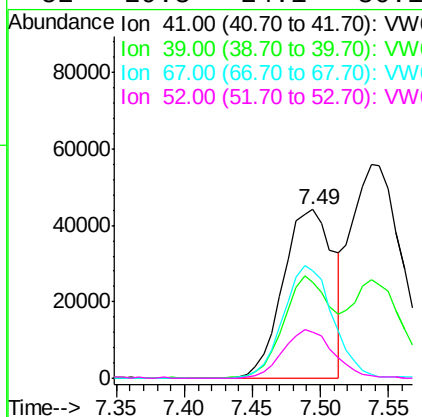
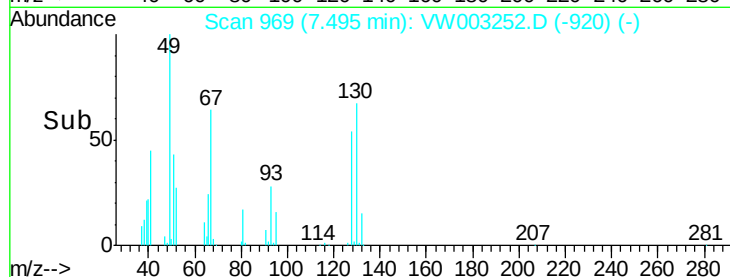
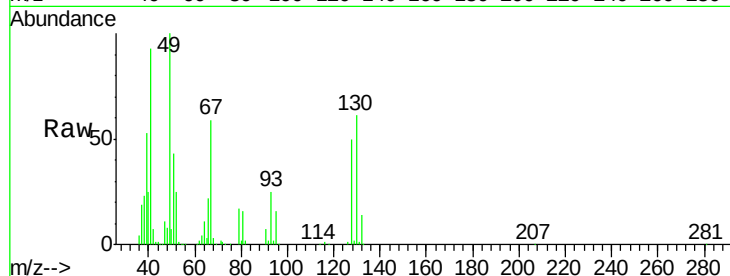
#41
Methacrylonitrile
Concen: 108.600 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.8	68.8
67	65.6	52.3	78.5
52	29.3	24.1	36.1

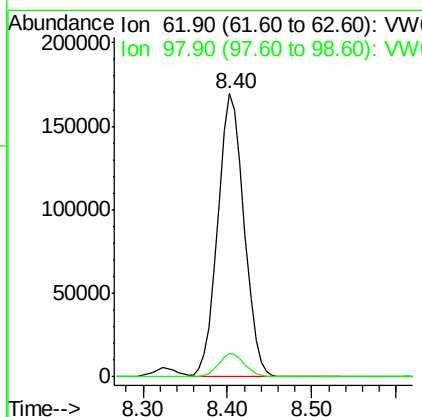
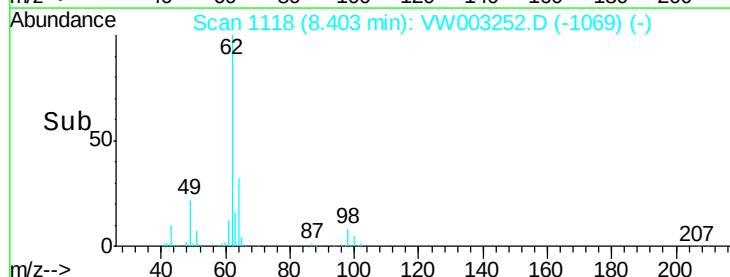
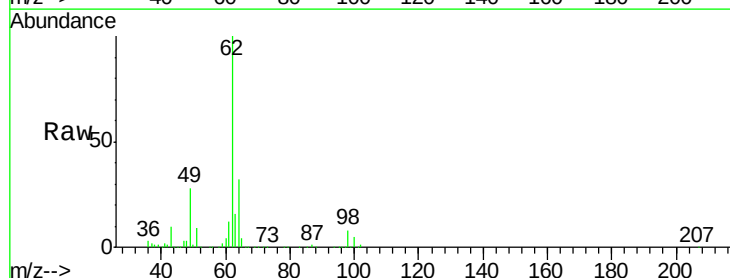
Manual Integrations
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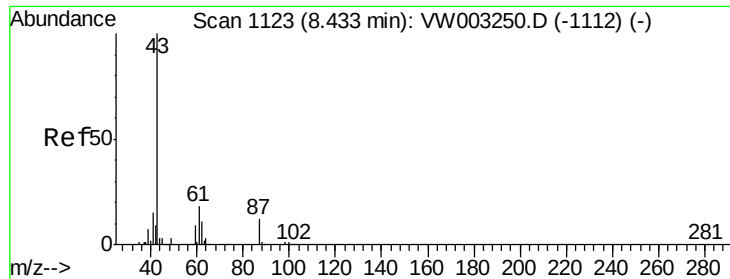
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#42
1,2-Dichloroethane
Concen: 100.365 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2





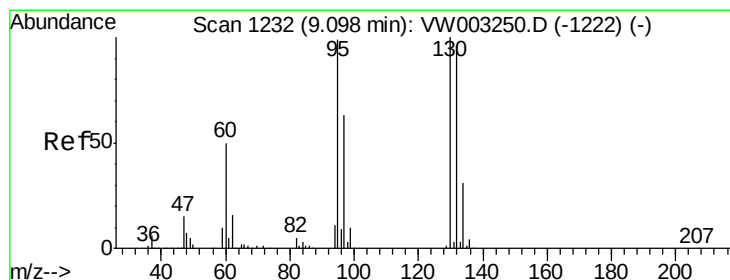
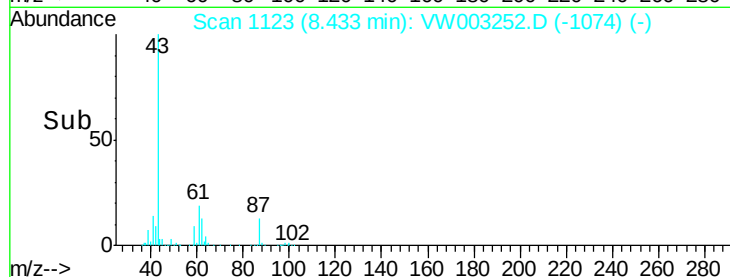
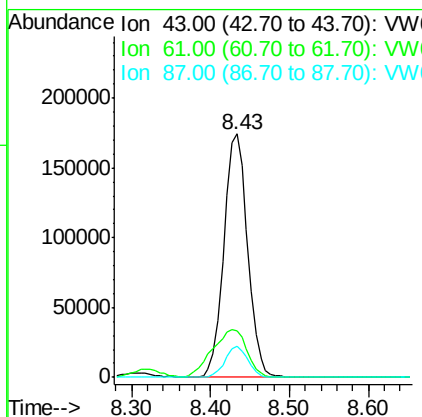
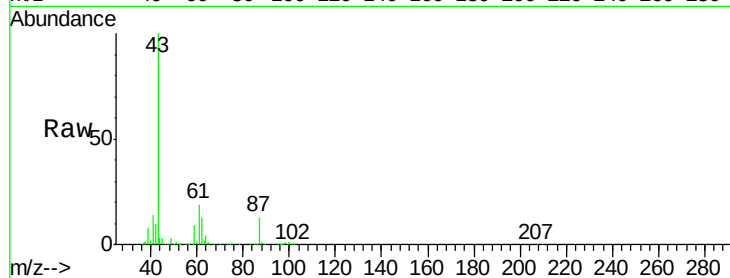
#43
Isopropyl Acetate
Concen: 103.124 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.5	23.1	34.7
87	12.4	9.8	14.6

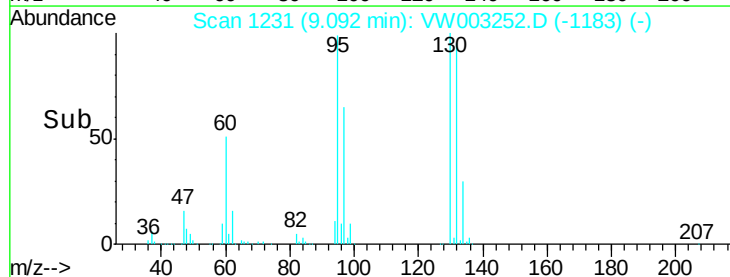
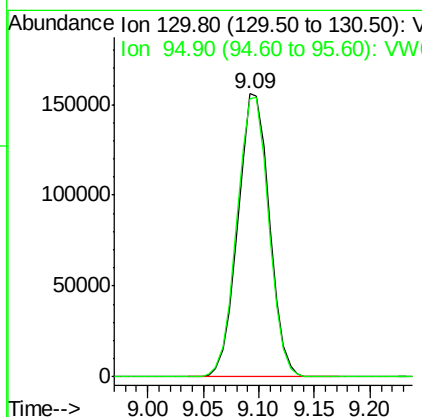
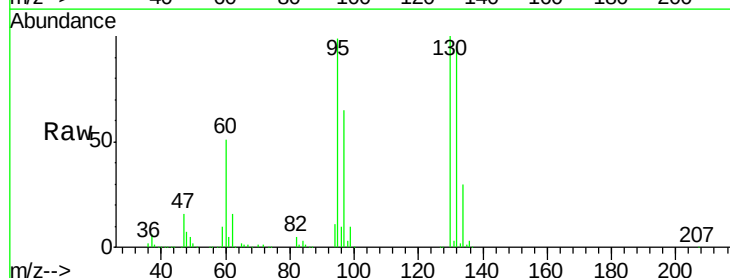
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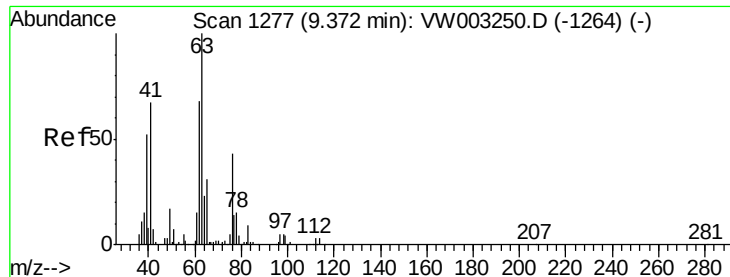
apatel
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#44
Trichloroethene
Concen: 98.056 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	198.0





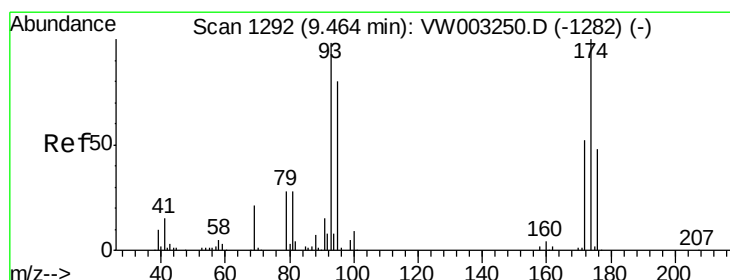
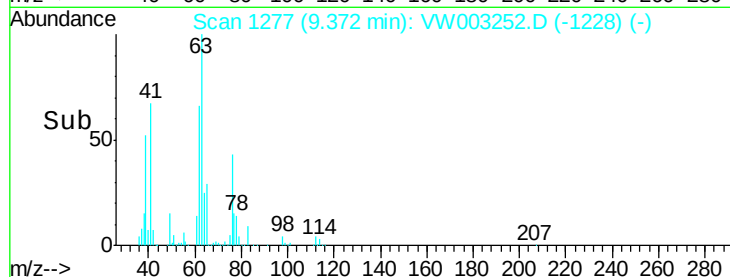
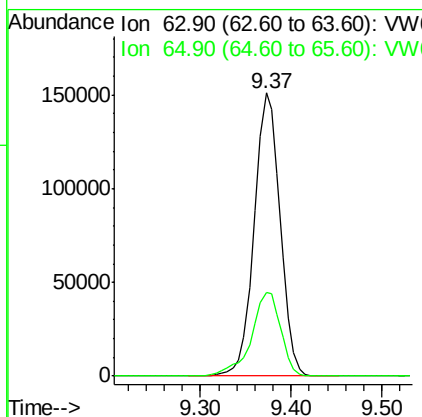
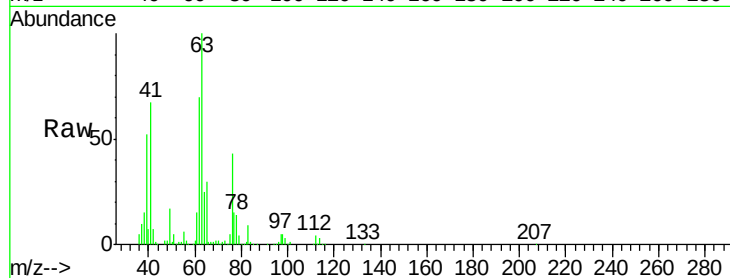
#45
 1,2-Dichloropropane
 Concen: 102.366 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 63 Resp: 298761
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.1 37.7

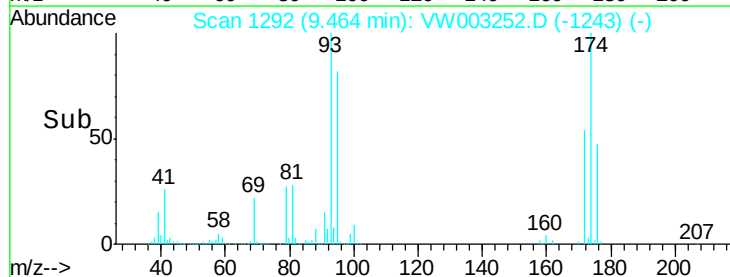
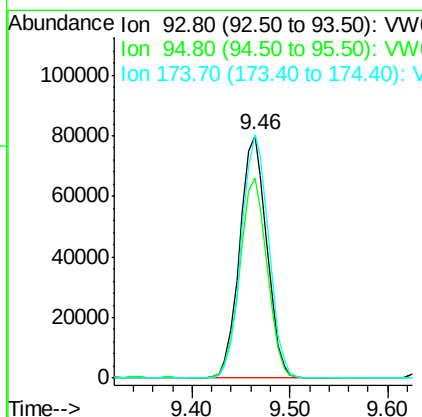
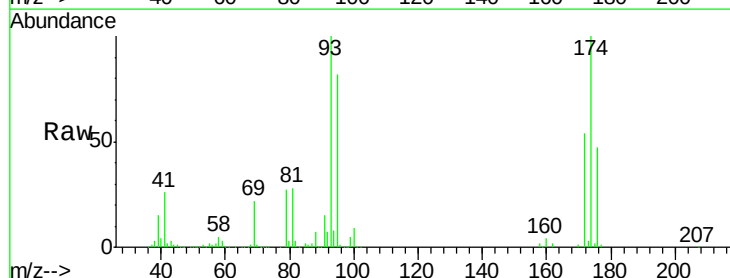
Manual Integrations
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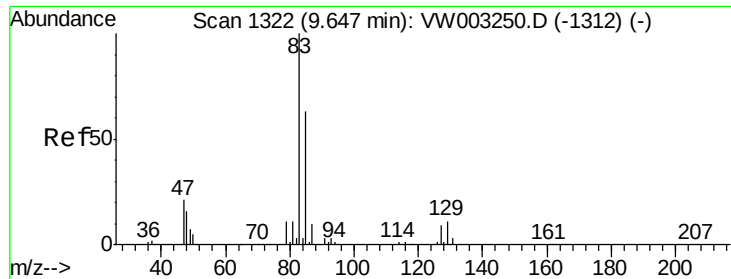
apatel
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#46
 Dibromomethane
 Concen: 98.276 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 93 Resp: 153302
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.8 98.8
 174 101.4 81.4 122.0





#47

Bromodichloromethane

Concen: 104.255 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

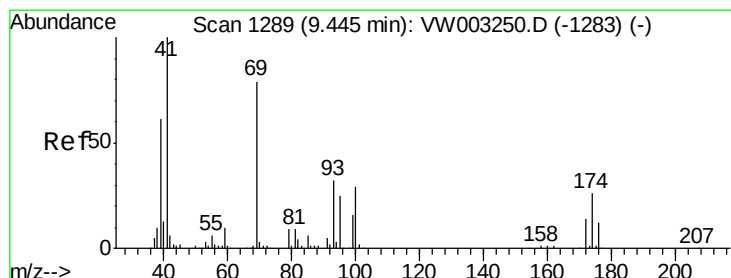
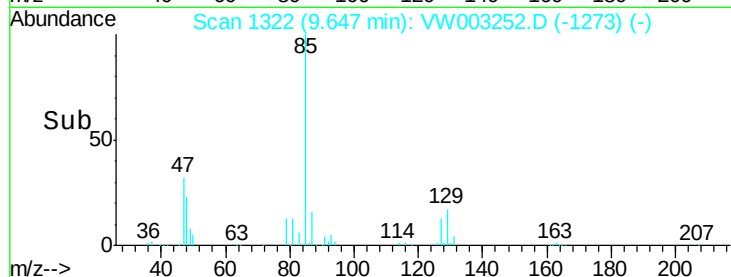
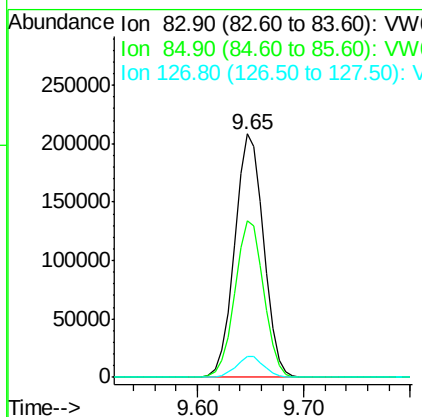
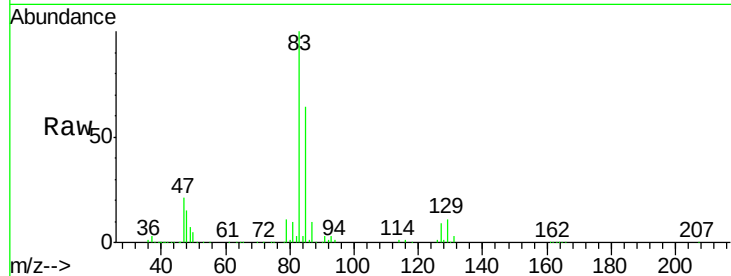
ClientSampled :

VSTDIC100

Tgt Ion:	83	Resp:	397135
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.6	75.8
127	8.6	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 105.920 ug/l

