

Data File : VW003249.D
Acq On : 13 Jun 2018 16:58
Operator : VA/AP
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:34 AM

Quant Time: Jun 14 08:05:00 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	278751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	427721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	206976	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58782	21.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.70%	
35) Dibromofluoromethane	7.88	113	52976	20.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.94%	
50) Toluene-d8	10.33	98	211117	21.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.04%	
62) 4-Bromofluorobenzene	12.63	95	73792	20.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	15337	18.947	ug/l	92
3) Chloromethane	2.21	50	42564	19.916	ug/l	96
4) Vinyl Chloride	2.36	62	62775	18.998	ug/l	97
5) Bromomethane	2.78	94	41406	17.315	ug/l	99
6) Chloroethane	2.92	64	44487	17.808	ug/l	98
7) Trichlorofluoromethane	3.25	101	40233	21.750	ug/l	94
8) Diethyl Ether	3.68	74	26105	17.819	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54287	21.790	ug/l	98
10) Methyl Iodide	4.26	142	79166	19.369	ug/l	97
11) Tert butyl alcohol	5.24	59	14074m	78.080	ug/l	
12) 1,1-Dichloroethene	4.03	96	50903	20.287	ug/l	99
13) Acrolein	3.90	56	24217	128.782	ug/l	97
14) Allyl chloride	4.66	41	87872	21.114	ug/l	99
15) Acrylonitrile	5.38	53	54407	95.972	ug/l	97
16) Acetone	4.14	43	58873	107.102	ug/l	99
17) Carbon Disulfide	4.37	76	149425	19.742	ug/l	99
18) Methyl Acetate	4.68	43	27133	19.175	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	93055	19.719	ug/l	100
20) Methylene Chloride	4.92	84	61491	22.112	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56267	20.585	ug/l	86
22) Diisopropyl ether	6.31	45	174701	20.590	ug/l	96
23) Vinyl Acetate	6.26	43	500933	100.301	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106044	21.208	ug/l	99
25) 2-Butanone	7.18	43	74362	98.628	ug/l	100
26) 2,2-Dichloropropane	7.17	77	71153	23.077	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	60037	19.996	ug/l	97
28) Bromochloromethane	7.51	49	39797	19.724	ug/l	99
29) Tetrahydrofuran	7.54	42	45683	93.951	ug/l	99
30) Chloroform	7.68	83	106615	20.744	ug/l	100
31) Cyclohexane	7.96	56	97363	20.620	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	88175	21.179	ug/l	99
36) 1,1-Dichloropropene	8.09	75	86208	21.446	ug/l	99
37) Ethyl Acetate	7.26	43	34746	19.668	ug/l	99
38) Carbon Tetrachloride	8.07	117	84107	21.437	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99236	20.840	ug/l	97
40) Benzene	8.33	78	233086	20.708	ug/l	99
41) Methacrylonitrile	7.49	41	22027	21.741	ug/l	97
42) 1,2-Dichloroethane	8.40	62	71920	20.551	ug/l	100
43) Isopropyl Acetate	8.43	43	65103	19.057	ug/l	99
44) Trichloroethene	9.10	130	60722	20.045	ug/l	100
45) 1,2-Dichloropropane	9.38	63	57385	20.306	ug/l	96
46) Dibromomethane	9.46	93	30857	20.429	ug/l	98
47) Bromodichloromethane	9.65	83	76112	20.635	ug/l	99
48) Methyl methacrylate	9.44	41	31958	19.682	ug/l	97
49) 1,4-Dioxane	9.49	88	8618	368.146	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	170804	98.378	ug/l	100
52) Toluene	10.39	92	149482	20.698	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	75772	19.948	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	88647	20.517	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41529	19.897	ug/l	96
56) Ethyl methacrylate	10.65	69	49484	19.128	ug/l	99
57) 1,3-Dichloropropane	10.94	76	73322	20.337	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	115040	97.495	ug/l	99
59) 2-Hexanone	10.98	43	118403	100.212	ug/l	100
60) Dibromochloromethane	11.13	129	49101	19.562	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39554	19.668	ug/l	98
64) Tetrachloroethene	10.87	164	54069	19.887	ug/l	97
65) Chlorobenzene	11.66	112	162940	20.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	57315	20.814	ug/l	100
67) Ethyl Benzene	11.74	91	293969	21.057	ug/l	98
68) m/p-Xylenes	11.85	106	223440	41.864	ug/l	100
69) o-Xylene	12.17	106	102734	20.412	ug/l	100
70) Styrene	12.19	104	170900	20.335	ug/l	100
71) Bromoform	12.35	173	29274	19.893	ug/l #	100
73) Isopropylbenzene	12.47	105	291052	20.314	ug/l	100
74) N-amyl acetate	12.28	43	63517	19.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47574	19.493	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	36446m	19.856	ug/l	
77) Bromobenzene	12.76	156	68494	20.278	ug/l	97
78) n-propylbenzene	12.81	91	363898	21.269	ug/l	100
79) 2-Chlorotoluene	12.90	91	203746	20.958	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	250224	20.942	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	15286	21.123	ug/l	98
82) 4-Chlorotoluene	13.00	91	216384	20.849	ug/l	99
83) tert-Butylbenzene	13.21	119	209048	19.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	256804	20.808	ug/l	100
85) sec-Butylbenzene	13.40	105	317067	21.224	ug/l	100
86) p-Isopropyltoluene	13.51	119	278626	20.859	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	139830	20.562	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	136816	20.144	ug/l	97
89) n-Butylbenzene	13.83	91	272233	21.538	ug/l	100
90) Hexachloroethane	14.10	117	49556	20.889	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	122719	20.267	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7949	18.962	ug/l	97

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86436	20.050	ug/l	99
94) Hexachlorobutadiene	15.25	225	53314	21.105	ug/l	99
95) Naphthalene	15.38	128	141598	18.571	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	76649	20.200	ug/l	98

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

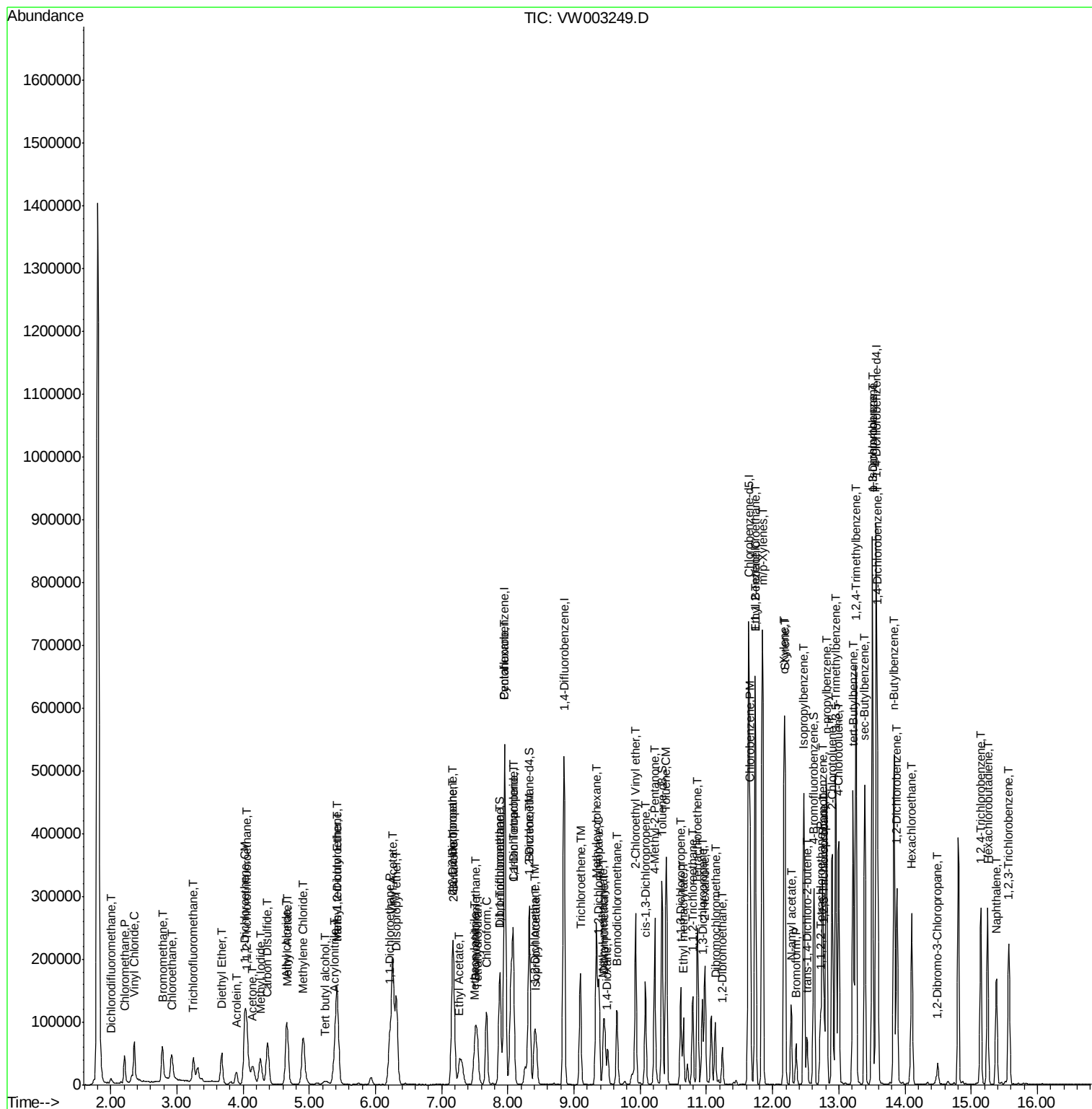
Data File : VW003249.D
Acq On : 13 Jun 2018 16:58
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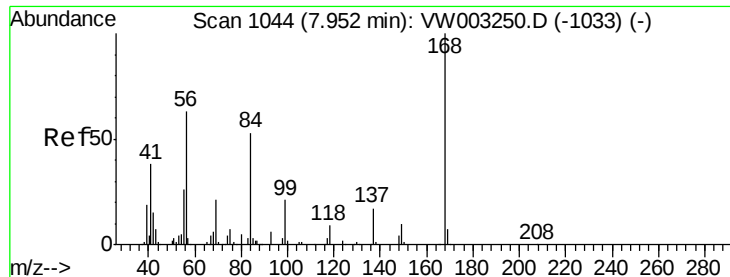
Instrument :
MSVOA_W
Client Sampled :
VSTDIC020

Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
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: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion:168 Resp: 278751

Ion Ratio Lower Upper

168 100

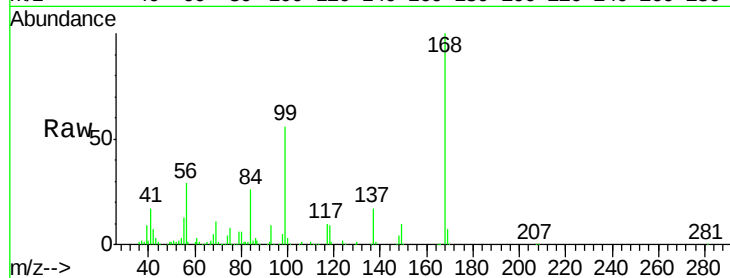
99 56.1 45.5 68.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

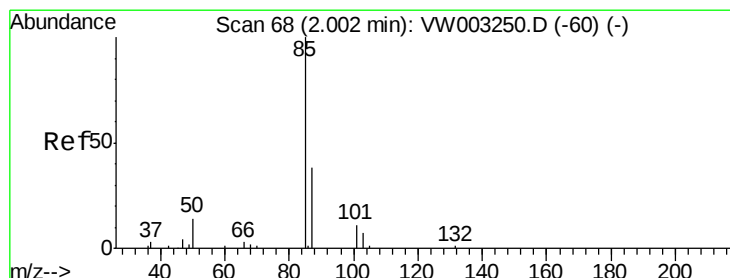
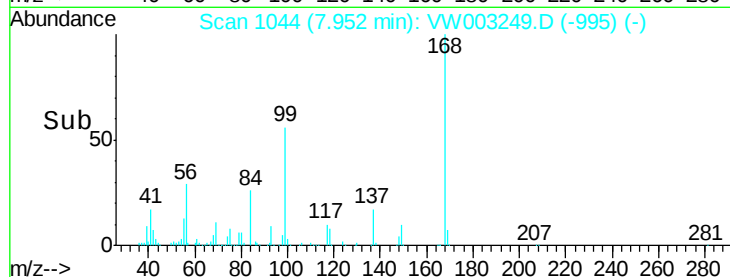
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.947 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003249.D

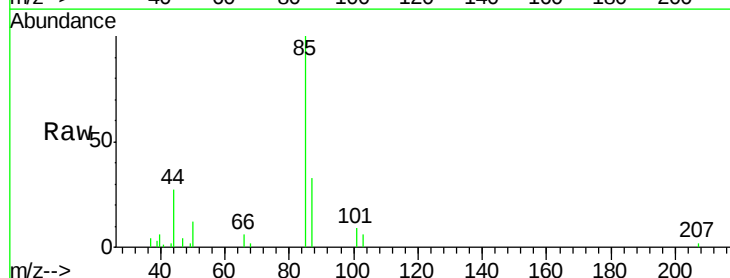
Acq: 13 Jun 2018 16:58

Tgt Ion: 85 Resp: 15337

Ion Ratio Lower Upper

85 100

87 32.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

3000

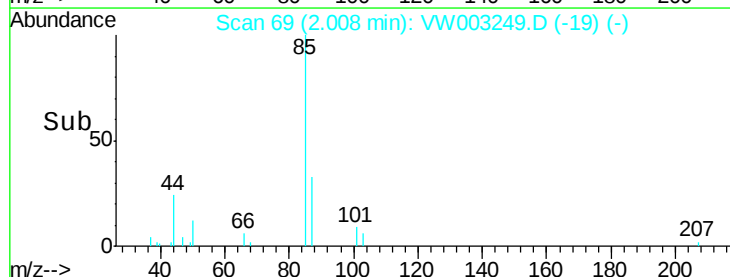
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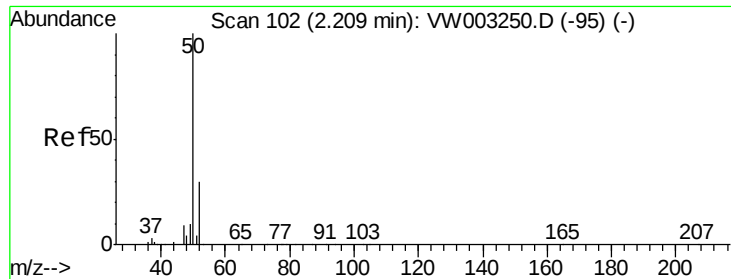
1000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 19.916 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 50 Resp: 42564

Ion Ratio Lower Upper

50 100

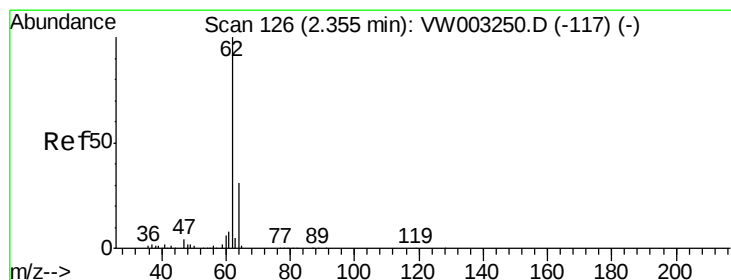
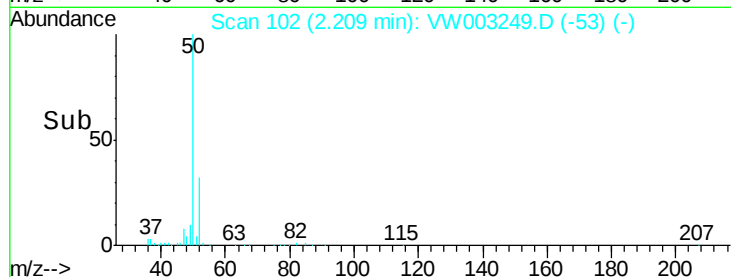
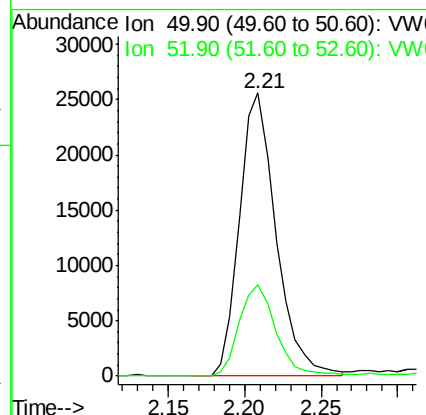
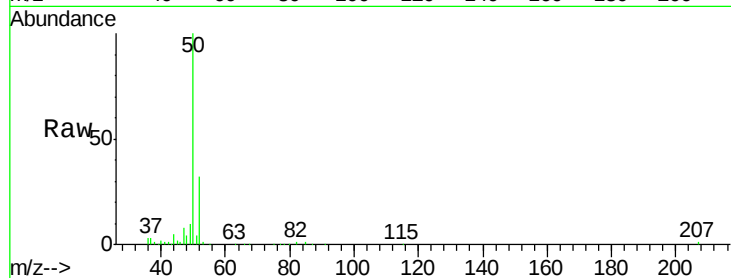
52 32.5 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.998 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003249.D

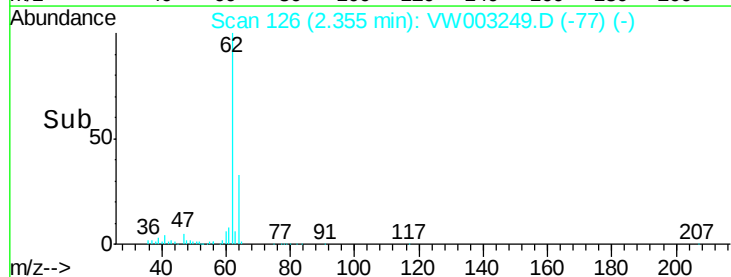
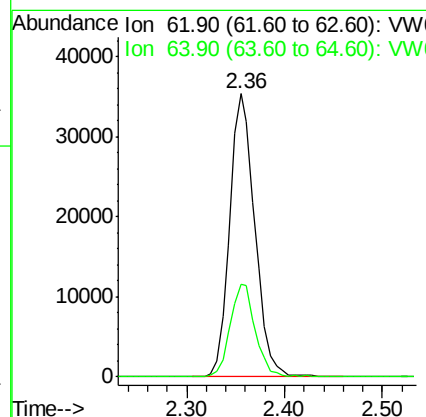
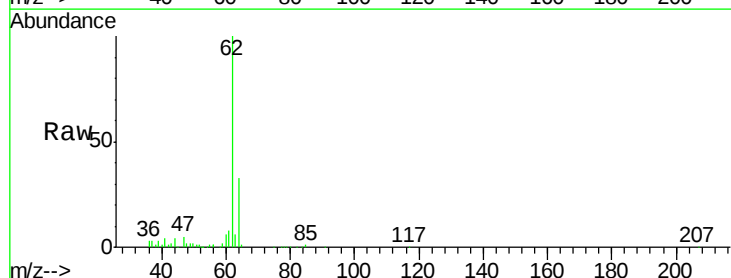
Acq: 13 Jun 2018 16:58

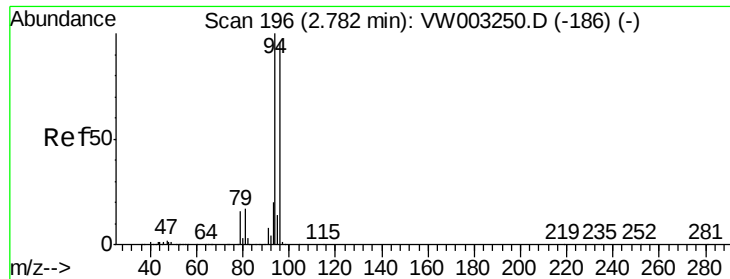
Tgt Ion: 62 Resp: 62775

Ion Ratio Lower Upper

62 100

64 32.7 24.9 37.3





#5

Bromomethane

Concen: 17.315 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 41406

Ion Ratio Lower Upper

94 100

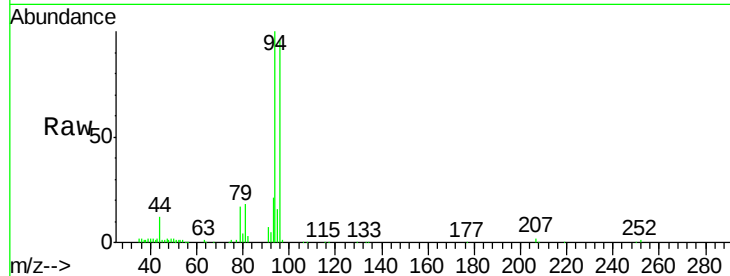
96 94.9 76.5 114.7

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

20000

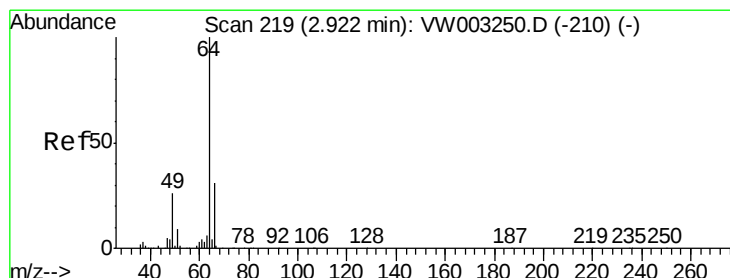
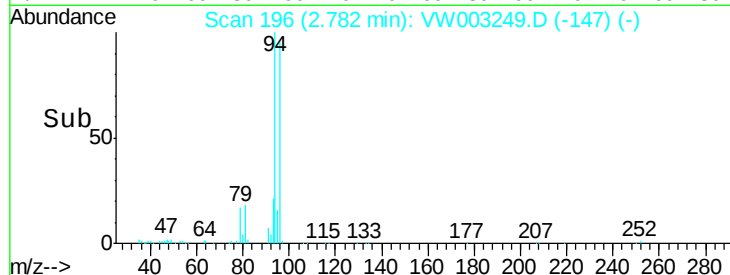
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.808 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW003249.D

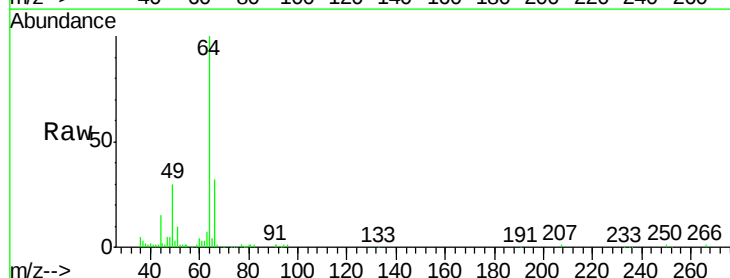
Acq: 13 Jun 2018 16:58

Tgt Ion: 64 Resp: 44487

Ion Ratio Lower Upper

64 100

66 31.7 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

20000

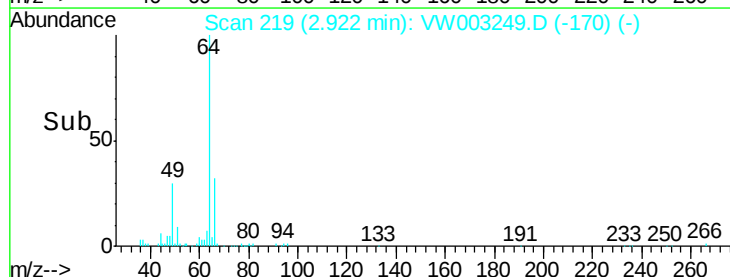
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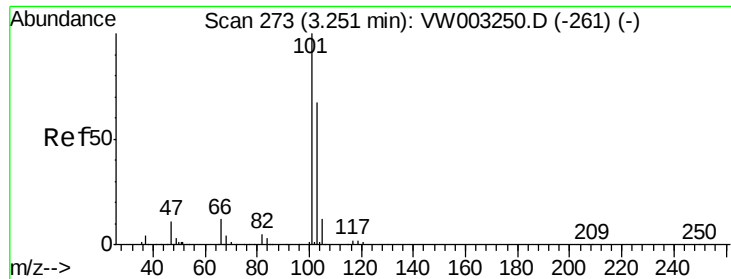
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5000

0

Time-->





#7

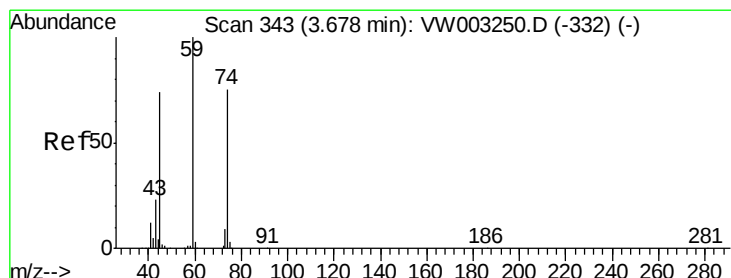
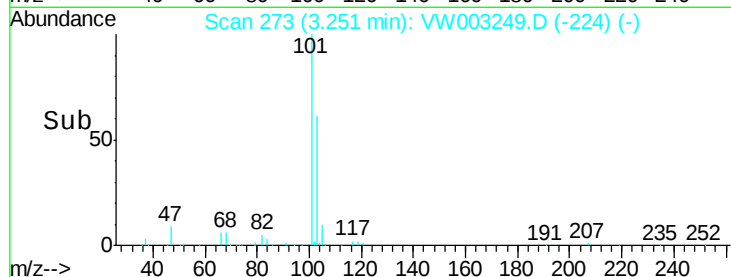
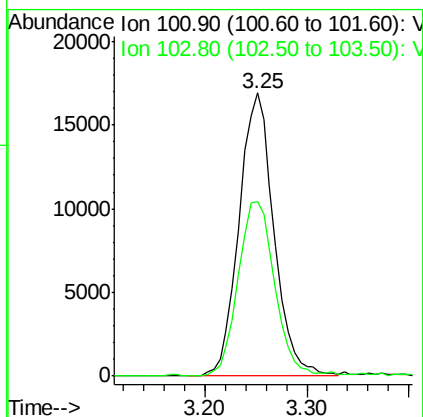
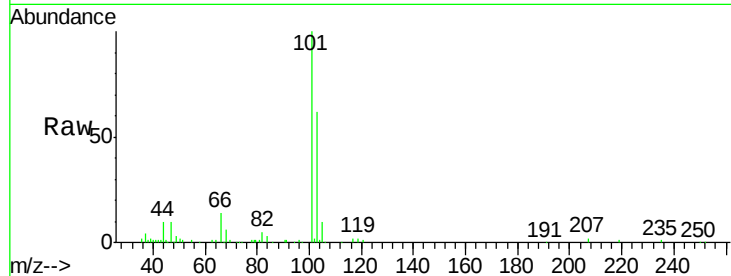
Trichlorofluoromethane
Concen: 21.750 ug/l
RT: 3.25 min Scan# 273
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.8	53.4	80.0

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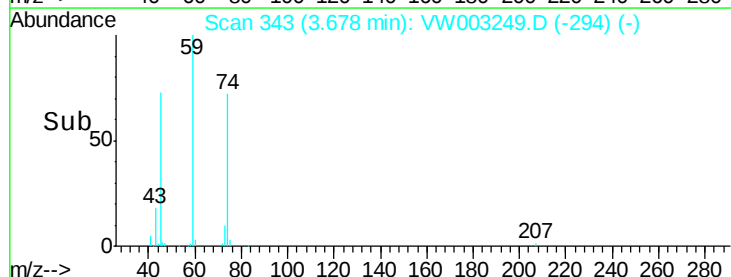
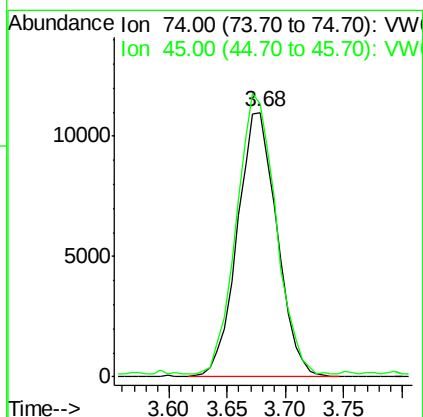
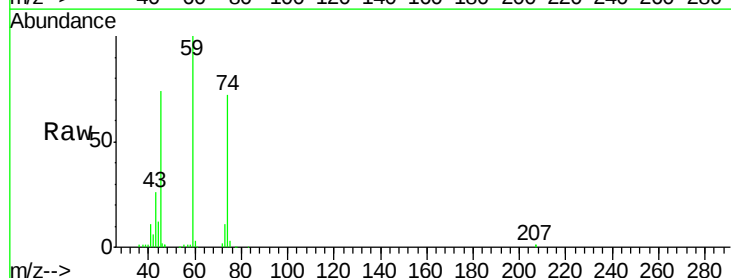
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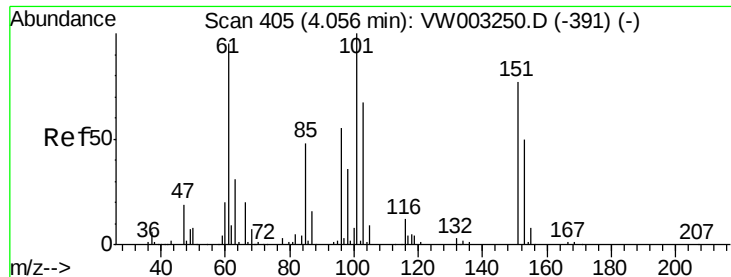


#8

Diethyl Ether
Concen: 17.819 ug/l
RT: 3.68 min Scan# 343
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.7	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.790 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW003249.D

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MSVOA_W

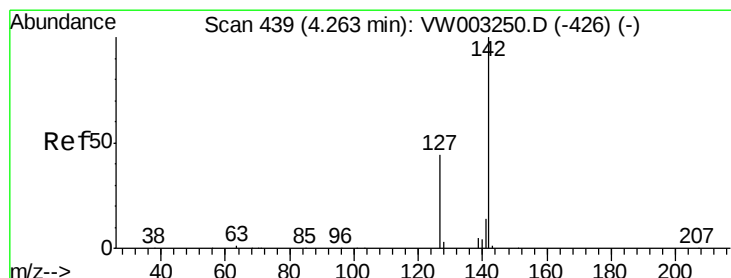
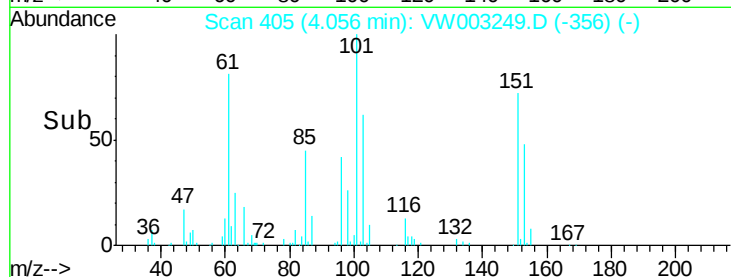
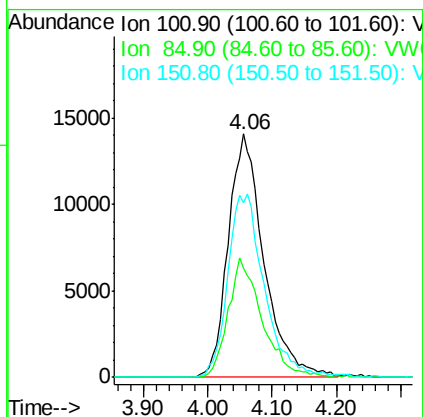
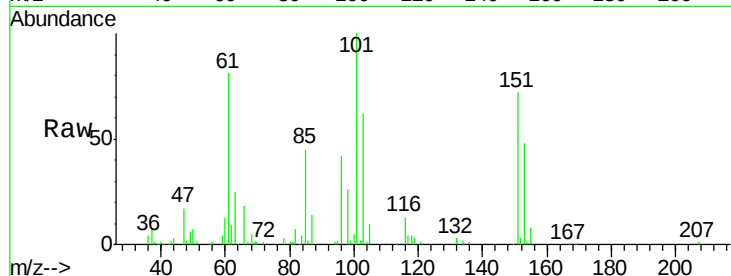
ClientSampled :

VSTDIC020

Tgt Ion:	101	Resp:	54287
Ion Ratio	Lower	Upper	
101	100		
85	46.7	37.0	55.6
151	76.6	63.3	94.9

