

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003455.D
 Acq On : 23 Jun 2018 13:02
 Operator : SY/AP
 Sample : VW0623SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD01

Manual Integrations
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Quant Time: Jun 25 02:46:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	417140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	382871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	205106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	151259	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.88	113	136049	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.33	98	547100	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.63	95	194091	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	29661	36.36	ug/l	94
3) Chloromethane	2.21	50	45687	22.17	ug/l	93
4) Vinyl Chloride	2.36	62	63770	21.22	ug/l	96
5) Bromomethane	2.78	94	39684	19.87	ug/l	96
6) Chloroethane	2.92	64	42923	20.52	ug/l	97
7) Trichlorofluoromethane	3.25	101	45722	25.40	ug/l	95
8) Diethyl Ether	3.68	74	27151	20.53	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54607	21.85	ug/l	99
10) Methyl Iodide	4.26	142	80480	21.29	ug/l	99
11) Tert butyl alcohol	5.25	59	13596m	86.74	ug/l	
12) 1,1-Dichloroethene	4.03	96	52803	21.62	ug/l	98
13) Acrolein	3.90	56	16697	74.51	ug/l	94
14) Allyl chloride	4.66	41	89193	21.08	ug/l	100
15) Acrylonitrile	5.38	53	53995	99.25	ug/l	99
16) Acetone	4.15	43	61309	100.02	ug/l	94
17) Carbon Disulfide	4.37	76	156100	21.62	ug/l	97
18) Methyl Acetate	4.68	43	26877	18.48	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	93114	20.35	ug/l	100
20) Methylene Chloride	4.91	84	59773	20.81	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	57873	21.77	ug/l	98
22) Diisopropyl ether	6.32	45	180475	21.19	ug/l	98
23) Vinyl Acetate	6.26	43	499933	101.88	ug/l	100
24) 1,1-Dichloroethane	6.21	63	110352	21.83	ug/l	97
25) 2-Butanone	7.19	43	74965	98.36	ug/l	96
26) 2,2-Dichloropropane	7.17	77	74290	22.02	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	62401	21.37	ug/l	99
28) Bromochloromethane	7.51	49	39802	18.92	ug/l	98
29) Tetrahydrofuran	7.54	42	43594	93.59	ug/l	98
30) Chloroform	7.68	83	110783	21.51	ug/l	99
31) Cyclohexane	7.96	56	100271	21.23	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	92770	21.82	ug/l	100
36) 1,1-Dichloropropene	8.09	75	88190	21.89	ug/l	99
37) Ethyl Acetate	7.27	43	33362	19.99	ug/l	98
38) Carbon Tetrachloride	8.07	117	87080	22.04	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99337	21.31	ug/l	97
40) Benzene	8.33	78	242526	21.84	ug/l	98
41) Methacrylonitrile	7.49	41	18739	18.30	ug/l	93
42) 1,2-Dichloroethane	8.40	62	73942	21.25	ug/l	99
43) Isopropyl Acetate	8.43	43	64085	19.34	ug/l	99
44) Trichloroethene	9.10	130	63086	21.44	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61142	21.63	ug/l	96
46) Dibromomethane	9.46	93	30367	20.98	ug/l	98
47) Bromodichloromethane	9.65	83	78582	21.18	ug/l	99
48) Methyl methacrylate	9.44	41	30023	19.28	ug/l	100
49) 1,4-Dioxane	9.50	88	7830	358.26	ug/l	78
51) 4-Methyl-2-Pentanone	10.22	43	160546	95.08	ug/l	99
52) Toluene	10.39	92	157490	22.12	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	79646	21.01	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	91408	21.19	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42465	20.82	ug/l	94
56) Ethyl methacrylate	10.65	69	47539	19.19	ug/l	99
57) 1,3-Dichloropropane	10.94	76	73770	20.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	109798	98.89	ug/l	98
59) 2-Hexanone	10.98	43	116318	98.61	ug/l	98
60) Dibromochloromethane	11.13	129	49556	20.43	ug/l	100
61) 1,2-Dibromoethane	11.24	107	40168	20.82	ug/l	96
64) Tetrachloroethene	10.87	164	54565	21.31	ug/l	99
65) Chlorobenzene	11.66	112	170469	21.38	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	58701	20.95	ug/l	99
67) Ethyl Benzene	11.74	91	303371	21.47	ug/l	100
68) m/p-Xylenes	11.85	106	235578	43.85	ug/l	99
69) o-Xylene	12.18	106	107248	21.54	ug/l	99
70) Styrene	12.19	104	178128	21.49	ug/l	99
71) Bromoform	12.35	173	29037	20.00	ug/l #	99
73) Isopropylbenzene	12.48	105	301400	21.13	ug/l	100
74) N-amyl acetate	12.28	43	59912	18.45	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	48667	20.16	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34437m	19.64	ug/l	
77) Bromobenzene	12.76	156	70976	21.36	ug/l	99
78) n-propylbenzene	12.81	91	378244	21.65	ug/l	100
79) 2-Chlorotoluene	12.90	91	209854	21.26	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	261972	21.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14128	18.54	ug/l	96
82) 4-Chlorotoluene	13.00	91	224894	21.48	ug/l	100
83) tert-Butylbenzene	13.22	119	223937	21.94	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	267378	21.71	ug/l	99
85) sec-Butylbenzene	13.40	105	327662	21.60	ug/l	100
86) p-Isopropyltoluene	13.51	119	287611	21.50	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	146273	21.43	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	144295	21.27	ug/l	99
89) n-Butylbenzene	13.83	91	283281	21.72	ug/l	99
90) Hexachloroethane	14.10	117	53098	21.94	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	128583	21.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7788	19.17	ug/l	98

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Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

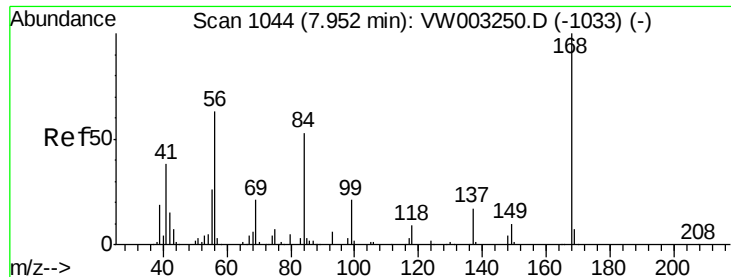
Manual Integrations
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Quant Time: Jun 25 02:46:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86349	20.57	ug/l	99
94) Hexachlorobutadiene	15.25	225	53831	21.32	ug/l	100
95) Naphthalene	15.38	128	133233	18.71	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74136	20.07	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

Tot Ion:168 Resp: 269819

Ion Ratio Lower Upper

168 100

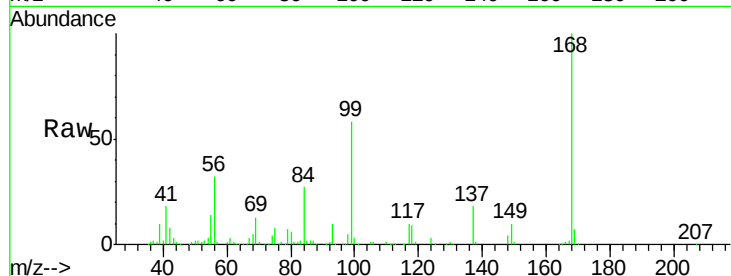
99 57.8 45.5 68.3

Manual Integrations

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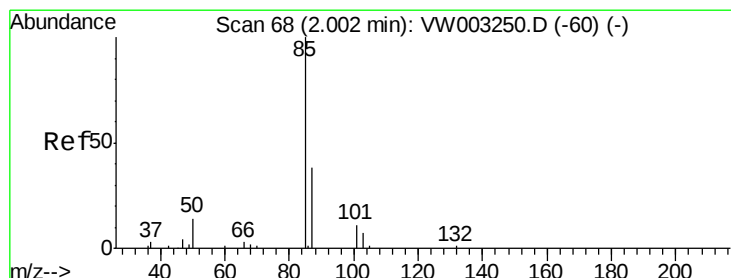
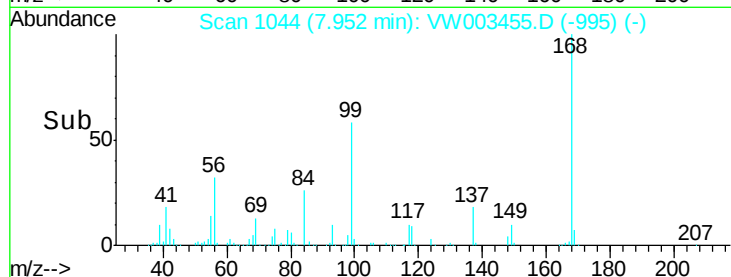
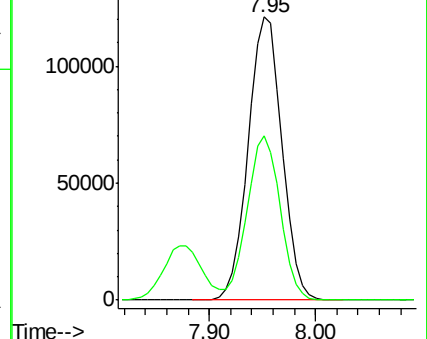
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 36.36 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003455.D

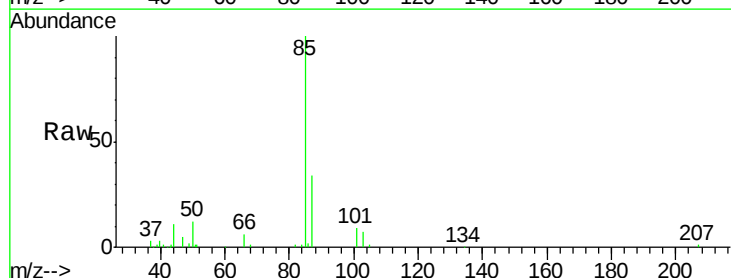
Acq: 23 Jun 2018 13:02

Tgt Ion: 85 Resp: 29661

Ion Ratio Lower Upper

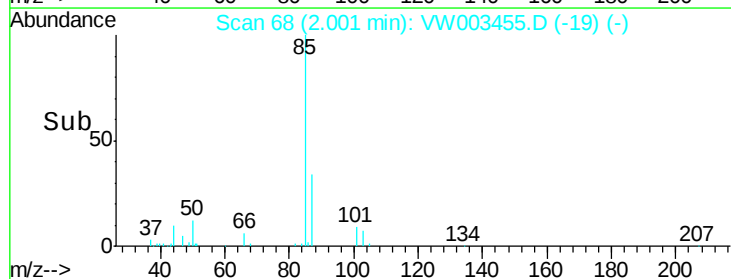
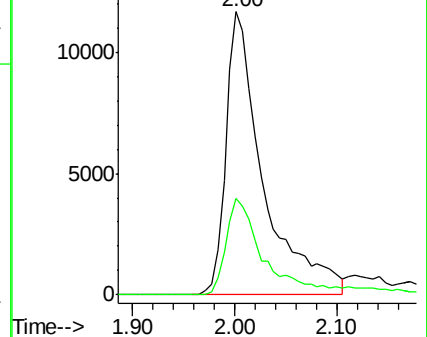
85 100

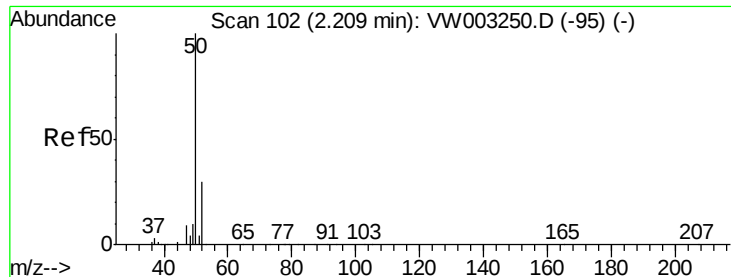
87 33.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.17 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 50 Resp: 45687

Ion Ratio Lower Upper

50 100

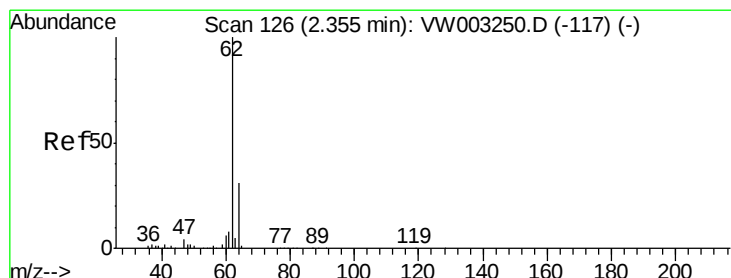
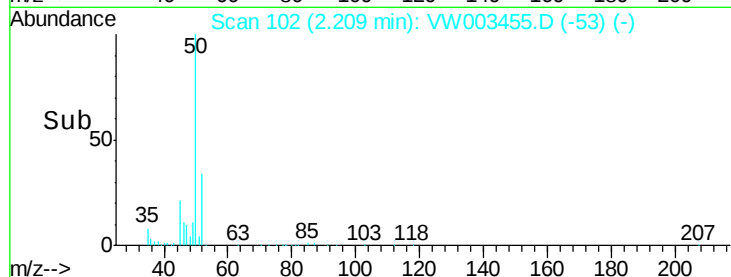
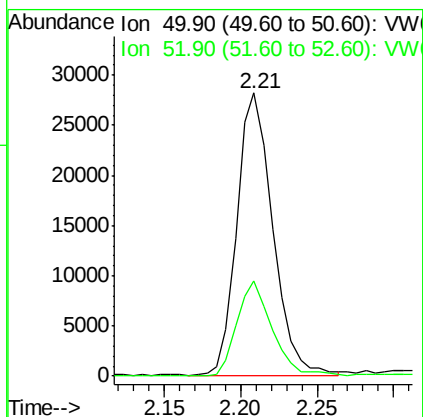
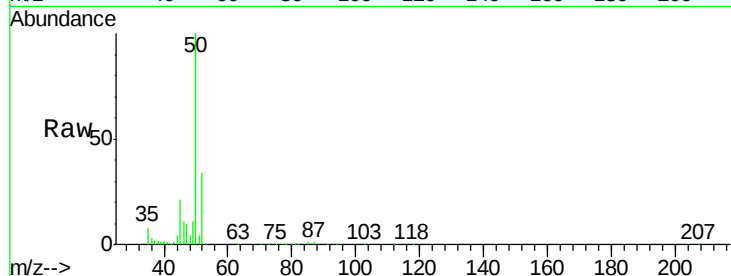
52 33.9 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.22 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003455.D

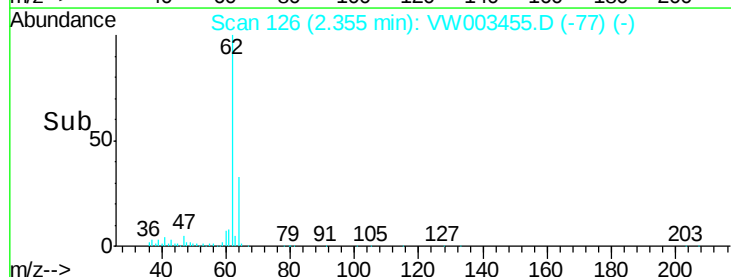
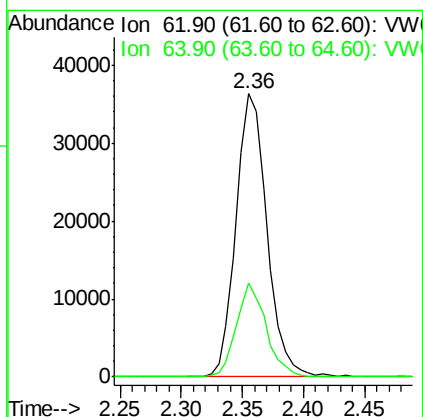
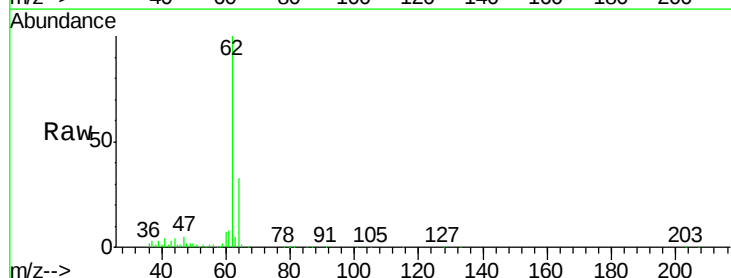
Acq: 23 Jun 2018 13:02

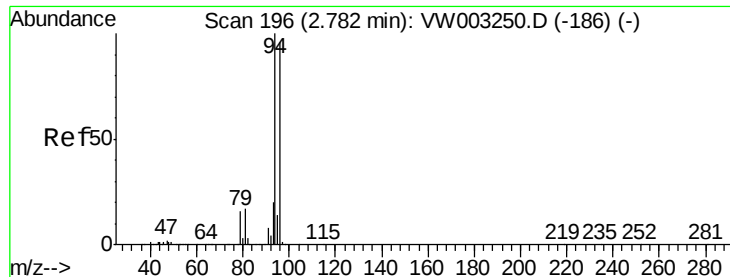
Tgt Ion: 62 Resp: 63770

Ion Ratio Lower Upper

62 100

64 33.4 24.9 37.3





#5

Bromomethane

Concen: 19.87 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

Tot Ion: 94 Resp: 39684

Ion Ratio Lower Upper

94 100

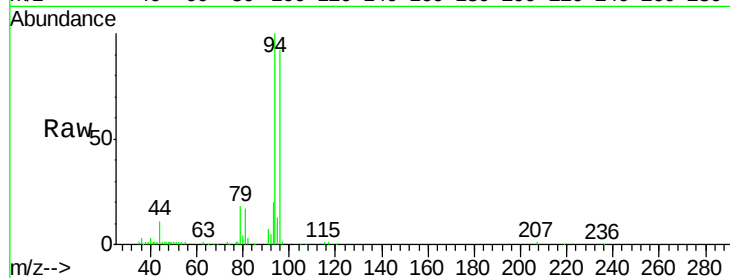
96 91.6 76.5 114.7

Manual Integrations

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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

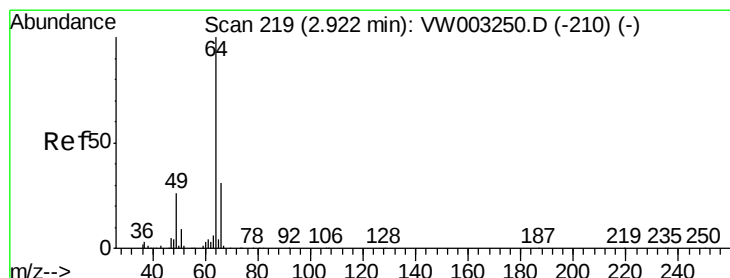
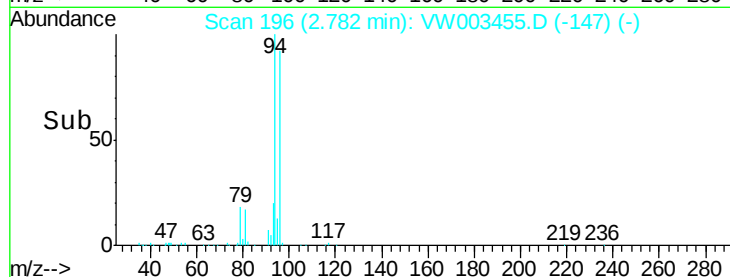
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.52 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW003455.D

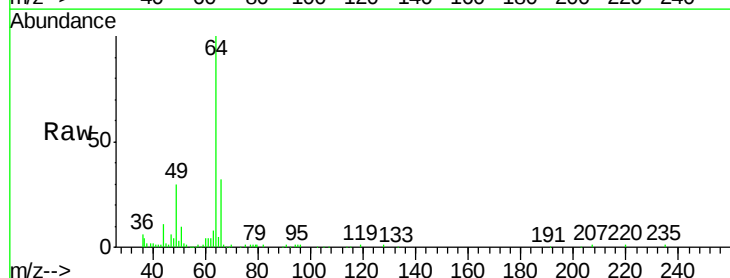
Acq: 23 Jun 2018 13:02

Tgt Ion: 64 Resp: 42923

Ion Ratio Lower Upper

64 100

66 31.9 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

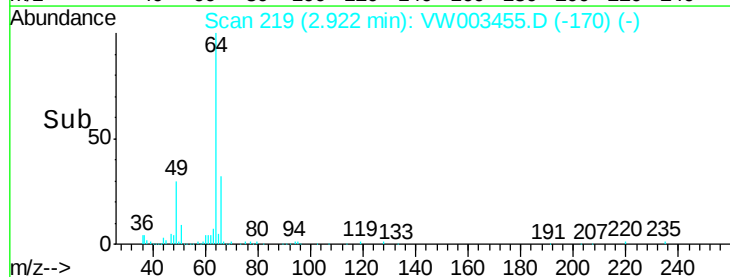
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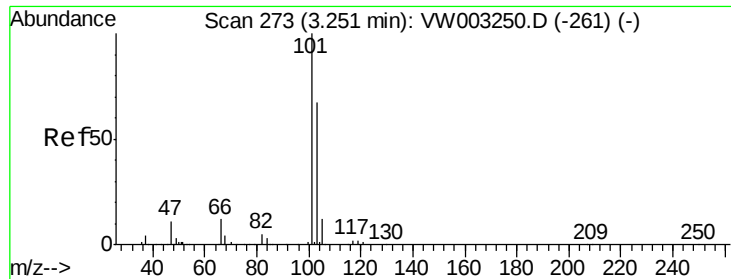
10000

5000

0

Time-->





#7

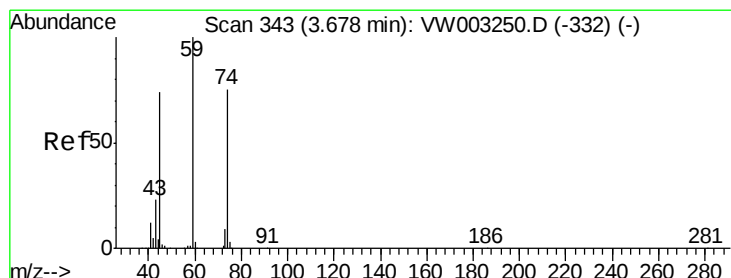
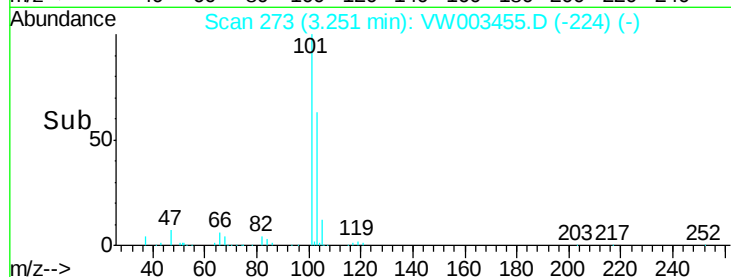
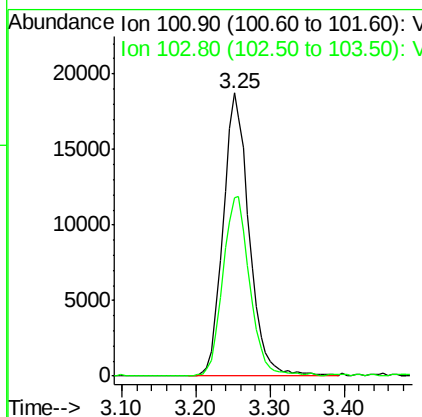
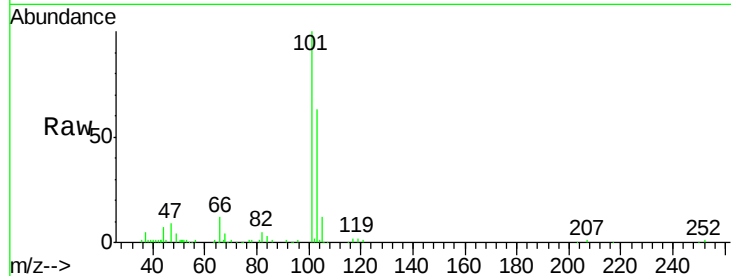
Trichlorofluoromethane
Concen: 25.40 ug/l
RT: 3.25 min Scan# 273
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	53.4	80.0

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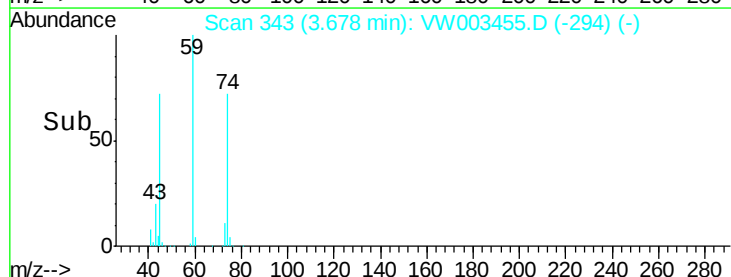
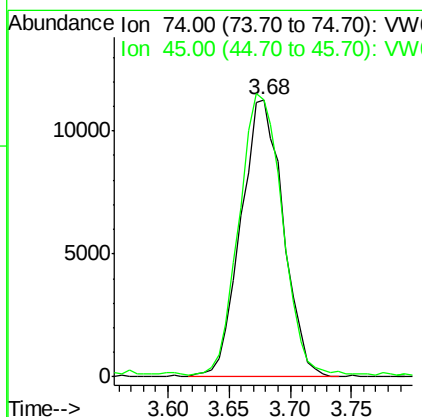
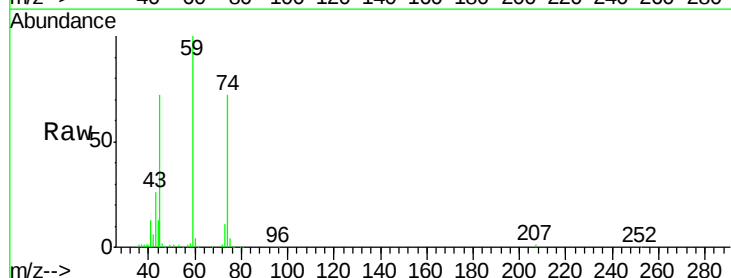
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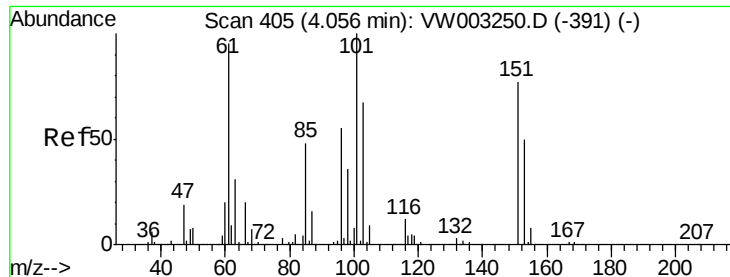


#8

Diethyl Ether
Concen: 20.53 ug/l
RT: 3.68 min Scan# 343
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.85 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

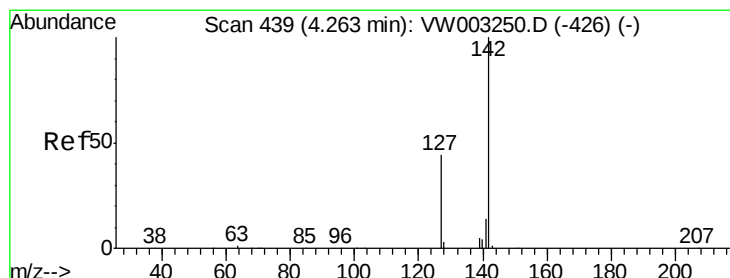
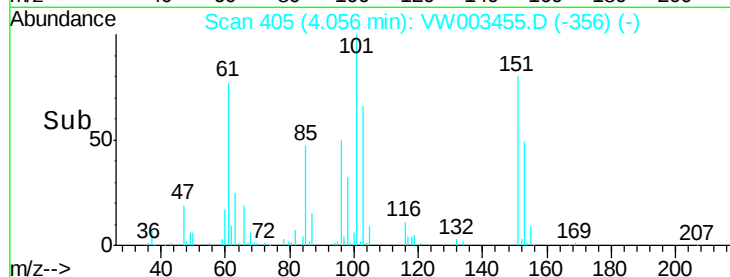
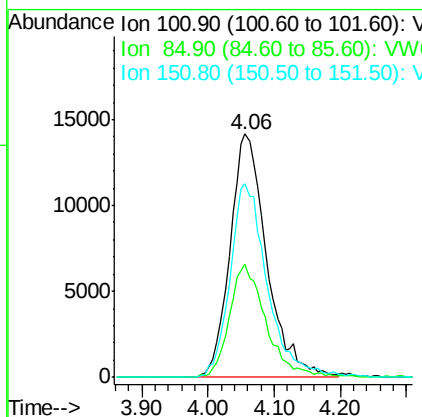
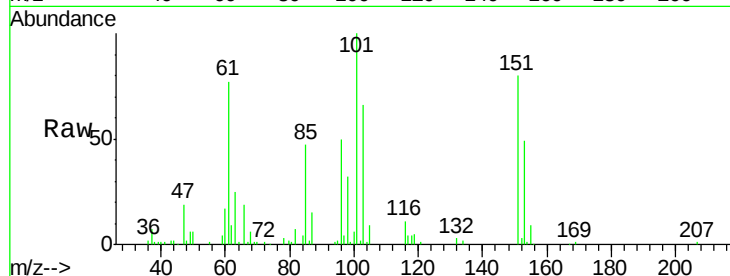
ClientSampleId :

VW0623SBS01

Tot Ion:	101	Resp:	54607
Ion Ratio	Lower	Upper	
101	100		
85	46.1	37.0	55.6
151	80.5	63.3	94.9

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#10

Methyl Iodide

Concen: 21.29 ug/l

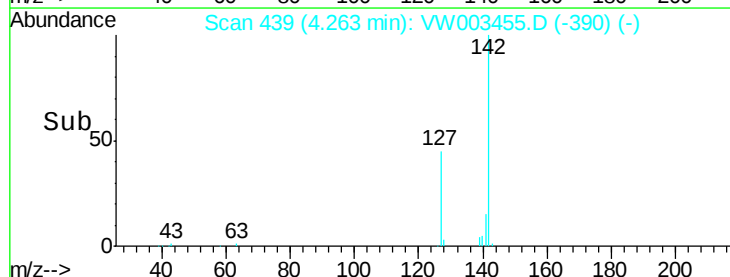
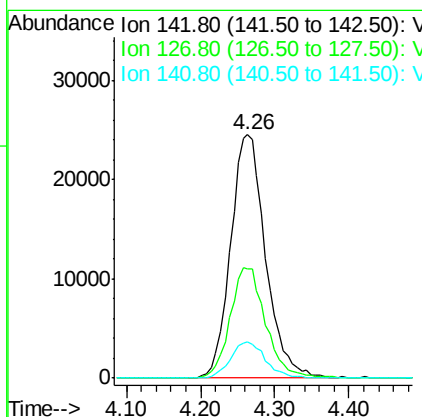
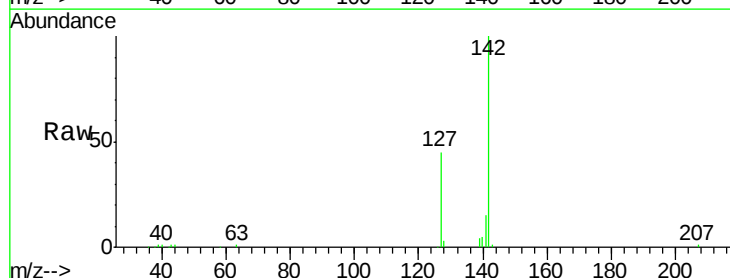
RT: 4.26 min Scan# 439

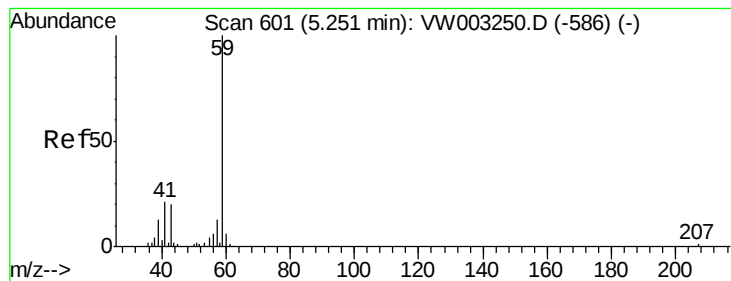
Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Tgt Ion:	142	Resp:	80480
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.5	54.7
141	14.8	12.1	18.1