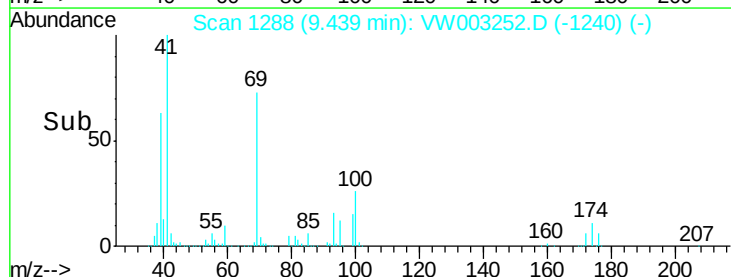
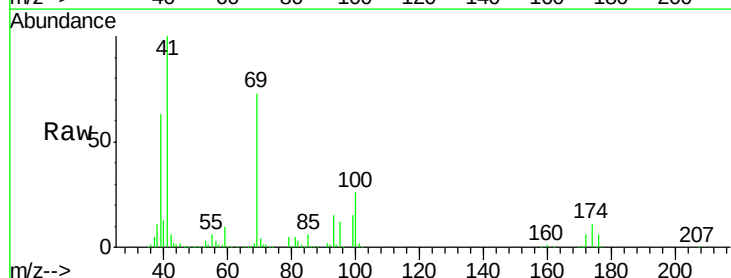
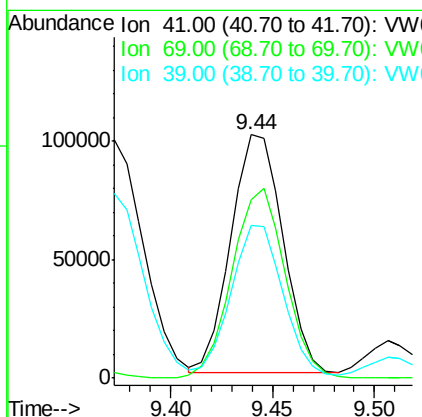
RT: 9.44 min Scan# 1288

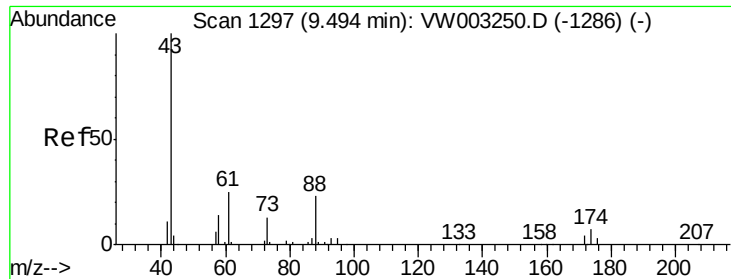
Delta R.T. -0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Tgt Ion:	41	Resp:	177616
Ion Ratio	Lower	Upper	
41	100		
69	81.4	65.4	98.2
39	65.2	54.2	81.2





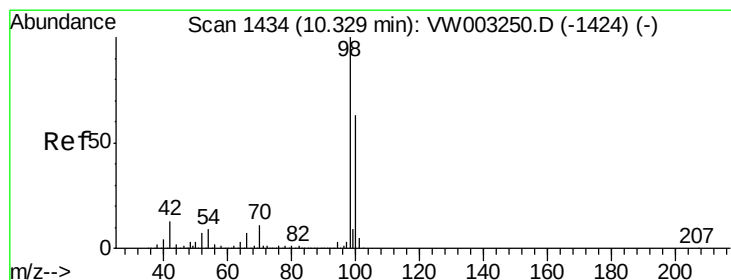
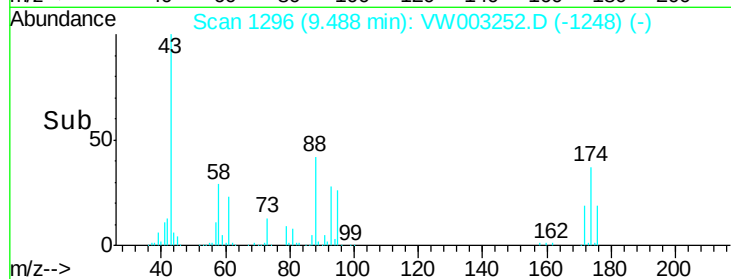
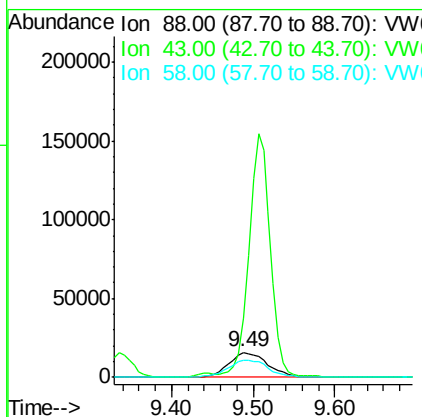
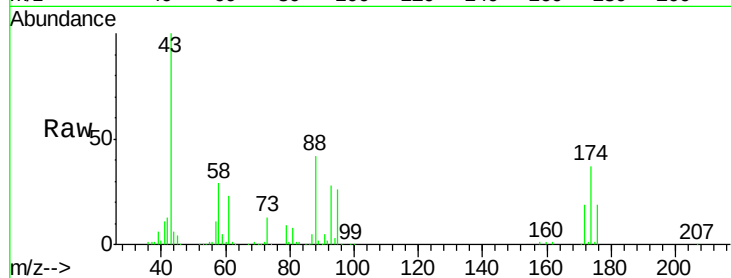
#49
1,4-Dioxane
Concen: 2122.788 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
88	100		
43	550.8	454.7	682.1
58	73.9	58.6	88.0

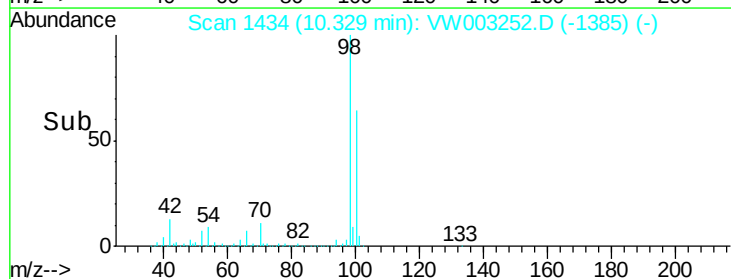
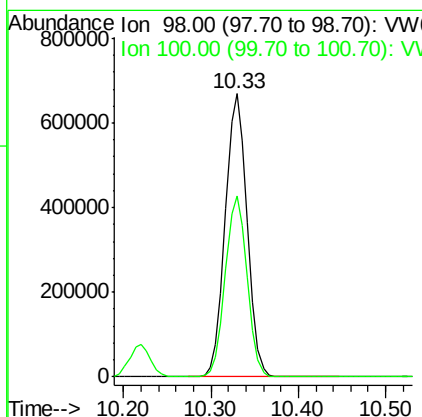
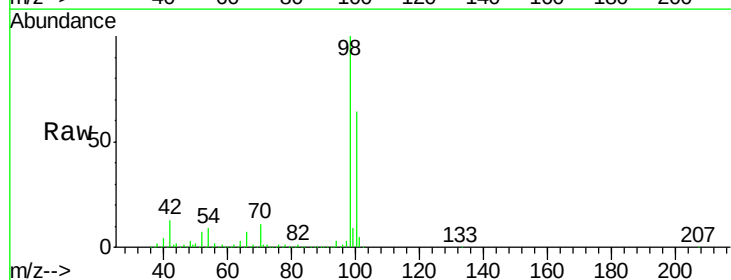
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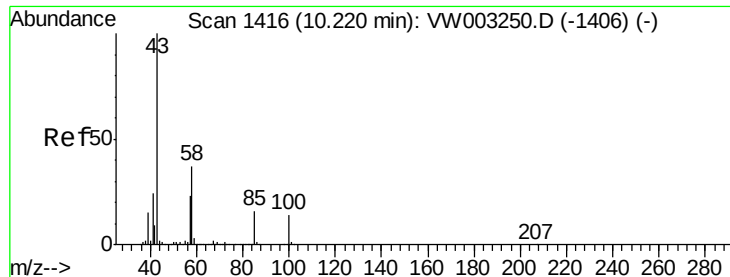
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#50
Toluene-d8
Concen: 114.043 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.8	76.2





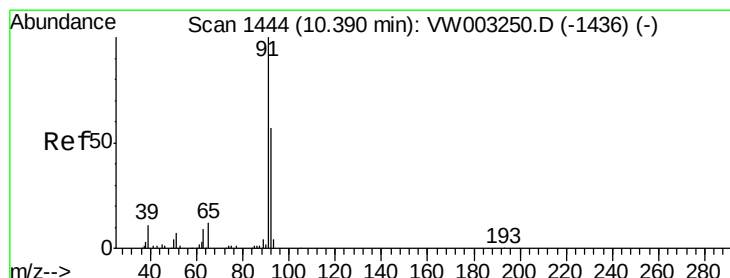
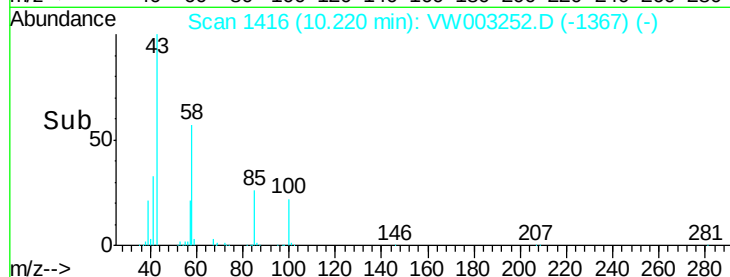
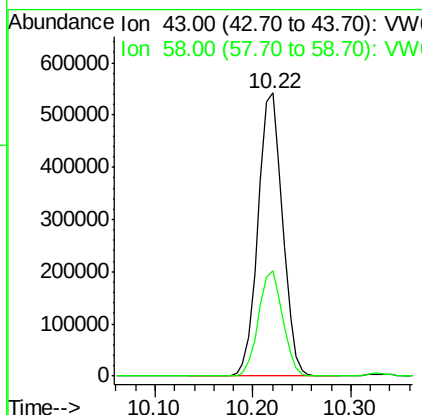
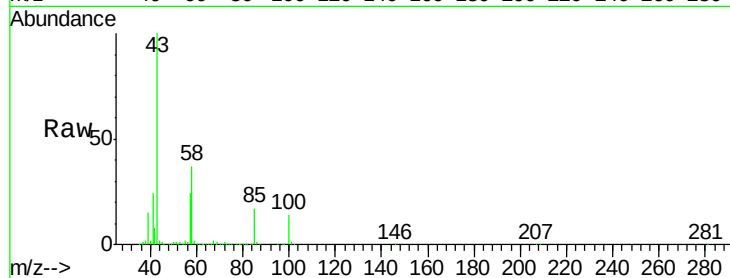
#51
4-Methyl-2-Pentanone
Concen: 526.232 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tgt Ion: 43 Resp: 943547
Ion Ratio Lower Upper
43 100
58 36.9 29.0 43.4

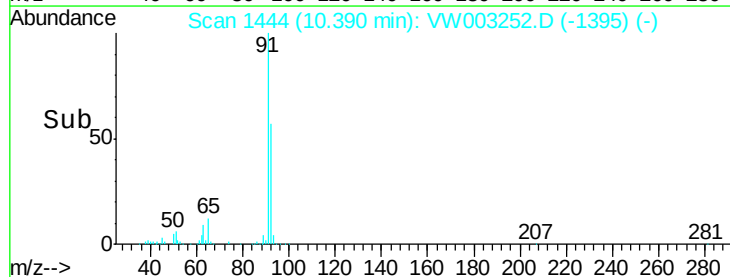
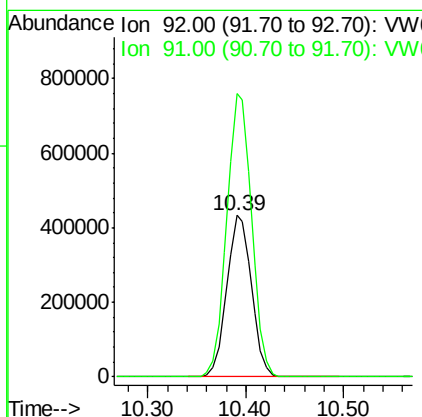
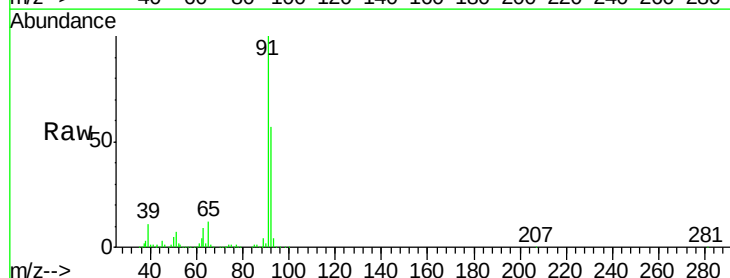
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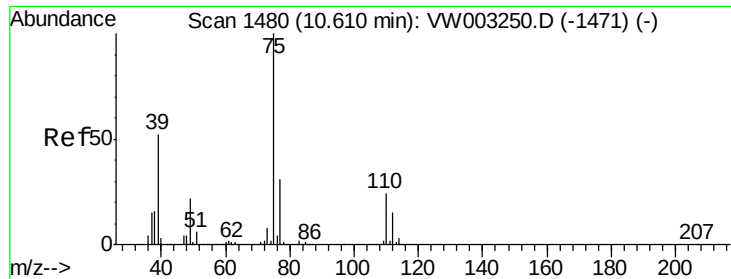
apatel
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#52
Toluene
Concen: 101.398 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 92 Resp: 756273
Ion Ratio Lower Upper
92 100
91 176.2 141.1 211.7





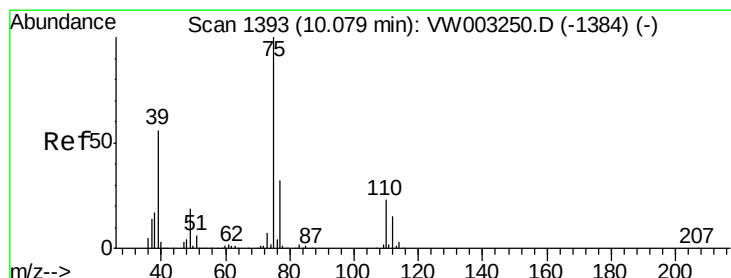
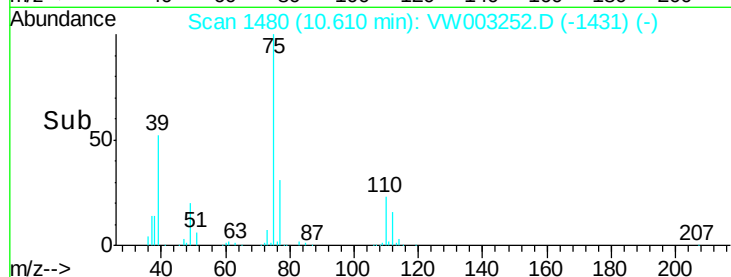
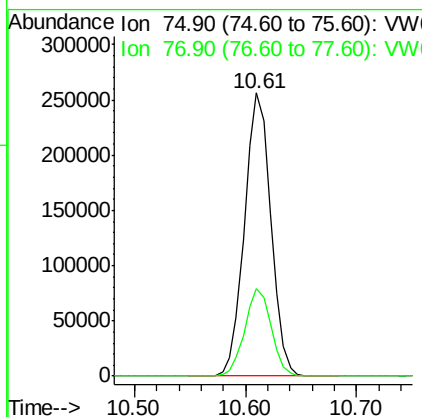
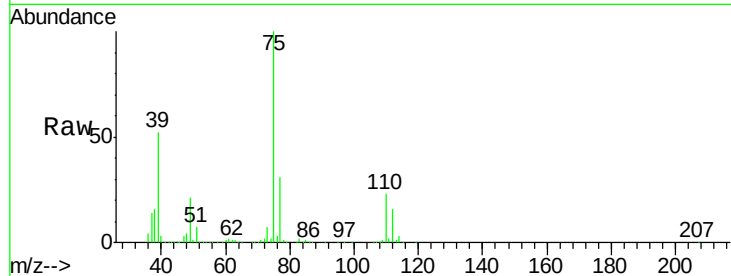
#53
t-1,3-Dichloropropene
Concen: 107.832 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tgt Ion: 75 Resp: 423010
Ion Ratio Lower Upper
75 100
77 30.9 24.9 37.3

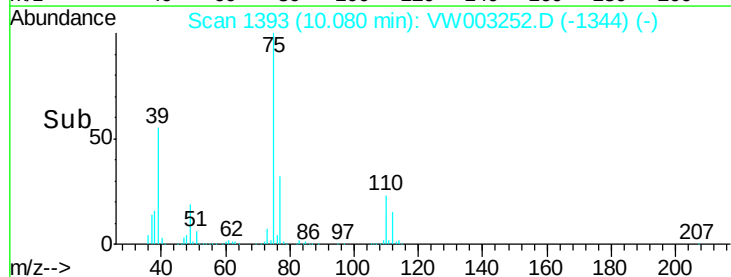
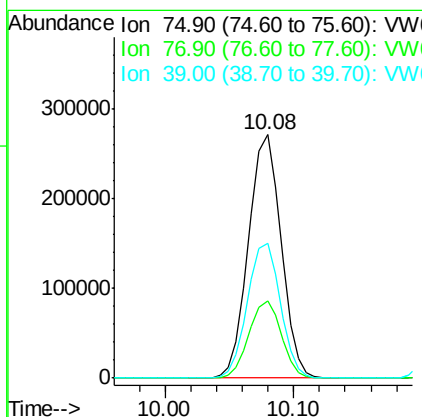
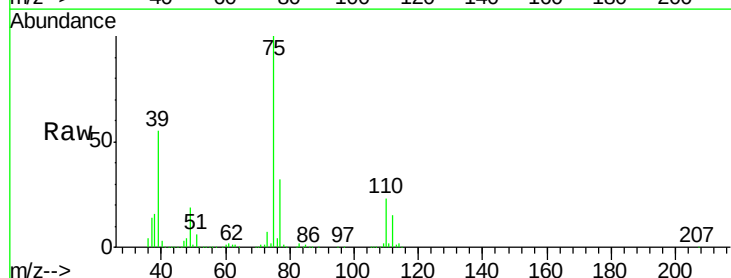
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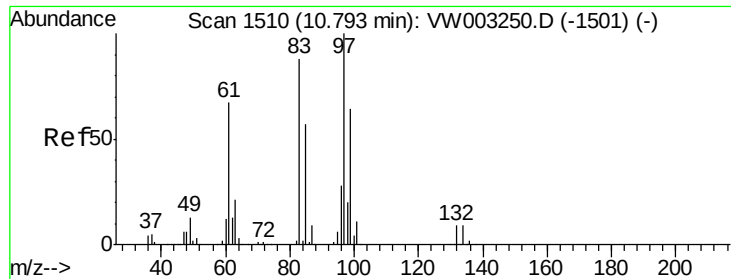
apatel
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#54
cis-1,3-Dichloropropene
Concen: 106.139 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 75 Resp: 473595
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
39 55.4 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 100.361 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