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#10

Methyl Iodide

Concen: 19.369 ug/l

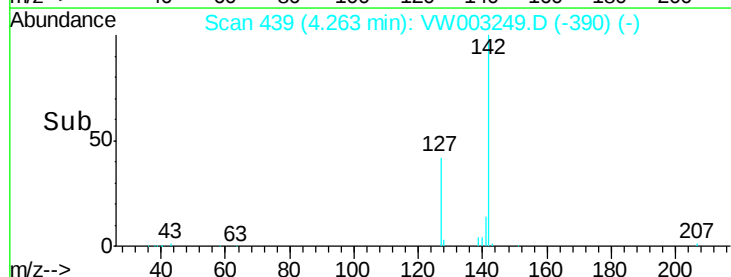
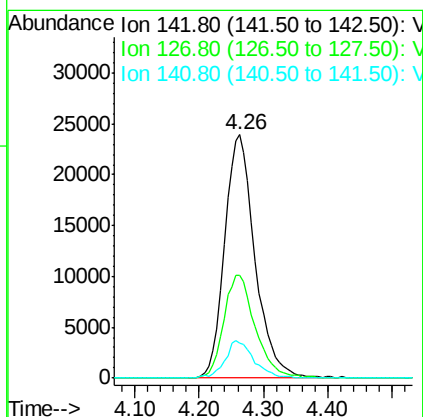
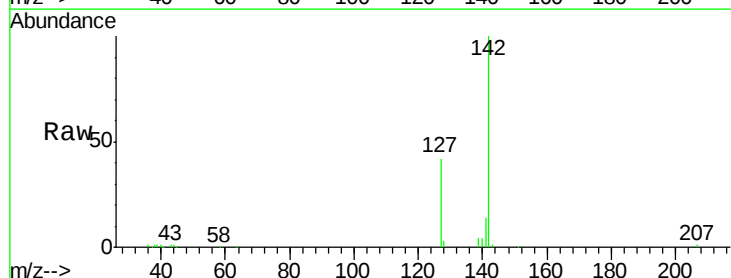
RT: 4.26 min Scan# 439

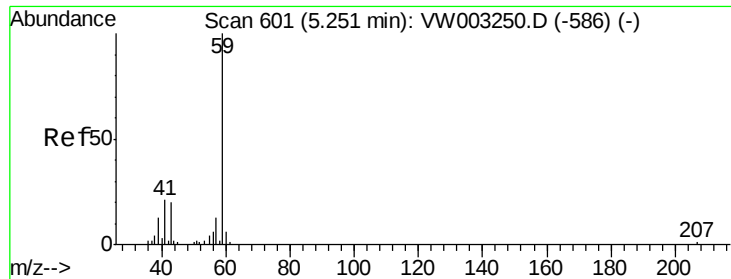
Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Tgt Ion:	142	Resp:	79166
Ion Ratio	Lower	Upper	
142	100		
127	43.6	36.5	54.7
141	14.6	12.1	18.1





#11

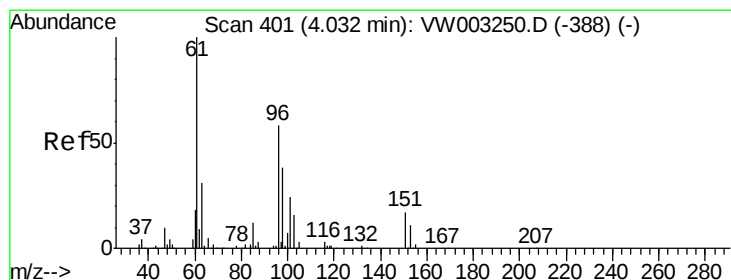
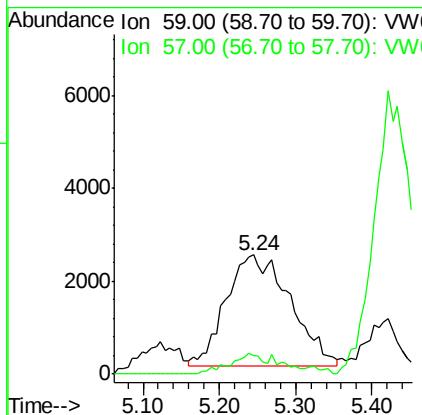
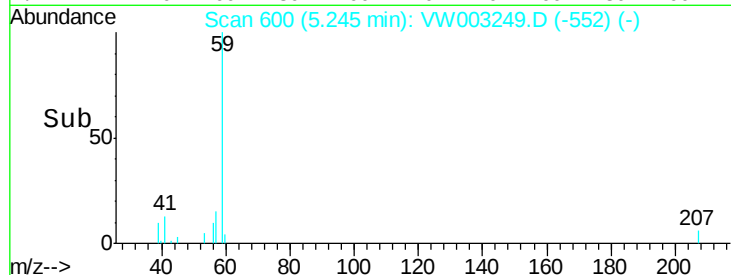
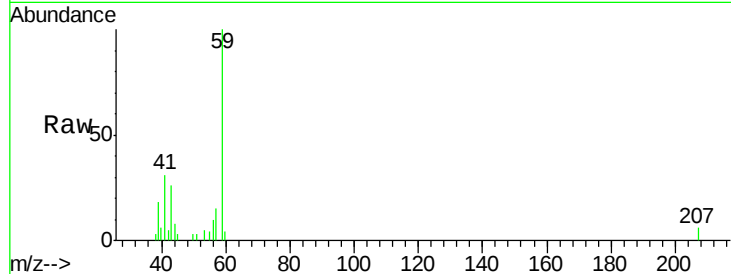
Tert butyl alcohol
Concen: 78.080 ug/l m
RT: 5.24 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tgt Ion: 59 Resp: 14074
Ion Ratio Lower Upper
59 100
57 9.6 4.2 6.2#

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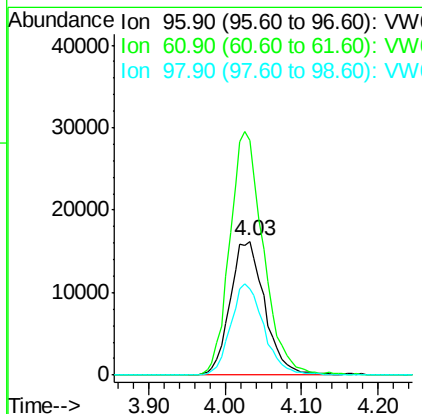
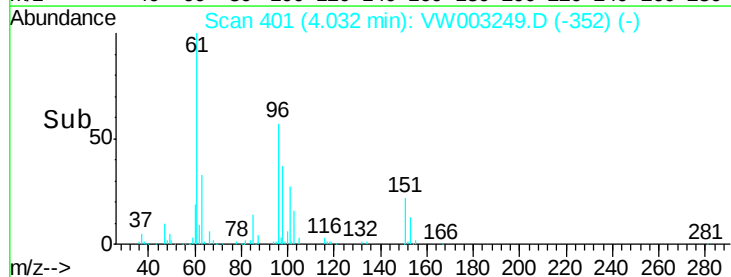
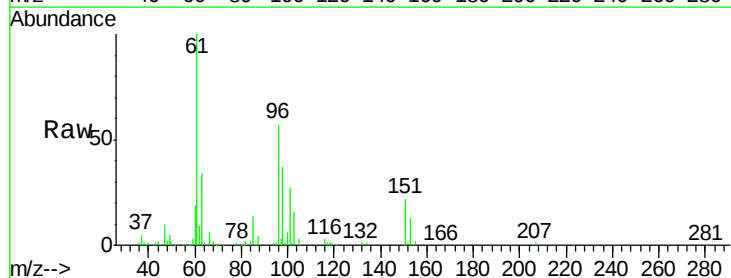
apatel
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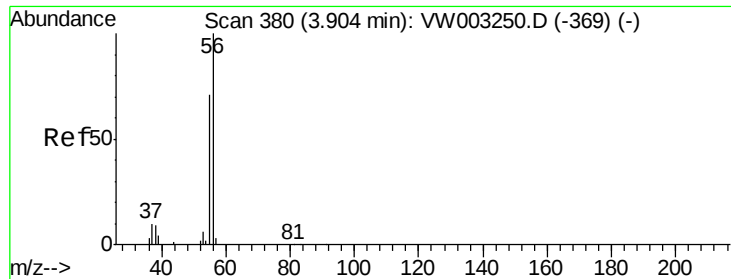


#12

1,1-Dichloroethene
Concen: 20.287 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion: 96 Resp: 50903
Ion Ratio Lower Upper
96 100
61 174.6 139.0 208.4
98 64.5 53.3 79.9





#13

Acrolein

Concen: 128.782 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 24217

Ion Ratio Lower Upper

56 100

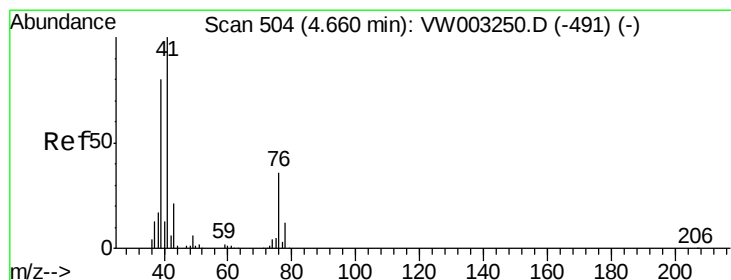
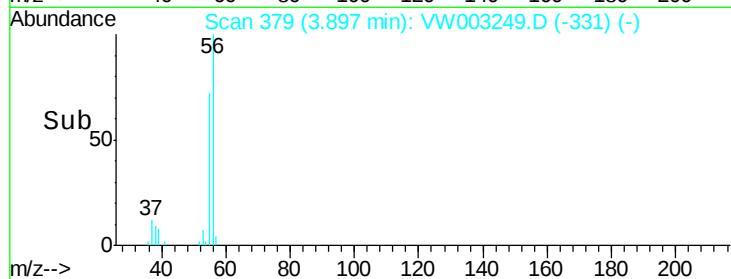
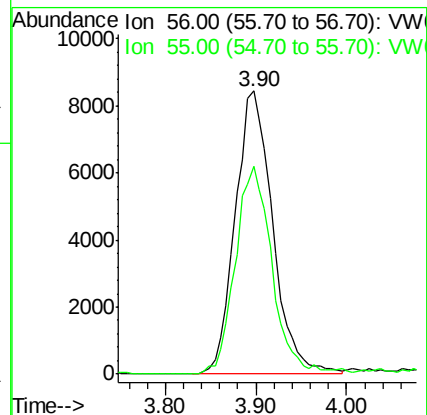
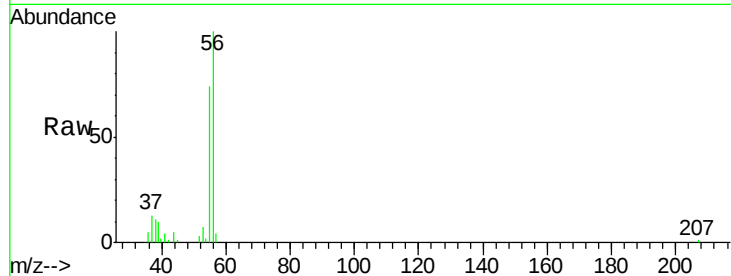
55 71.4 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 21.114 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

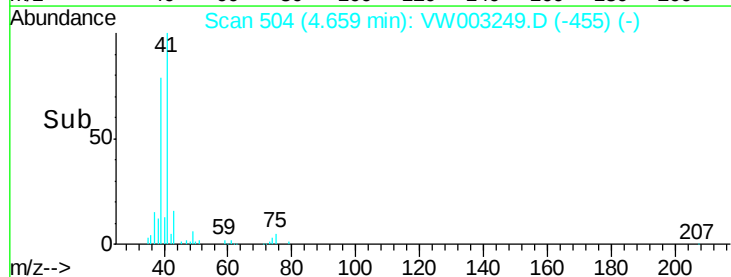
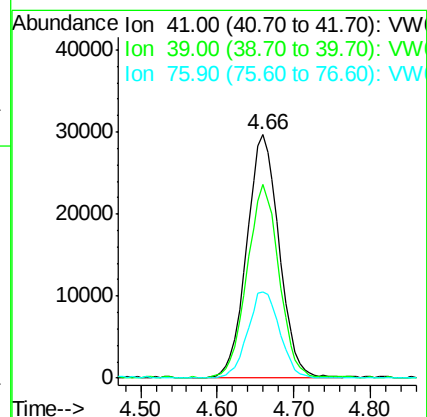
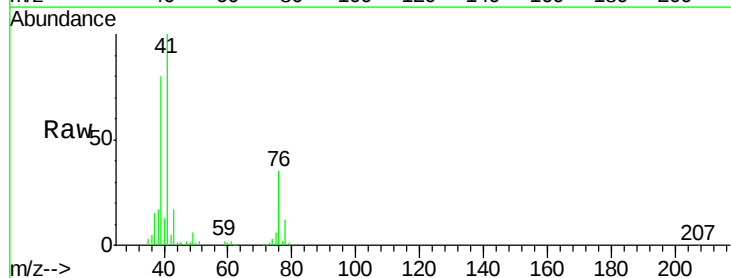
Tgt Ion: 41 Resp: 87872

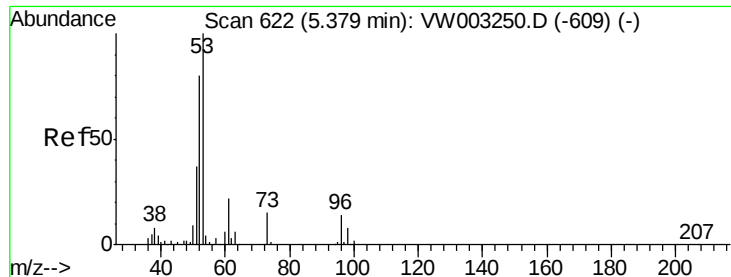
Ion Ratio Lower Upper

41 100

39 77.5 63.2 94.8

76 34.8 28.0 42.0





#15

Acrylonitrile

Concen: 95.972 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

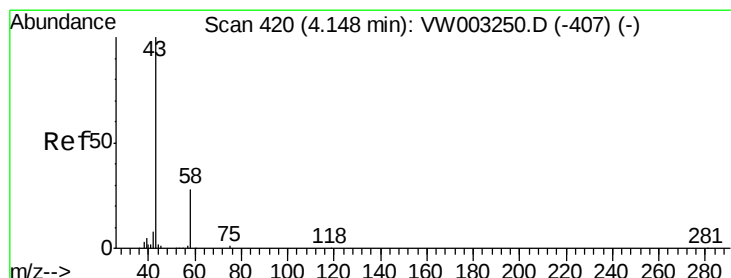
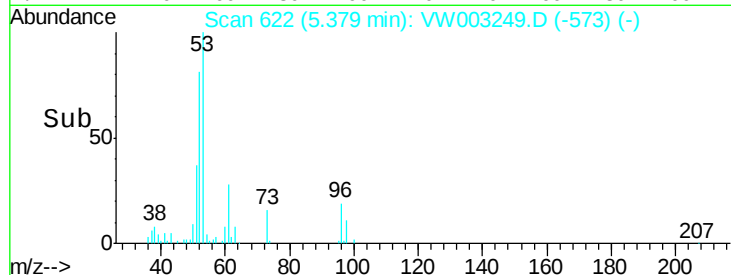
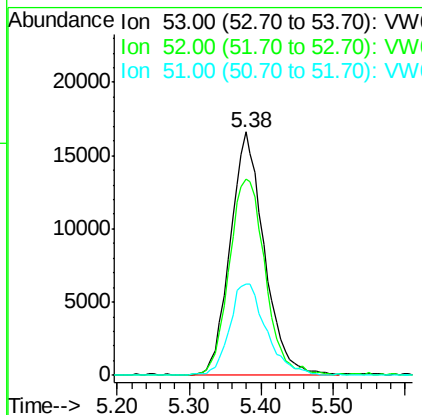
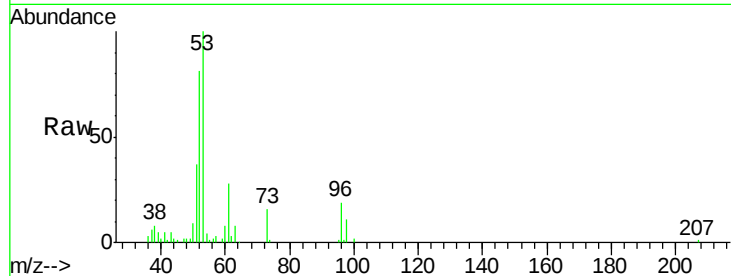
ClientSampleId :

VSTDIC020

Tgt Ion:	53	Resp:	54407
Ion Ratio	Lower	Upper	
53	100		
52	85.5	66.6	100.0
51	40.7	30.6	46.0

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#16

Acetone

Concen: 107.102 ug/l

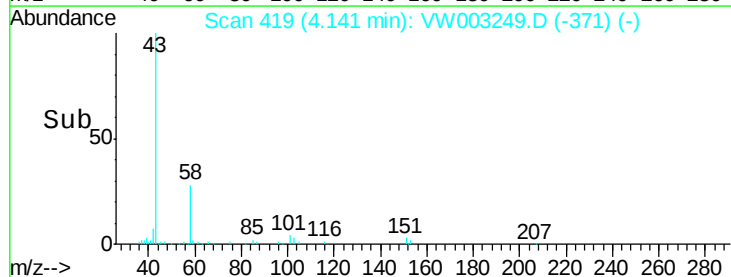
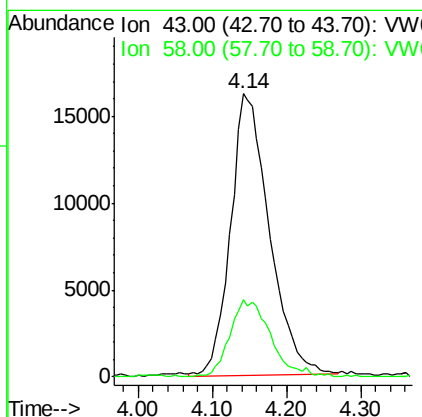
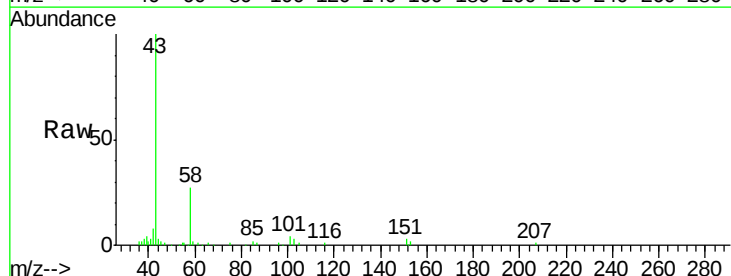
RT: 4.14 min Scan# 419

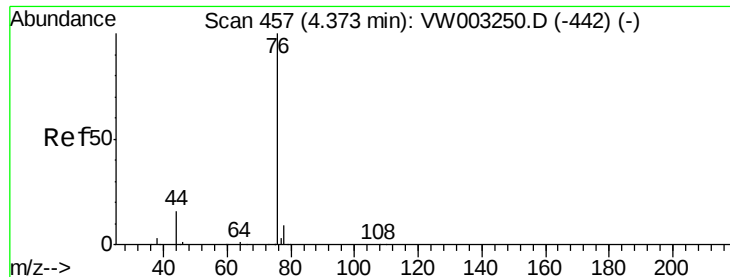
Delta R.T. -0.01 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Tgt Ion:	43	Resp:	58873
Ion Ratio	Lower	Upper	
43	100		
58	27.7	22.6	34.0





#17

Carbon Disulfide

Concen: 19.742 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 149425

Ion Ratio Lower Upper

76 100

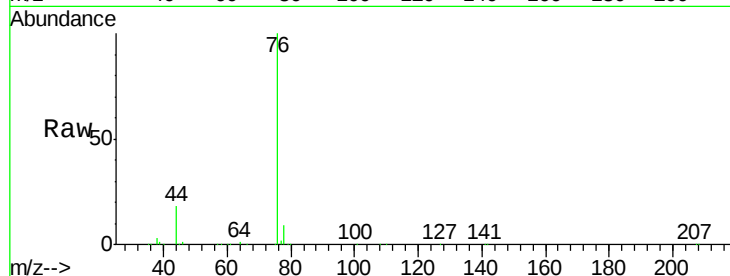
78 8.6 7.1 10.7

Manual Integrations

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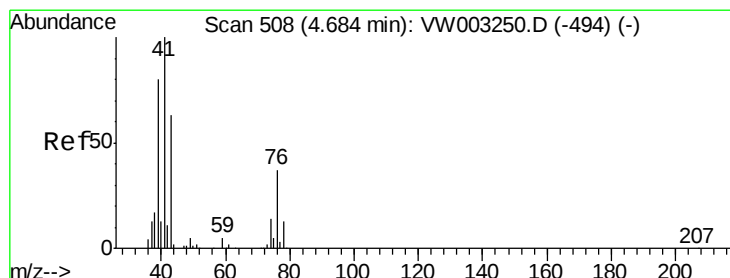
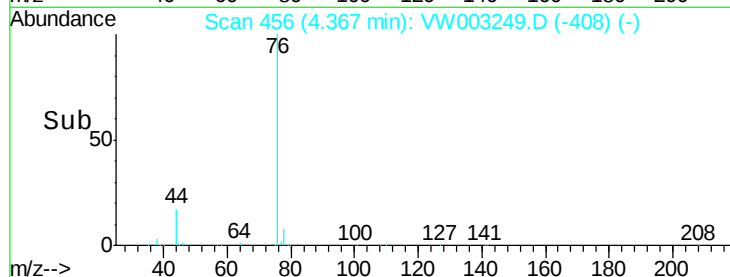
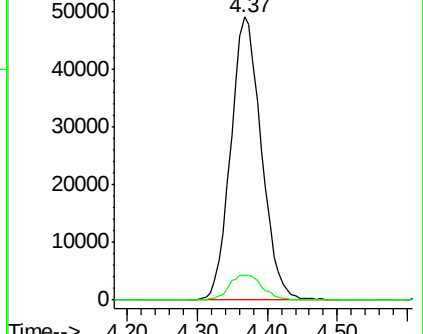
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 19.175 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003249.D

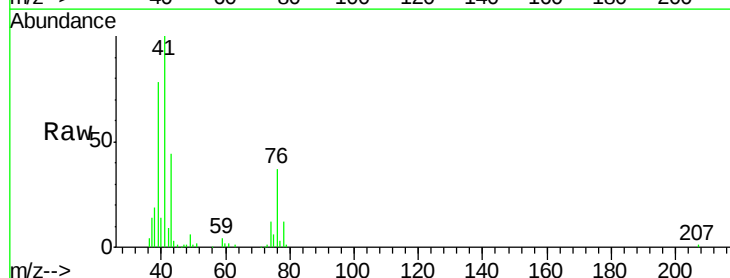
Acq: 13 Jun 2018 16:58

Tgt Ion: 43 Resp: 27133

Ion Ratio Lower Upper

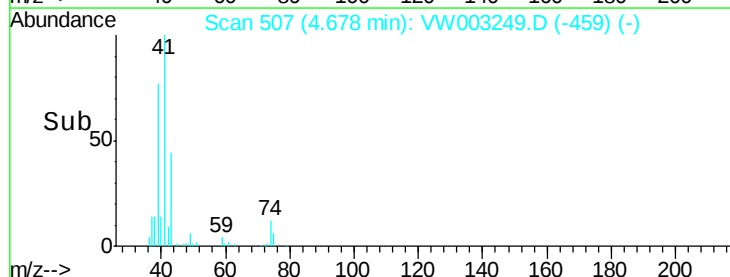
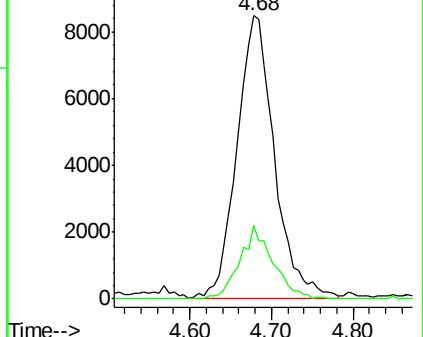
43 100

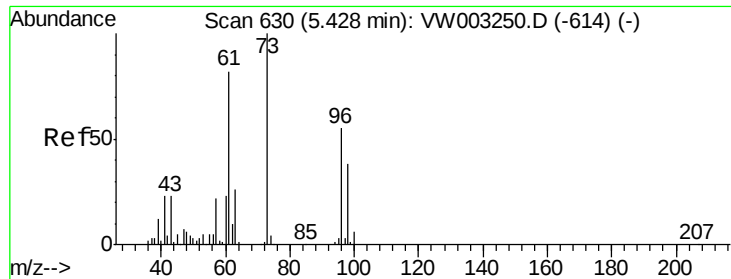
74 22.8 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





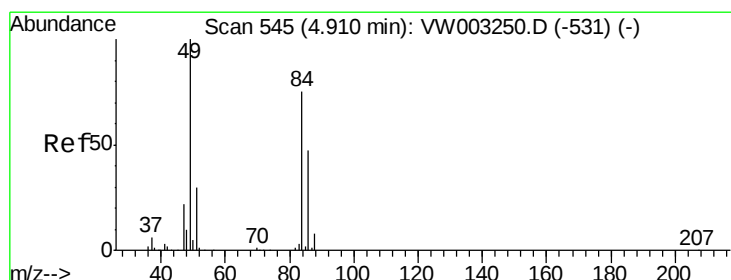
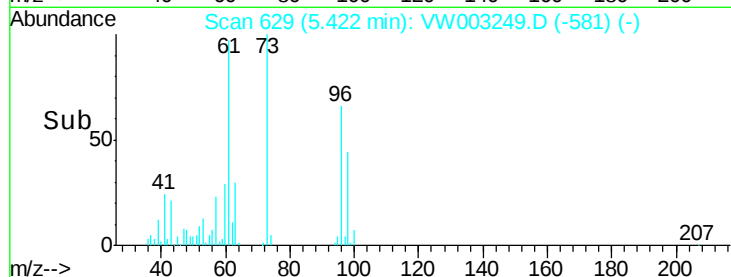
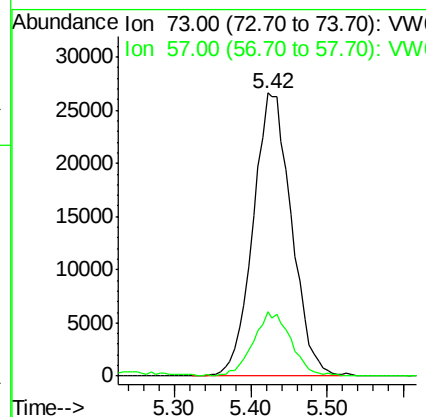
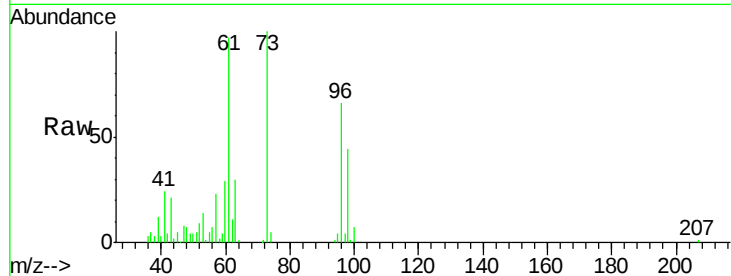
#19
Methyl tert-butyl Ether
Concen: 19.719 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 93055
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0

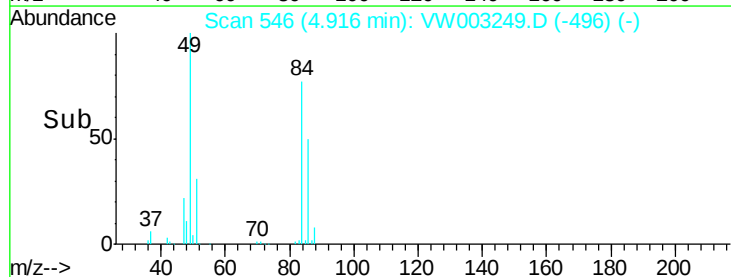
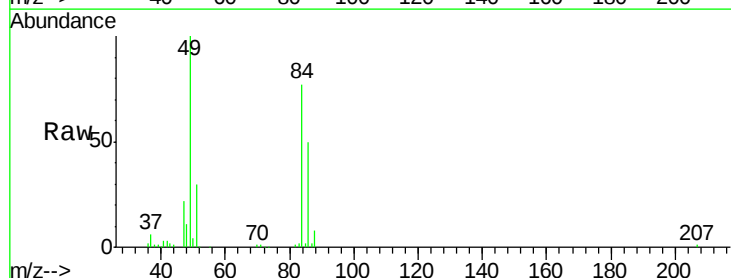
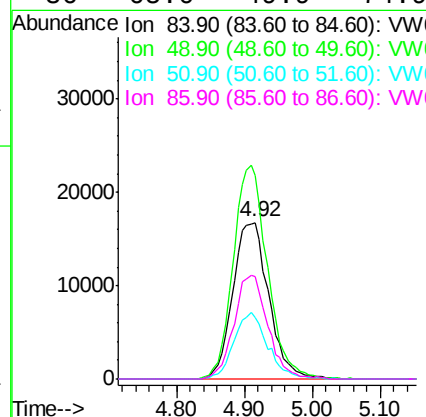
Manual Integrations
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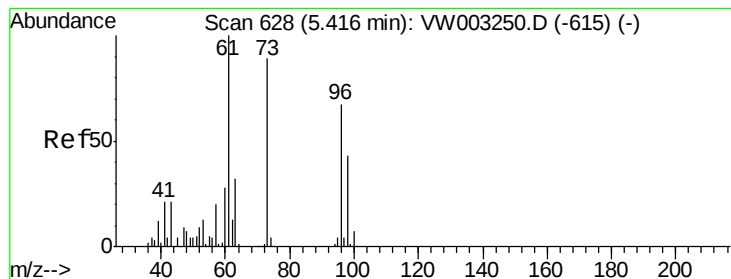
apatel
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#20
Methylene Chloride
Concen: 22.112 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion: 84 Resp: 61491
Ion Ratio Lower Upper
84 100
49 129.9 106.3 159.5
51 39.6 32.0 48.0
86 65.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.585 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

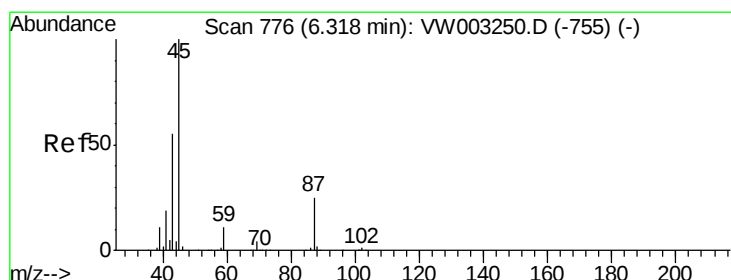
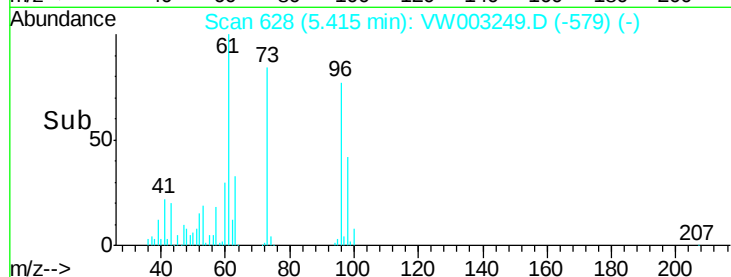
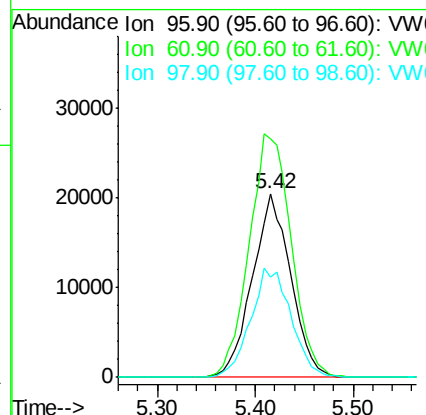
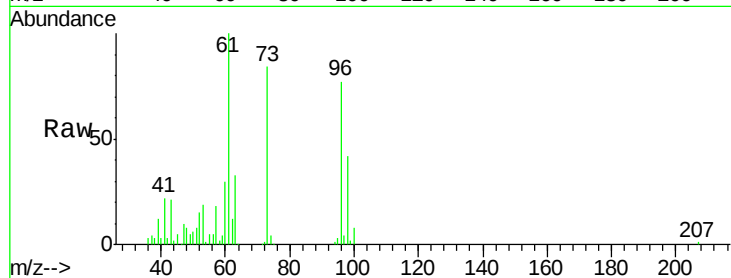
ClientSampleId :

VSTDIC020

Tgt Ion:	96	Resp:	56267
Ion	Ratio	Lower	Upper
96	100		
61	129.6	118.7	178.1
98	54.3	51.0	76.6