#11

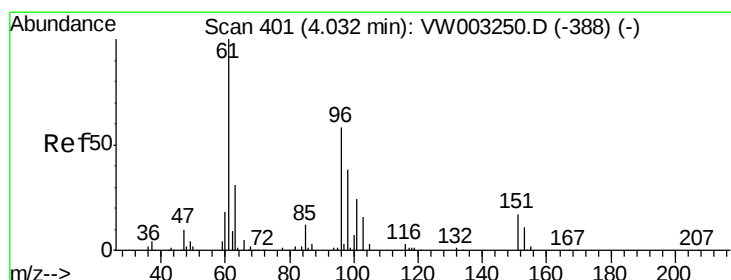
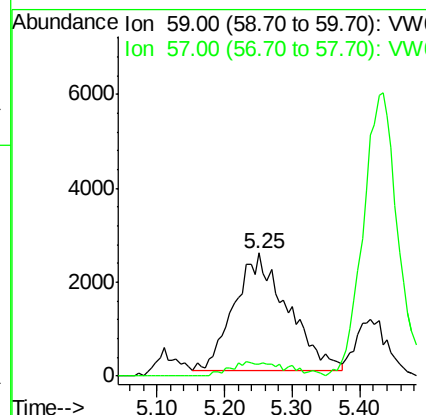
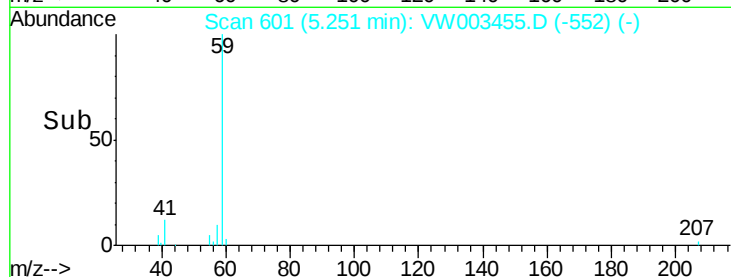
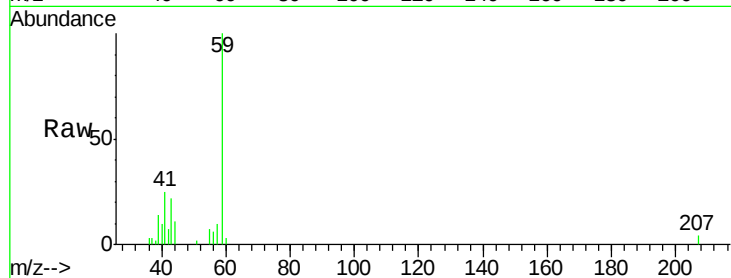
Tert butyl alcohol
Concen: 86.74 ug/l m
RT: 5.25 min Scan# 601
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tot Ion	59	57	Ratio	100	5.6	Resp	13596	Lower	4.2	Upper	6.2
Ion											

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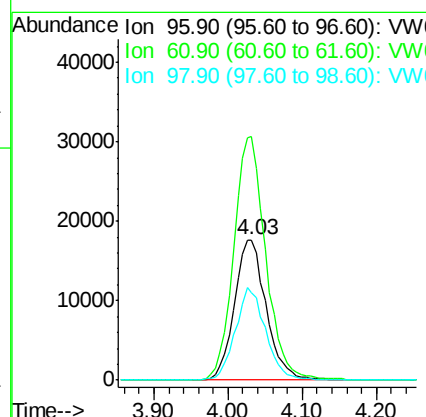
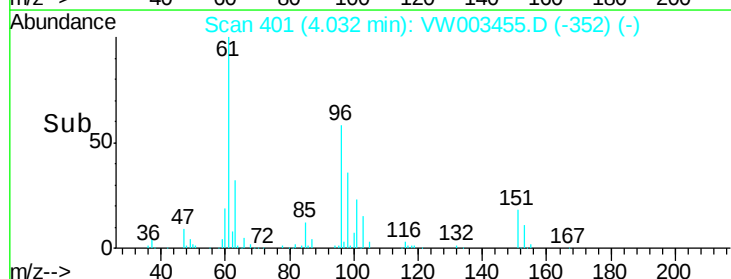
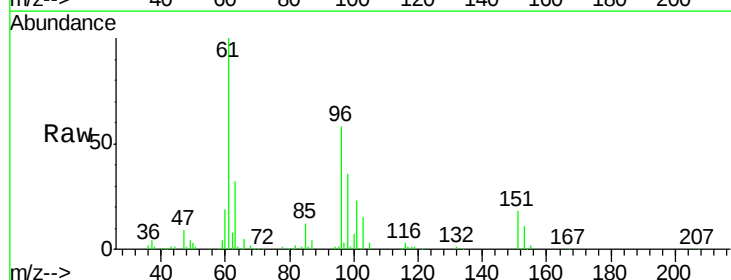
apatel
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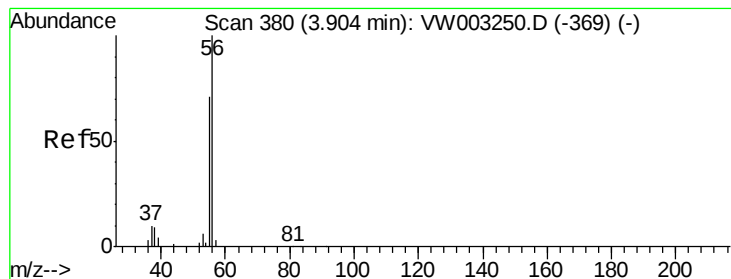


#12

1,1-Dichloroethene
Concen: 21.62 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	96	61	98	Ratio	100	173.2	62.7	Resp	52803	Lower	139.0	53.3	Upper	208.4	79.9
Ion															





#13

Acrolein

Concen: 74.51 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

Tot Ion: 56 Resp: 16697

Ion Ratio Lower Upper

56 100

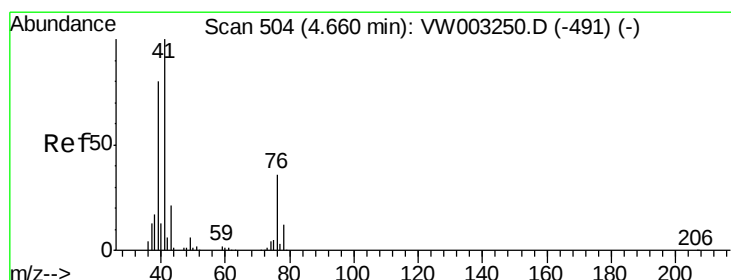
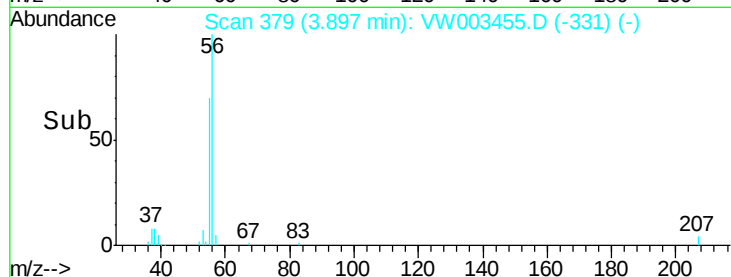
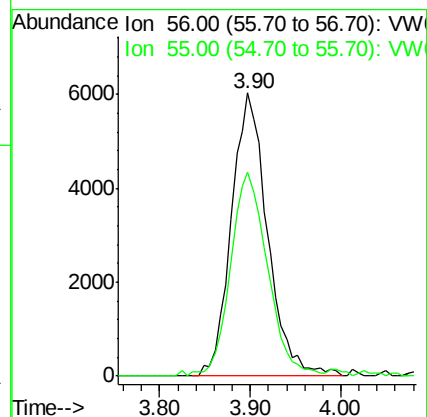
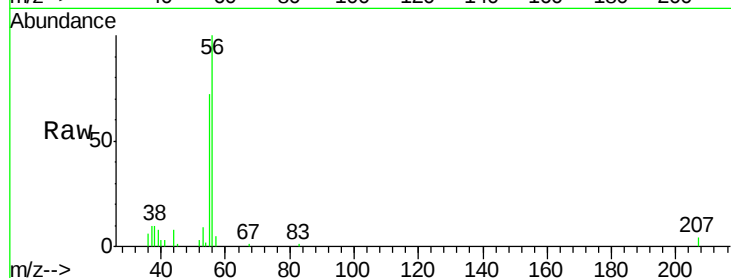
55 73.9 55.4 83.2

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#14

Allyl chloride

Concen: 21.08 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

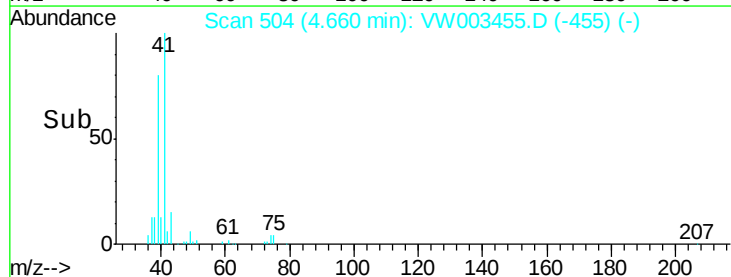
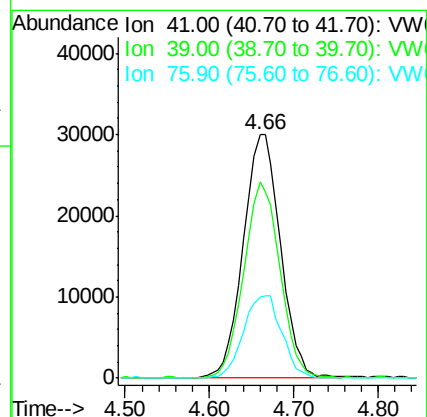
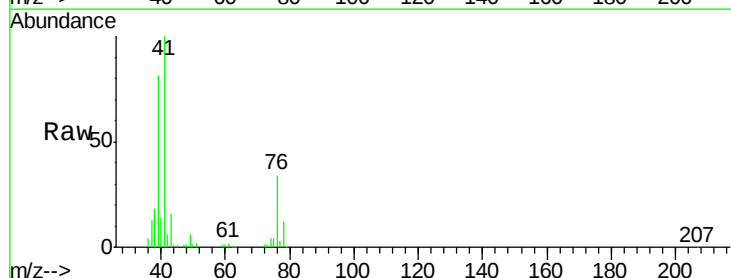
Tgt Ion: 41 Resp: 89193

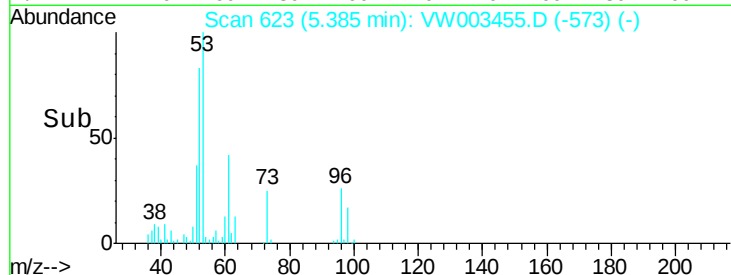
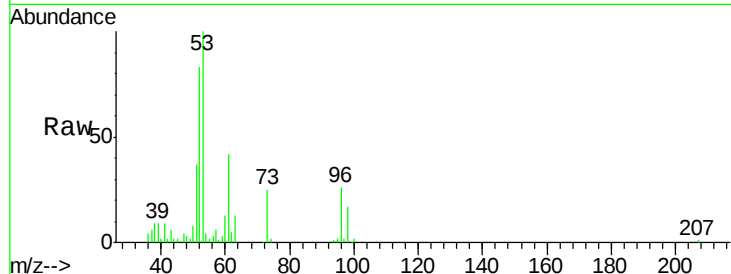
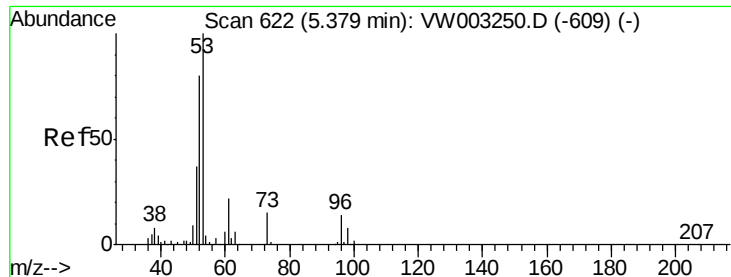
Ion Ratio Lower Upper

41 100

39 78.9 63.2 94.8

76 35.1 28.0 42.0





#15

Acrylonitrile

Concen: 99.25 ug/l

RT: 5.38 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Tot Ion:	53	Resp:	53995
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.6	100.0
51	38.1	30.6	46.0

Instrument :

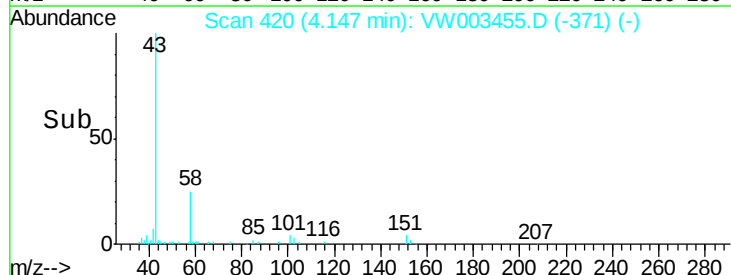
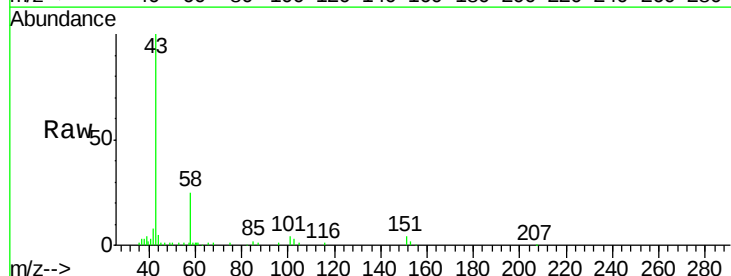
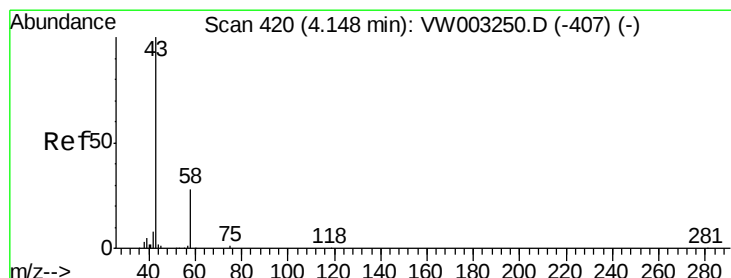
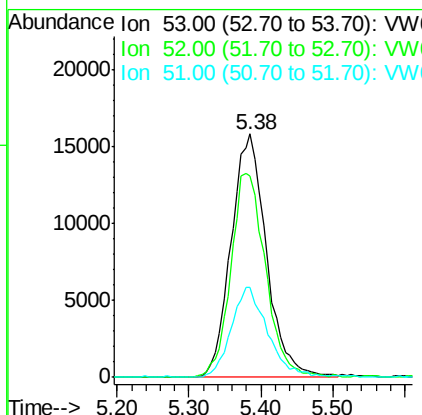
MSVOA_W

ClientSampleId :

VW0623SBS01

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#16

Acetone

Concen: 100.02 ug/l

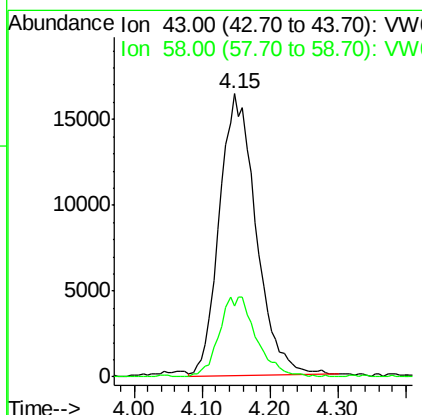
RT: 4.15 min Scan# 420

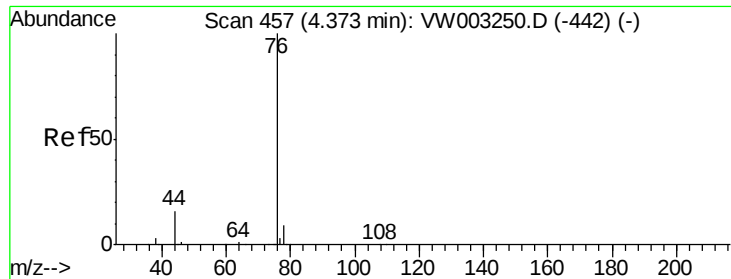
Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Tgt Ion:	43	Resp:	61309
Ion Ratio	Lower	Upper	
43	100		
58	25.2	22.6	34.0





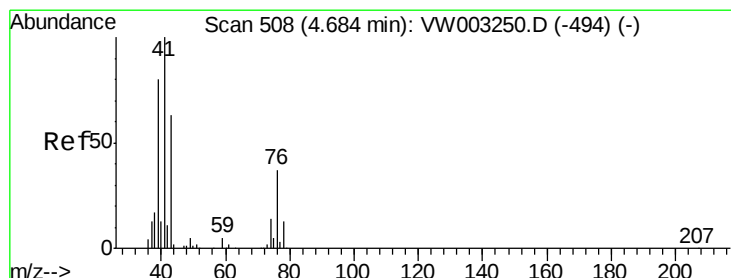
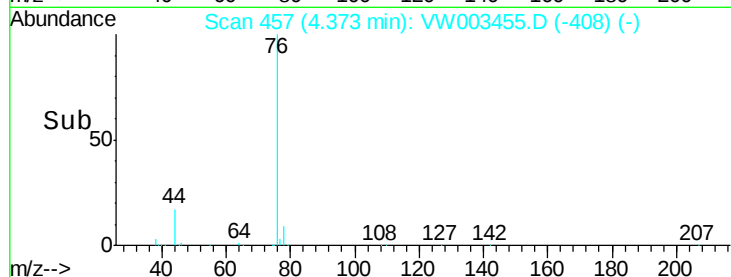
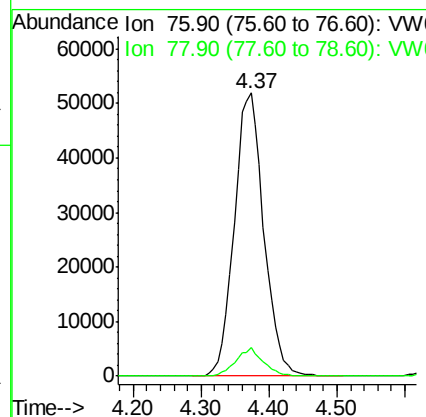
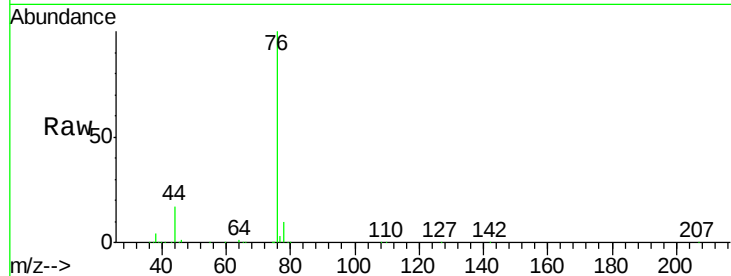
#17
Carbon Disulfide
Concen: 21.62 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.1	10.7

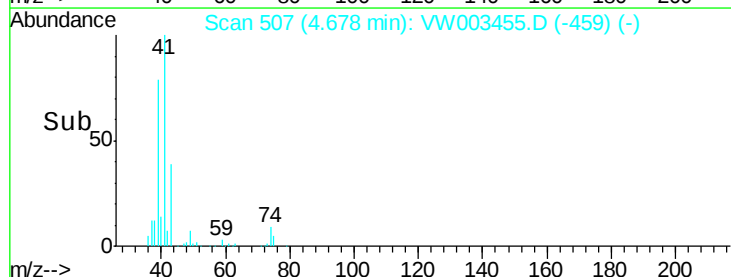
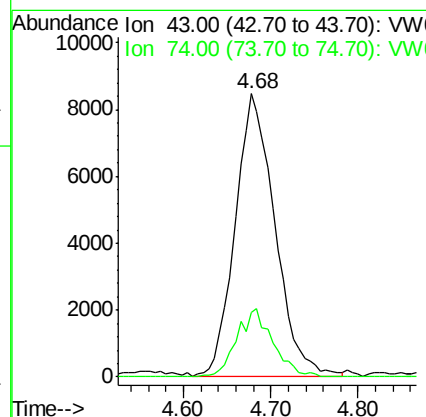
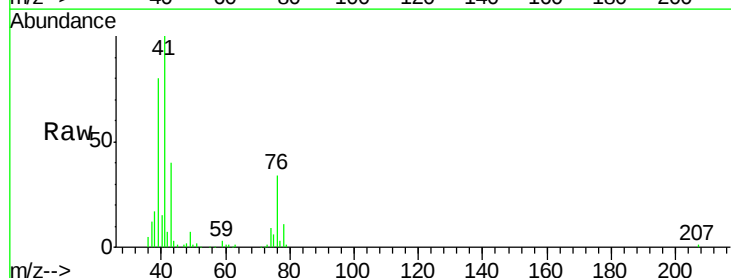
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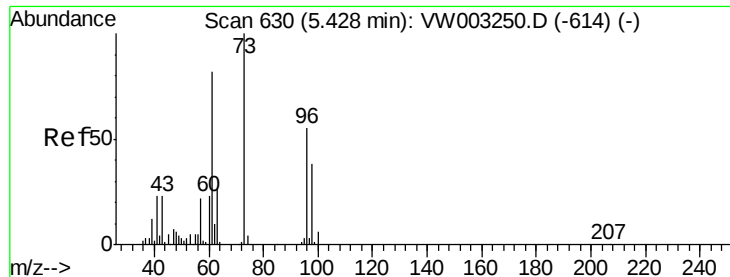
apatel
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#18
Methyl Acetate
Concen: 18.48 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	18.7	28.1





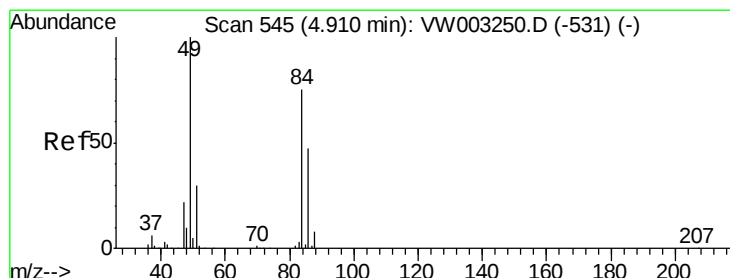
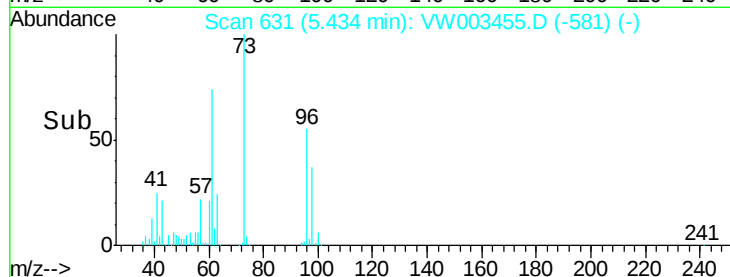
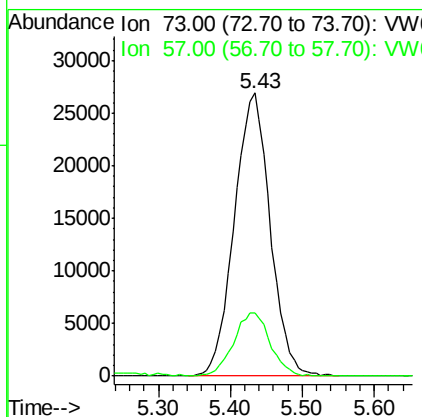
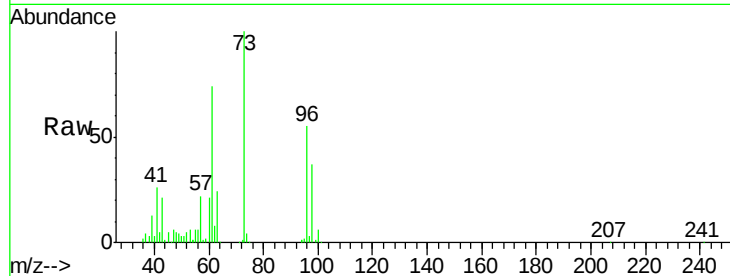
#19
Methvl tert-butvl Ether
Concen: 20.35 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.0	27.0

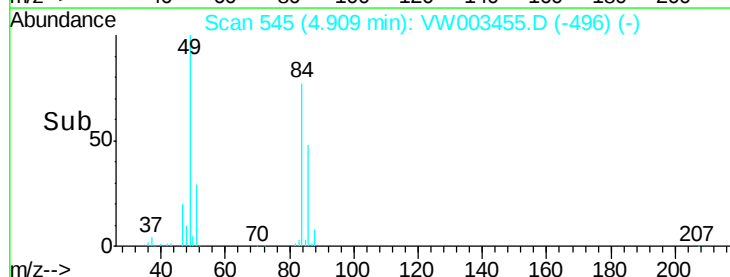
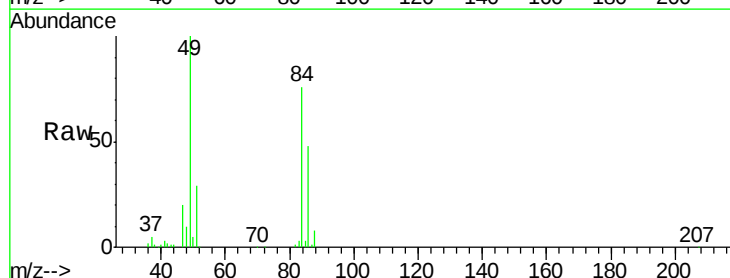
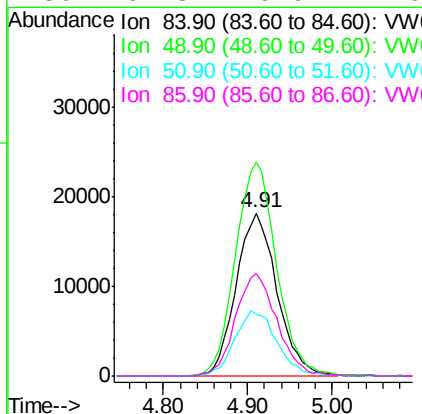
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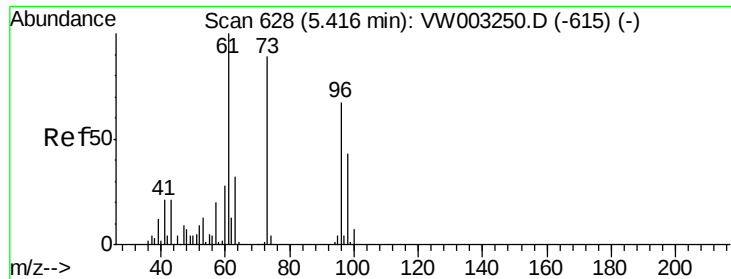
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#20
Methylene Chloride
Concen: 20.81 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.2	106.3	159.5
51	37.8	32.0	48.0
86	62.8	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 21.77 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

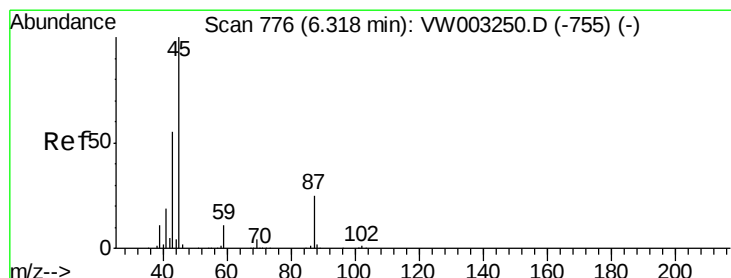
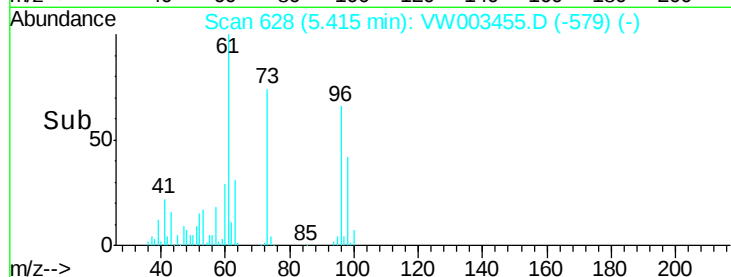
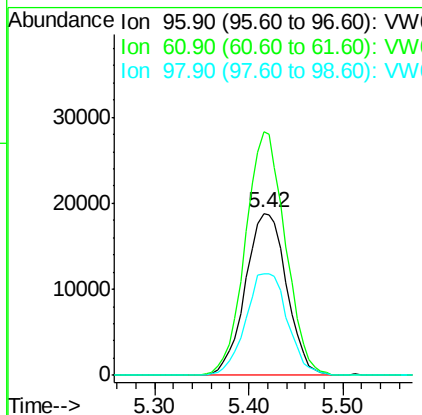
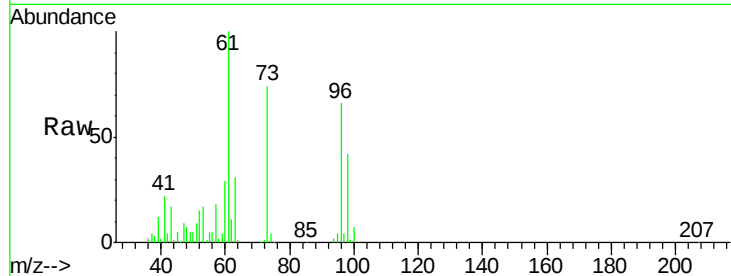
ClientSampleId :

VW0623SBSD01

Tot Ion:	96	Resp:	57873
Ion	Ratio	Lower	Upper
96	100		
61	150.6	118.7	178.1
98	62.8	51.0	76.6

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#22

Diisopropyl ether

Concen: 21.19 ug/l

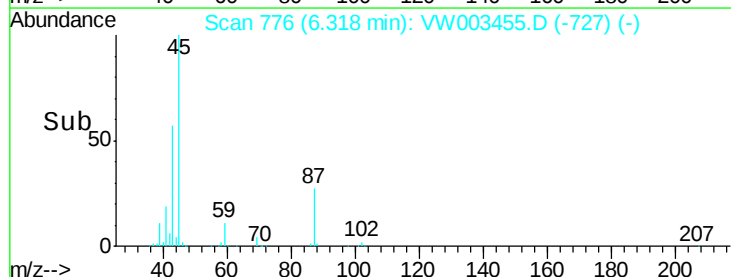
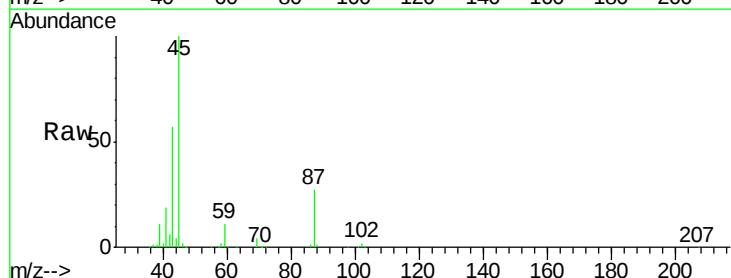
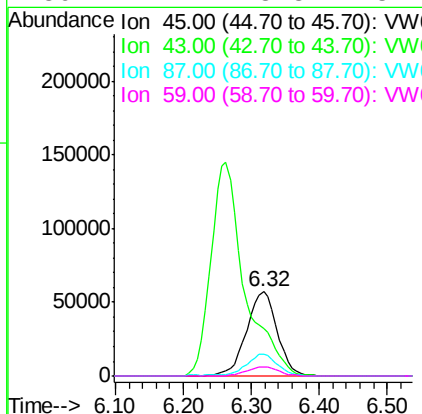
RT: 6.32 min Scan# 776