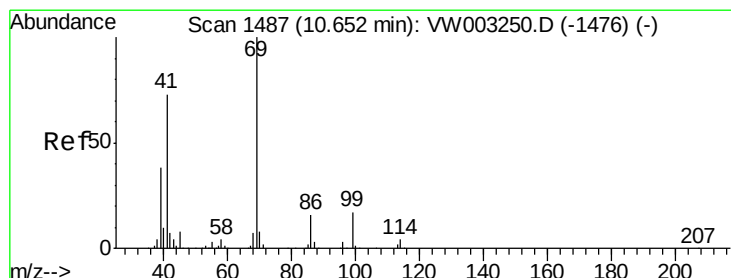
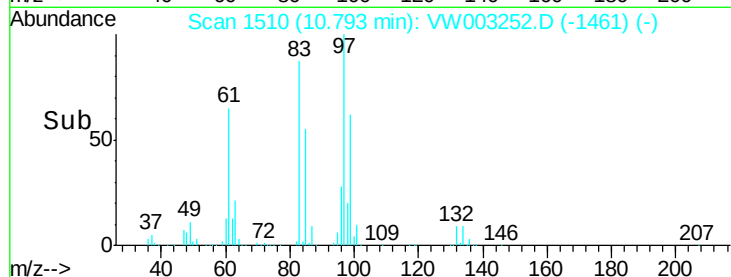
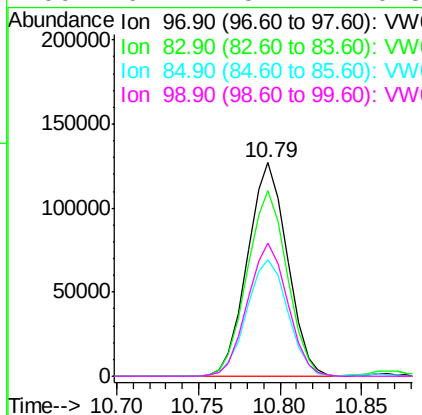
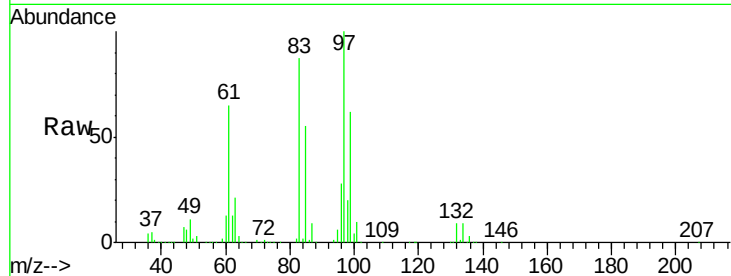
ClientSampleId :

VSTDIC100

Tgt Ion:	97	Resp:	216334
Ion Ratio	Lower	Upper	
97	100		
83	87.0	70.2	105.2
85	54.8	45.6	68.4
99	62.2	51.2	76.8

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#56

Ethyl methacrylate

Concen: 110.617 ug/l

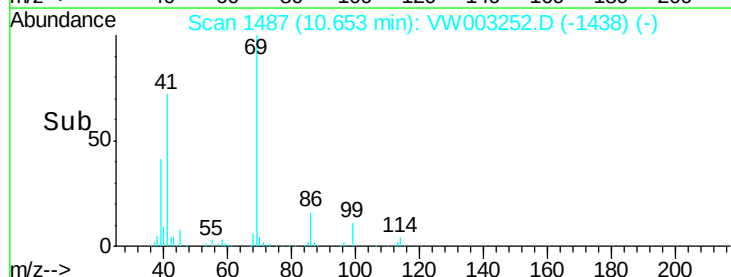
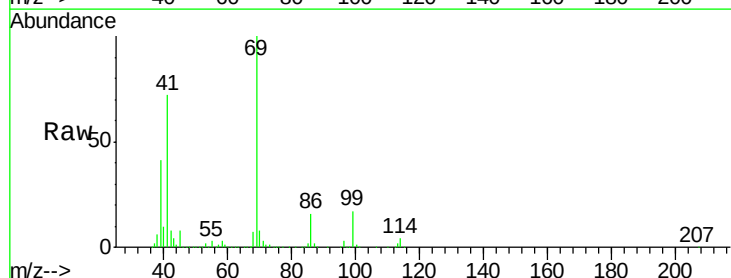
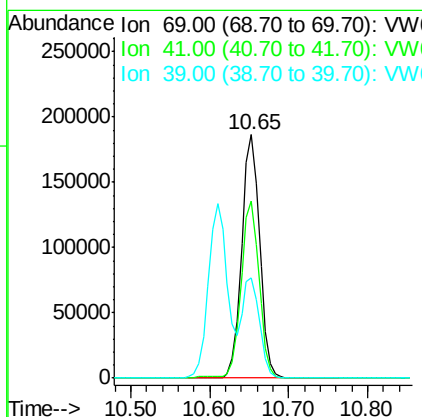
RT: 10.65 min Scan# 1487

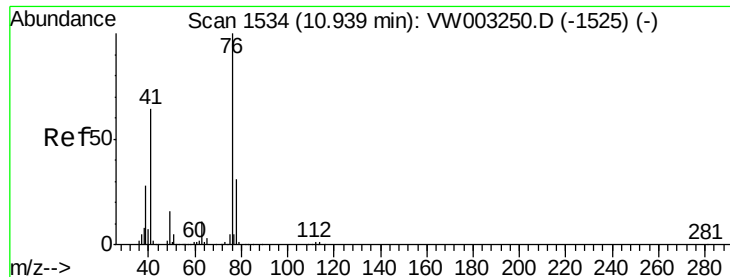
Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Tgt Ion:	69	Resp:	295530
Ion Ratio	Lower	Upper	
69	100		
41	72.0	57.8	86.6
39	38.8	32.7	49.1





#57

1,3-Dichloropropane

Concen: 100.721 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 375022

Ion Ratio Lower Upper

76 100

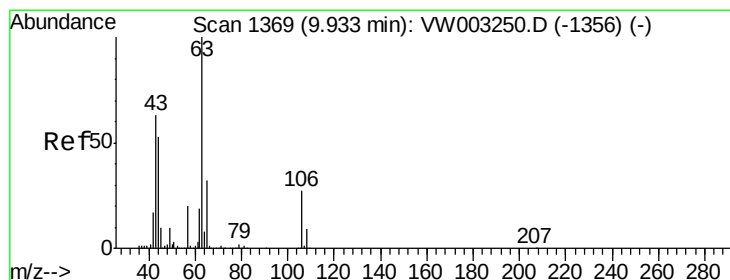
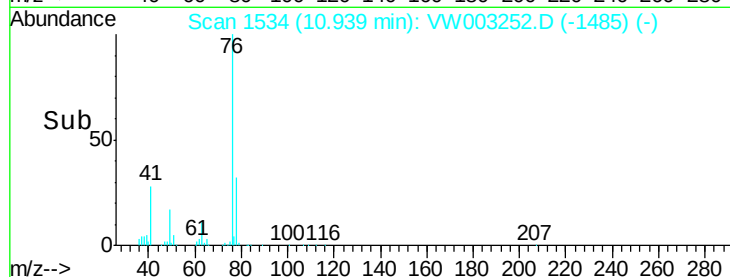
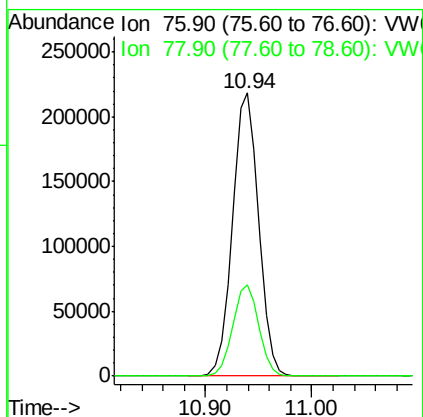
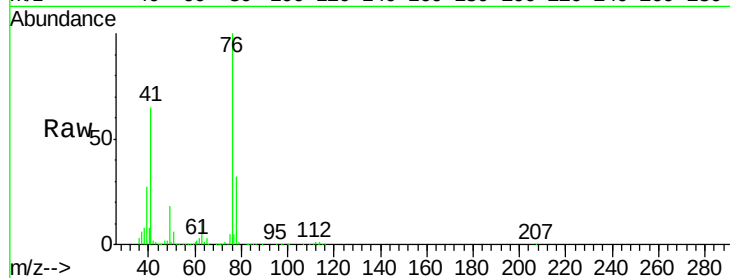
78 32.3 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 514.455 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003252.D

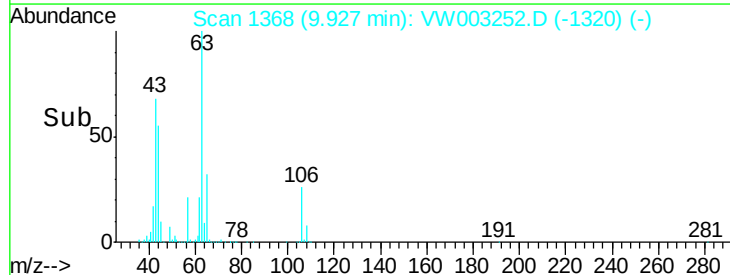
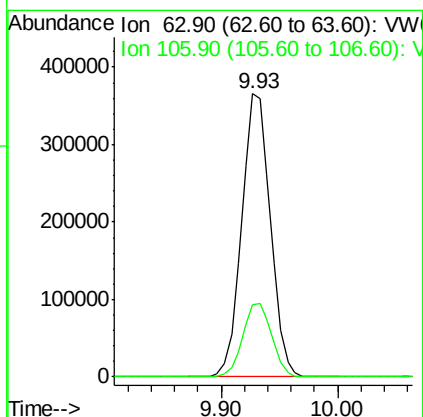
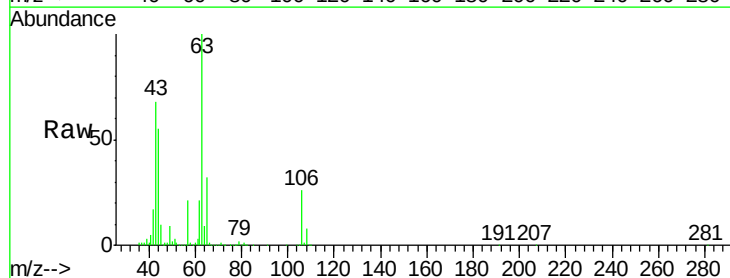
Acq: 13 Jun 2018 18:15

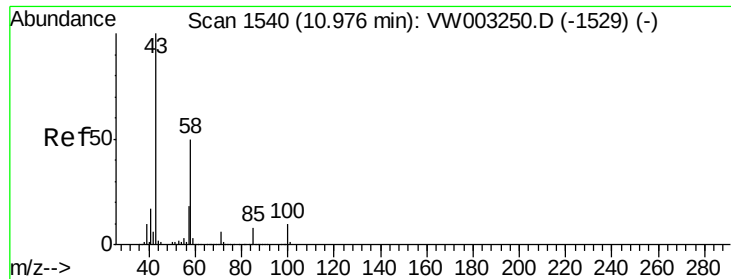
Tgt Ion: 63 Resp: 626898

Ion Ratio Lower Upper

63 100

106 26.4 21.8 32.8





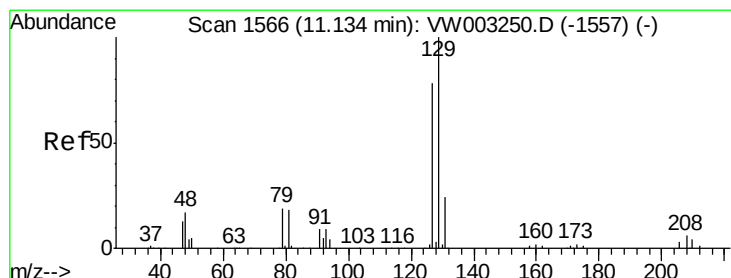
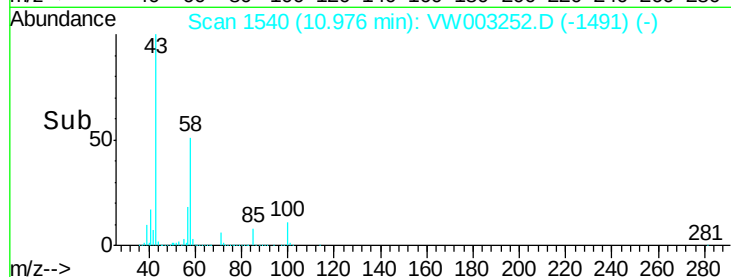
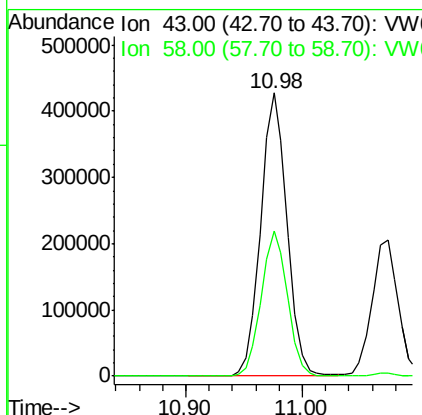
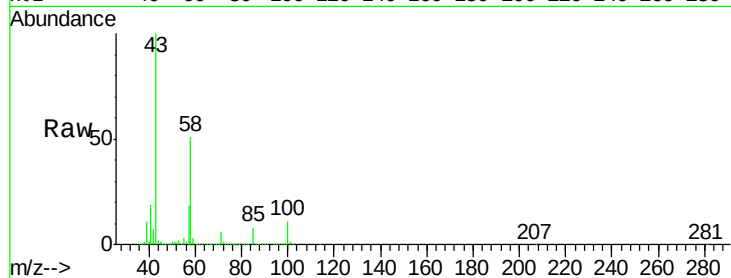
#59
2-Hexanone
Concen: 551.016 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 672344
Ion Ratio Lower Upper
43 100
58 51.2 25.0 75.0

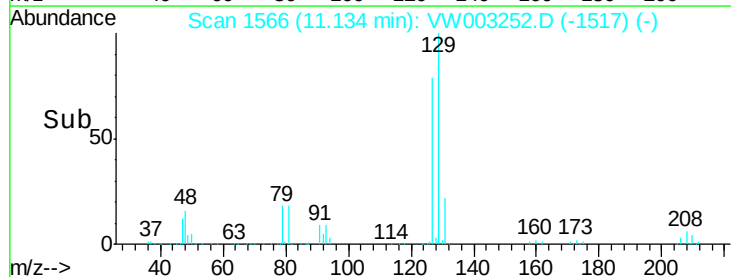
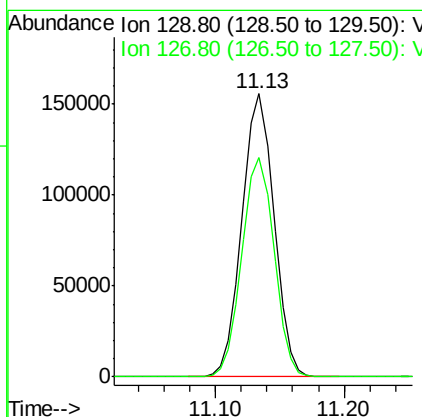
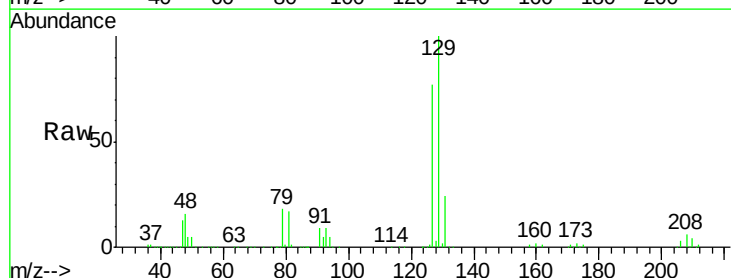
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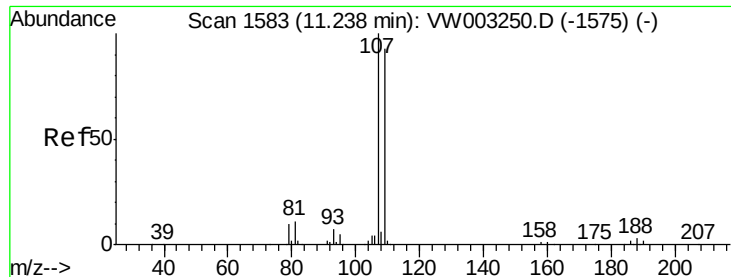
apatel
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#60
Dibromochloromethane
Concen: 103.793 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 129 Resp: 269044
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5





#61

1,2-Dibromoethane

Concen: 100.686 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tgt Ion: 107 Resp: 209120

Ion Ratio Lower Upper

107 100

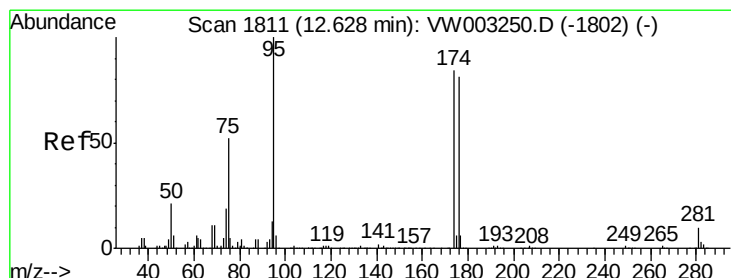
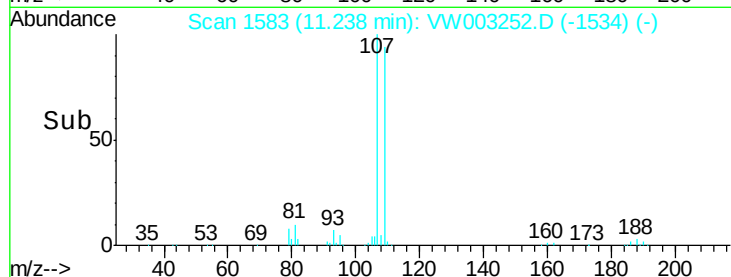
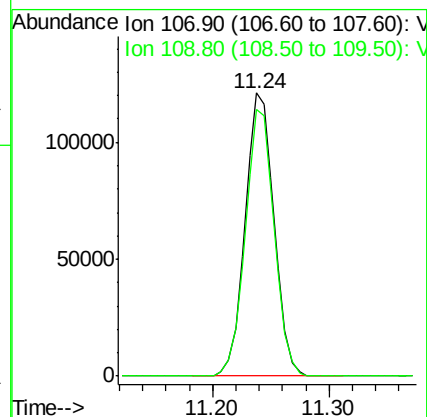
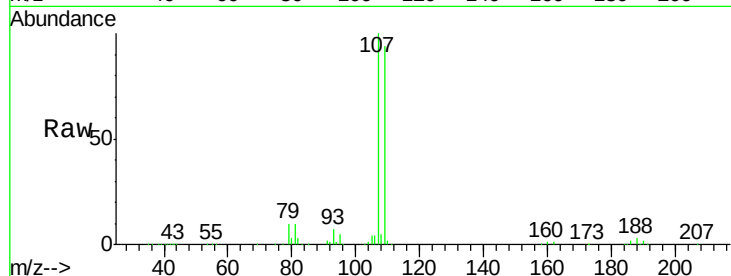
109 94.4 75.8 113.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 112.454 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