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#22

Diisopropyl ether

Concen: 20.590 ug/l

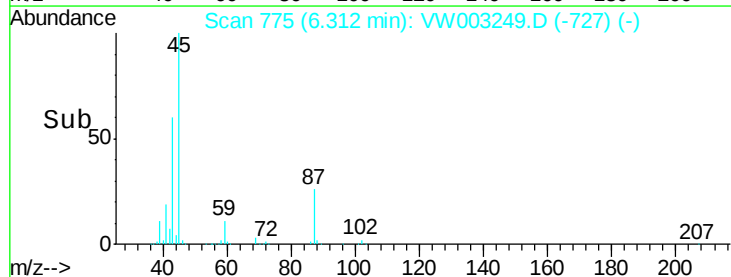
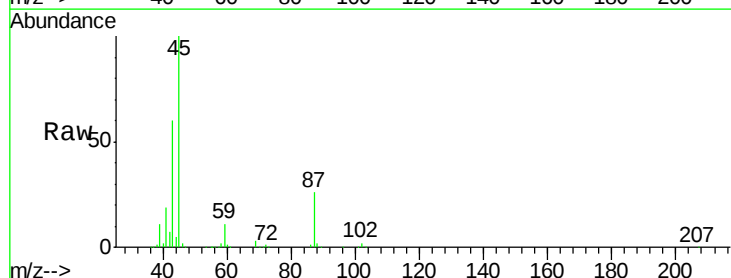
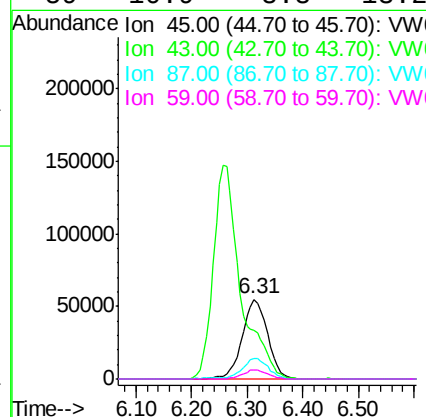
RT: 6.31 min Scan# 775

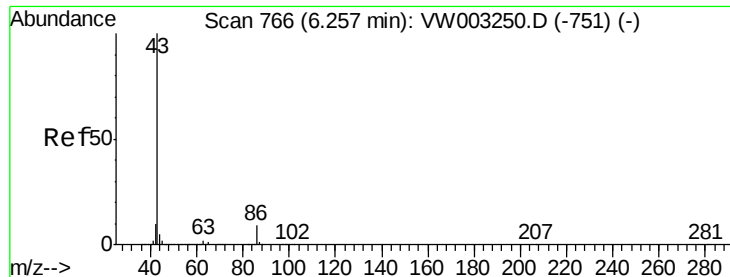
Delta R.T. -0.01 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Tgt Ion:	45	Resp:	174701
Ion	Ratio	Lower	Upper
45	100		
43	59.5	44.0	66.0
87	25.7	20.6	31.0
59	10.9	8.8	13.2





#23

Vinyl Acetate

Concen: 100.301 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 500933

Ion Ratio Lower Upper

43 100

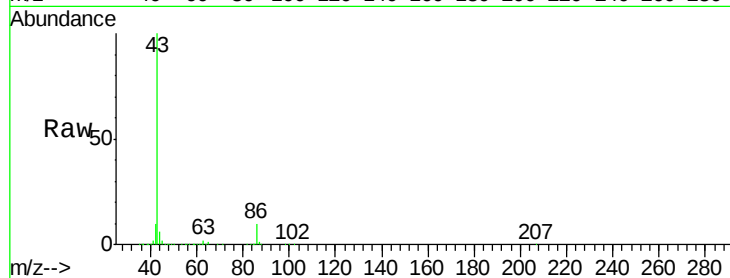
86 9.8 7.5 11.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

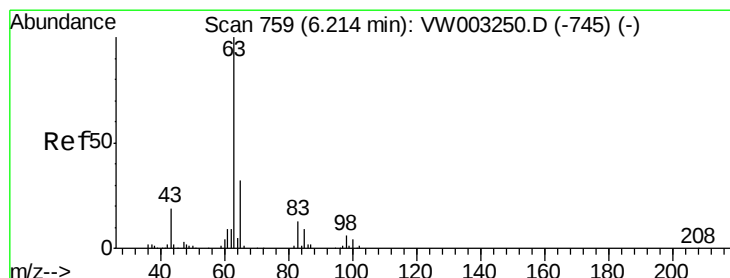
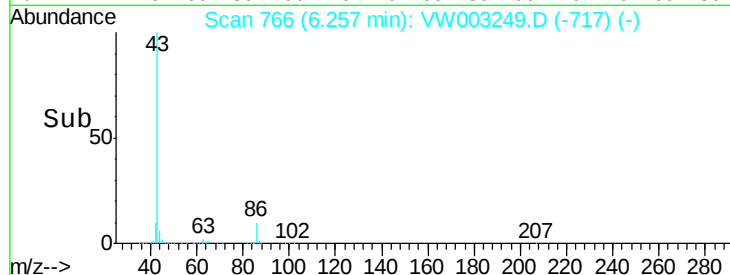
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.208 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

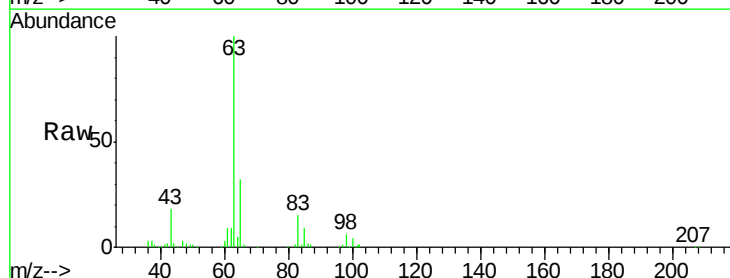
Tgt Ion: 63 Resp: 106044

Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.3

100 3.6 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

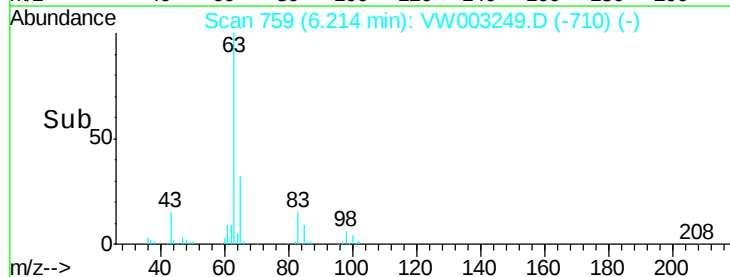
30000

20000

10000

0

Time-->





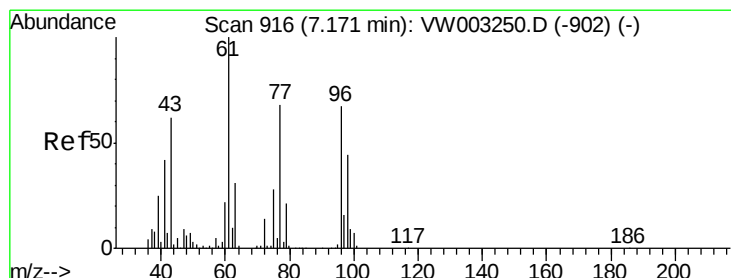
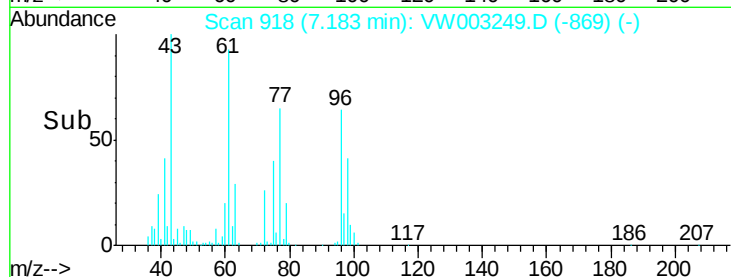
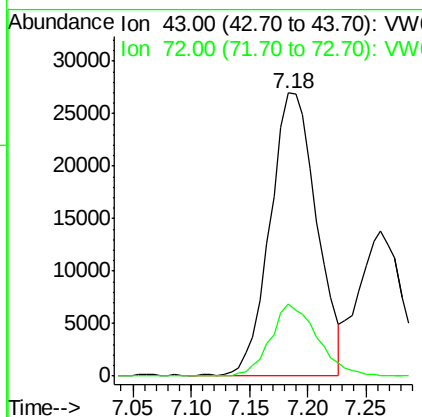
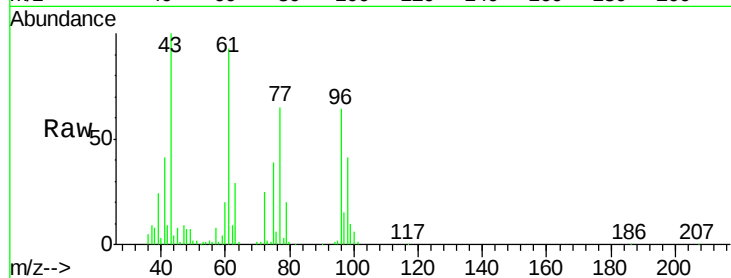
#25
2-Butanone
Concen: 98.628 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 74362
Ion Ratio Lower Upper
43 100
72 25.6 20.3 30.5

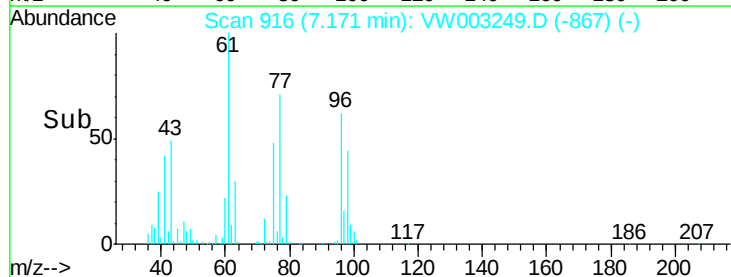
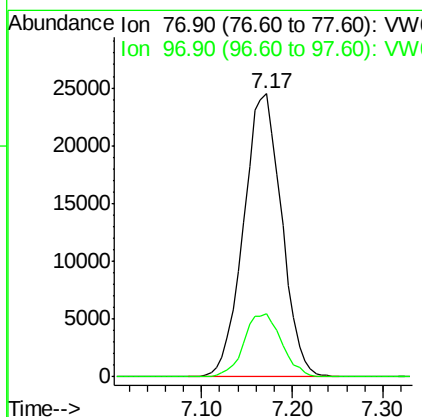
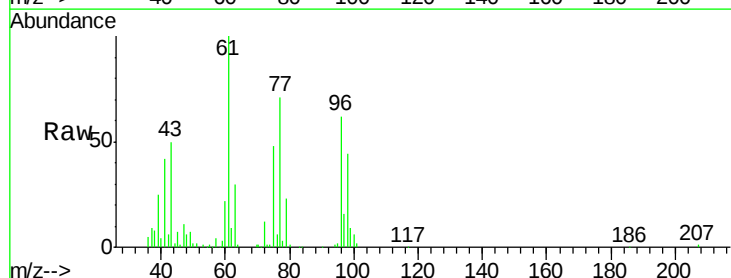
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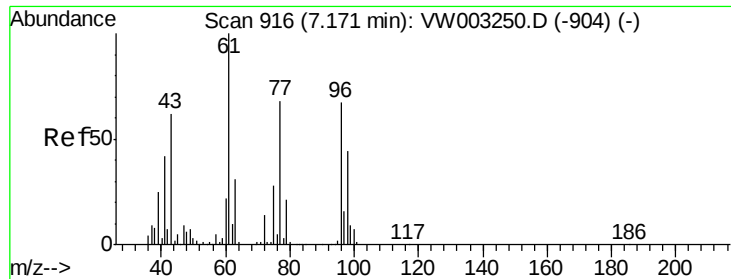
apatel
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#26
2,2-Dichloropropane
Concen: 23.077 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion: 77 Resp: 71153
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.9





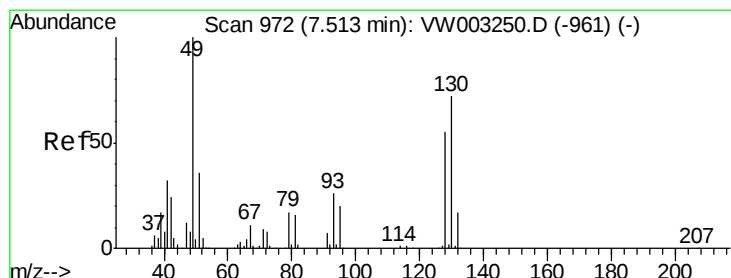
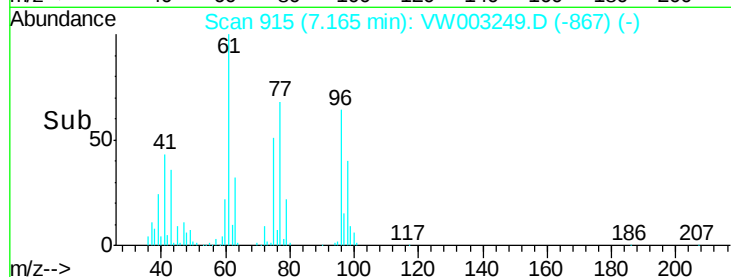
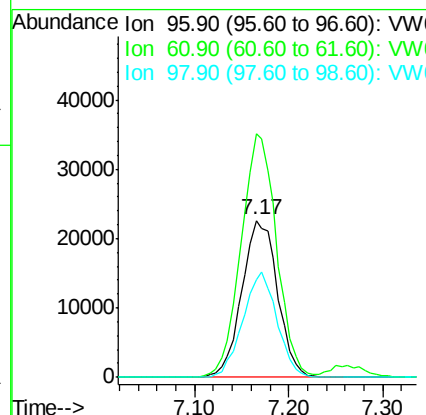
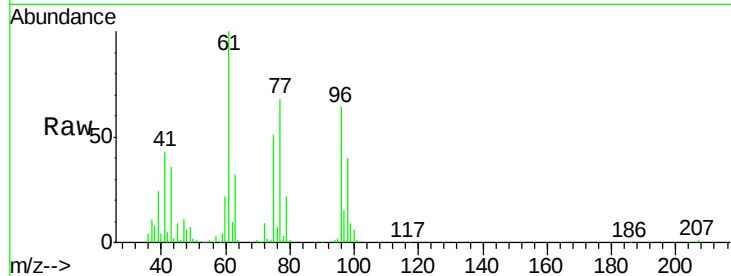
#27
 cis-1,2-Dichloroethene
 Concen: 19.996 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	298.8
98	64.1	0.0	130.4

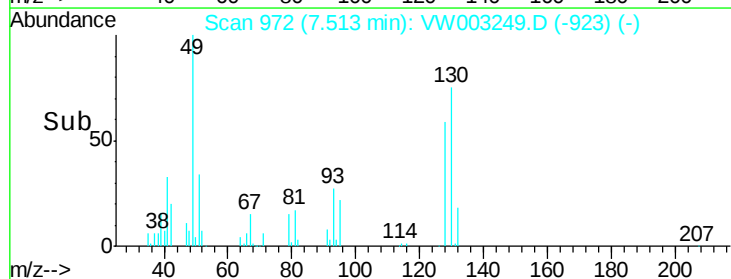
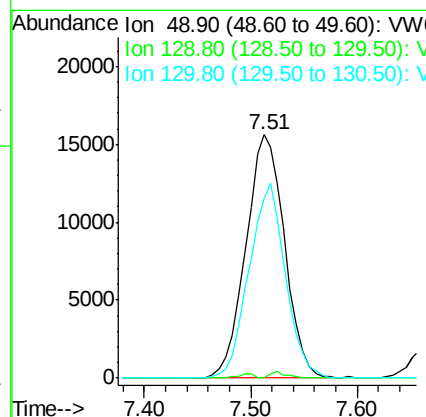
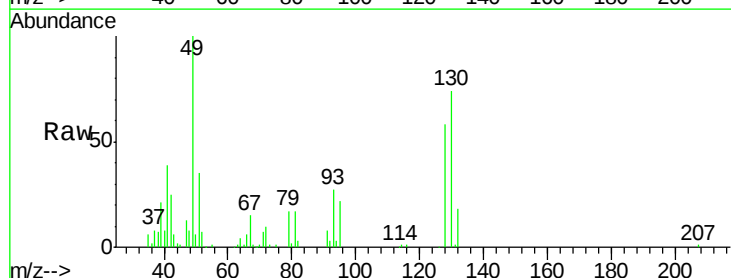
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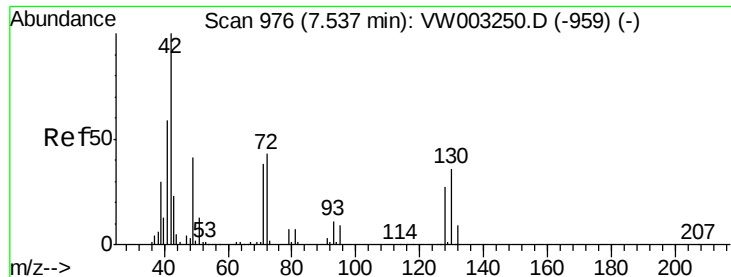
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#28
 Bromochloromethane
 Concen: 19.724 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	75.1	59.4	89.2





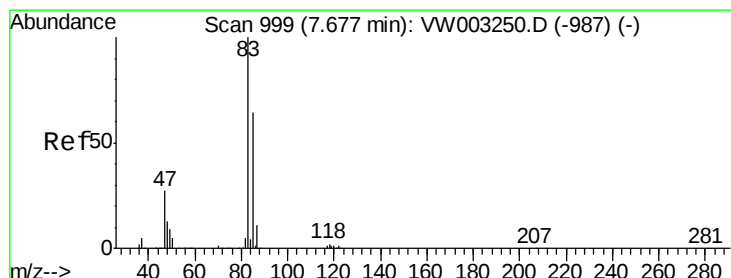
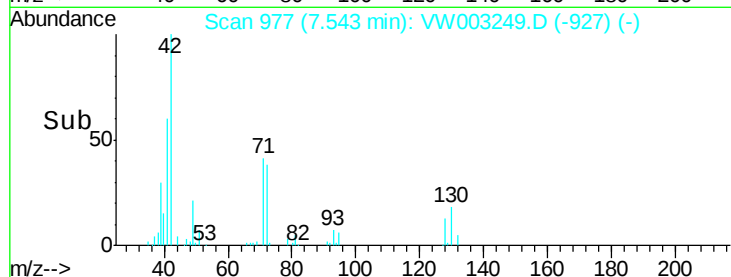
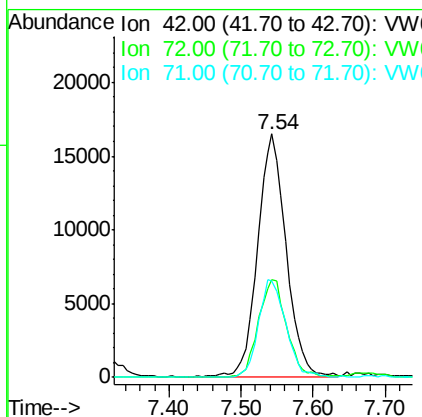
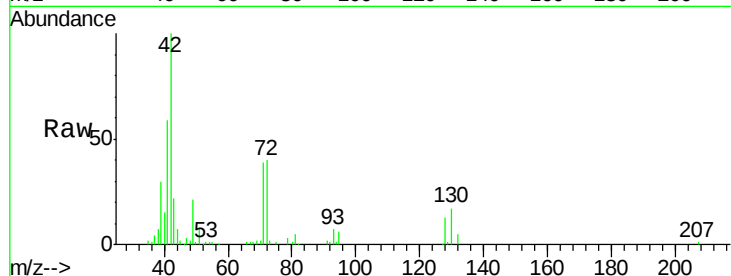
#29
Tetrahydrofuran
Concen: 93.951 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.6	32.4	48.6
71	38.1	31.2	46.8

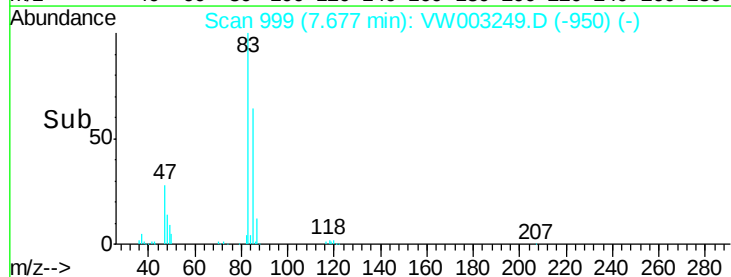
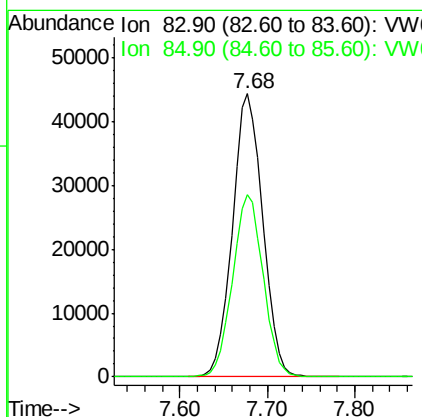
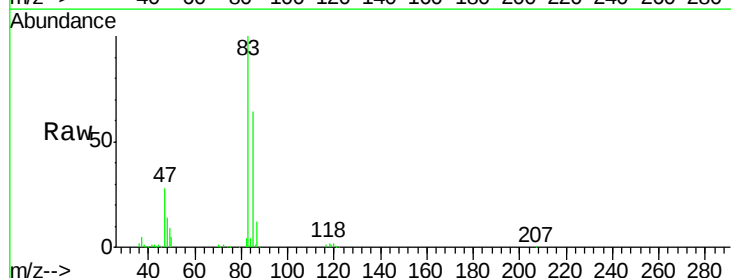
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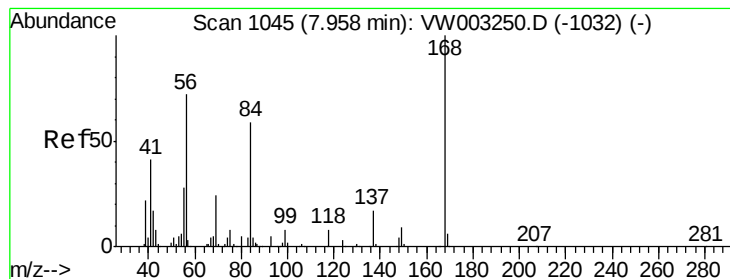
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#30
Chloroform
Concen: 20.744 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.3	76.9





#31

Cyclohexane

Concen: 20.620 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

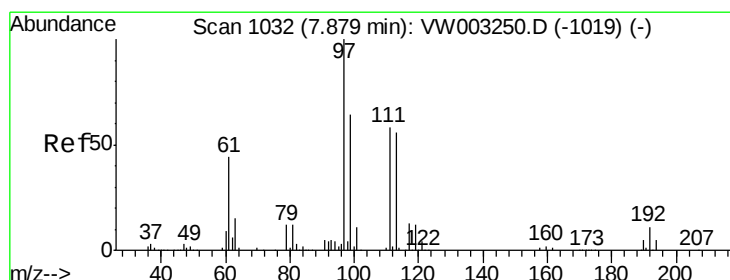
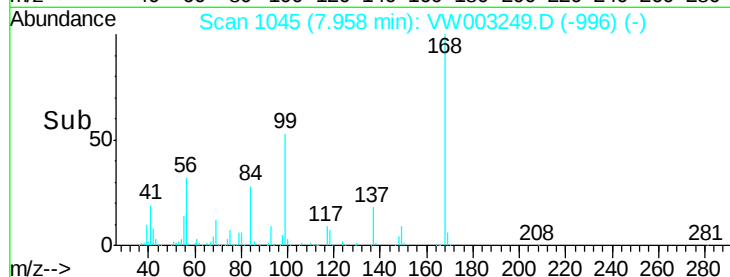
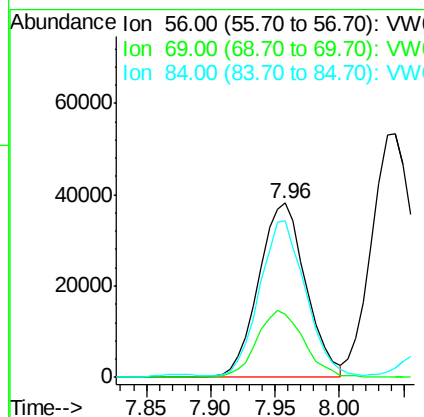
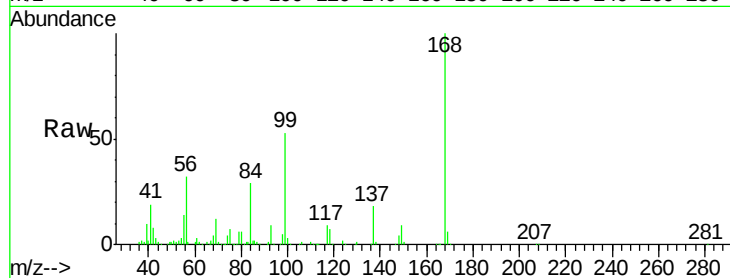
ClientSampled :

VSTDIC020

Tgt Ion:	56	Resp:	97363
Ion Ratio	Lower	Upper	
56	100		
69	36.3	26.3	39.5
84	87.9	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 21.179 ug/l

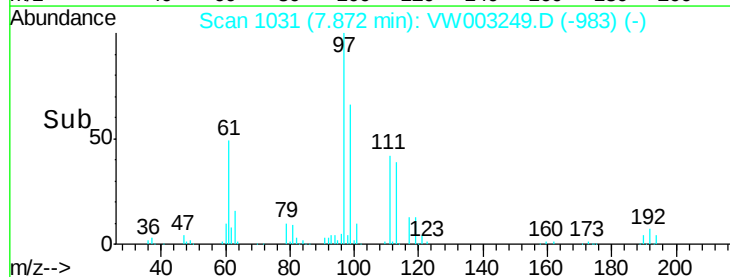
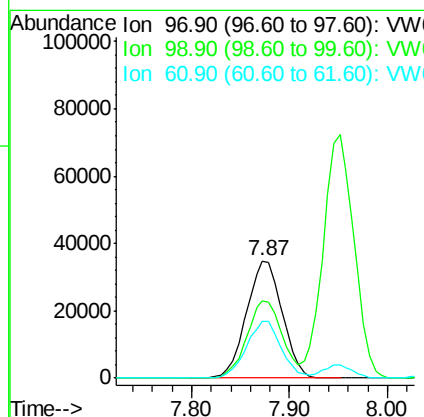
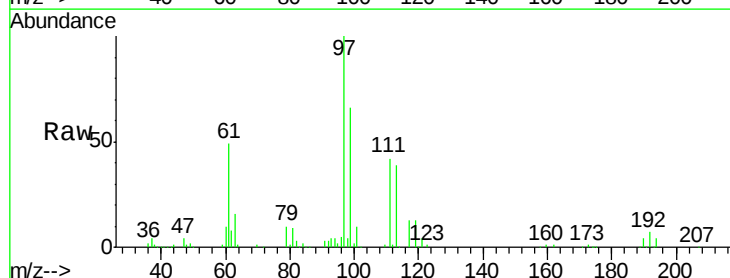
RT: 7.87 min Scan# 1031

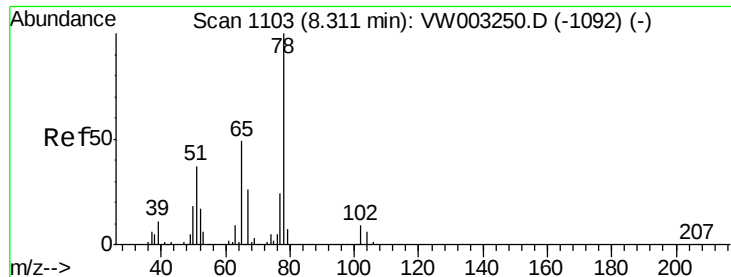
Delta R.T. -0.01 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Tgt Ion:	97	Resp:	88175
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.7	77.5
61	47.7	37.6	56.4





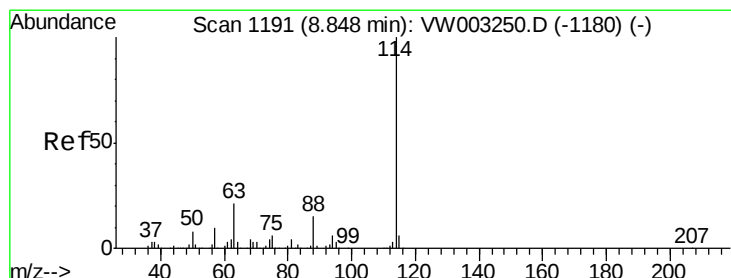
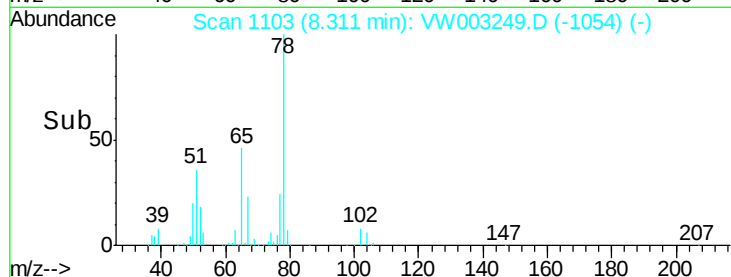
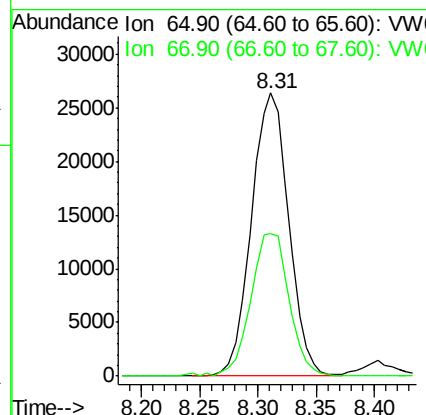
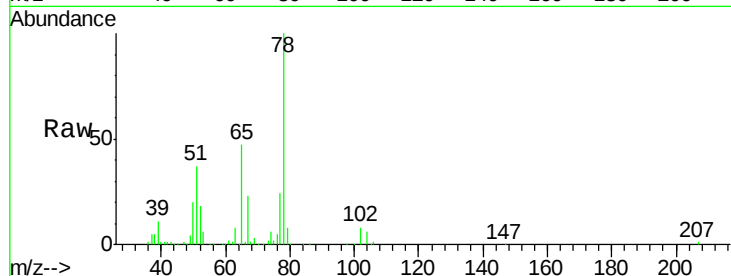
#33
 1,2-Dichloroethane-d4
 Concen: 21.348 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	58782		
67	51.6	0.0	104.2	

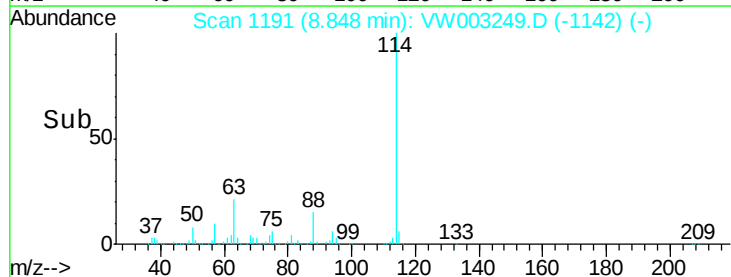
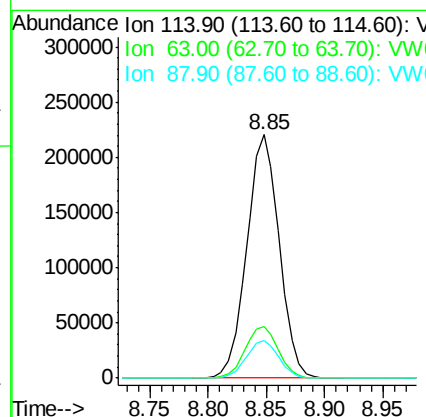
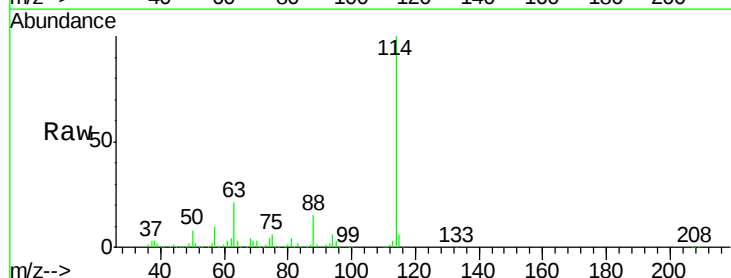
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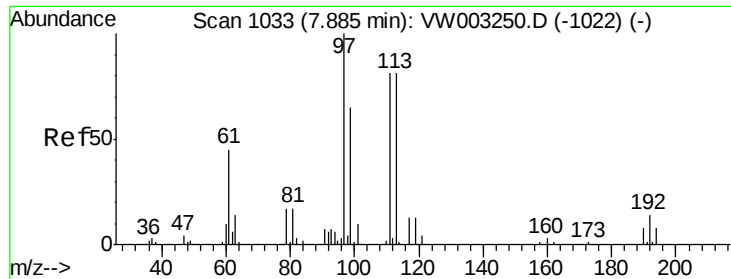
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	427721		
63	21.2	0.0	43.0	
88	15.3	0.0	29.6	





