

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003636.D
 Acq On : 28 Jun 2018 14:14
 Operator : SY/AP
 Sample : J3709-02MS
 Misc : 4.11G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS004-01MS

Manual Integrations
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 6/29/2018 10:22:07 AM

Quant Time: Jun 29 07:26:38 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	149831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	232072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	171547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	56987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104803	64.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.16%	
35) Dibromofluoromethane	7.88	113	87253	60.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.02%	
50) Toluene-d8	10.33	98	290274	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	74102	36.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24520m	54.13	ug/l	
3) Chloromethane	2.21	50	62907	54.96	ug/l	95
4) Vinyl Chloride	2.36	62	92313	55.33	ug/l	97
5) Bromomethane	2.78	94	56313	50.78	ug/l	93
6) Chloroethane	2.92	64	57914	49.87	ug/l	98
7) Trichlorofluoromethane	3.25	101	50106	50.13	ug/l	100
8) Diethyl Ether	3.68	74	45717	62.26	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	62625	45.12	ug/l	100
10) Methyl Iodide	4.26	142	114843	54.71	ug/l	99
11) Tert butyl alcohol	5.24	59	29445	338.30	ug/l	98
12) 1,1-Dichloroethene	4.03	96	72814	53.68	ug/l	97
13) Acrolein	3.90	56	8795	70.68	ug/l	95
14) Allyl chloride	4.66	41	137259	58.42	ug/l	99
15) Acrylonitrile	5.38	53	105357	348.75	ug/l	99
16) Acetone	4.15	43	133518	392.27	ug/l	99
17) Carbon Disulfide	4.37	76	198680	49.55	ug/l	100
18) Methyl Acetate	4.68	43	125650	155.61	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	173992	68.49	ug/l	98
20) Methylene Chloride	4.91	84	93706	65.98	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	81983	55.54	ug/l	98
22) Diisopropyl ether	6.31	45	297772	62.98	ug/l	98
23) Vinyl Acetate	6.26	43	482837m	177.20	ug/l	
24) 1,1-Dichloroethane	6.21	63	165335	58.90	ug/l	98
25) 2-Butanone	7.19	43	148979	351.99	ug/l	98
26) 2,2-Dichloropropane	7.17	77	99292	53.00	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	91419	56.38	ug/l	98
28) Bromochloromethane	7.51	49	78310	67.04	ug/l	97
29) Tetrahydrofuran	7.54	42	93225	360.40	ug/l	98
30) Chloroform	7.68	83	164765	57.61	ug/l	98
31) Cyclohexane	7.96	56	91216	34.78	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	124329	52.67	ug/l	99
36) 1,1-Dichloropropene	8.09	75	110010	49.09	ug/l	99
37) Ethyl Acetate	7.26	43	51715	55.70	ug/l	100
38) Carbon Tetrachloride	8.07	117	105668	48.07	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62950	24.27	ug/l	96
40) Benzene	8.32	78	341860	55.34	ug/l	100
41) Methacrylonitrile	7.49	41	34968	61.37	ug/l	92
42) 1,2-Dichloroethane	8.40	62	122025	63.05	ug/l	98
43) Isopropyl Acetate	8.43	43	110611	60.00	ug/l	99
44) Trichloroethene	9.10	130	79170	48.36	ug/l	98
45) 1,2-Dichloropropane	9.37	63	91643	58.26	ug/l	100
46) Dibromomethane	9.46	93	48607	60.36	ug/l	98
47) Bromodichloromethane	9.65	83	116088	56.24	ug/l	99
48) Methyl methacrylate	9.44	41	69306	79.99	ug/l	93
49) 1,4-Dioxane	9.49	88	15575	1280.91	ug/l	79
51) 4-Methyl-2-Pentanone	10.22	43	330535	351.85	ug/l	100
52) Toluene	10.39	92	189864	47.93	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	117314	55.63	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	134494	56.04	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	67355	59.35	ug/l	98
56) Ethyl methacrylate	10.65	69	77646	56.35	ug/l	96
57) 1,3-Dichloropropane	10.94	76	117537	60.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	202739	328.20	ug/l	99
59) 2-Hexanone	10.98	43	223489	340.54	ug/l	99
60) Dibromochloromethane	11.13	129	71719	53.14	ug/l	100
61) 1,2-Dibromoethane	11.24	107	61427	57.23	ug/l	99
64) Tetrachloroethene	10.87	164	50153	43.71	ug/l	98
65) Chlorobenzene	11.66	112	177964	49.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	71731	57.14	ug/l	99
67) Ethyl Benzene	11.74	91	301731	47.65	ug/l	99
68) m/p-Xylenes	11.85	106	225525	93.69	ug/l	99
69) o-Xylene	12.17	106	106287	47.64	ug/l	99
70) Styrene	12.19	104	175432	47.24	ug/l	100
71) Bromoform	12.35	173	40759	62.65	ug/l #	99
73) Isopropylbenzene	12.47	105	241359	60.89	ug/l	100
74) N-amyl acetate	12.28	43	60740	67.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	69813	104.11	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	52182m	107.11	ug/l	
77) Bromobenzene	12.76	156	61910	67.07	ug/l	86
78) n-propylbenzene	12.81	91	260733	53.72	ug/l	99
79) 2-Chlorotoluene	12.90	91	156423	57.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	177945	53.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	23342	110.25	ug/l	96
82) 4-Chlorotoluene	12.99	91	163322	56.13	ug/l	100
83) tert-Butylbenzene	13.21	119	138261	48.76	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	183139	53.51	ug/l	99
85) sec-Butylbenzene	13.40	105	169936	40.32	ug/l	99
86) p-Isopropyltoluene	13.51	119	148313	39.90	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	88496	46.67	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	89378	47.41	ug/l	99
89) n-Butylbenzene	13.83	91	112388	31.02	ug/l	98
90) Hexachloroethane	14.10	117	25694	38.21	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	80638	48.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10449	92.59	ug/l	97

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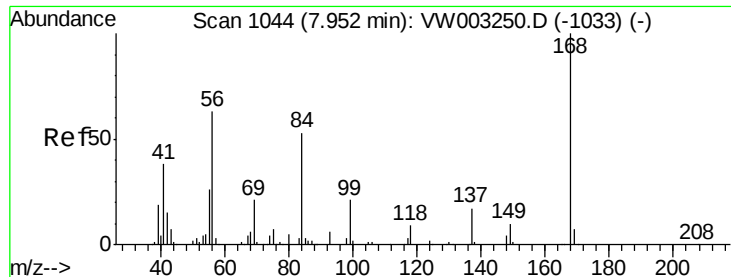
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	26905	23.07	ug/l	98
94) Hexachlorobutadiene	15.24	225	12612	17.98	ug/l	98
95) Naphthalene	15.38	128	71165	35.98	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	22326	21.75	ug/l	97

(#) = 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: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion:168 Resp: 149831

Ion Ratio Lower Upper

168 100

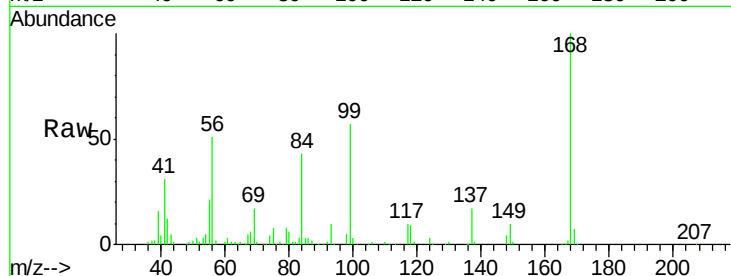
99 56.7 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

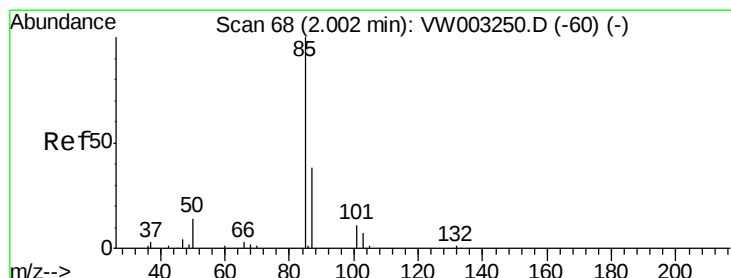
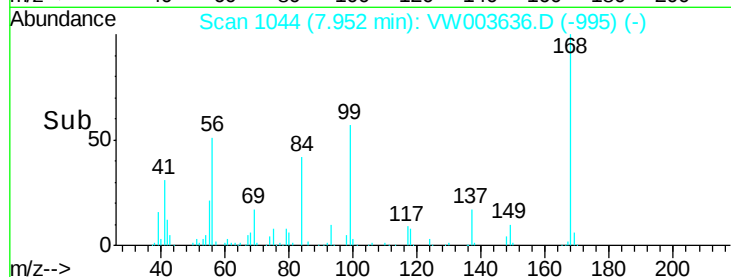
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 54.13 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003636.D

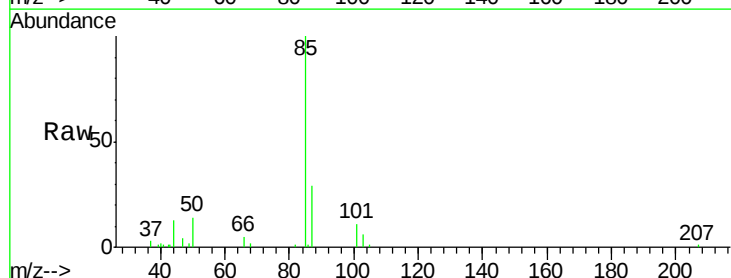
Acq: 28 Jun 2018 14:14

Tgt Ion: 85 Resp: 24520

Ion Ratio Lower Upper

85 100

87 29.0 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

8000

6000

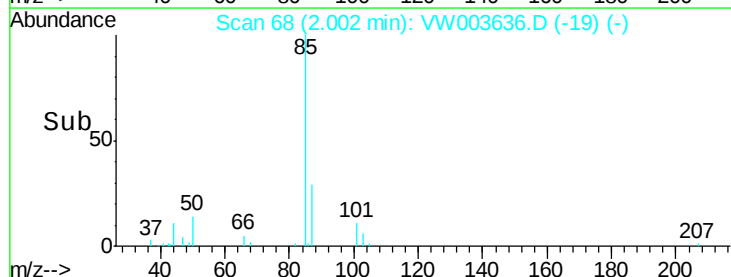
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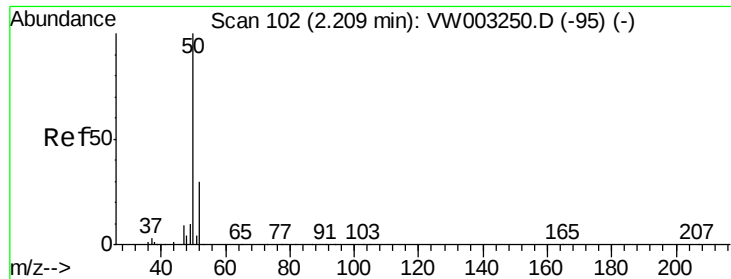
2000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 54.96 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion: 50 Resp: 62907

Ion Ratio Lower Upper

50 100

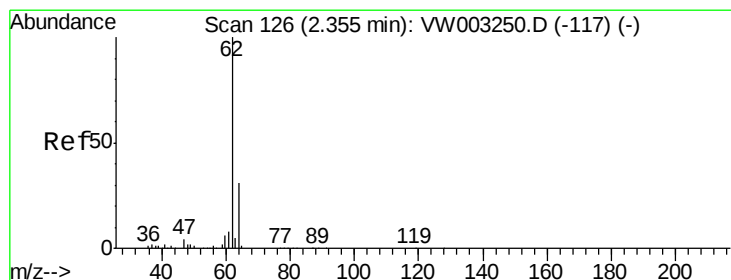
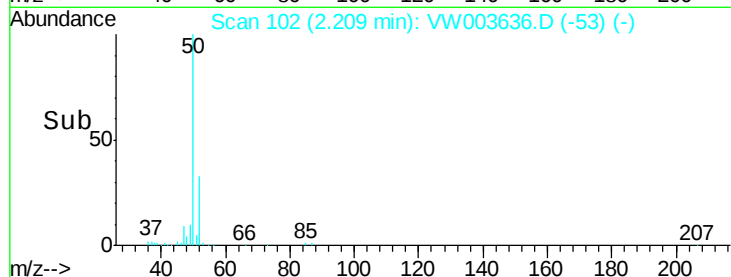
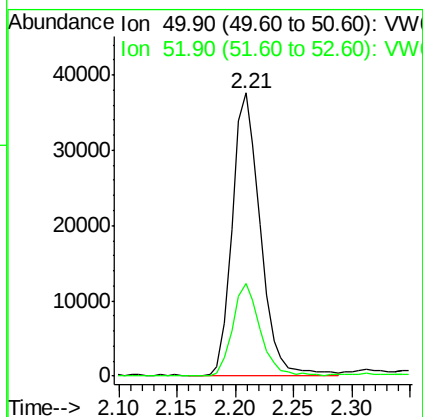
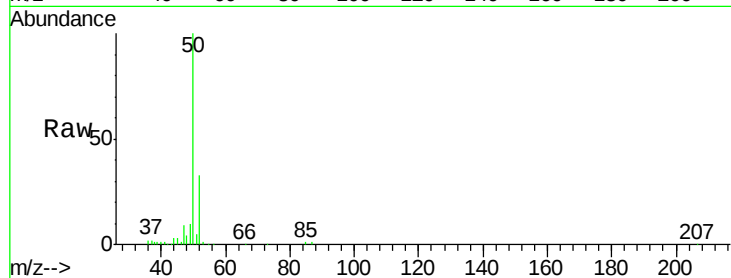
52 33.0 24.2 36.2

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#4

Vinyl Chloride

Concen: 55.33 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003636.D

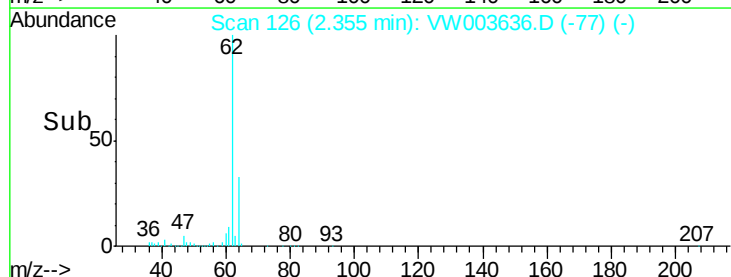
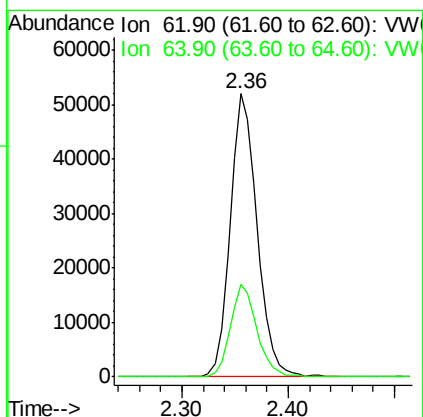
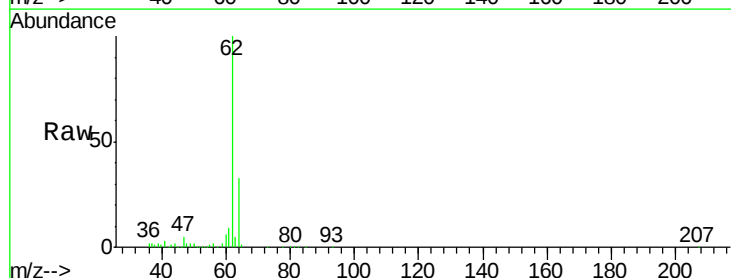
Acq: 28 Jun 2018 14:14

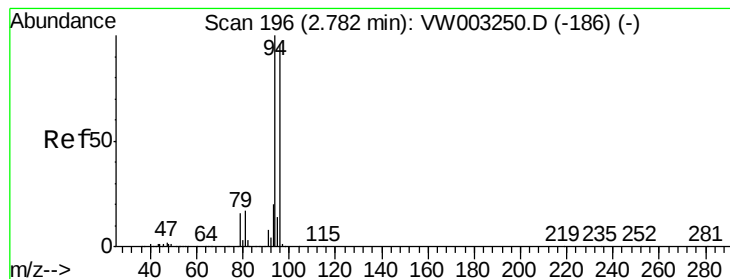
Tgt Ion: 62 Resp: 92313

Ion Ratio Lower Upper

62 100

64 32.5 24.9 37.3





#5

Bromomethane

Concen: 50.78 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion: 94 Resp: 56313

Ion Ratio Lower Upper

94 100

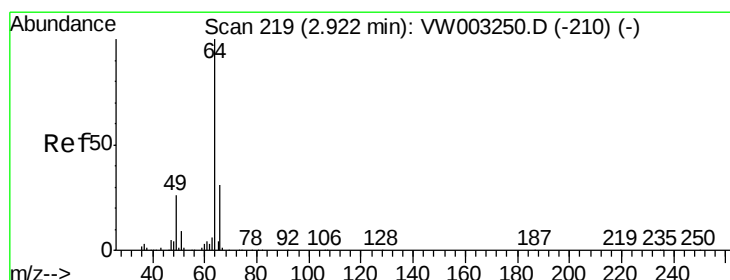
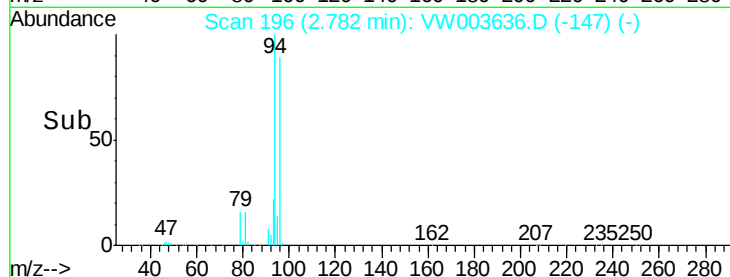
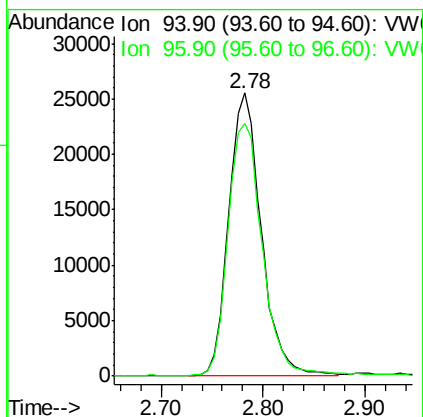
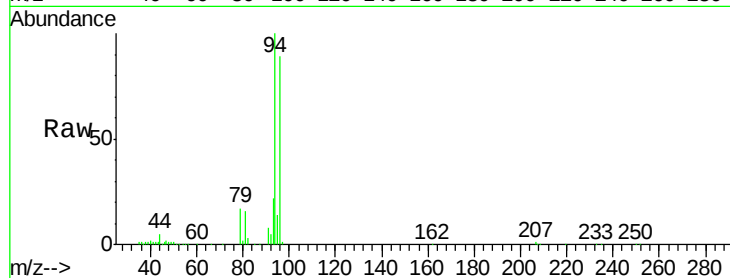
96 88.9 76.5 114.7

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#6

Chloroethane

Concen: 49.87 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003636.D

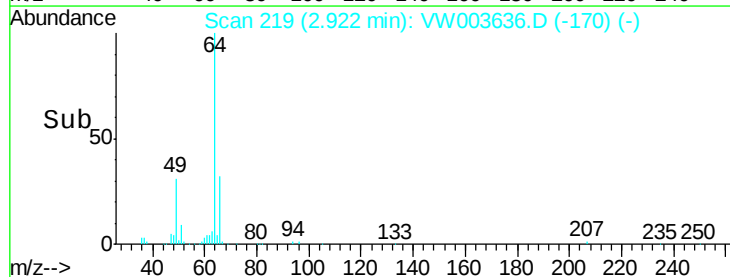
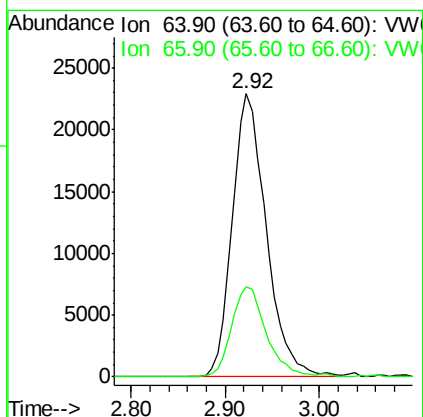
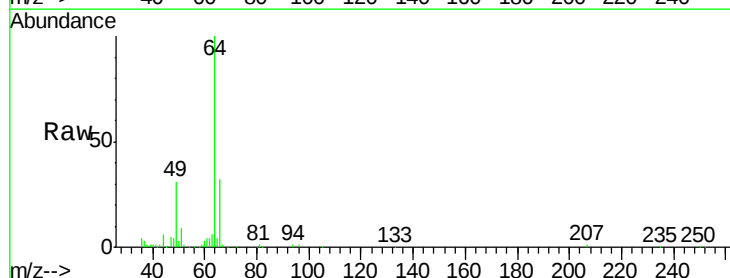
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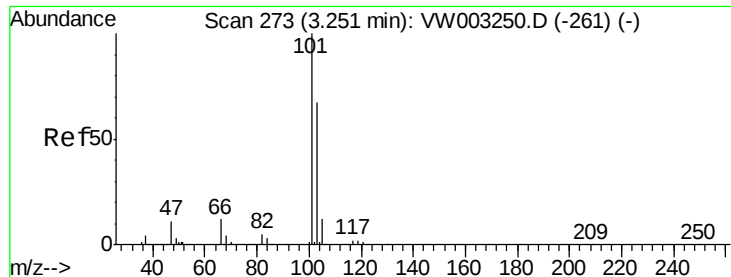
Tgt Ion: 64 Resp: 57914

Ion Ratio Lower Upper

64 100

66 31.8 24.4 36.6





#7

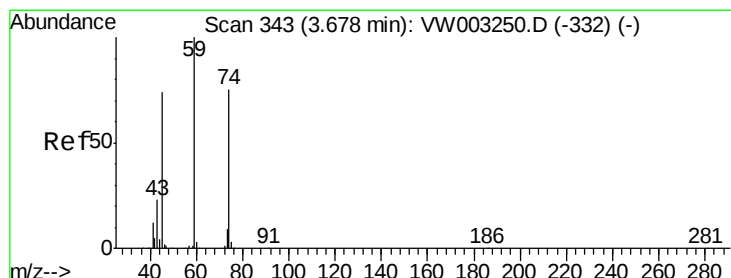
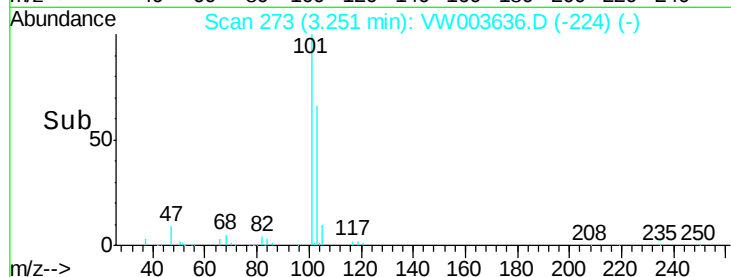
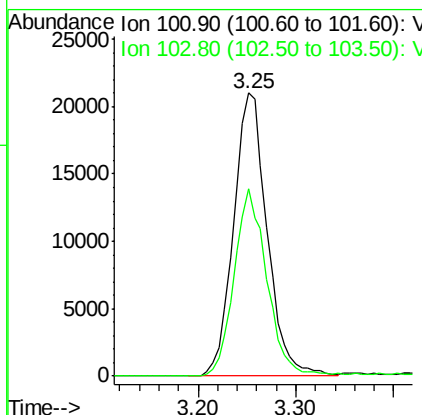
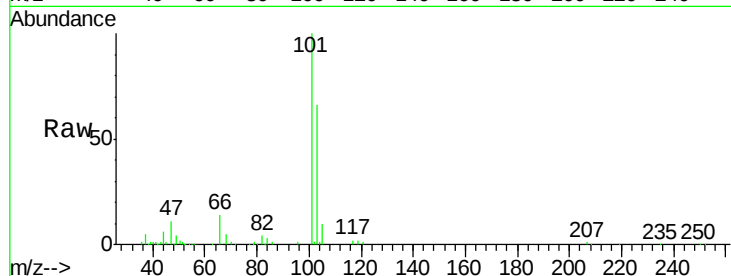
Trichlorofluoromethane
Concen: 50.13 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		50106		
103	66.4	53.4	80.0		

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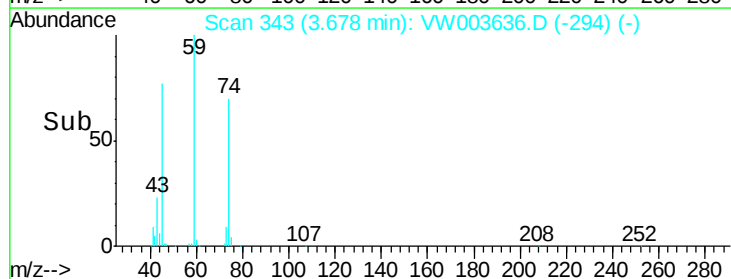
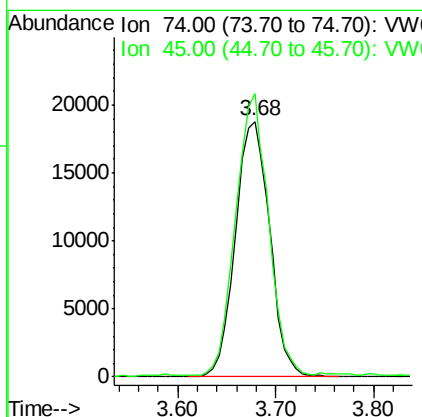
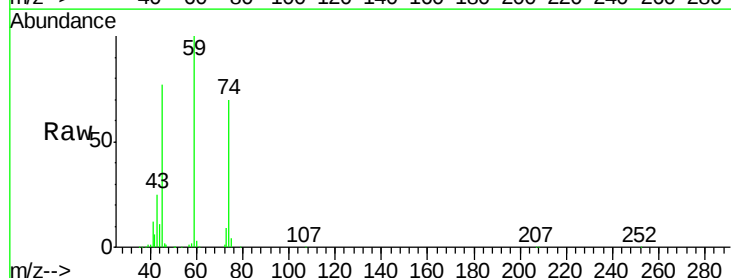
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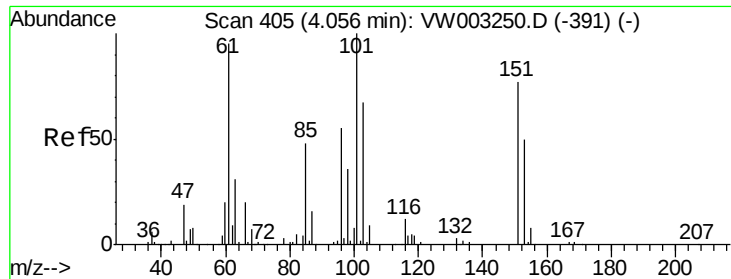