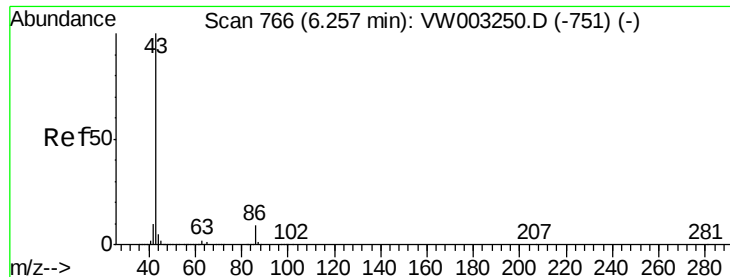
Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Tgt Ion:	45	Resp:	180475
Ion	Ratio	Lower	Upper
45	100		
43	56.5	44.0	66.0
87	26.4	20.6	31.0
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 101.88 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Tot Ion: 43 Resp: 499933

Ion Ratio Lower Upper

43 100

86 9.3 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

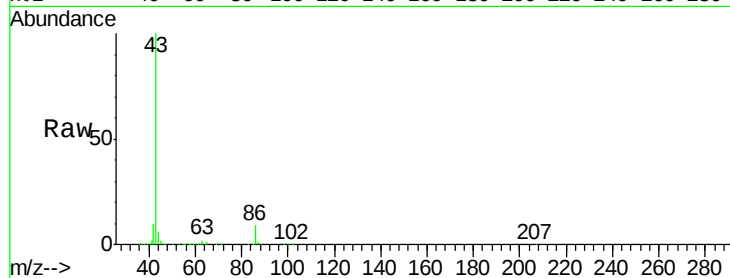
VW0623SBS01

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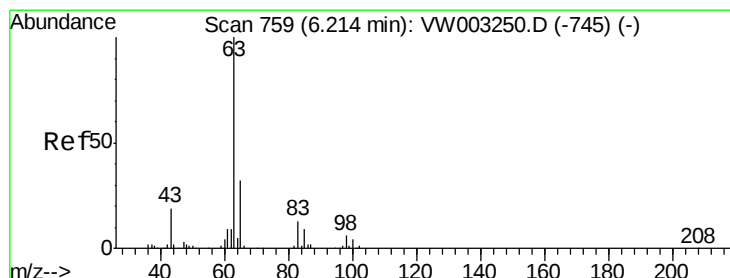
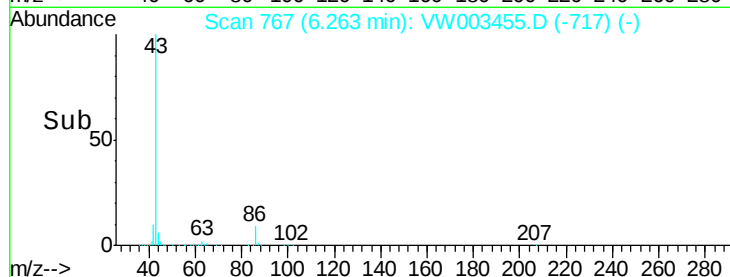
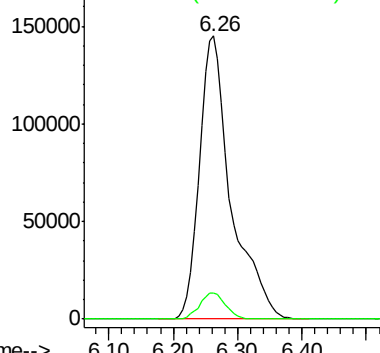
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.83 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

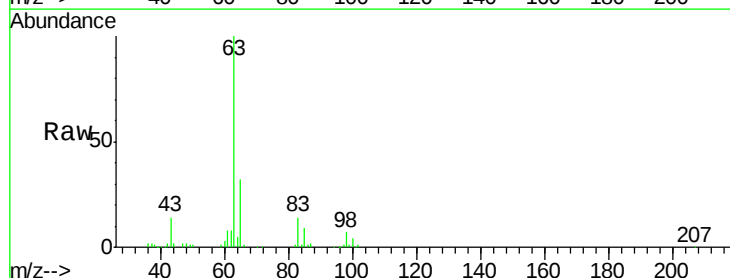
Tgt Ion: 63 Resp: 110352

Ion Ratio Lower Upper

63 100

98 6.7 2.8 8.3

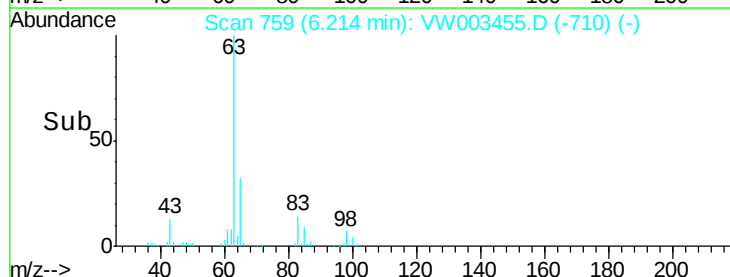
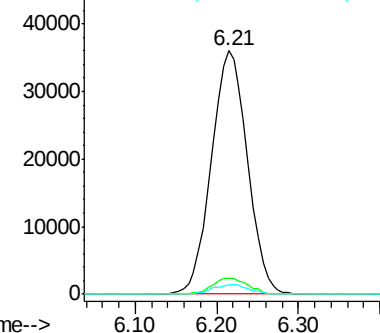
100 3.9 2.1 6.5

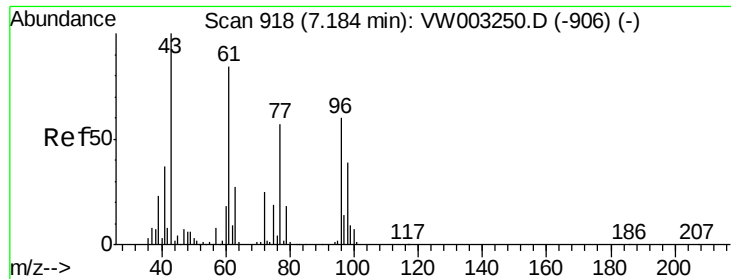


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 98.36 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

Tot Ion: 43 Resp: 74965

Ion Ratio Lower Upper

43 100

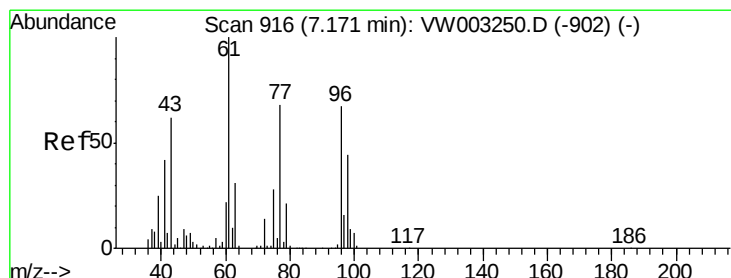
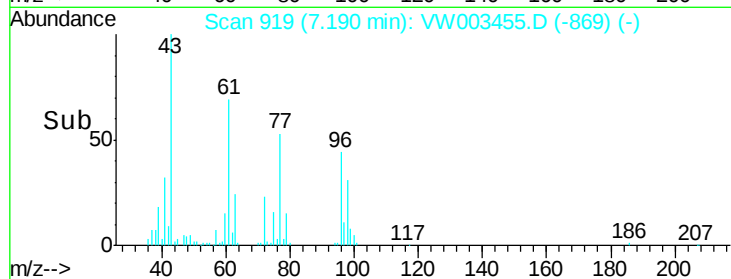
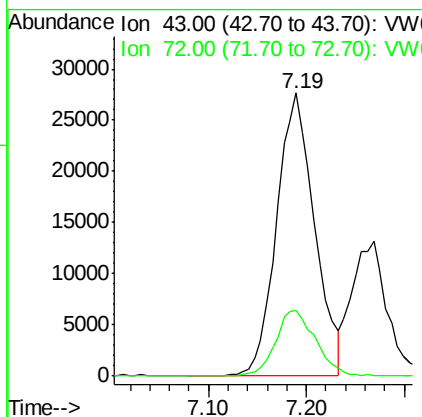
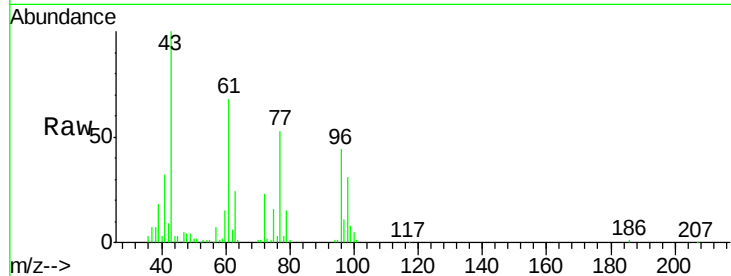
72 23.2 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 22.02 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW003455.D

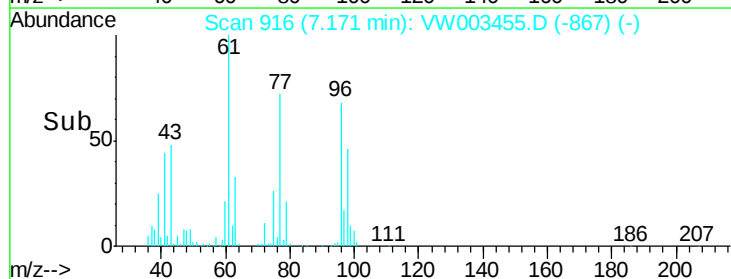
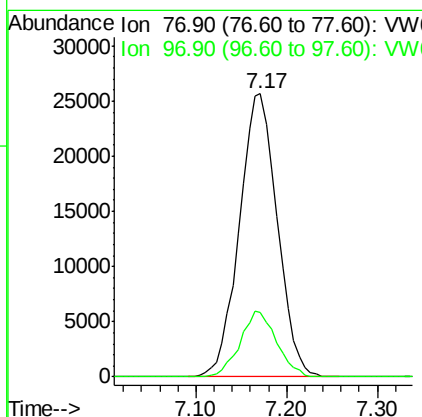
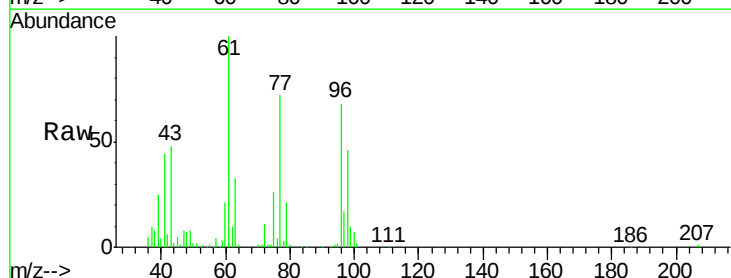
Acq: 23 Jun 2018 13:02

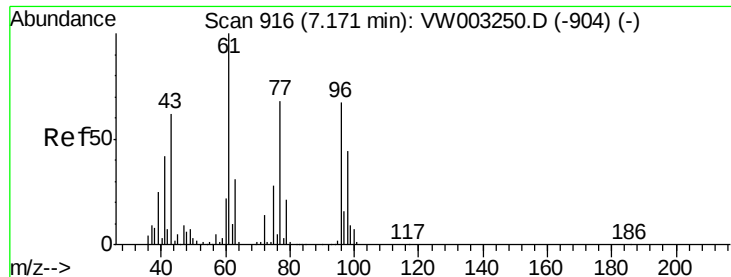
Tgt Ion: 77 Resp: 74290

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.9





#27

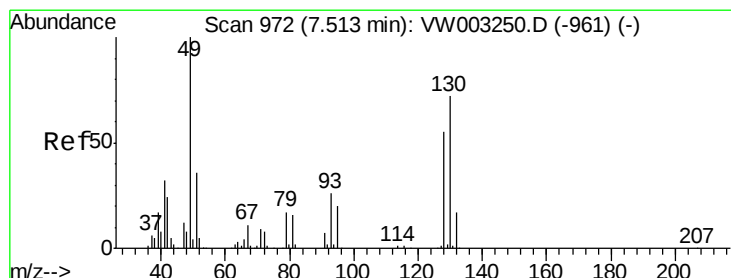
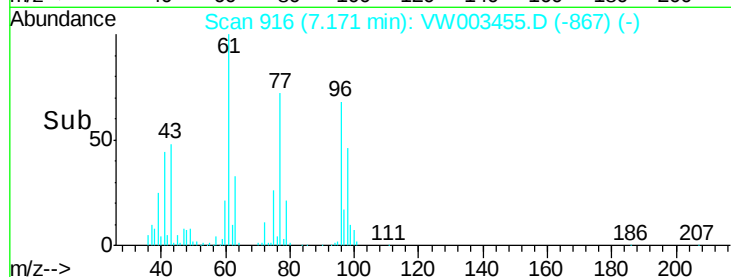
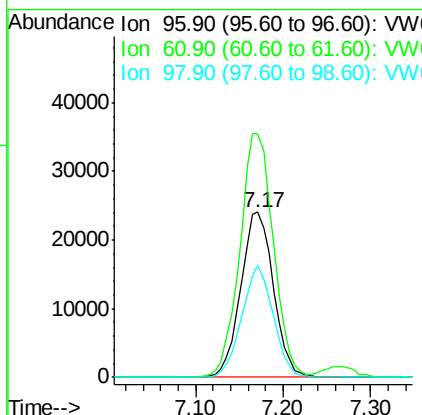
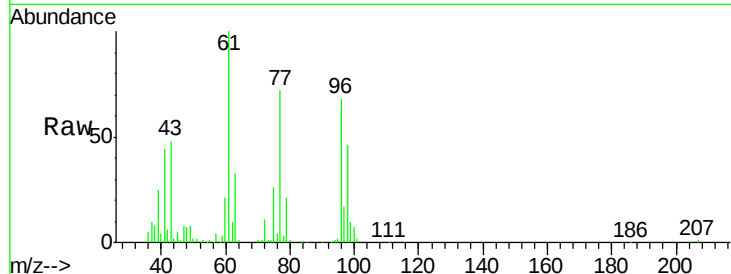
cis-1,2-Dichloroethene
Concen: 21.37 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.8	0.0	298.8
98	65.0	0.0	130.4

Manual Integrations
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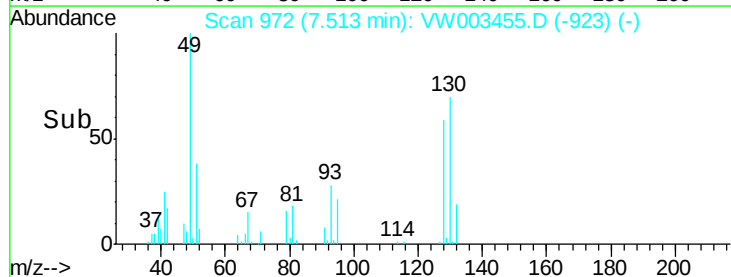
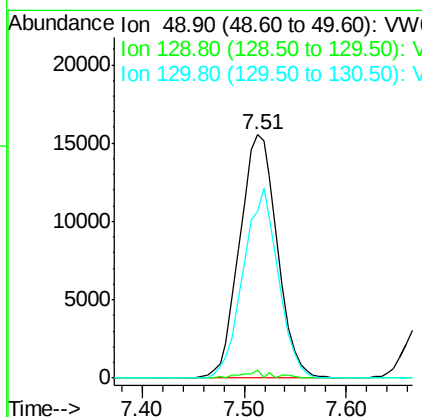
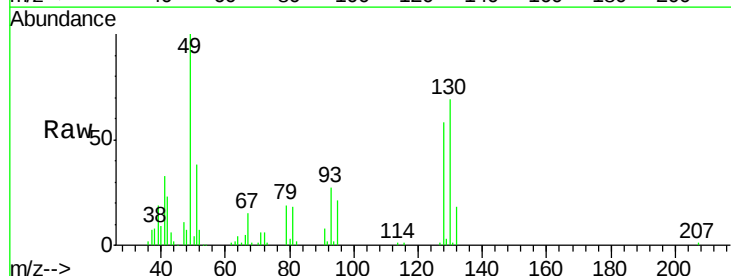
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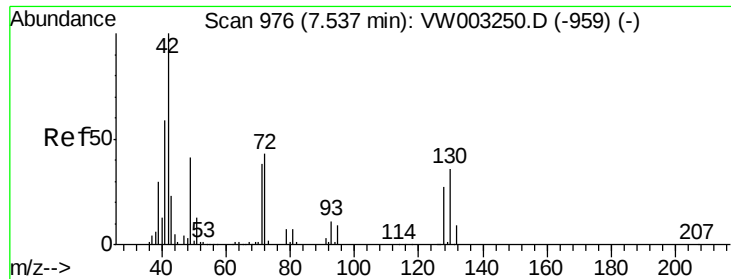


#28

Bromochloromethane
Concen: 18.92 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.6
130	72.6	59.4	89.2





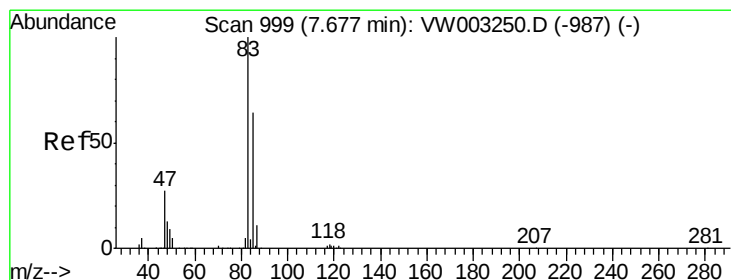
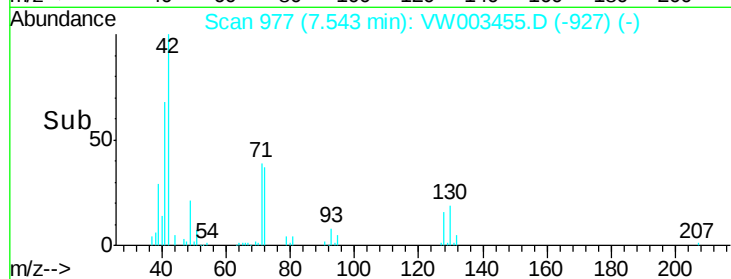
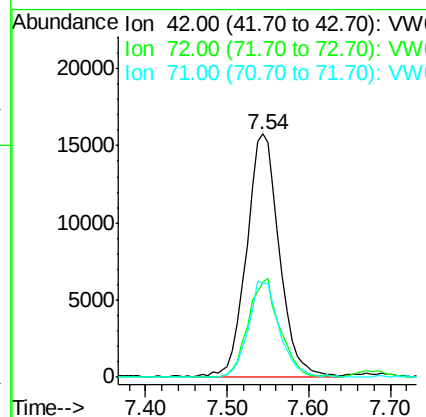
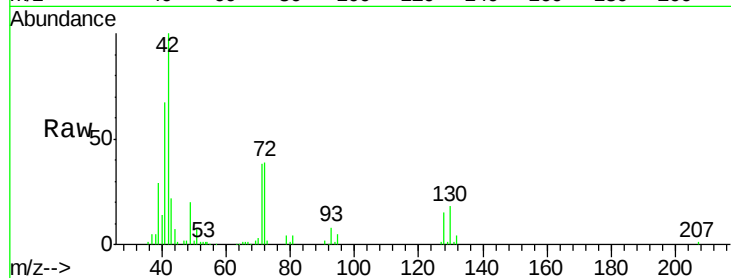
#29
Tetrahydrofuran
Concen: 93.59 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	32.4	48.6
71	37.9	31.2	46.8

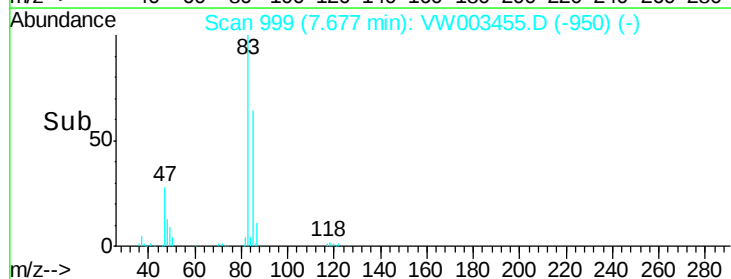
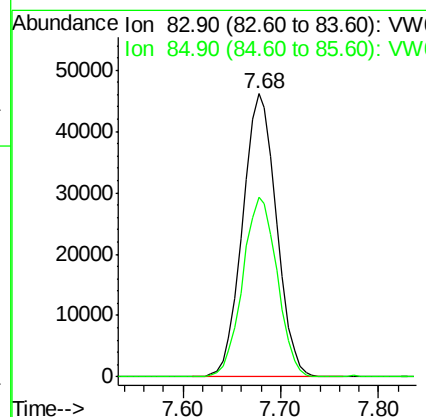
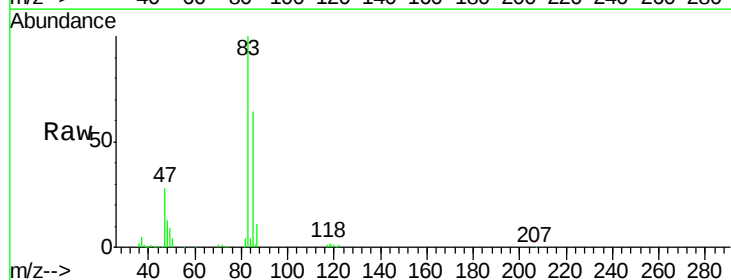
Manual Integrations
APPROVED

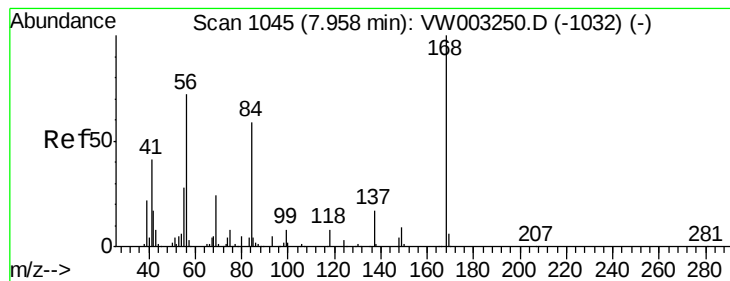
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#30
Chloroform
Concen: 21.51 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.3	76.9





#31

Cyclohexane

Concen: 21.23 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

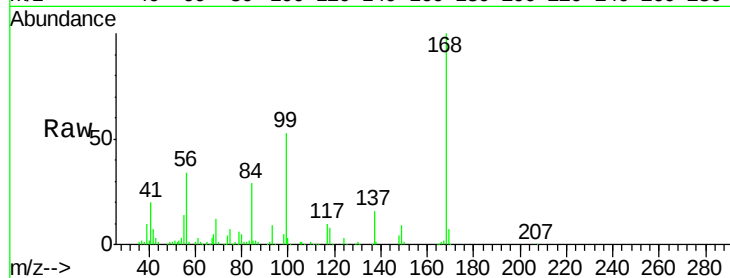
ClientSampleId :

VW0623SBS01

Tot Ion:	56	Resp:	100271
Ion	Ratio	Lower	Upper
56	100		
69	36.7	26.3	39.5
84	85.6	65.7	98.5

Manual Integrations
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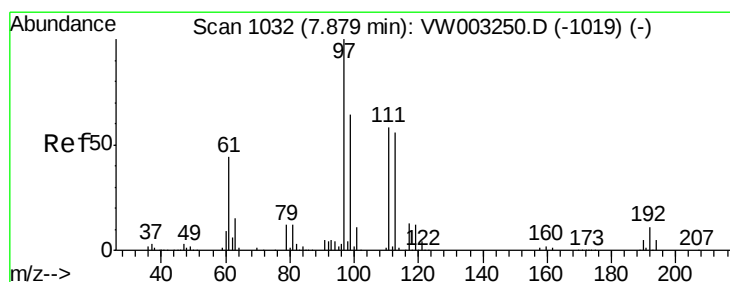
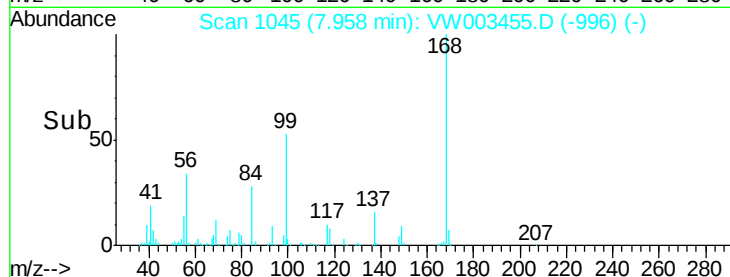
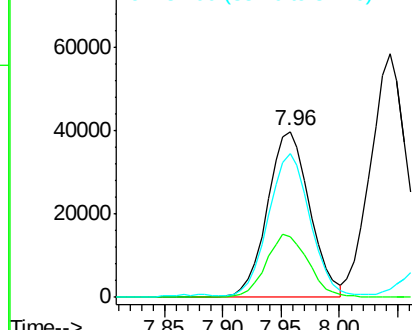


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.82 ug/l

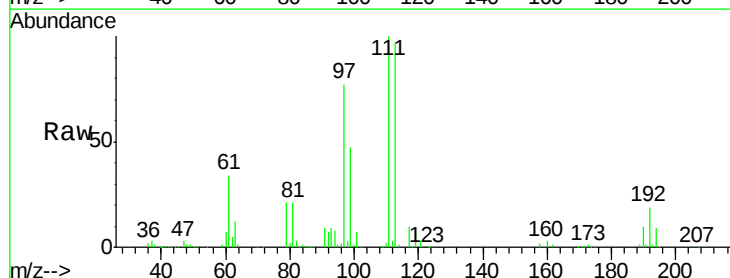
RT: 7.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Tgt Ion:	97	Resp:	92770
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	46.8	37.6	56.4

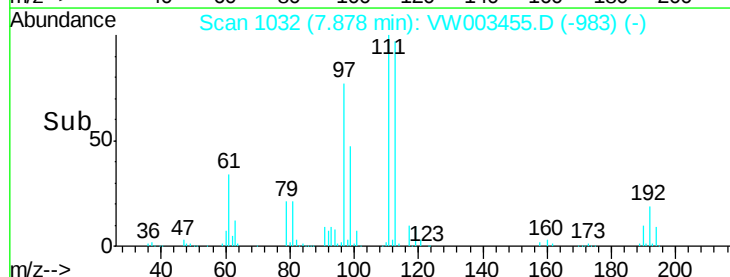
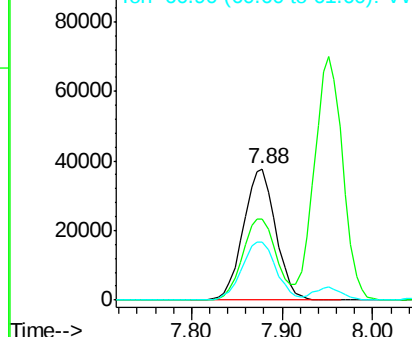


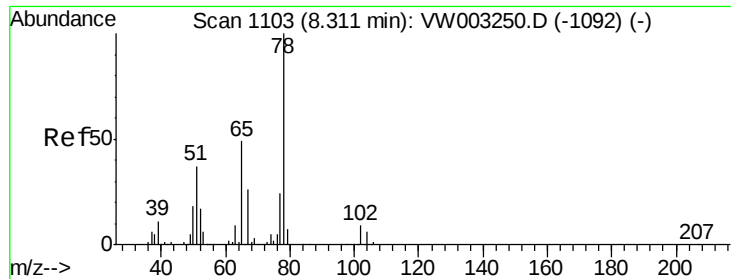
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





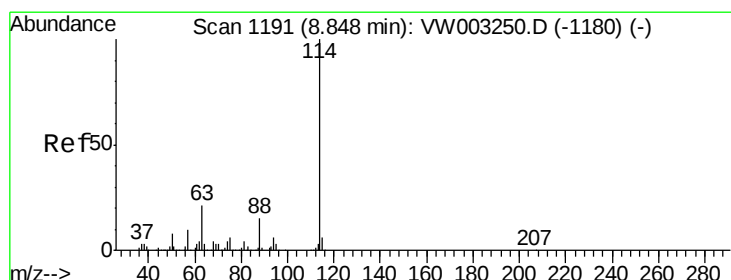
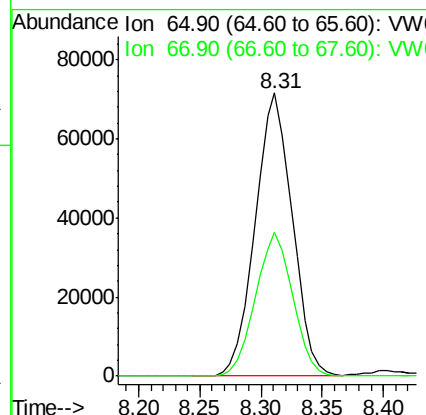
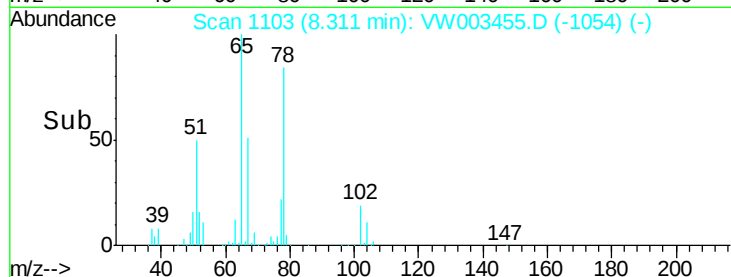
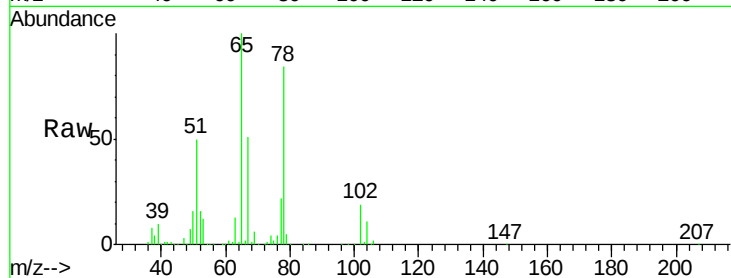
#33
 1,2-Dichloroethane-d4
 Concen: 51.76 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.1	0.0	104.2	

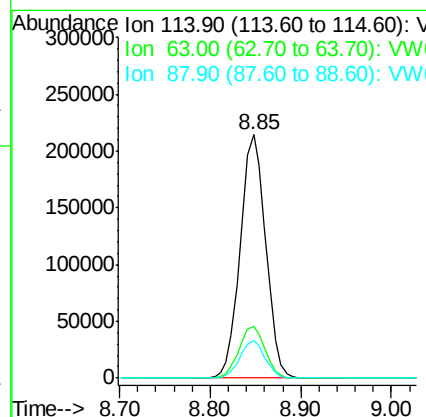
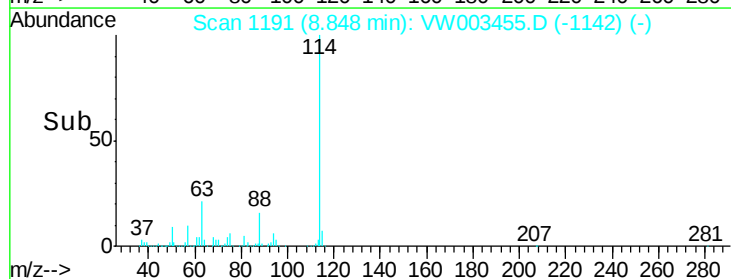
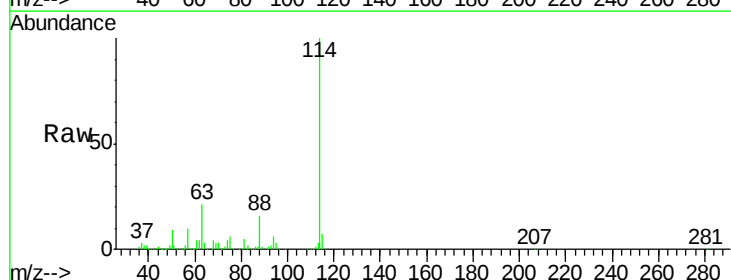
Manual Integrations
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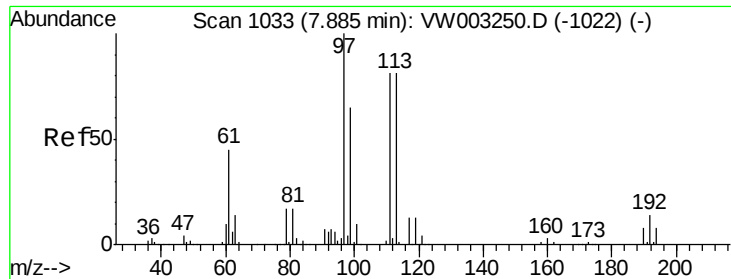
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.5	0.0	43.0	
88	15.5	0.0	29.6	