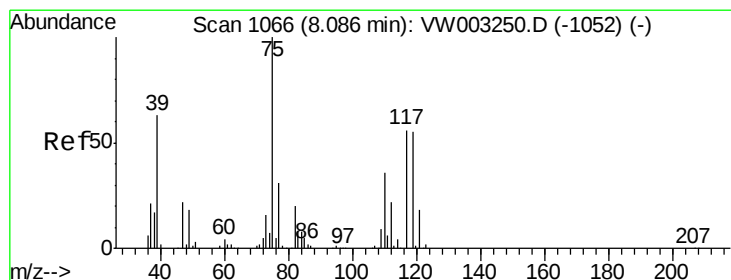
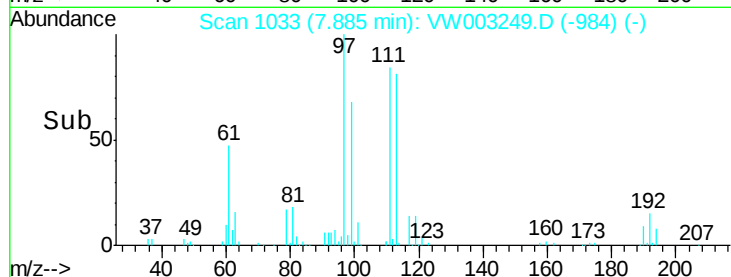
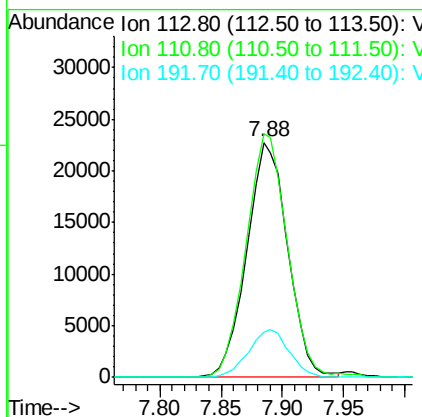
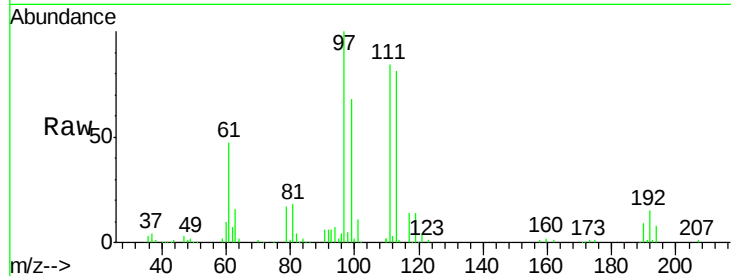
#35
Dibromofluoromethane
Concen: 20.974 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.2	123.2
192	20.0	16.2	24.2

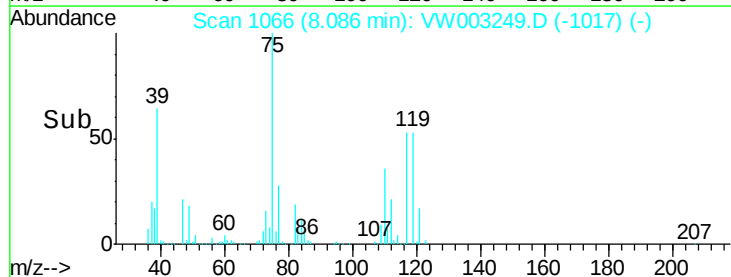
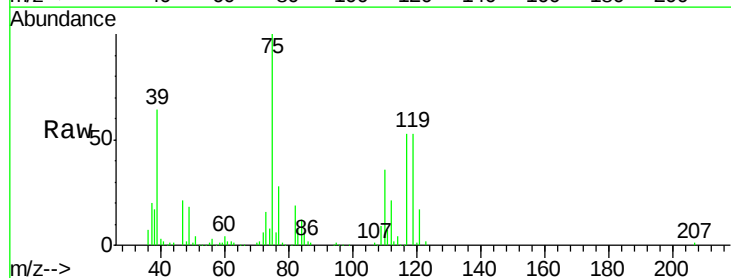
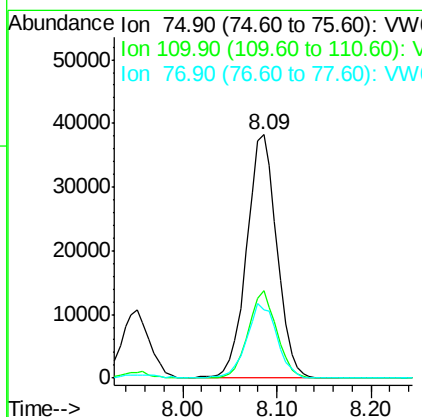
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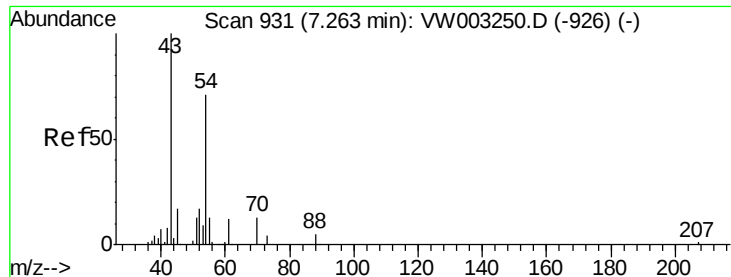
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#36
1,1-Dichloropropene
Concen: 21.446 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	17.1	51.3
77	30.8	24.9	37.3





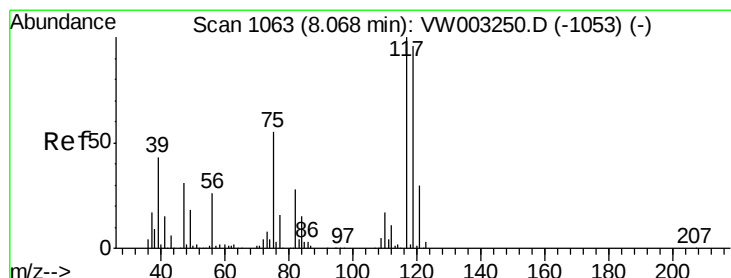
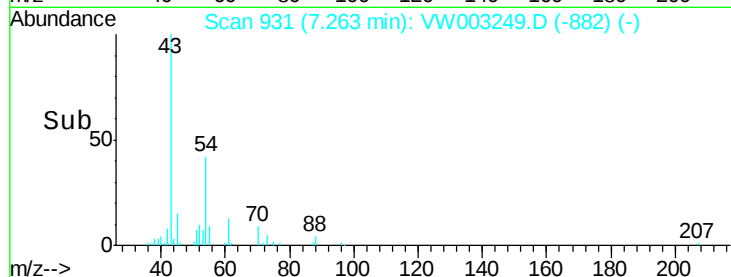
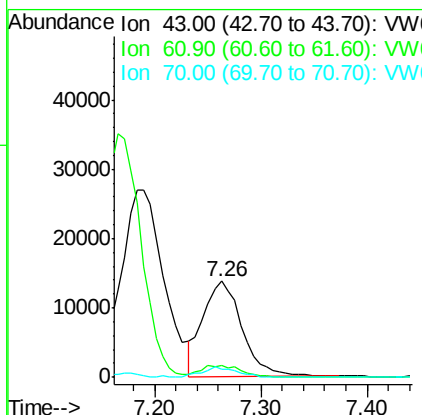
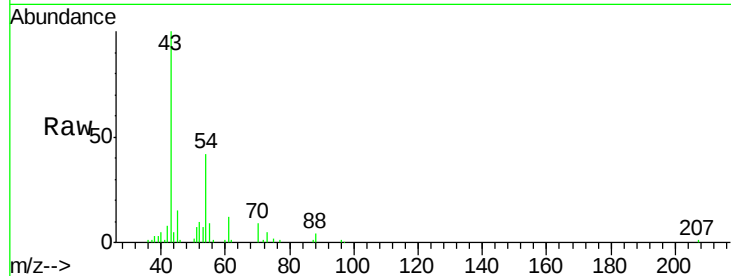
#37
 Ethyl Acetate
 Concen: 19.668 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.8	16.2
70	9.7	7.8	11.6

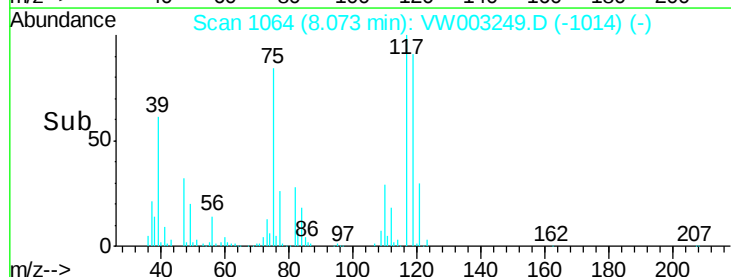
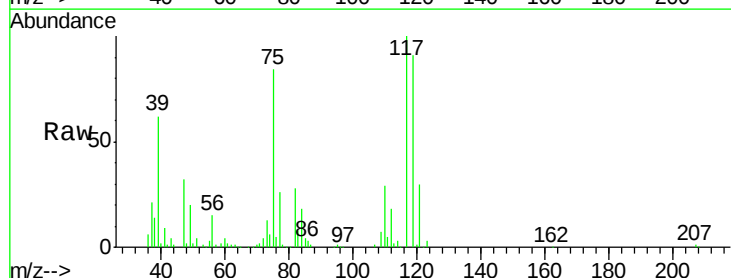
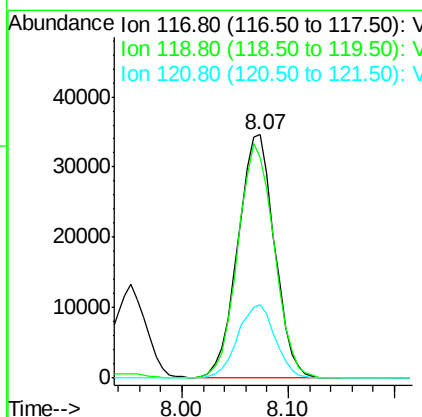
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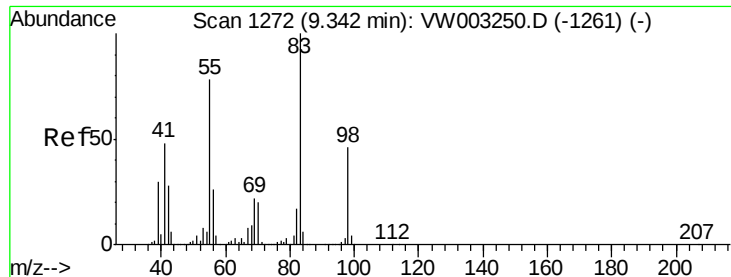
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#38
 Carbon Tetrachloride
 Concen: 21.437 ug/l
 RT: 8.07 min Scan# 1064
 Delta R.T. 0.01 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.7	76.6	115.0
121	30.0	23.9	35.9





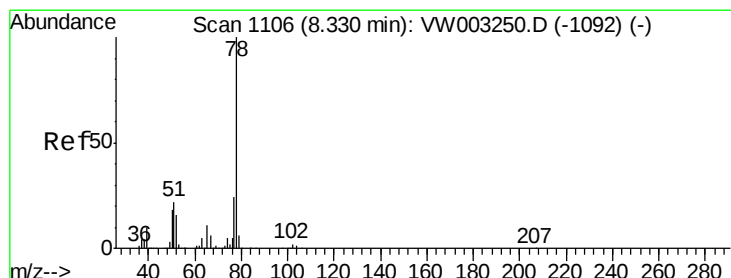
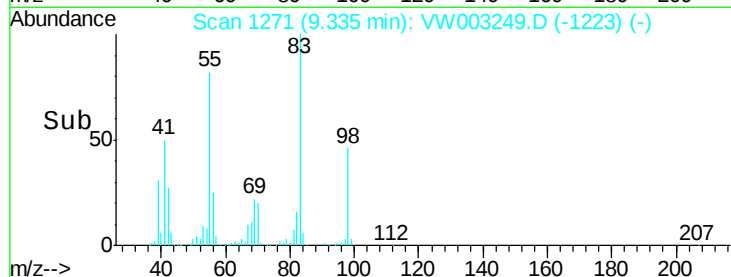
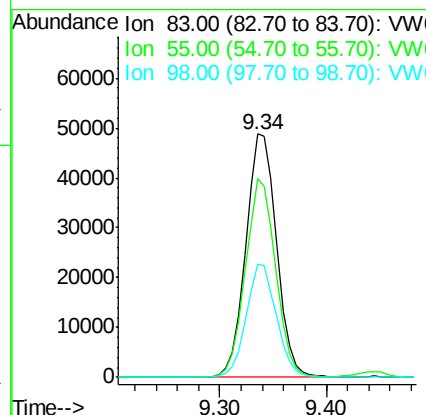
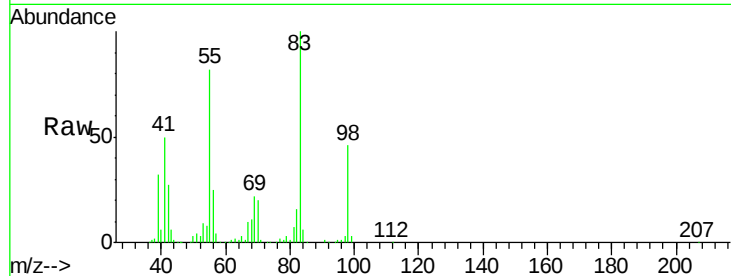
#39
Methylcyclohexane
Concen: 20.840 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.8	62.6	93.8
98	46.4	37.0	55.4

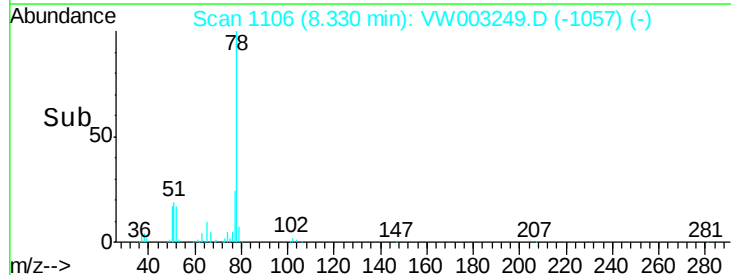
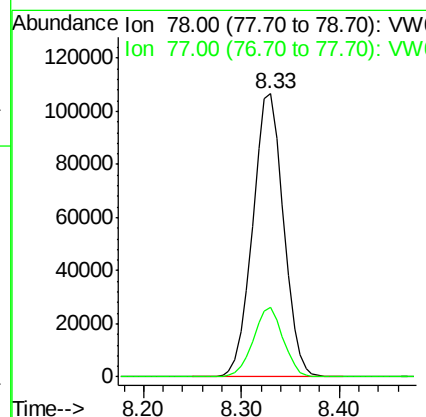
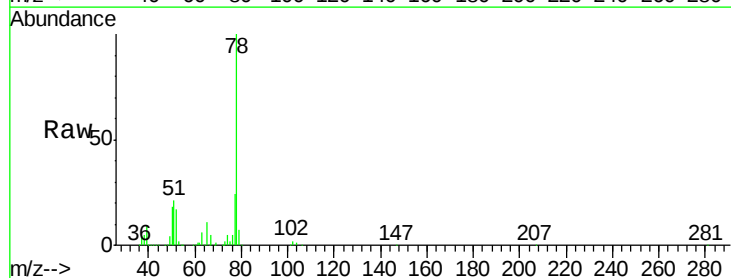
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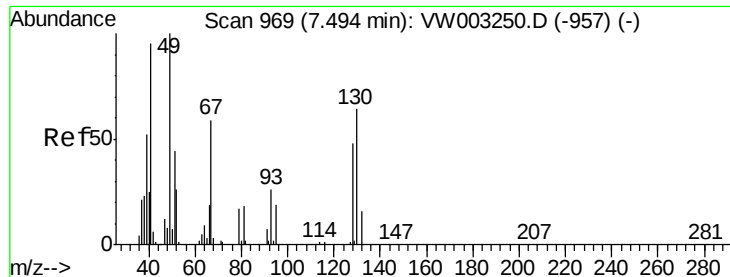
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#40
Benzene
Concen: 20.708 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.6





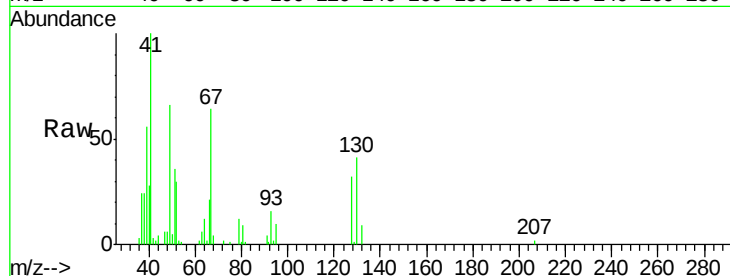
#41
Methacrylonitrile
Concen: 21.741 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

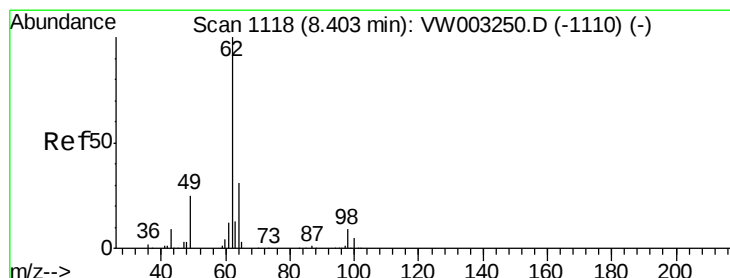
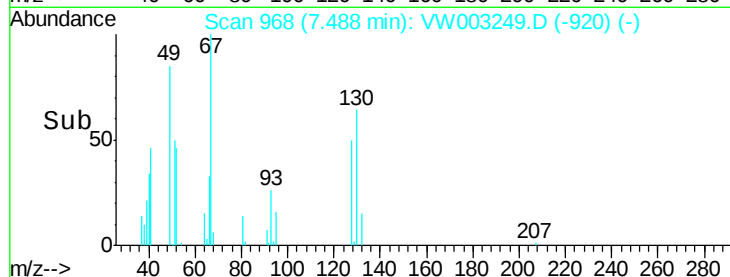
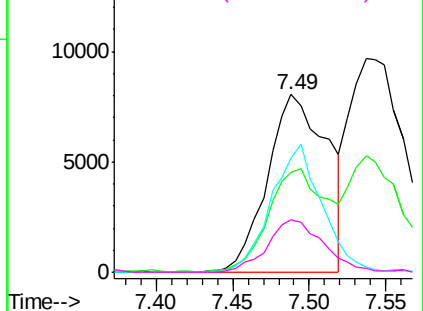
Tgt Ion:	41	Resp:	22027
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.8	68.8
67	61.3	52.3	78.5
52	27.9	24.1	36.1

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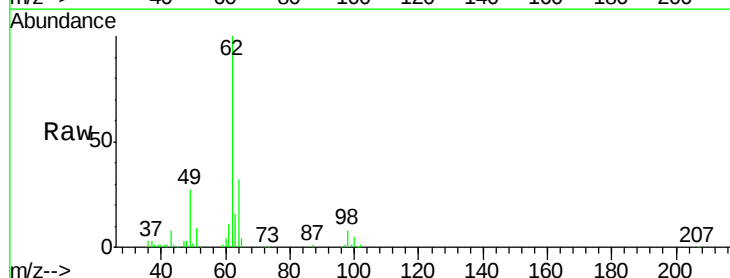


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

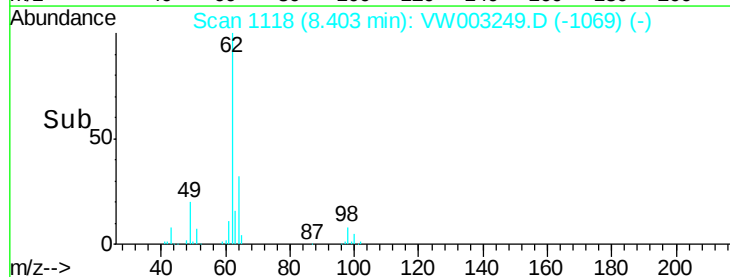
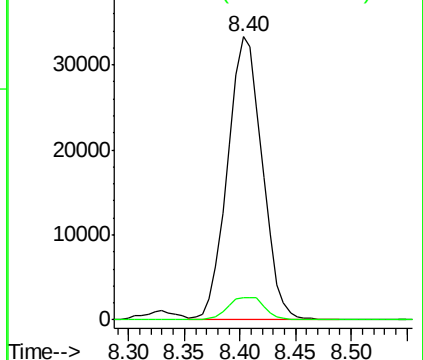


#42
1,2-Dichloroethane
Concen: 20.551 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion:	62	Resp:	71920
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



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





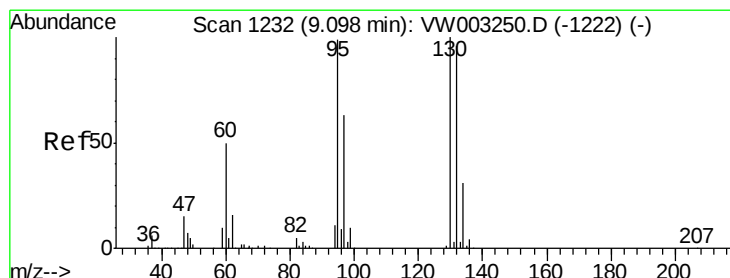
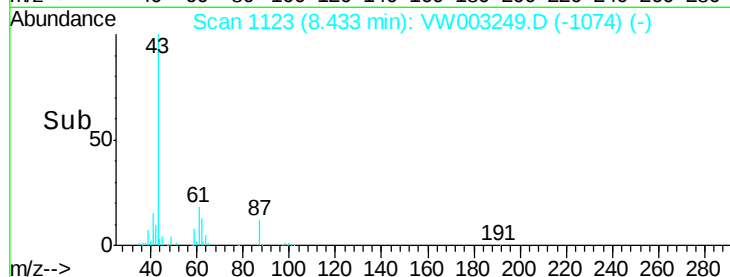
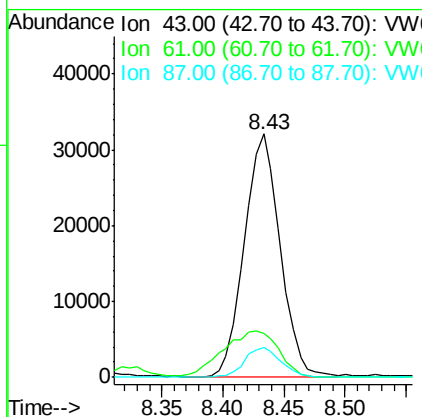
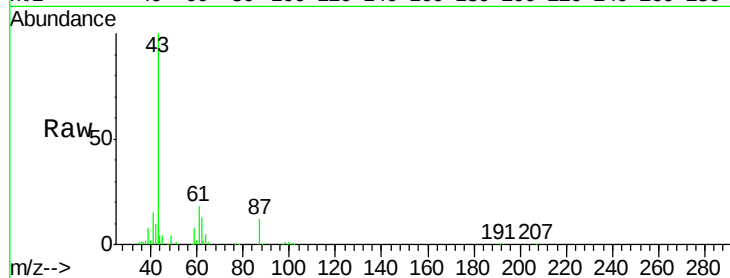
#43
Isopropyl Acetate
Concen: 19.057 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.1	34.7
87	12.4	9.8	14.6

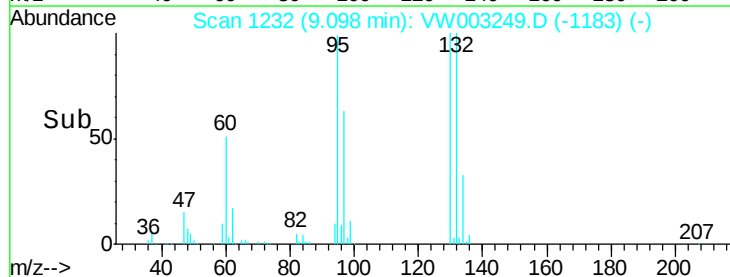
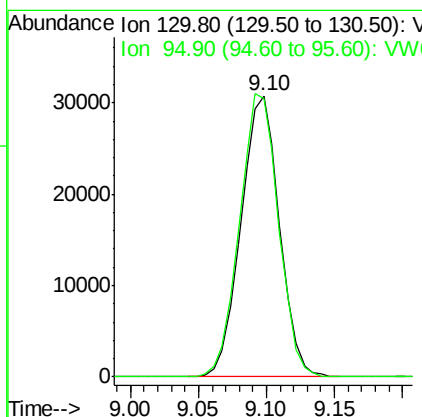
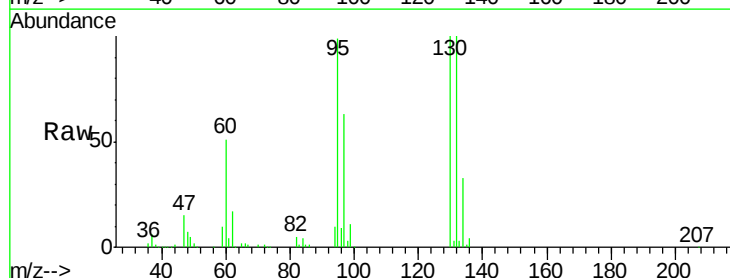
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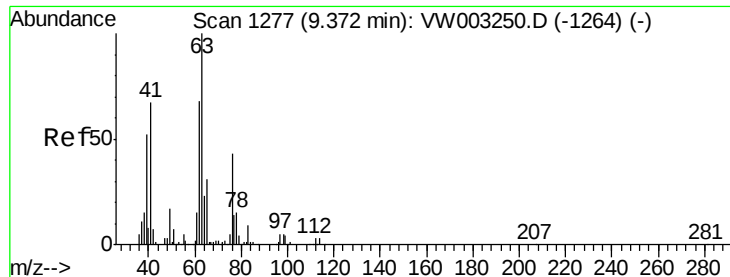
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#44
Trichloroethene
Concen: 20.045 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	198.0





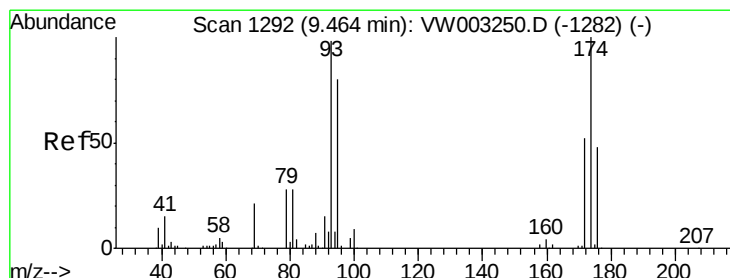
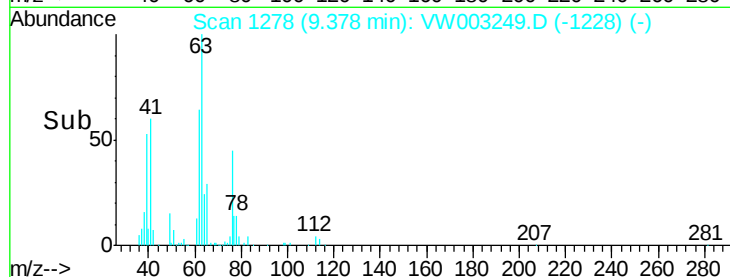
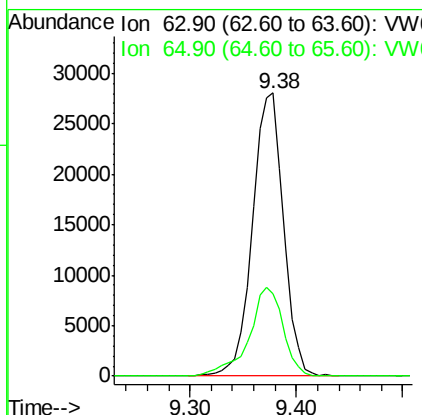
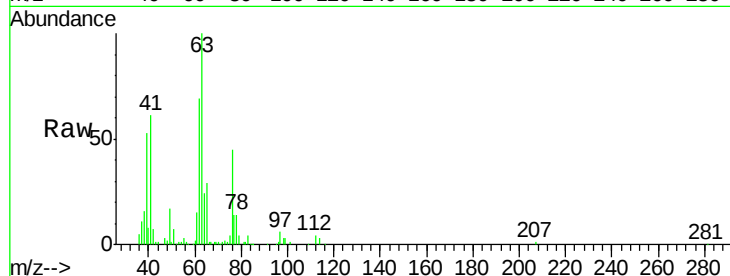
#45
 1,2-Dichloropropane
 Concen: 20.306 ug/l
 RT: 9.38 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 63 Resp: 57385
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.1 37.7

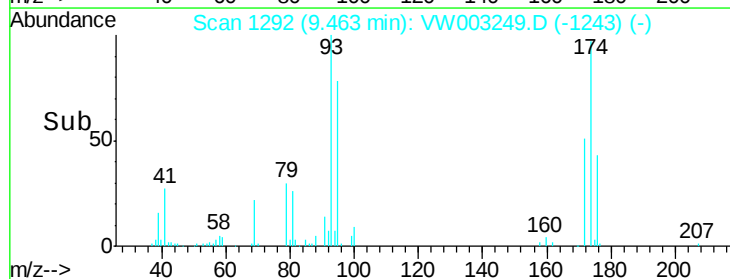
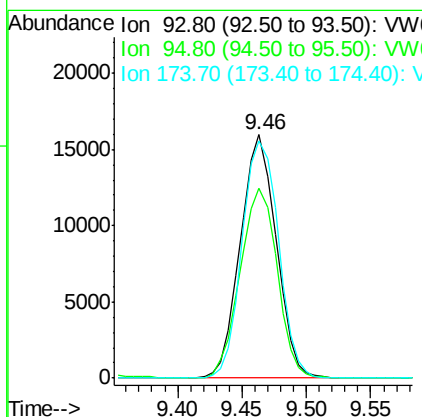
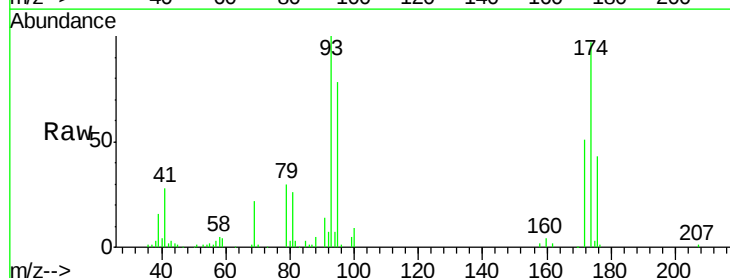
Manual Integrations
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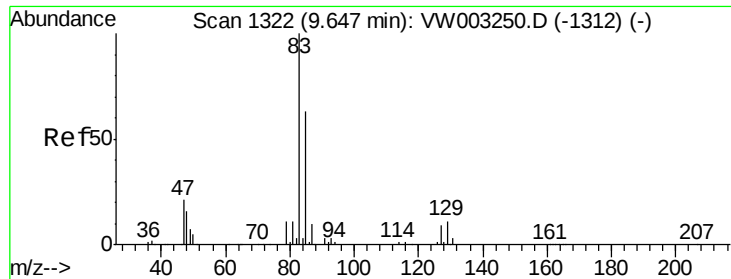
apatel
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#46
 Dibromomethane
 Concen: 20.429 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion: 93 Resp: 30857
 Ion Ratio Lower Upper
 93 100
 95 80.5 65.8 98.8
 174 98.9 81.4 122.0