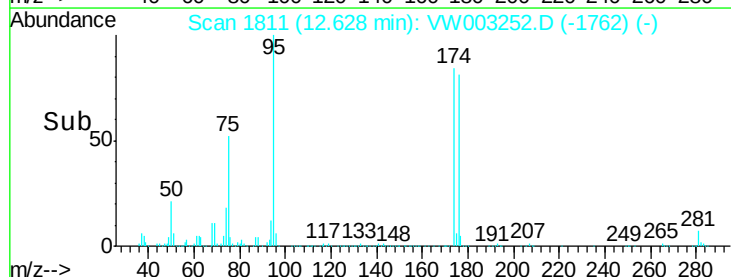
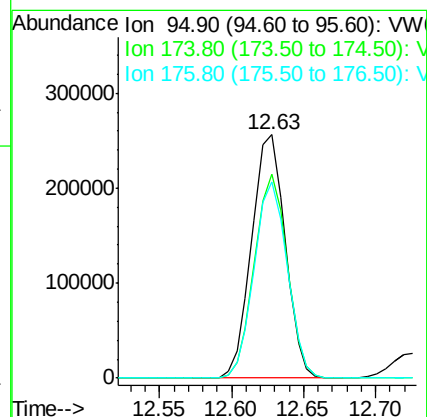
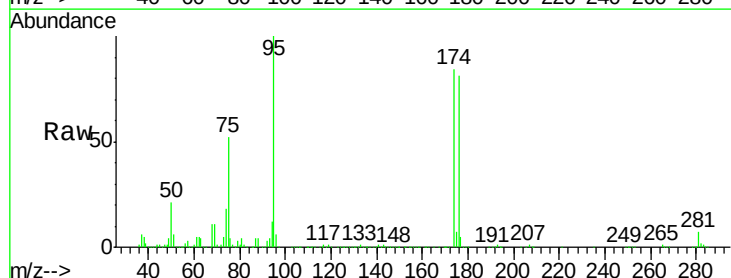
Tgt Ion: 95 Resp: 413408

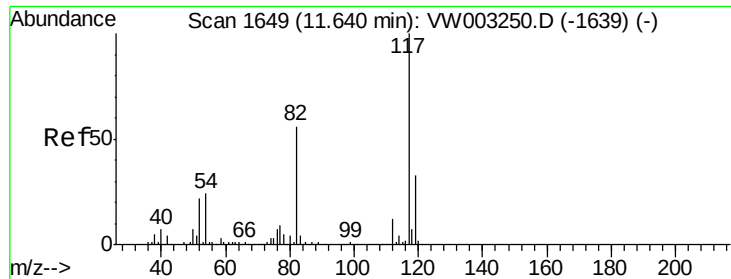
Ion Ratio Lower Upper

95 100

174 82.0 0.0 166.4

176 79.5 0.0 162.0





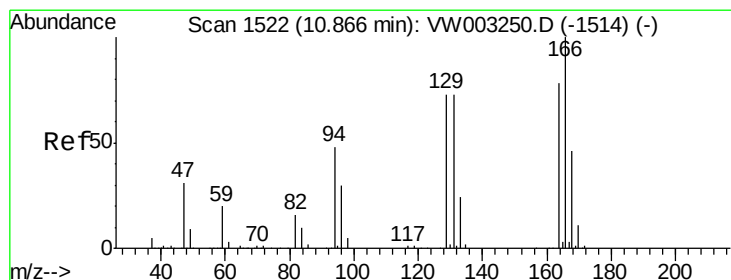
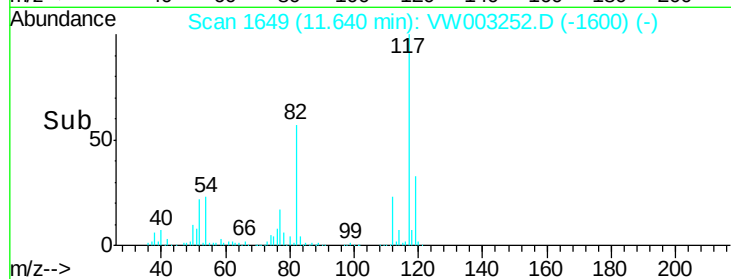
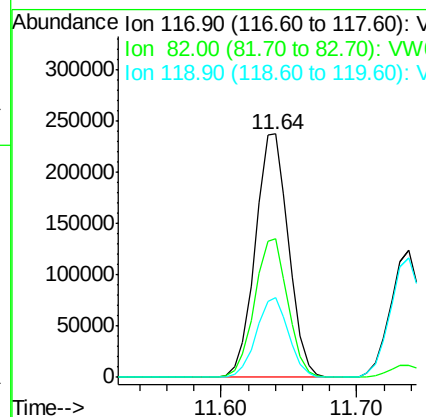
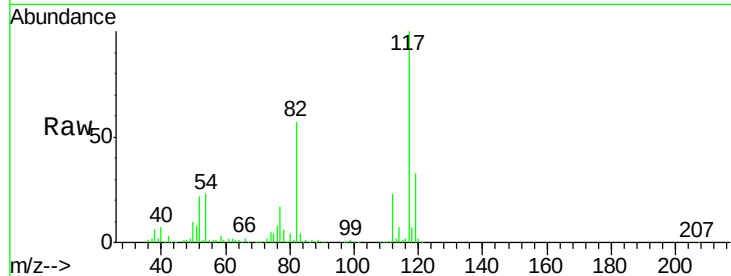
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	406382		
82	56.9	44.6	67.0	
119	32.5	26.7	40.1	

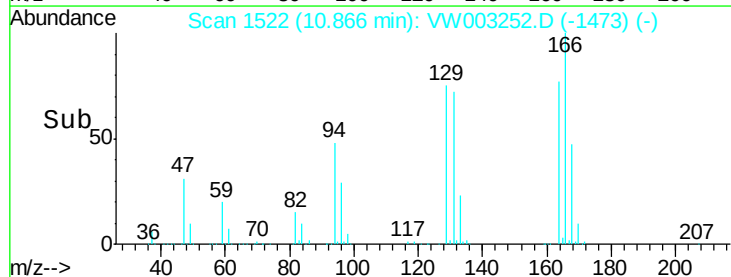
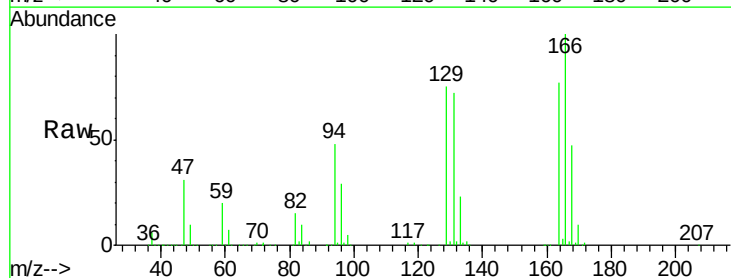
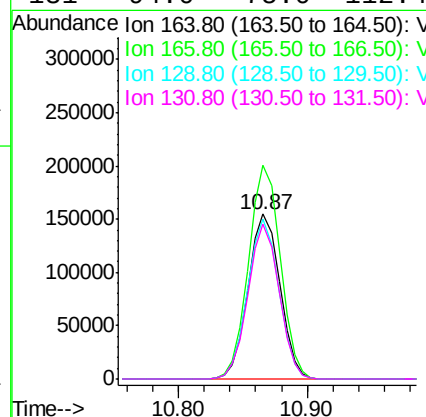
Manual Integrations
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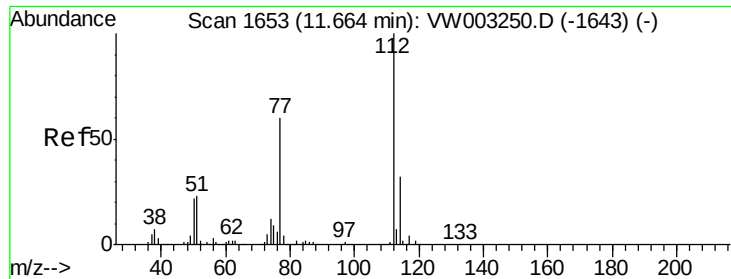
apatel
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#64
Tetrachloroethene
Concen: 91.875 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	264404		
166	129.7	102.6	154.0	
129	97.0	75.2	112.8	
131	94.0	75.0	112.4	





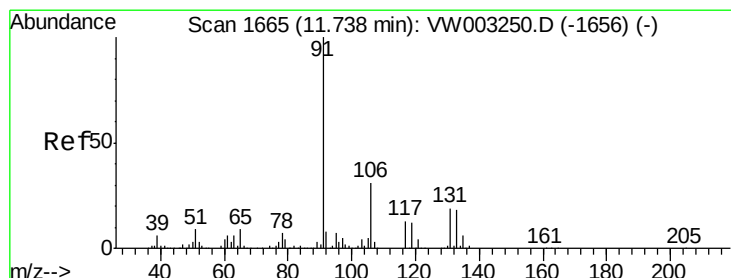
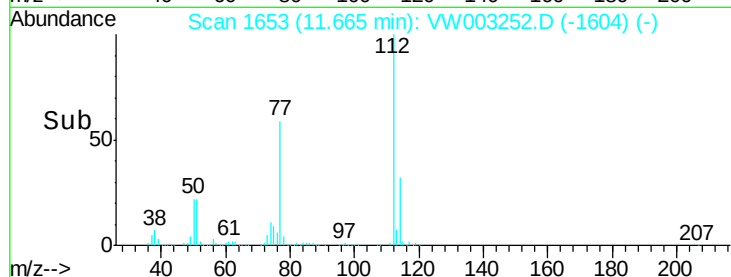
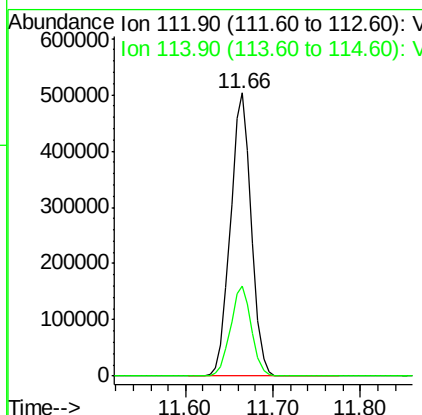
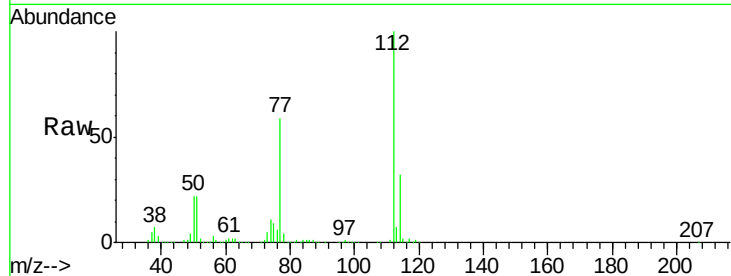
#65
Chlorobenzene
Concen: 99.455 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 831057
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9

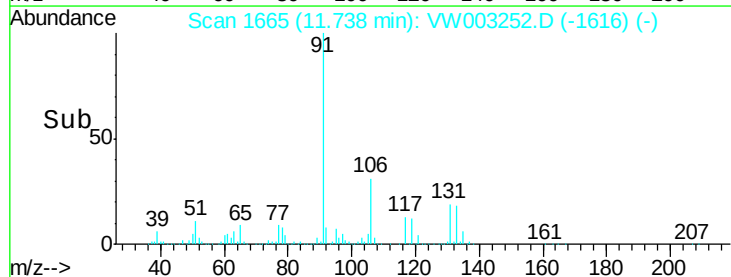
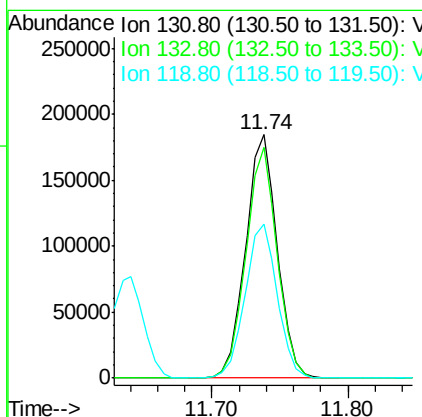
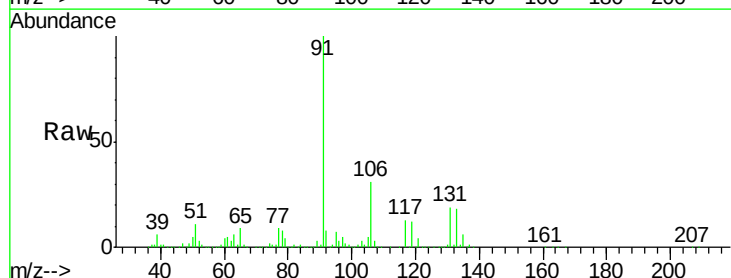
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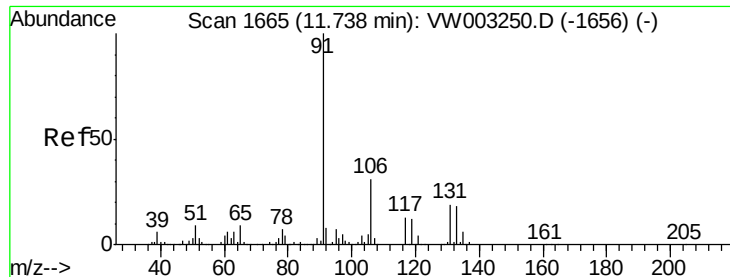
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#66
1,1,1,2-Tetrachloroethane
Concen: 102.859 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion:131 Resp: 299804
Ion Ratio Lower Upper
131 100
133 93.8 47.3 142.0
119 64.4 32.5 97.4





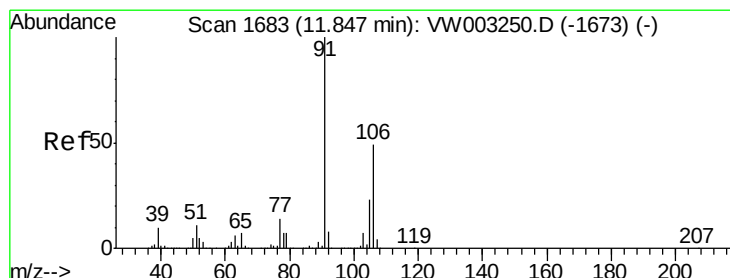
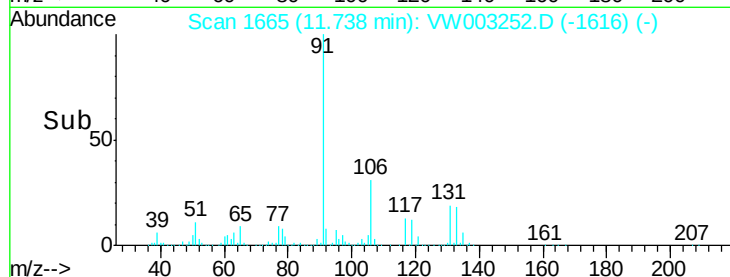
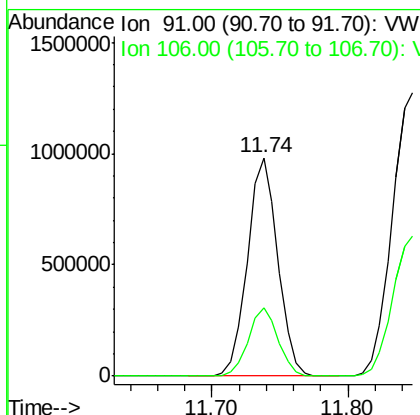
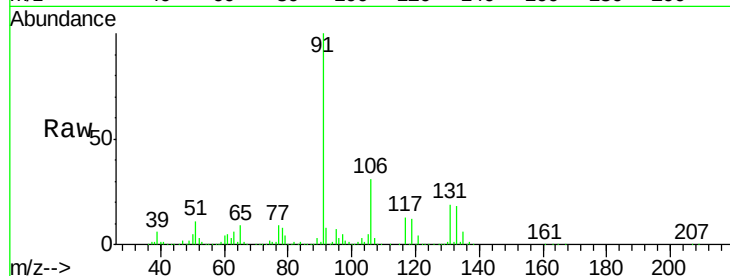
#67
Ethyl Benzene
 Concen: 103.652 ug/l
 RT: 11.74 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tgt Ion: 91 Resp: 1531699
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.7 37.1

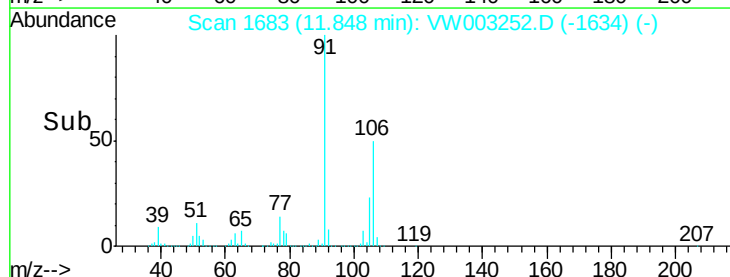
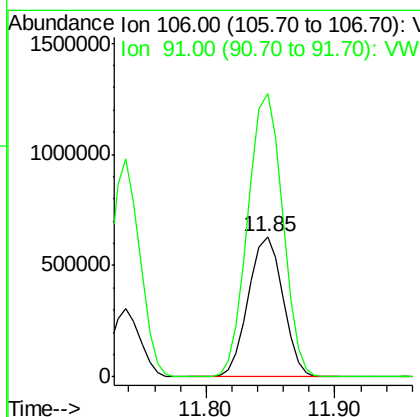
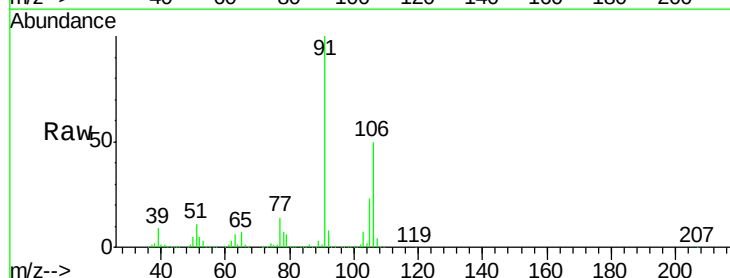
Manual Integrations
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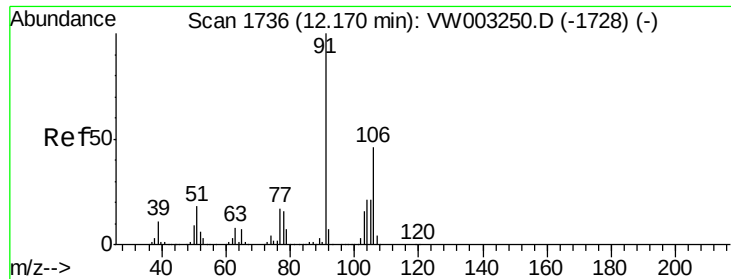
apatel
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#68
m/p-Xylenes
 Concen: 206.817 ug/l
 RT: 11.85 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 106 Resp: 1168385
 Ion Ratio Lower Upper
 106 100
 91 203.5 165.4 248.0