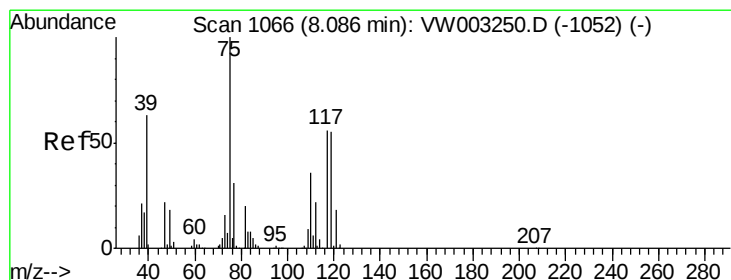
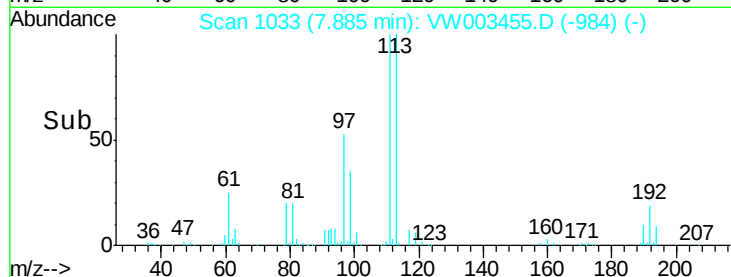
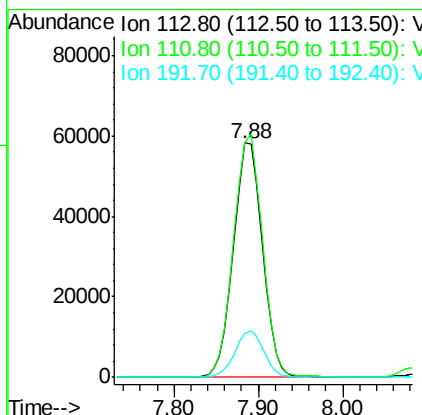
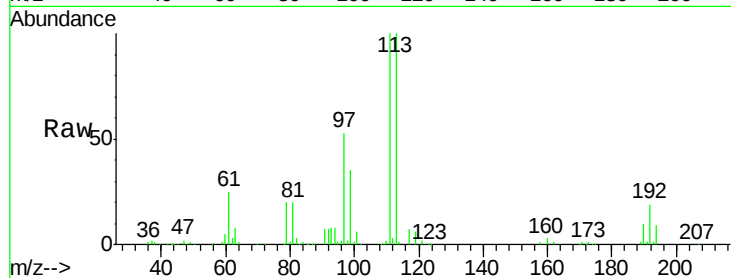
#35
 Dibromofluoromethane
 Concen: 52.49 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136049		
111	103.2	82.2	123.2	
192	19.6	16.2	24.2	

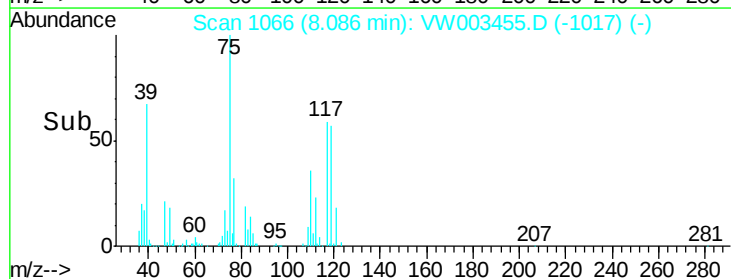
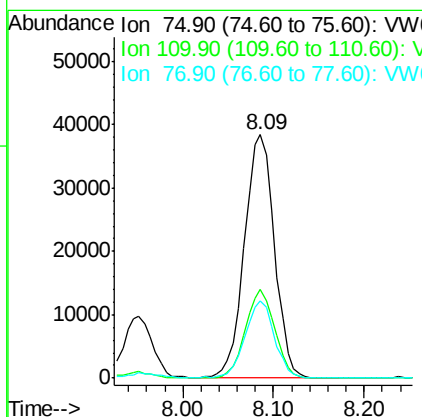
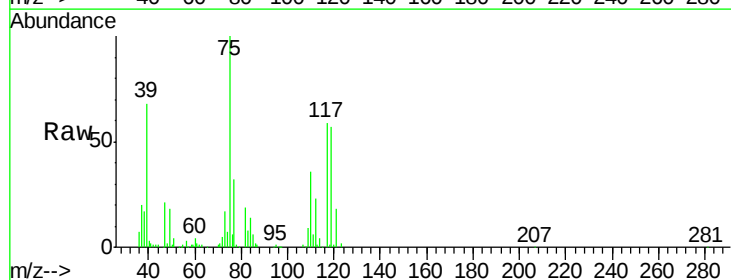
Manual Integrations
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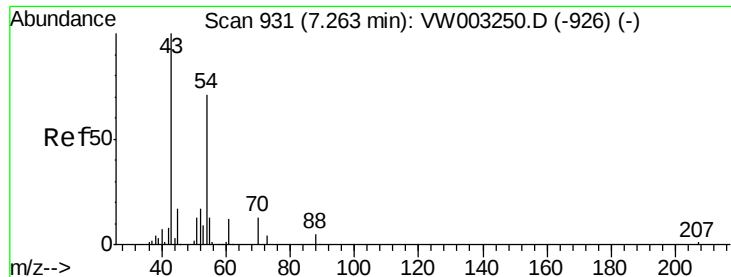
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#36
 1,1-Dichloropropene
 Concen: 21.89 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	88190		
110	35.1	17.1	51.3	
77	31.2	24.9	37.3	





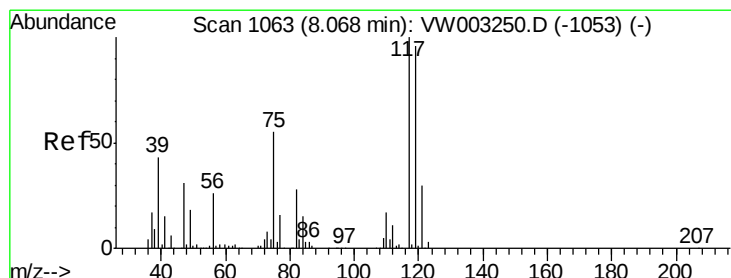
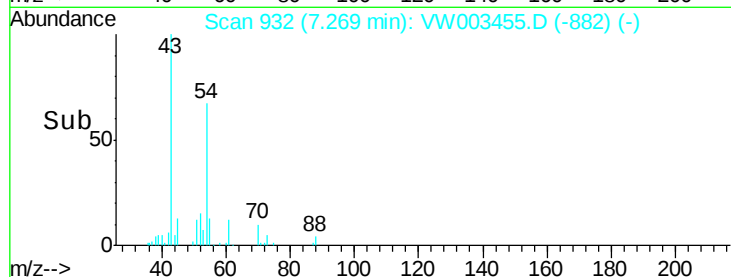
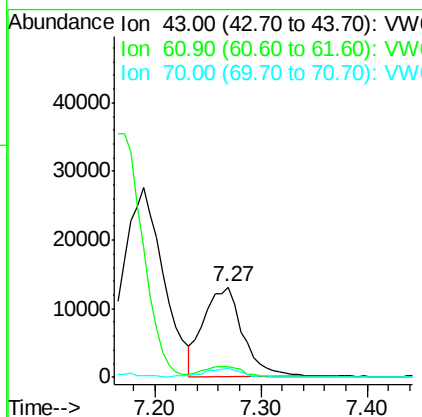
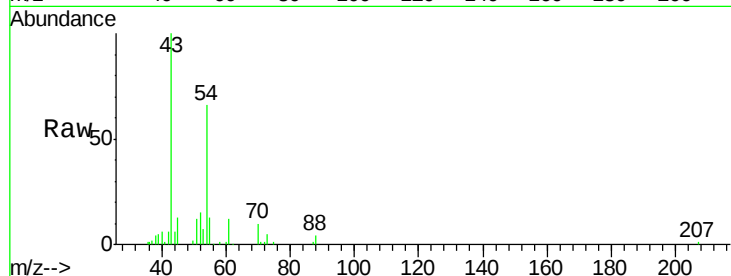
#37
Ethyl Acetate
Concen: 19.99 ug/l
RT: 7.27 min Scan# 932
Delta R.T. 0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.8	16.2
70	9.9	7.8	11.6

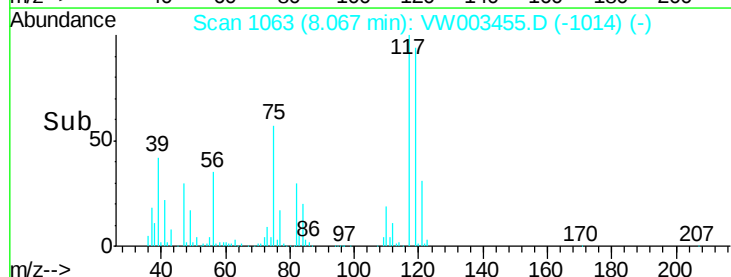
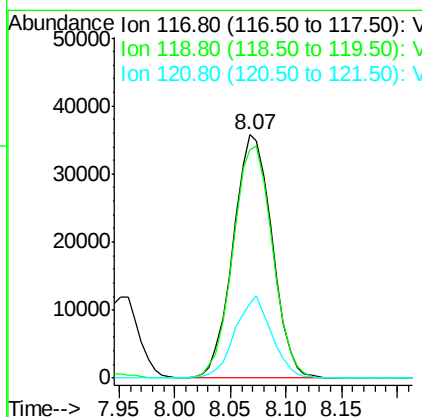
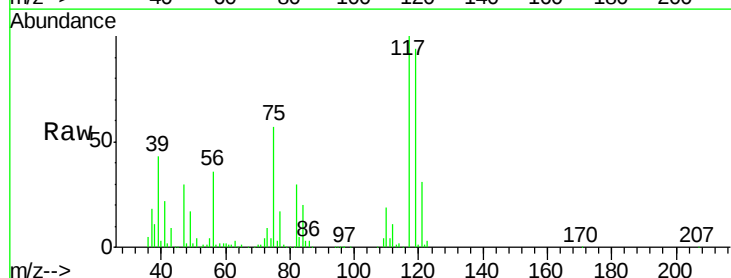
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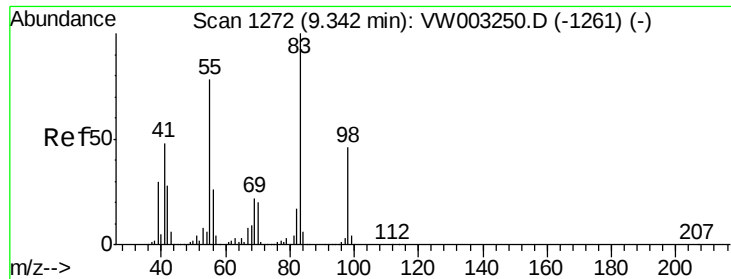
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#38
Carbon Tetrachloride
Concen: 22.04 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.6	115.0
121	30.7	23.9	35.9





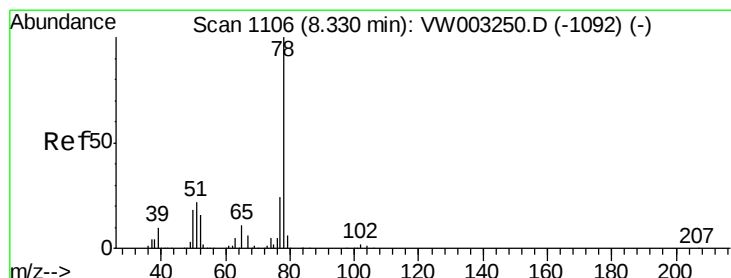
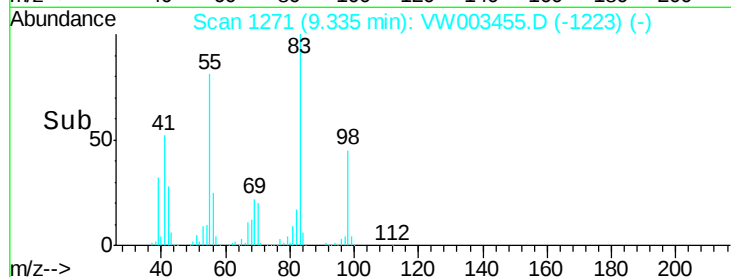
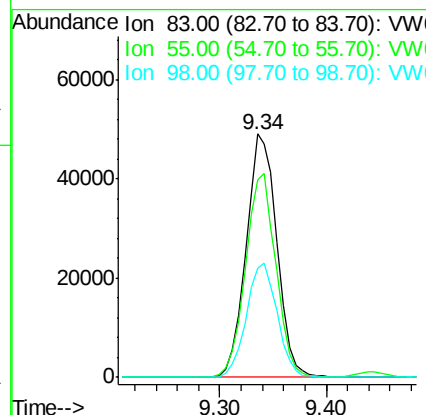
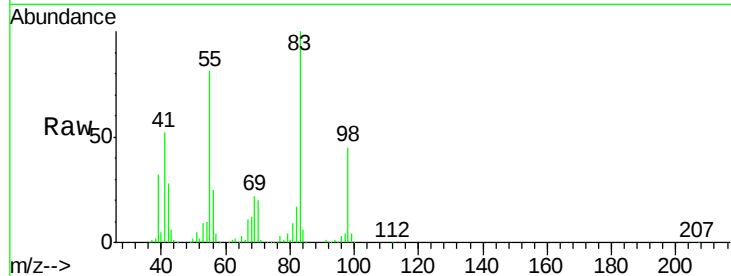
#39
Methvlcvclohexane
Concen: 21.31 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.4	62.6	93.8	
98	44.6	37.0	55.4	

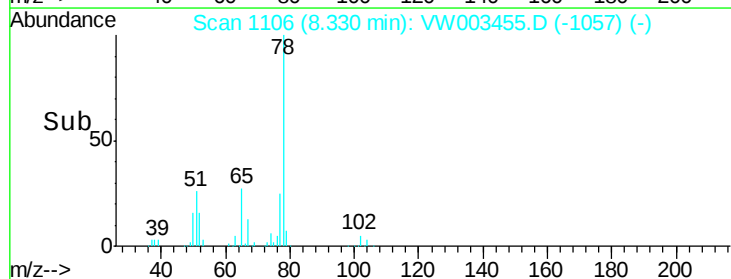
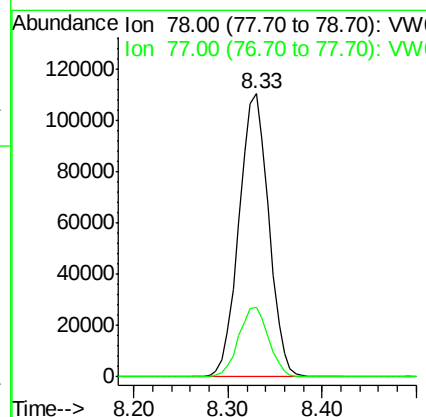
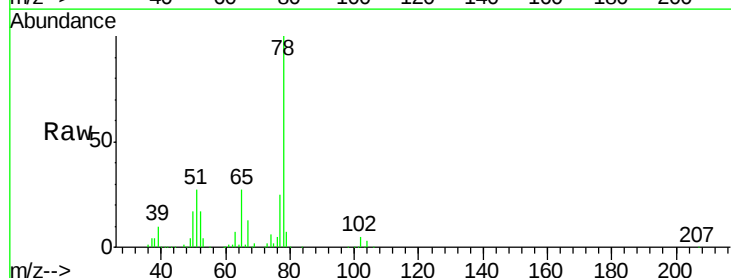
Manual Integrations
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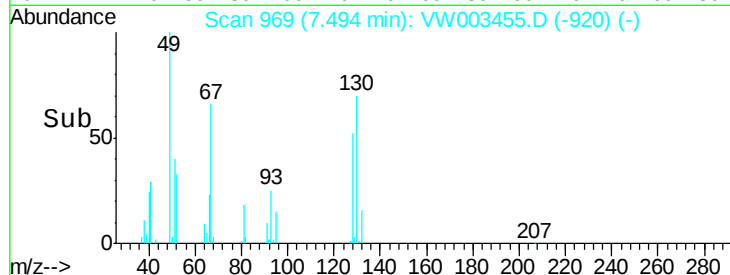
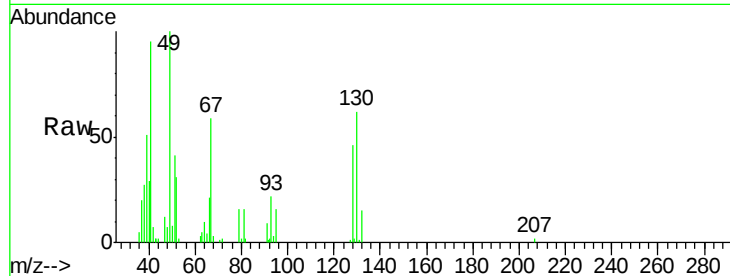
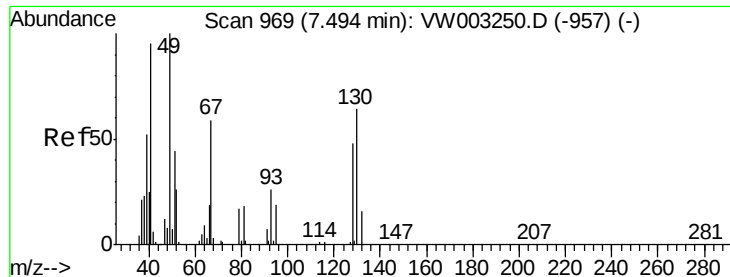
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#40
Benzene
Concen: 21.84 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

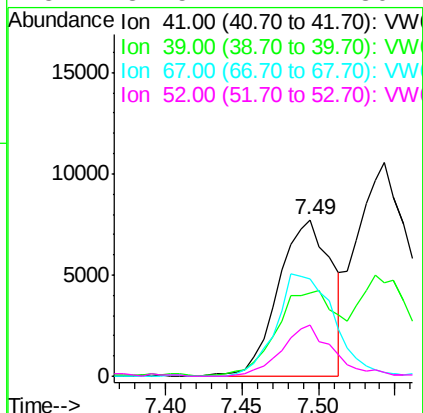
Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.7	19.0	28.6	





#41
Methacrylonitrile
Concen: 18.30 ug/l
RT: 7.49 min Scan# 969
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

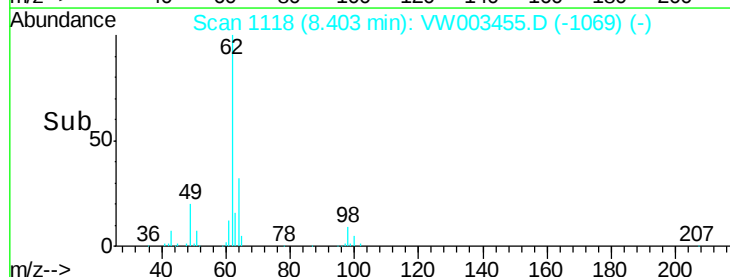
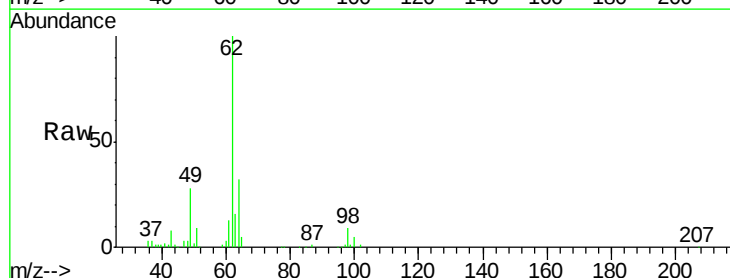
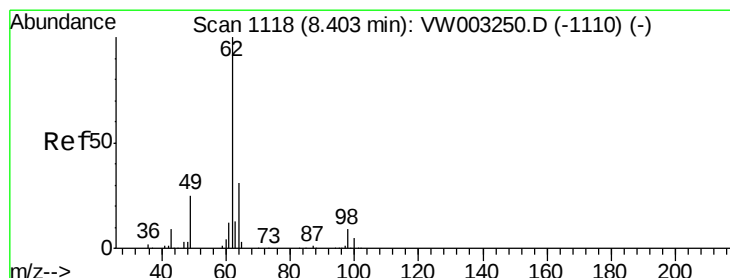
Tot Ion	41	Resp	18739
Ion	Ratio	Lower	Upper
41	100		
39	64.2	45.8	68.8
67	71.5	52.3	78.5
52	31.5	24.1	36.1



Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

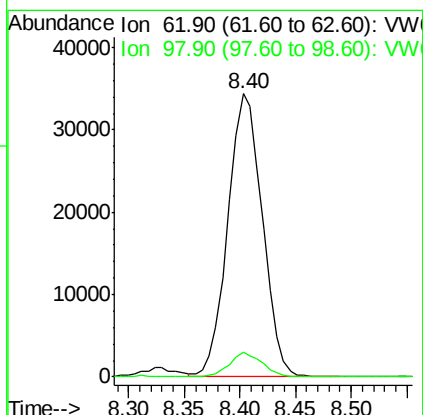
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 21.25 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	62	Resp	73942
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.34 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

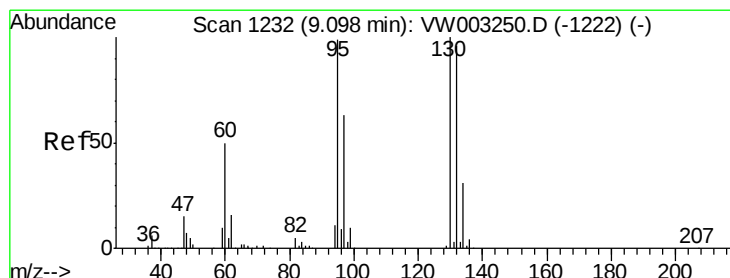
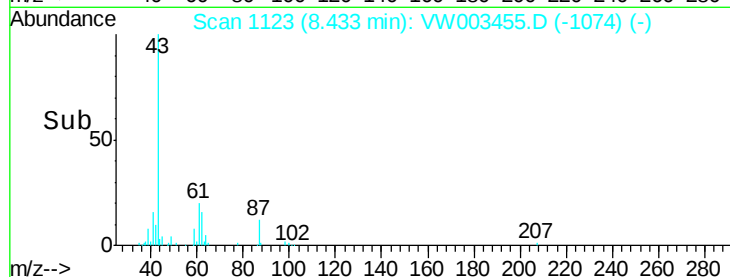
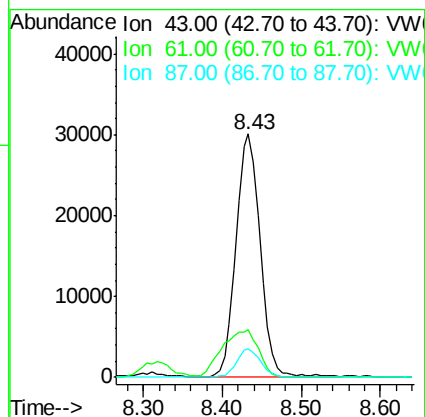
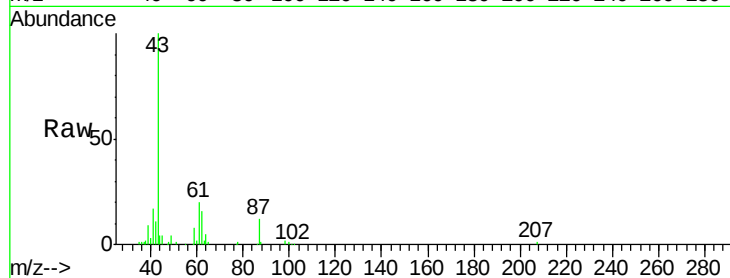
ClientSampleId :

VW0623SBS01

Tot Ion:	43	Resp:	64085
Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.1	34.7
87	11.8	9.8	14.6

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#44

Trichloroethene

Concen: 21.44 ug/l

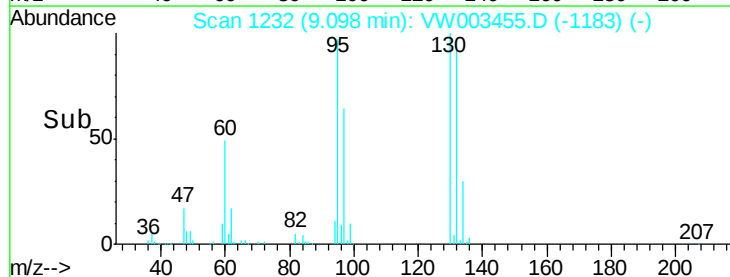
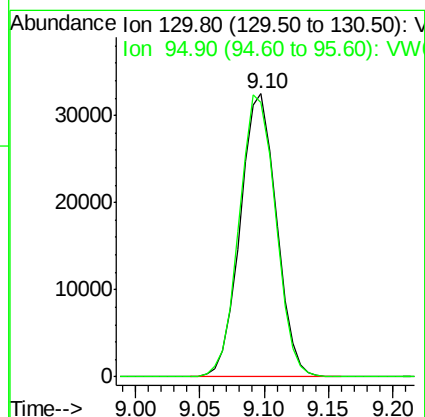
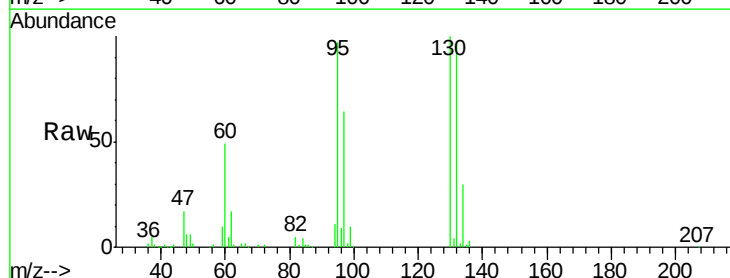
RT: 9.10 min Scan# 1232

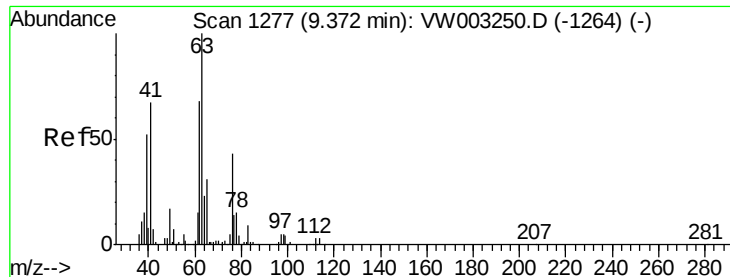
Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Tgt Ion:	130	Resp:	63086
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	198.0





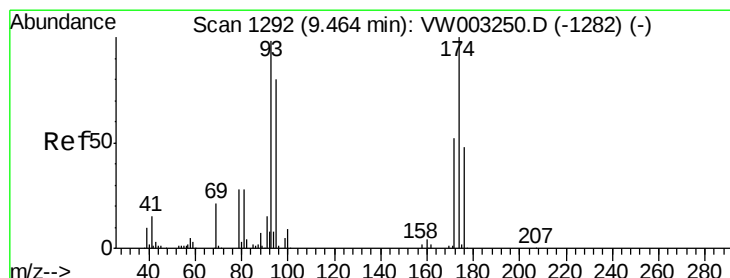
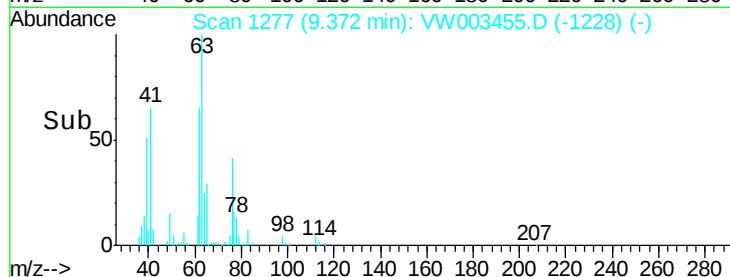
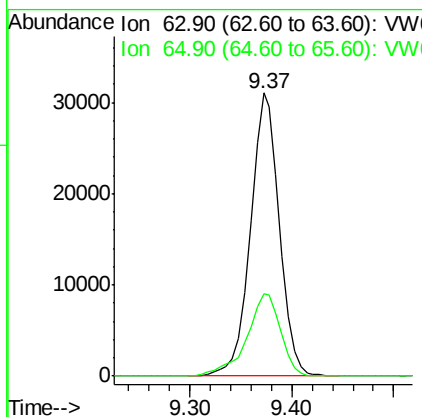
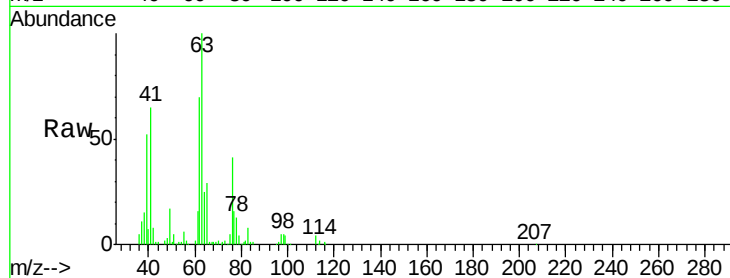
#45
 1,2-Dichloropropane
 Concen: 21.63 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	25.1	37.7

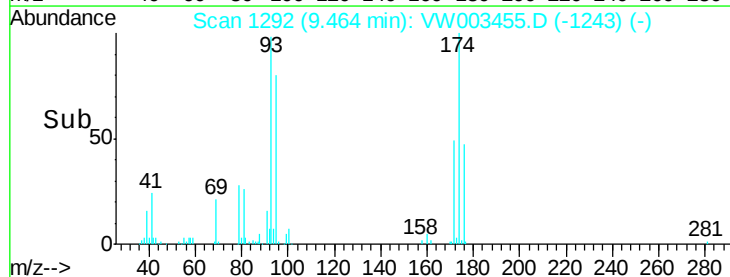
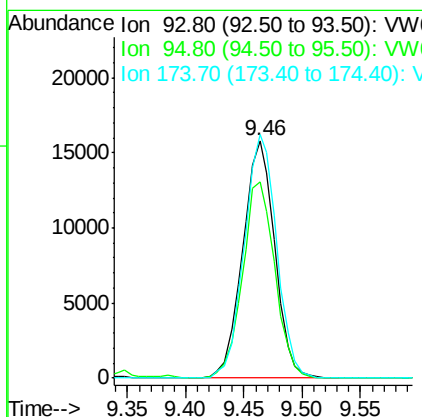
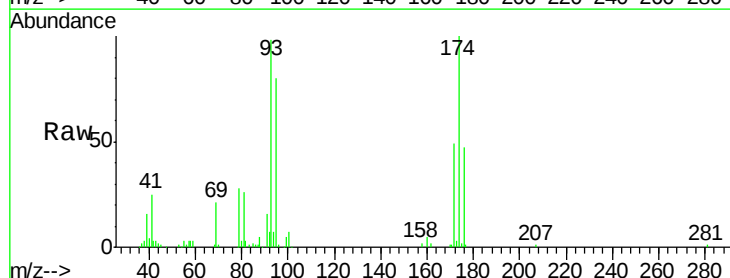
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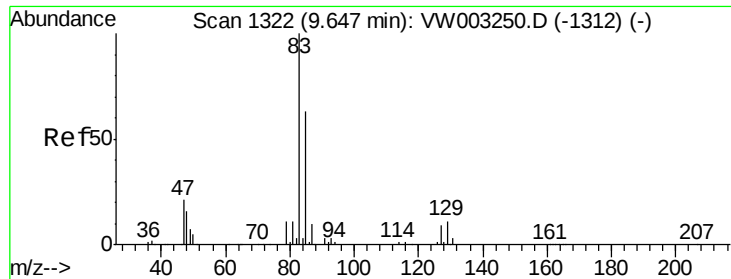
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#46
 Dibromomethane
 Concen: 20.98 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.8	98.8
174	103.5	81.4	122.0