#8

Diethyl Ether
Concen: 62.26 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		45717		
45	106.0	51.4	154.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.12 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

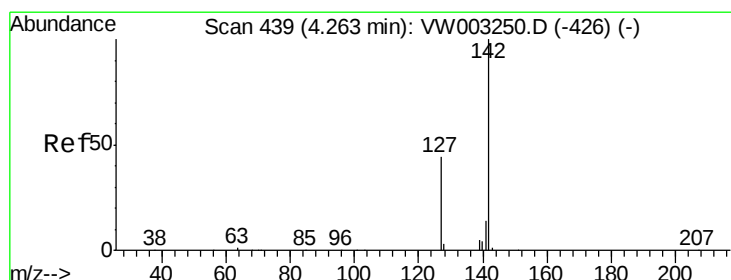
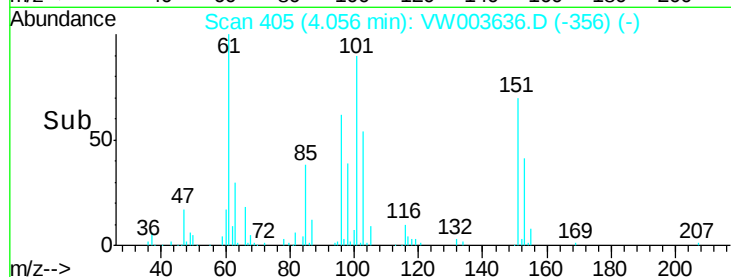
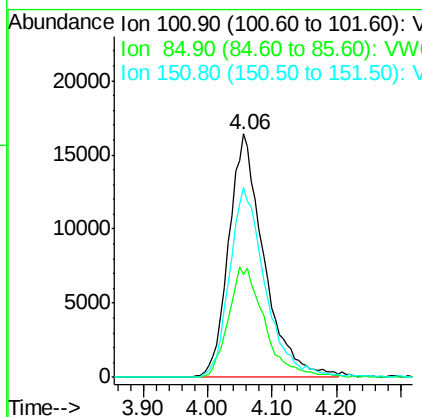
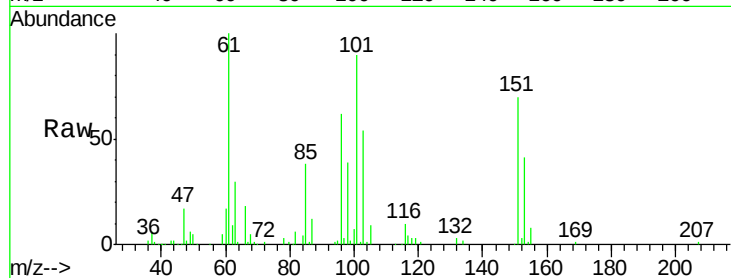
ClientSampleId :

EME-FW-TS004-01MS

Tot Ion:	101	Resp:	62625
Ion Ratio	Lower	Upper	
101	100		
85	46.2	37.0	55.6
151	78.8	63.3	94.9

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#10

Methyl Iodide

Concen: 54.71 ug/l

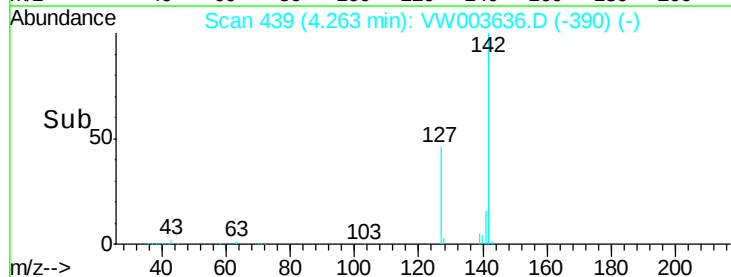
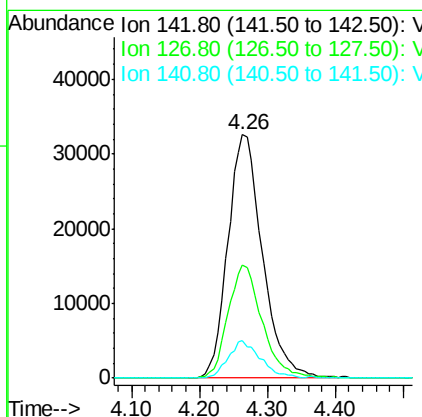
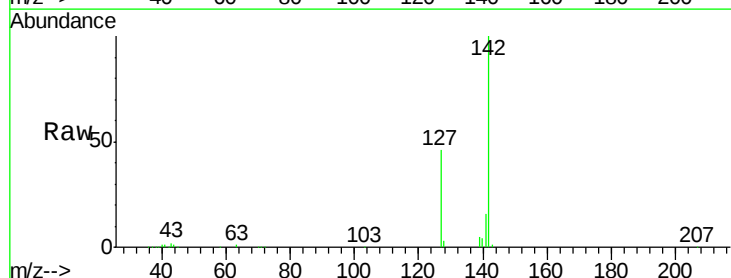
RT: 4.26 min Scan# 439

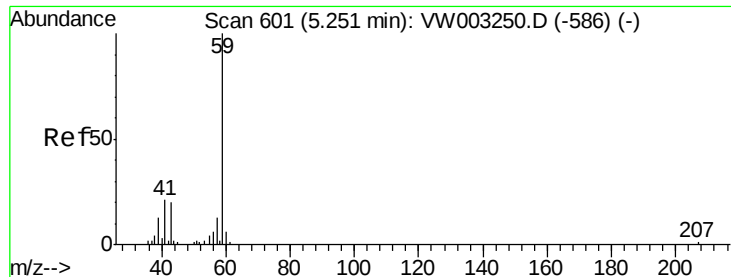
Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tgt Ion:	142	Resp:	114843
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.5	54.7
141	14.4	12.1	18.1





#11

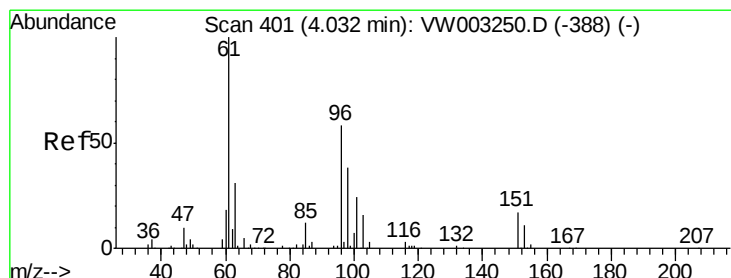
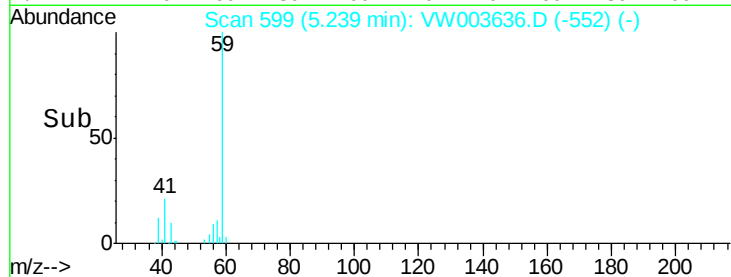
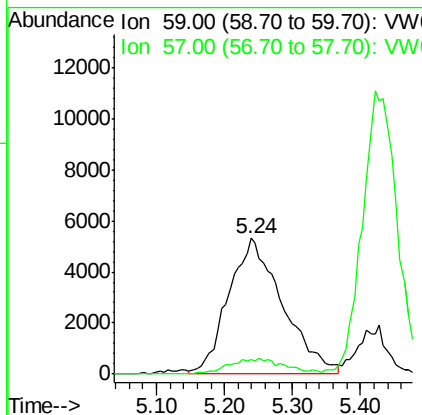
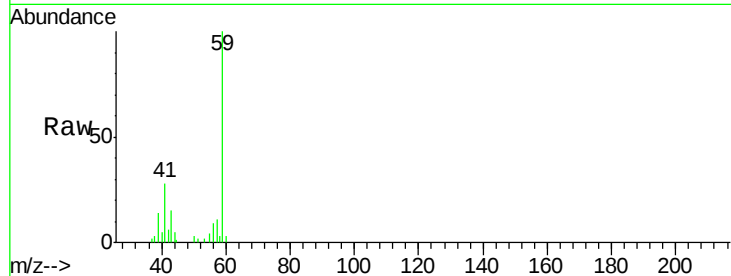
Tert butyl alcohol
Concen: 338.30 ug/l
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.8	4.2	6.2

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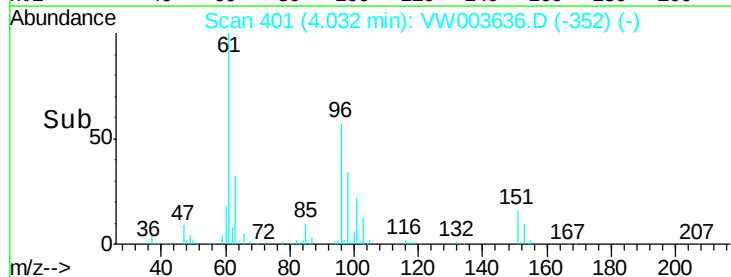
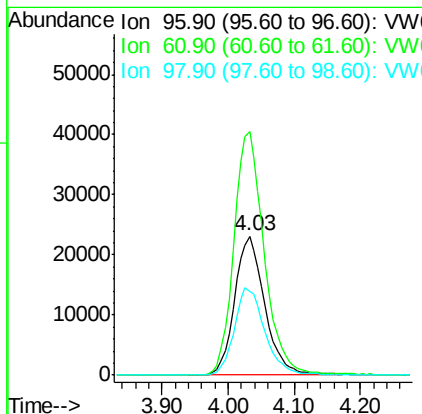
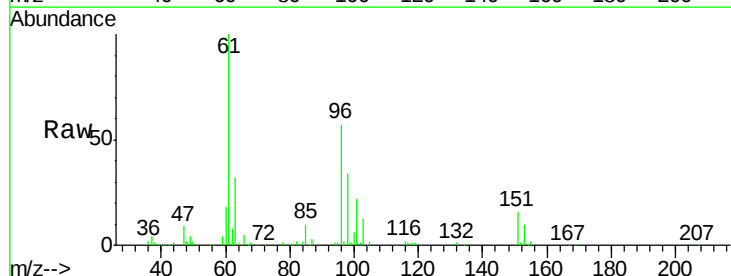
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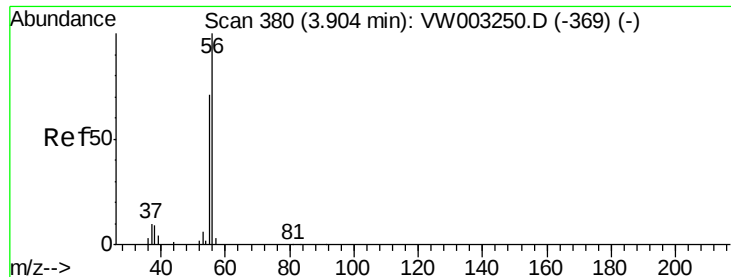


#12

1,1-Dichloroethene
Concen: 53.68 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.6	139.0	208.4
98	60.5	53.3	79.9





#13

Acrolein

Concen: 70.68 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion: 56 Resp: 8795

Ion Ratio Lower Upper

56 100

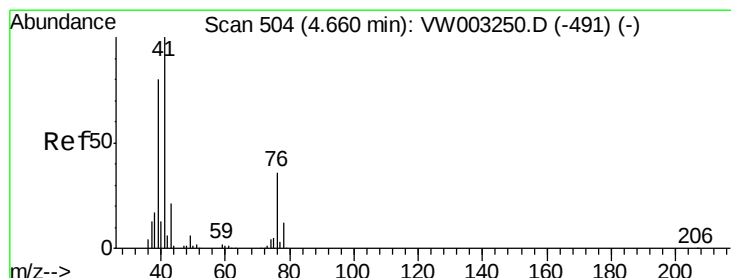
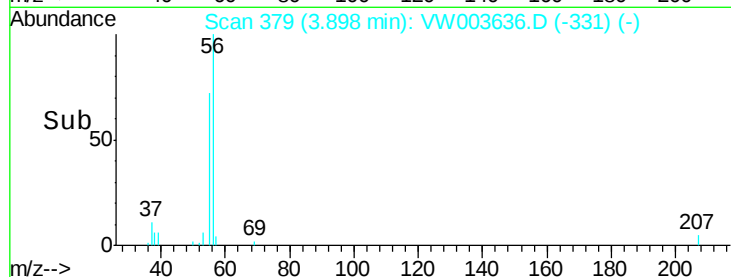
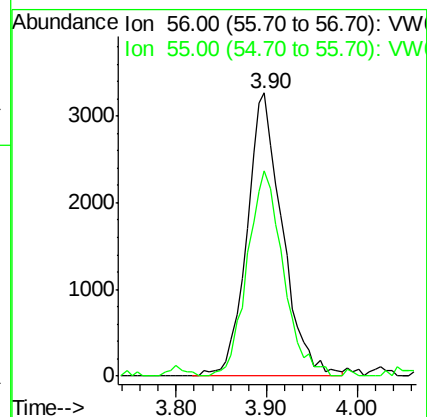
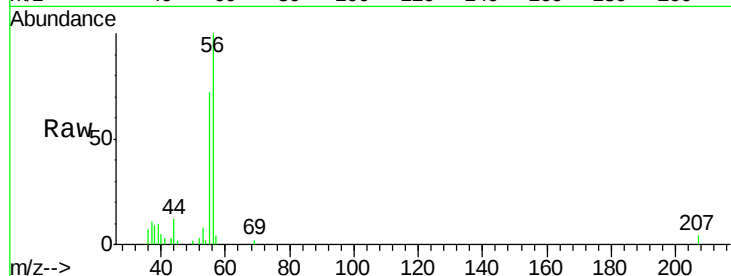
55 73.7 55.4 83.2

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#14

Allyl chloride

Concen: 58.42 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

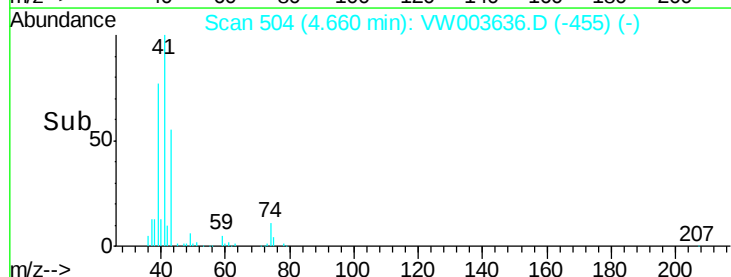
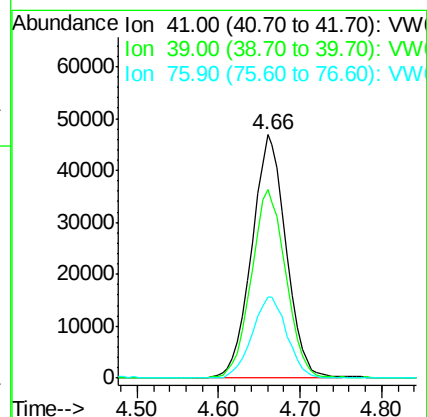
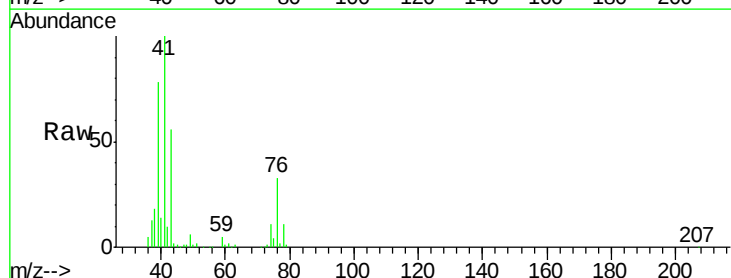
Tgt Ion: 41 Resp: 137259

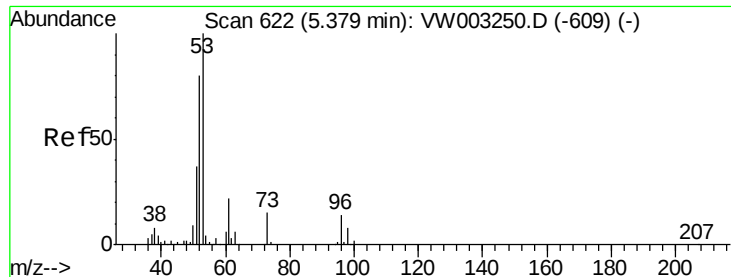
Ion Ratio Lower Upper

41 100

39 78.1 63.2 94.8

76 33.8 28.0 42.0





#15

Acrylonitrile

Concen: 348.75 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

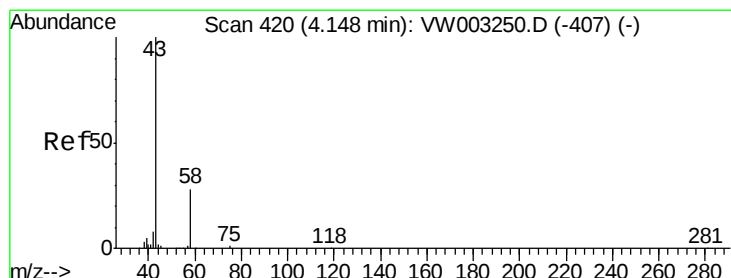
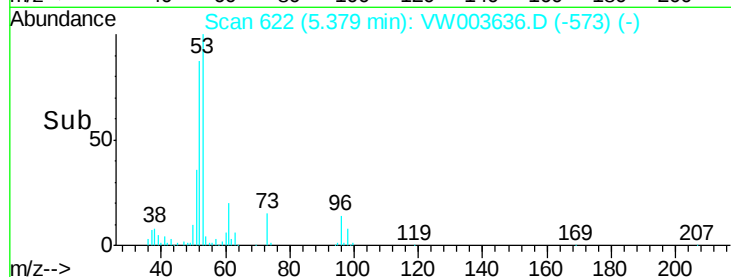
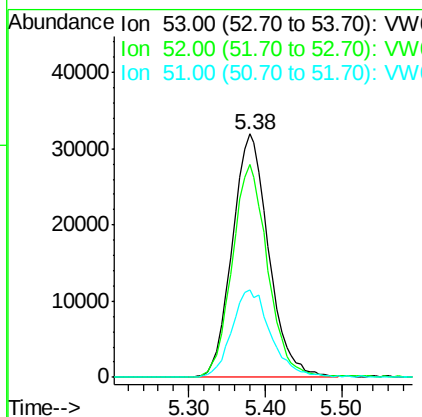
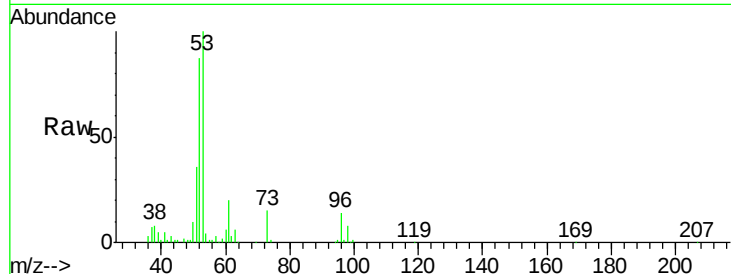
ClientSampleId :

EME-FW-TS004-01MS

Tot Ion:	53	Resp:	105357
Ion Ratio	Lower	Upper	
53	100		
52	85.1	66.6	100.0
51	38.2	30.6	46.0

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#16

Acetone

Concen: 392.27 ug/l

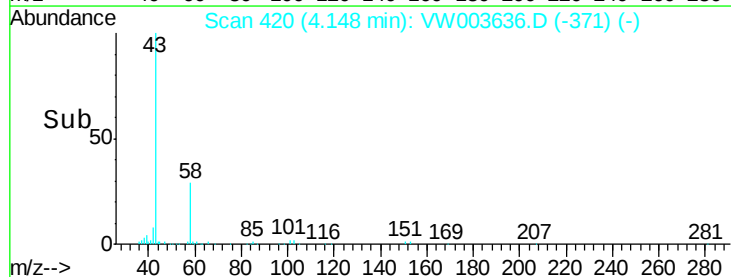
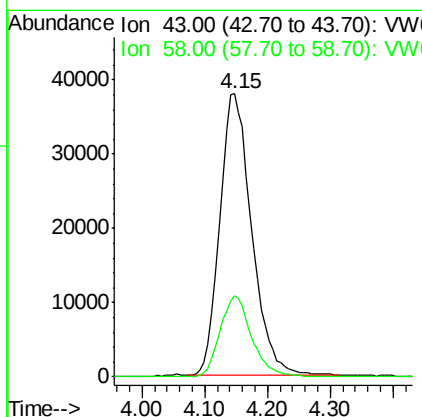
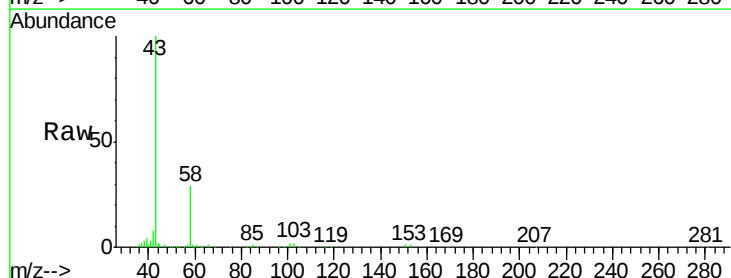
RT: 4.15 min Scan# 420

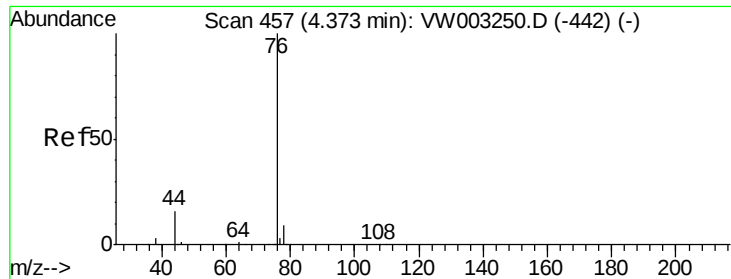
Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tgt Ion:	43	Resp:	133518
Ion Ratio	Lower	Upper	
43	100		
58	28.8	22.6	34.0





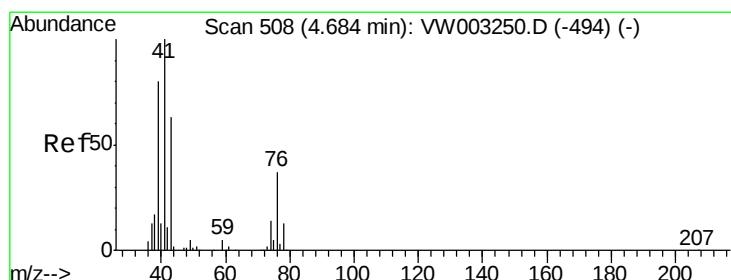
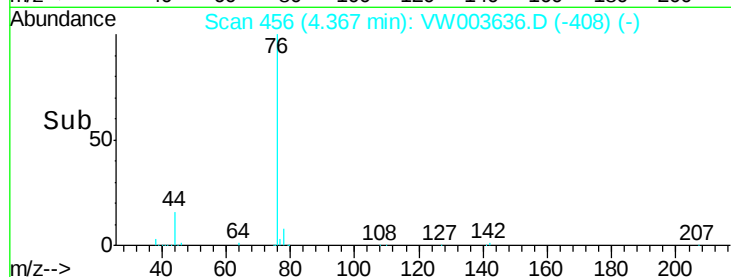
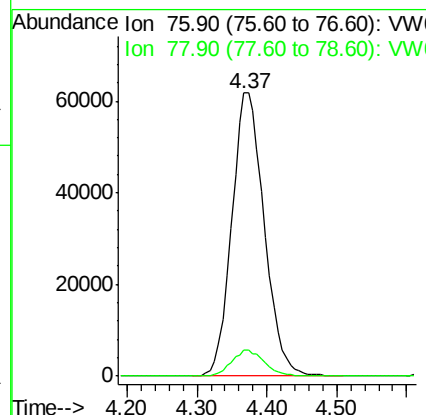
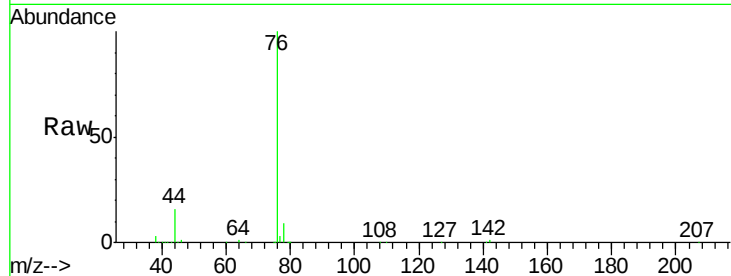
#17
Carbon Disulfide
Concen: 49.55 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

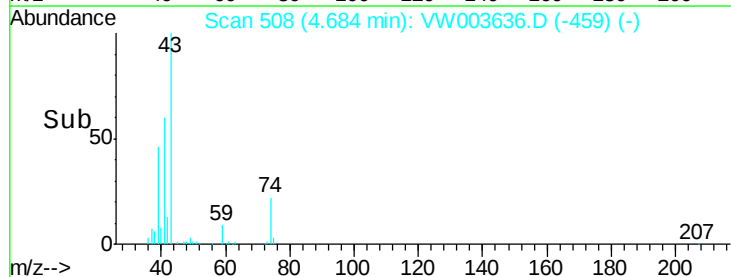
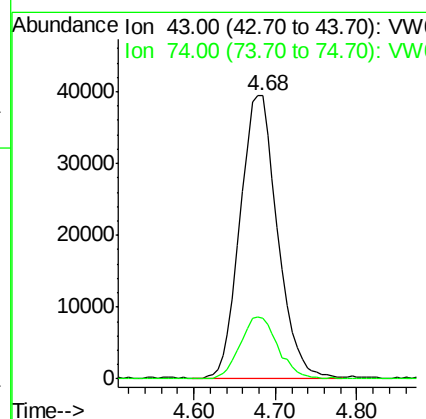
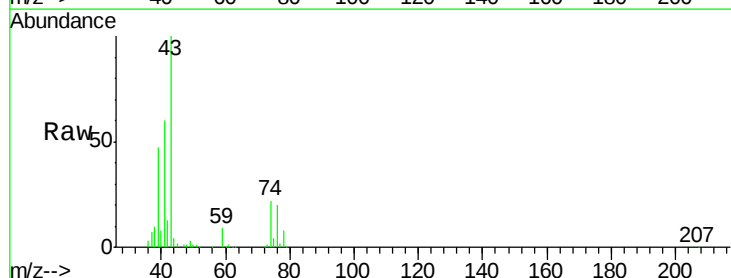
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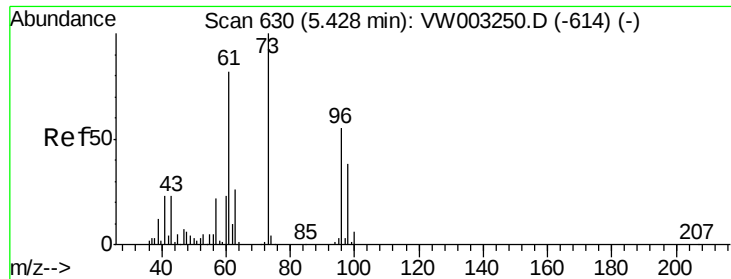
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#18
Methyl Acetate
Concen: 155.61 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.7	28.1