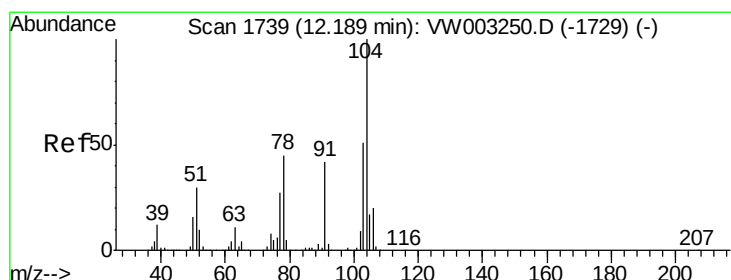
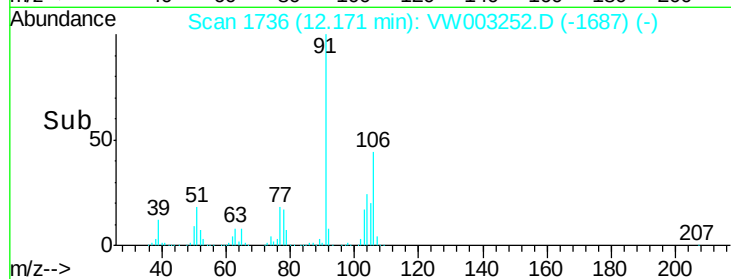
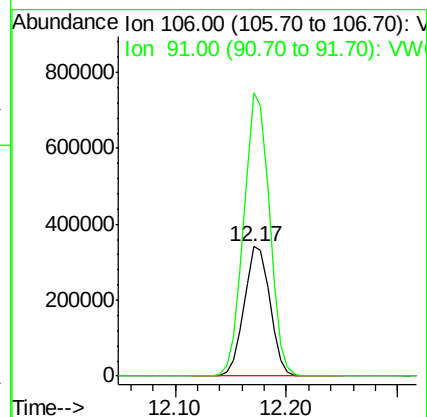
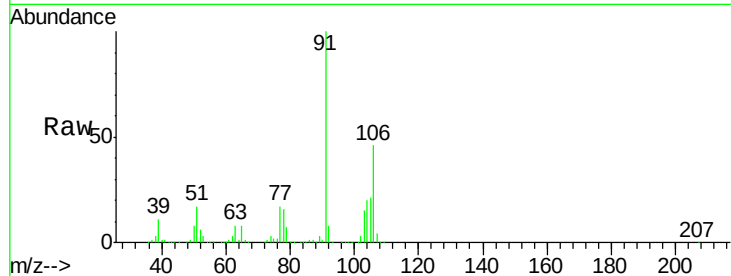
#69
o-Xylene
Concen: 103.410 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 550914
Ion Ratio Lower Upper
106 100
91 217.5 108.6 325.6

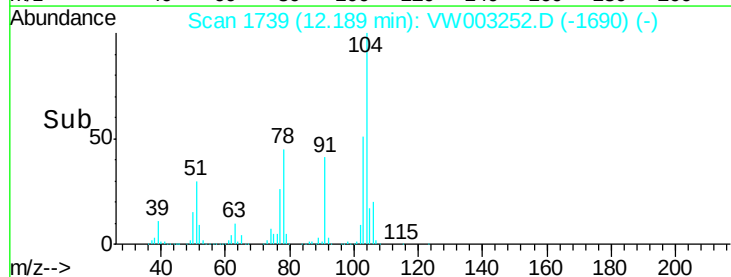
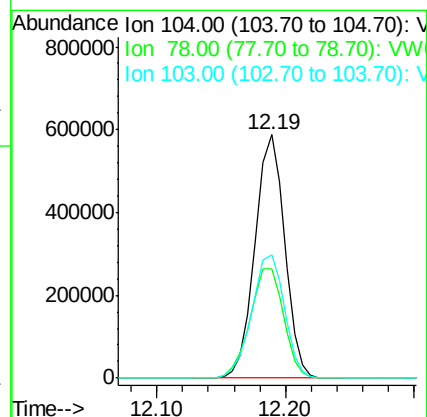
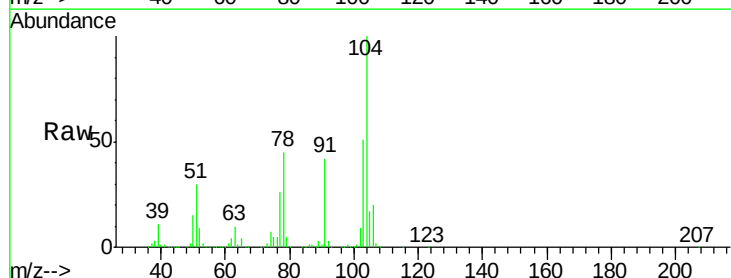
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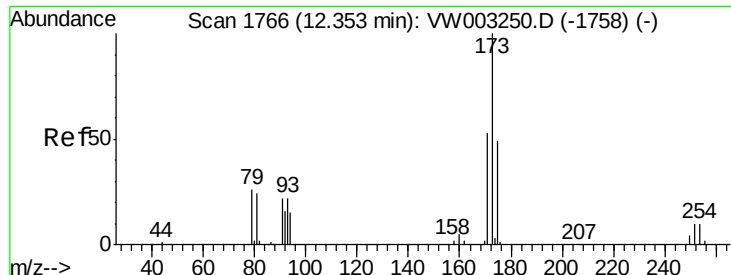
apatel
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#70
Styrene
Concen: 104.938 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion:104 Resp: 933496
Ion Ratio Lower Upper
104 100
78 51.0 41.3 61.9
103 55.9 45.0 67.4





#71

Bromoform

Concen: 104.923 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion:173 Resp: 163430

Ion Ratio Lower Upper

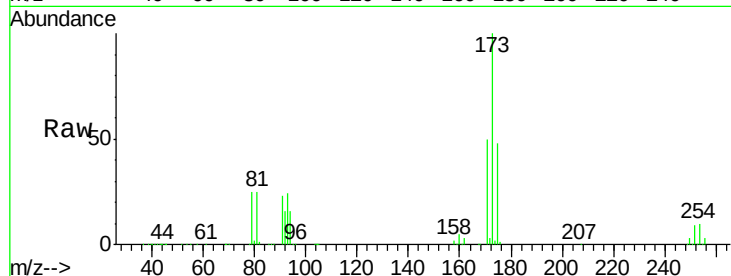
173 100

175 48.4 24.4 73.4

254 0.1 0.1 0.1#

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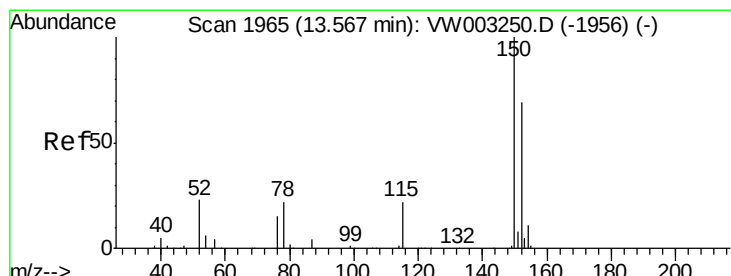
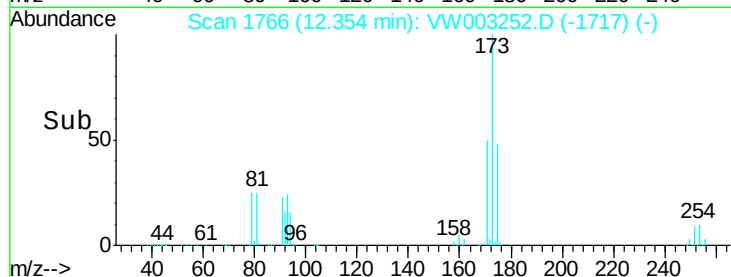
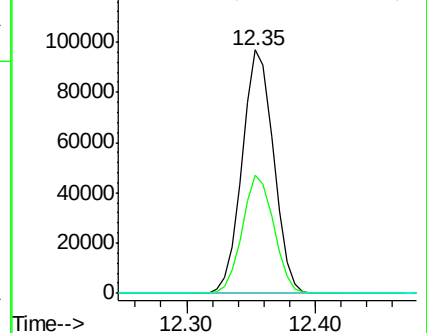
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW003252.D

Acq: 13 Jun 2018 18:15

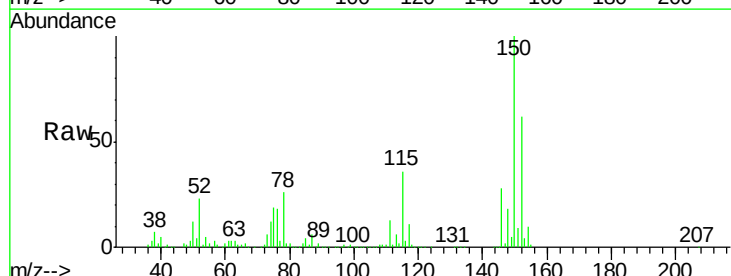
Tgt Ion:152 Resp: 211460

Ion Ratio Lower Upper

152 100

115 58.2 29.3 88.0

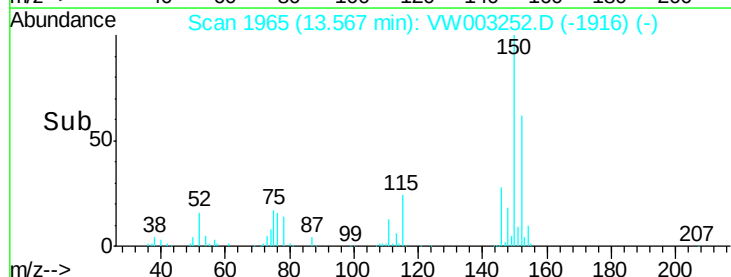
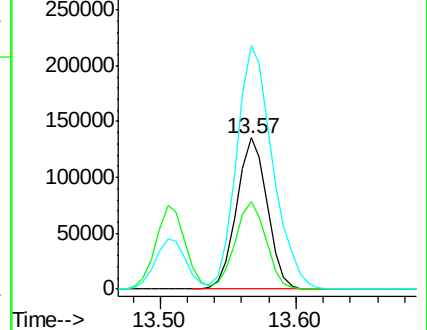
150 190.0 0.0 349.6

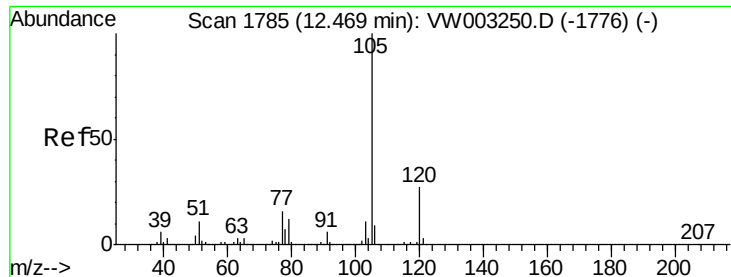


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 106.430 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 105 Resp: 1557931

Ion Ratio Lower Upper

105 100

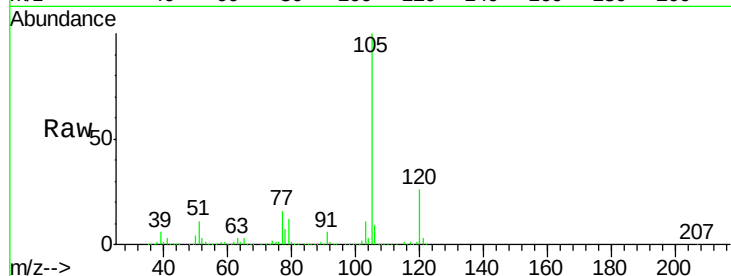
120 26.3 13.2 39.6

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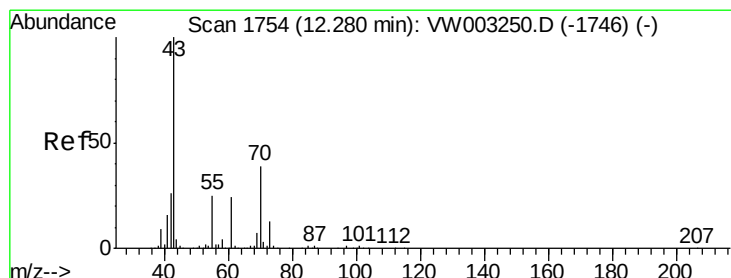
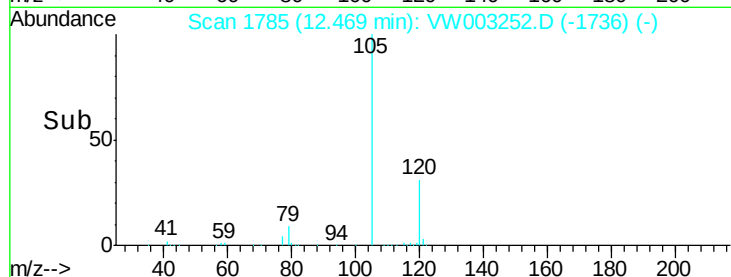
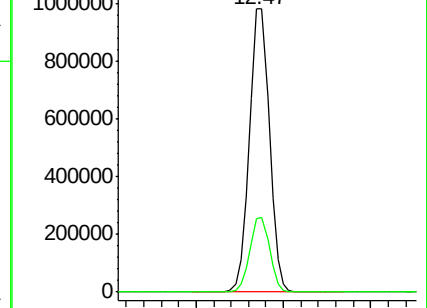
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 111.352 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Tgt Ion: 43 Resp: 375619

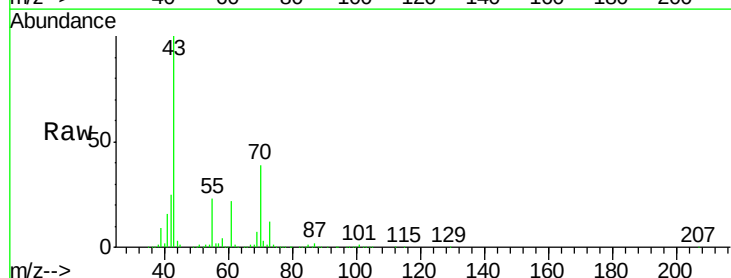
Ion Ratio Lower Upper

43 100

70 38.4 31.0 46.6

55 23.5 19.7 29.5

61 22.4 18.1 27.1

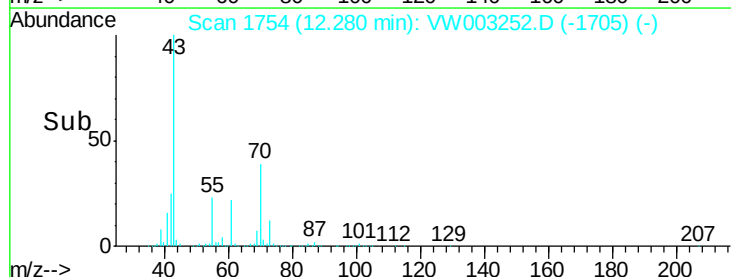
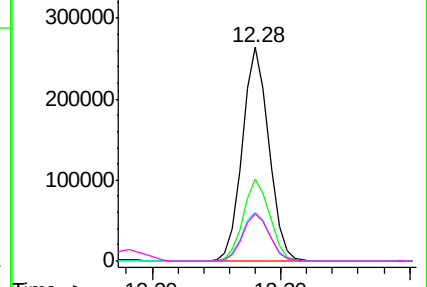


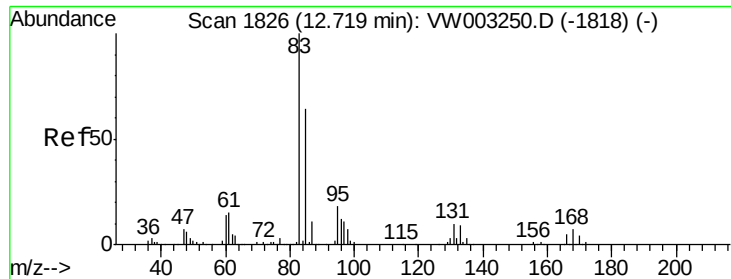
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 101.958 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