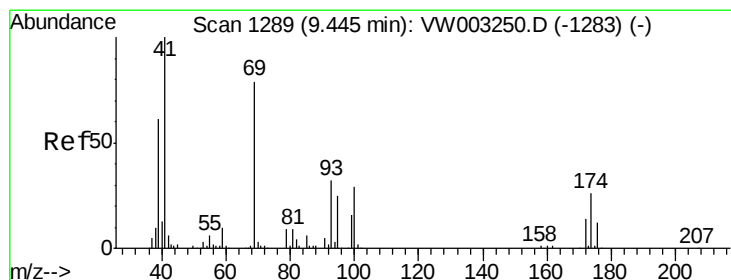
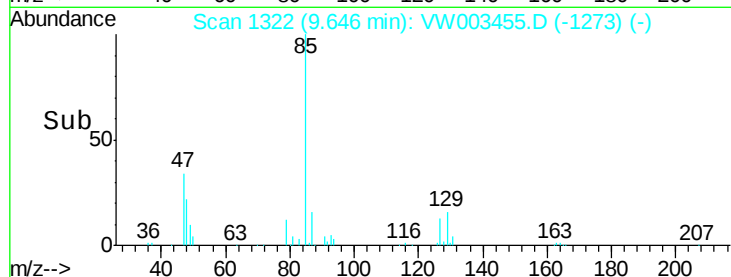
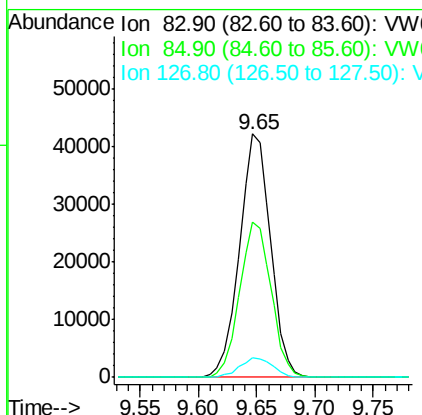
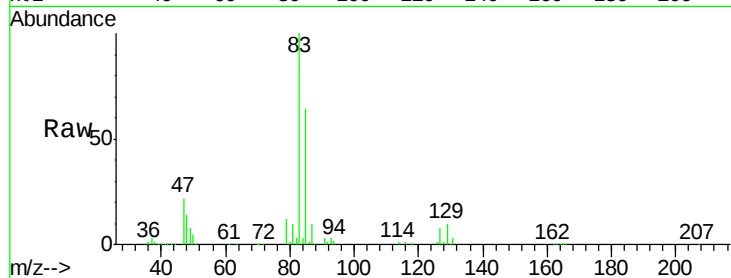
#47
Bromodichloromethane
Concen: 21.18 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	75.8
127	8.1	6.8	10.2

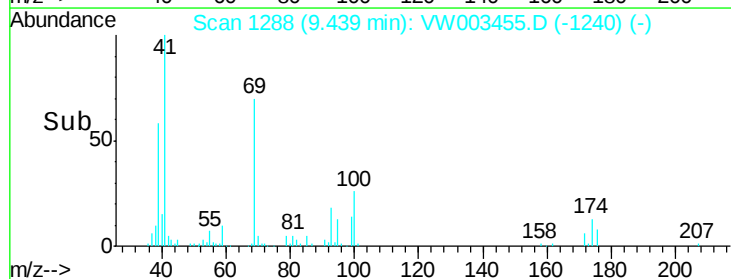
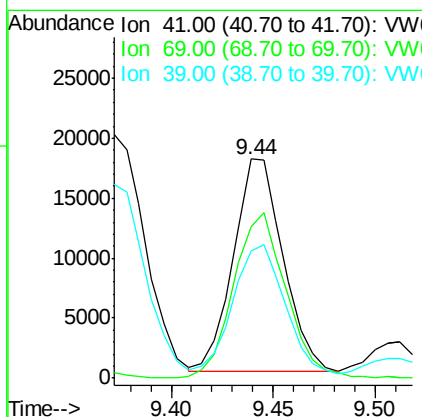
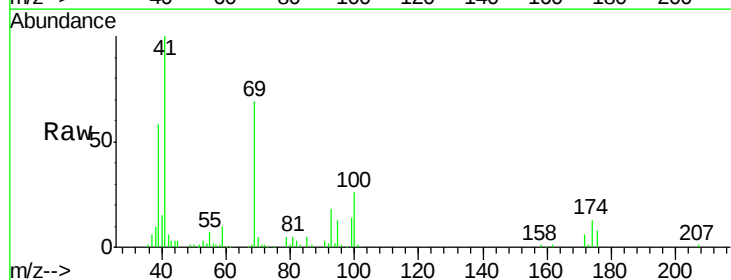
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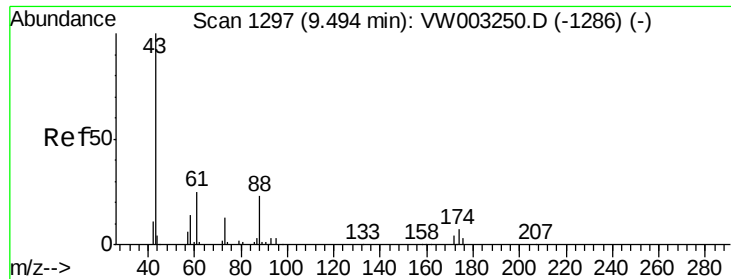
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#48
Methyl methacrylate
Concen: 19.28 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.0	65.4	98.2
39	67.8	54.2	81.2





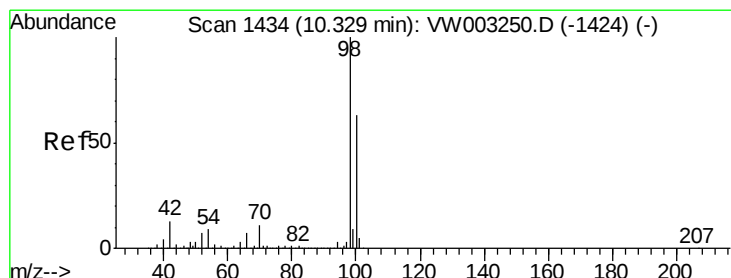
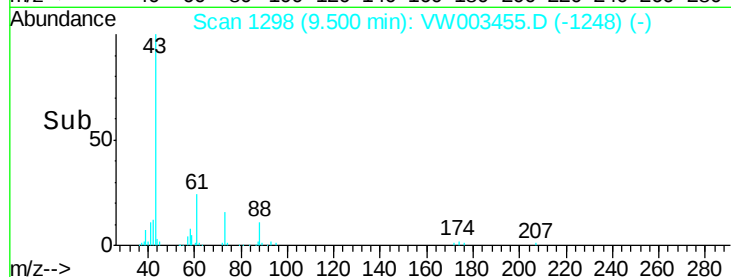
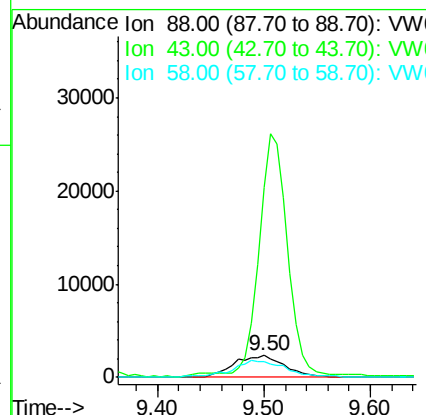
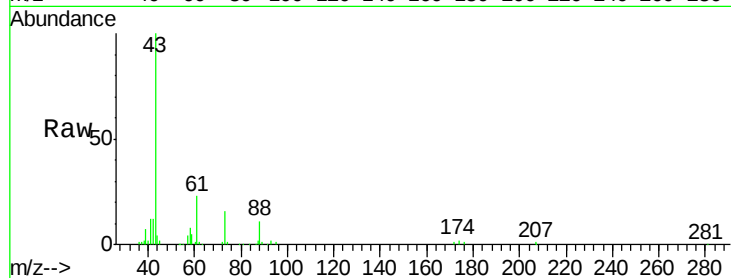
#49
1,4-Dioxane
Concen: 358.26 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	640.4	454.7	682.1
58	81.3	58.6	88.0

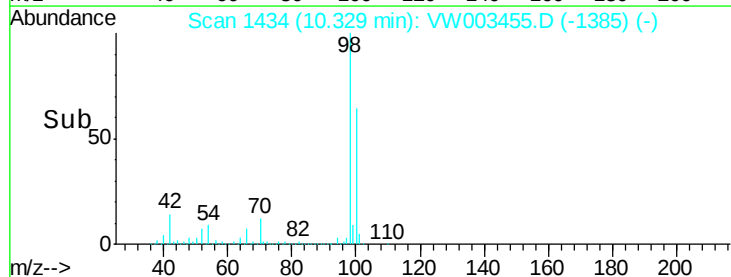
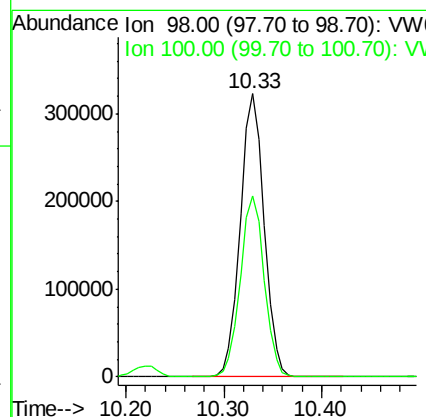
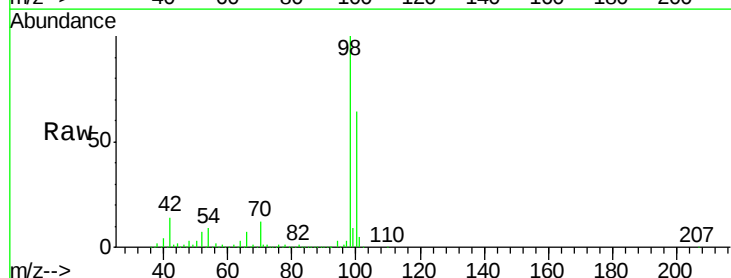
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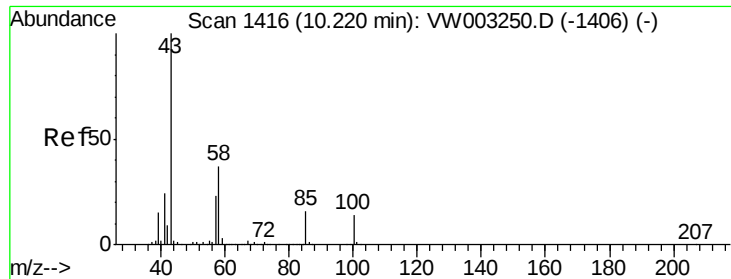
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#50
Toluene-d8
Concen: 53.23 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 95.08 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 43 Resp: 160546

Ion Ratio Lower Upper

43 100

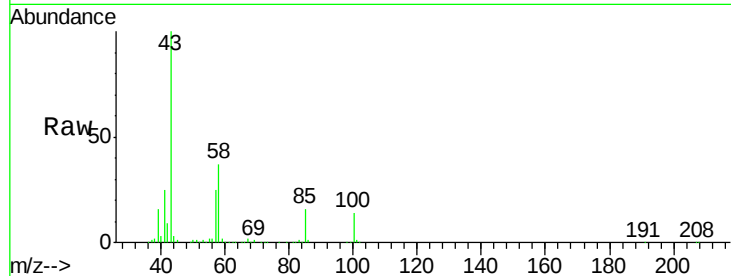
58 36.5 29.0 43.4

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.22

80000

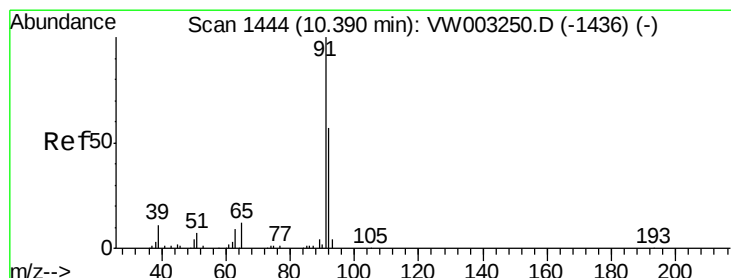
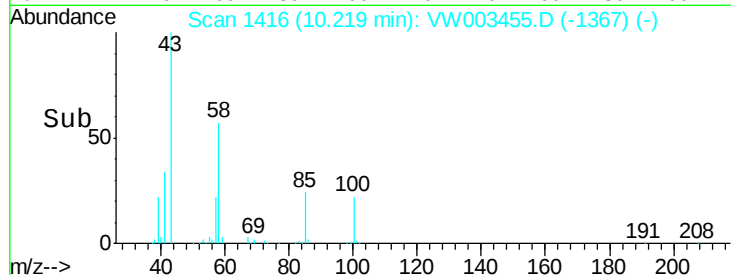
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 22.12 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003455.D

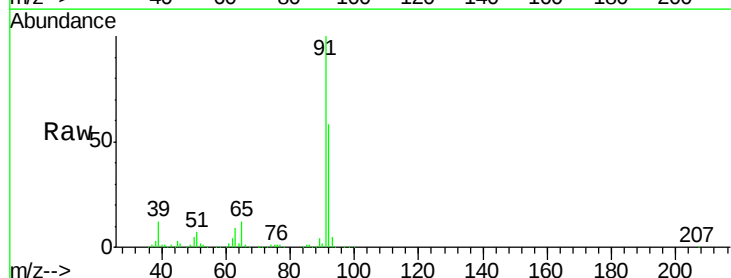
Acq: 23 Jun 2018 13:02

Tgt Ion: 92 Resp: 157490

Ion Ratio Lower Upper

92 100

91 174.9 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

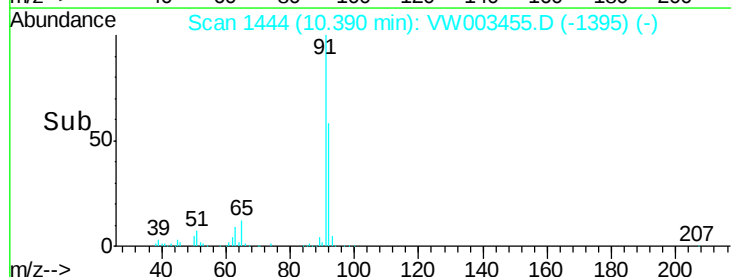
150000

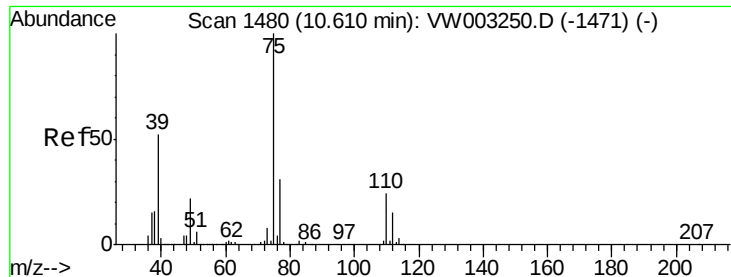
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.01 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 75 Resp: 79646

Ion Ratio Lower Upper

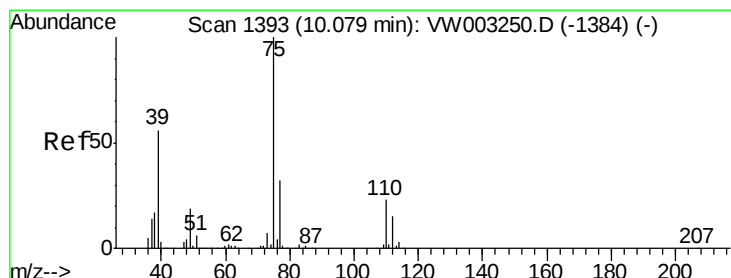
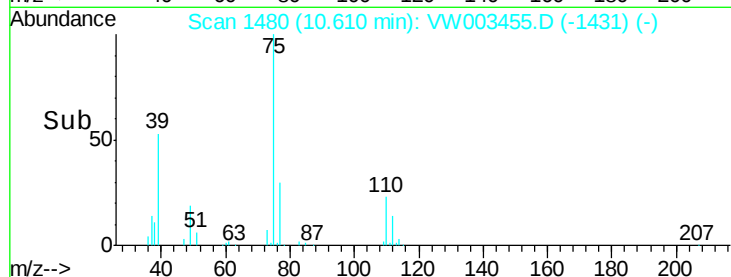
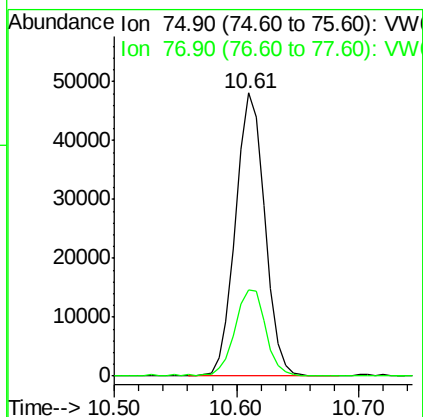
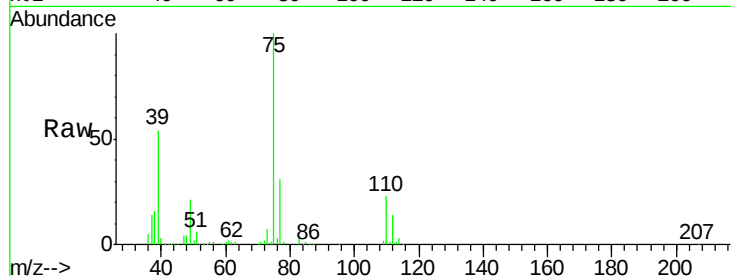
75 100

77 30.3 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 21.19 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

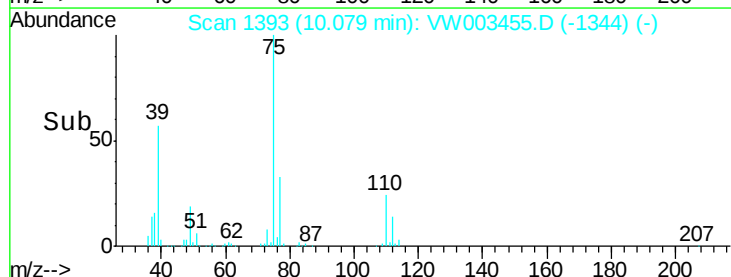
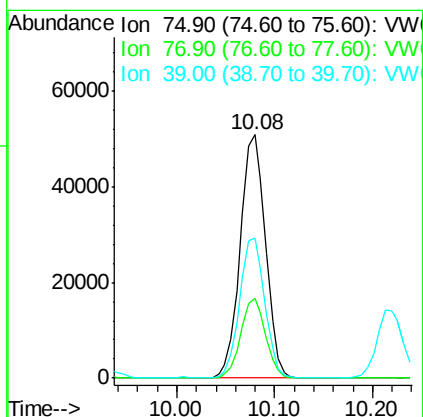
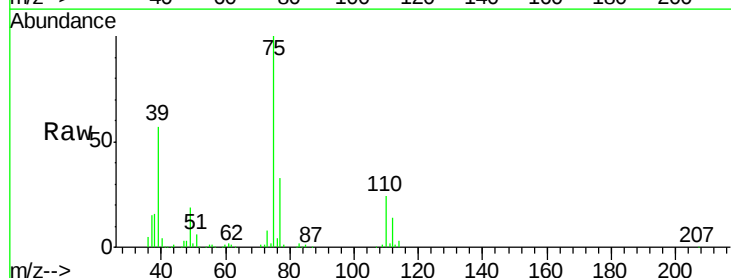
Tgt Ion: 75 Resp: 91408

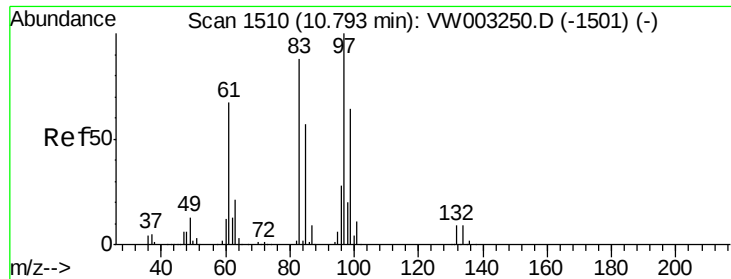
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

39 57.1 45.2 67.8





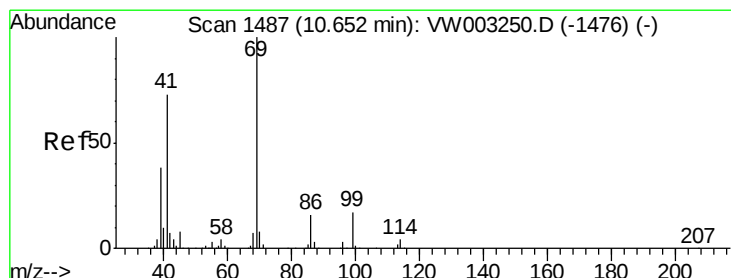
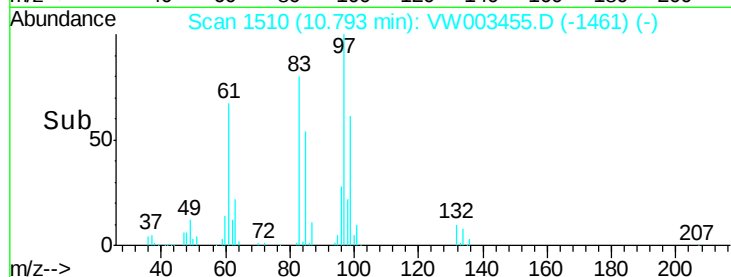
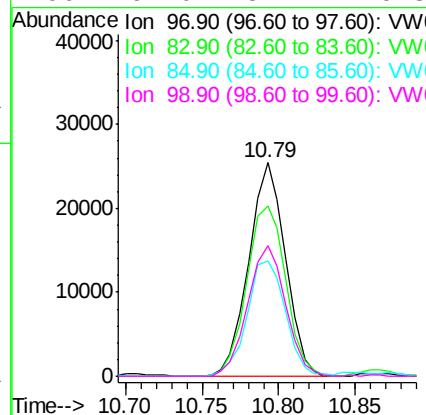
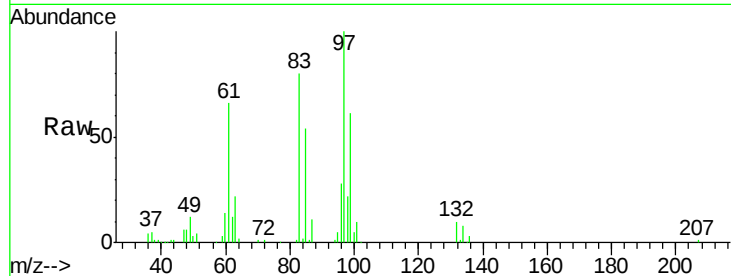
#55
 1,1,2-Trichloroethane
 Concen: 20.82 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	79.9	70.2	105.2
85	54.0	45.6	68.4
99	61.0	51.2	76.8

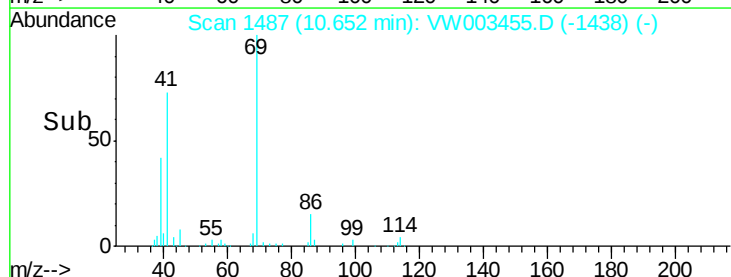
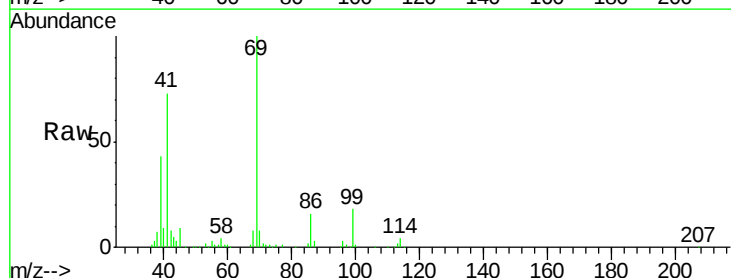
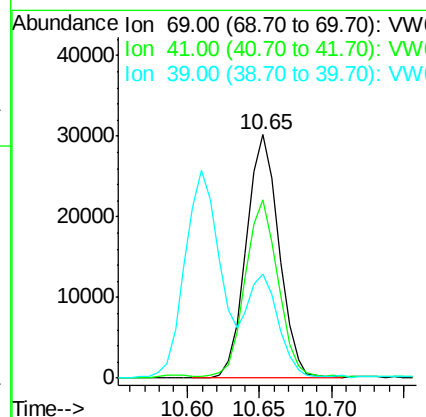
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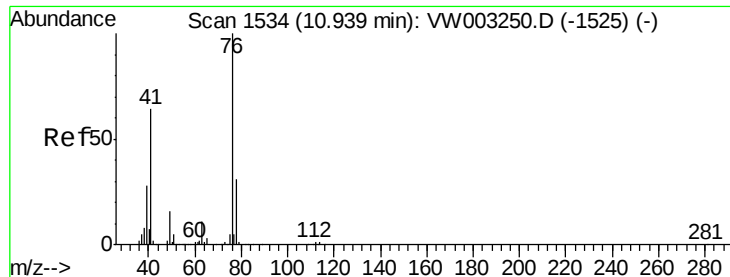
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#56
 Ethyl methacrylate
 Concen: 19.19 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.8	86.6
39	39.9	32.7	49.1





#57

1,3-Dichloropropane

Concen: 20.97 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 76 Resp: 73770

Ion Ratio Lower Upper

76 100

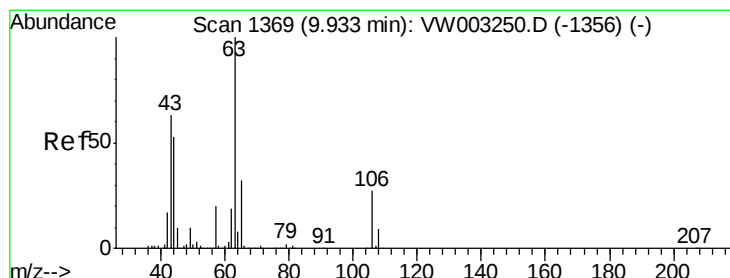
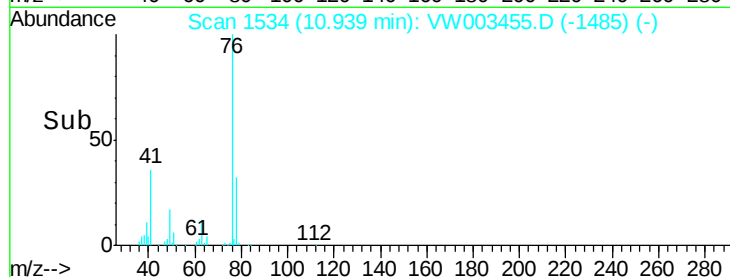
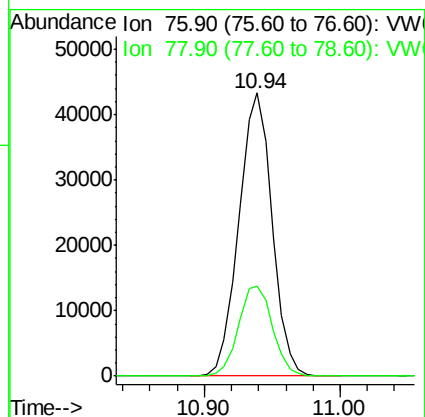
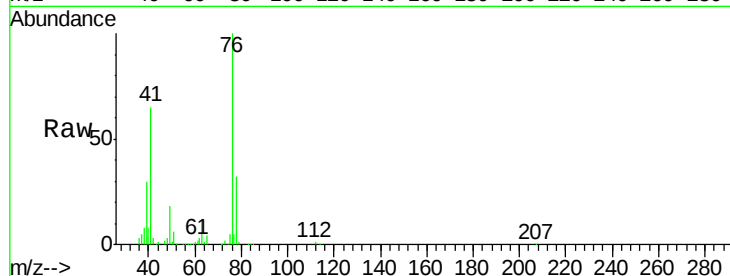
78 32.7 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 98.89 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW003455.D

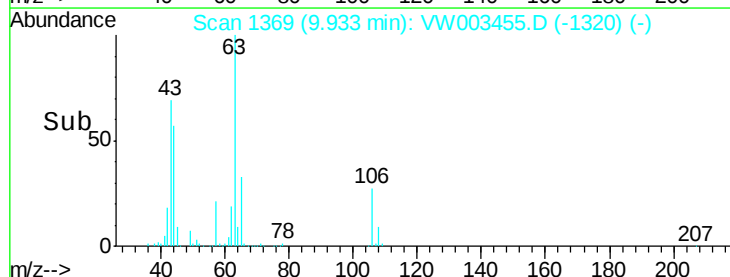
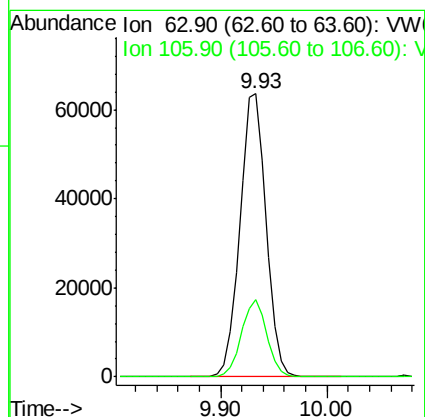
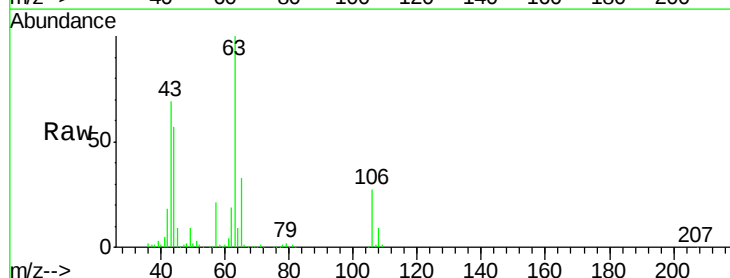
Acq: 23 Jun 2018 13:02

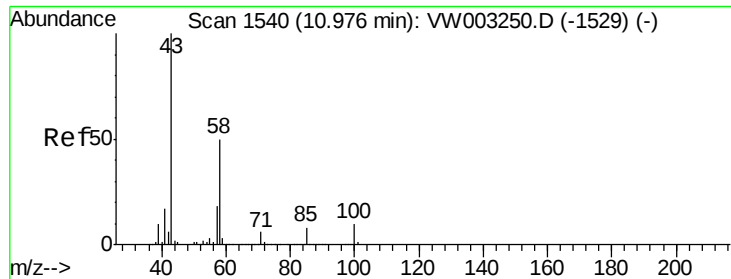
Tgt Ion: 63 Resp: 109798

Ion Ratio Lower Upper

63 100

106 26.5 21.8 32.8





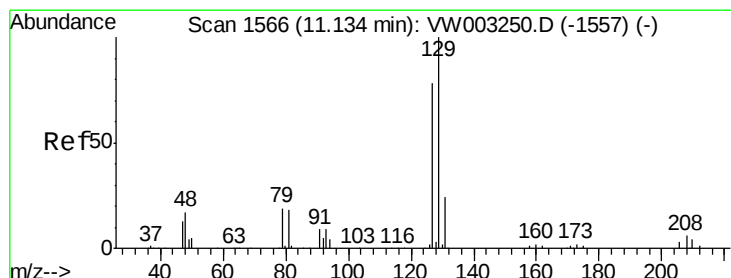
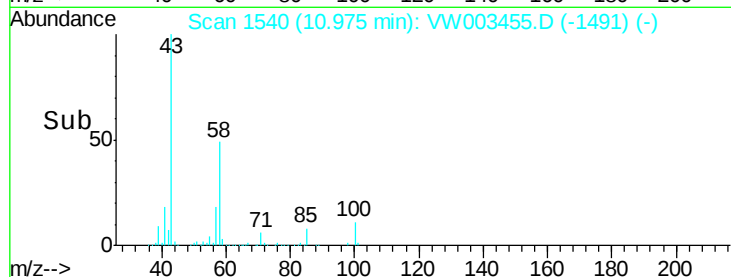
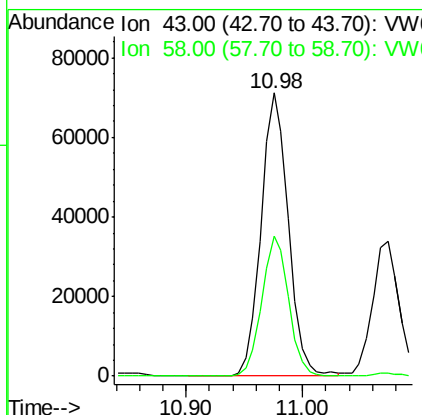
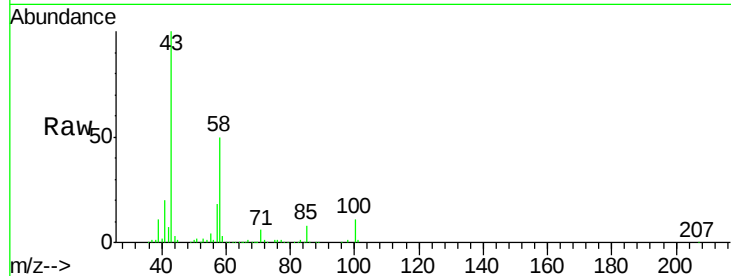
#59
2-Hexanone
Concen: 98.61 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tot Ion: 43 Resp: 116318
Ion Ratio Lower Upper
43 100
58 48.9 25.0 75.0