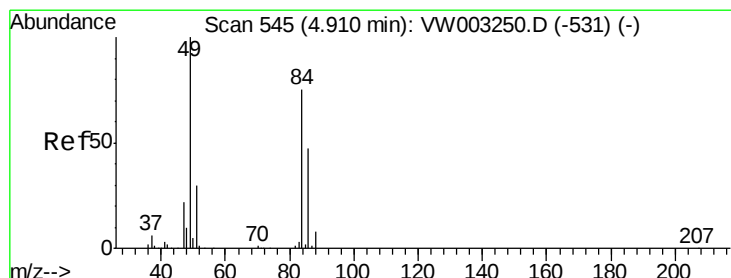
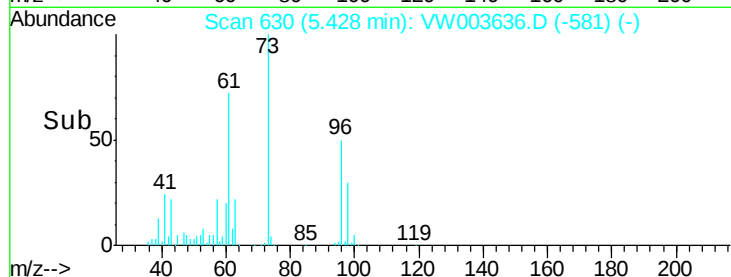
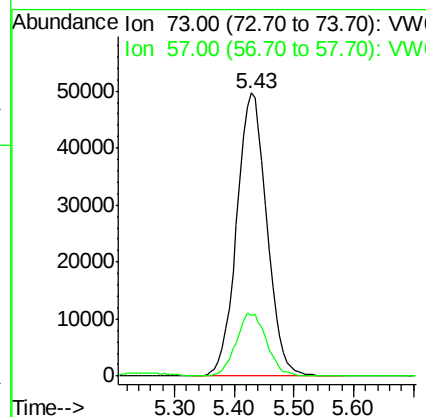
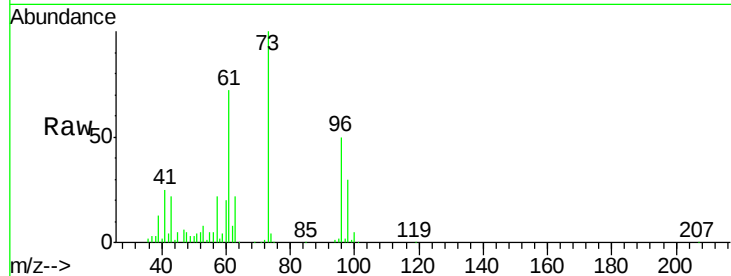
#19
Methvl tert-butvl Ether
Concen: 68.49 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion: 73 Resp: 173992
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0

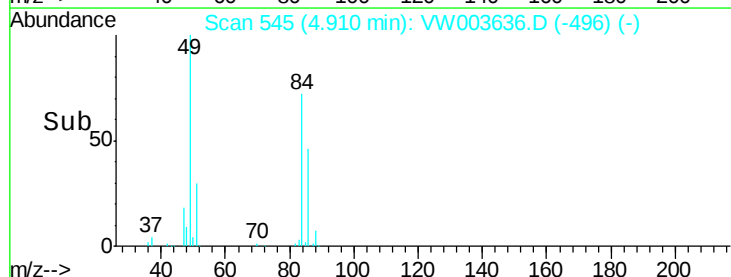
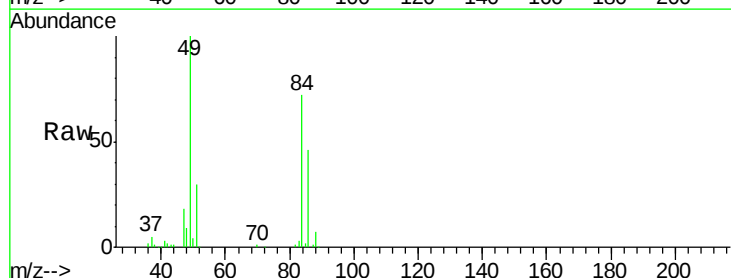
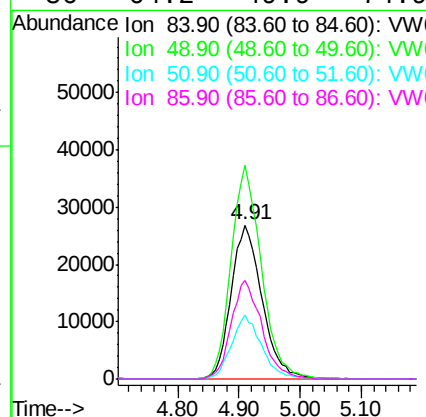
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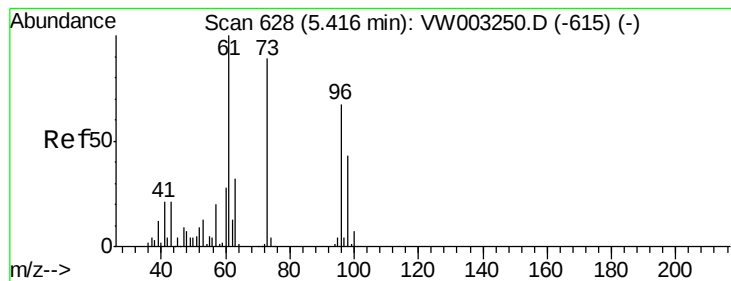
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#20
Methylene Chloride
Concen: 65.98 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion: 84 Resp: 93706
Ion Ratio Lower Upper
84 100
49 138.6 106.3 159.5
51 41.2 32.0 48.0
86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 55.54 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion: 96 Resp: 81983

Ion Ratio Lower Upper

96 100

61 152.1 118.7 178.1

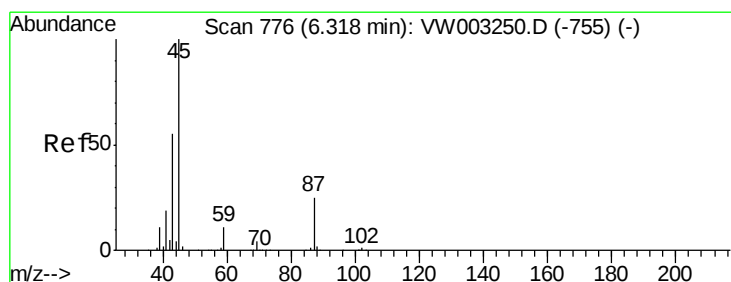
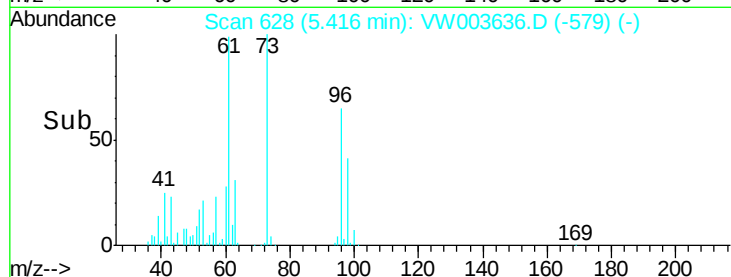
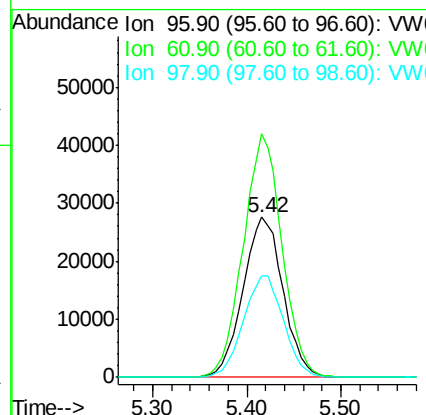
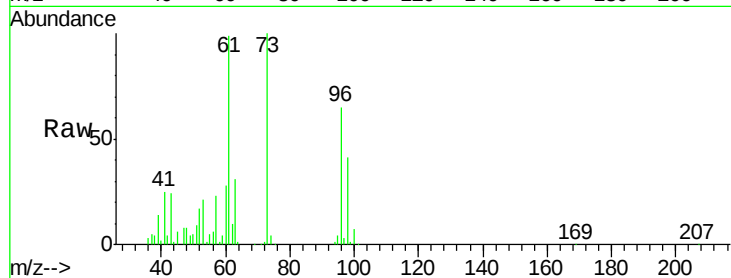
98 63.5 51.0 76.6

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#22

Diisopropyl ether

Concen: 62.98 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tgt Ion: 45 Resp: 297772

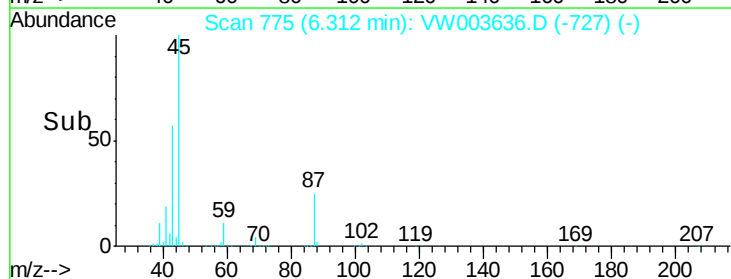
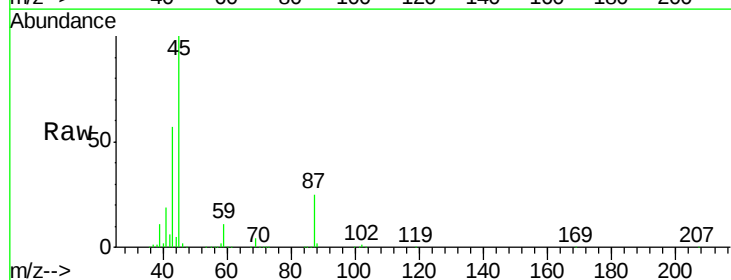
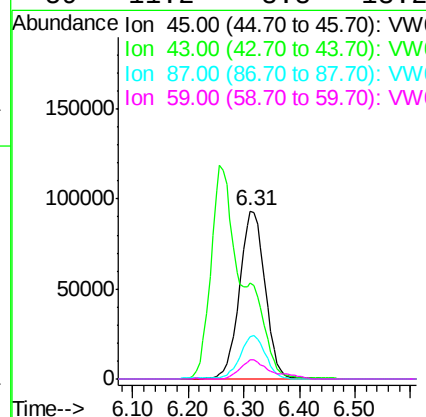
Ion Ratio Lower Upper

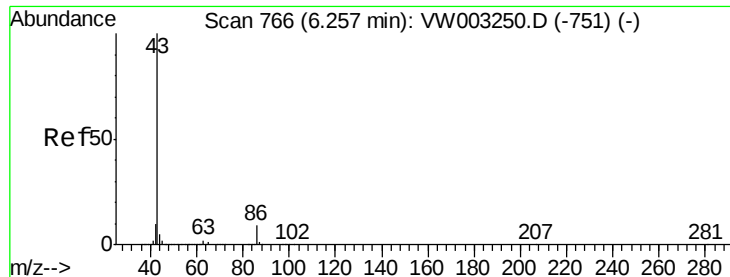
45 100

43 56.5 44.0 66.0

87 25.0 20.6 31.0

59 11.2 8.8 13.2





#23

Vinyl Acetate

Concen: 177.20 ug/l m

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tot Ion: 43 Resp: 482837

Ion Ratio Lower Upper

43 100

86 9.3 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

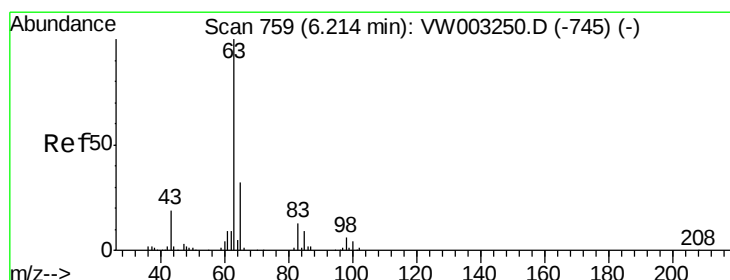
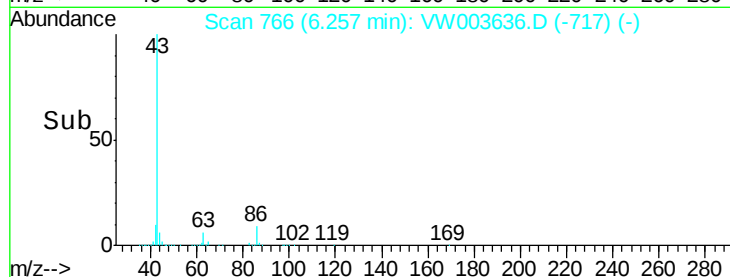
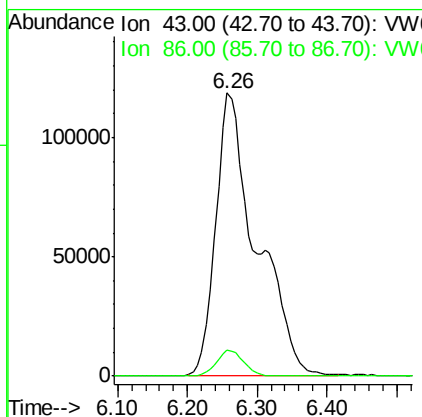
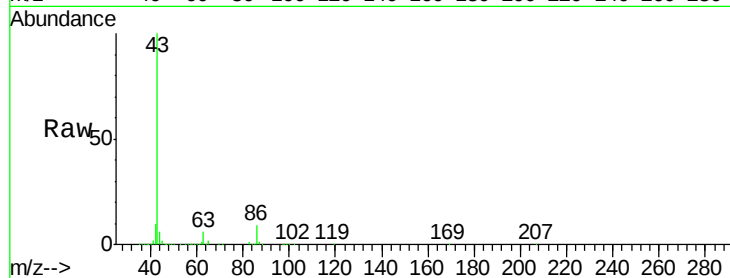
EME-FW-TS004-01MS

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#24

1,1-Dichloroethane

Concen: 58.90 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

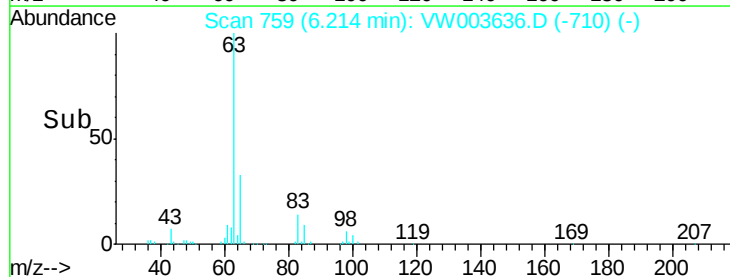
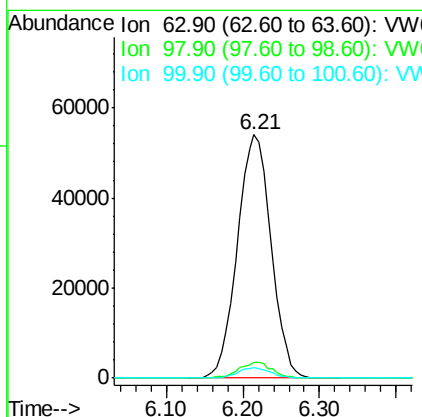
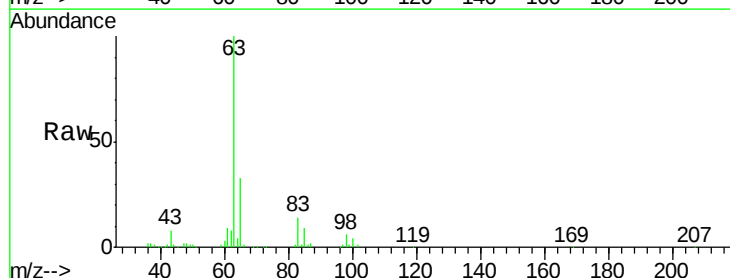
Tgt Ion: 63 Resp: 165335

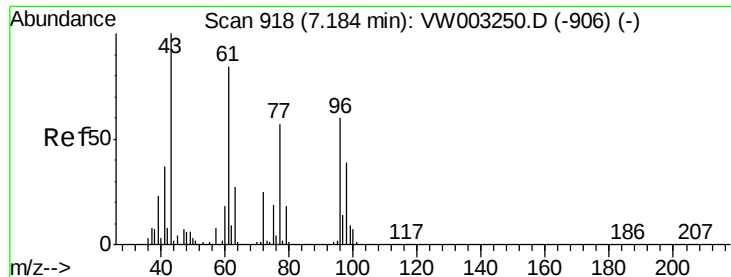
Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.3

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 351.99 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion: 43 Resp: 148979

Ion Ratio Lower Upper

43 100

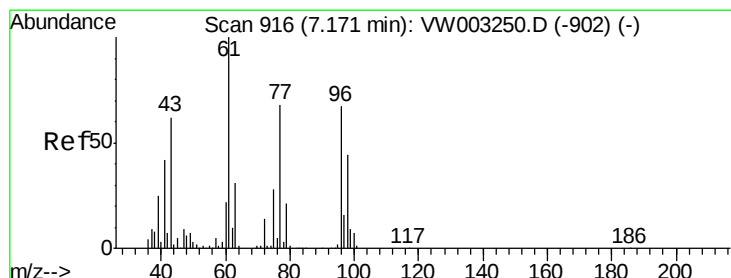
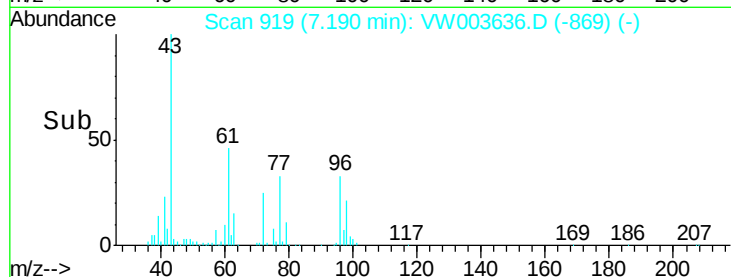
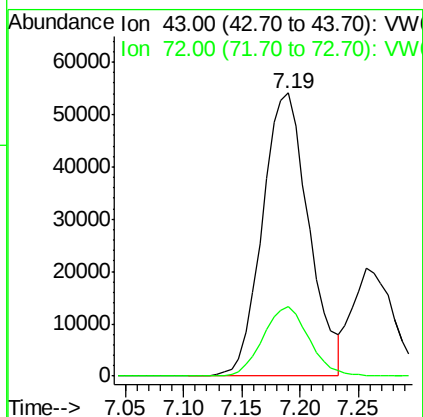
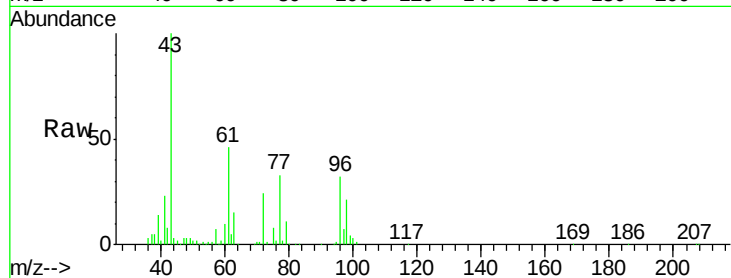
72 24.5 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 53.00 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003636.D

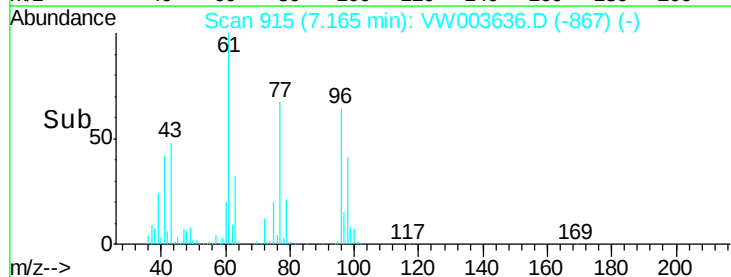
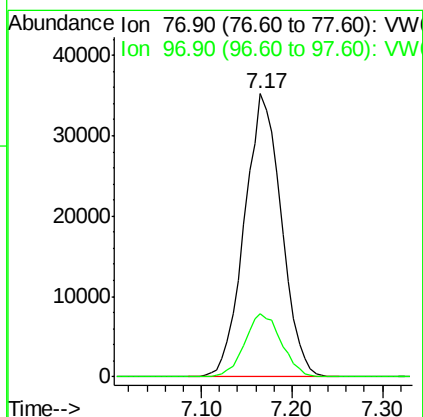
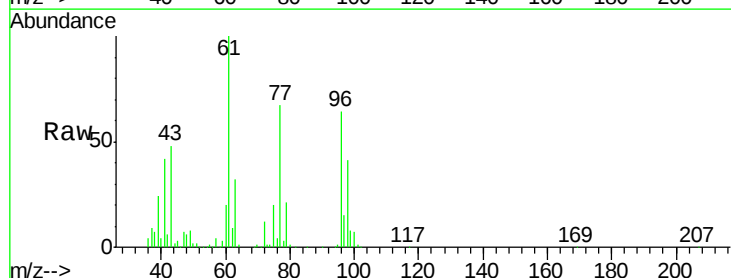
Acq: 28 Jun 2018 14:14

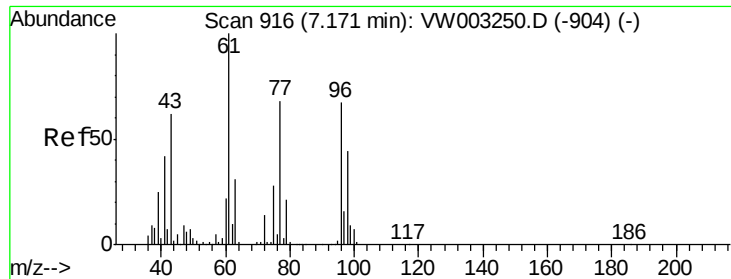
Tgt Ion: 77 Resp: 99292

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.9





#27

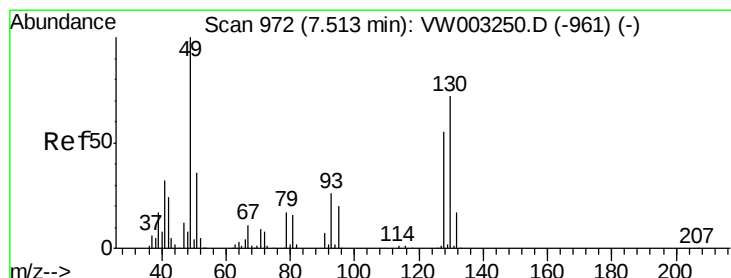
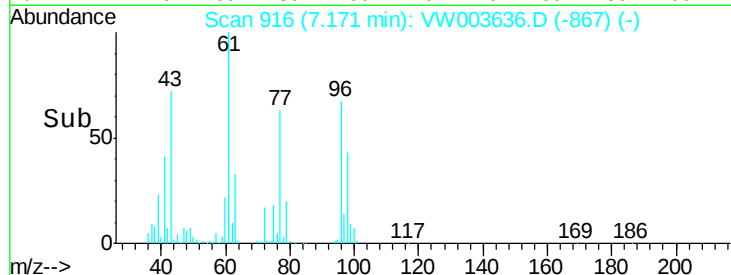
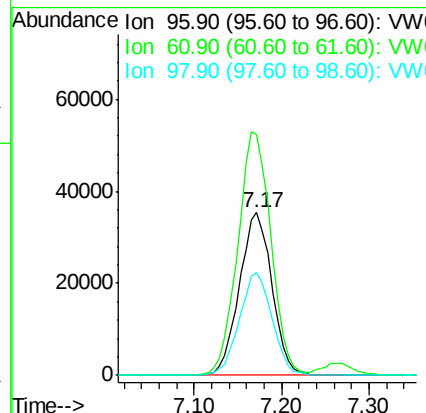
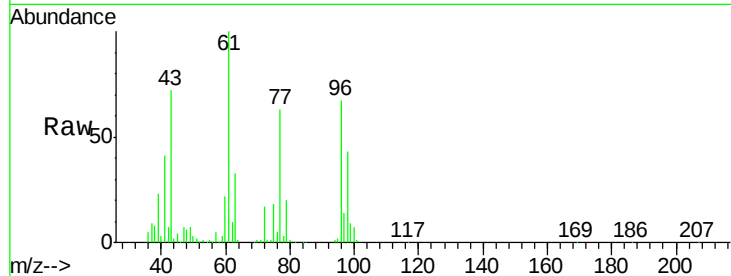
cis-1,2-Dichloroethene
Concen: 56.38 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	298.8
98	63.4	0.0	130.4