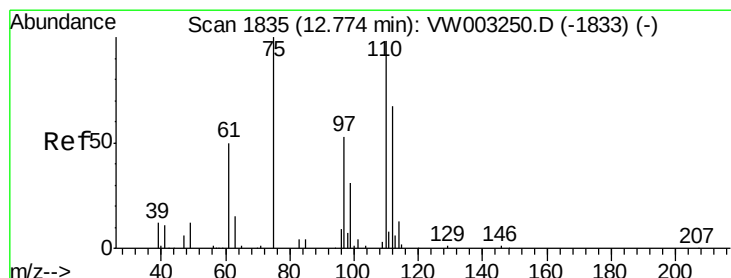
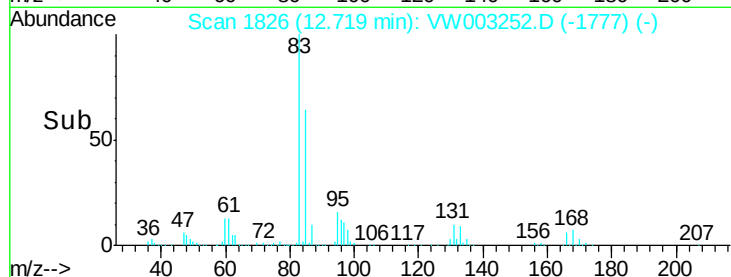
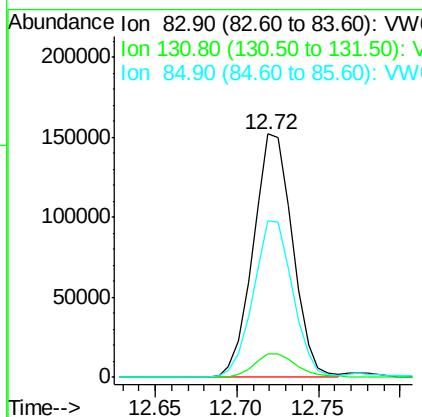
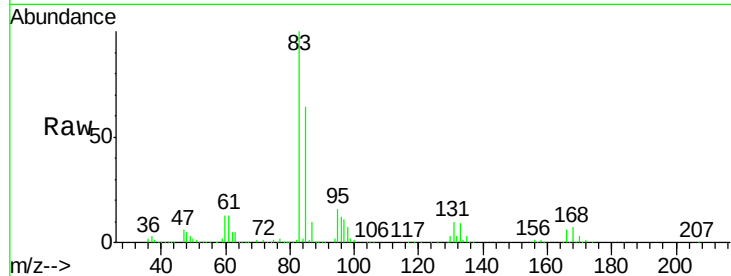
ClientSampleId :

VSTDIC100

Tgt Ion:	83	Resp:	254227
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	64.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 96.910 ug/l m

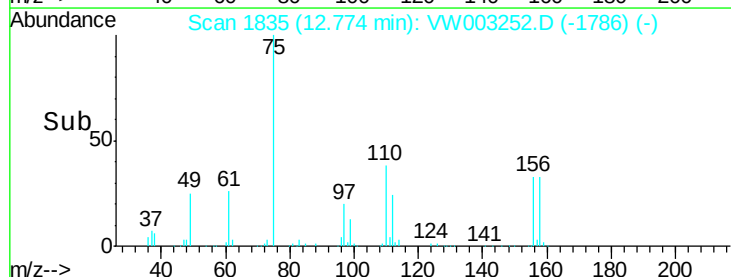
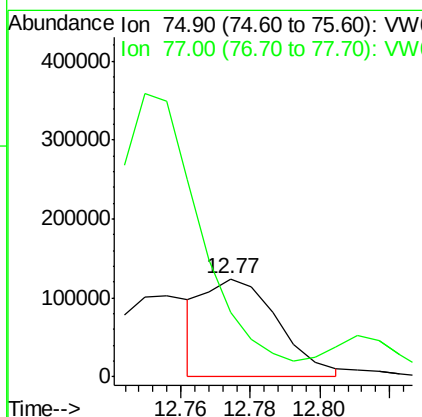
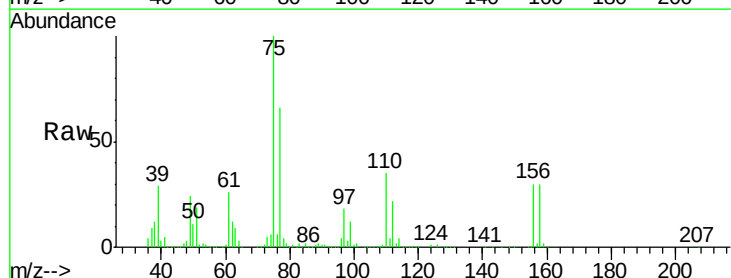
RT: 12.77 min Scan# 1835

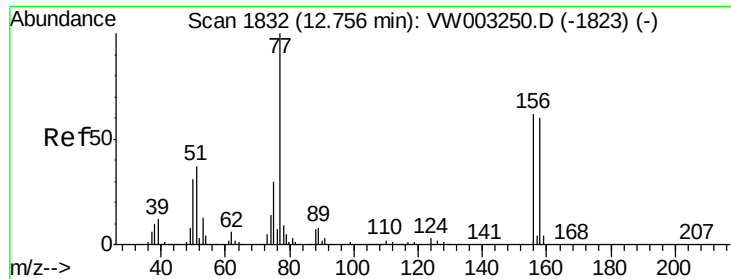
Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Tgt Ion:	75	Resp:	181738
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





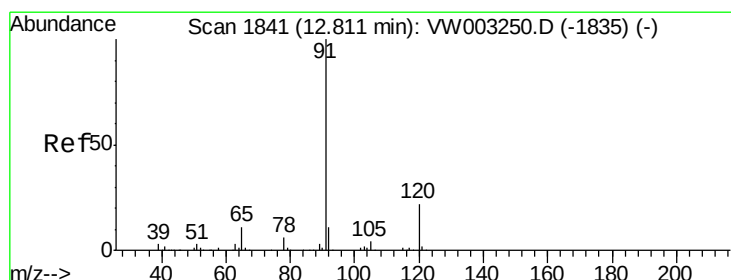
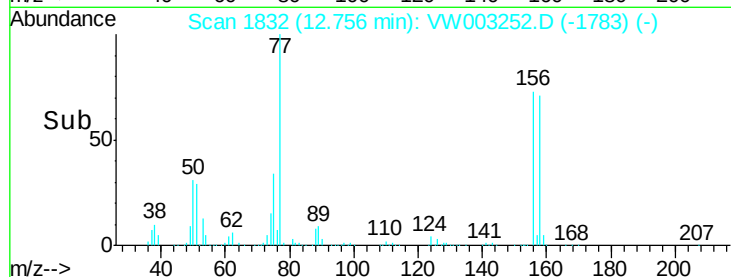
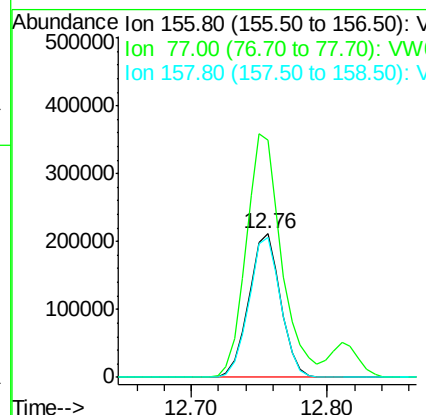
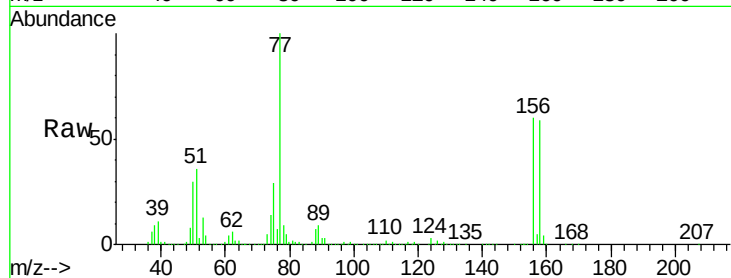
#77
Bromobenzene
Concen: 100.139 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
156	100		
77	188.3	92.3	276.9
158	97.3	47.5	142.6

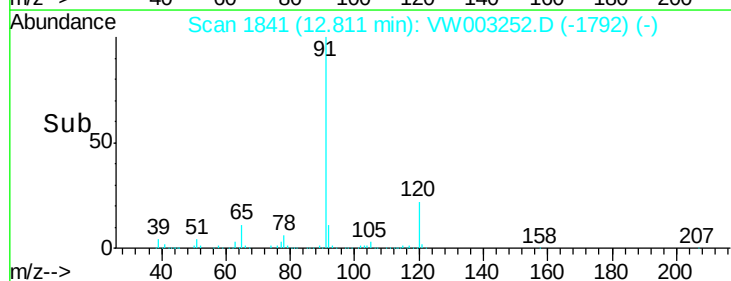
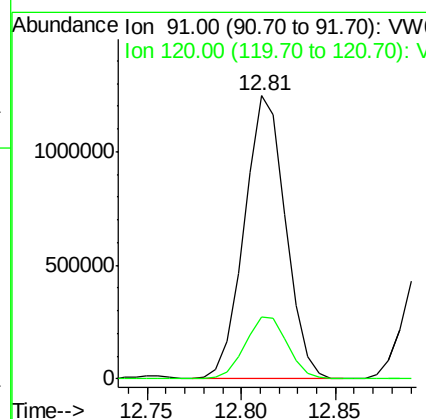
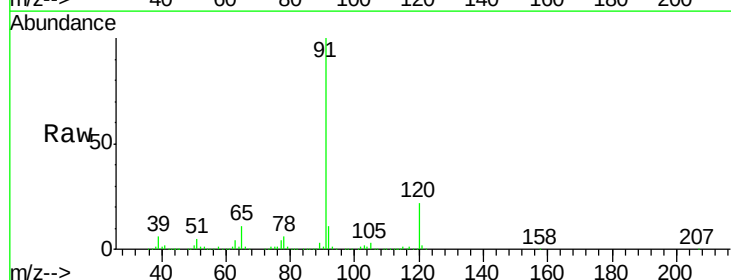
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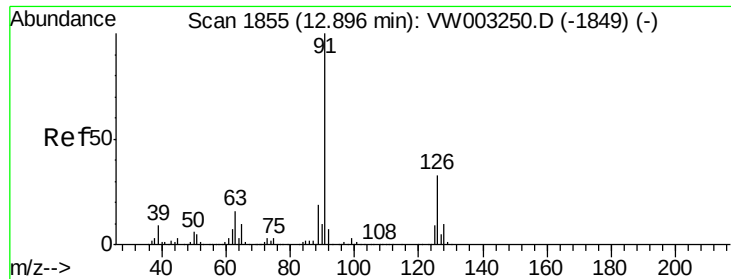
apatel
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#78
n-propylbenzene
Concen: 108.091 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.8





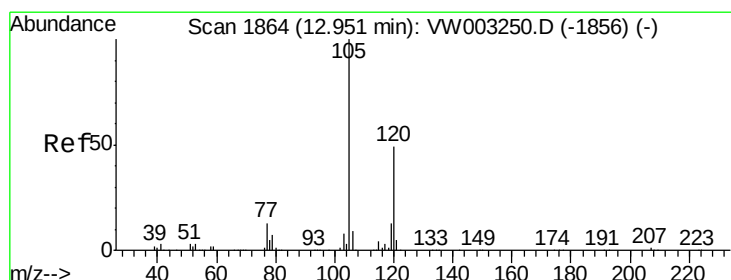
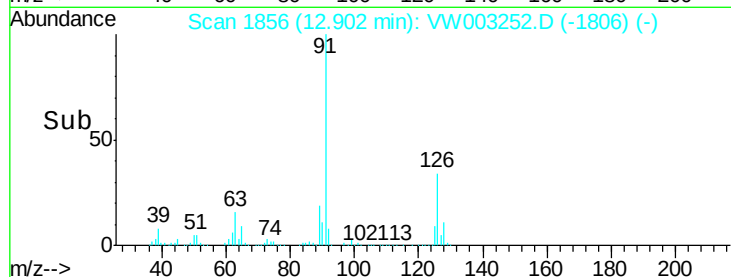
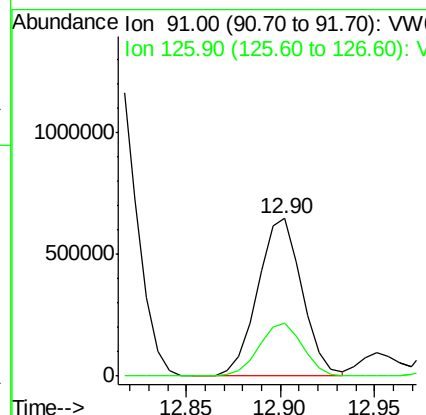
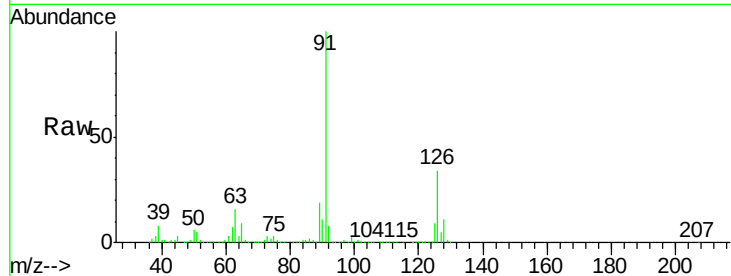
#79
 2-Chlorotoluene
 Concen: 105.495 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 91 Resp: 1047791
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.8 50.4

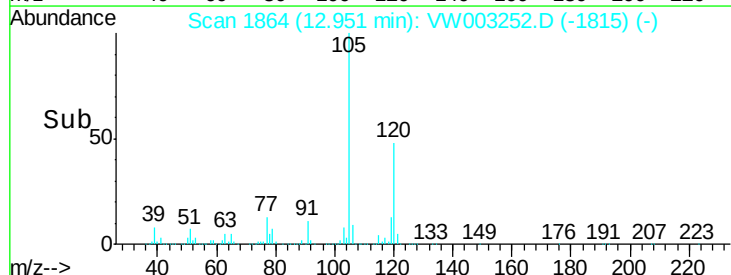
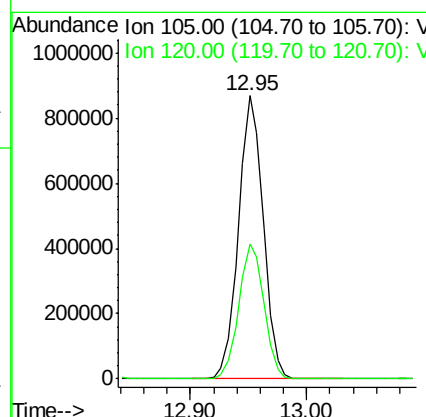
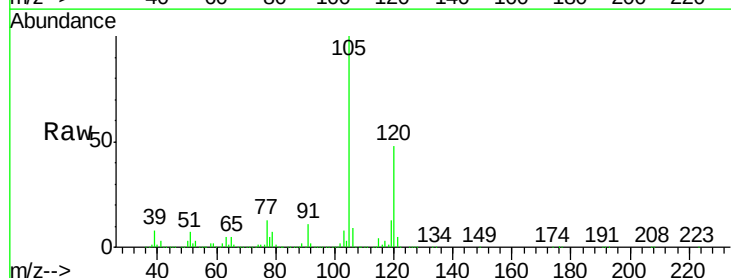
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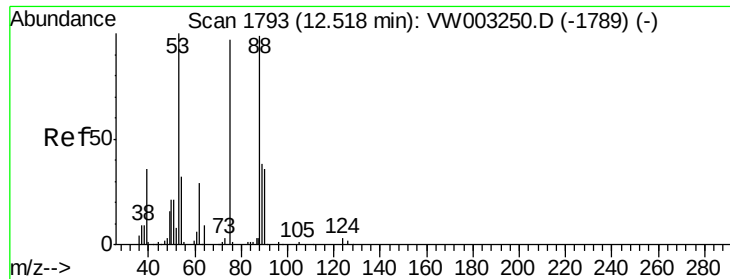
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 105.406 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 105 Resp: 1286719
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 116.223 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

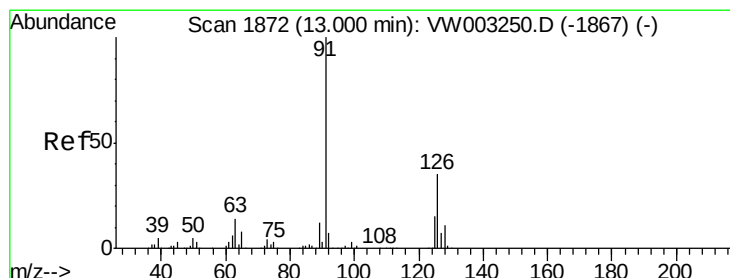
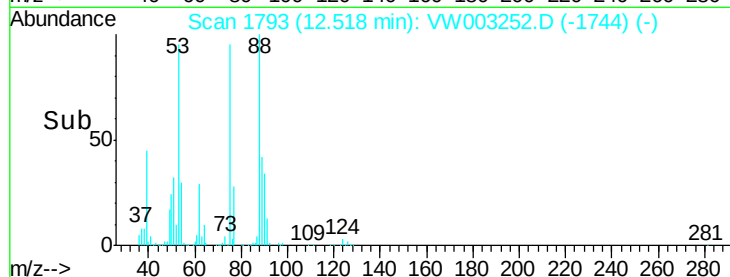
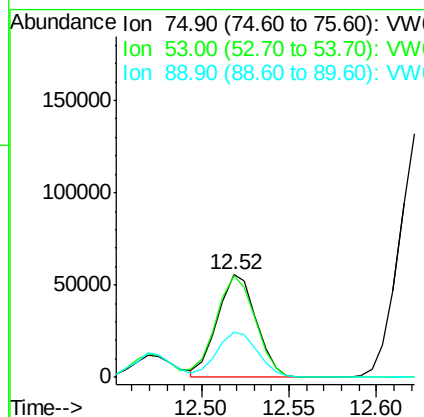
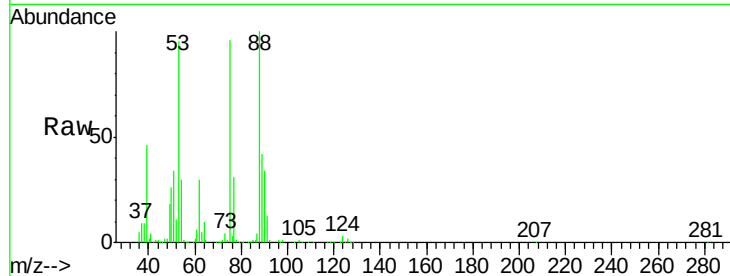
ClientSampleId :

VSTDIC100

Tgt Ion:	75	Resp:	85927
Ion Ratio	Lower	Upper	
75	100		
53	102.1	82.9	124.3
89	46.0	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 103.750 ug/l