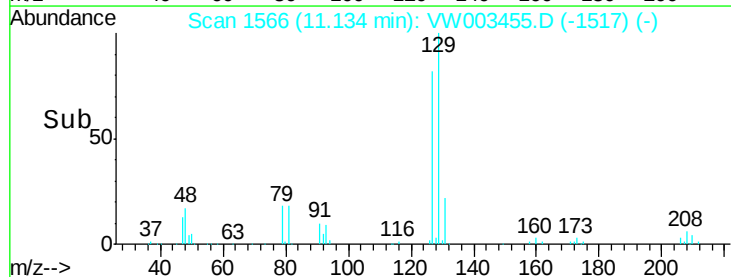
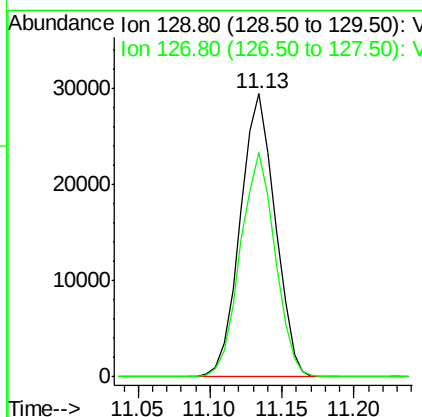
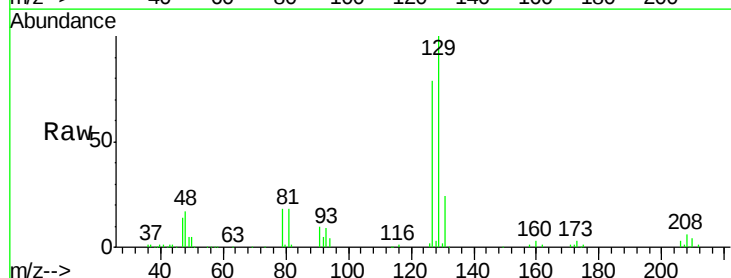
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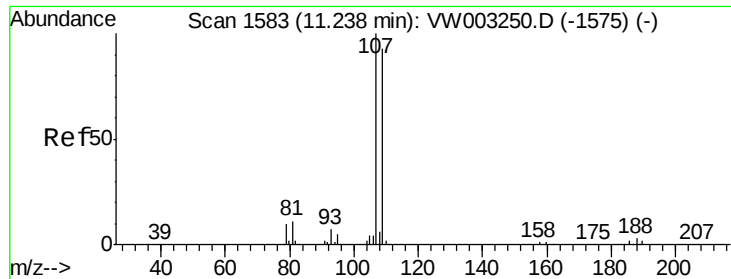
apatel
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#60
Dibromochloromethane
Concen: 20.43 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion: 129 Resp: 49556
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.5





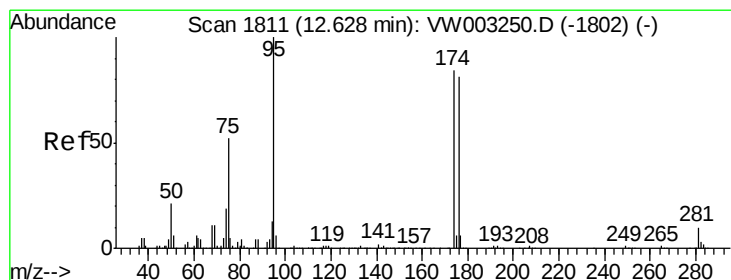
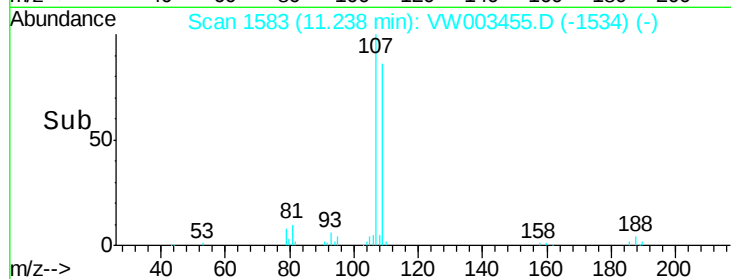
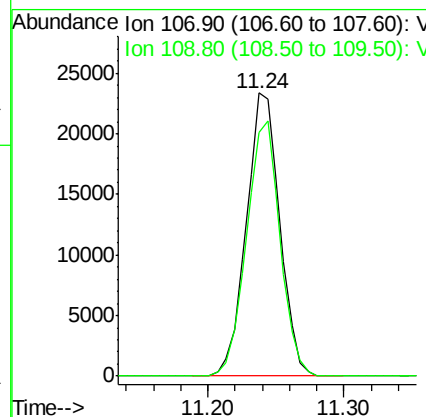
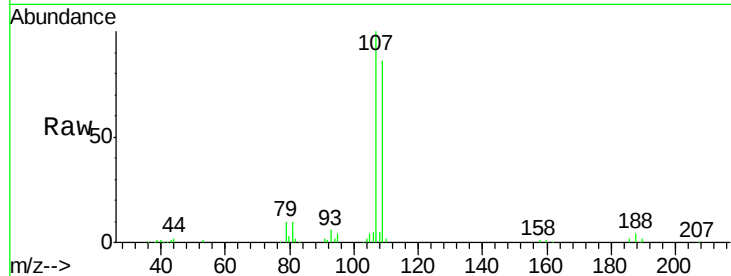
#61
 1,2-Dibromoethane
 Concen: 20.82 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.5	75.8	113.6

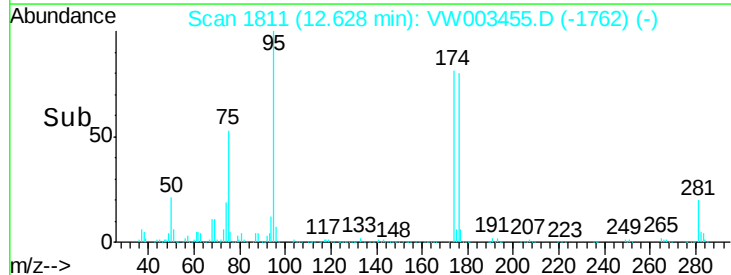
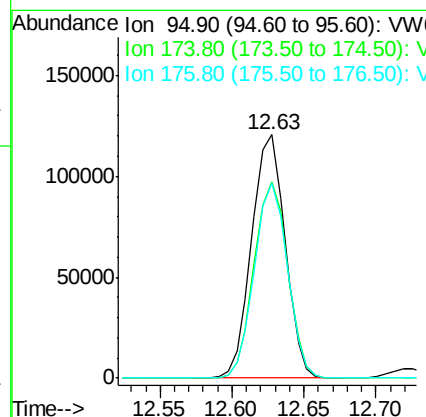
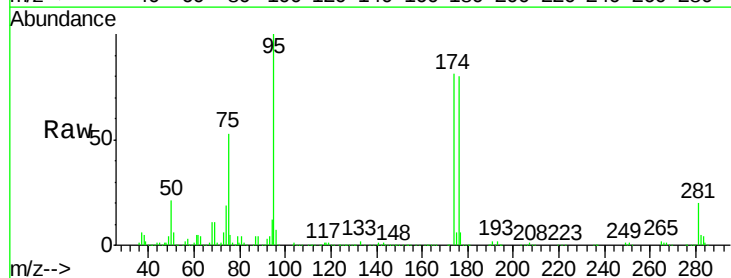
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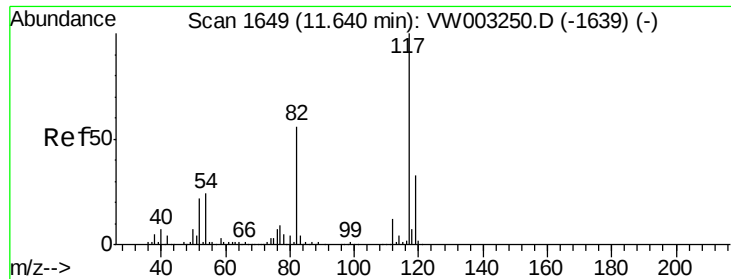
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#62
 4-Bromofluorobenzene
 Concen: 53.36 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	166.4
176	79.3	0.0	162.0





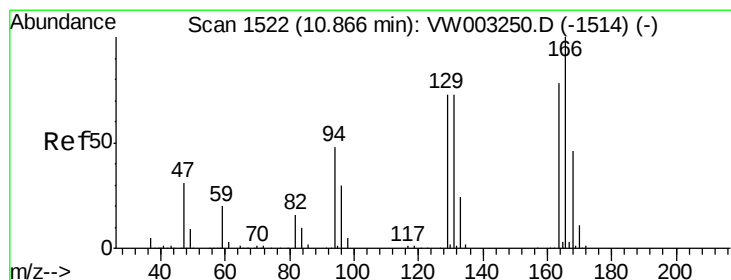
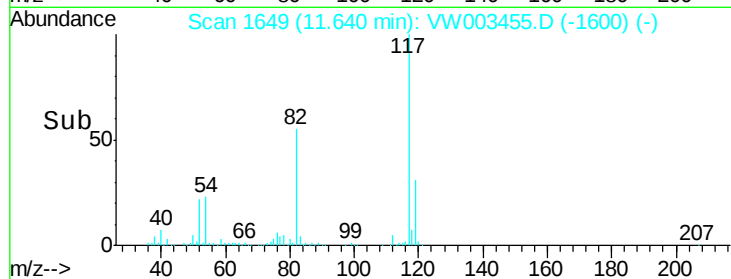
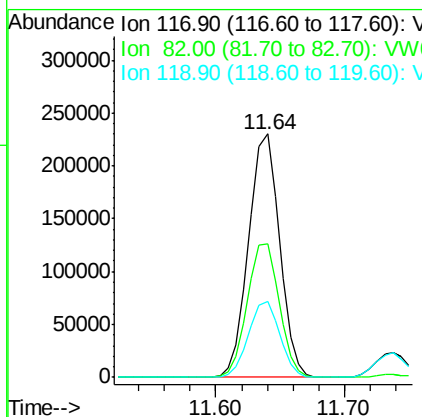
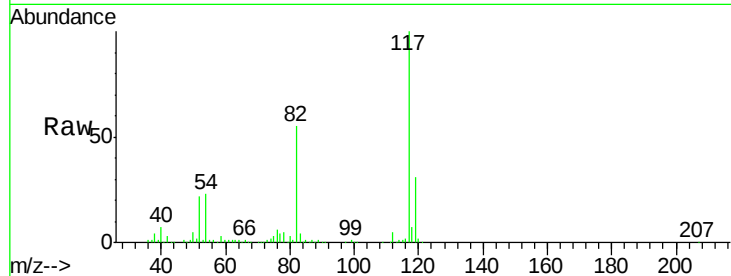
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	382871		
82	55.1		44.6	67.0
119	31.4		26.7	40.1

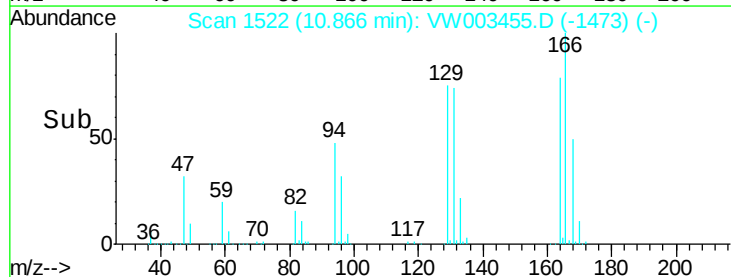
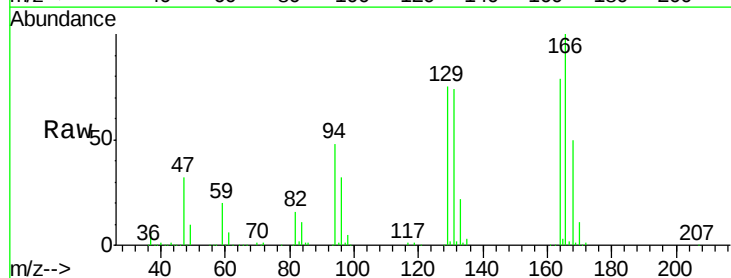
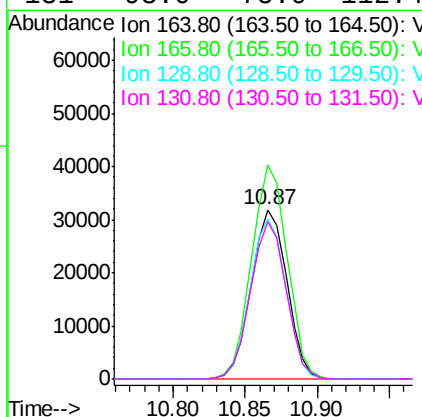
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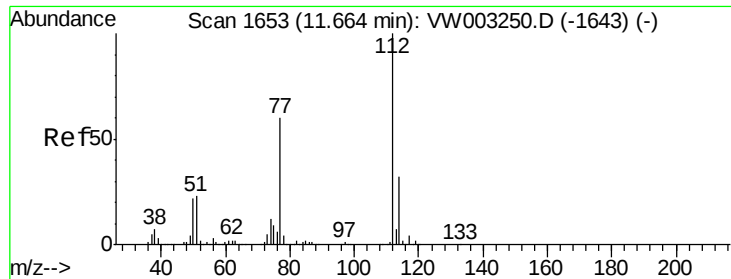
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#64
Tetrachloroethene
Concen: 21.31 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54565		
166	126.1		102.6	154.0
129	94.3		75.2	112.8
131	93.0		75.0	112.4





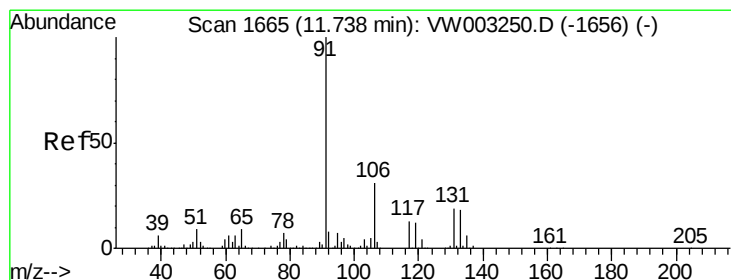
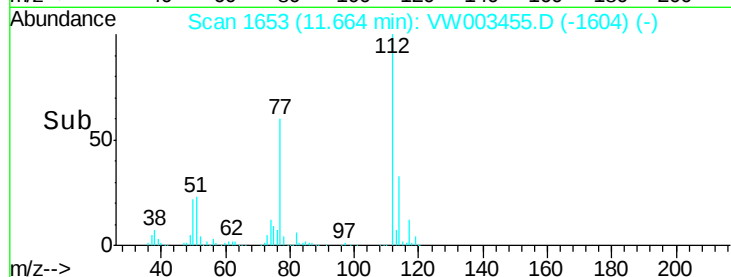
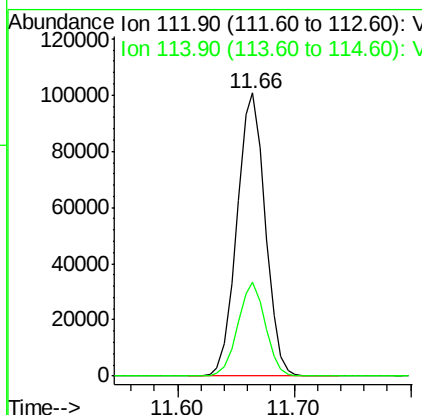
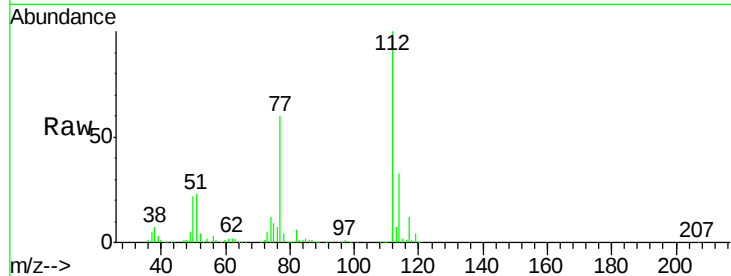
#65
Chlorobenzene
Concen: 21.38 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.9	38.9

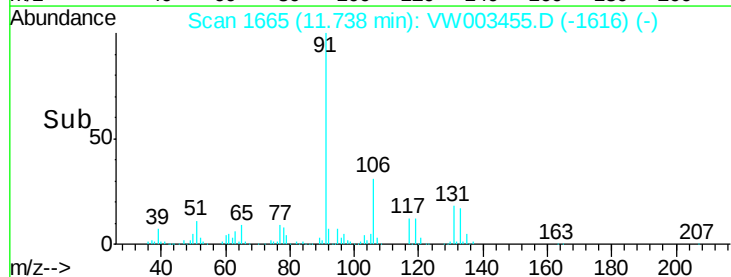
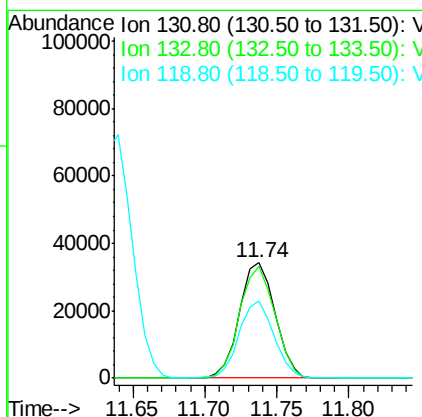
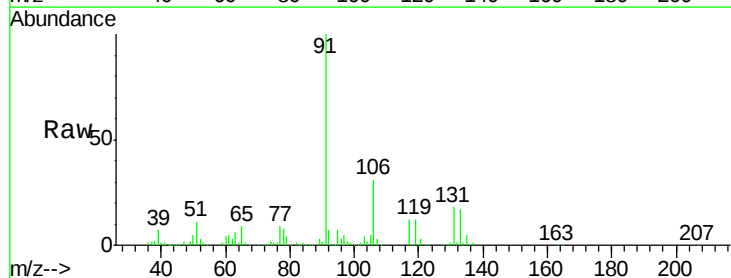
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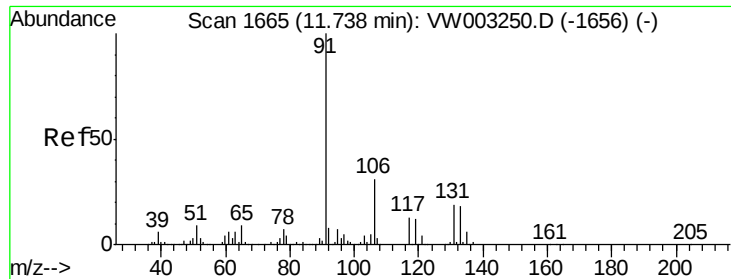
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.95 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	142.0
119	65.8	32.5	97.4





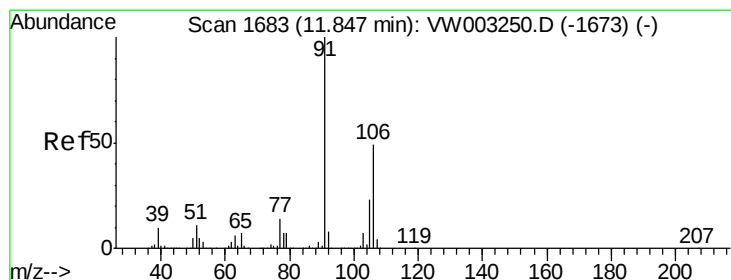
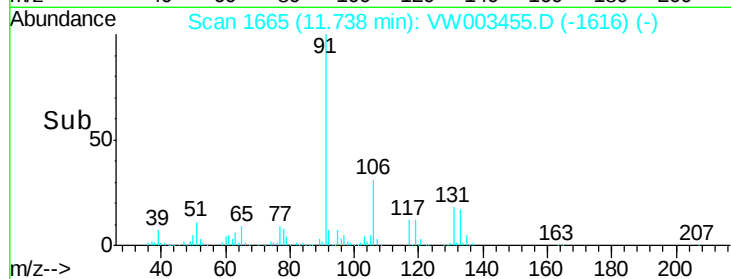
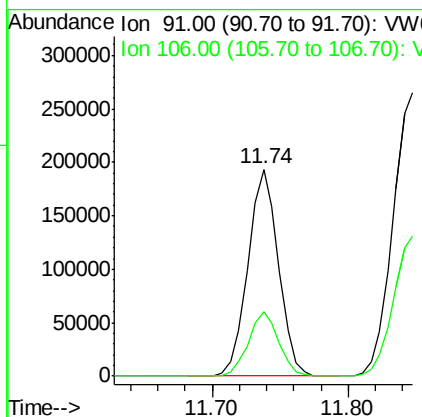
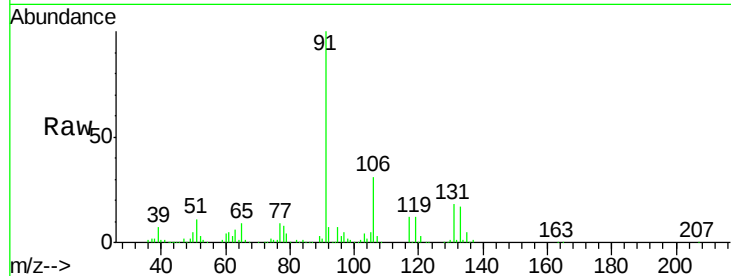
#67
Ethyl Benzene
Concen: 21.47 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion: 91 Resp: 303371
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1

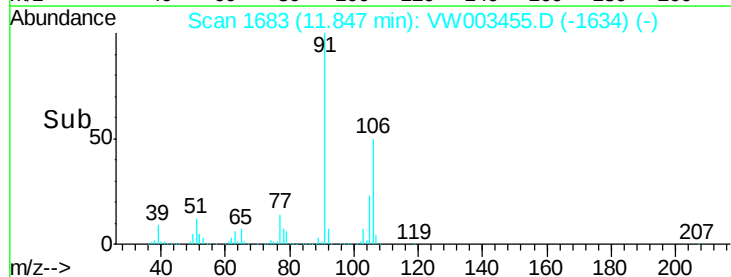
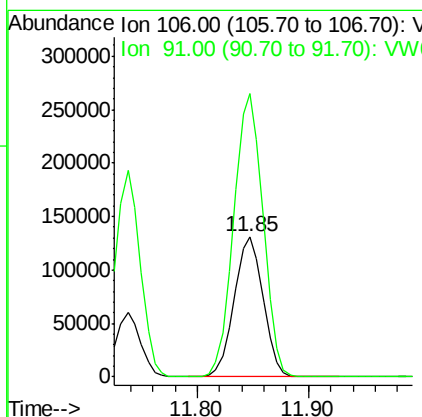
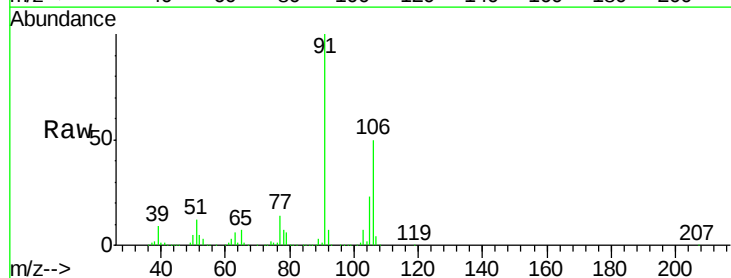
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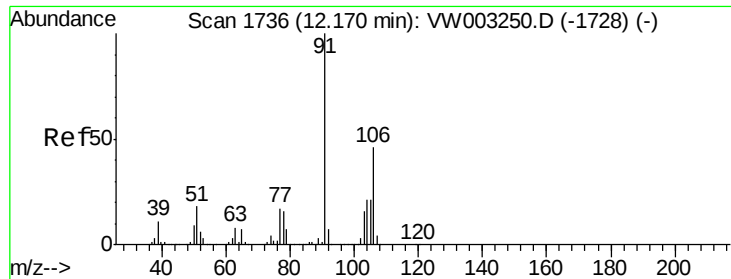
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#68
m/p-Xylenes
Concen: 43.85 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion: 106 Resp: 235578
Ion Ratio Lower Upper
106 100
91 204.6 165.4 248.0





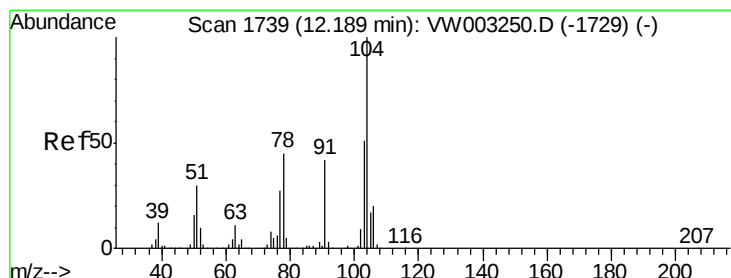
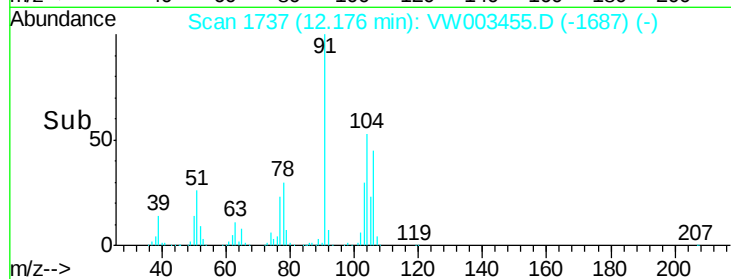
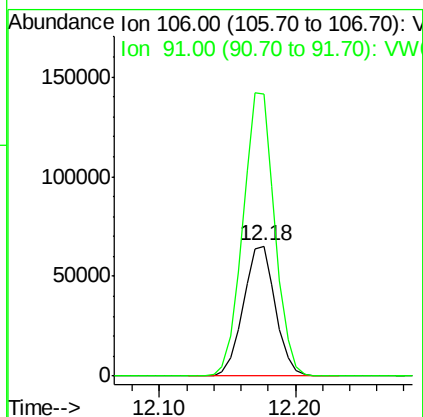
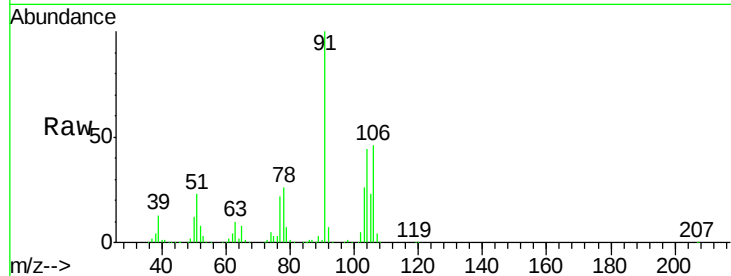
#69
o-Xylene
Concen: 21.54 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.2	108.6	325.6

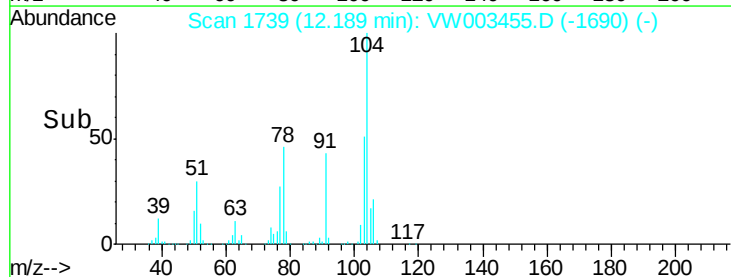
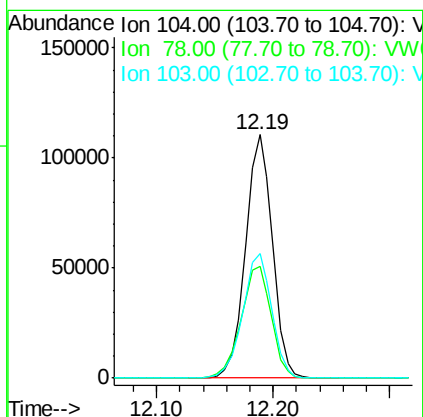
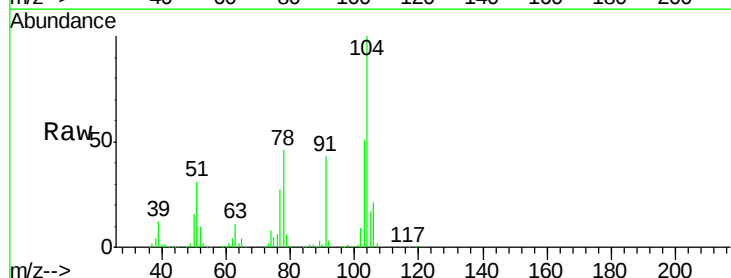
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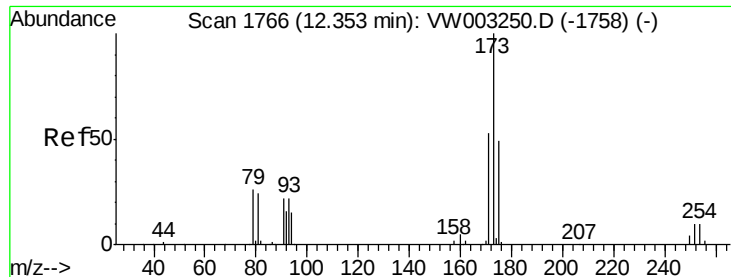
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#70
Styrene
Concen: 21.49 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.3	61.9
103	55.4	45.0	67.4





#71

Bromoform

Concen: 20.00 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion:173 Resp: 29037

Ion Ratio Lower Upper

173 100

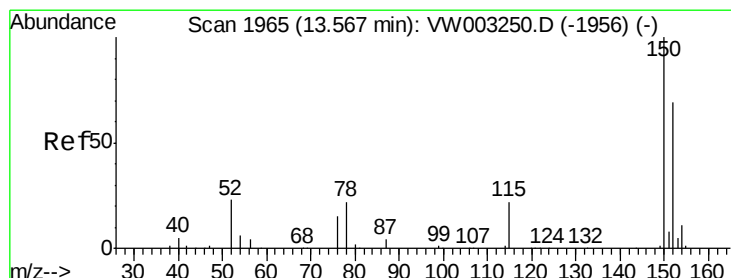
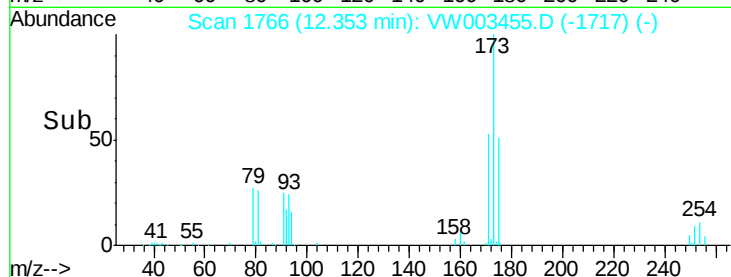
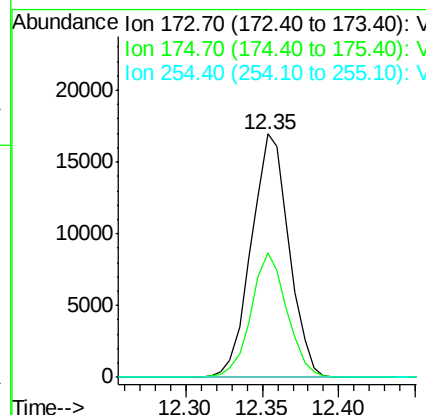
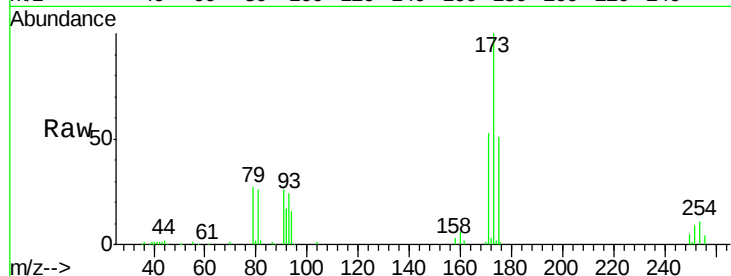
175 48.5 24.4 73.4