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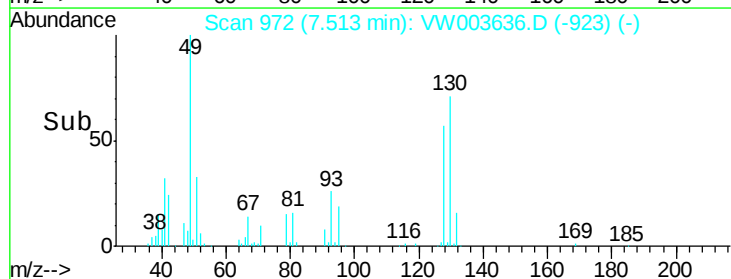
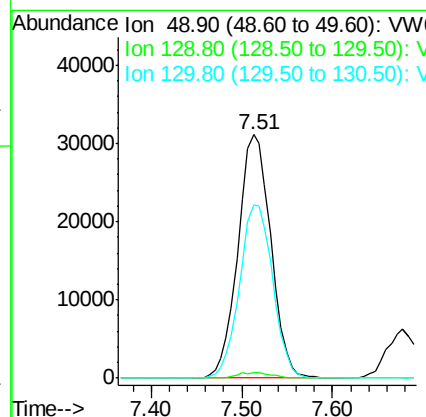
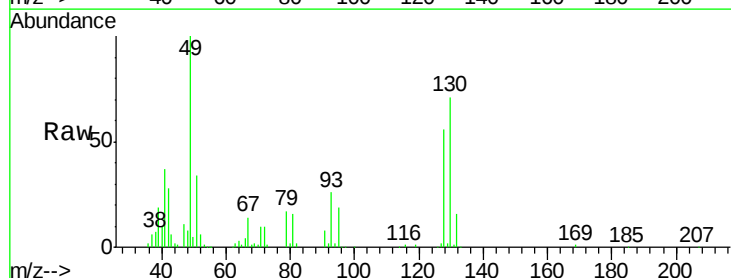
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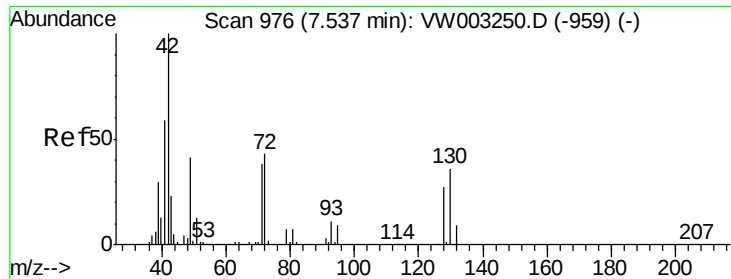


#28

Bromochloromethane
Concen: 67.04 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	71.8	59.4	89.2





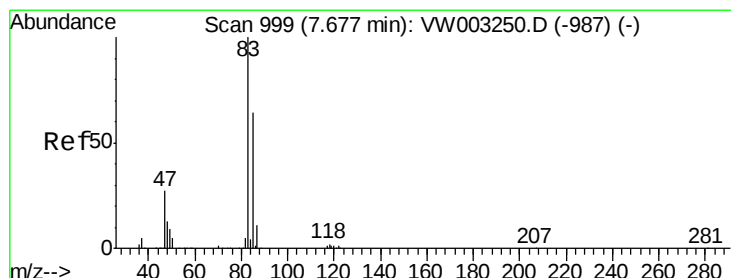
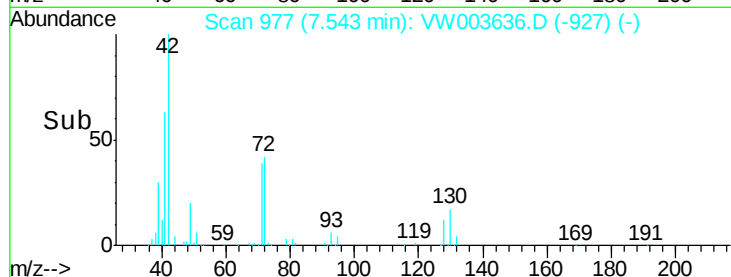
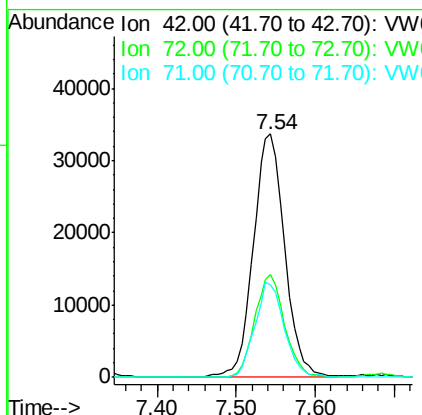
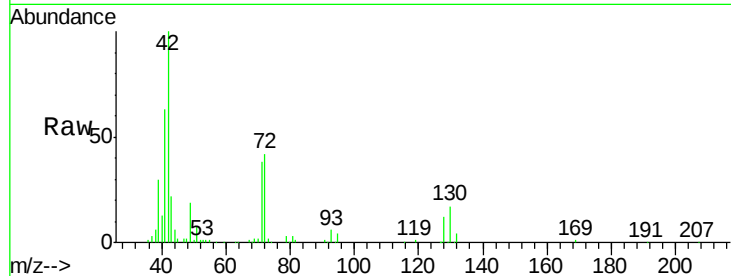
#29
Tetrahydrofuran
Concen: 360.40 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion:	42	Resp:	93225
Ion Ratio		Lower	Upper
42	100		
72	40.2	32.4	48.6
71	36.9	31.2	46.8

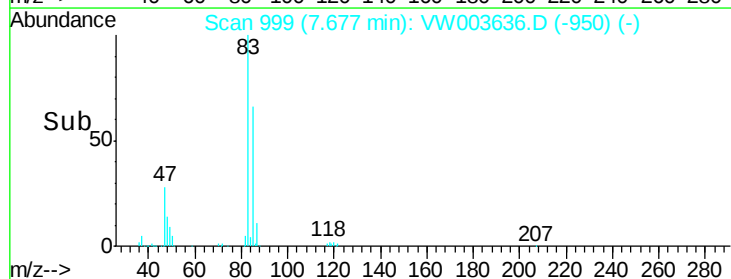
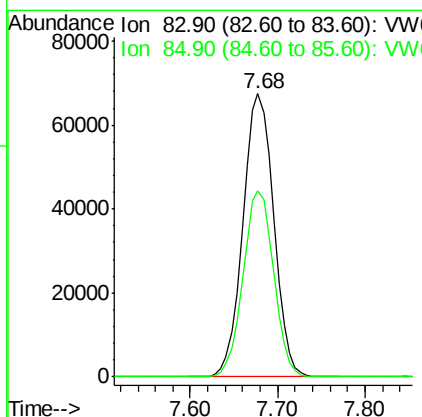
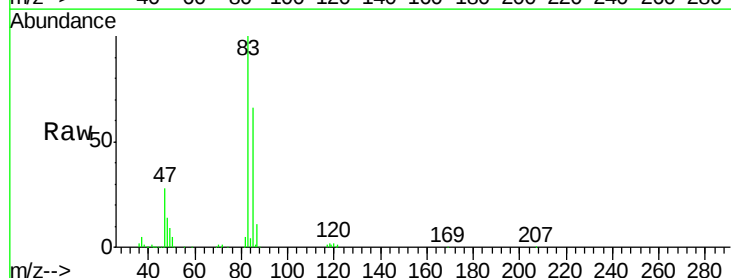
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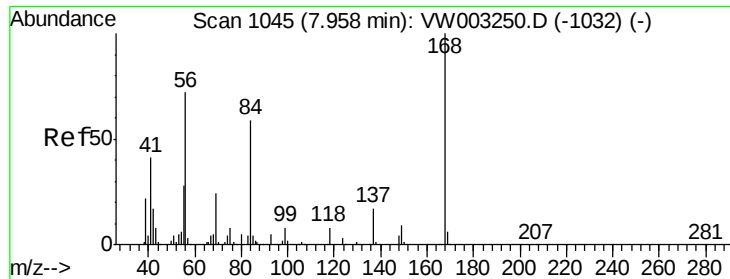
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#30
Chloroform
Concen: 57.61 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion:	83	Resp:	164765
Ion Ratio		Lower	Upper
83	100		
85	65.6	51.3	76.9





#31

Cyclohexane

Concen: 34.78 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

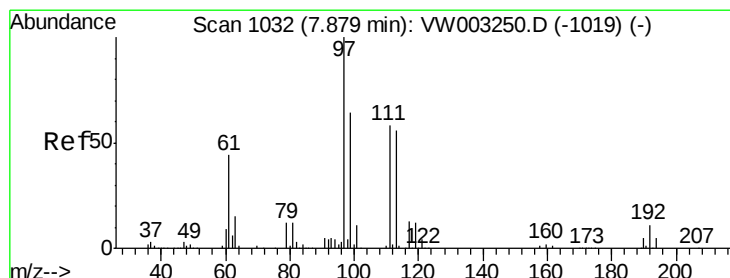
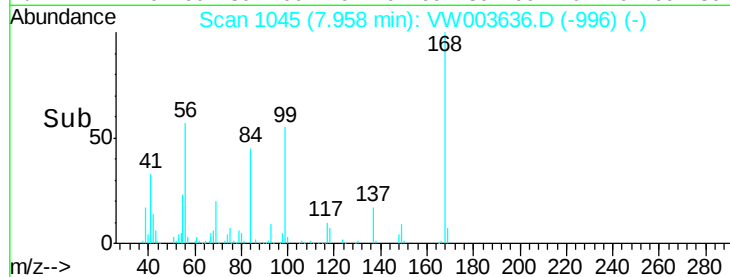
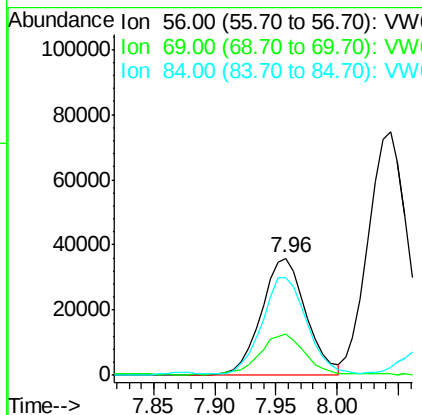
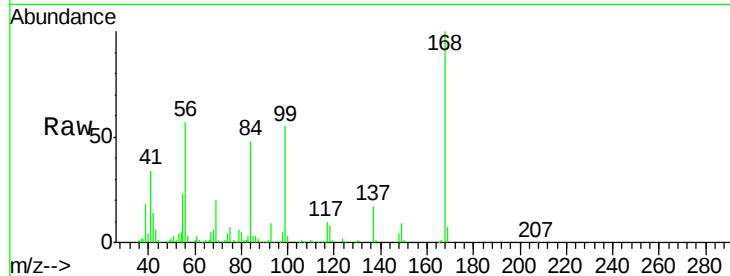
ClientSampleId :

EME-FW-TS004-01MS

Tot Ion:	56	Resp:	91216
Ion	Ratio	Lower	Upper
56	100		
69	34.0	26.3	39.5
84	80.7	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 52.67 ug/l

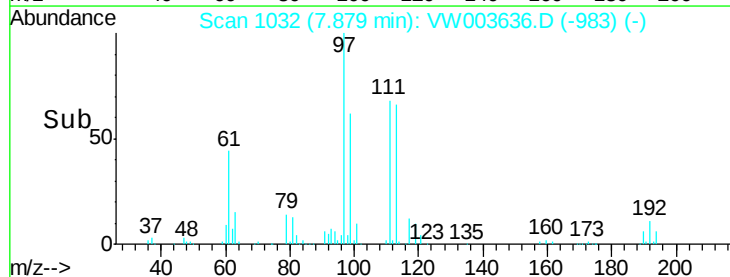
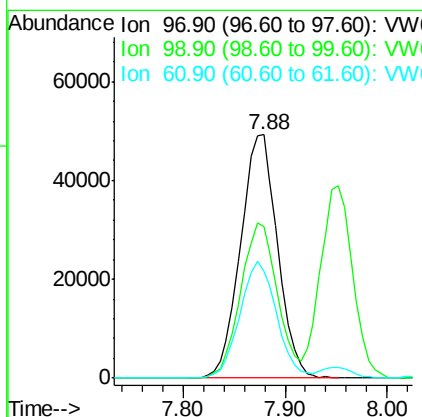
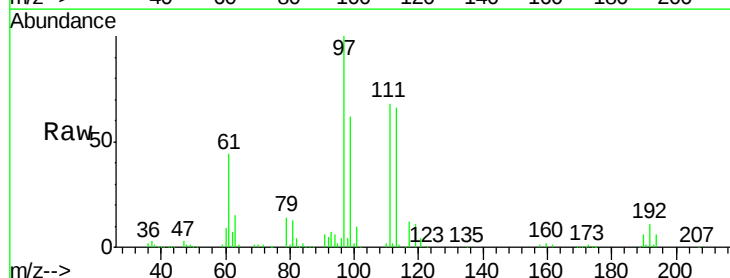
RT: 7.88 min Scan# 1032

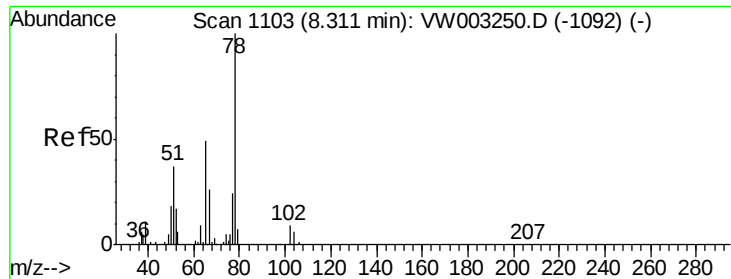
Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tgt Ion:	97	Resp:	124329
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	47.4	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 64.58 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion: 65 Resp: 104803

Ion Ratio Lower Upper

65 100

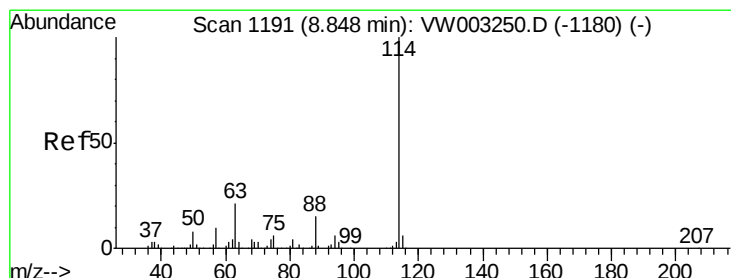
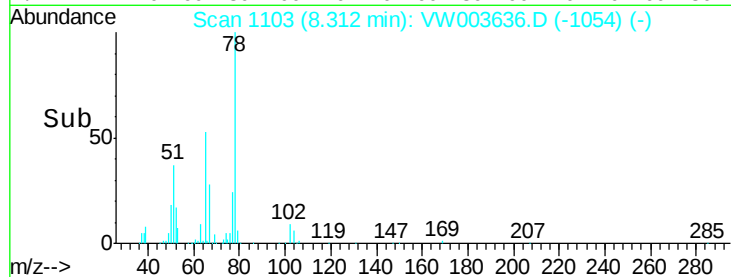
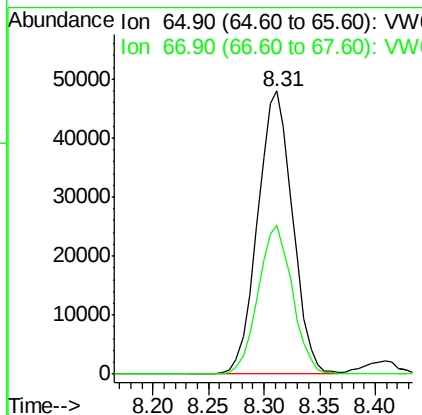
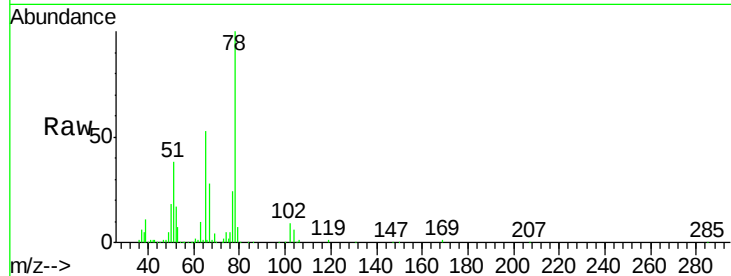
67 51.7 0.0 104.2

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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: VW003636.D

Acq: 28 Jun 2018 14:14

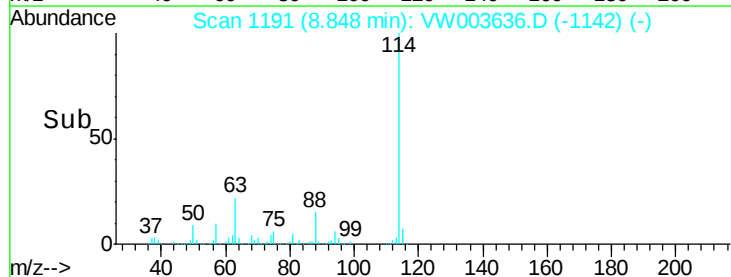
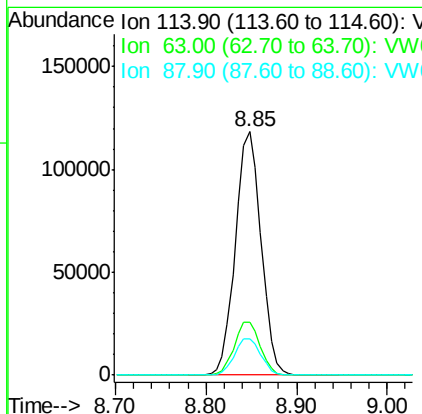
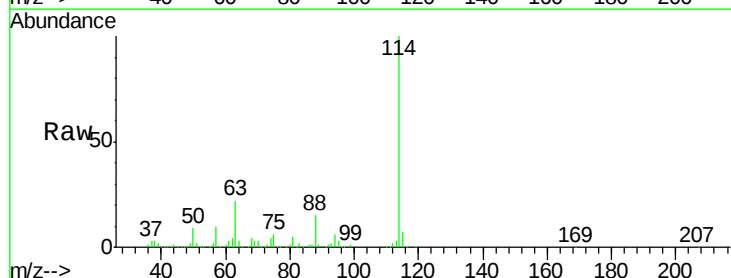
Tgt Ion: 114 Resp: 232072

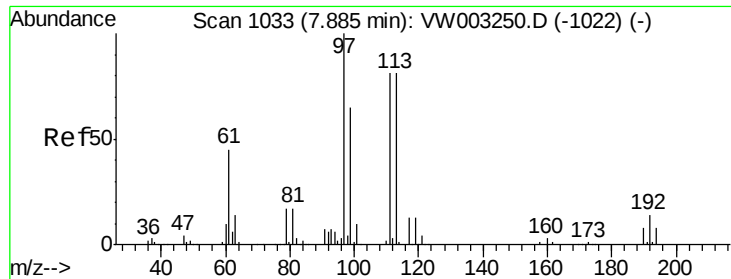
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

88 14.9 0.0 29.6





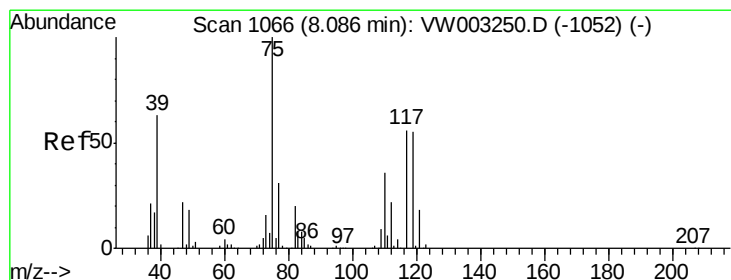
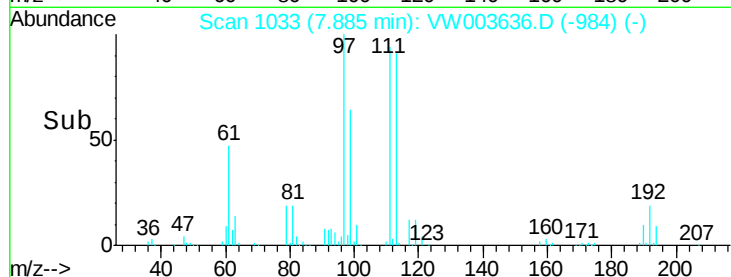
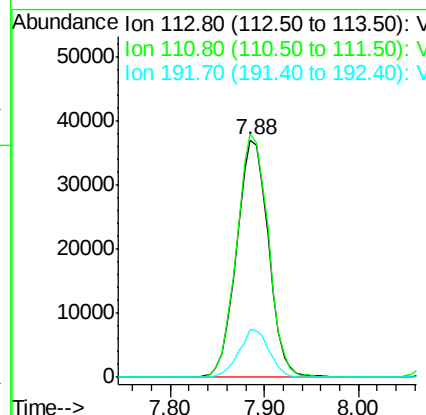
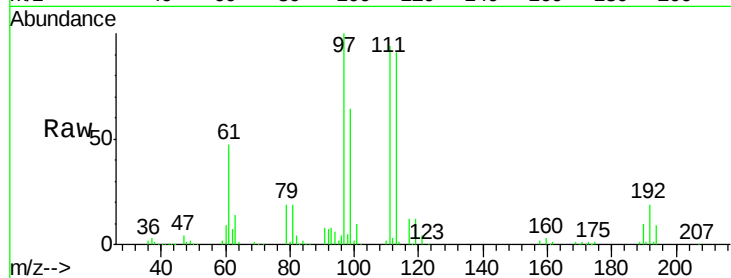
#35
 Dibromofluoromethane
 Concen: 60.51 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	19.3	16.2	24.2

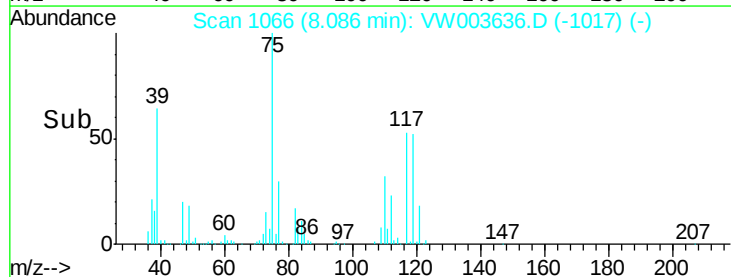
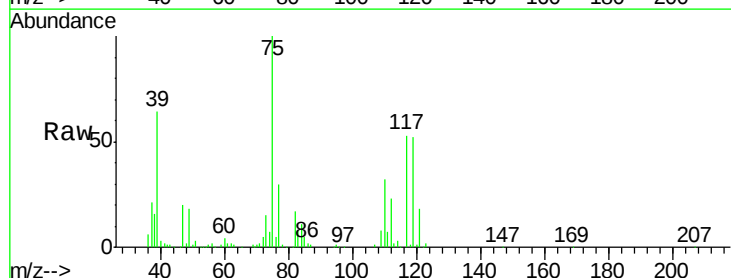
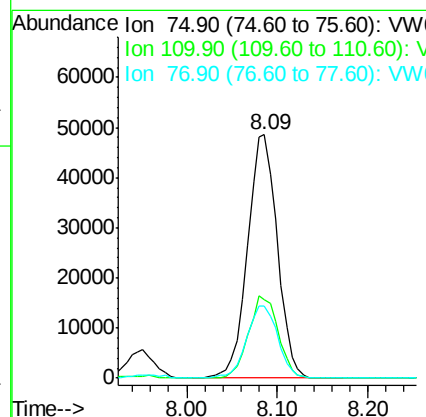
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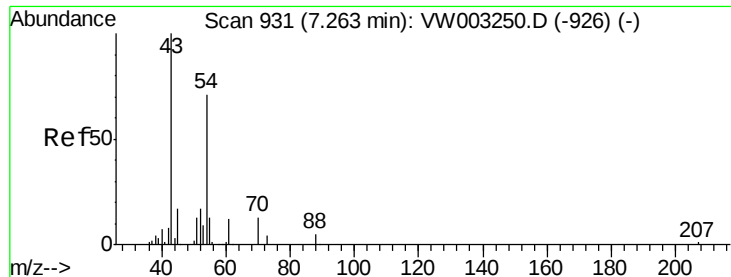
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#36
 1,1-Dichloropropene
 Concen: 49.09 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.1	51.3
77	31.3	24.9	37.3





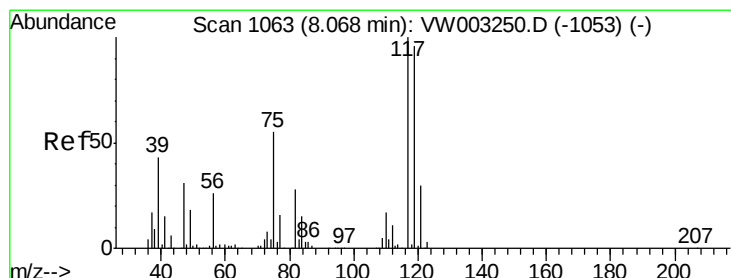
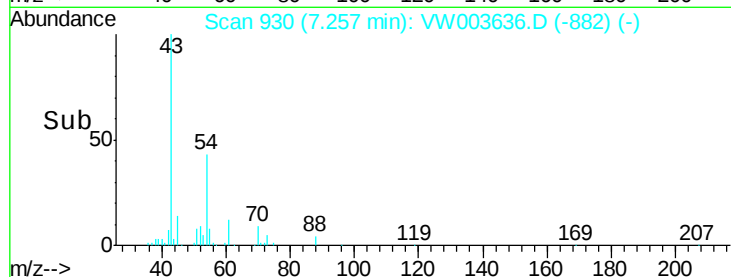
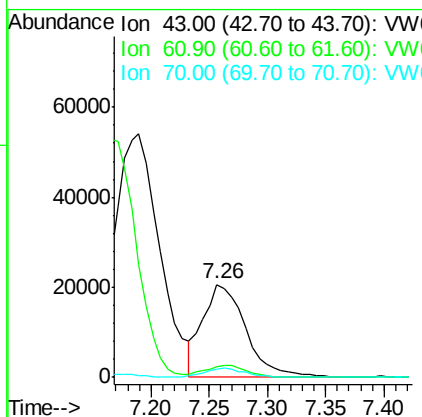
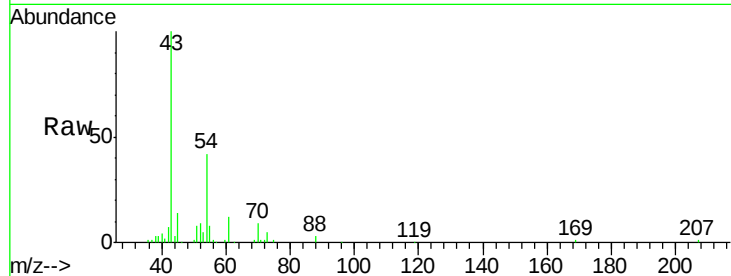
#37
Ethyl Acetate
Concen: 55.70 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	9.6	7.8	11.6