#47

Bromodichloromethane

Concen: 20.635 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

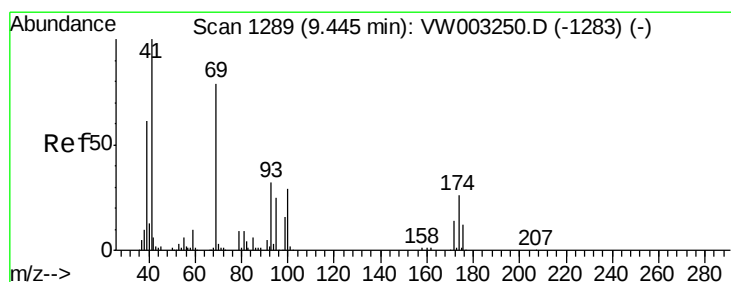
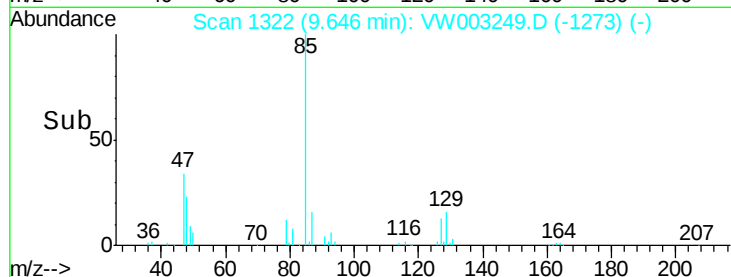
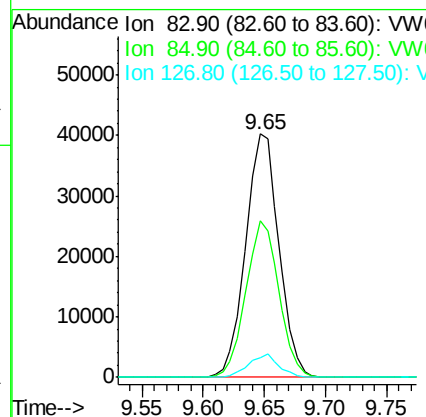
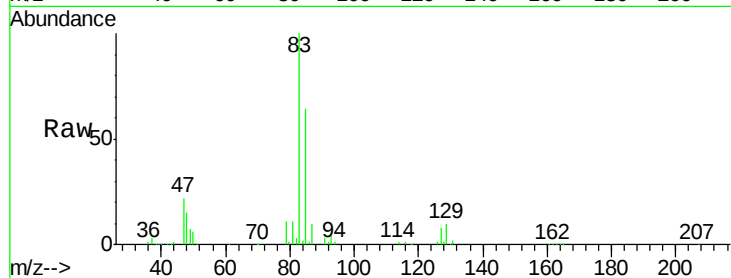
ClientSampled :

VSTDIC020

Tgt Ion:	83	Resp:	76112
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.6	75.8
127	8.2	6.8	10.2

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#48

Methyl methacrylate

Concen: 19.682 ug/l

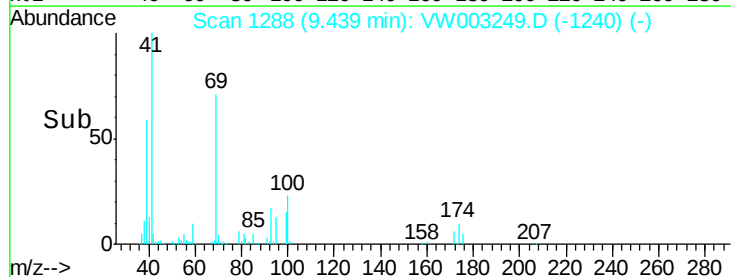
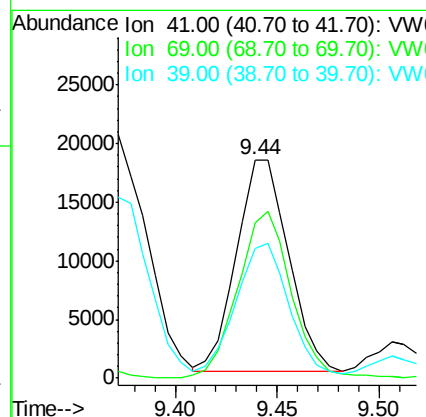
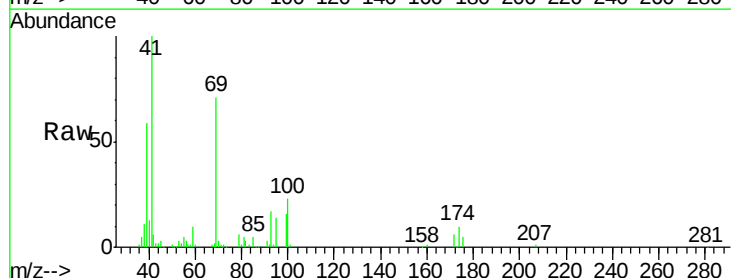
RT: 9.44 min Scan# 1288

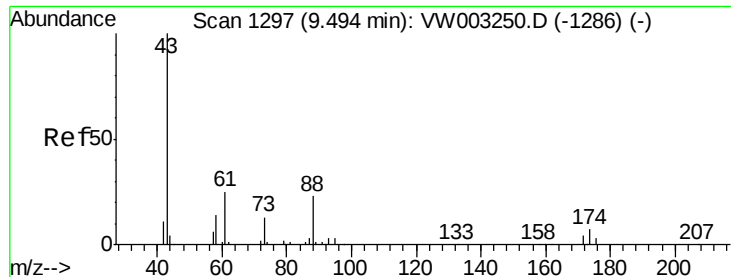
Delta R.T. -0.01 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Tgt Ion:	41	Resp:	31958
Ion	Ratio	Lower	Upper
41	100		
69	81.5	65.4	98.2
39	62.0	54.2	81.2





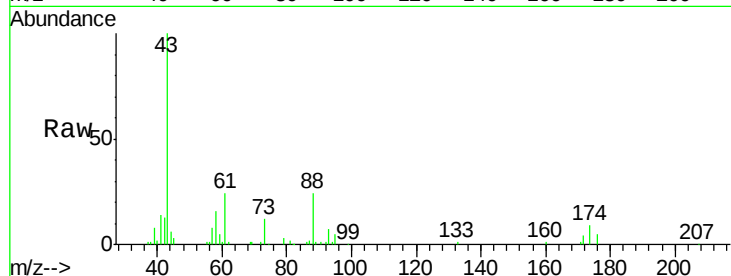
#49
1,4-Dioxane
Concen: 368.146 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

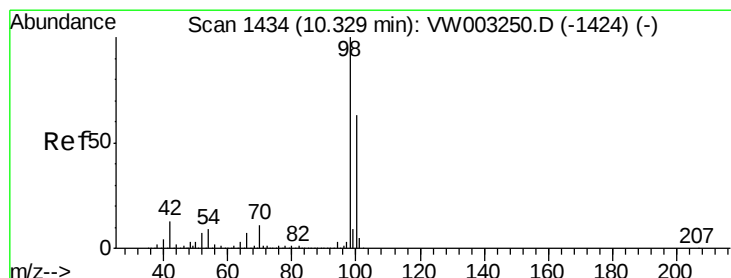
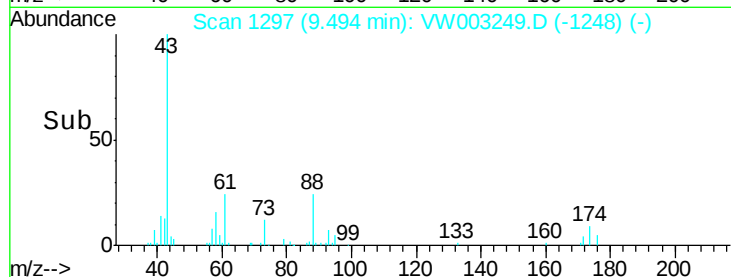
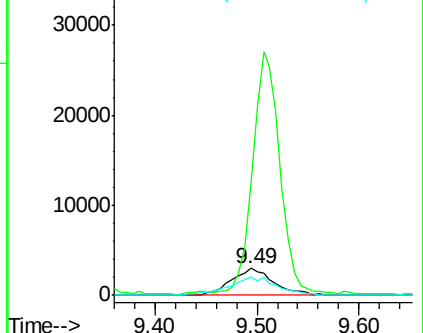
Tgt Ion	Ratio	Lower	Upper
88	100		
43	577.3	454.7	682.1
58	77.6	58.6	88.0

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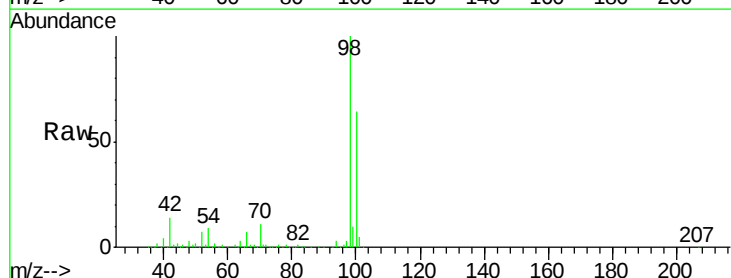


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

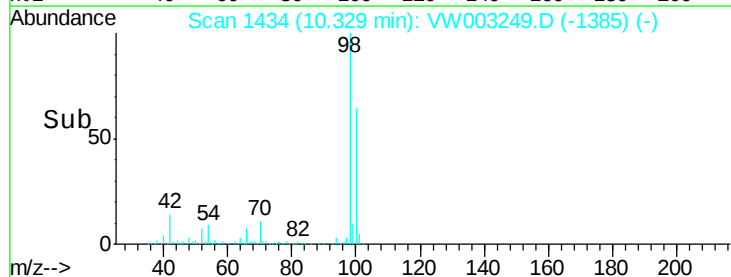
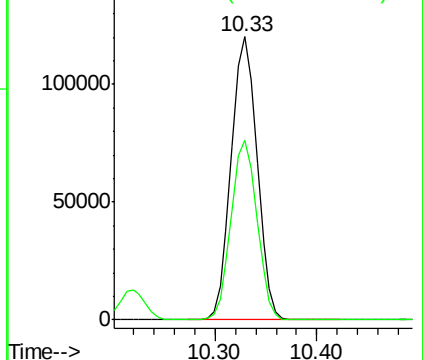


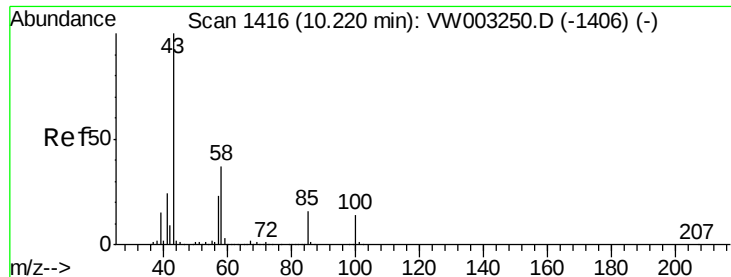
#50
Toluene-d8
Concen: 21.524 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.8	76.2



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





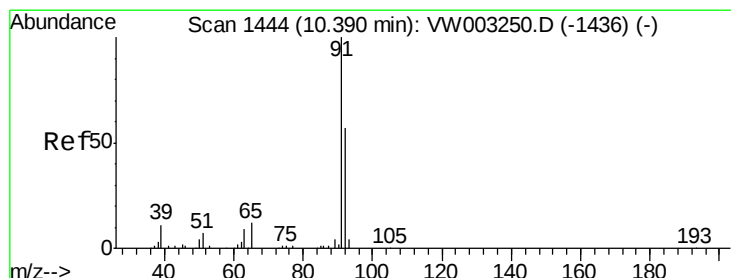
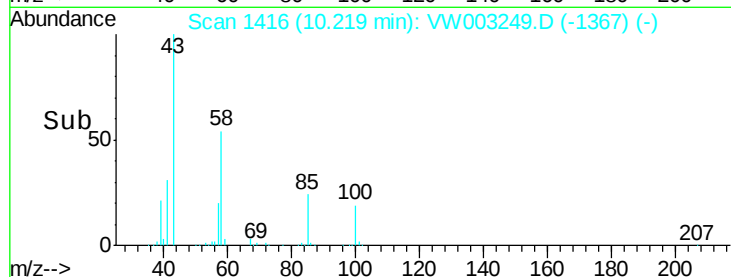
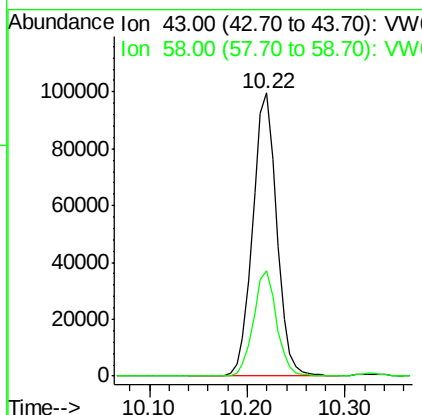
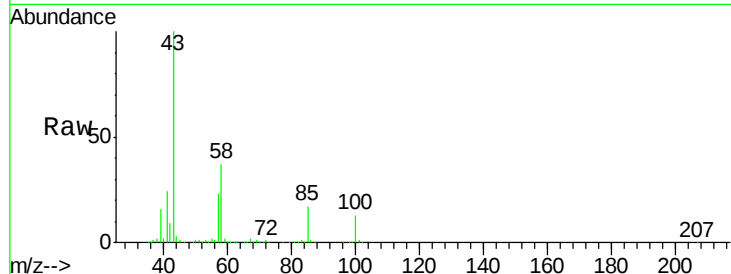
#51
 4-Methyl-2-Pentanone
 Concen: 98.378 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 170804
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.0 43.4

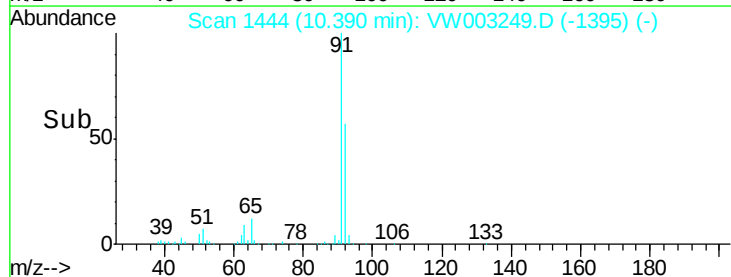
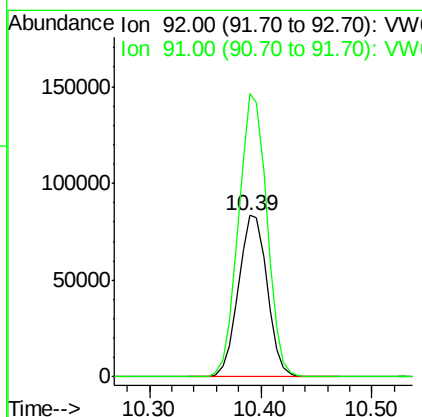
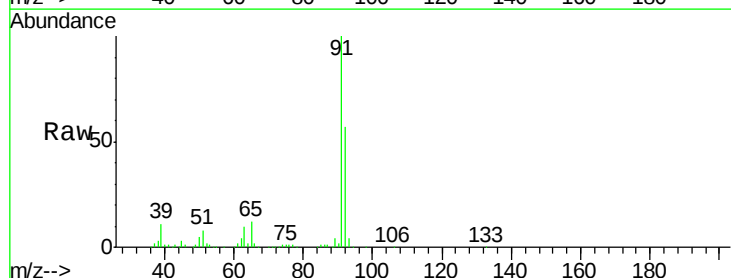
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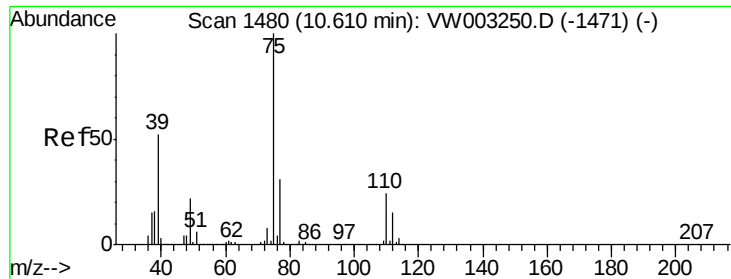
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#52
 Toluene
 Concen: 20.698 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion: 92 Resp: 149482
 Ion Ratio Lower Upper
 92 100
 91 173.2 141.1 211.7





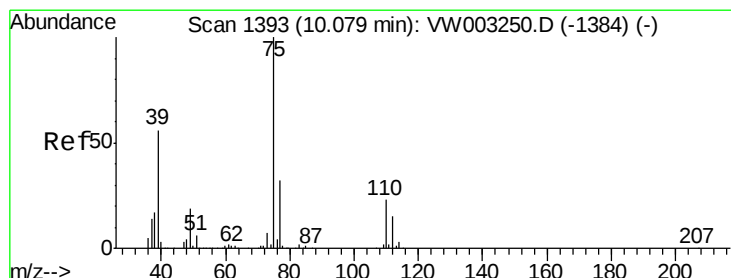
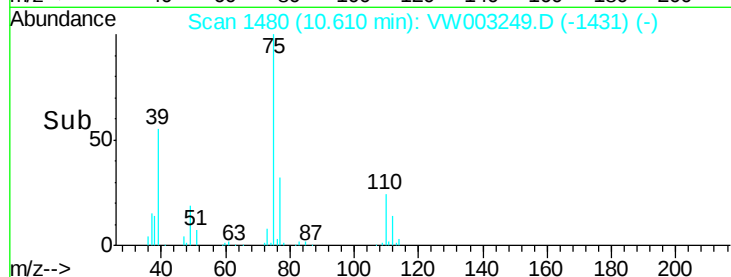
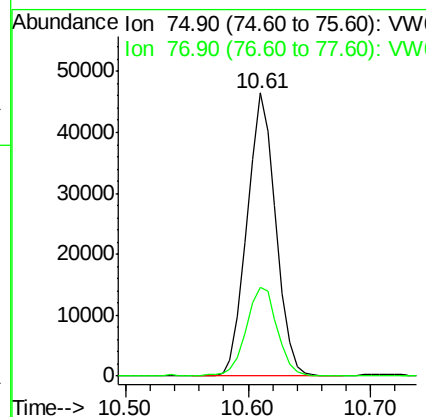
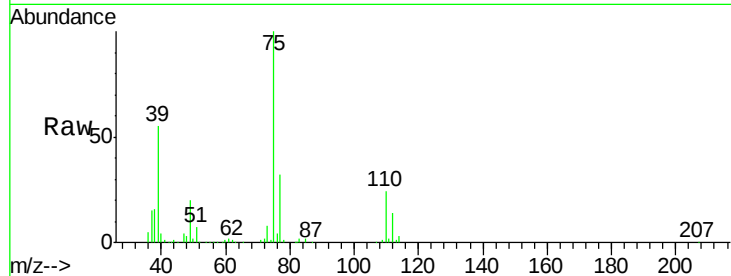
#53
t-1,3-Dichloropropene
Concen: 19.948 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tgt Ion: 75 Resp: 75772
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3

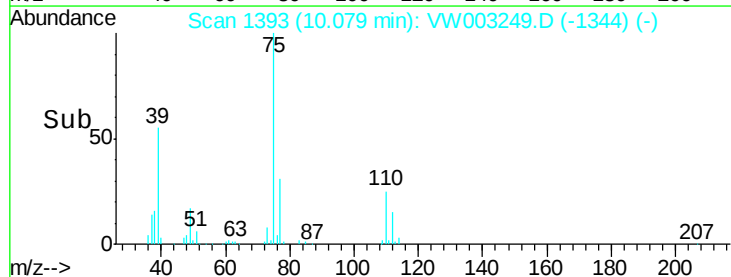
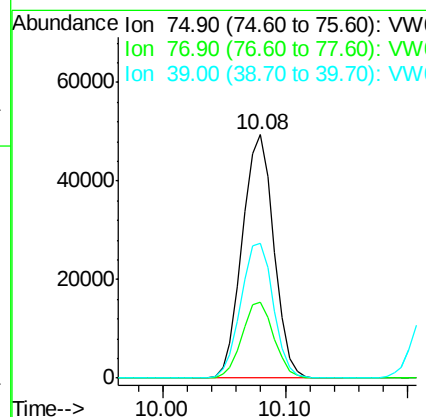
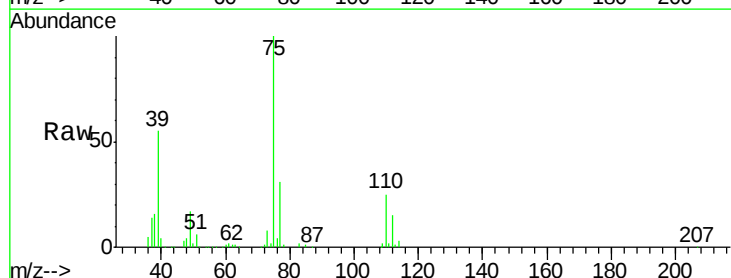
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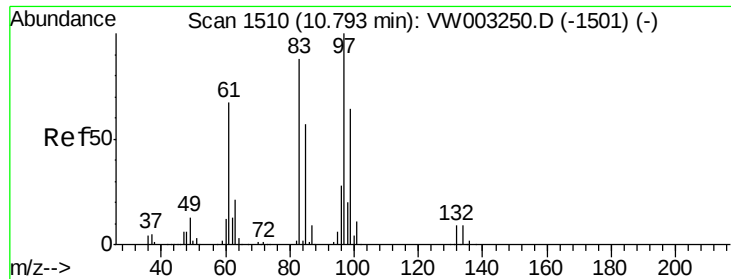
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#54
cis-1,3-Dichloropropene
Concen: 20.517 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion: 75 Resp: 88647
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6
39 55.4 45.2 67.8





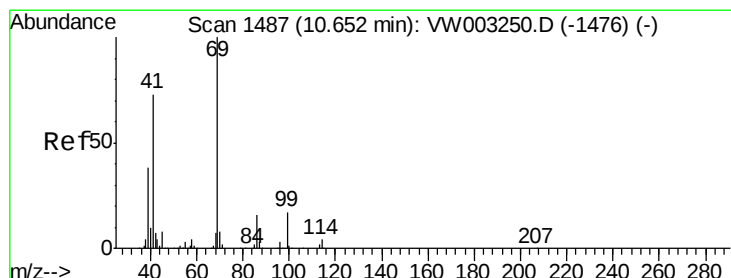
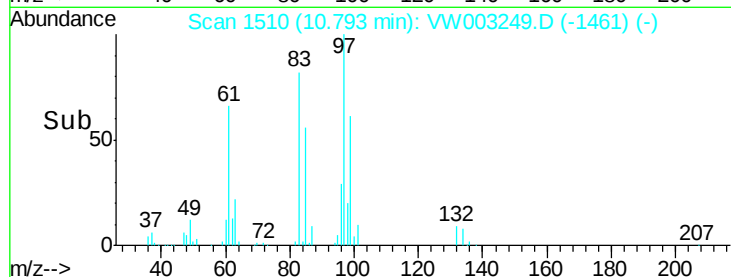
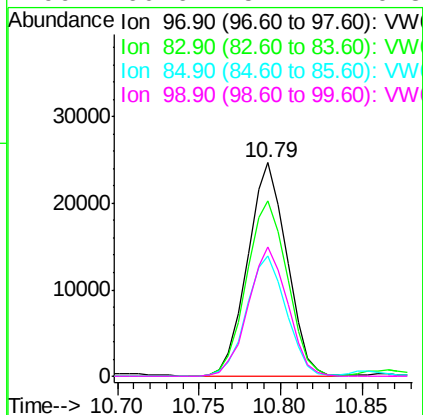
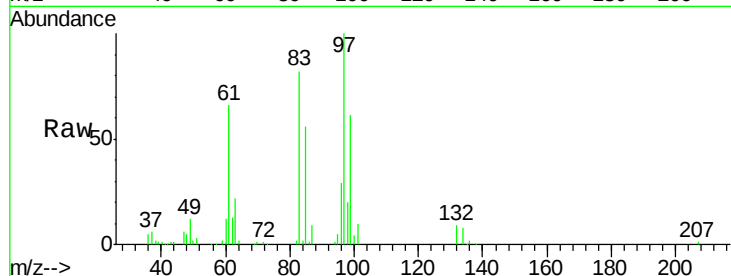
#55
 1,1,2-Trichloroethane
 Concen: 19.897 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	41529
Ion	Ratio	Lower	Upper
97	100		
83	81.8	70.2	105.2
85	56.2	45.6	68.4
99	60.6	51.2	76.8

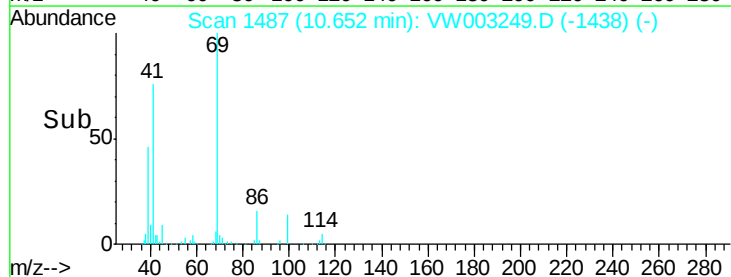
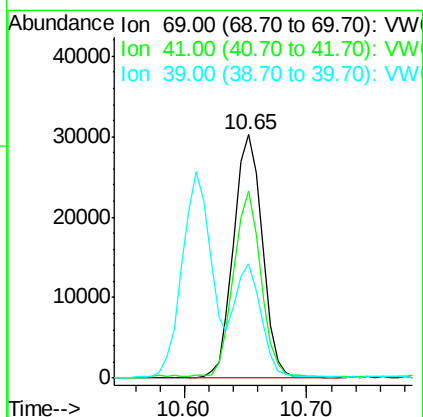
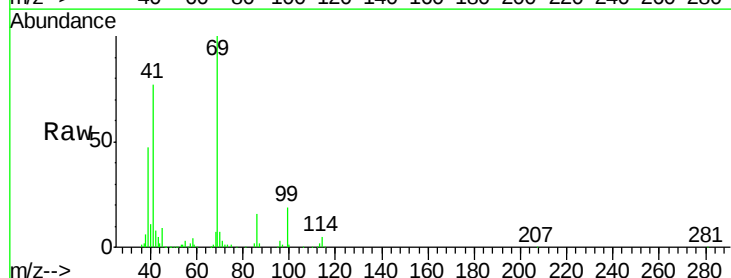
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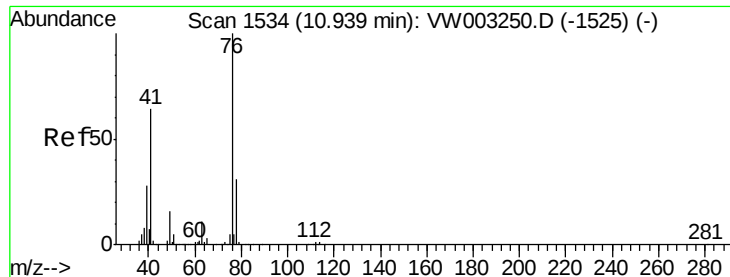
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#56
 Ethyl methacrylate
 Concen: 19.128 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion:	69	Resp:	49484
Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.8	86.6
39	41.8	32.7	49.1





#57

1,3-Dichloropropane

Concen: 20.337 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 73322

Ion Ratio Lower Upper

76 100

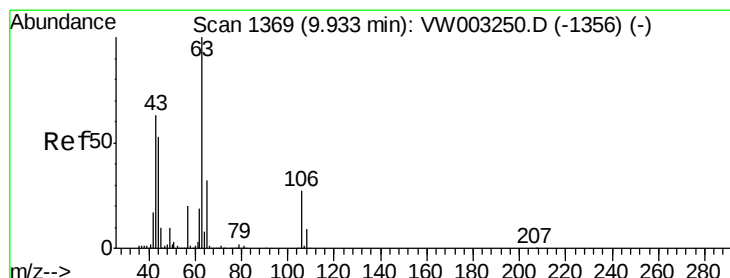
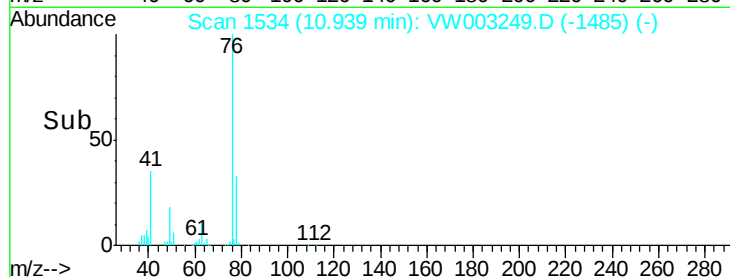
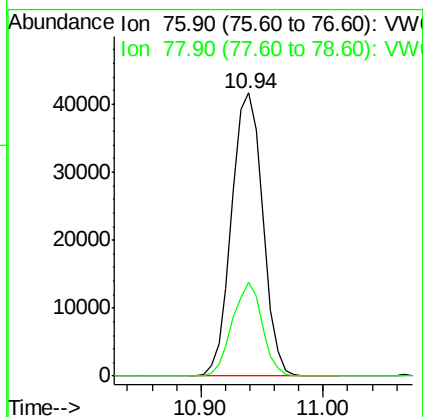
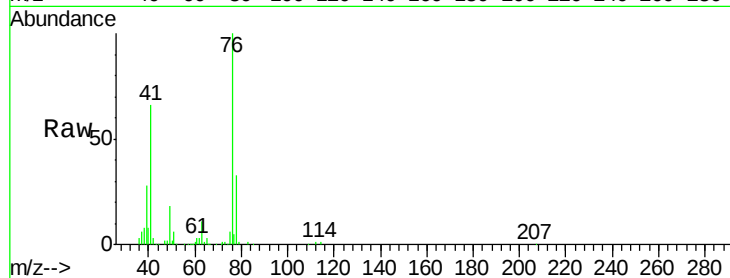
78 31.6 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 97.495 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW003249.D

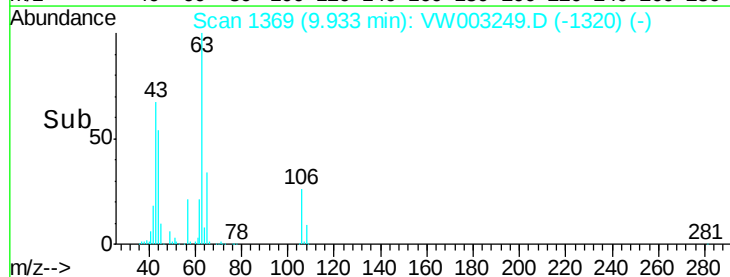
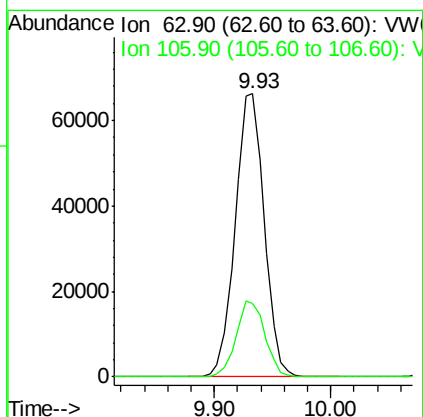
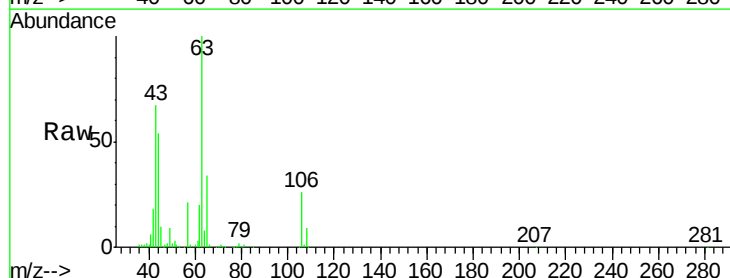
Acq: 13 Jun 2018 16:58

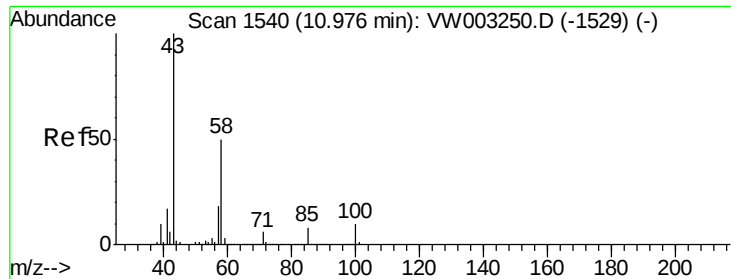
Tgt Ion: 63 Resp: 115040

Ion Ratio Lower Upper

63 100

106 26.6 21.8 32.8





#59

2-Hexanone

Concen: 100.212 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion: 43 Resp: 118403