254 0.0 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

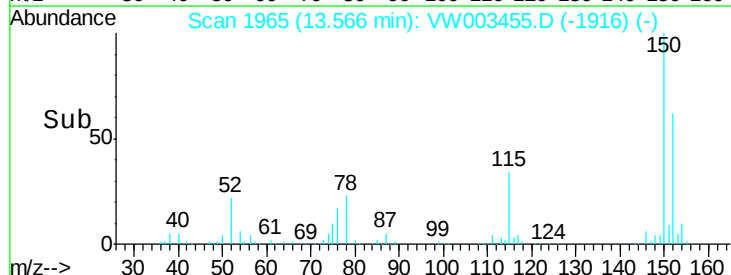
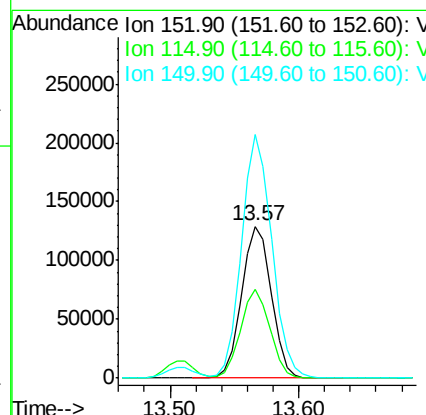
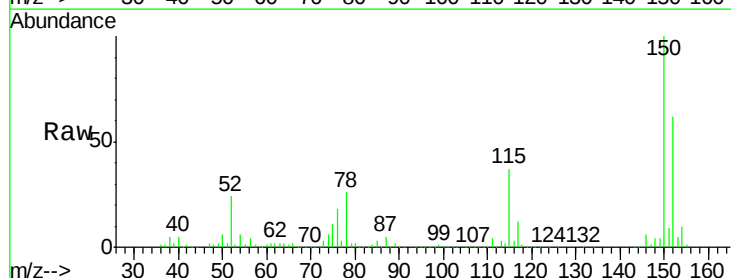
Tgt Ion:152 Resp: 205106

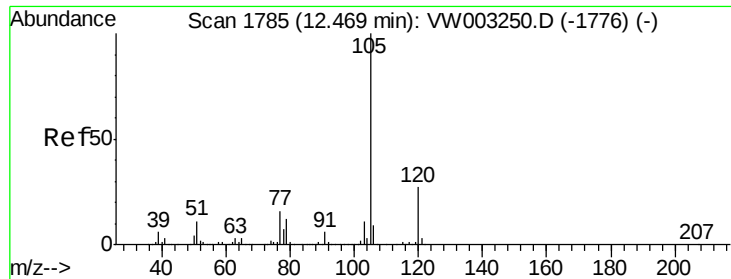
Ion Ratio Lower Upper

152 100

115 58.0 29.3 88.0

150 163.9 0.0 349.6





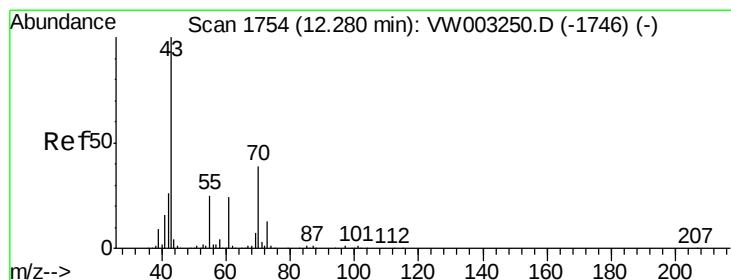
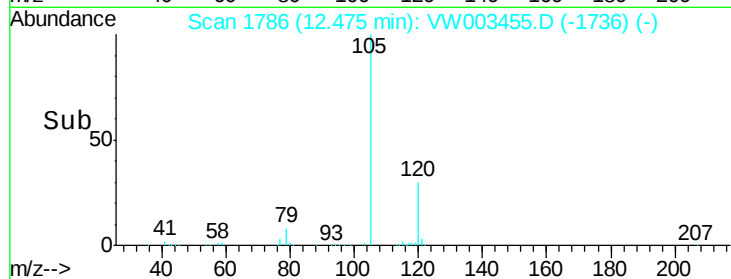
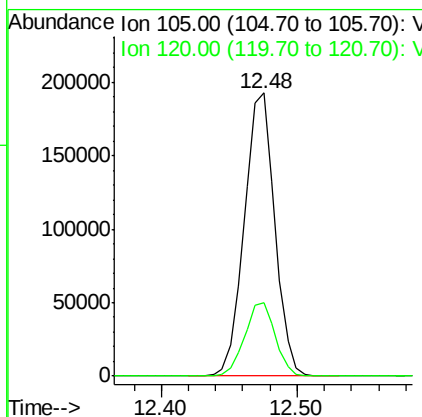
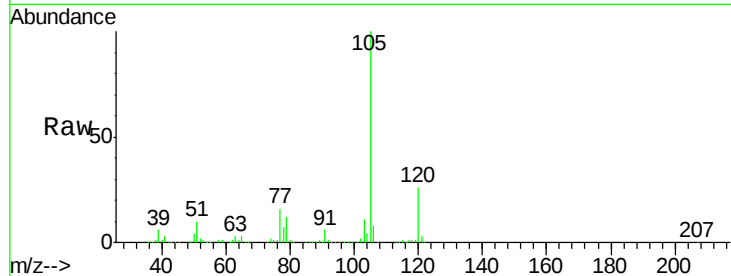
#73
Isopropylbenzene
Concen: 21.13 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.6

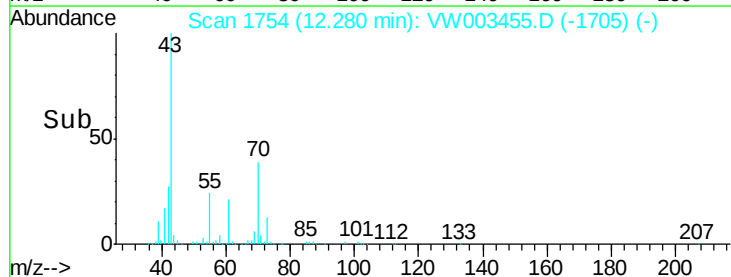
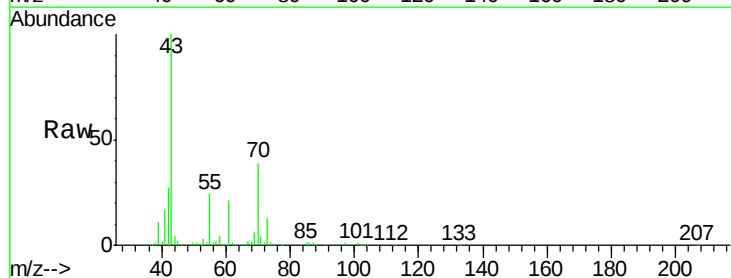
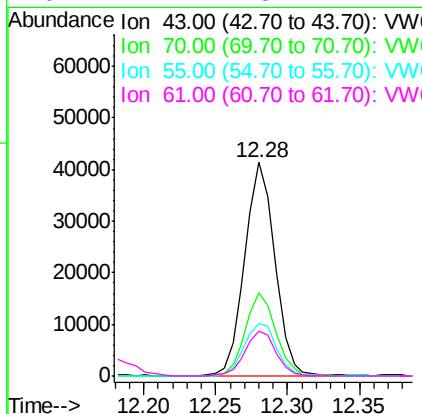
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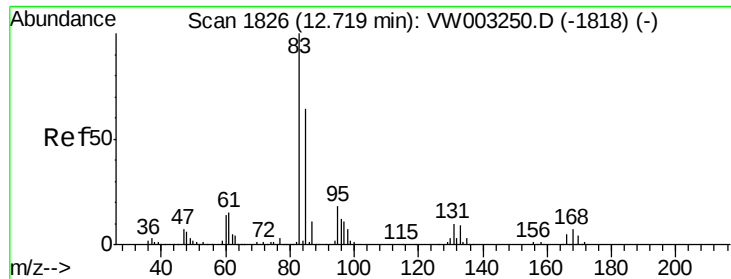
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#74
N-ethyl acetate
Concen: 18.45 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.5	31.0	46.6
55	26.7	19.7	29.5
61	21.7	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.16 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

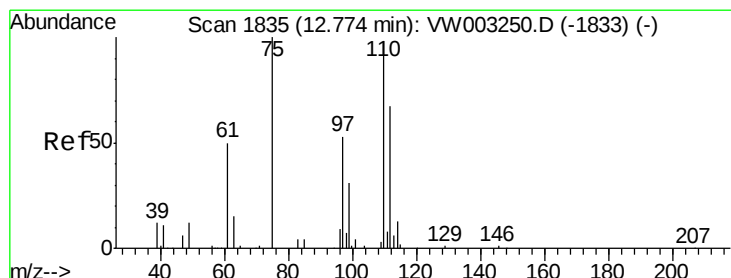
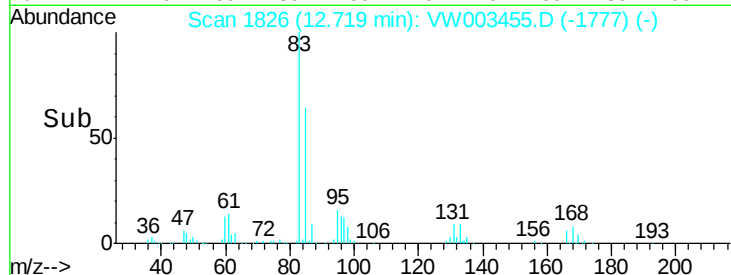
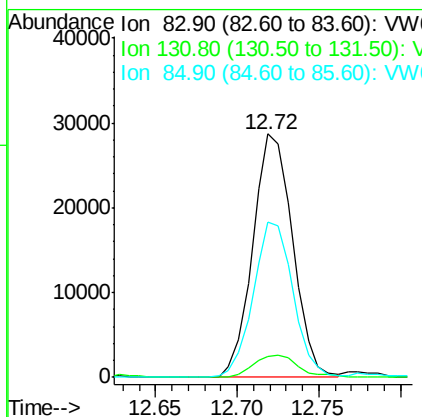
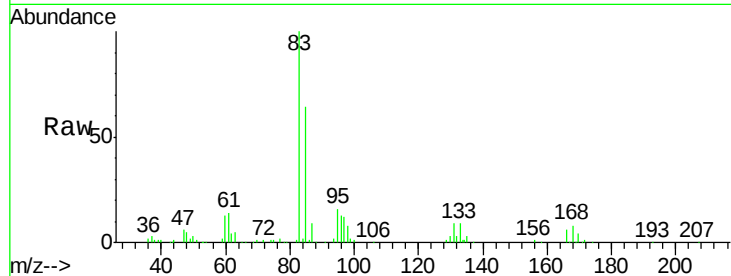
ClientSampleId :

VW0623SBS01

Tot Ion:	83	Resp:	48667
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.4	16.2
85	63.7	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 19.64 ug/l m

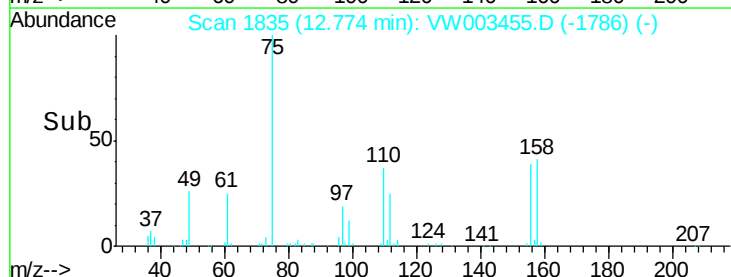
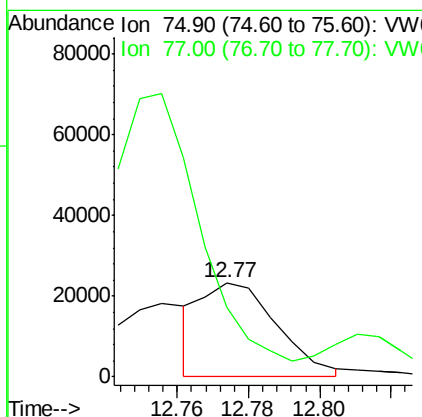
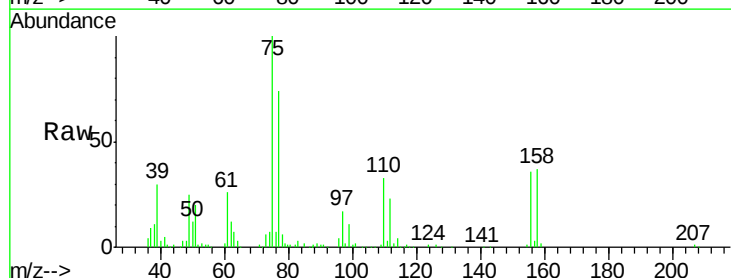
RT: 12.77 min Scan# 1835

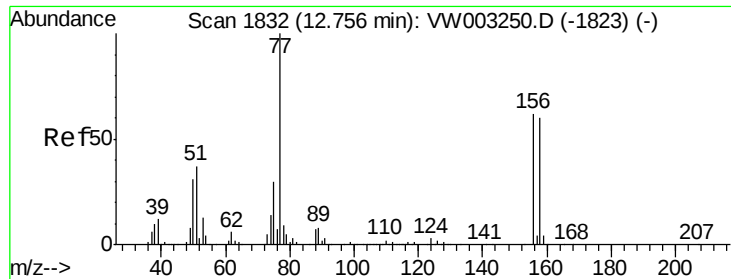
Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Tgt Ion:	75	Resp:	34437
Ion Ratio	Lower	Upper	
75	100		
77	376.2	0.0	0.0#





#77

Bromobenzene

Concen: 21.36 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

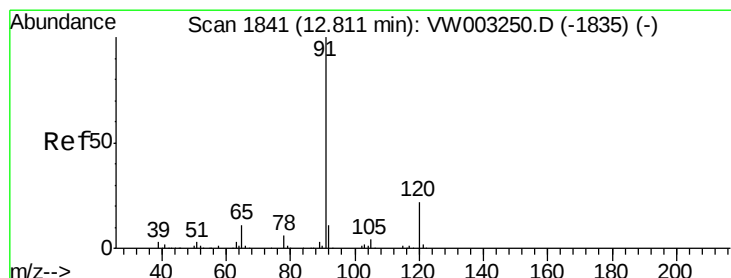
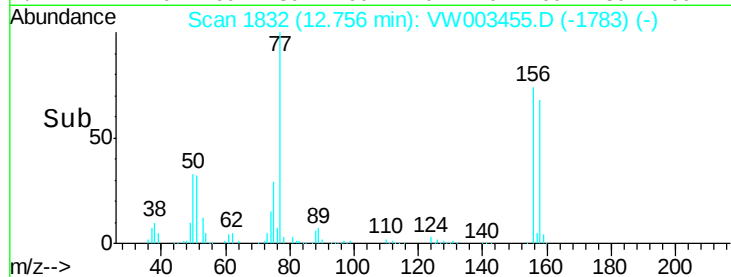
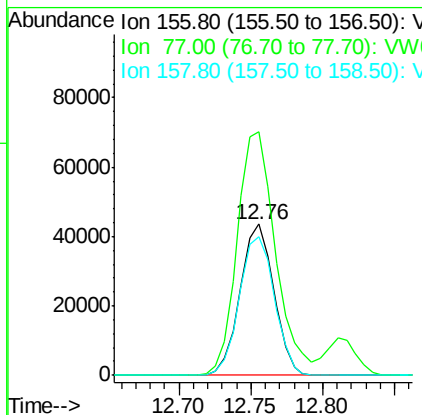
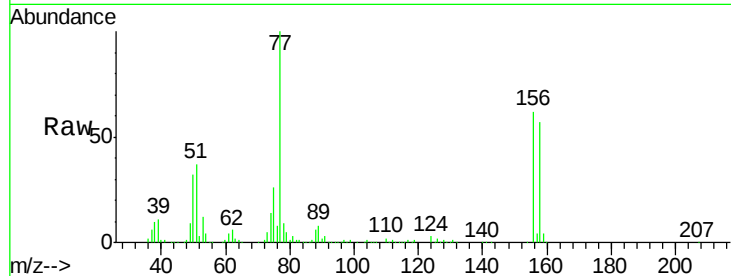
ClientSampleId :

VW0623SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	182.5	92.3	276.9	
158	95.0	47.5	142.6	

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#78

n-propylbenzene

Concen: 21.65 ug/l

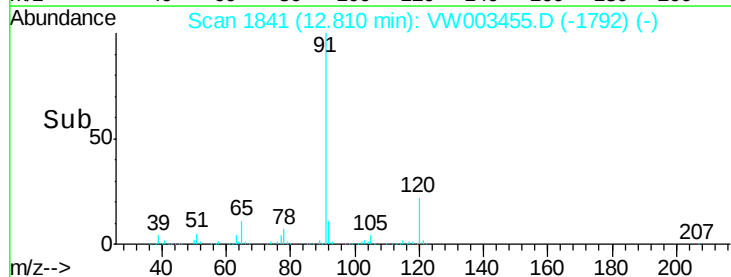
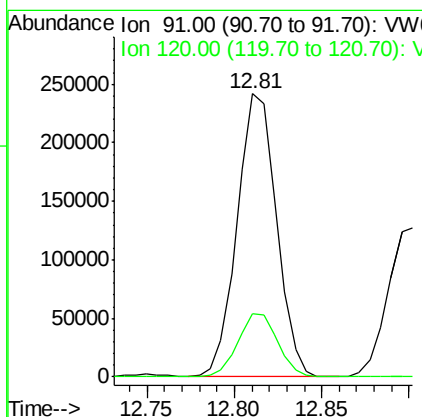
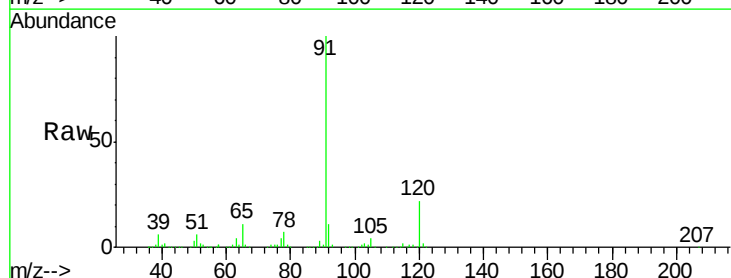
RT: 12.81 min Scan# 1841

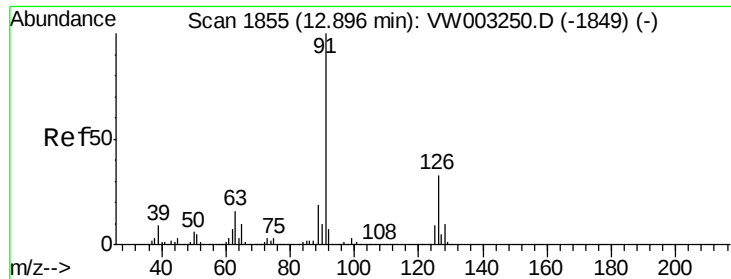
Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.4	11.3	33.8	





#79

2-Chlorotoluene

Concen: 21.26 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

Tot Ion: 91 Resp: 209854

Ion Ratio Lower Upper

91 100

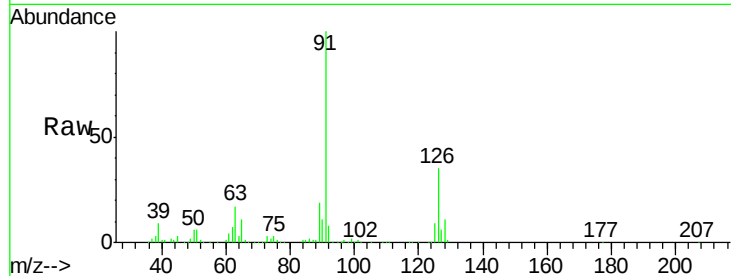
126 33.8 16.8 50.4

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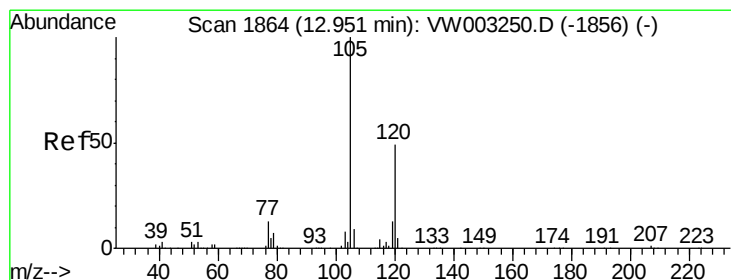
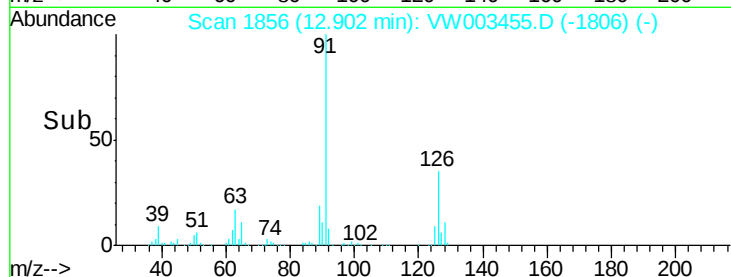
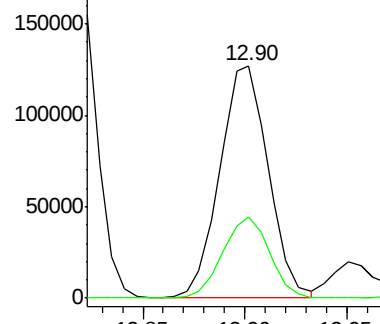
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.88 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003455.D

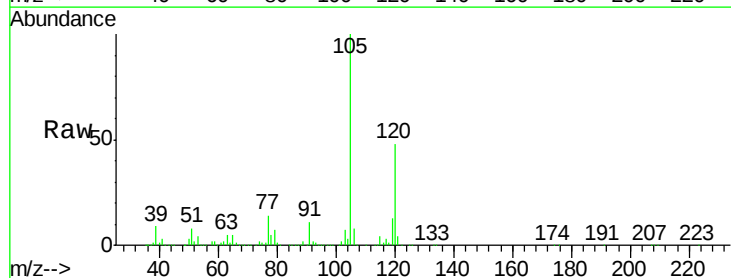
Acq: 23 Jun 2018 13:02

Tgt Ion:105 Resp: 261972

Ion Ratio Lower Upper

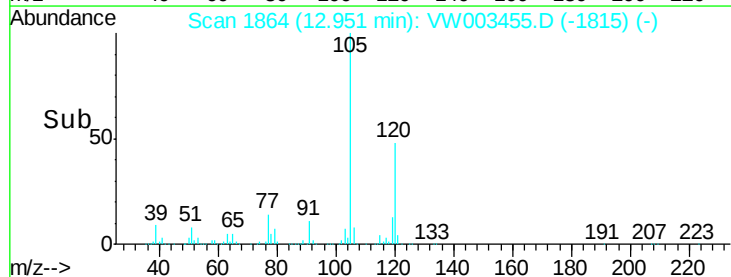
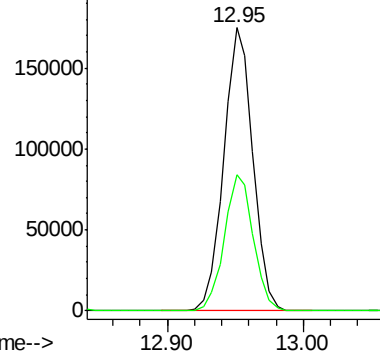
105 100

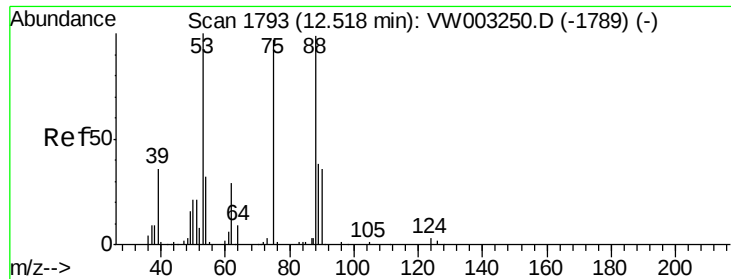
120 48.0 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





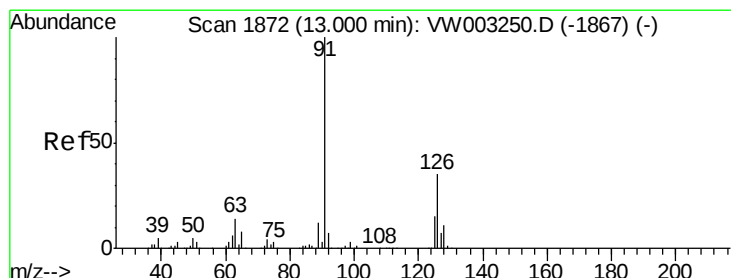
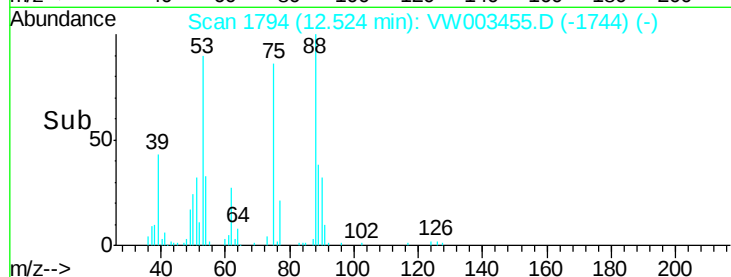
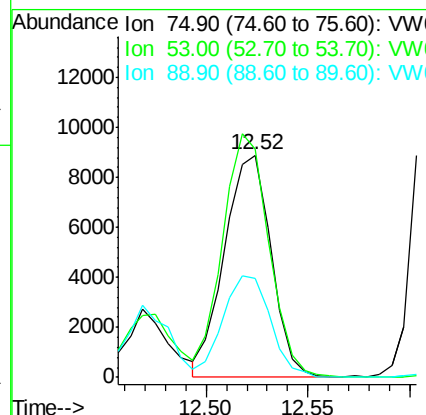
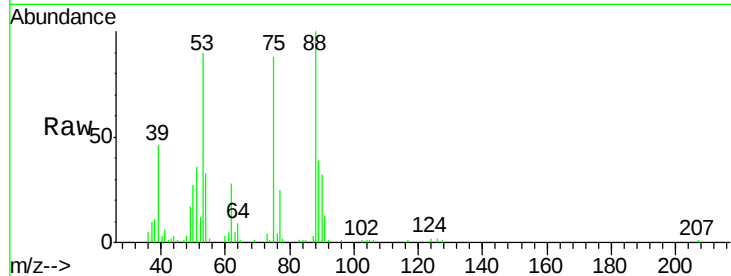
#81
trans-1,4-Dichloro-2-butene
Concen: 18.54 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.6	82.9	124.3
89	46.6	36.7	55.1

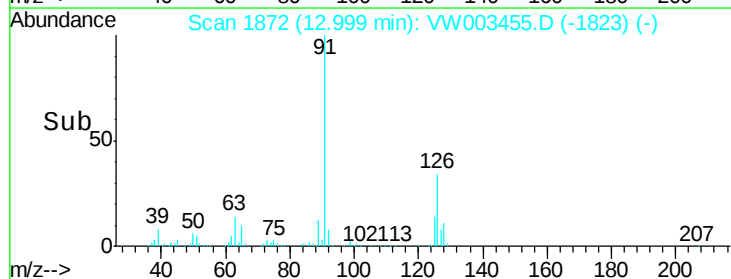
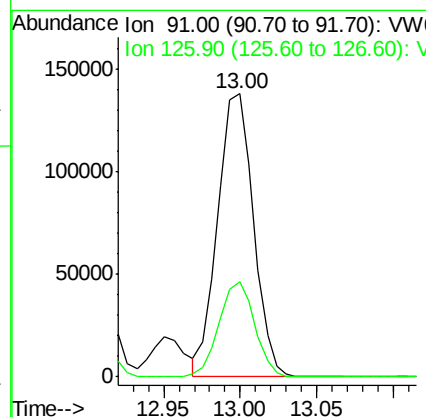
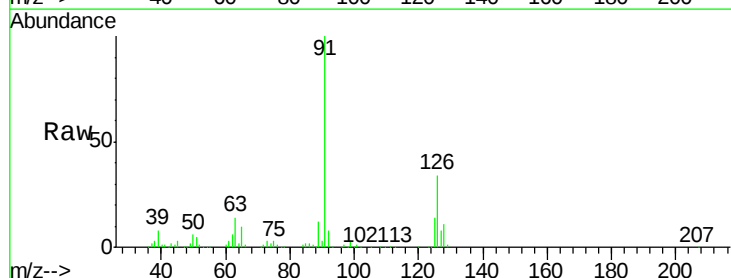
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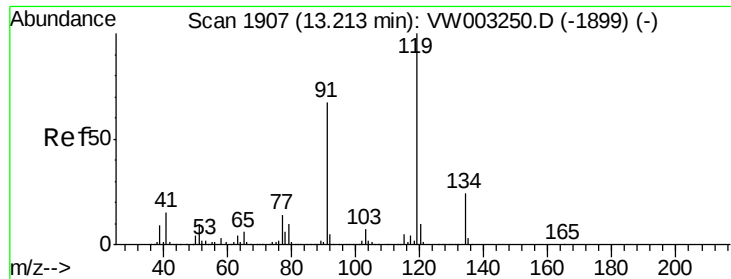
apatel
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#82
4-Chlorotoluene
Concen: 21.48 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.8	50.3





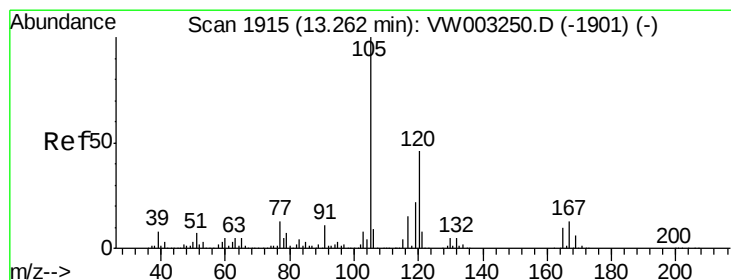
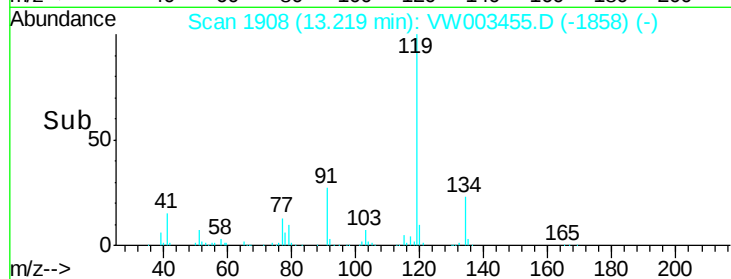
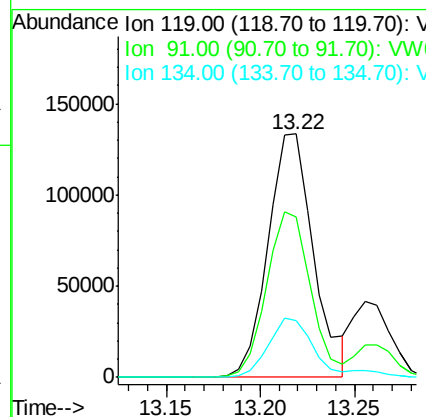
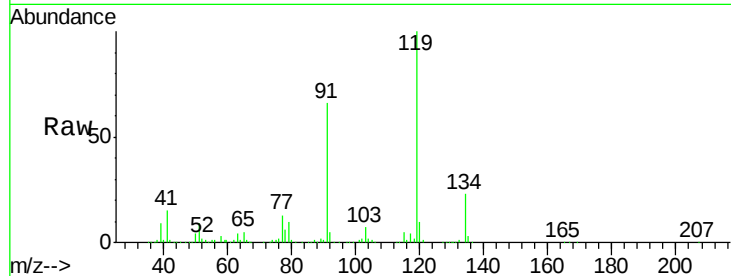
#83
tert-Butylbenzene
Concen: 21.94 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. 0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	223937		
91	65.9	33.9	101.7	
134	25.5	13.4	40.1	