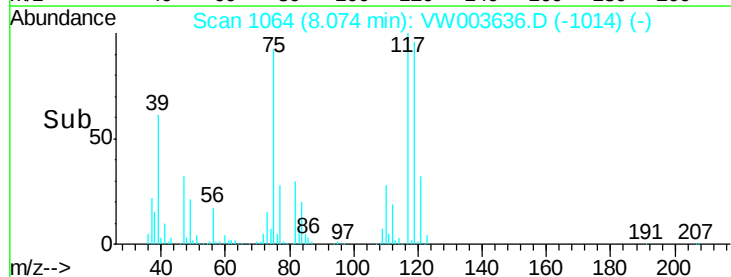
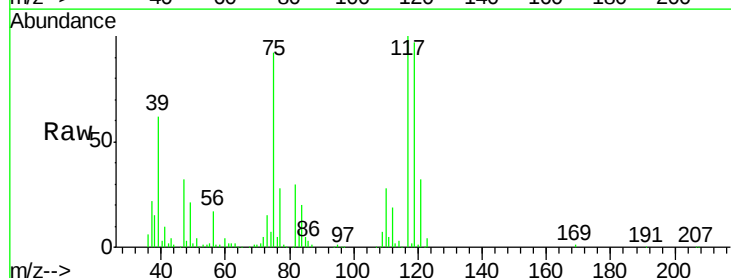
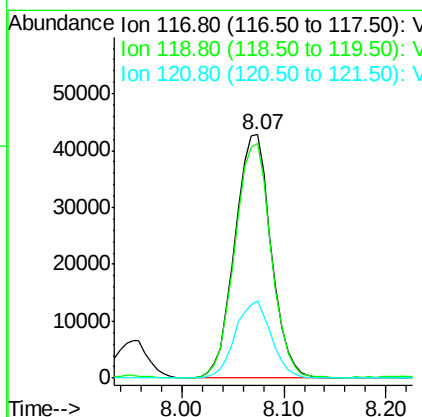
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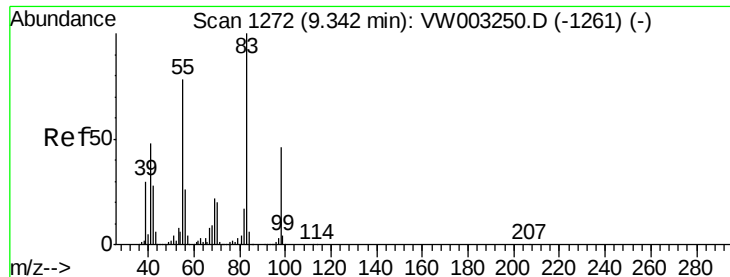
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#38
Carbon Tetrachloride
Concen: 48.07 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	115.0
121	31.6	23.9	35.9





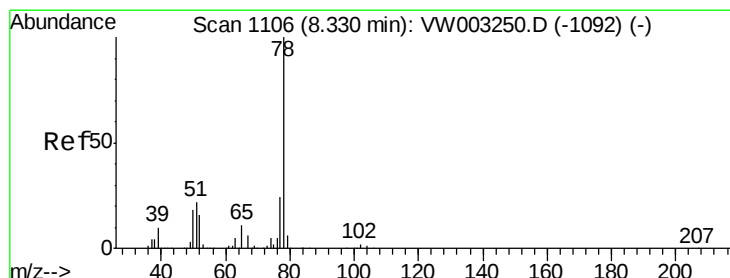
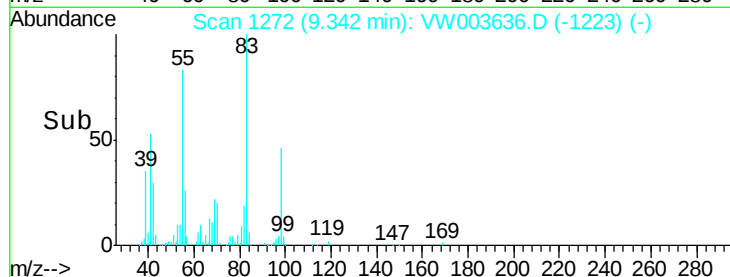
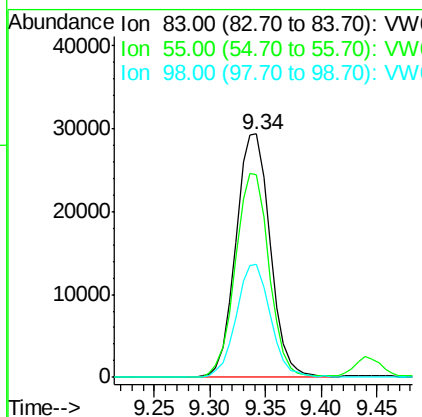
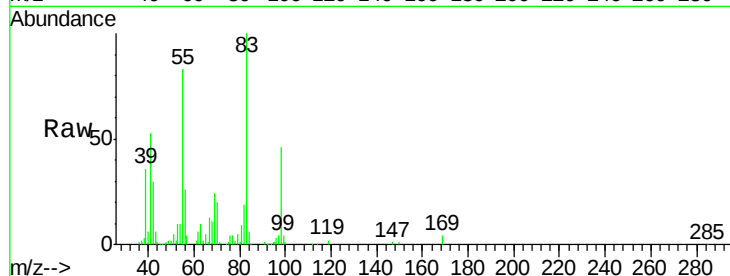
#39
Methvlcvclohexane
Concen: 24.27 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.4	62.6	93.8
98	46.4	37.0	55.4

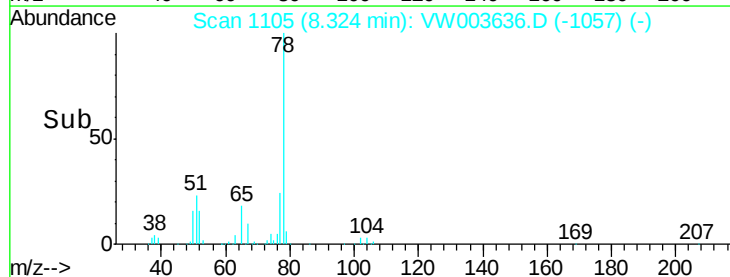
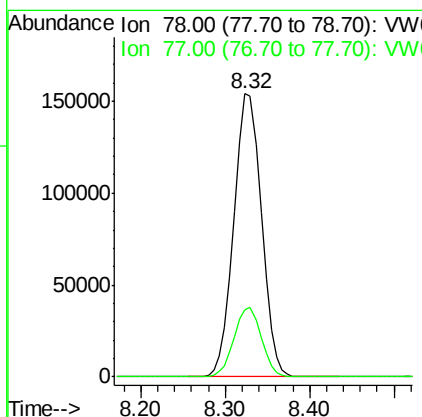
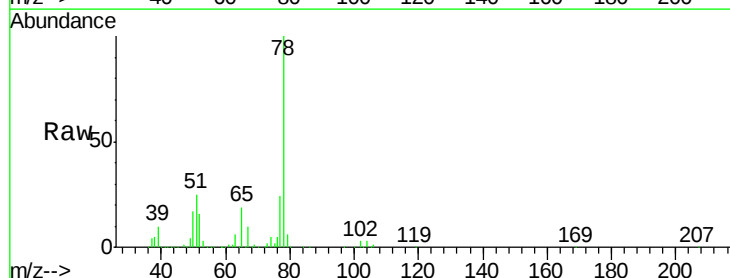
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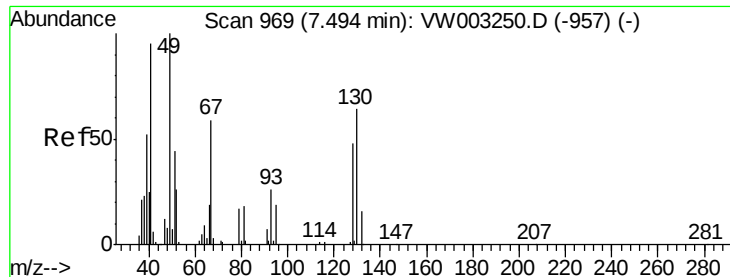
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#40
Benzene
Concen: 55.34 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





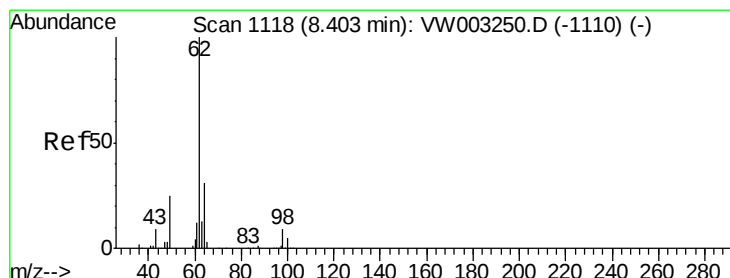
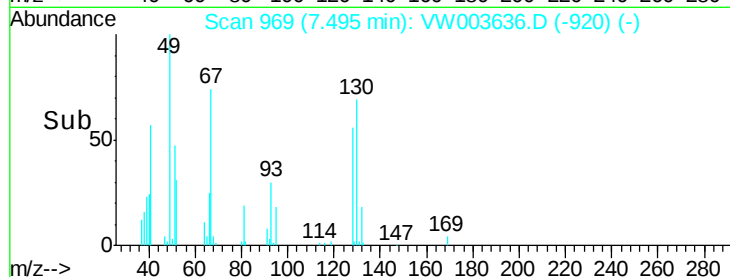
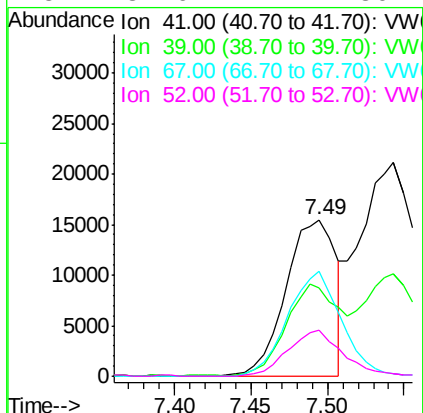
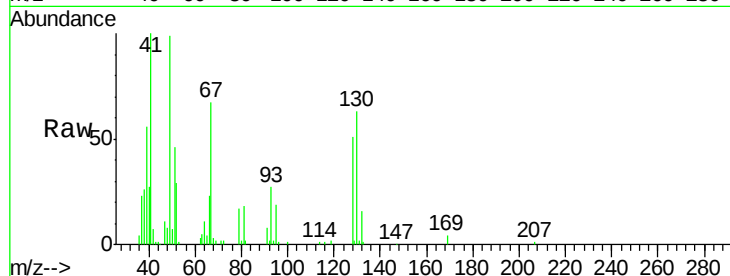
#41
Methacrylonitrile
Concen: 61.37 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion:	41	Resp:	34968
Ion	Ratio	Lower	Upper
41	100		
39	62.8	45.8	68.8
67	72.5	52.3	78.5
52	32.6	24.1	36.1

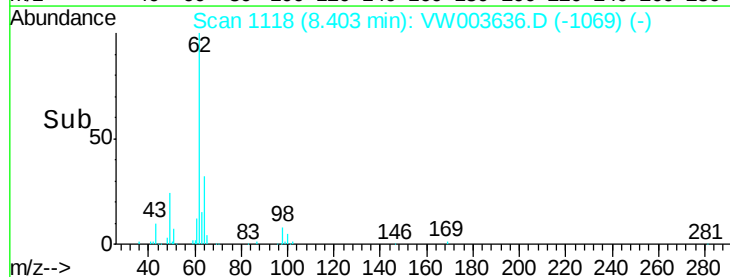
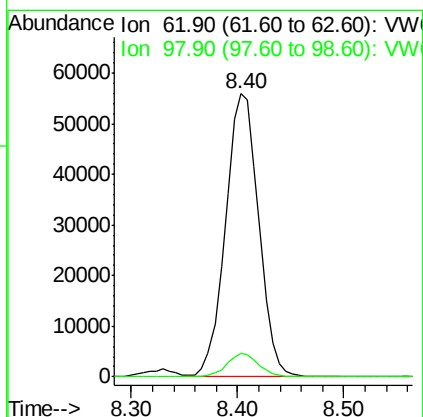
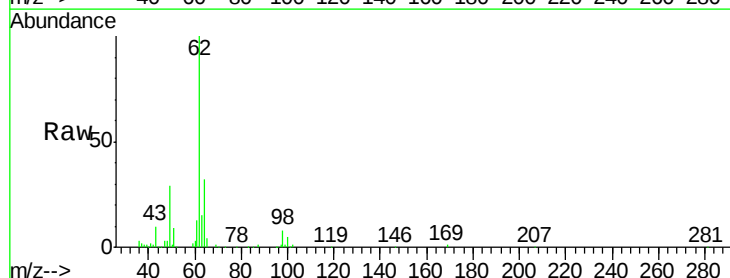
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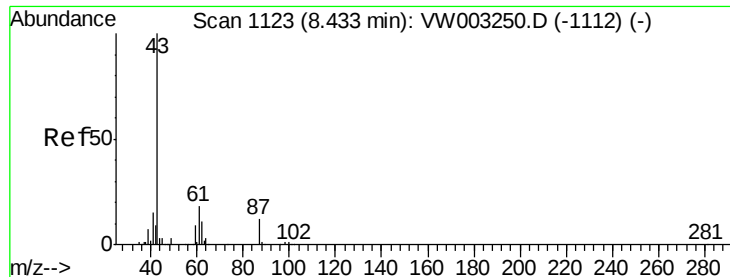
apatel
6/29/2018 10:22:07 AM



#42
1,2-Dichloroethane
Concen: 63.05 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion:	62	Resp:	122025
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.2





#43

Isopropyl Acetate

Concen: 60.00 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

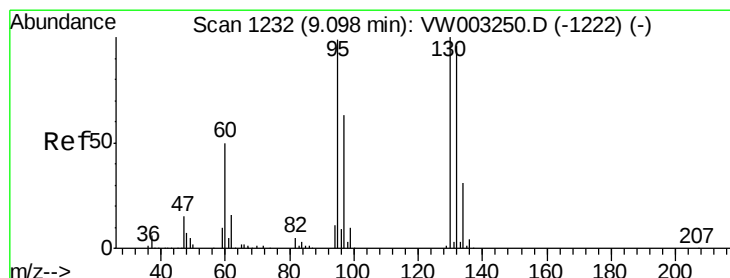
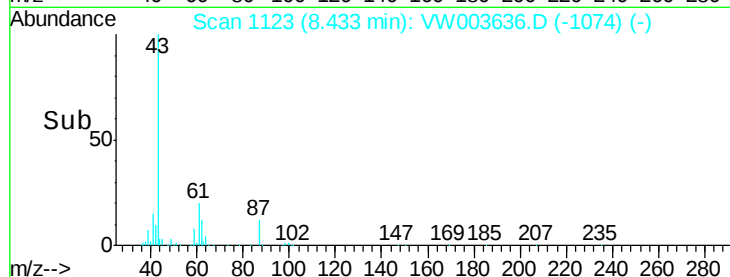
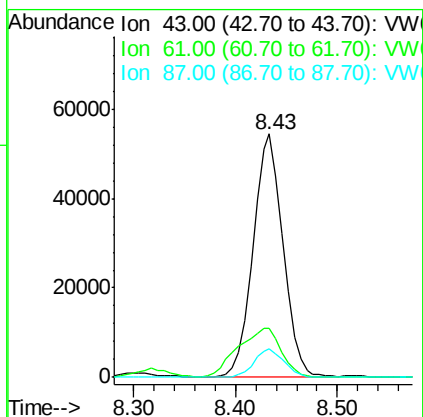
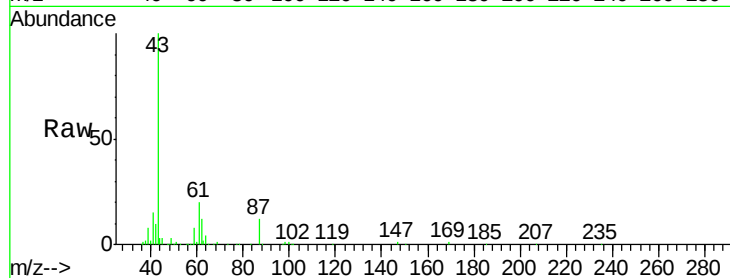
ClientSampleId :

EME-FW-TS004-01MS

Tot Ion:	43	Resp:	110611
Ion Ratio	Lower	Upper	
43	100		
61	29.6	23.1	34.7
87	11.8	9.8	14.6

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#44

Trichloroethene

Concen: 48.36 ug/l

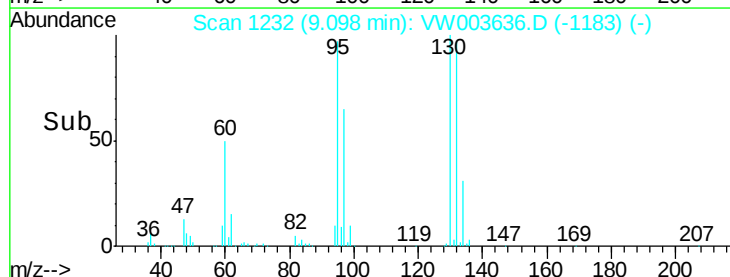
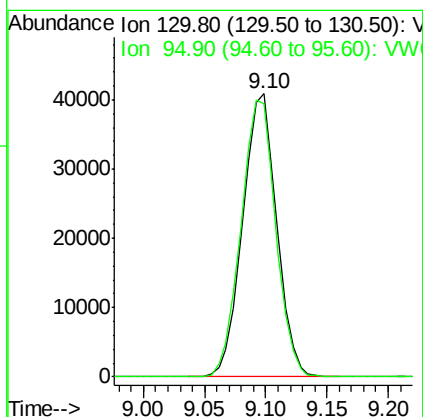
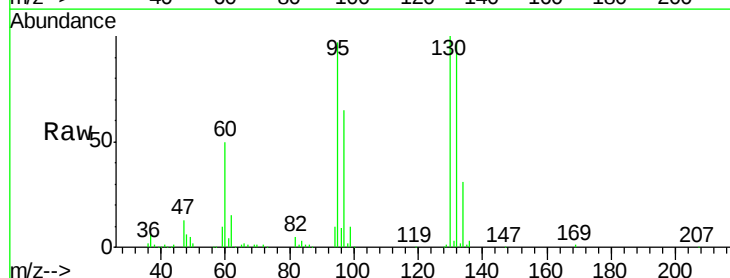
RT: 9.10 min Scan# 1232

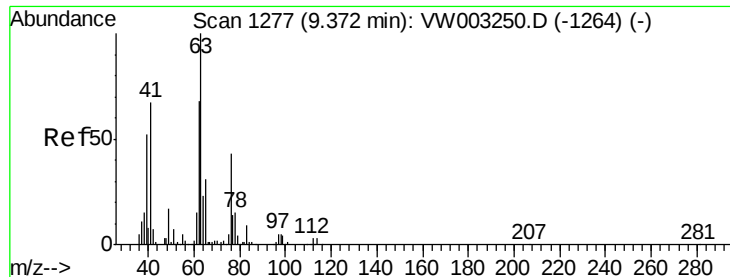
Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tgt Ion:	130	Resp:	79170
Ion Ratio	Lower	Upper	
130	100		
95	96.6	0.0	198.0





#45

1,2-Dichloropropane

Concen: 58.26 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion: 63 Resp: 91643

Ion Ratio Lower Upper

63 100

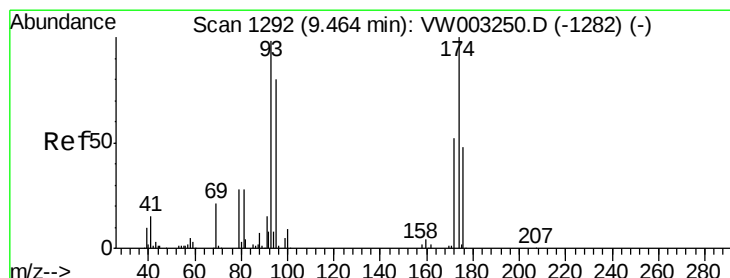
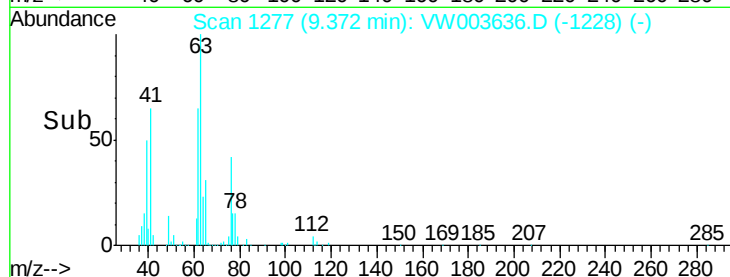
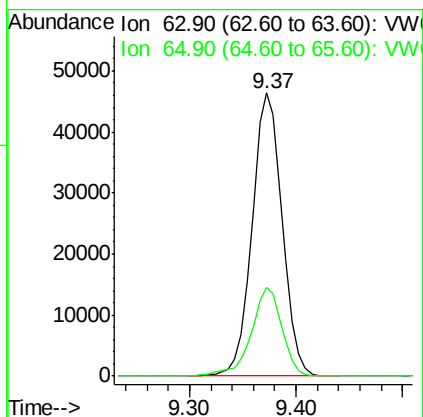
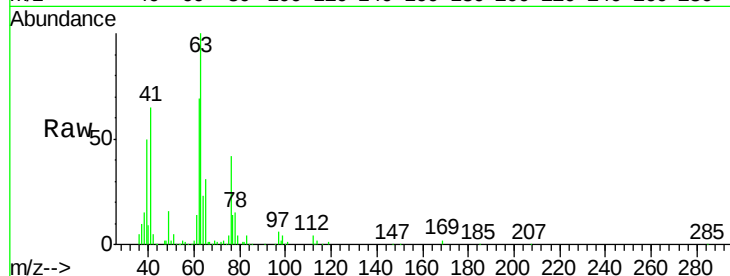
65 31.4 25.1 37.7

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#46

Dibromomethane

Concen: 60.36 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

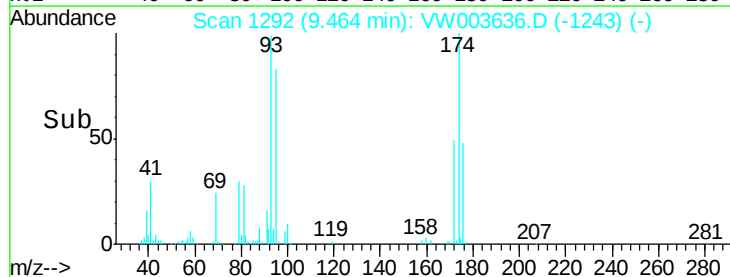
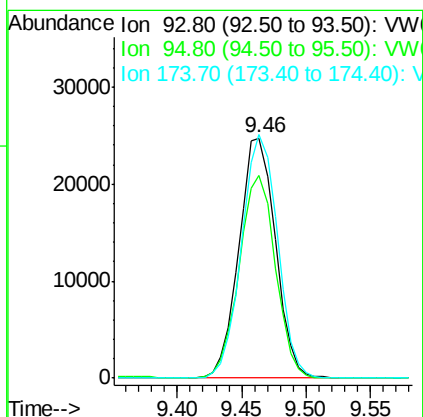
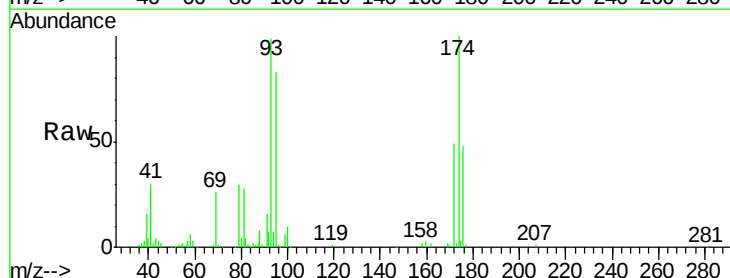
Tgt Ion: 93 Resp: 48607

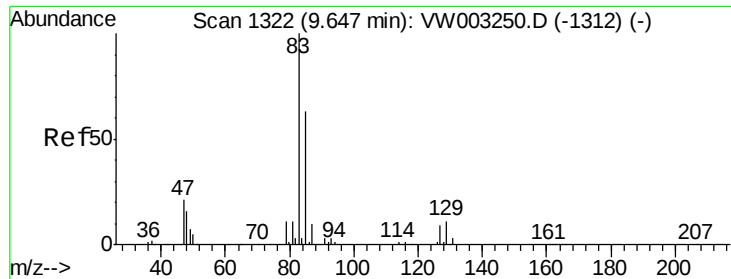
Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.8

174 99.6 81.4 122.0





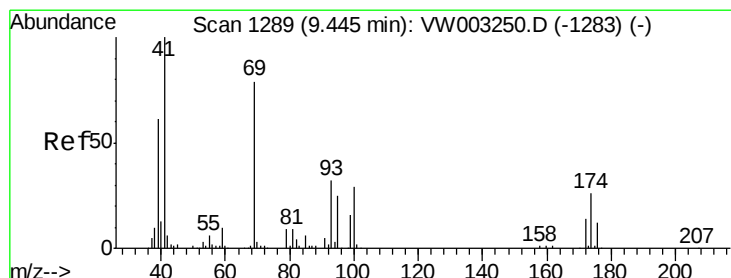
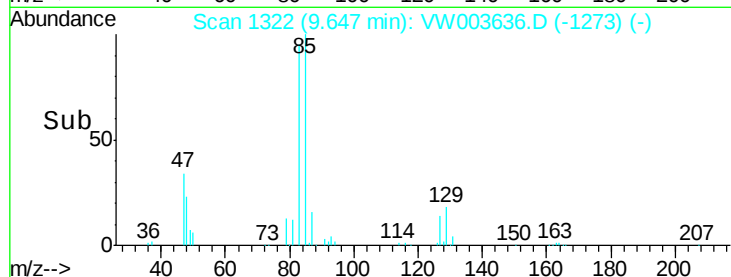
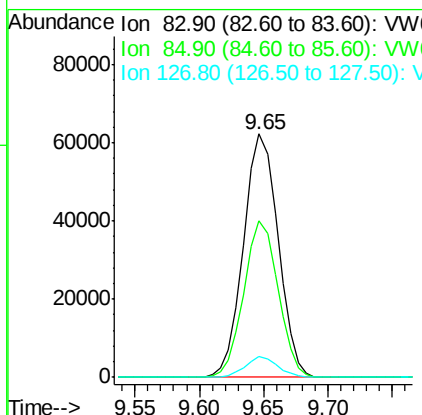
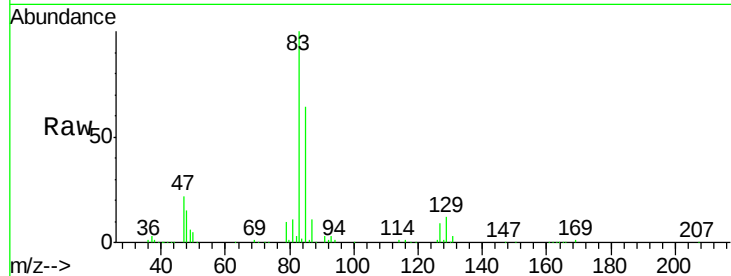
#47
Bromodichloromethane
Concen: 56.24 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.3	50.6	75.8	
127	8.8	6.8	10.2	