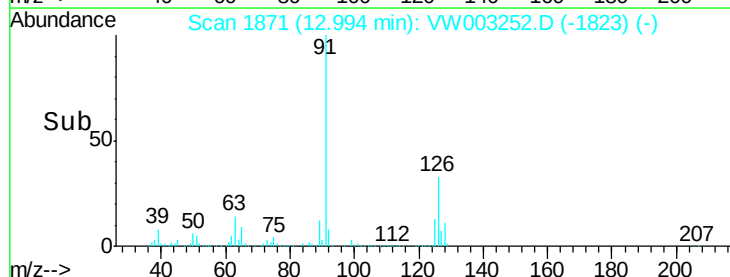
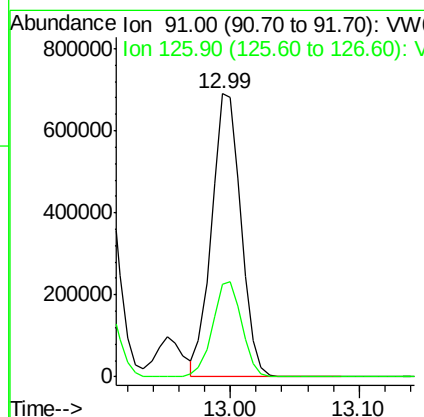
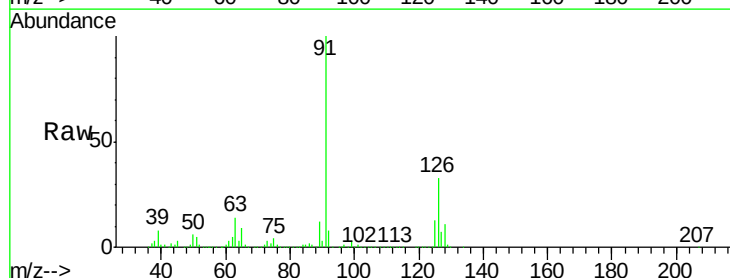
RT: 12.99 min Scan# 1871

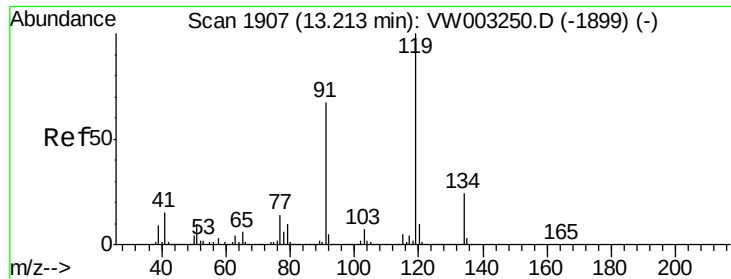
Delta R.T. -0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Tgt Ion:	91	Resp:	1100087
Ion Ratio	Lower	Upper	
91	100		
126	33.5	16.8	50.3





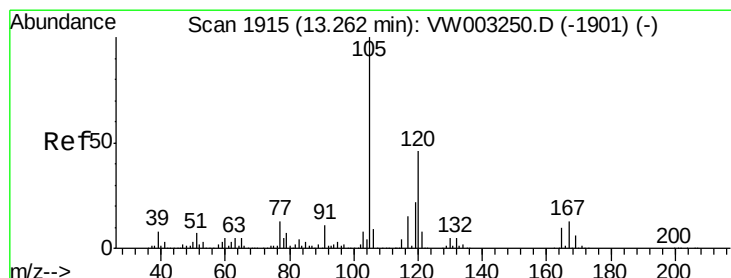
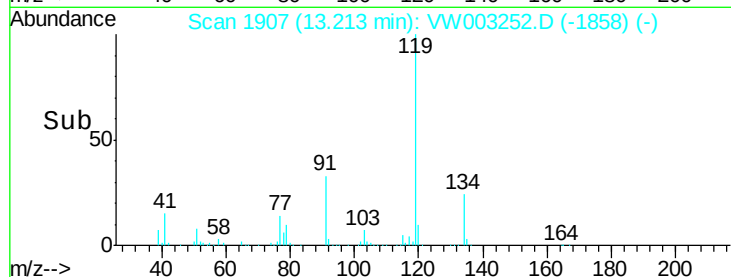
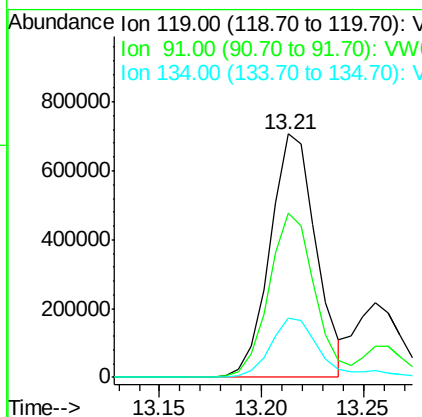
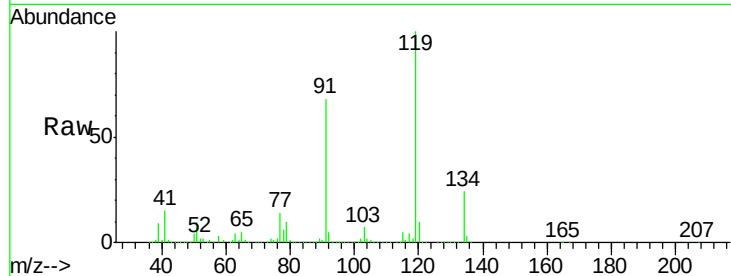
#83
 tert-Butylbenzene
 Concen: 103.154 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 1108397
 Ion Ratio Lower Upper
 119 100
 91 67.4 33.9 101.7
 134 26.3 13.4 40.1

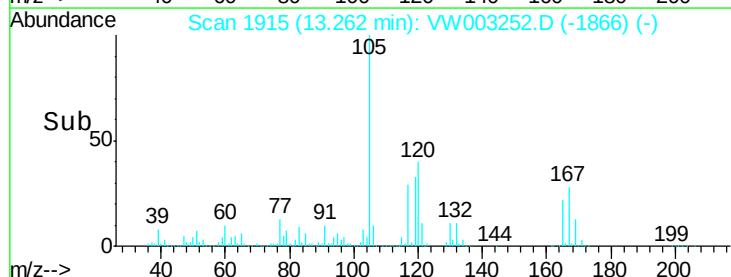
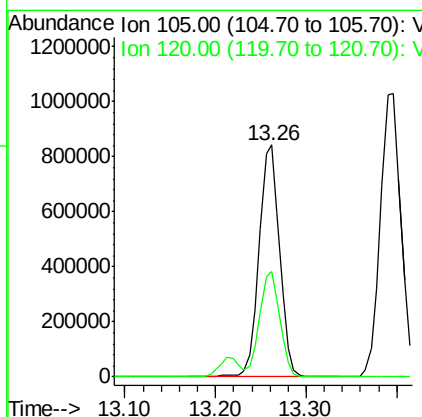
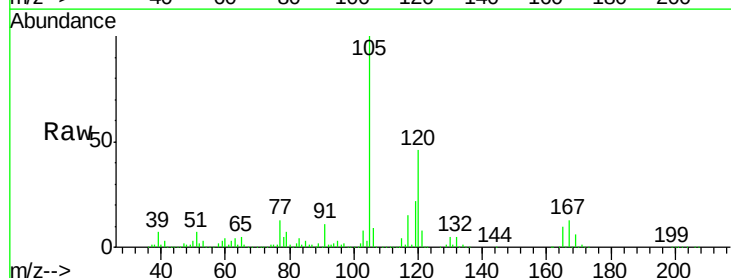
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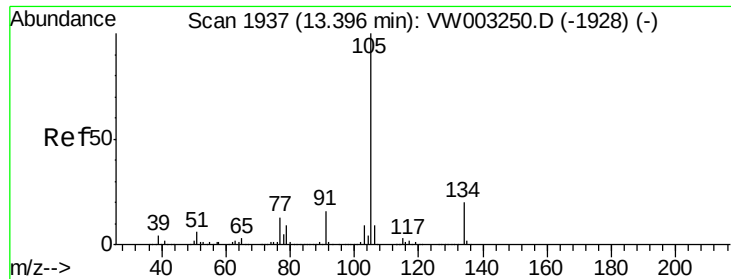
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 104.313 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion:105 Resp: 1315263
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5





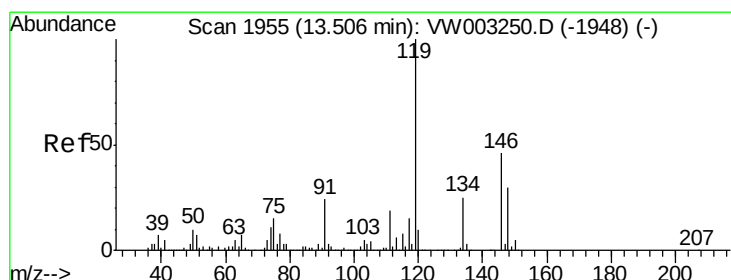
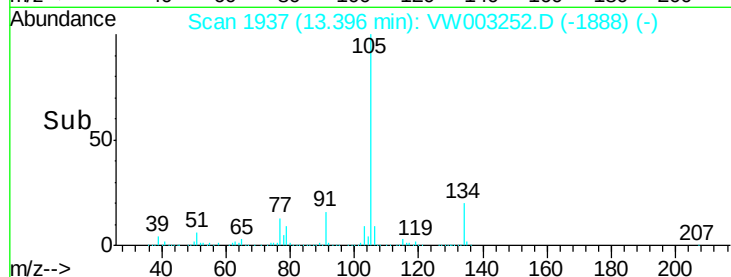
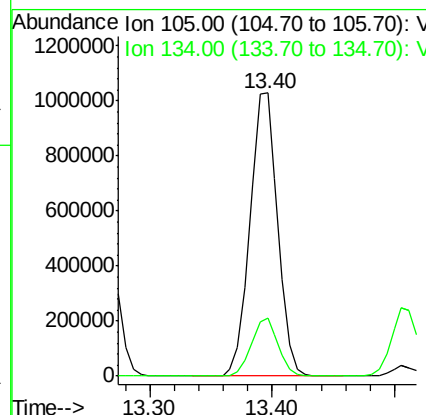
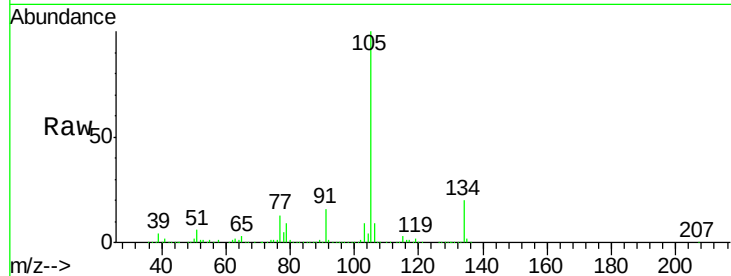
#85
 sec-Butylbenzene
 Concen: 105.884 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 1616075
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

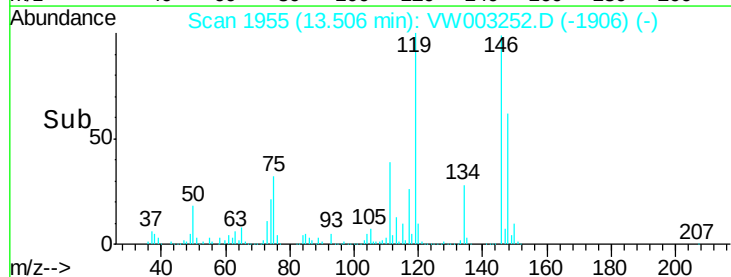
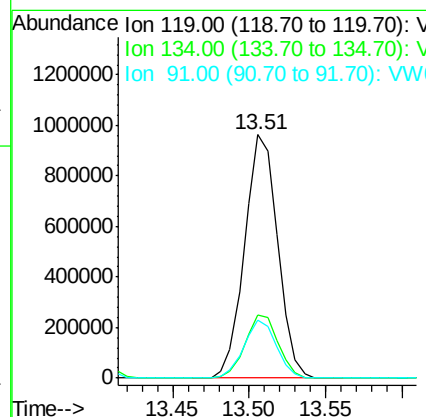
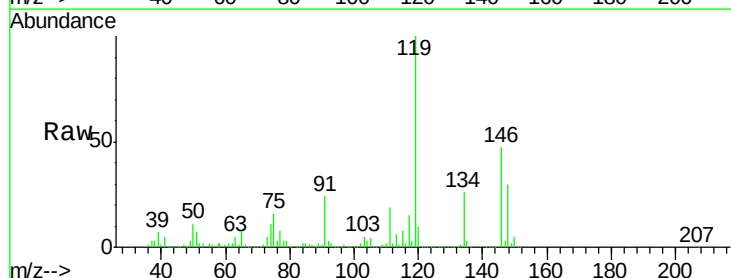
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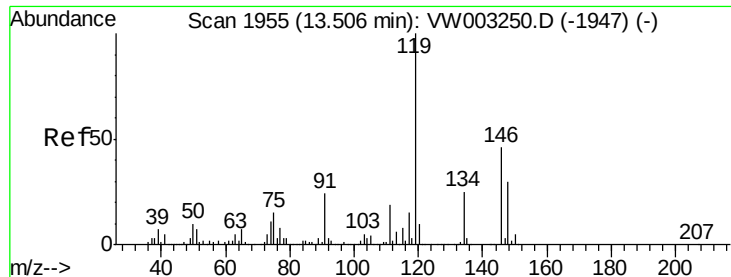
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#86
 p-Isopropyltoluene
 Concen: 105.591 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion:119 Resp: 1441034
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 23.4 11.8 35.3





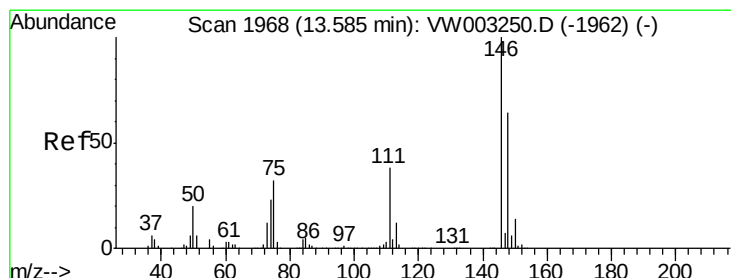
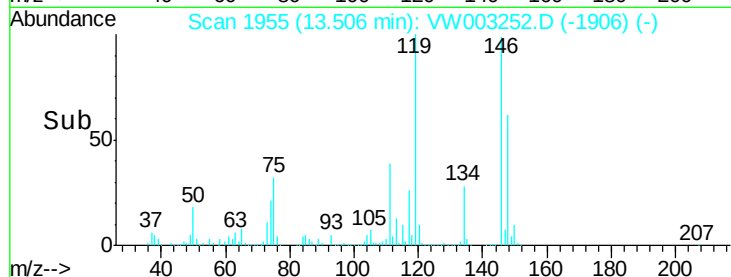
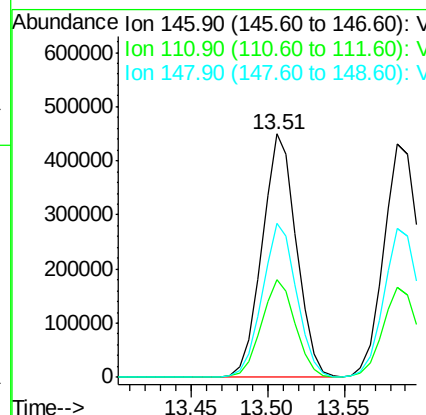
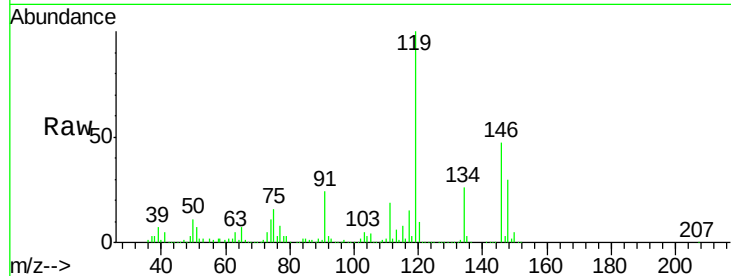
#87
1,3-Dichlorobenzene
Concen: 101.121 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.4
148	63.4	32.1	96.5

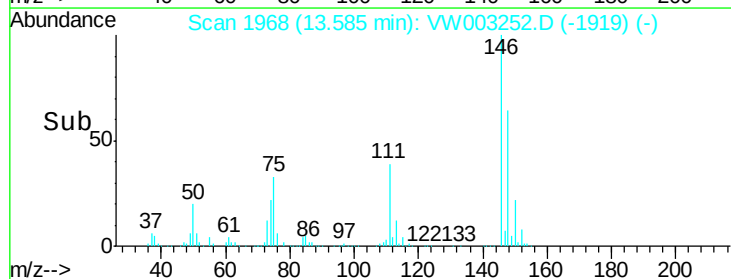
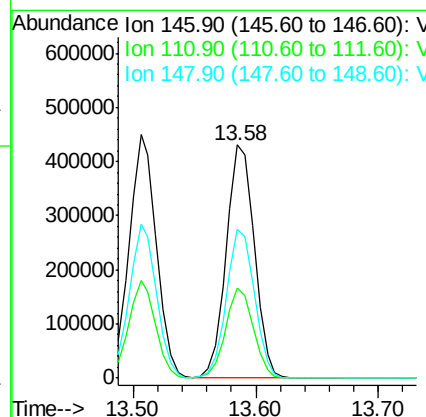
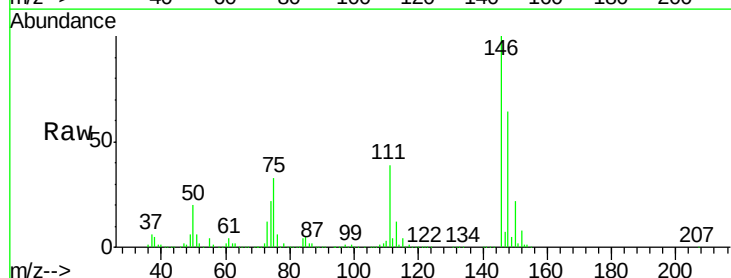
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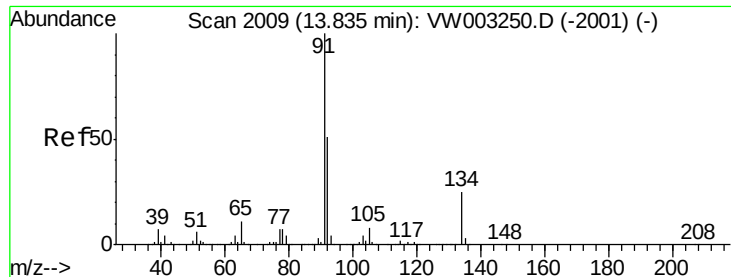
apatel
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#88
1,4-Dichlorobenzene
Concen: 98.932 ug/l
RT: 13.58 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.2	57.6
148	63.5	31.8	95.4