Ion Ratio Lower Upper

43 100

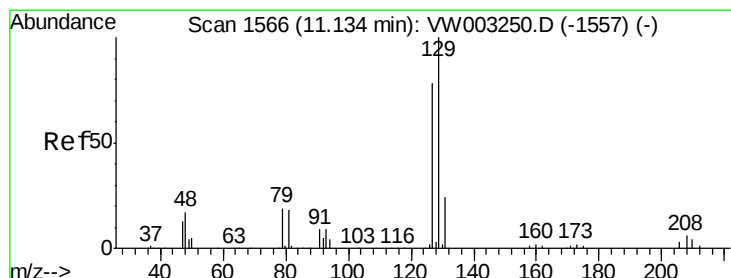
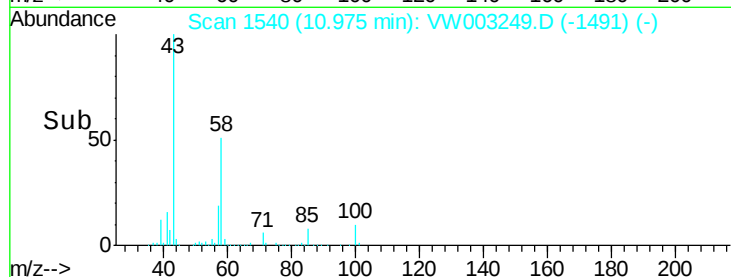
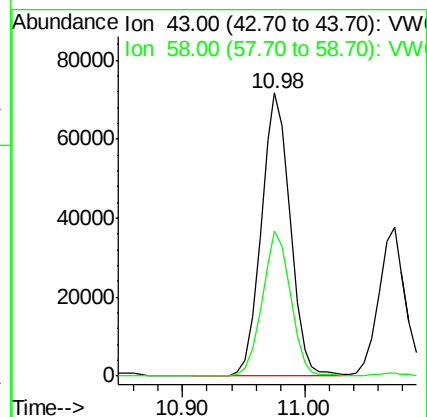
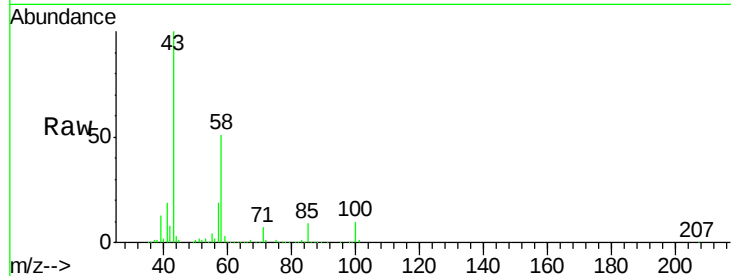
58 50.1 25.0 75.0

Manual Integrations

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#60

Dibromochloromethane

Concen: 19.562 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VW003249.D

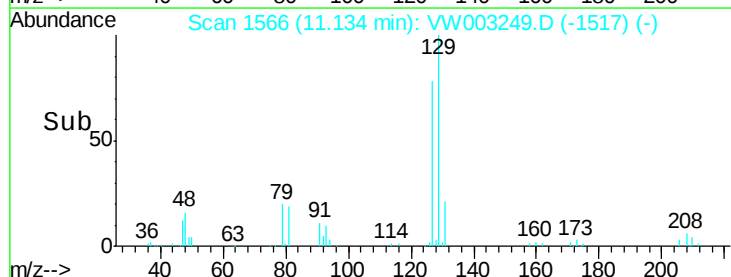
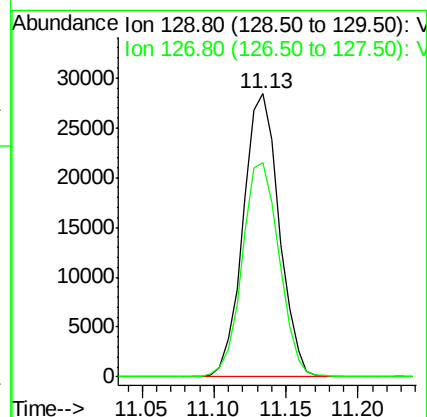
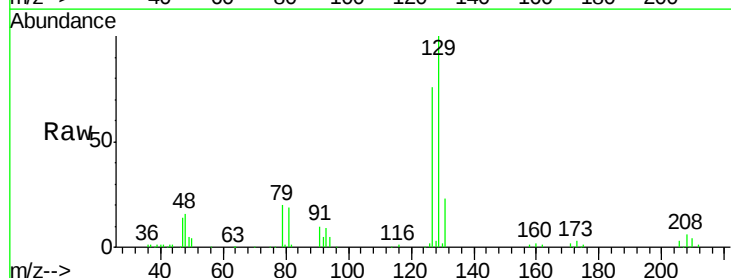
Acq: 13 Jun 2018 16:58

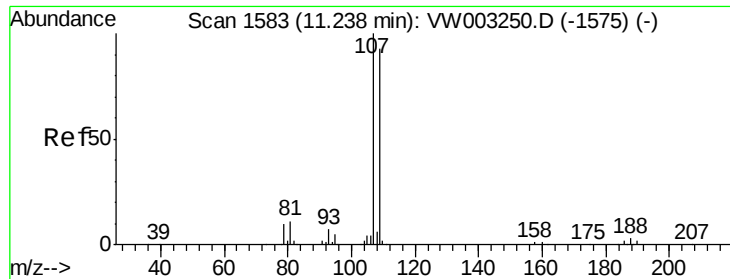
Tgt Ion: 129 Resp: 49101

Ion Ratio Lower Upper

129 100

127 77.7 39.1 117.5





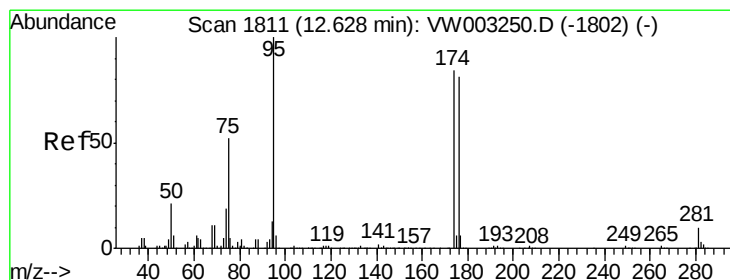
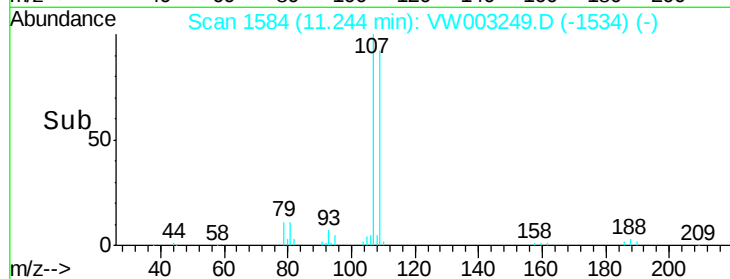
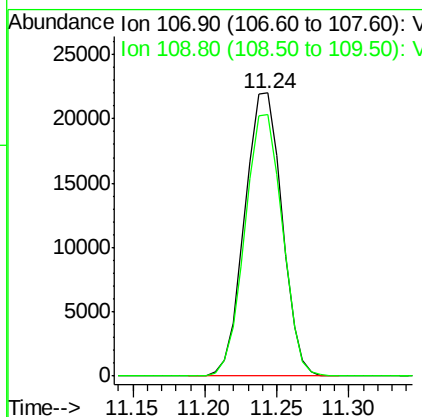
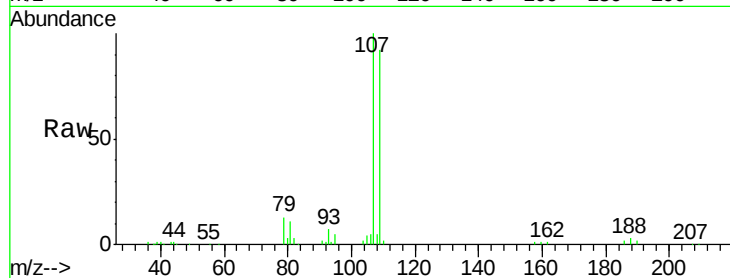
#61
 1,2-Dibromoethane
 Concen: 19.668 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 107 Resp: 39554
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.8 113.6

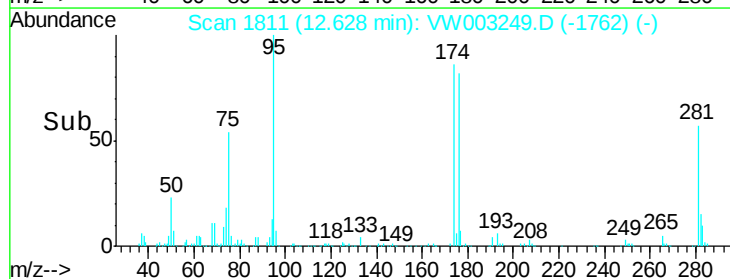
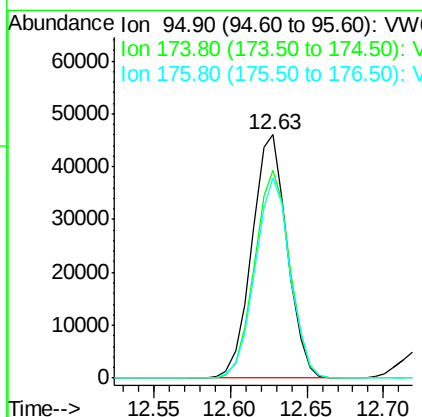
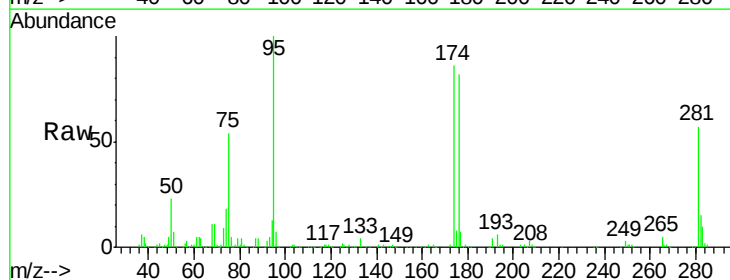
Manual Integrations
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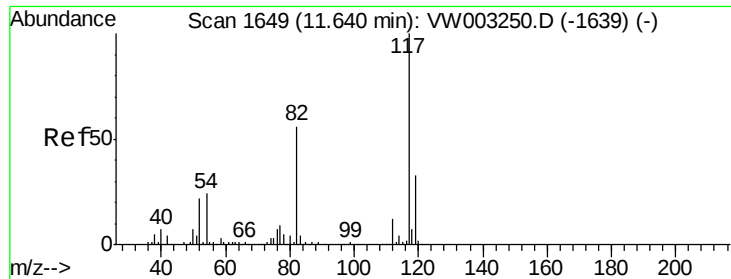
apatel
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#62
 4-Bromofluorobenzene
 Concen: 20.729 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion: 95 Resp: 73792
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 166.4
 176 81.8 0.0 162.0





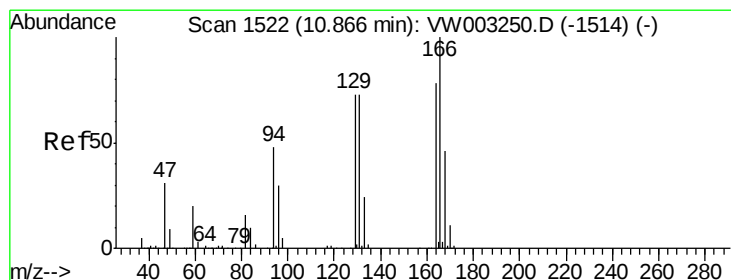
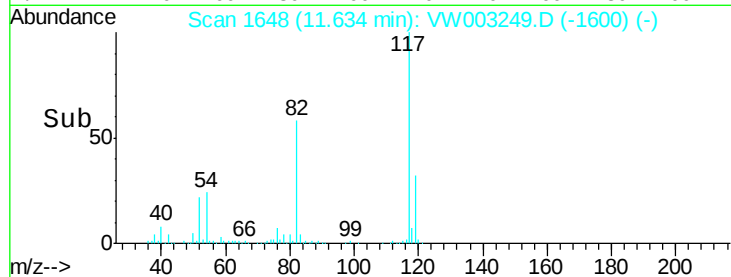
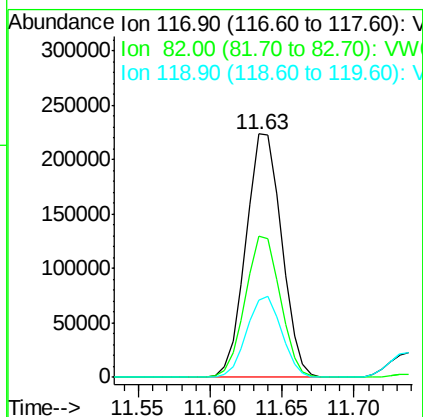
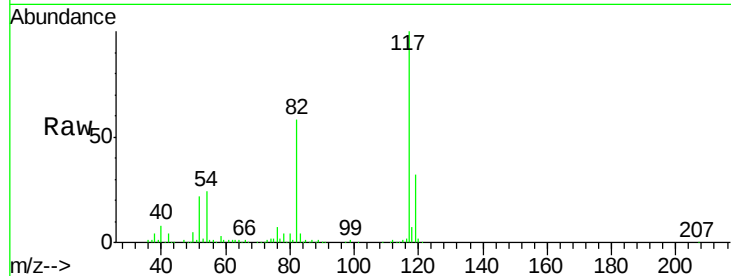
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	58.1	44.6	67.0
119	31.5	26.7	40.1

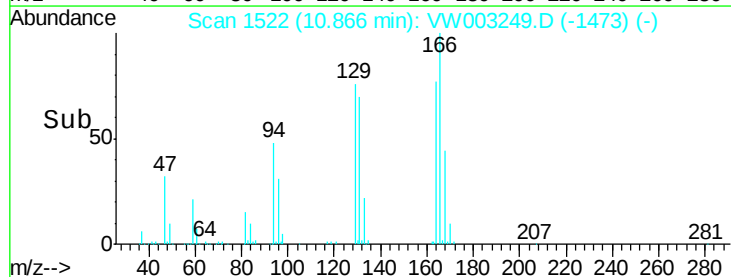
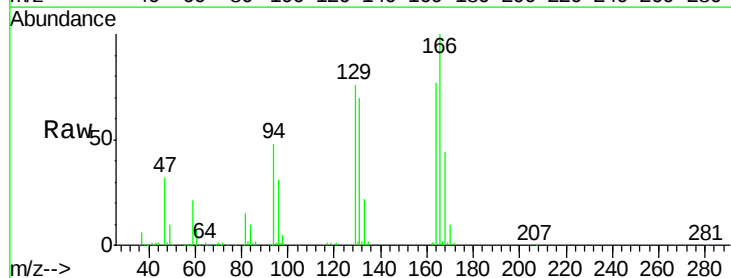
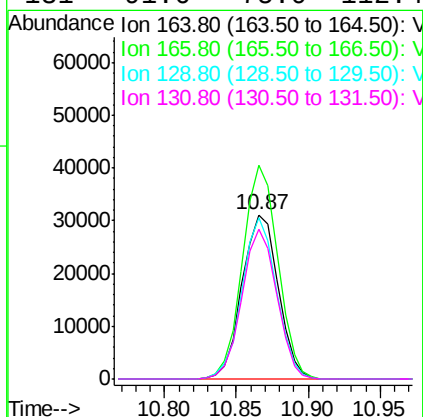
Manual Integrations
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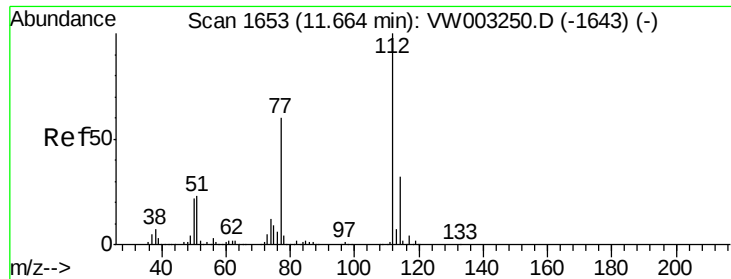
apatel
6/14/2018 10:02:34 AM



#64
Tetrachloroethene
Concen: 19.887 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	130.3	102.6	154.0
129	98.4	75.2	112.8
131	91.6	75.0	112.4





#65

Chlorobenzene

Concen: 20.640 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion:112 Resp: 162940

Ion Ratio Lower Upper

112 100

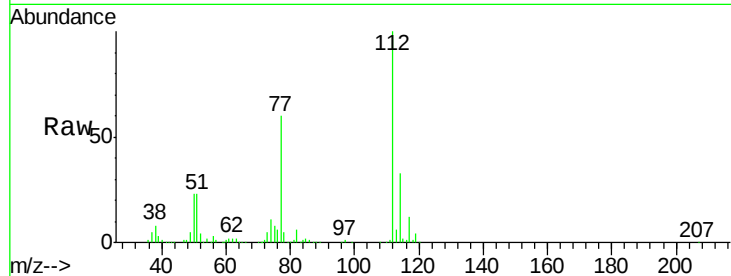
114 33.2 25.9 38.9

Manual Integrations

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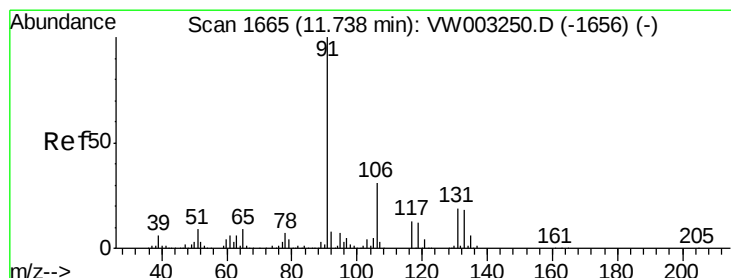
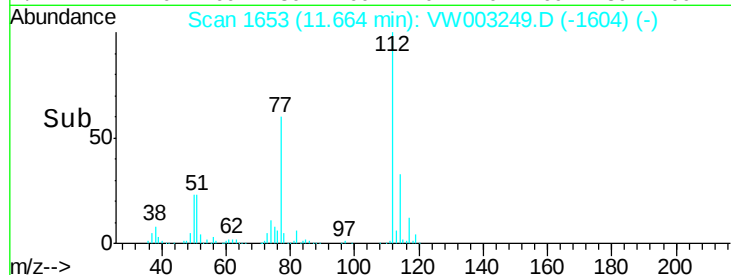
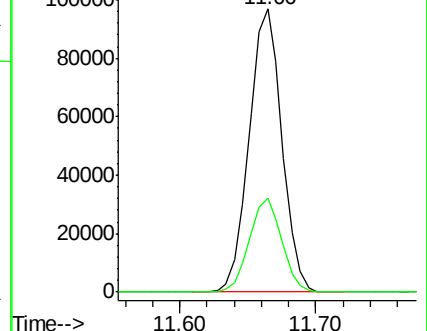
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.814 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

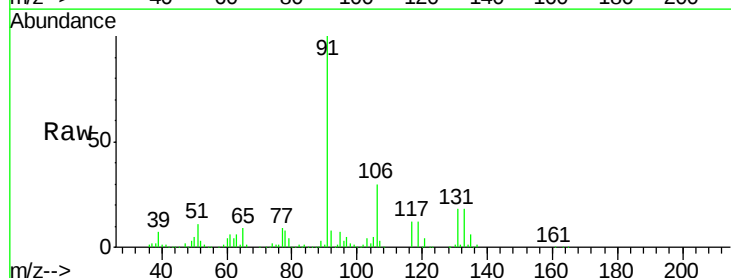
Tgt Ion:131 Resp: 57315

Ion Ratio Lower Upper

131 100

133 95.1 47.3 142.0

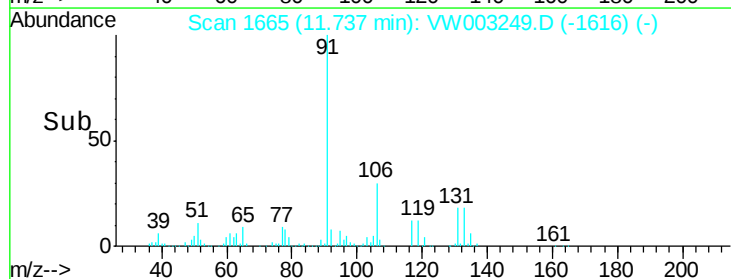
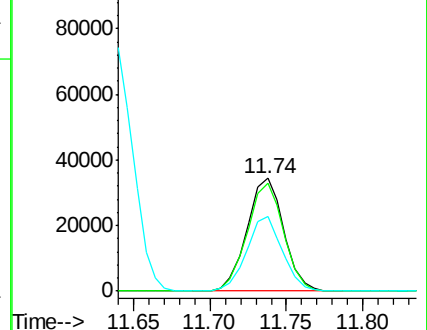
119 64.4 32.5 97.4

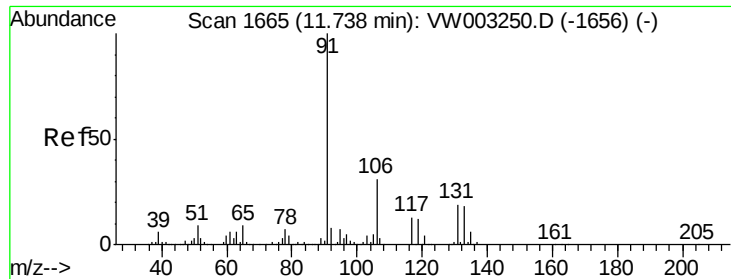


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





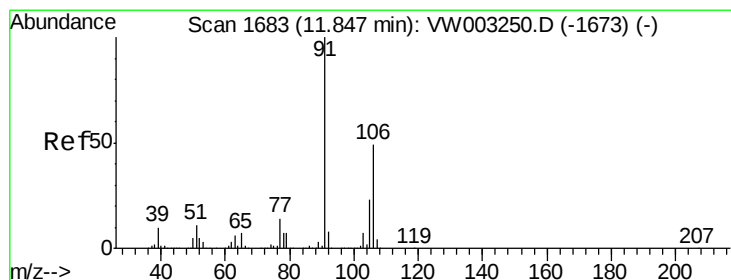
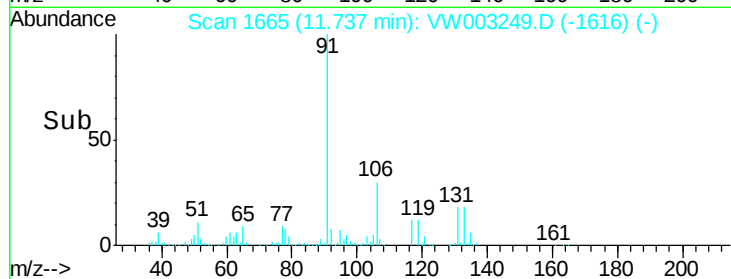
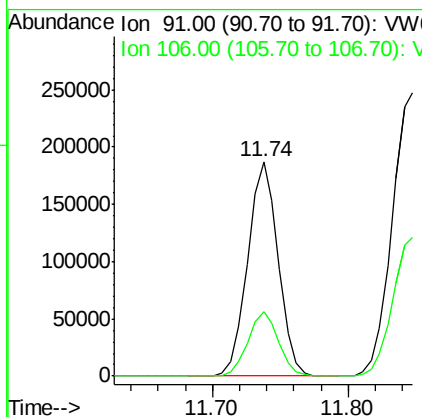
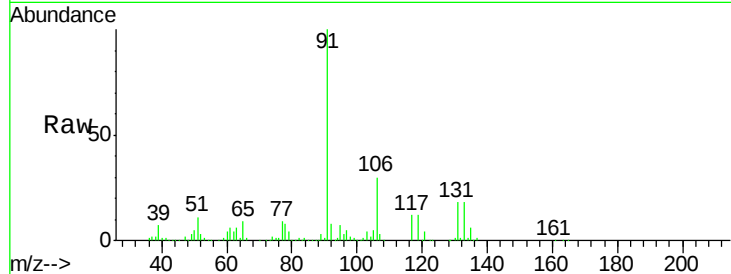
#67
Ethyl Benzene
Concen: 21.057 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 293969
Ion Ratio Lower Upper
91 100
106 29.9 24.7 37.1

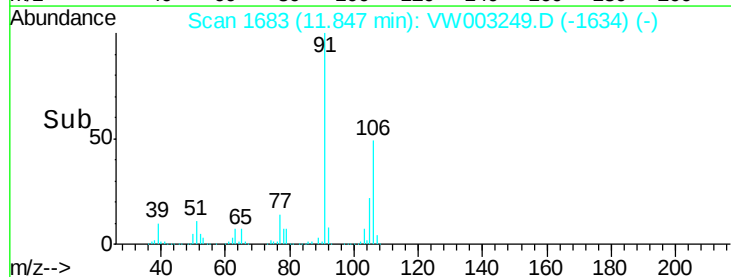
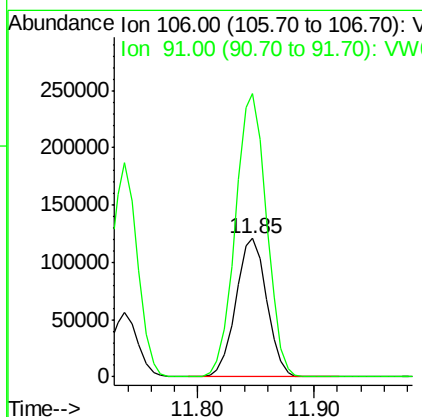
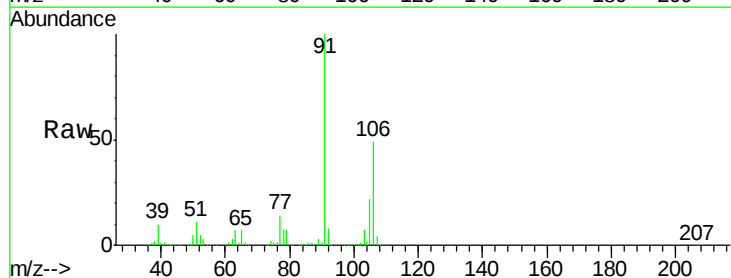
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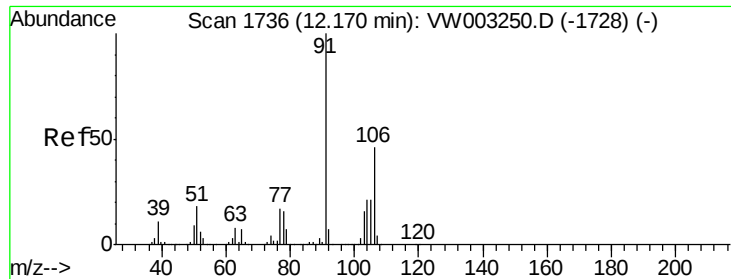
apatel
6/14/2018 10:02:34 AM



#68
m/p-Xylenes
Concen: 41.864 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion: 106 Resp: 223440
Ion Ratio Lower Upper
106 100
91 206.1 165.4 248.0





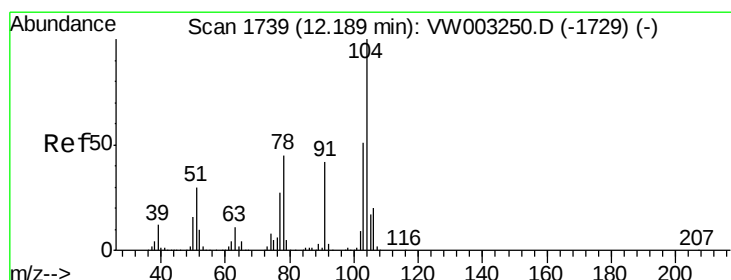
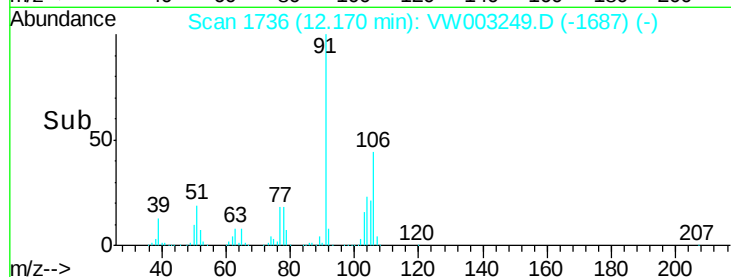
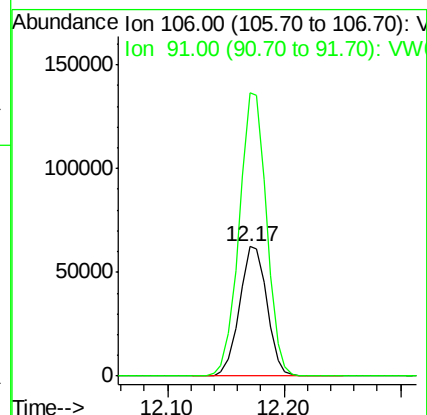
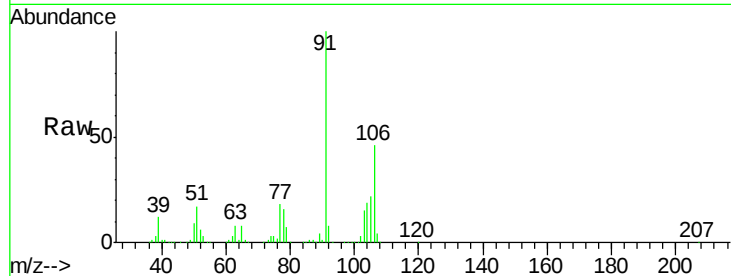
#69
o-Xylene
Concen: 20.412 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tgt Ion:106 Resp: 102734
Ion Ratio Lower Upper
106 100
91 217.2 108.6 325.6

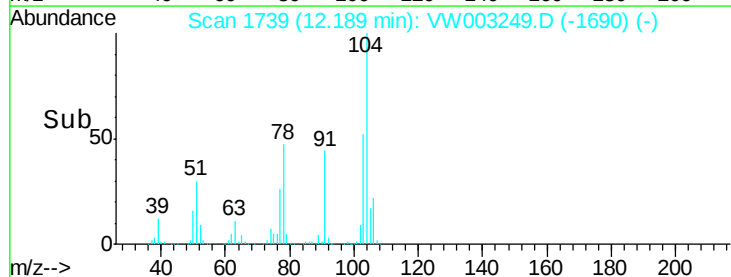
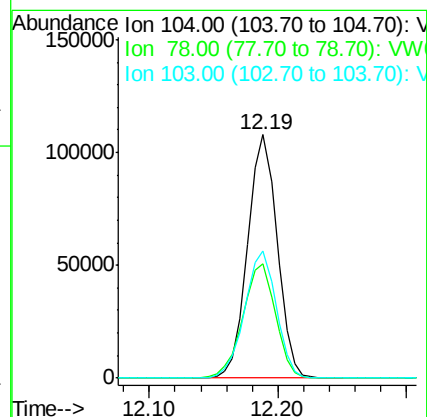
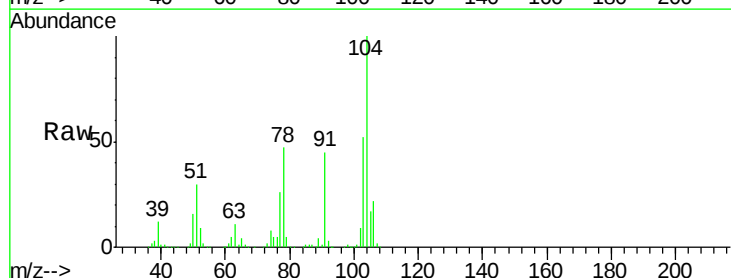
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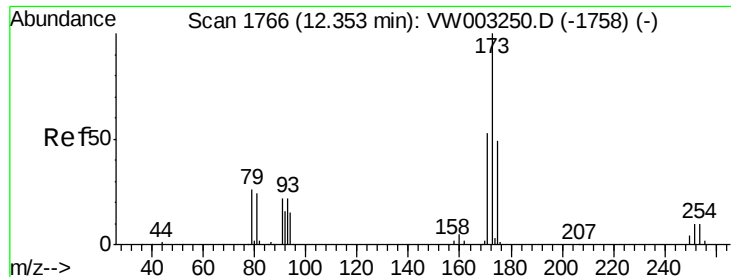
apatel
6/14/2018 10:02:34 AM



#70
Styrene
Concen: 20.335 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion:104 Resp: 170900
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 55.8 45.0 67.4