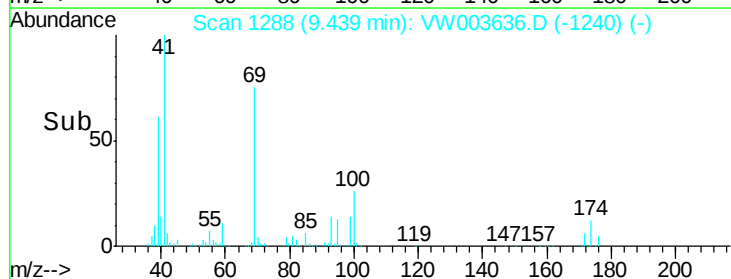
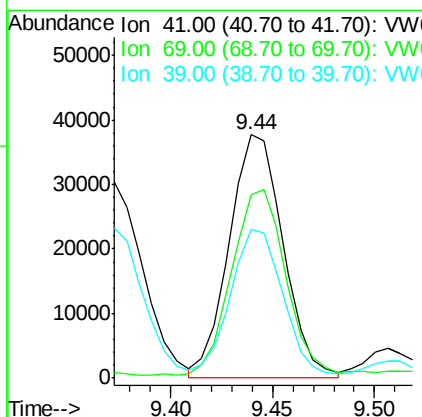
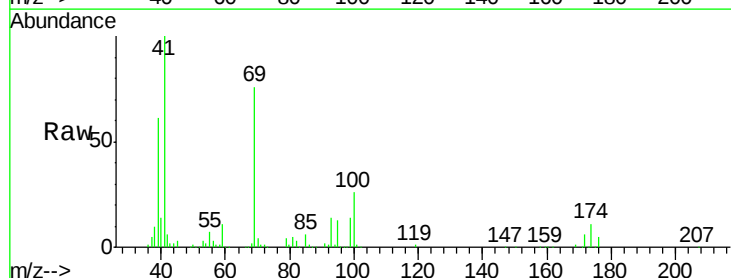
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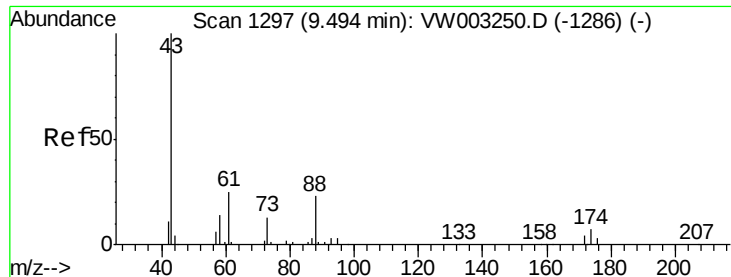
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#48
Methyl methacrylate
Concen: 79.99 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	77.1	65.4	98.2	
39	60.2	54.2	81.2	





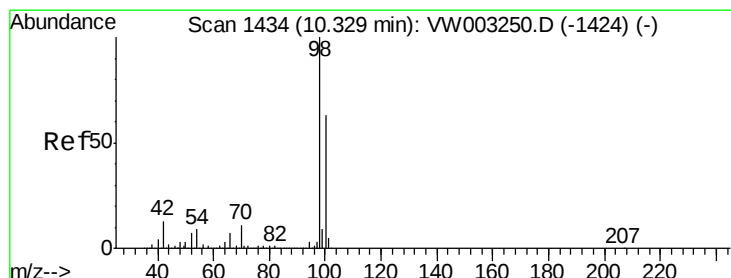
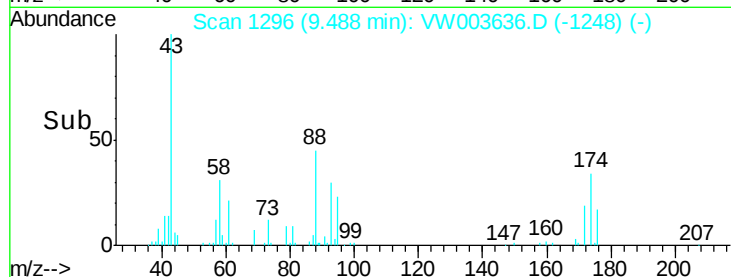
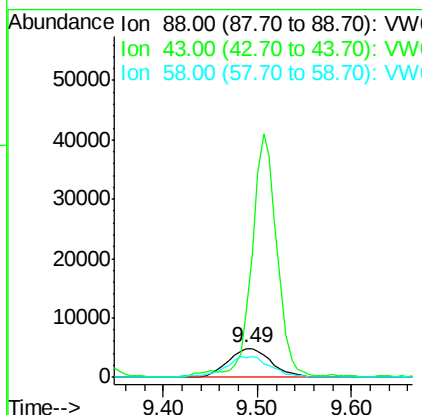
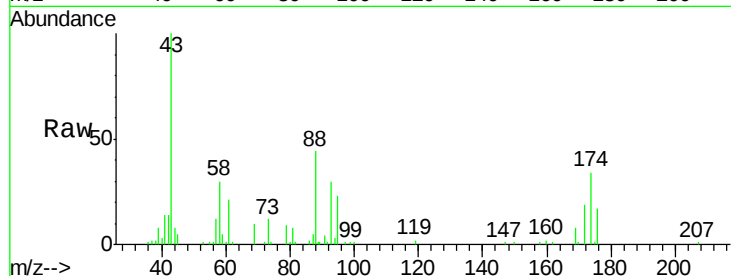
#49
1,4-Dioxane
Concen: 1280.91 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	499.5	454.7	682.1
58	75.7	58.6	88.0

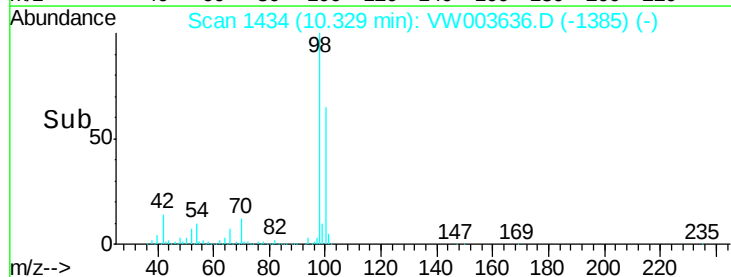
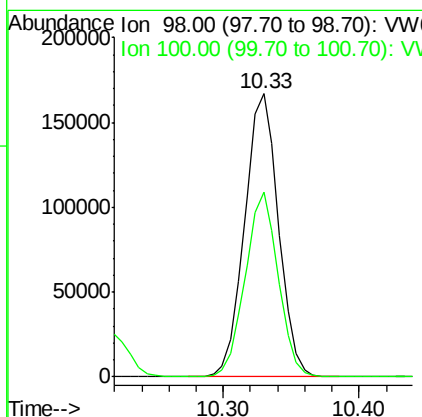
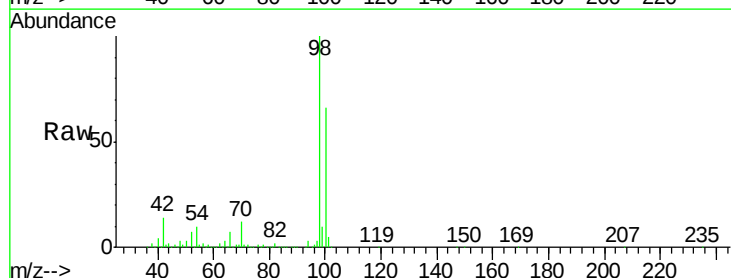
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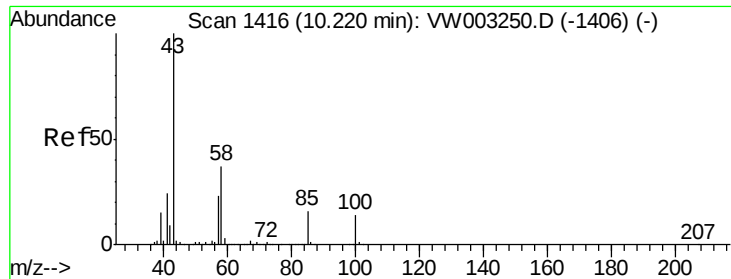
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#50
Toluene-d8
Concen: 50.77 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.8	76.2





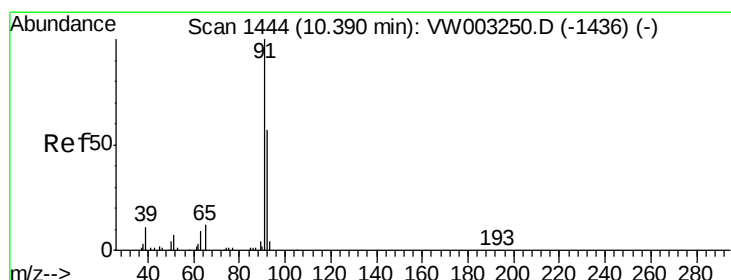
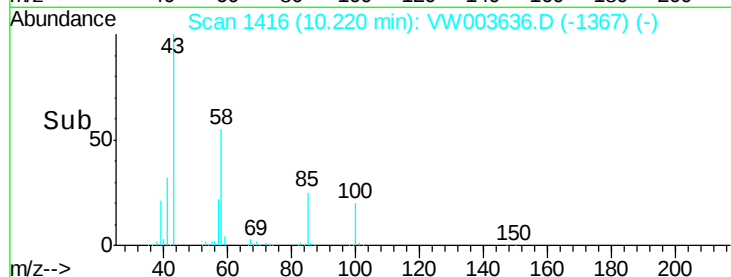
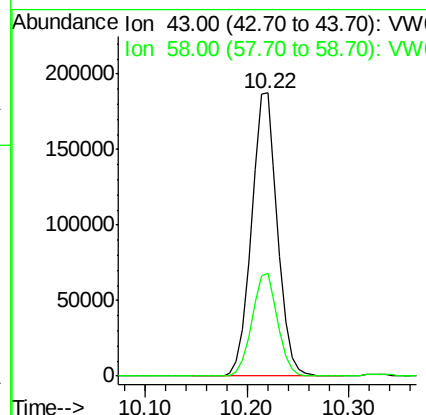
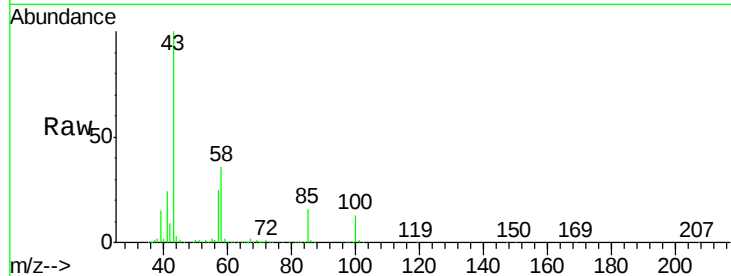
#51
4-Methyl-2-Pentanone
Concen: 351.85 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	43	Resp	330535
Ion Ratio	100	Lower	Upper
43	100		
58	36.2	29.0	43.4

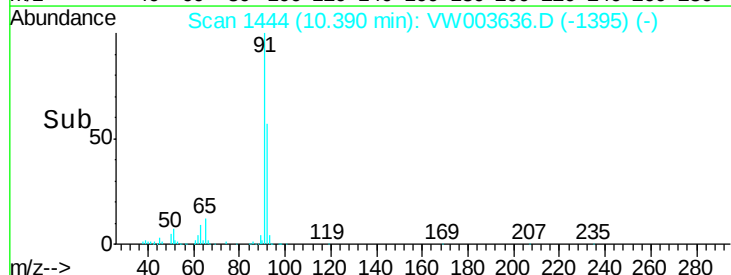
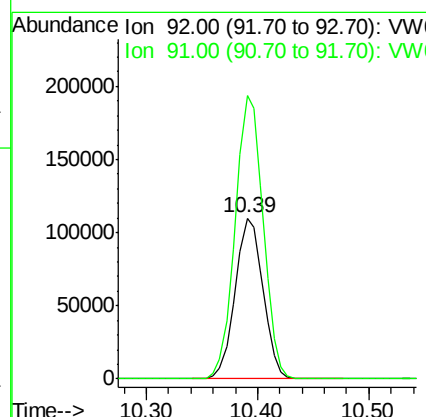
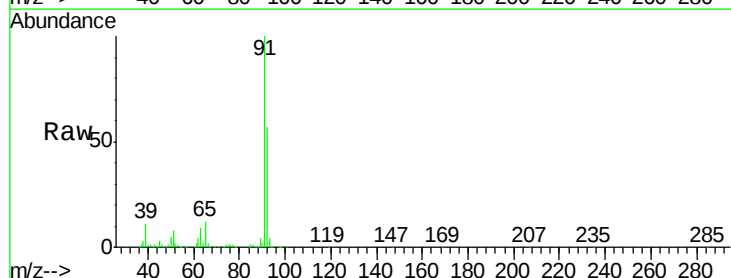
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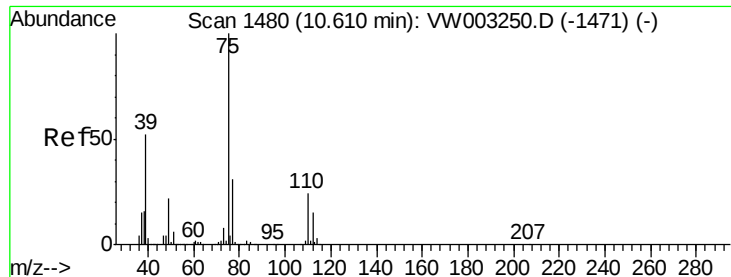
apatel
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#52
Toluene
Concen: 47.93 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	92	Resp	189864
Ion Ratio	100	Lower	Upper
92	100		
91	177.1	141.1	211.7





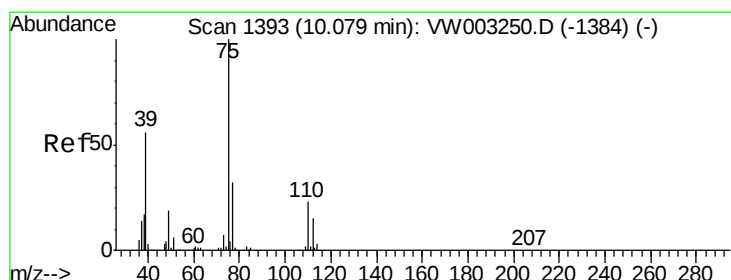
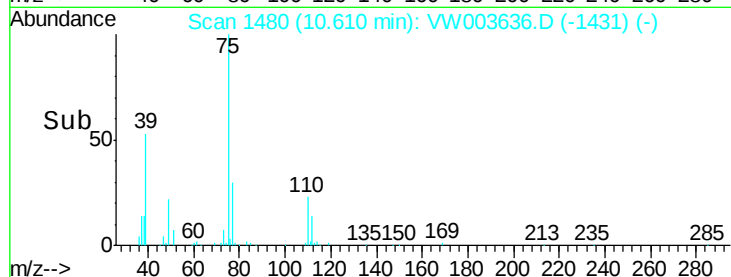
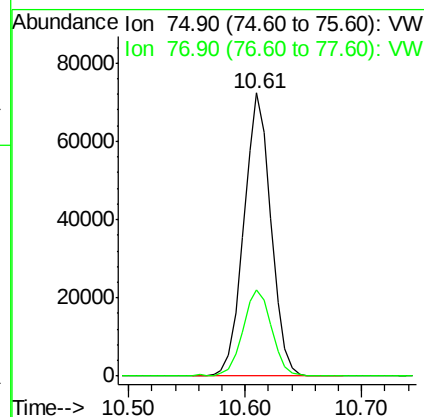
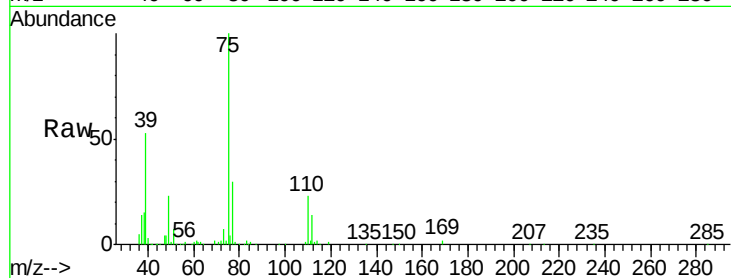
#53
t-1,3-Dichloropropene
Concen: 55.63 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	24.9	37.3

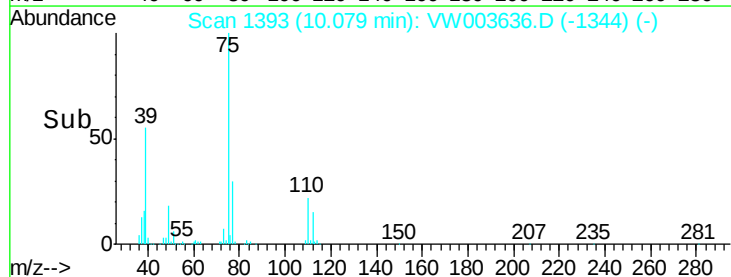
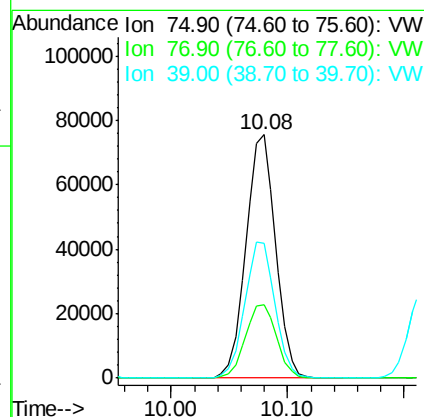
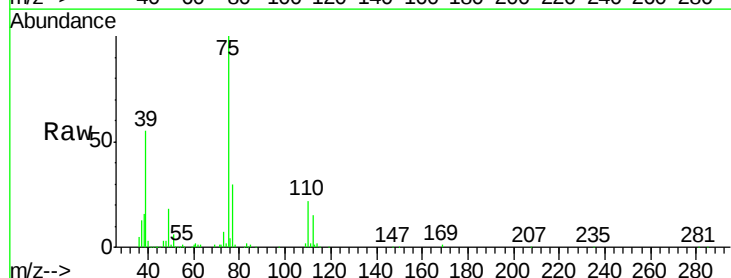
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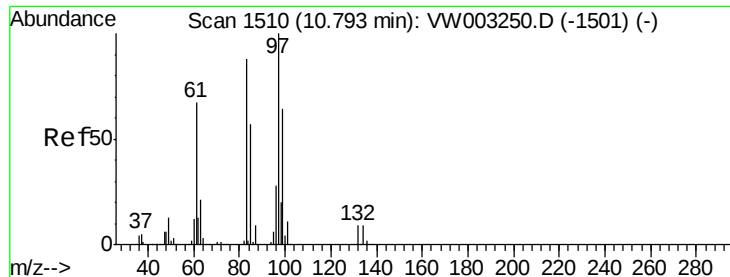
apatel
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#54
cis-1,3-Dichloropropene
Concen: 56.04 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.8	38.6
39	55.2	45.2	67.8





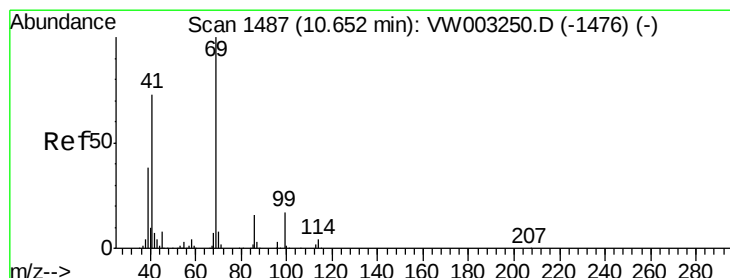
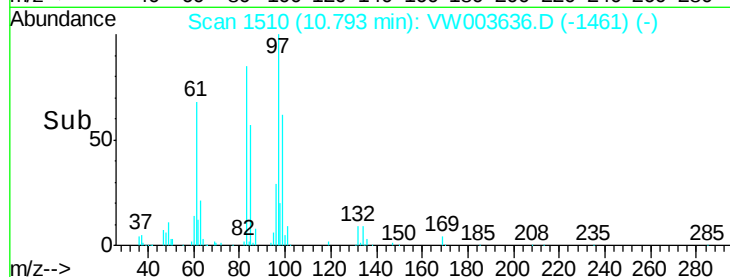
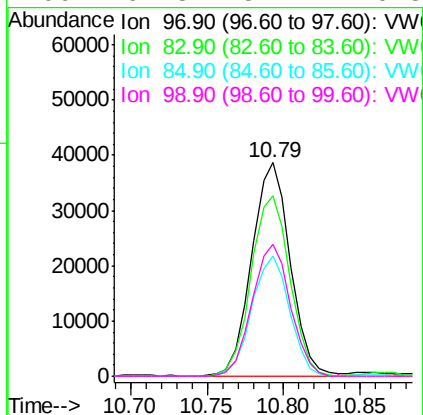
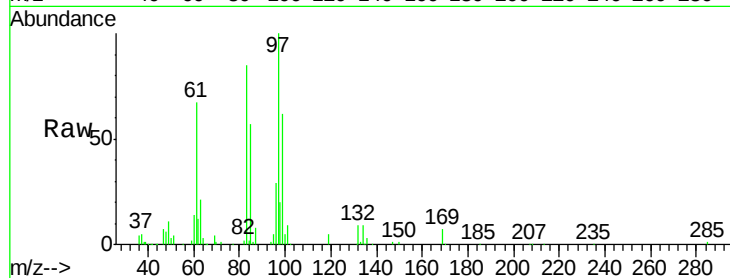
#55
 1,1,2-Trichloroethane
 Concen: 59.35 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion:	97	Resp:	67355
Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.2	105.2
85	56.7	45.6	68.4
99	61.8	51.2	76.8

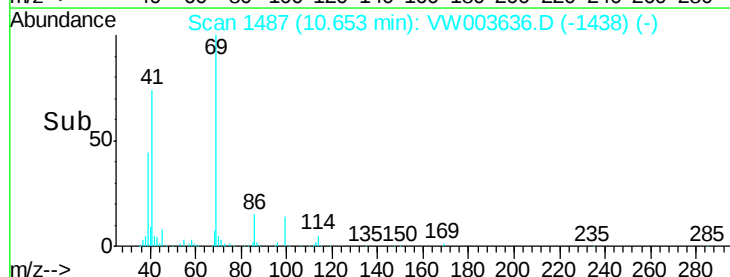
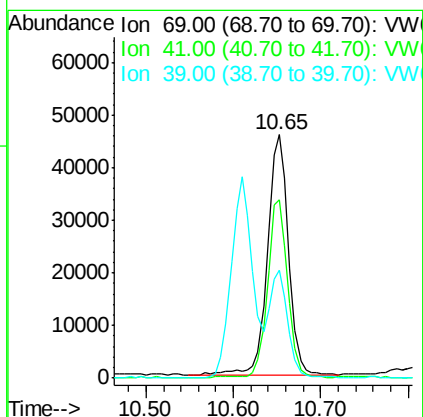
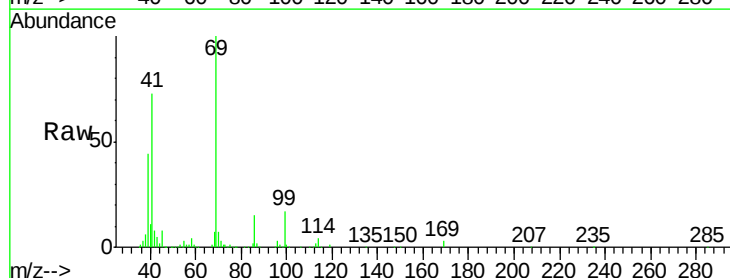
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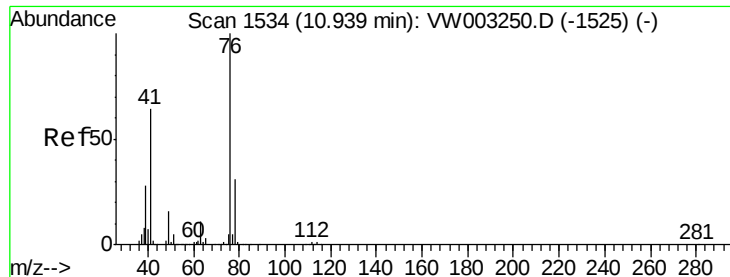
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#56
 Ethyl methacrylate
 Concen: 56.35 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion:	69	Resp:	77646
Ion	Ratio	Lower	Upper
69	100		
41	69.4	57.8	86.6
39	38.5	32.7	49.1





#57

1,3-Dichloropropane

Concen: 60.05 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion: 76 Resp: 117537

Ion Ratio Lower Upper

76 100

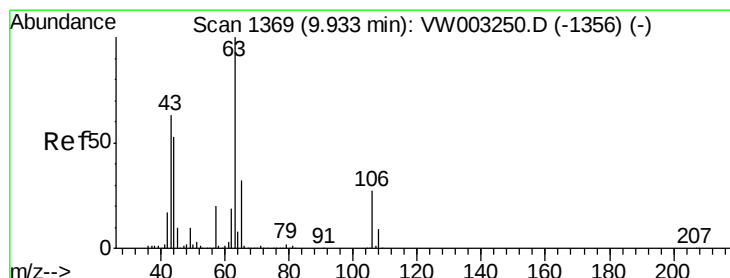
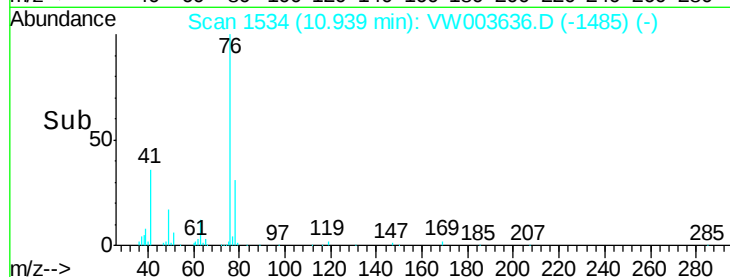
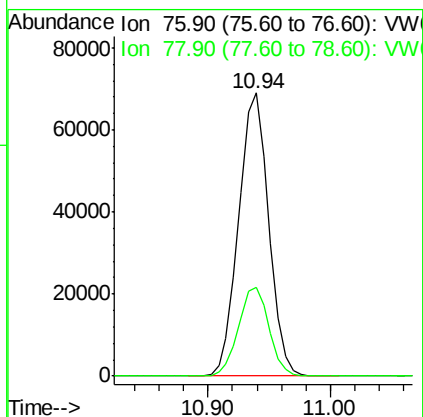
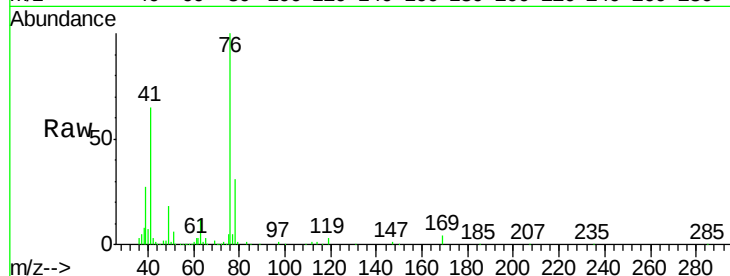
78 31.8 25.7 38.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 328.20 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003636.D