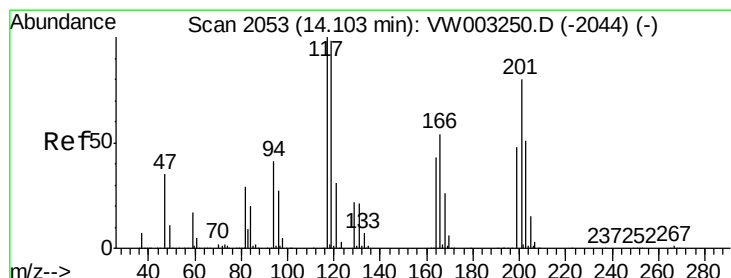
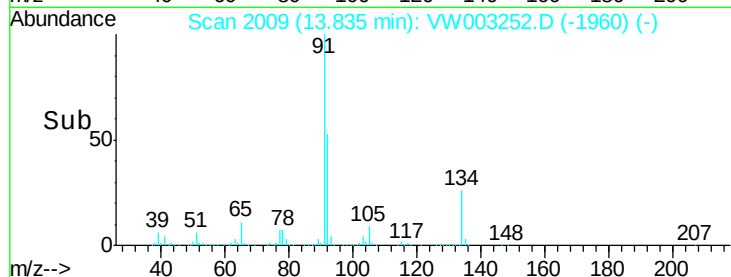
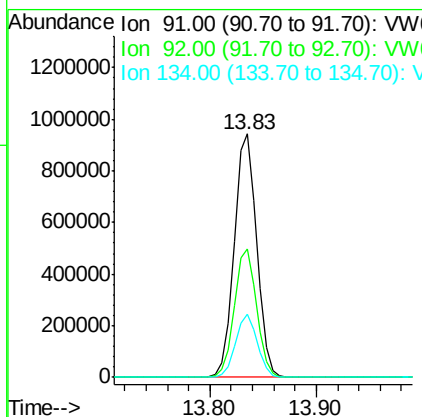
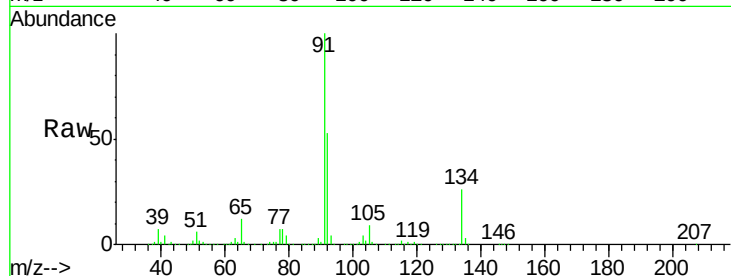
#89
n-Butylbenzene
Concen: 107.816 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1392295
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 25.3 12.7 38.0

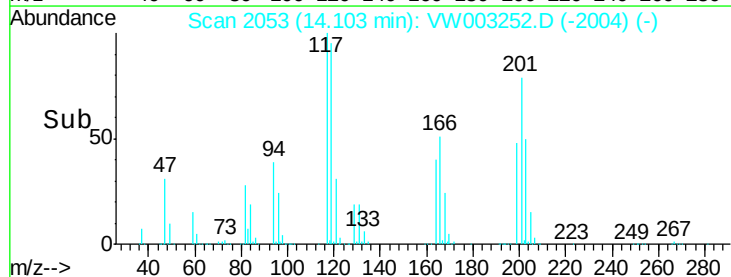
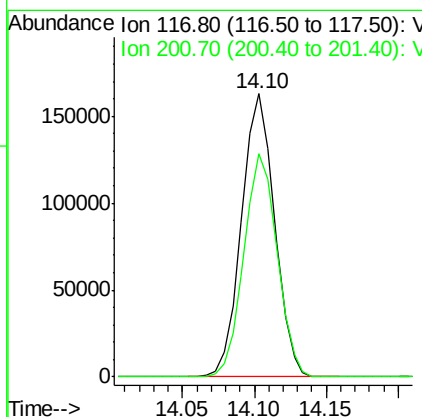
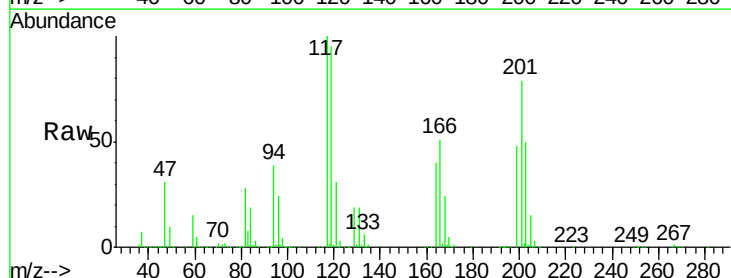
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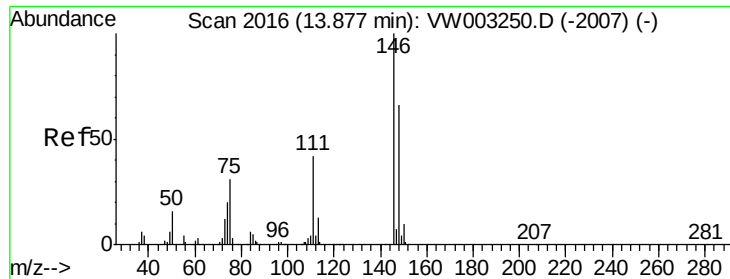
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#90
Hexachloroethane
Concen: 106.778 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 117 Resp: 258798
Ion Ratio Lower Upper
117 100
201 79.3 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 98.997 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

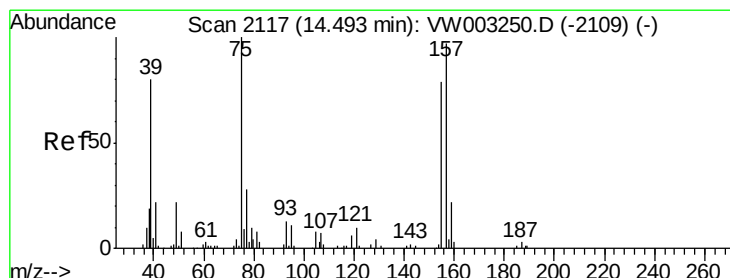
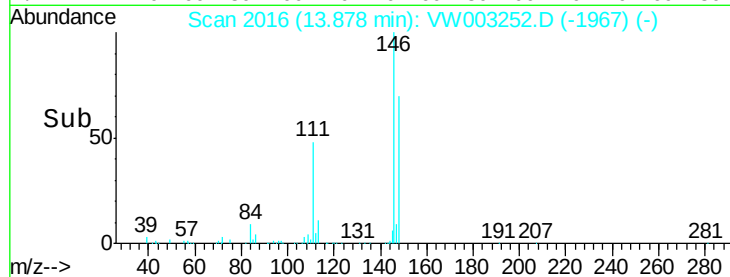
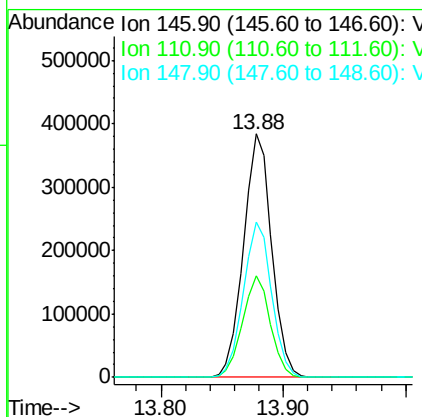
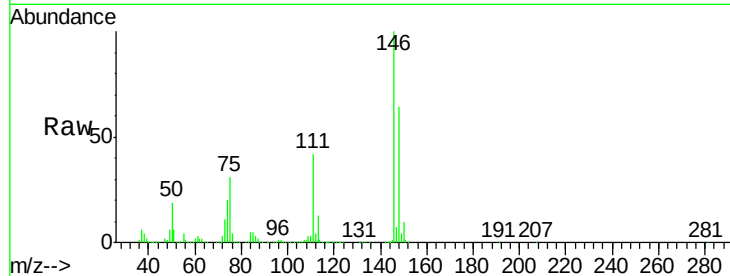
ClientSampleId :

VSTDIC100

Tgt Ion:	146	Resp:	612442
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.3	61.0
148	63.9	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 101.080 ug/l

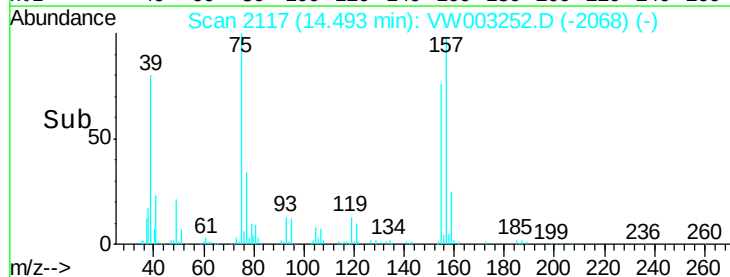
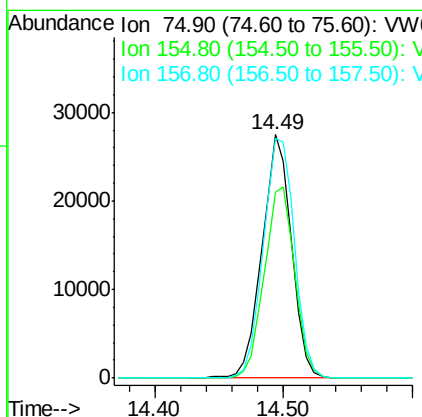
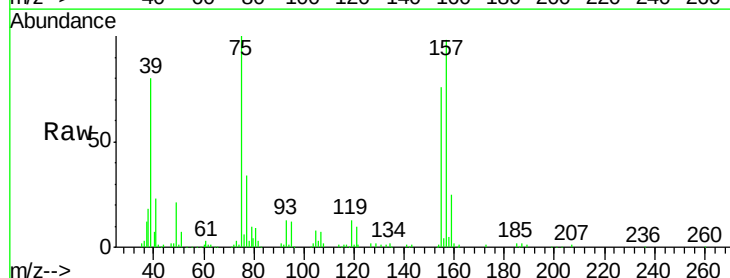
RT: 14.49 min Scan# 2117

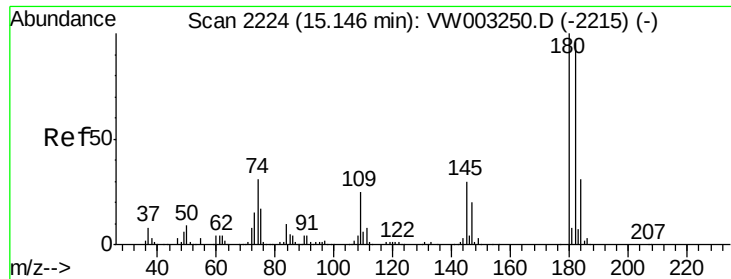
Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Tgt Ion:	75	Resp:	43291
Ion Ratio	Lower	Upper	
75	100		
155	81.6	39.4	118.2
157	104.6	51.5	154.5





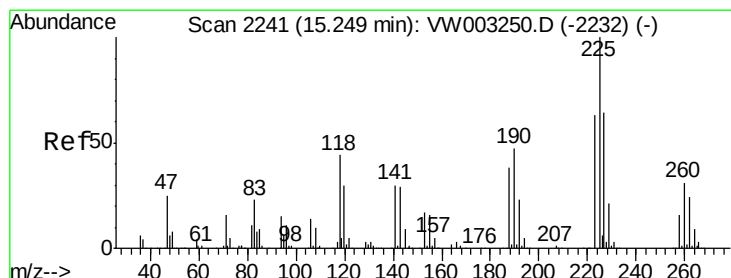
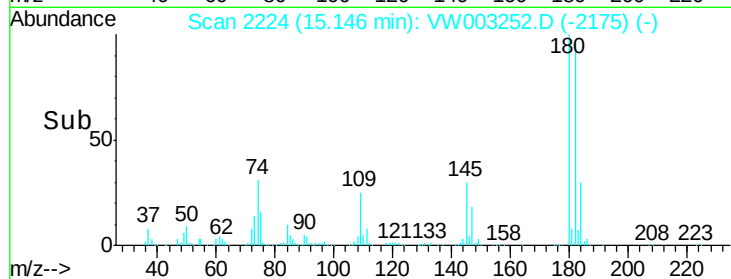
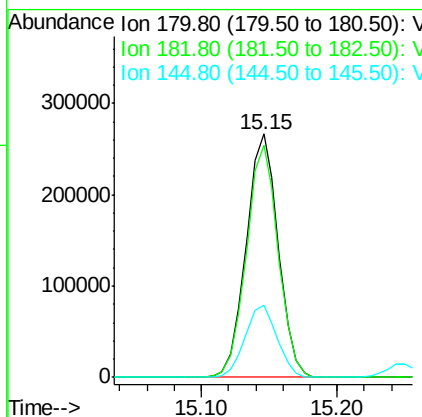
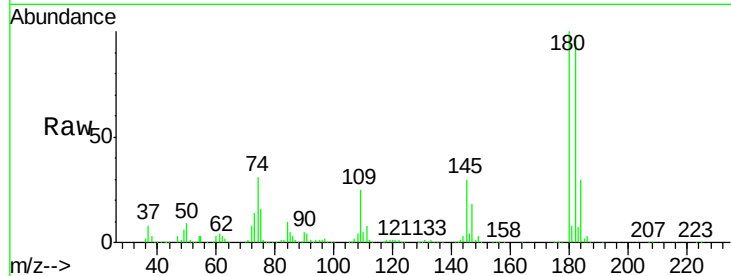
#93
 1,2,4-Trichlorobenzene
 Concen: 99.549 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	438461		
182	94.9	47.9	143.6	
145	30.1	15.2	45.5	

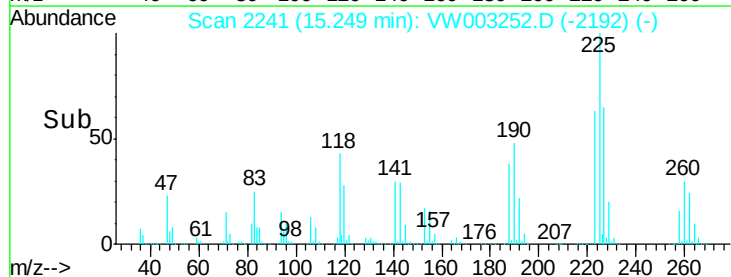
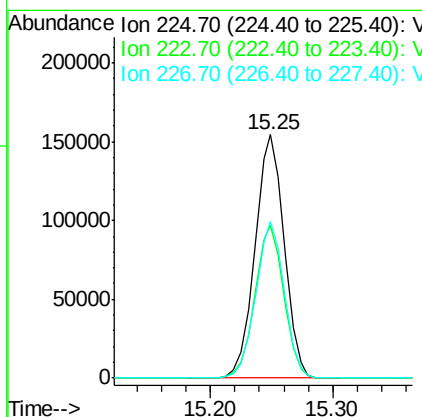
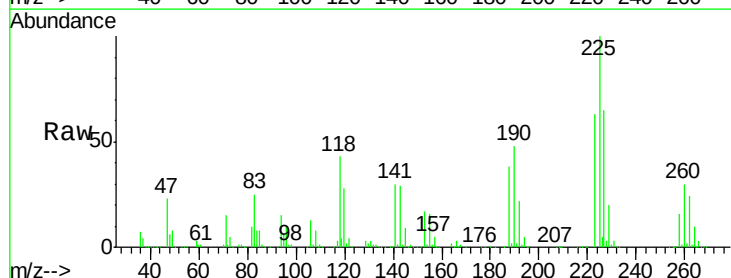
Manual Integrations
 APPROVED

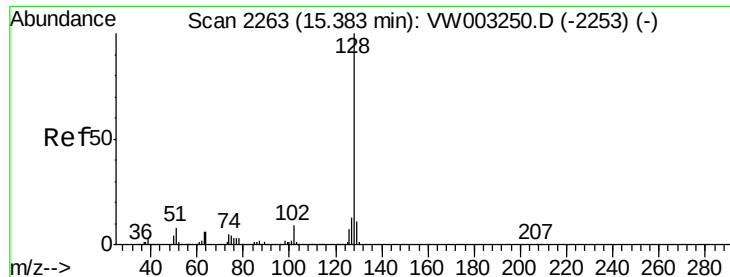
apatel
 6/14/2018 10:03:34 AM



#94
 Hexachlorobutadiene
 Concen: 99.024 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	255569		
223	62.4	30.6	92.0	
227	63.2	31.7	95.1	





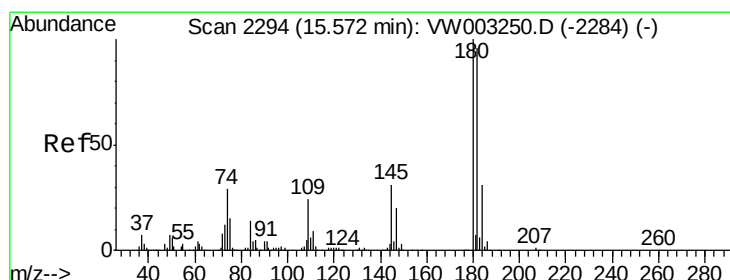
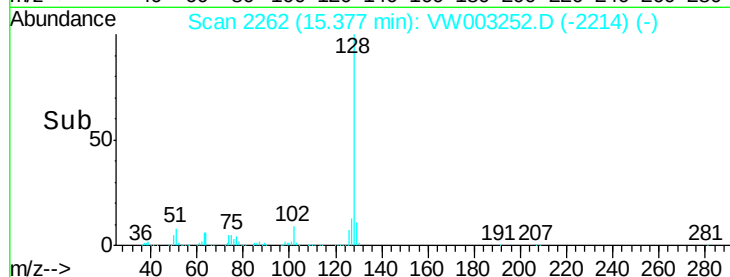
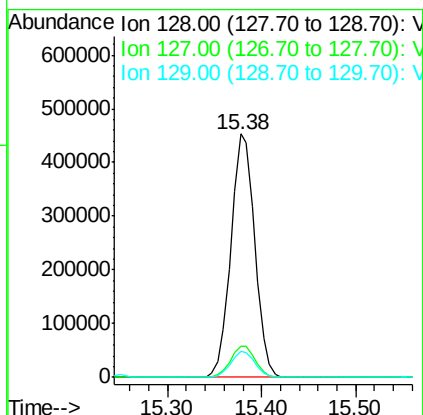
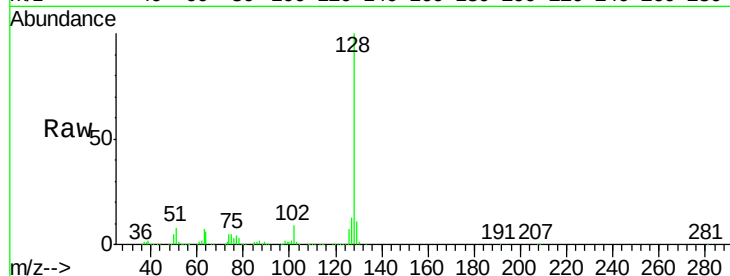
#95
Naphthalene
Concen: 101.639 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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

Manual Integrations
APPROVED

apatel
6/14/2018 10:03:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 98.069 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

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