#71

Bromoform

Concen: 19.893 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

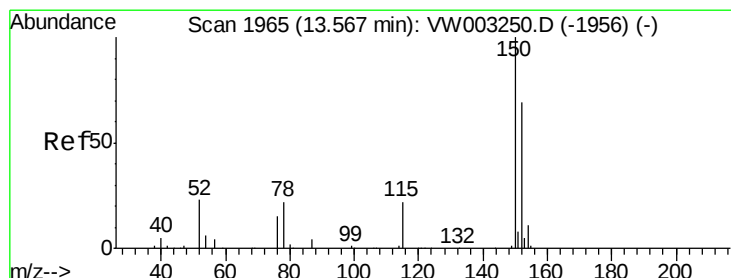
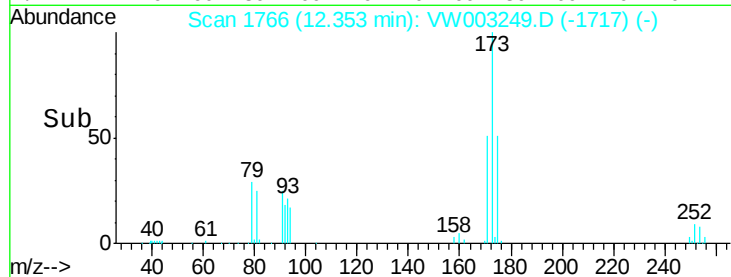
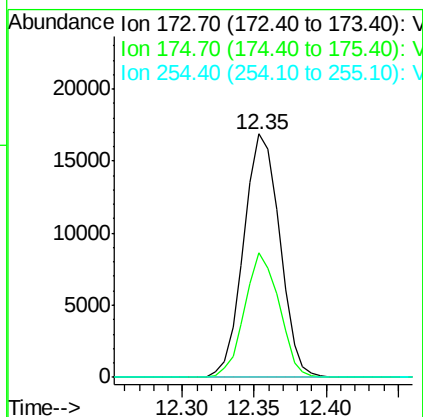
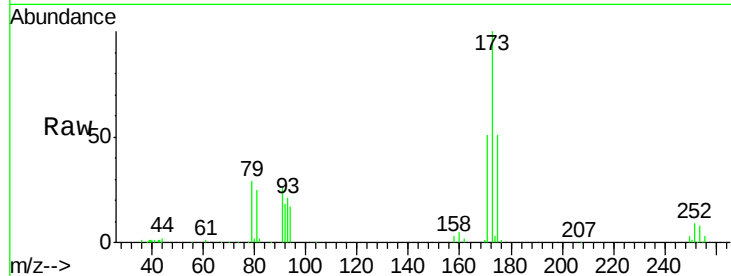
ClientSampleId :

VSTDIC020

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

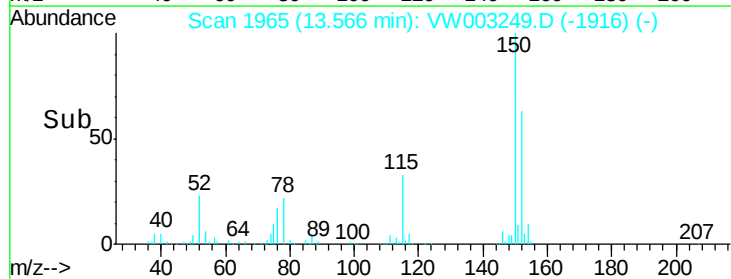
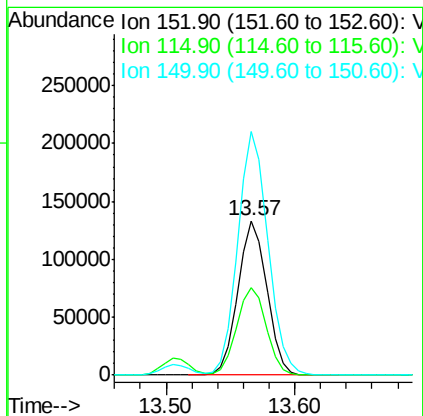
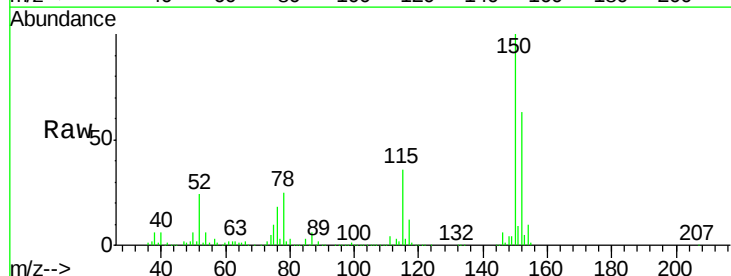
RT: 13.57 min Scan# 1965

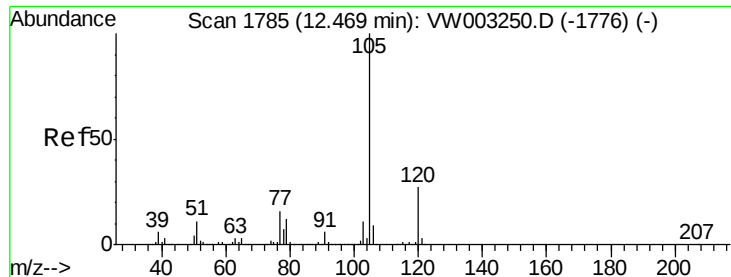
Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	88.0
150	164.5	0.0	349.6





#73

Isopropylbenzene

Concen: 20.314 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 105 Resp: 291052

Ion Ratio Lower Upper

105 100

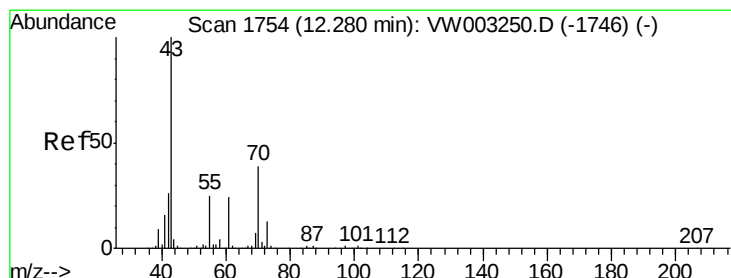
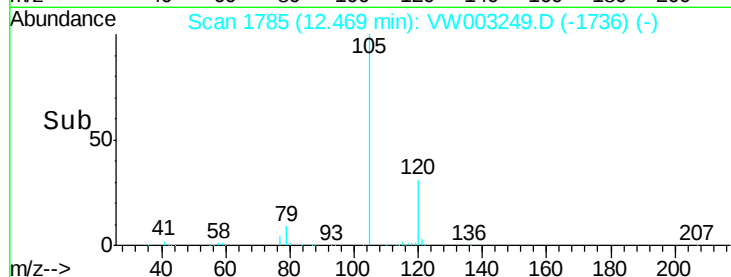
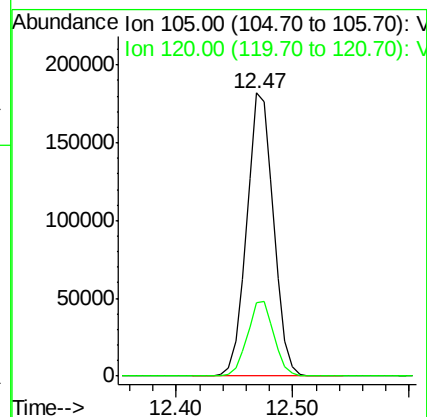
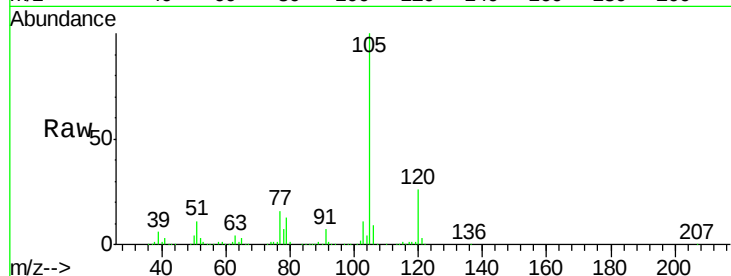
120 26.3 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.237 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Tgt Ion: 43 Resp: 63517

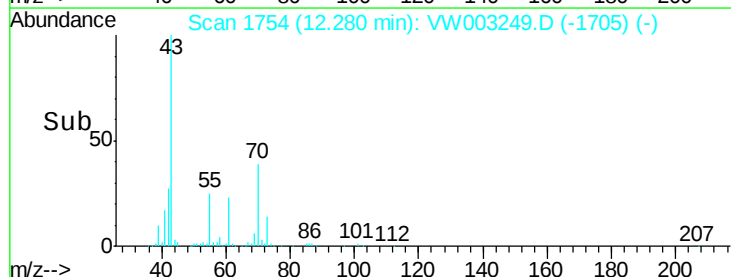
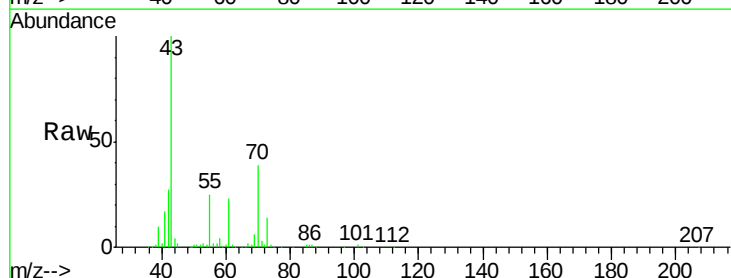
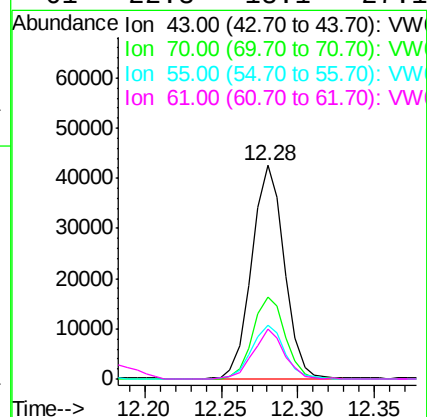
Ion Ratio Lower Upper

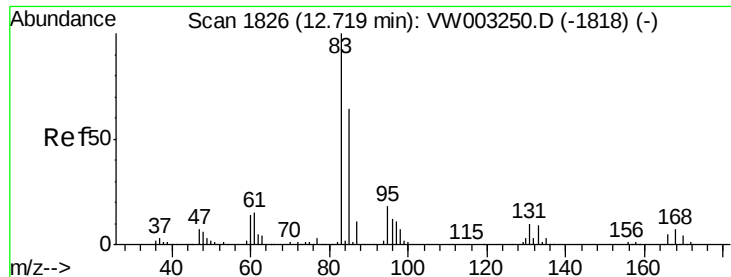
43 100

70 38.7 31.0 46.6

55 25.4 19.7 29.5

61 22.3 18.1 27.1





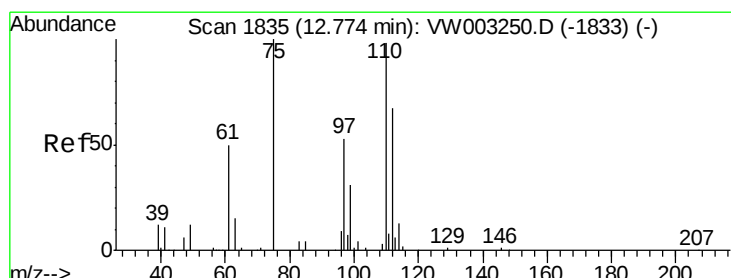
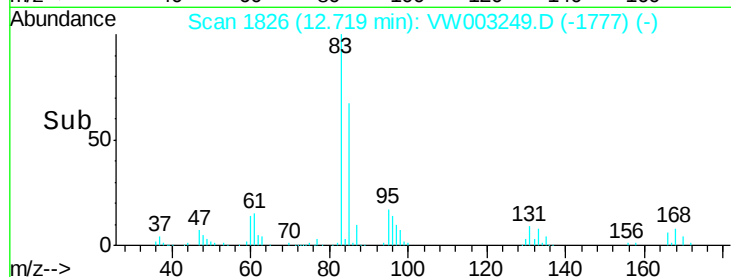
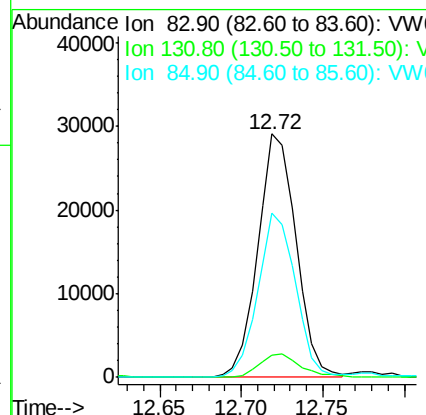
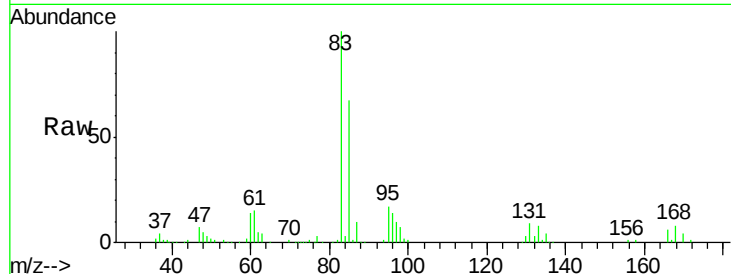
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.493 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.4	16.2
85	66.7	31.9	95.7

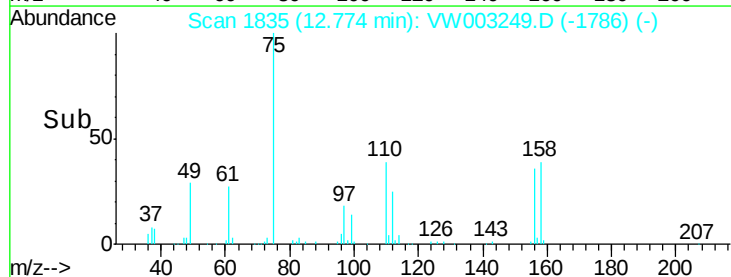
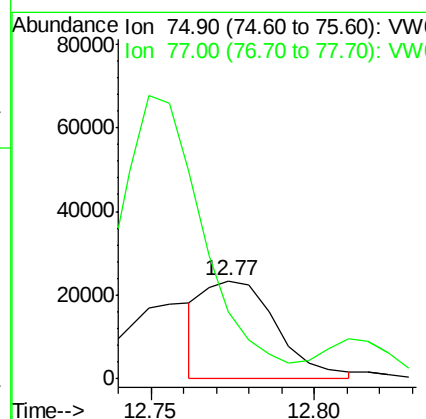
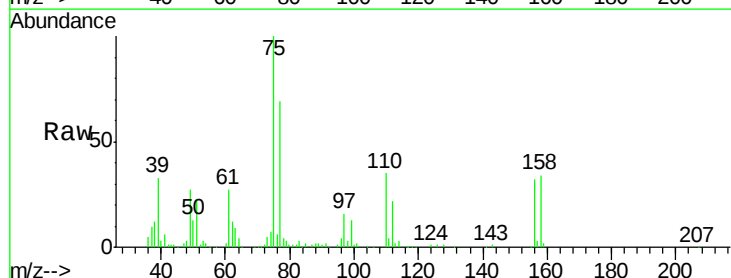
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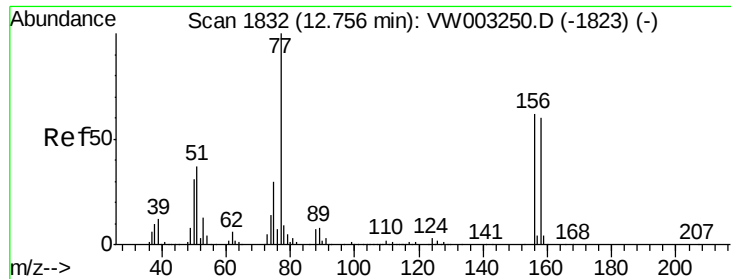
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 19.856 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.278 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

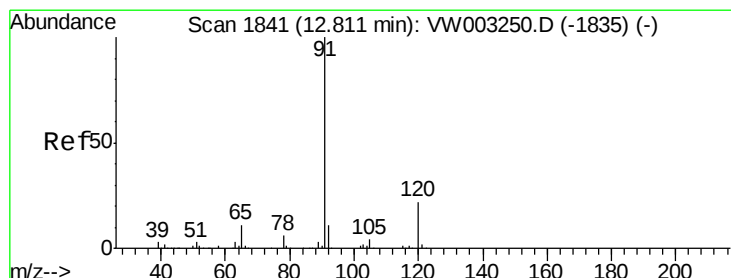
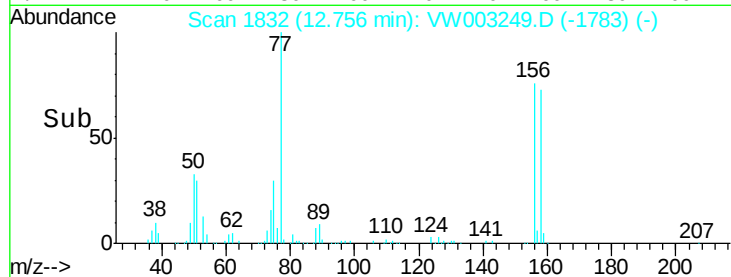
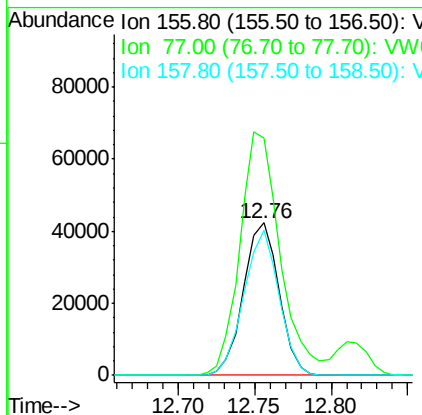
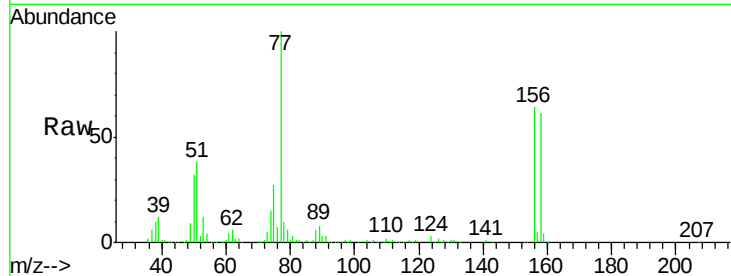
ClientSampleId :

VSTDIC020

Tgt Ion:	156	Resp:	68494
Ion Ratio	Lower	Upper	
156	100		
77	179.6	92.3	276.9
158	94.3	47.5	142.6

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#78

n-propylbenzene

Concen: 21.269 ug/l

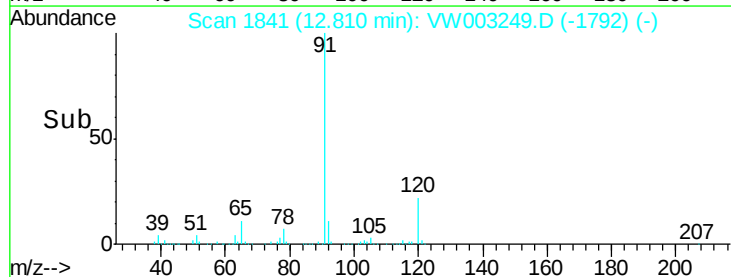
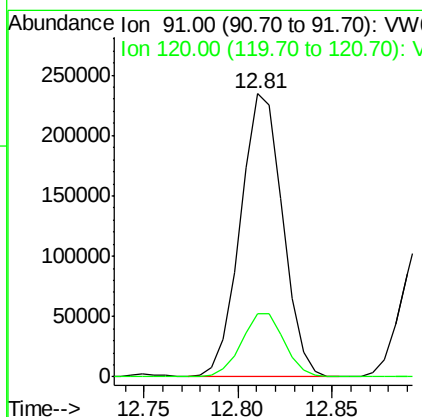
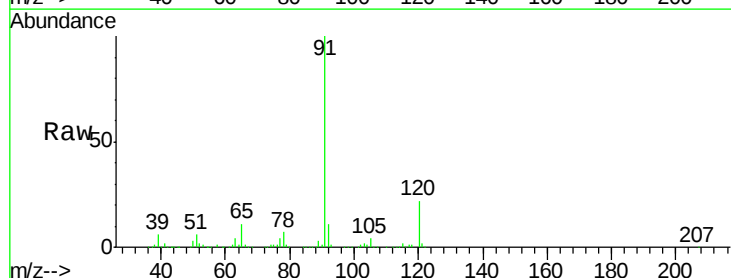
RT: 12.81 min Scan# 1841

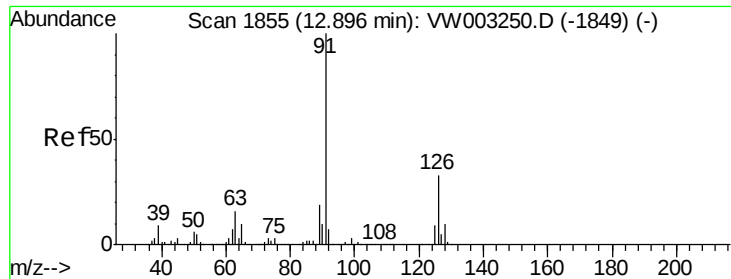
Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Tgt Ion:	91	Resp:	363898
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.3	33.8





#79

2-Chlorotoluene

Concen: 20.958 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 203746

Ion Ratio Lower Upper

91 100

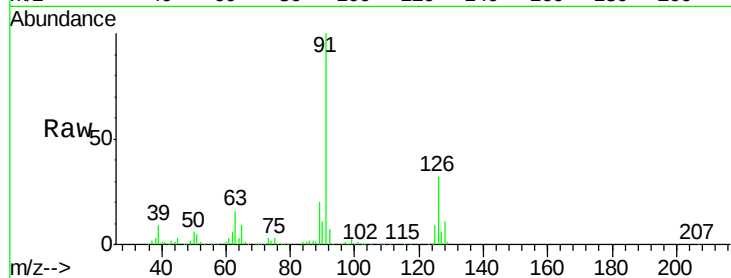
126 33.0 16.8 50.4

Manual Integrations

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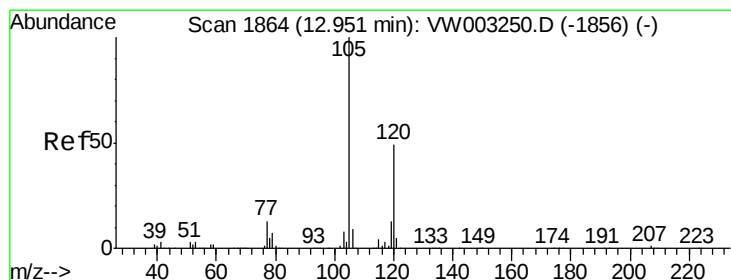
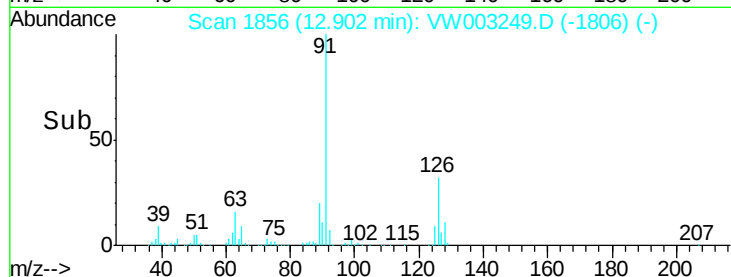
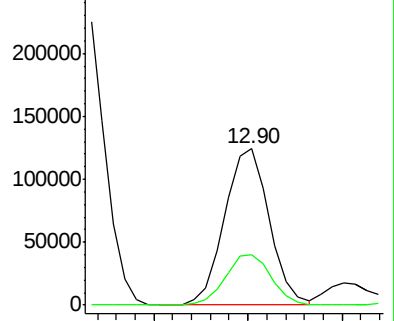
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.942 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003249.D

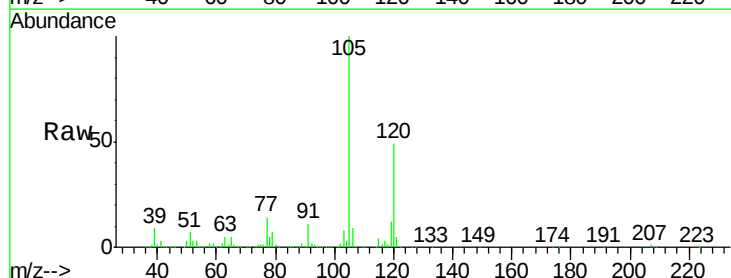
Acq: 13 Jun 2018 16:58

Tgt Ion: 105 Resp: 250224

Ion Ratio Lower Upper

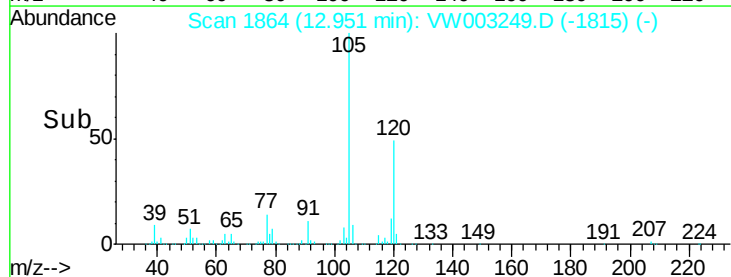
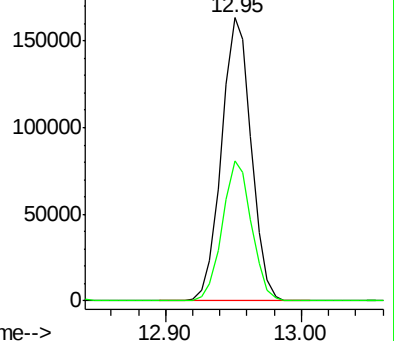
105 100

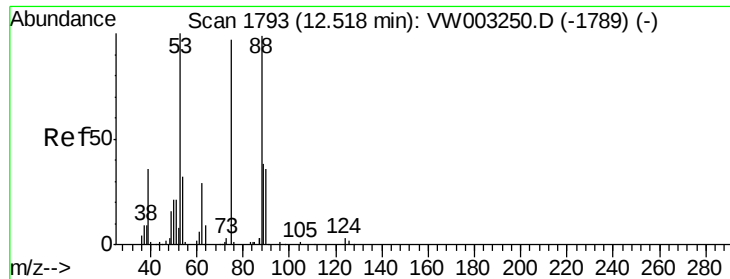
120 48.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





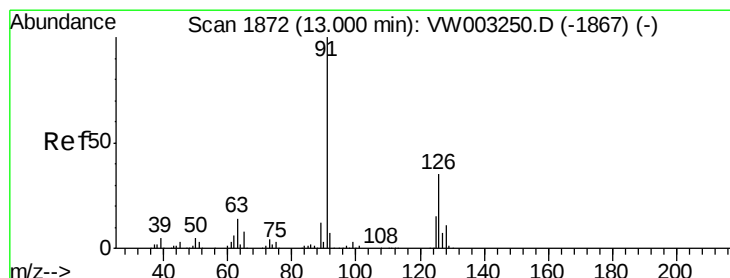
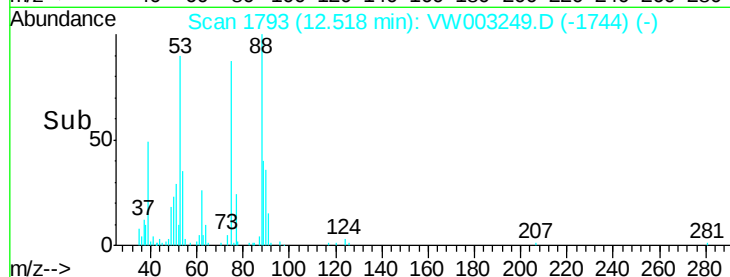
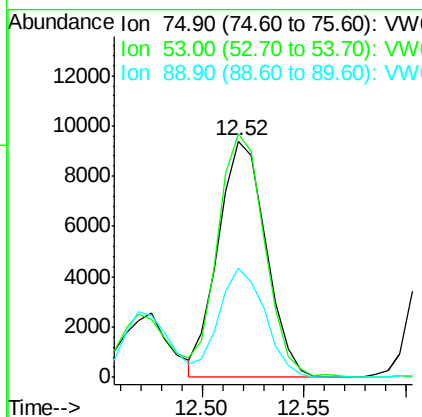
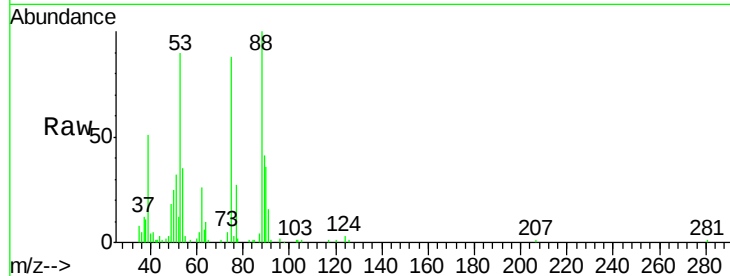
#81
trans-1,4-Dichloro-2-butene
Concen: 21.123 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.1	82.9	124.3
89	44.8	36.7	55.1

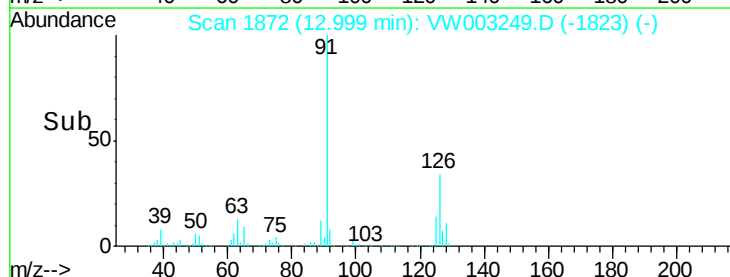
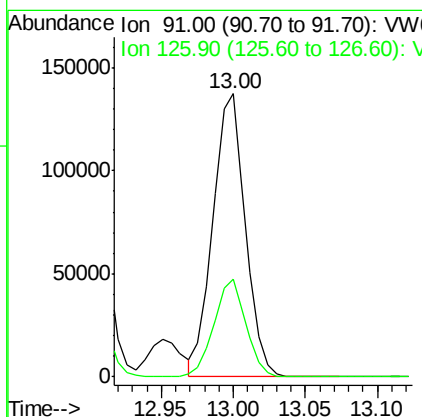
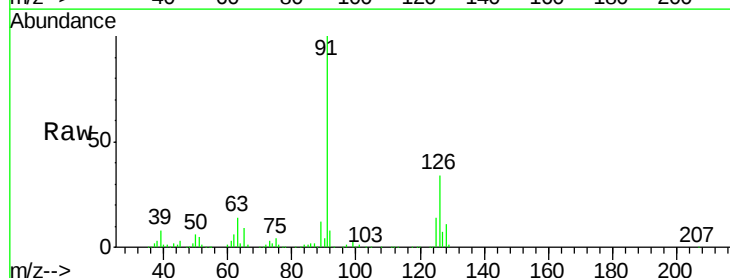
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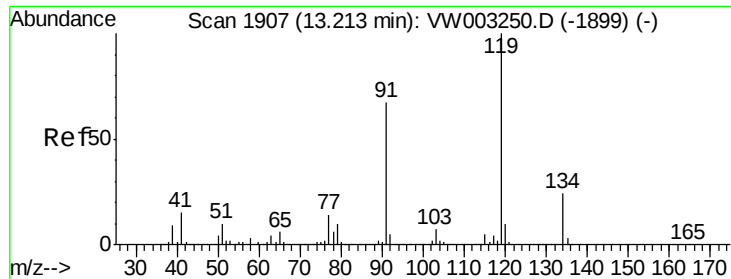
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#82
4-Chlorotoluene
Concen: 20.849 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.8	50.3