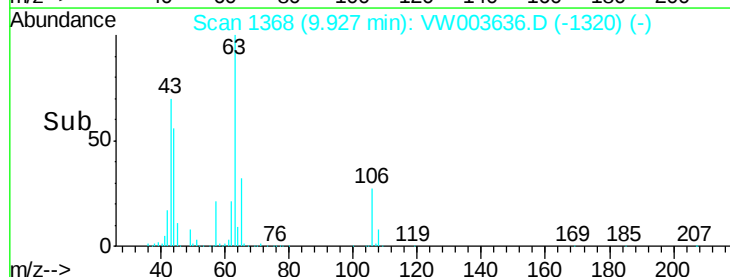
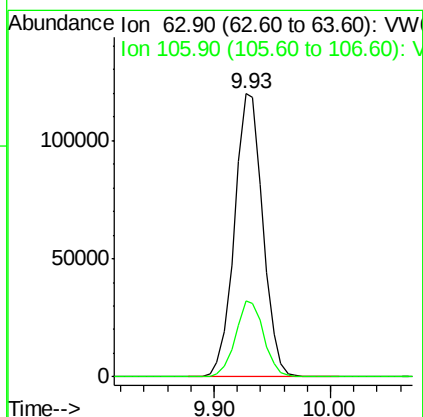
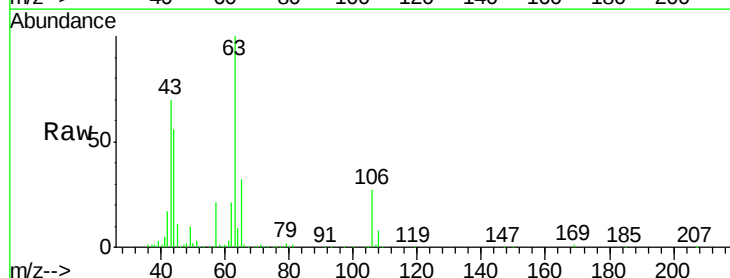
Acq: 28 Jun 2018 14:14

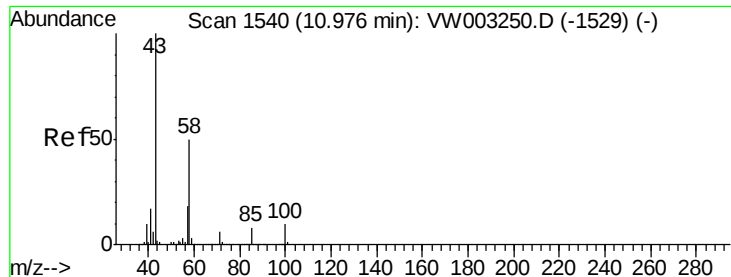
Tgt Ion: 63 Resp: 202739

Ion Ratio Lower Upper

63 100

106 26.7 21.8 32.8





#59

2-Hexanone

Concen: 340.54 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion: 43 Resp: 223489

Ion Ratio Lower Upper

43 100

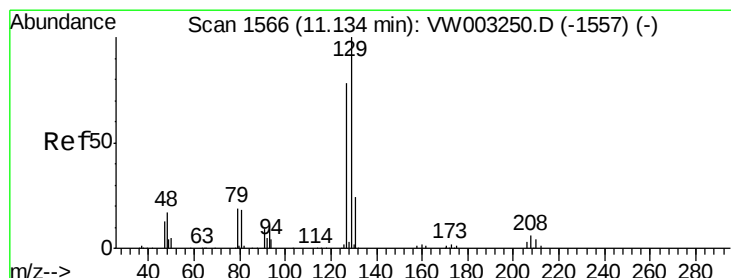
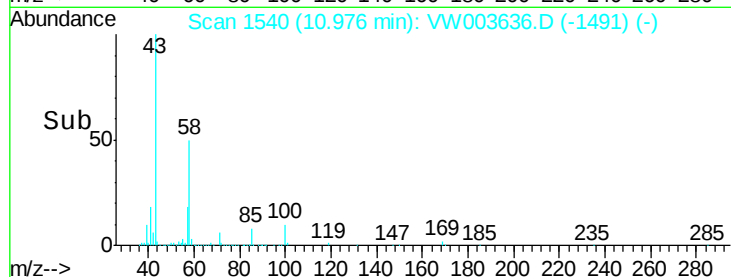
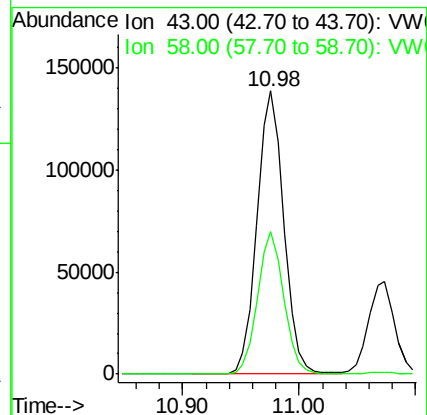
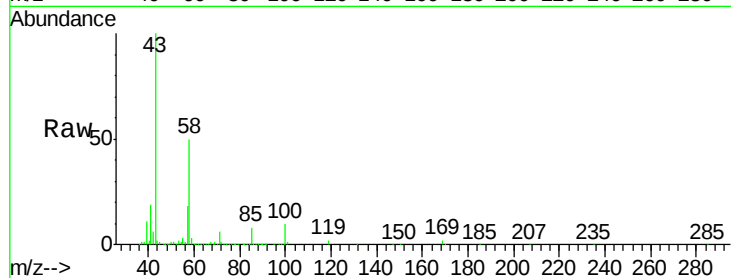
58 49.2 25.0 75.0

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#60

Dibromochloromethane

Concen: 53.14 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW003636.D

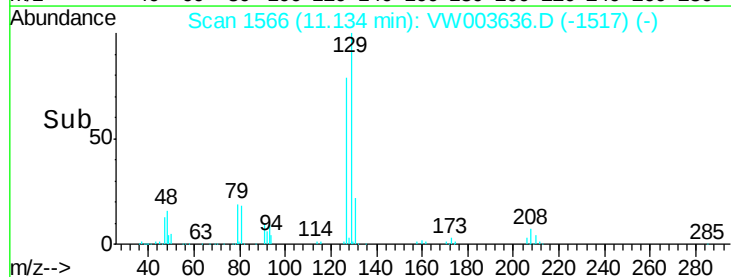
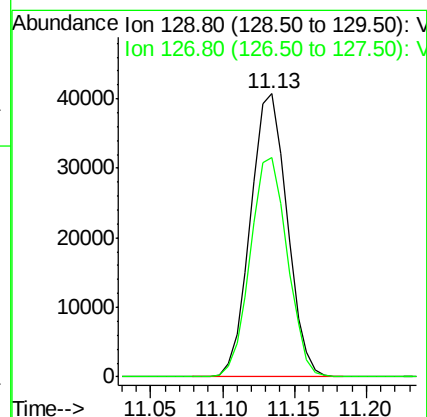
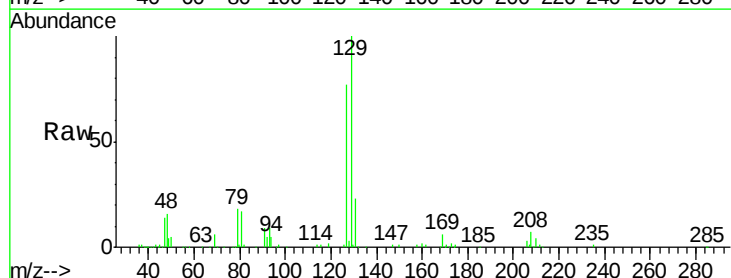
Acq: 28 Jun 2018 14:14

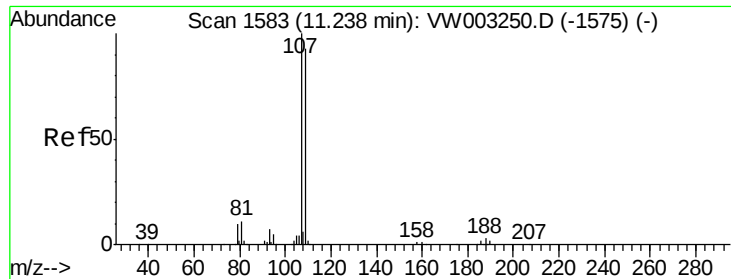
Tgt Ion: 129 Resp: 71719

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.5





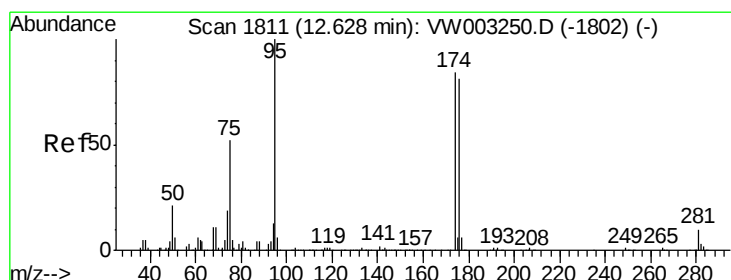
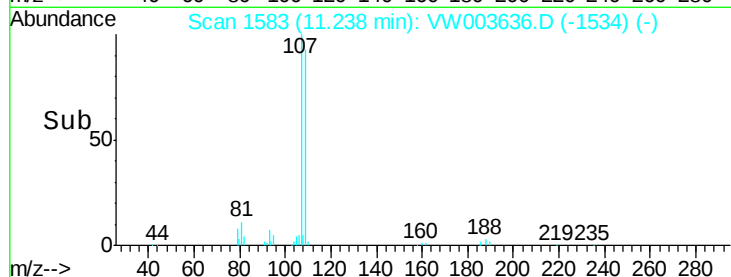
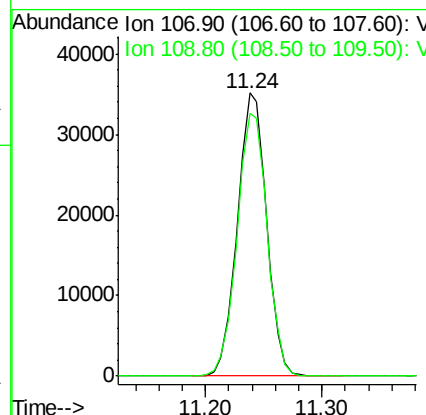
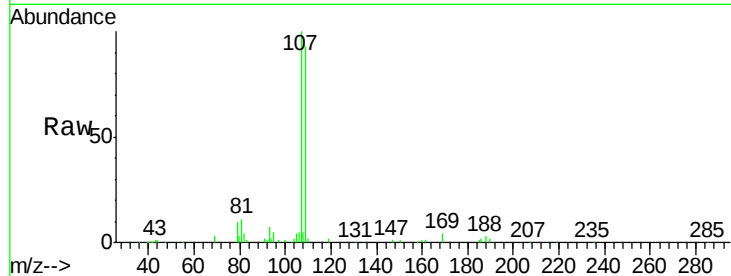
#61
 1,2-Dibromoethane
 Concen: 57.23 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion: 107 Resp: 61427
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.8 113.6

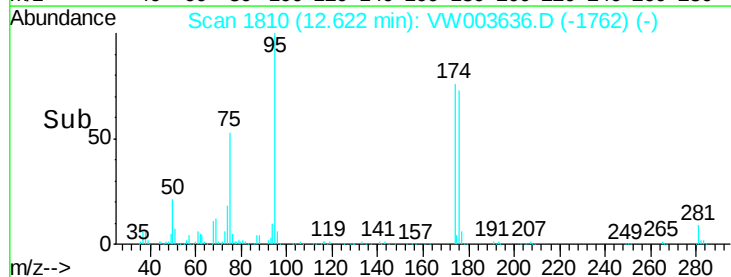
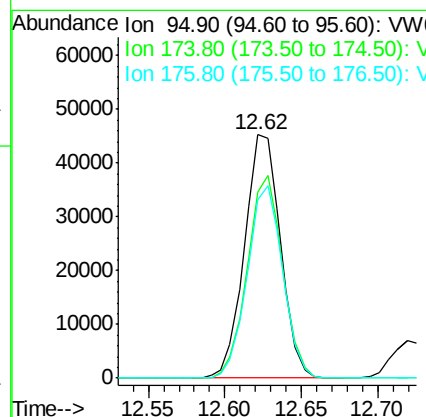
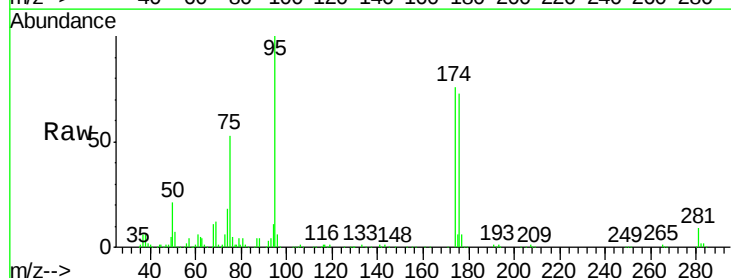
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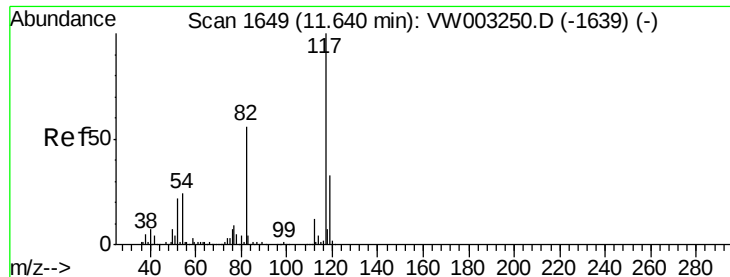
apatel
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#62
 4-Bromofluorobenzene
 Concen: 36.62 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion: 95 Resp: 74102
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 166.4
 176 77.5 0.0 162.0





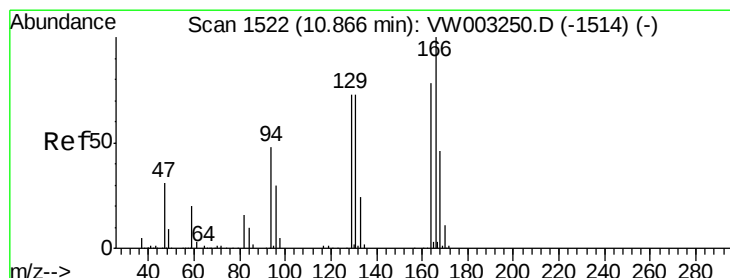
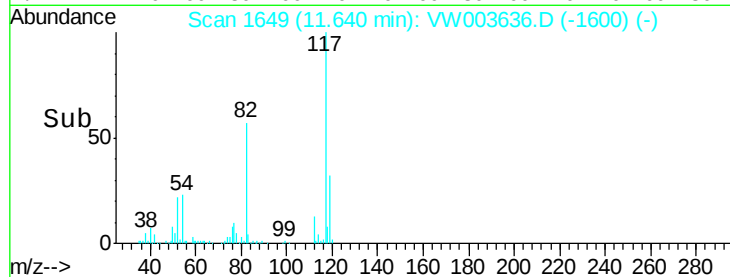
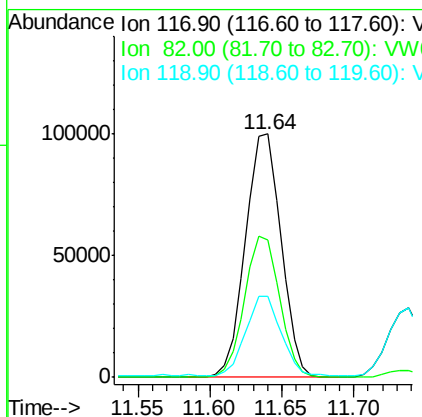
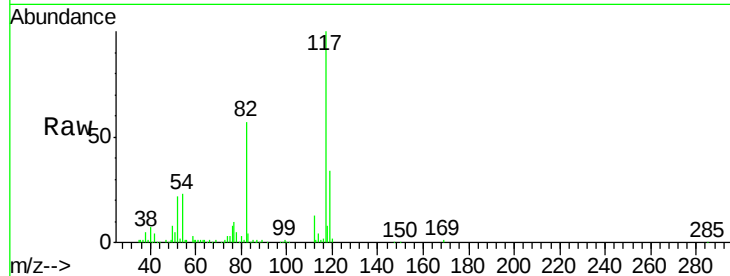
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.6	67.0
119	32.8	26.7	40.1

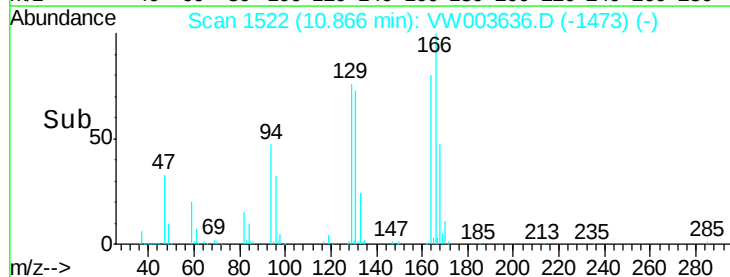
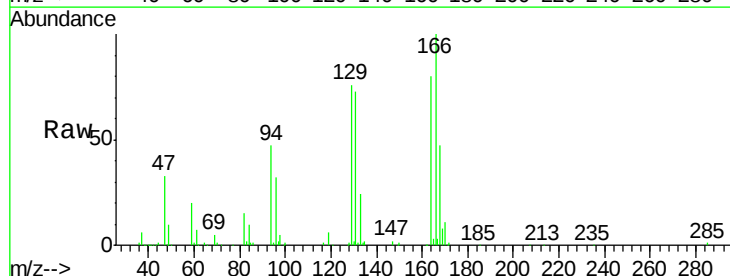
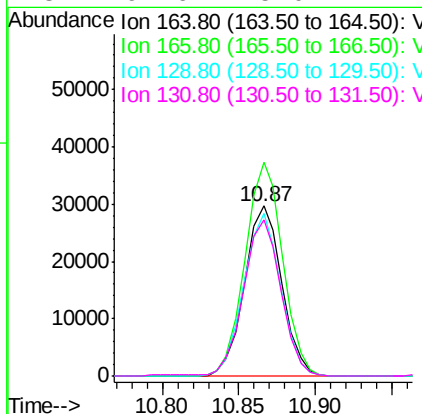
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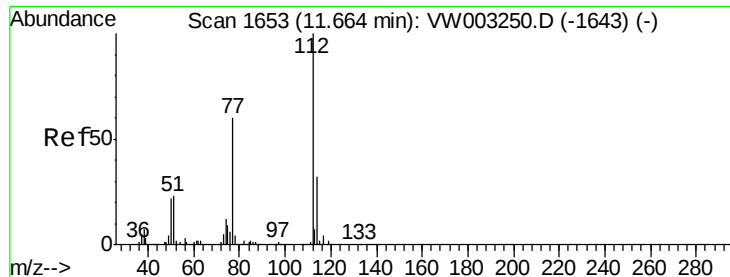
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#64
Tetrachloroethene
Concen: 43.71 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.6	154.0
129	96.0	75.2	112.8
131	91.6	75.0	112.4





#65

Chlorobenzene

Concen: 49.82 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion:112 Resp: 177964

Ion Ratio Lower Upper

112 100

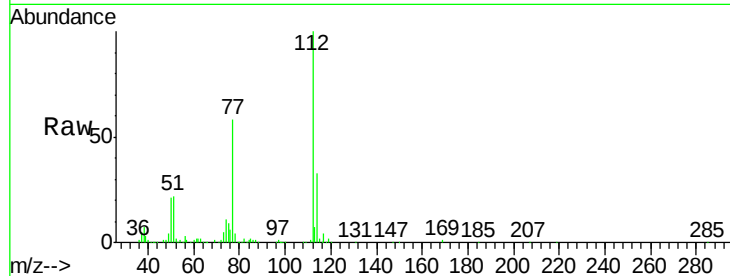
114 32.8 25.9 38.9

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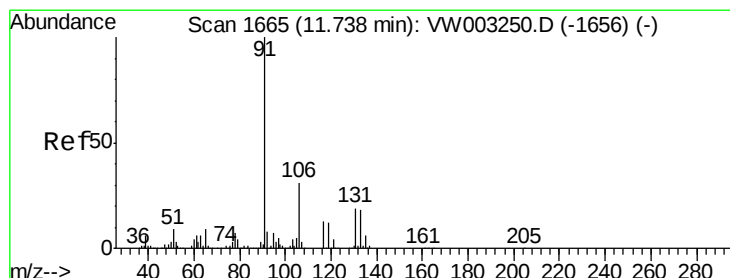
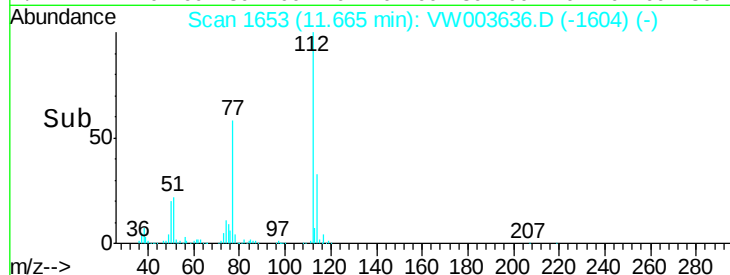
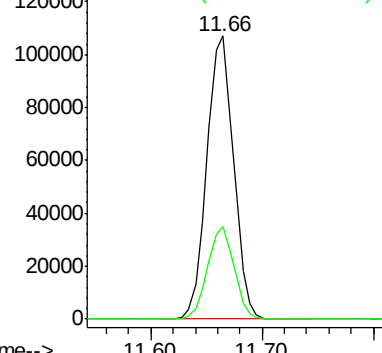
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 57.14 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

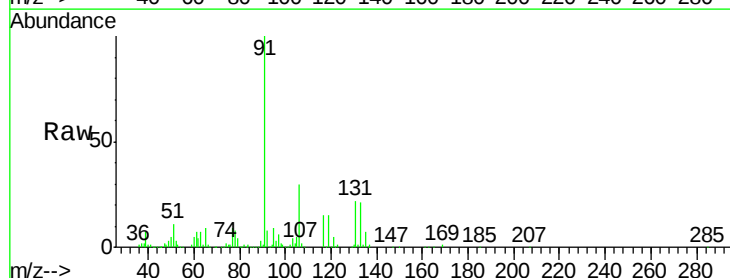
Tgt Ion:131 Resp: 71731

Ion Ratio Lower Upper

131 100

133 95.4 47.3 142.0

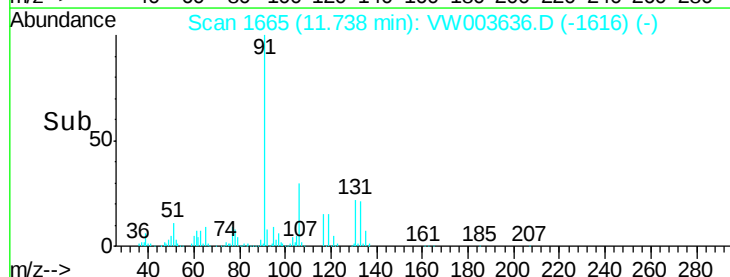
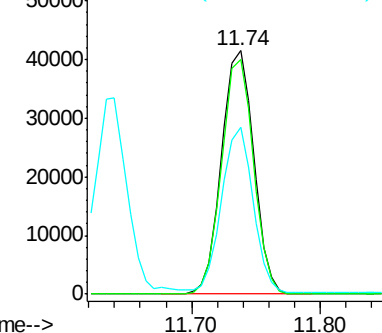
119 66.6 32.5 97.4

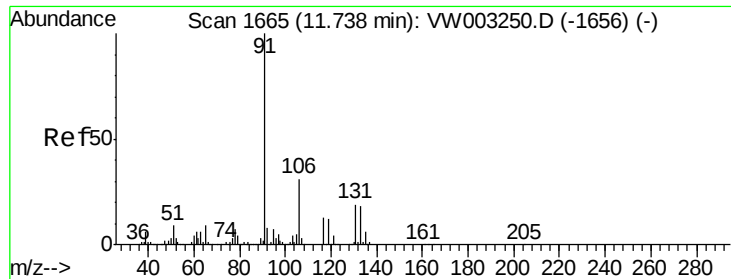


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.65 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion: 91 Resp: 301731

Ion Ratio Lower Upper

91 100

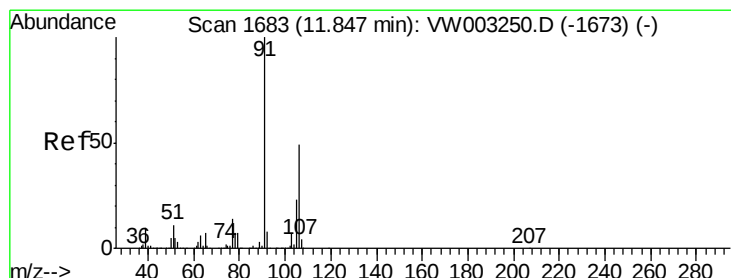
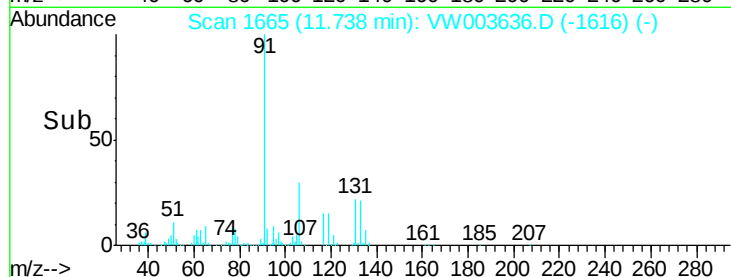
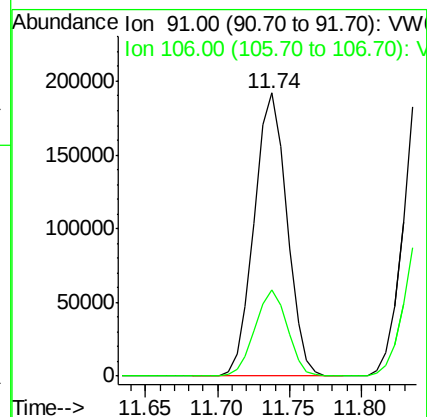
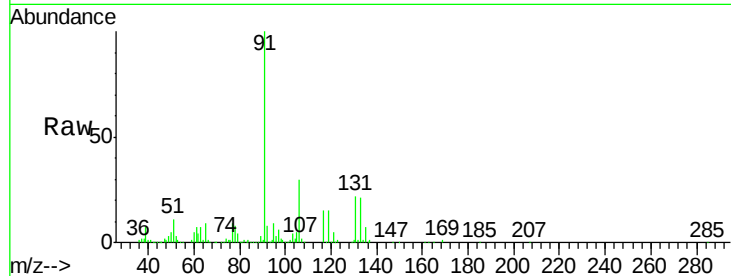
106 30.4 24.7 37.1