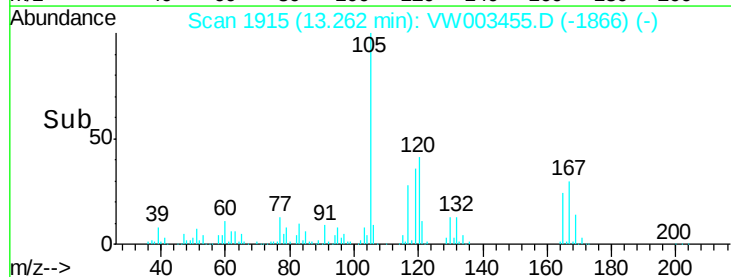
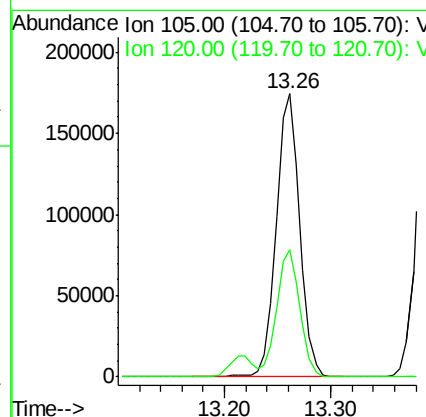
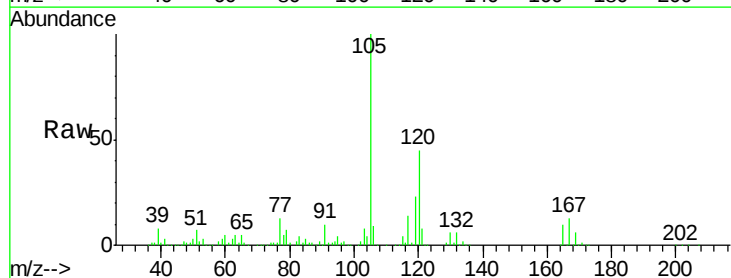
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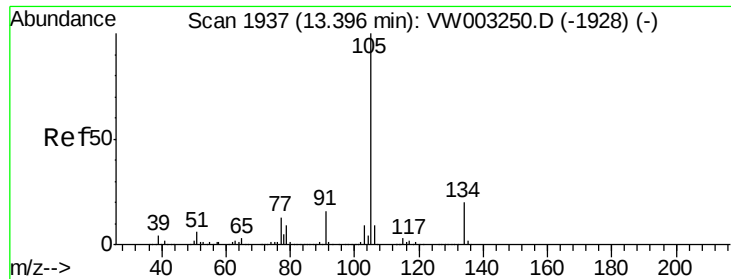
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#84
1,2,4-Trimethylbenzene
Concen: 21.71 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267378		
120	44.4	22.5	67.5	





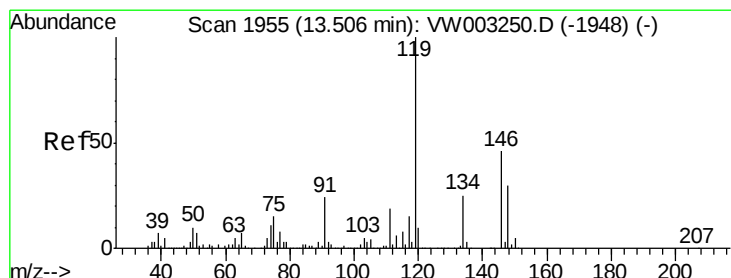
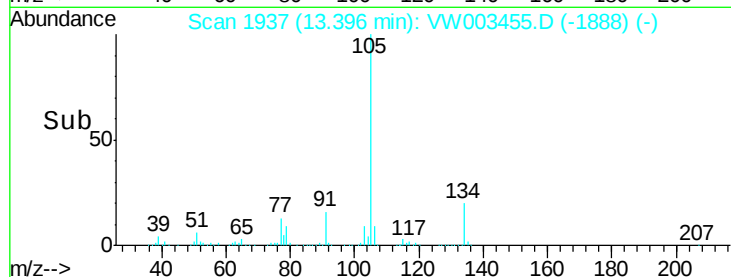
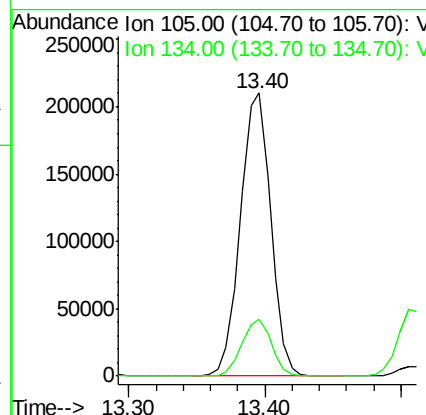
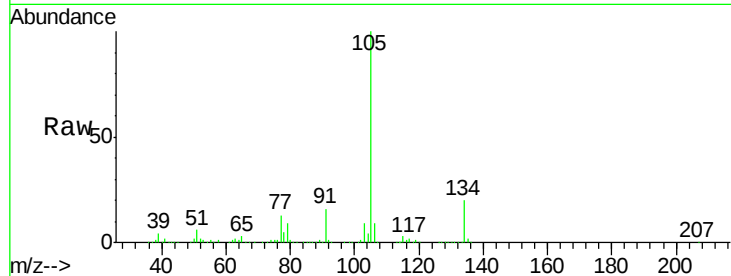
#85
 sec-Butylbenzene
 Concen: 21.60 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

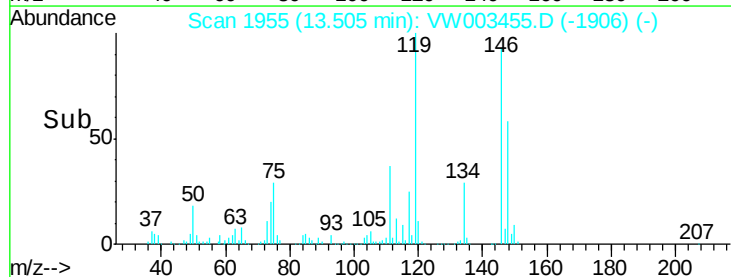
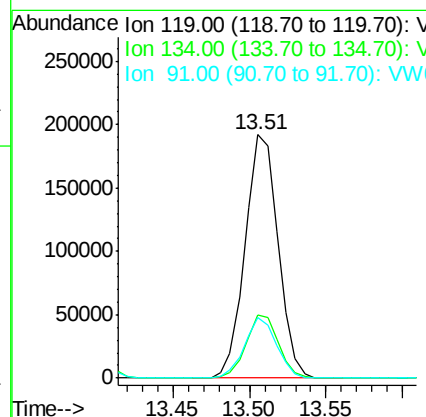
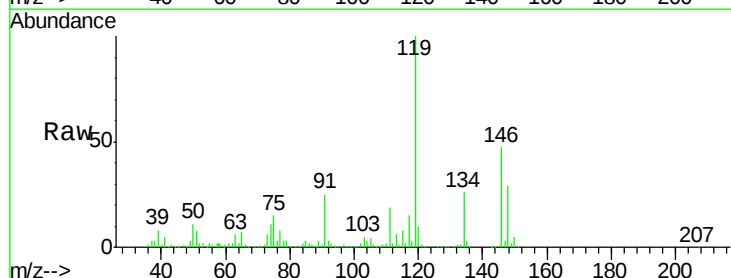
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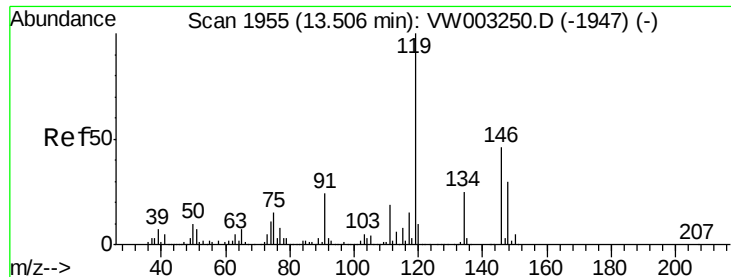
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#86
 p-Isopropyltoluene
 Concen: 21.50 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	24.1	11.8	35.3





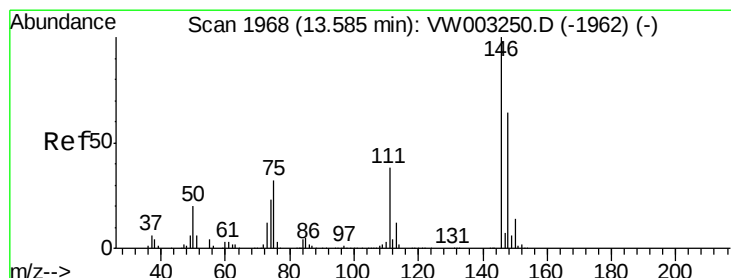
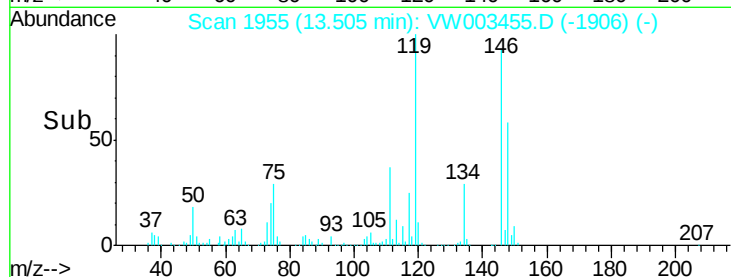
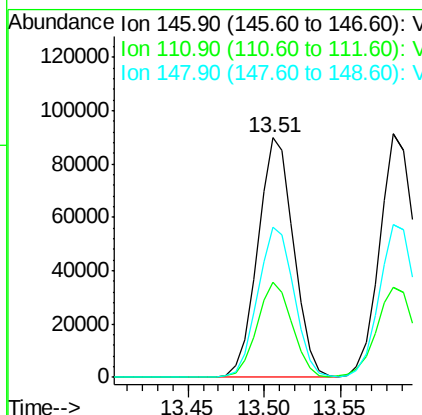
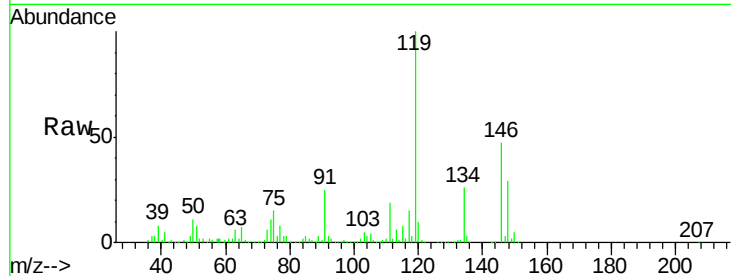
#87
 1,3-Dichlorobenzene
 Concen: 21.43 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.4
148	63.4	32.1	96.5

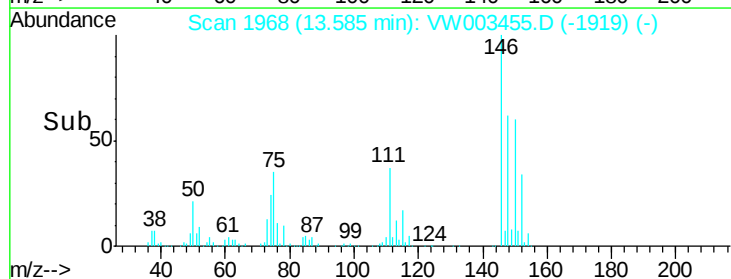
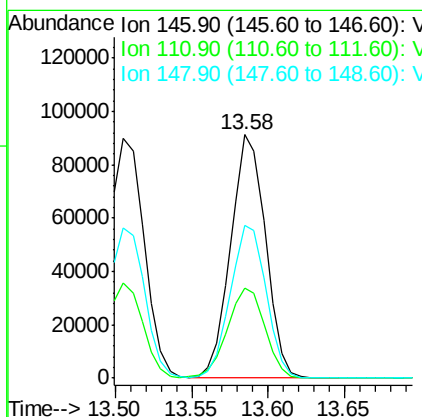
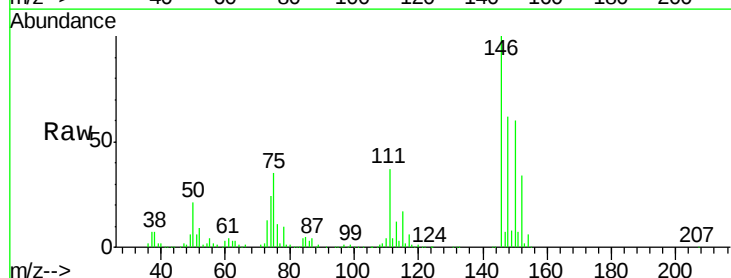
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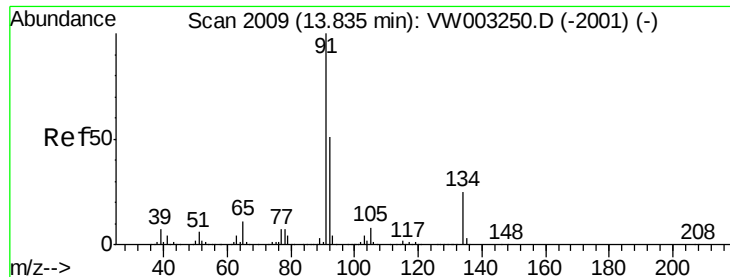
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#88
 1,4-Dichlorobenzene
 Concen: 21.27 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.2	57.6
148	64.5	31.8	95.4





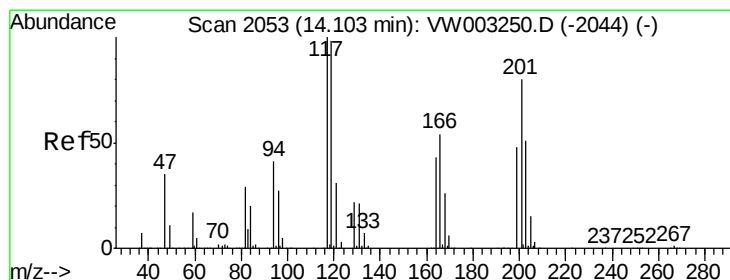
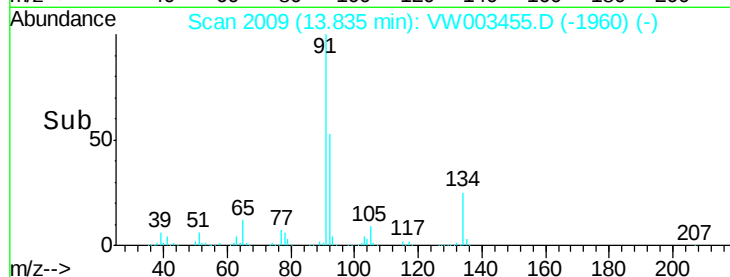
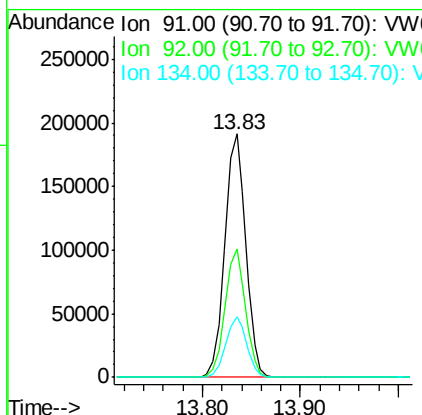
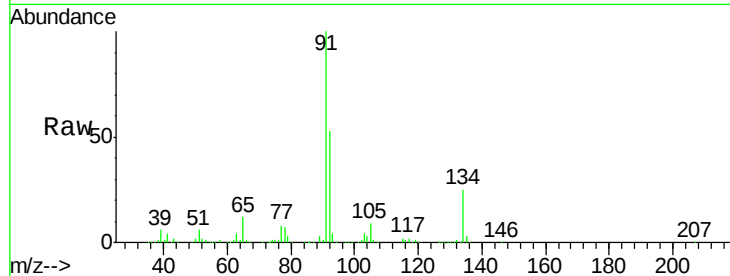
#89
n-Butylbenzene
Concen: 21.72 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	24.8	12.7	38.0

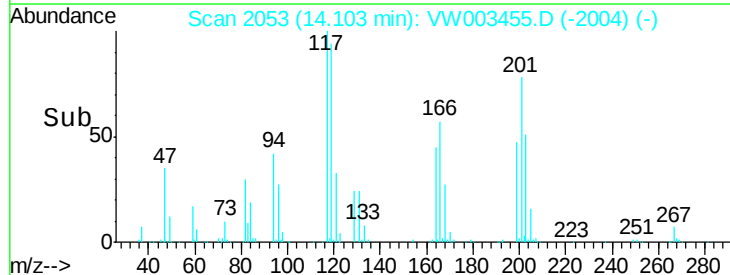
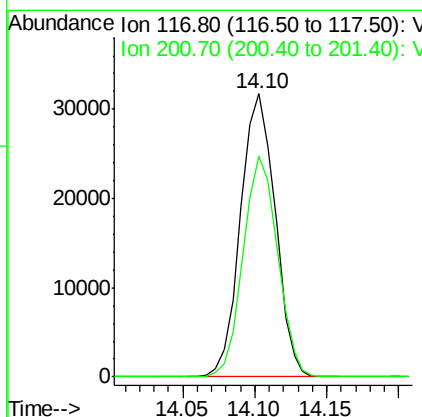
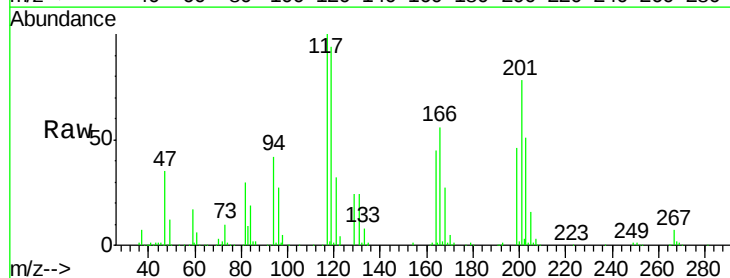
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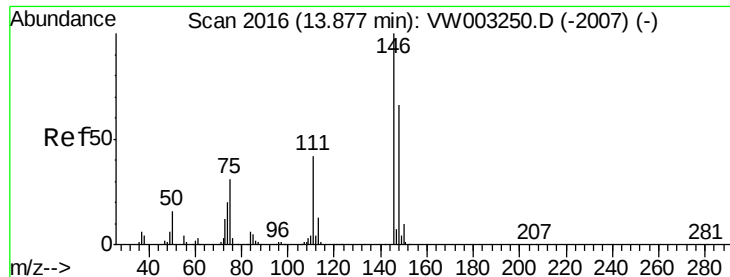
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#90
Hexachloroethane
Concen: 21.94 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	39.5	118.5





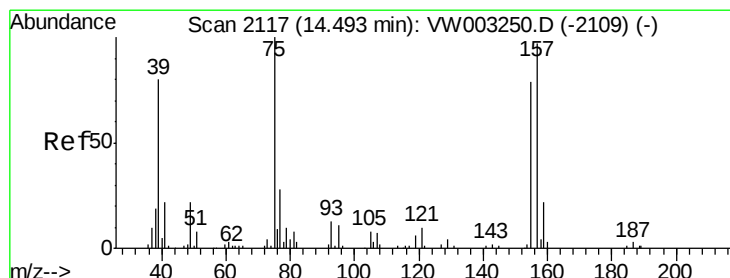
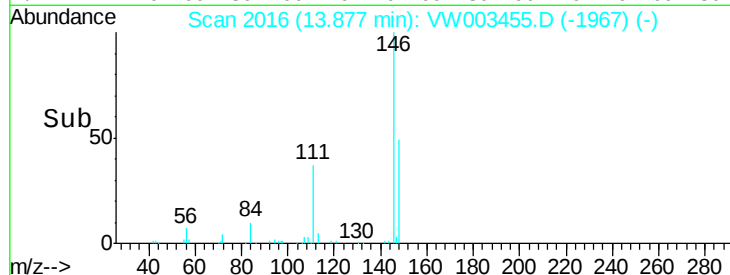
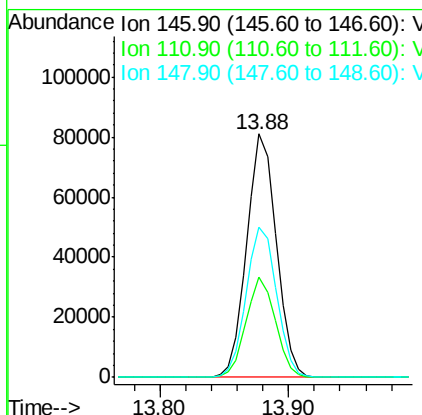
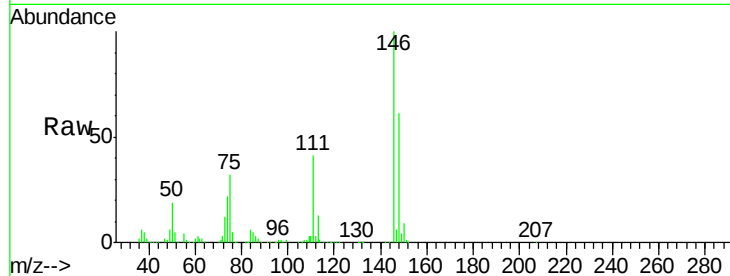
#91
 1,2-Dichlorobenzene
 Concen: 21.51 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	61.0
148	63.2	32.3	96.9

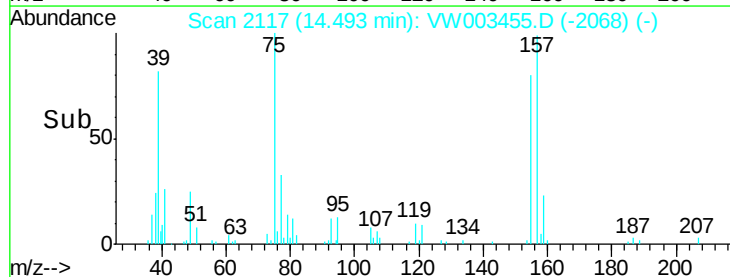
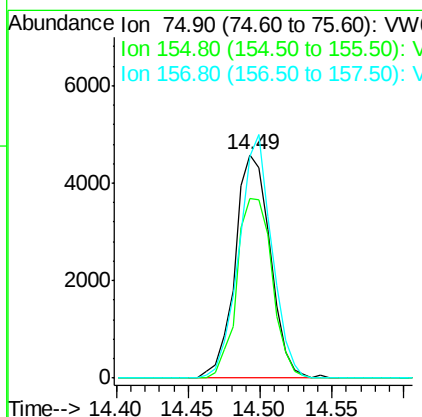
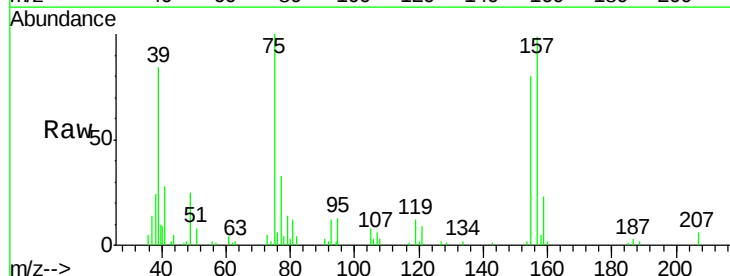
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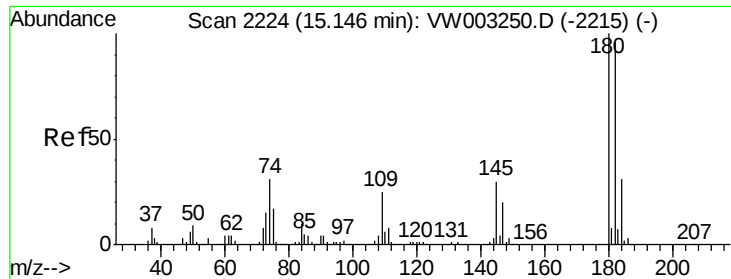
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.17 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	39.4	118.2
157	101.0	51.5	154.5





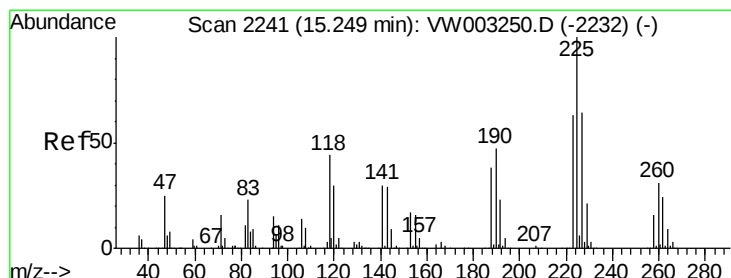
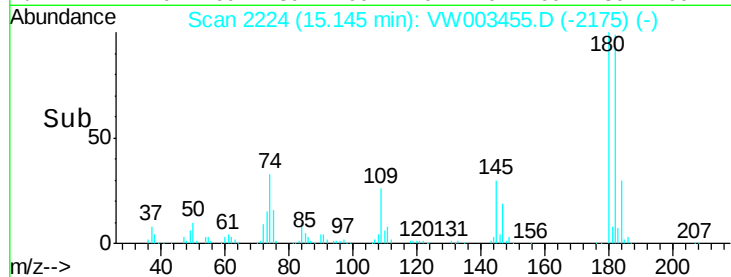
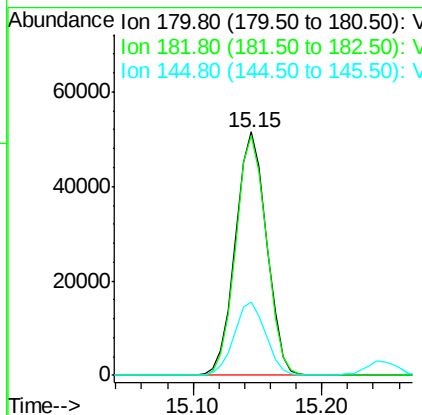
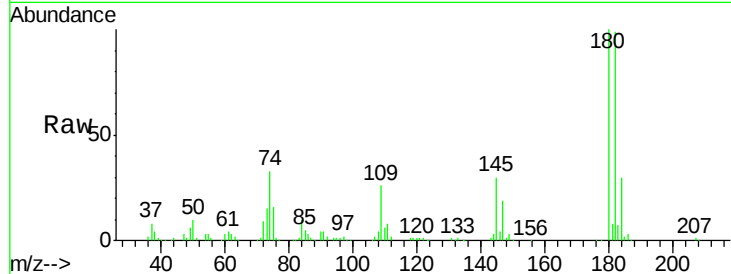
#93
 1,2,4-Trichlorobenzene
 Concen: 20.57 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampled :
 VW0623SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.9	143.6
145	30.5	15.2	45.5

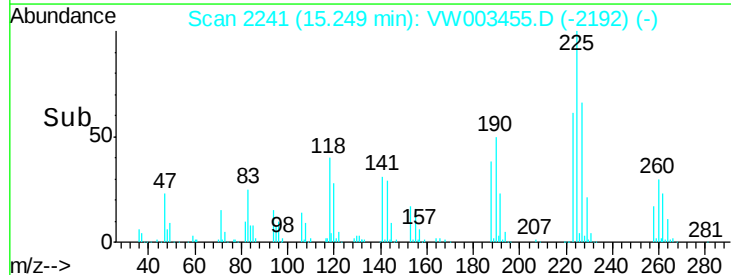
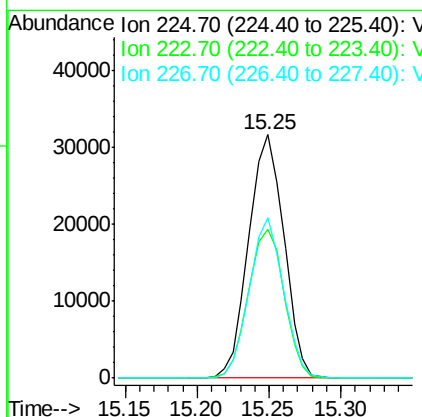
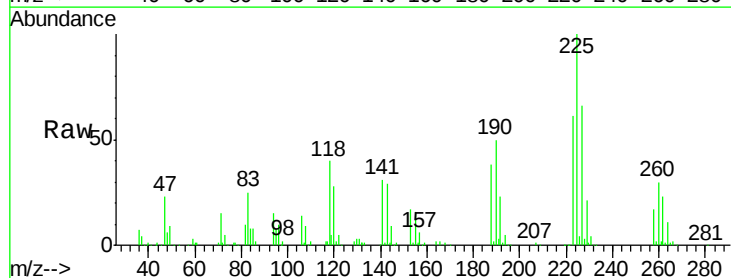
Manual Integrations
 APPROVED

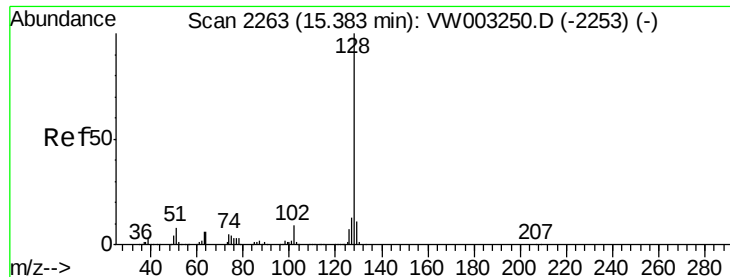
apatel
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#94
 Hexachlorobutadiene
 Concen: 21.32 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.6	92.0
227	63.4	31.7	95.1





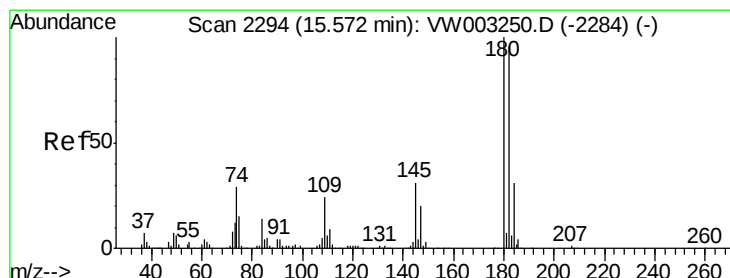
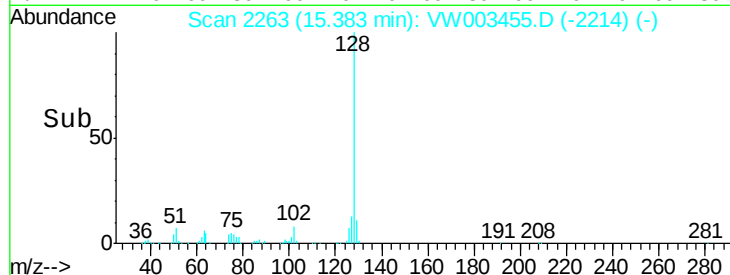
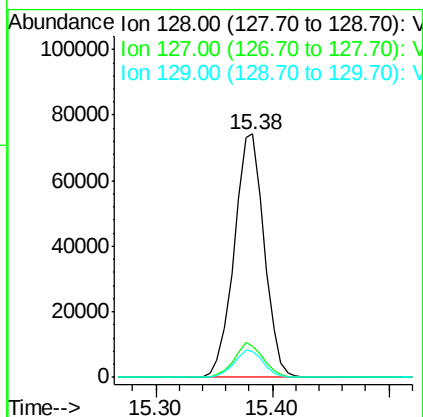
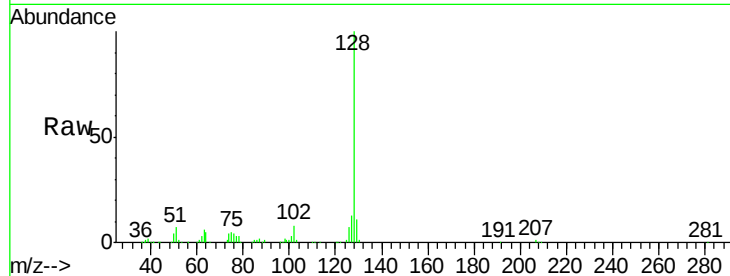
#95
Naphthalene
Concen: 18.71 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
APPROVED

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6/25/2018 6:58:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.07 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	32.4	15.8	47.4