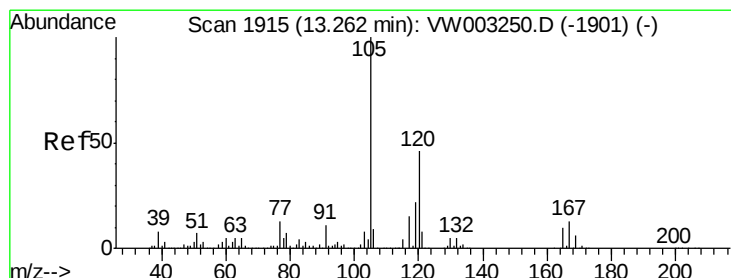
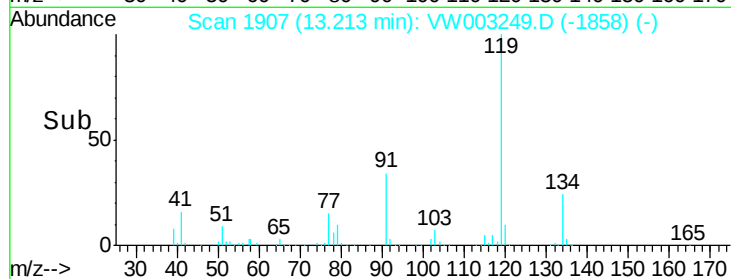
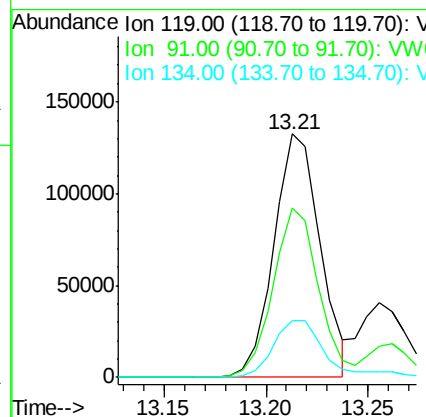
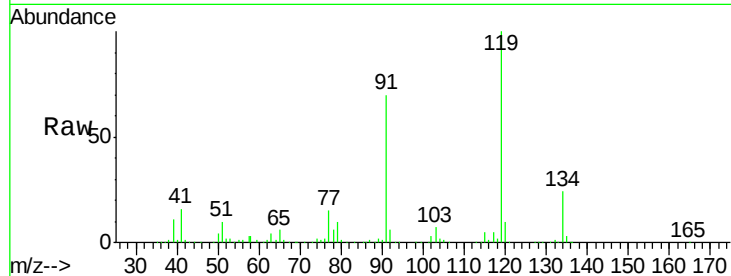
#83
tert-Butylbenzene
Concen: 19.877 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	209048		
91	68.9	33.9	101.7	
134	26.6	13.4	40.1	

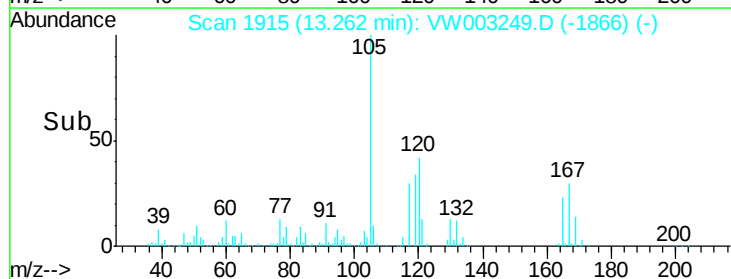
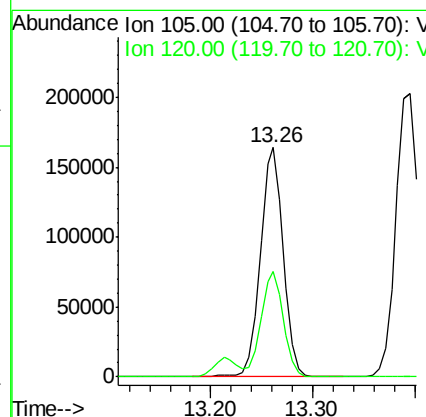
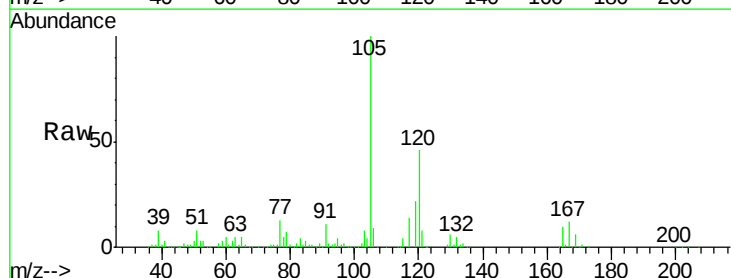
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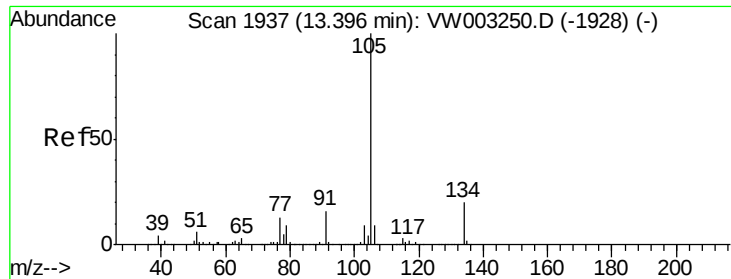
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#84
1,2,4-Trimethylbenzene
Concen: 20.808 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	256804		
120	45.1	22.5	67.5	





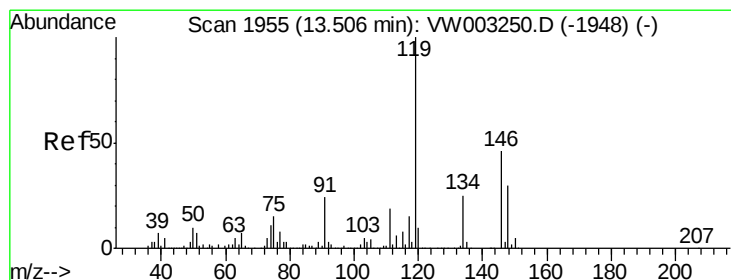
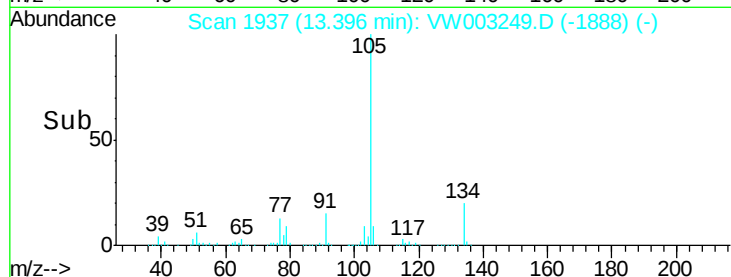
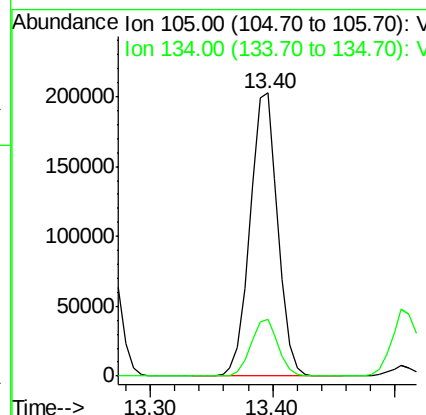
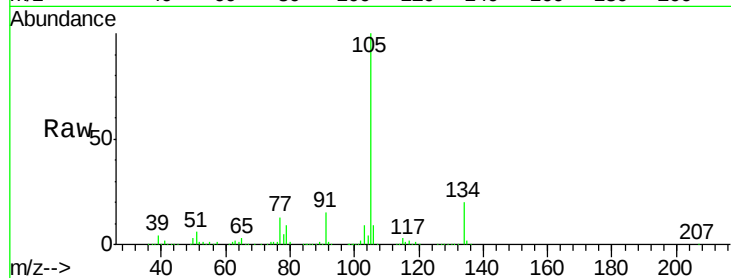
#85
 sec-Butylbenzene
 Concen: 21.224 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5

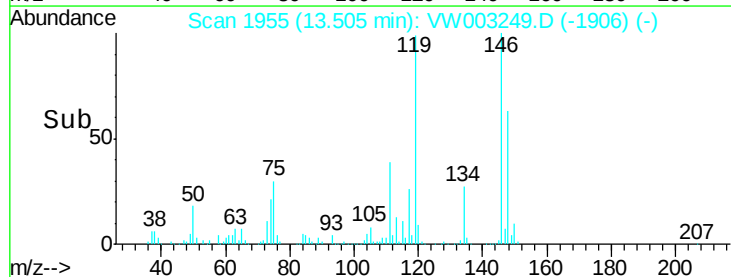
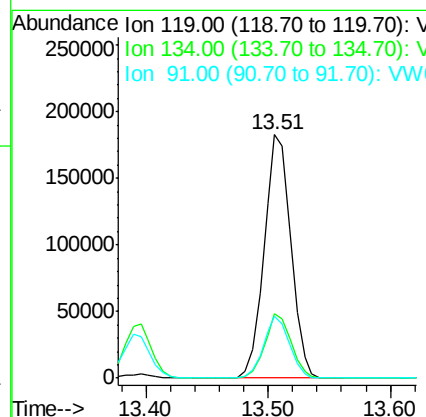
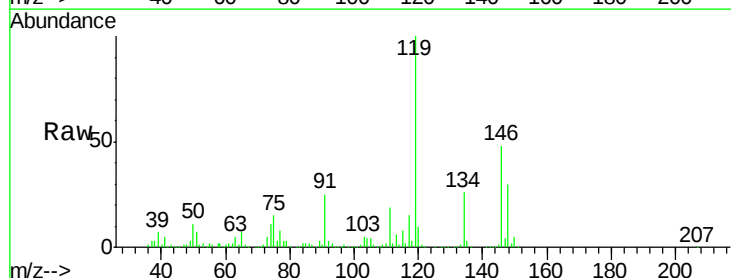
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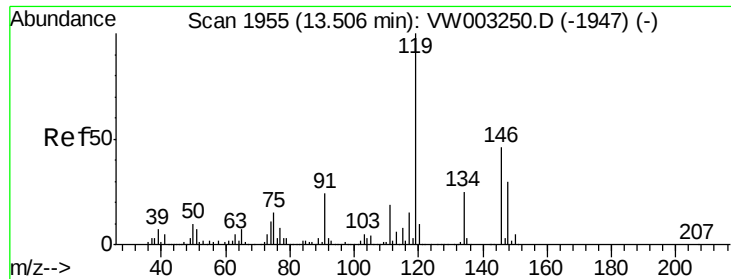
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#86
 p-Isopropyltoluene
 Concen: 20.859 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	24.5	11.8	35.3





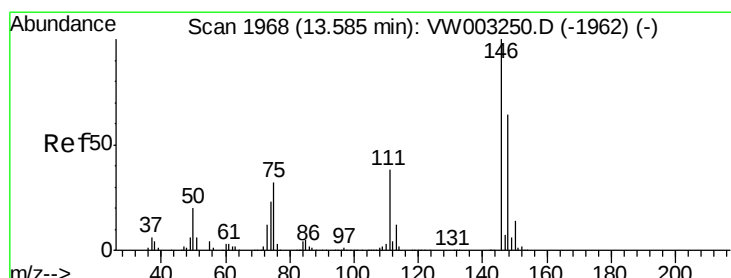
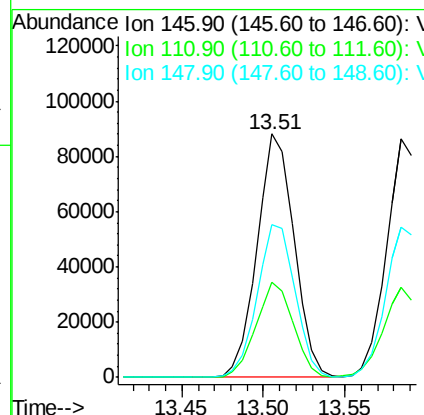
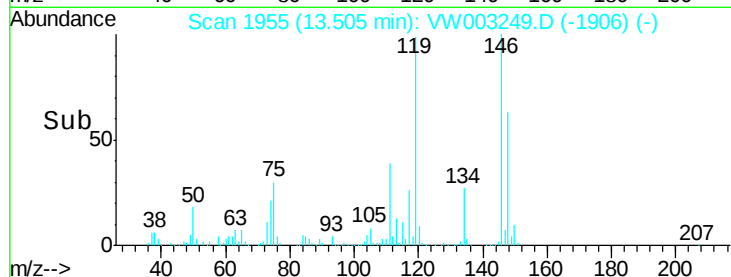
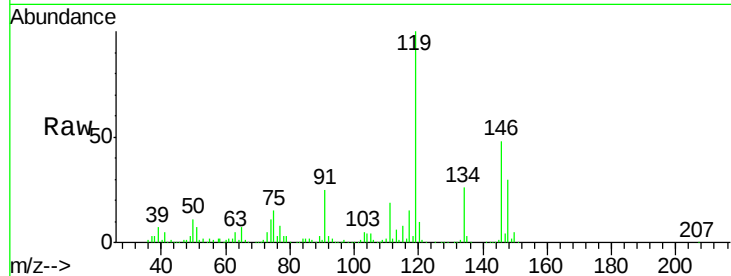
#87
 1,3-Dichlorobenzene
 Concen: 20.562 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	139830		
111	39.2	19.8	59.4	
148	64.1	32.1	96.5	

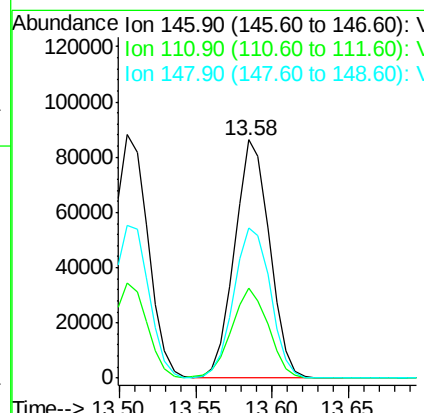
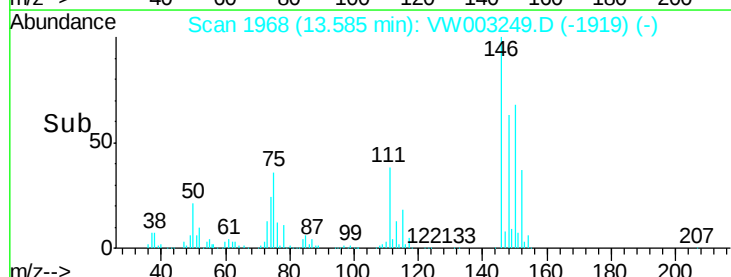
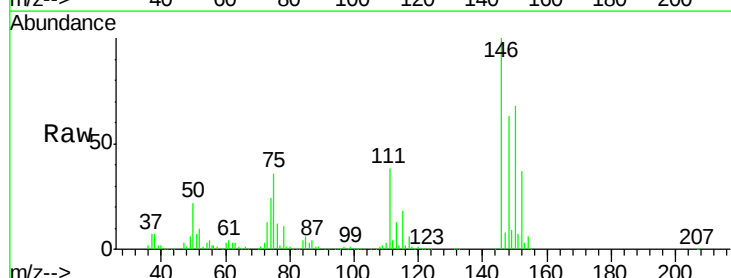
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#88
 1,4-Dichlorobenzene
 Concen: 20.144 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	136816		
111	39.9	19.2	57.6	
148	66.2	31.8	95.4	





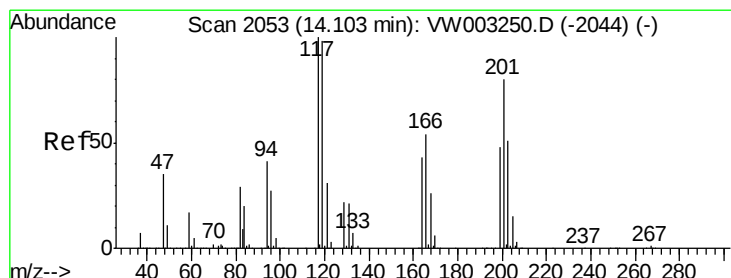
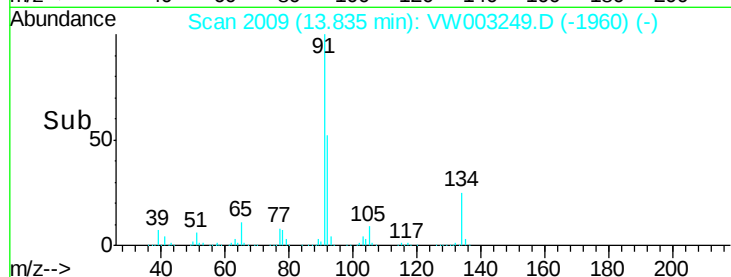
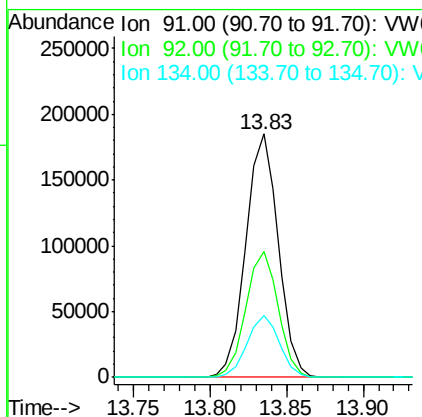
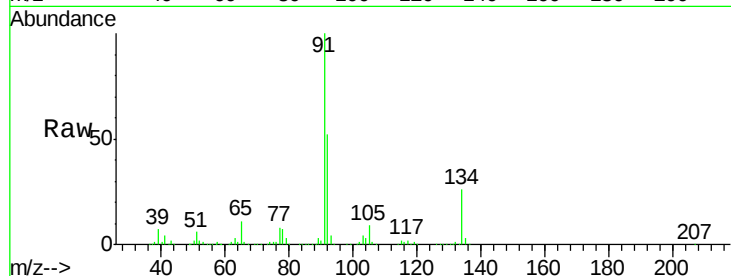
#89
n-Butylbenzene
Concen: 21.538 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	25.4	12.7	38.0

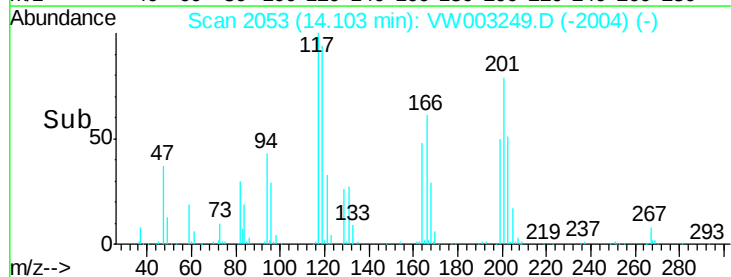
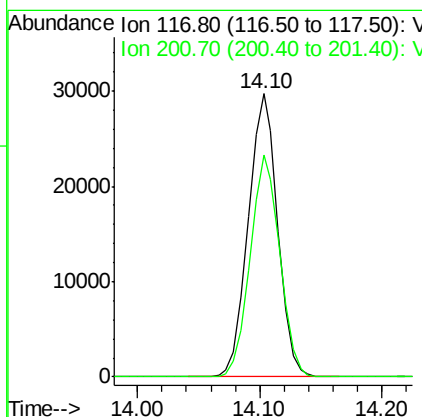
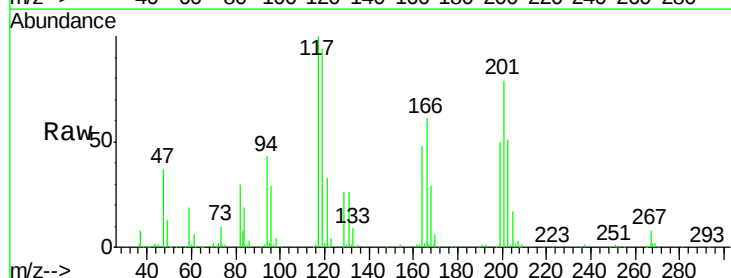
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#90
Hexachloroethane
Concen: 20.889 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW003249.D
Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	39.5	118.5





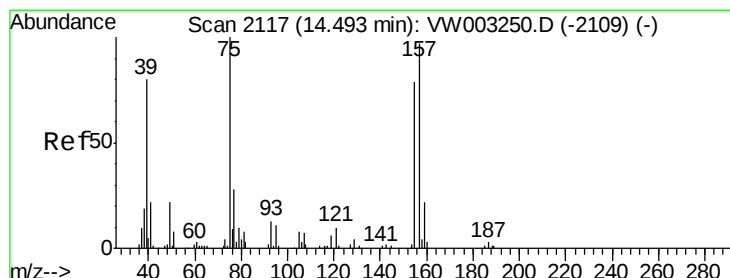
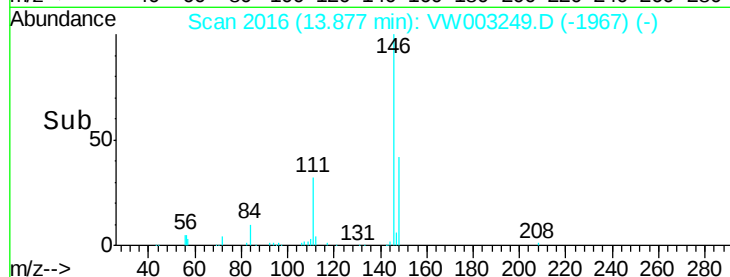
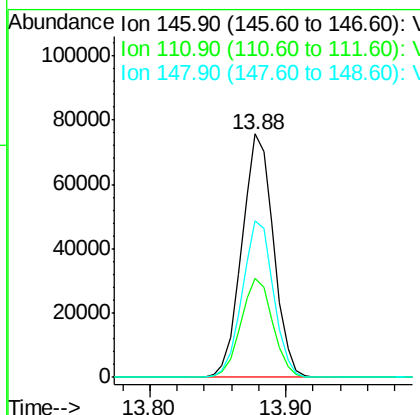
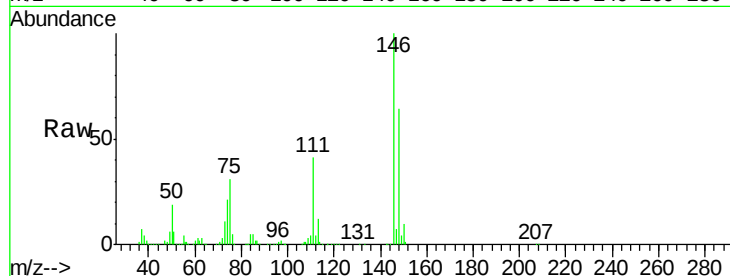
#91
 1,2-Dichlorobenzene
 Concen: 20.267 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122719		
111	41.0	20.3	61.0	
148	63.4	32.3	96.9	

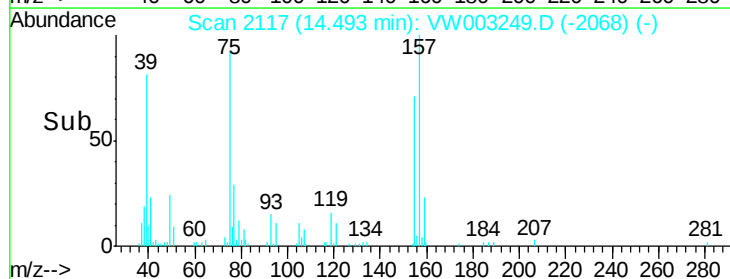
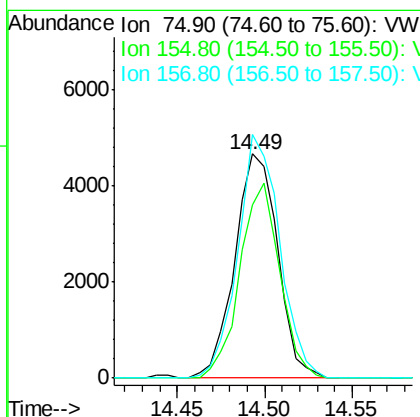
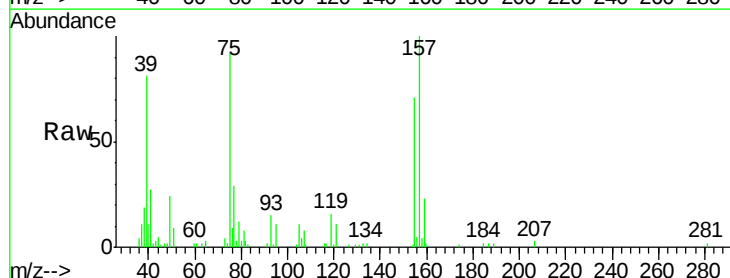
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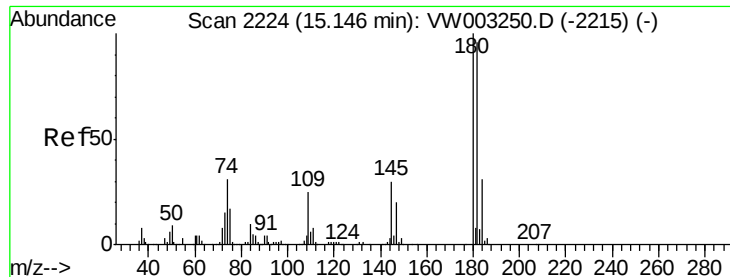
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.962 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7949		
155	80.9	39.4	118.2	
157	106.3	51.5	154.5	





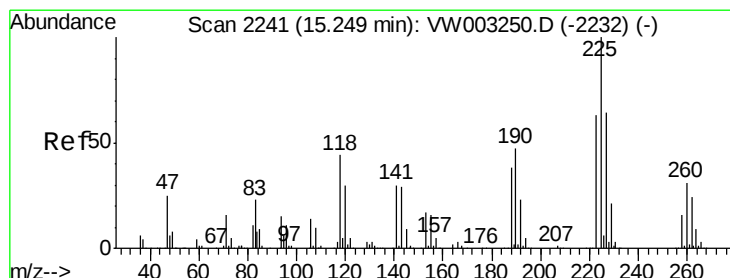
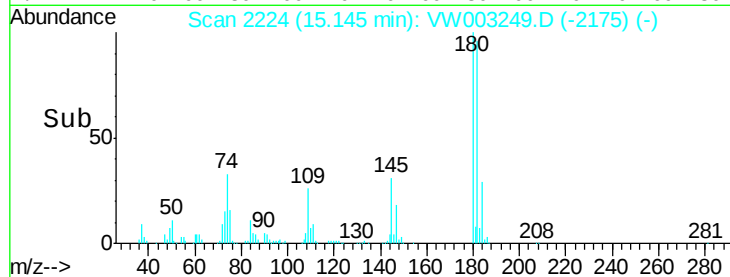
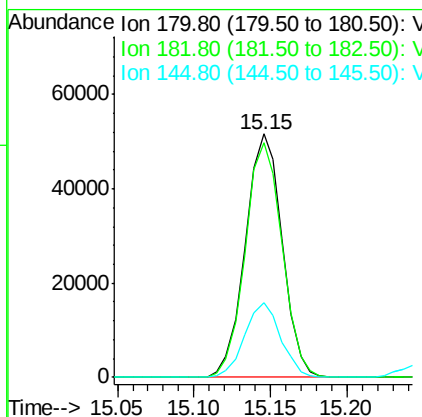
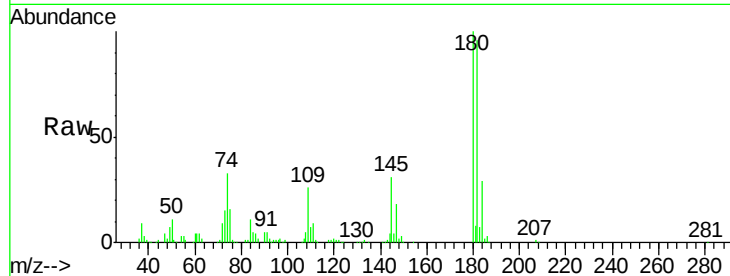
#93
 1,2,4-Trichlorobenzene
 Concen: 20.050 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	86436		
182	96.6	47.9	143.6	
145	30.1	15.2	45.5	

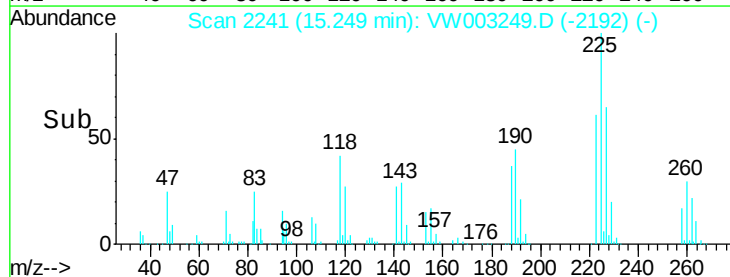
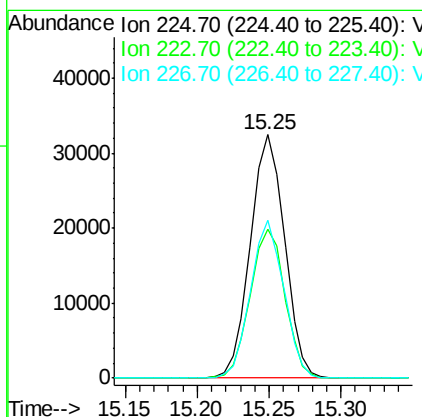
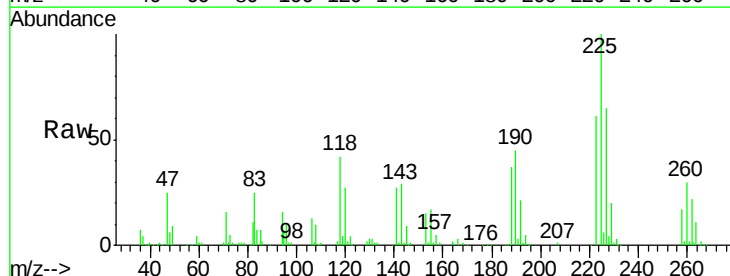
Manual Integrations
 APPROVED

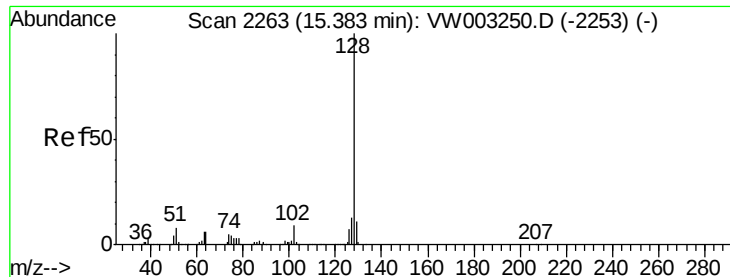
apatel
 6/14/2018 10:02:34 AM



#94
 Hexachlorobutadiene
 Concen: 21.105 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW003249.D
 Acq: 13 Jun 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53314		
223	62.0	30.6	92.0	
227	62.9	31.7	95.1	





#95

Naphthalene

Concen: 18.571 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Instrument :

MSVOA_W

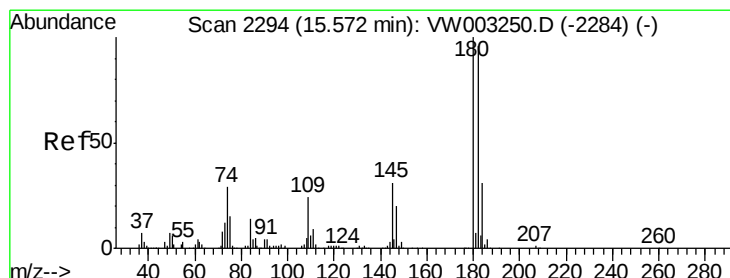
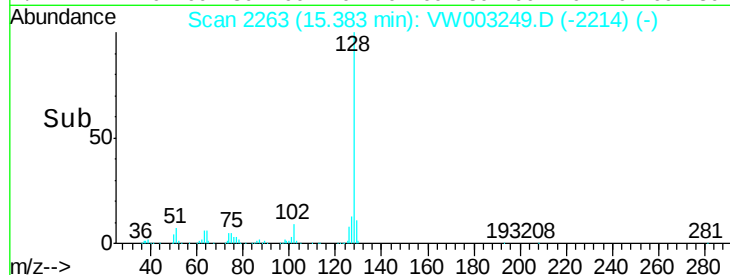
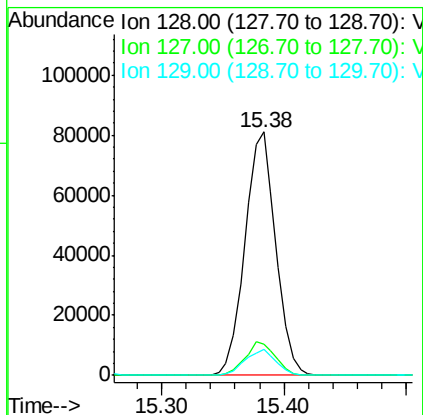
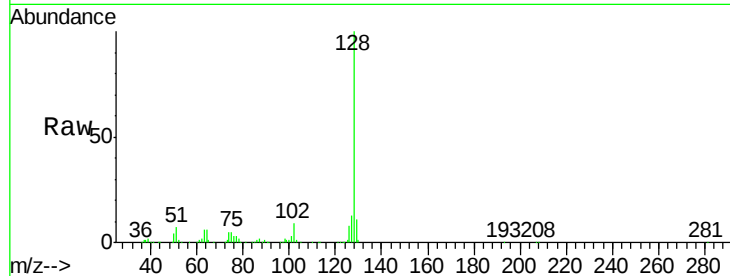
ClientSampleId :

VSTDIC020

Tgt Ion:	128	Resp:	141598
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.5	15.7
129	10.7	8.9	13.3

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:34 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.200 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW003249.D

Acq: 13 Jun 2018 16:58

Tgt Ion:	180	Resp:	76649
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.9	143.6
145	31.1	15.8	47.4