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#68

m/p-Xylenes

Concen: 93.69 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW003636.D

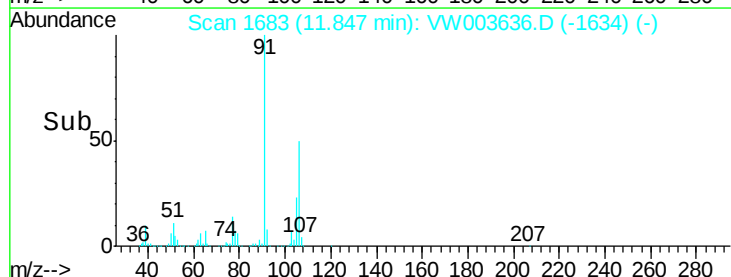
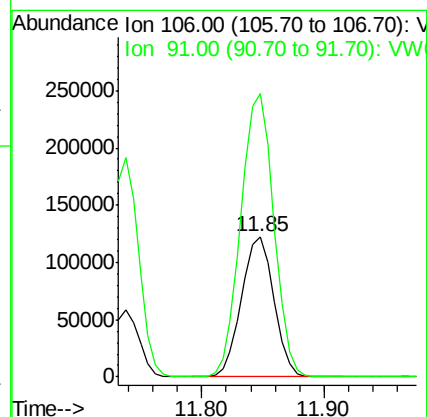
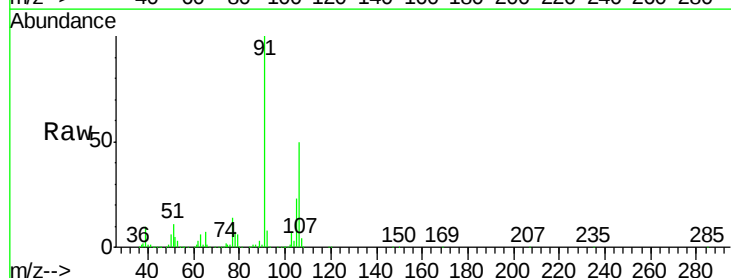
Acq: 28 Jun 2018 14:14

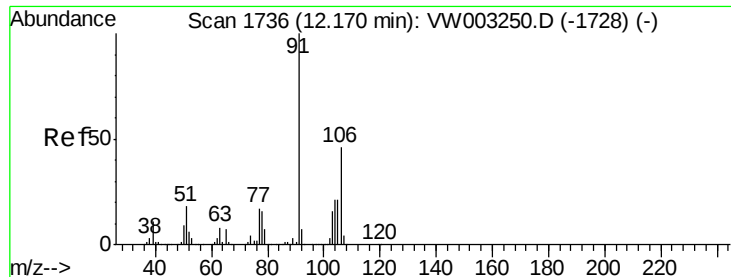
Tgt Ion: 106 Resp: 225525

Ion Ratio Lower Upper

106 100

91 205.1 165.4 248.0





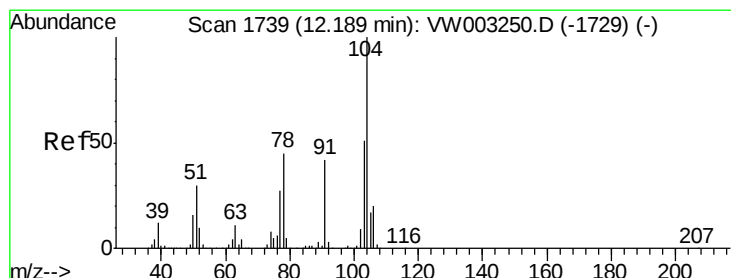
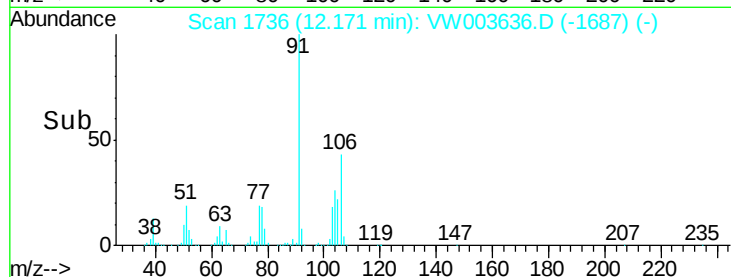
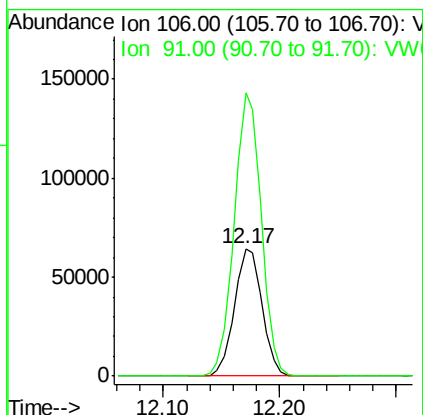
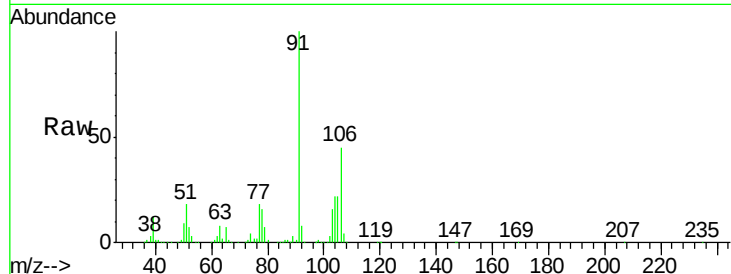
#69
o-Xylene
Concen: 47.64 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion:106 Resp: 106287
Ion Ratio Lower Upper
106 100
91 218.6 108.6 325.6

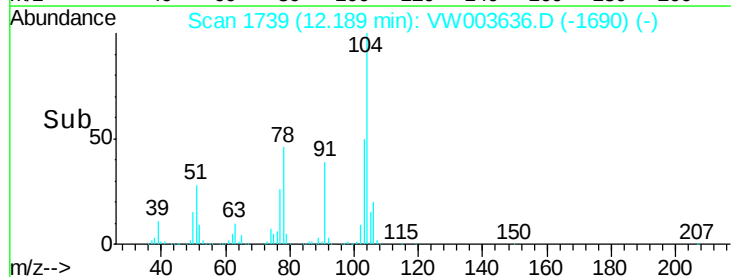
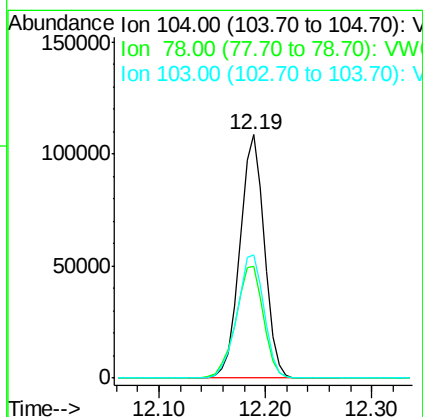
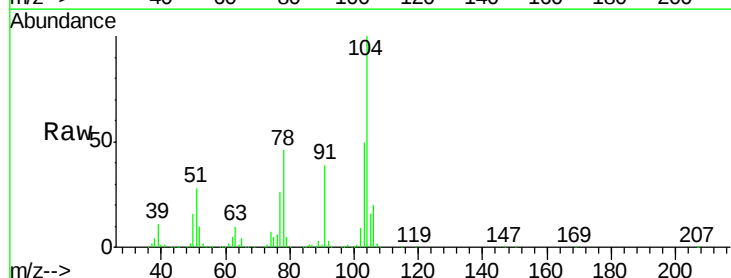
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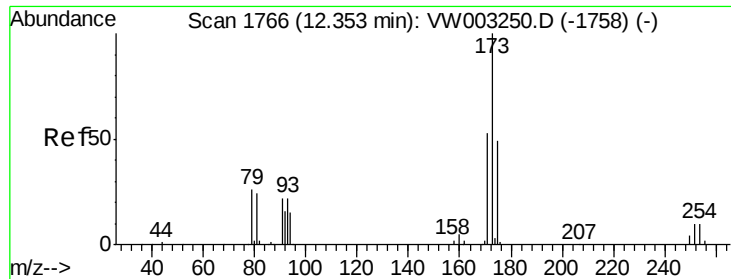
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#70
Styrene
Concen: 47.24 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion:104 Resp: 175432
Ion Ratio Lower Upper
104 100
78 52.0 41.3 61.9
103 56.0 45.0 67.4





#71

Bromoform

Concen: 62.65 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

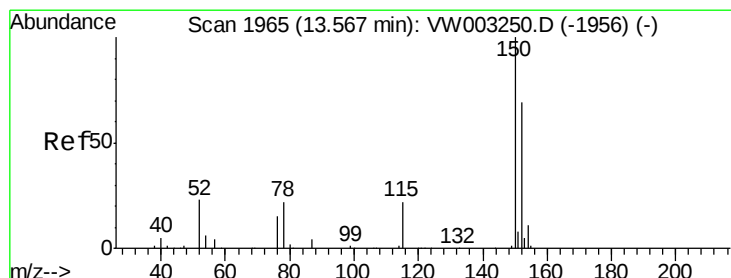
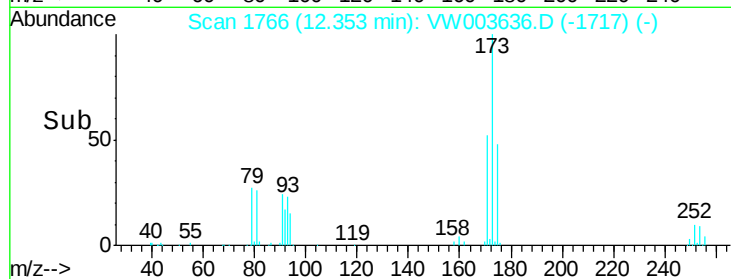
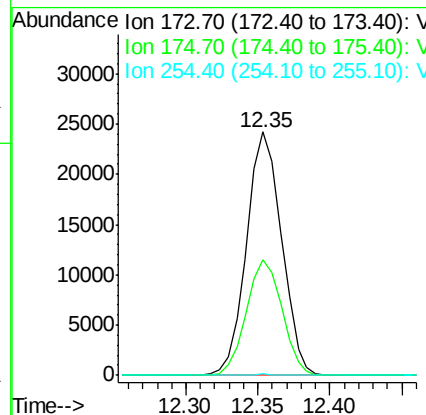
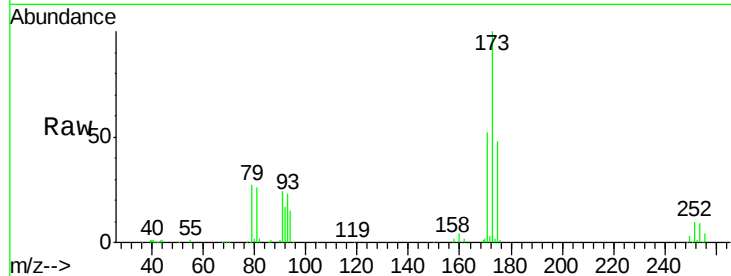
ClientSampleId :

EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.4	73.4
254	0.2	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

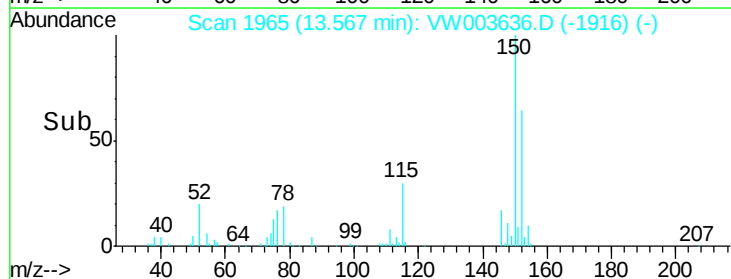
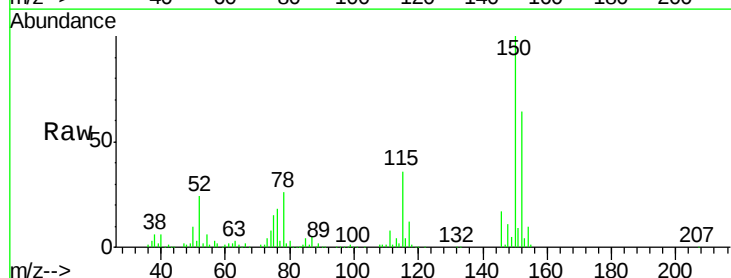
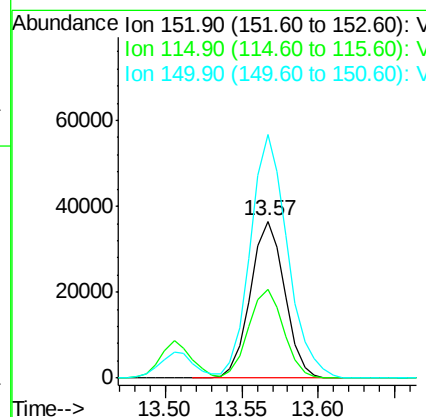
RT: 13.57 min Scan# 1965

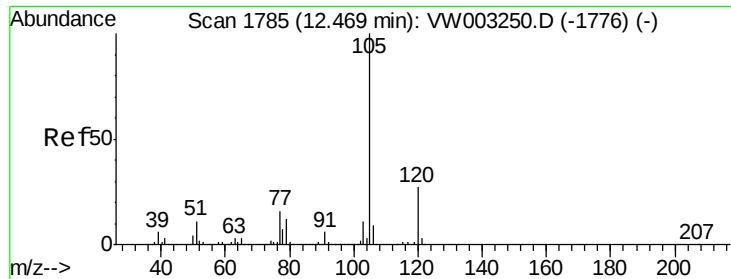
Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.3	88.0
150	168.9	0.0	349.6





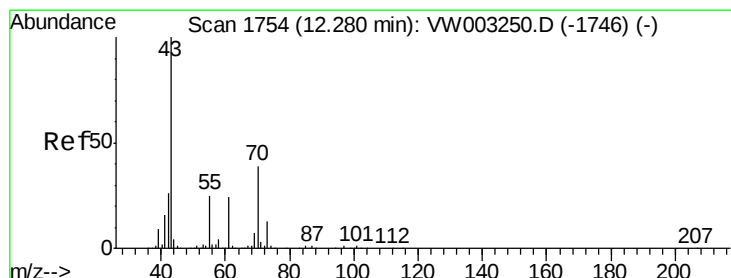
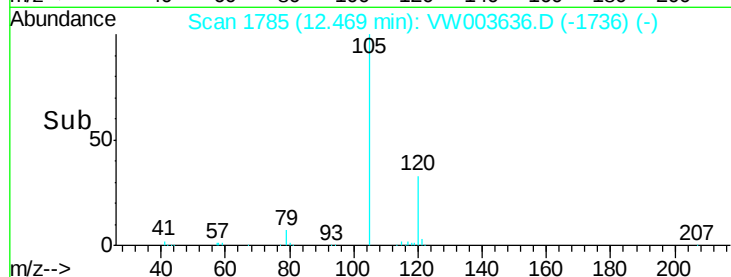
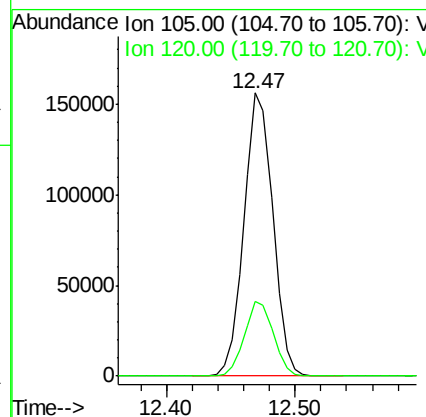
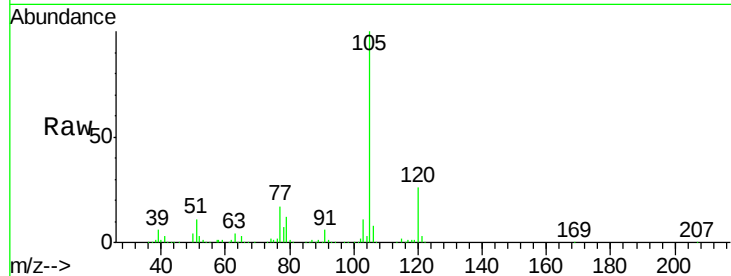
#73
Isopropylbenzene
Concen: 60.89 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.6

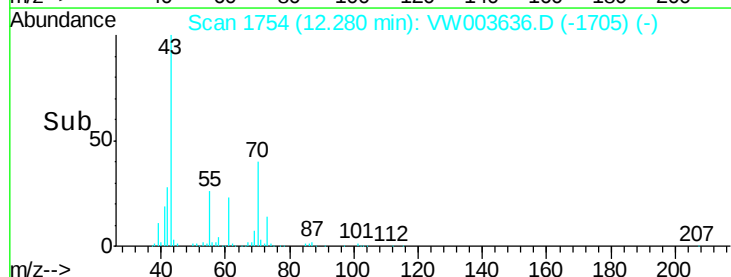
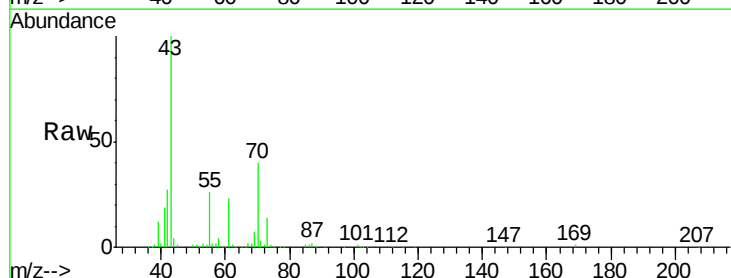
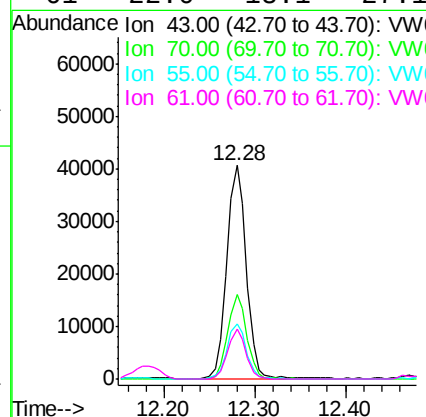
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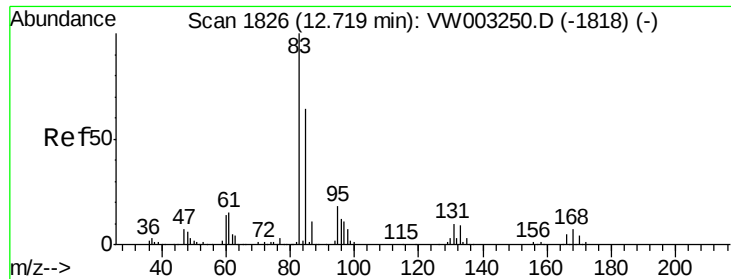
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#74
N-ethyl acetate
Concen: 67.33 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.8	31.0	46.6
55	26.0	19.7	29.5
61	22.0	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 104.11 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

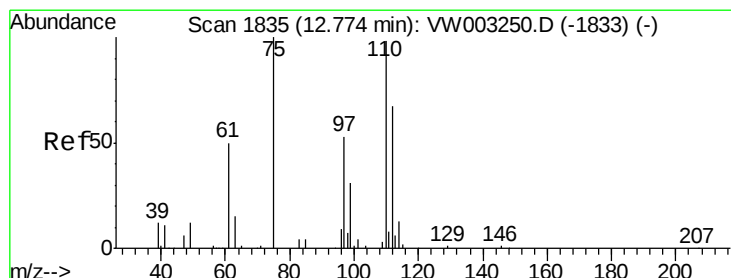
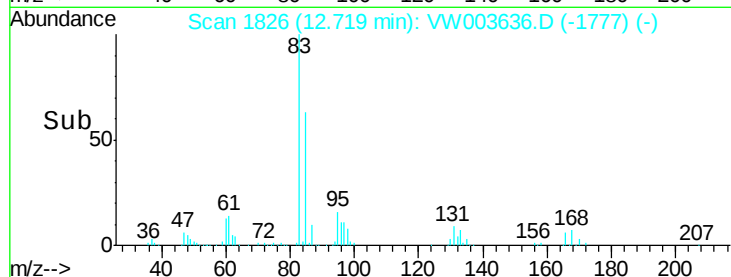
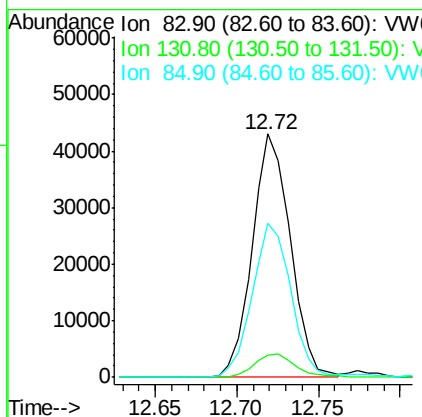
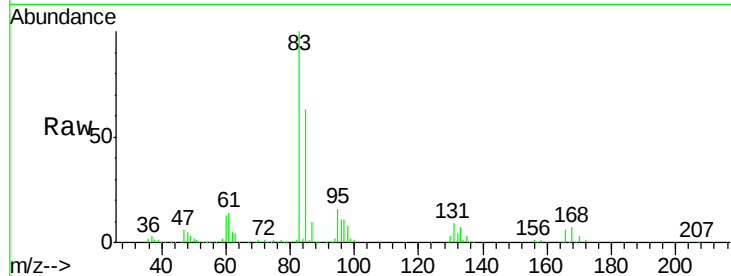
ClientSampleId :

EME-FW-TS004-01MS

Tot Ion:	83	Resp:	69813
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	64.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 107.11 ug/l m

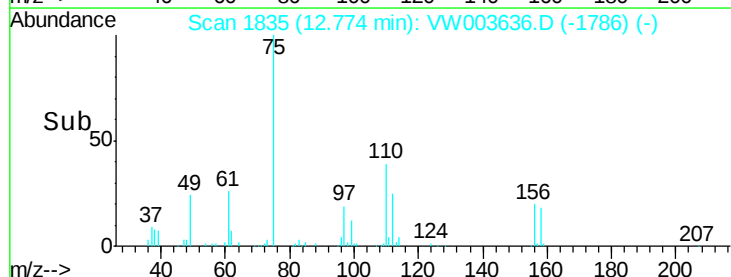
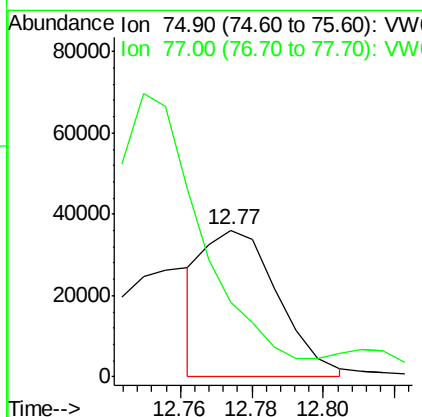
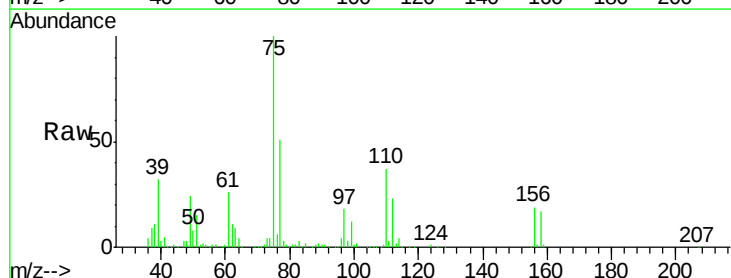
RT: 12.77 min Scan# 1835

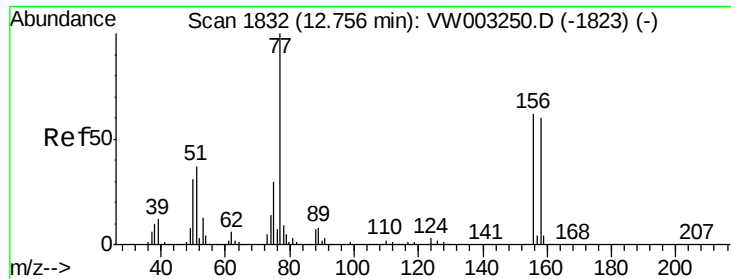
Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tgt Ion:	75	Resp:	52182
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





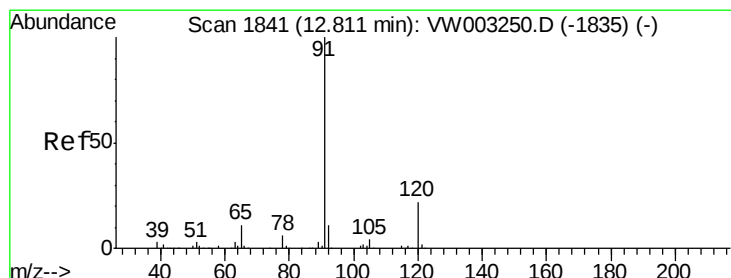
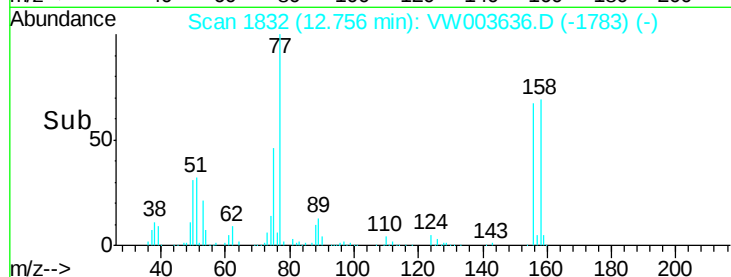
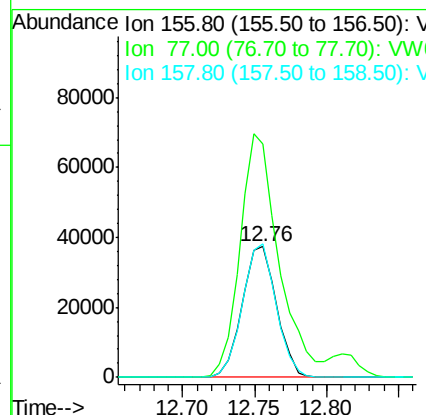
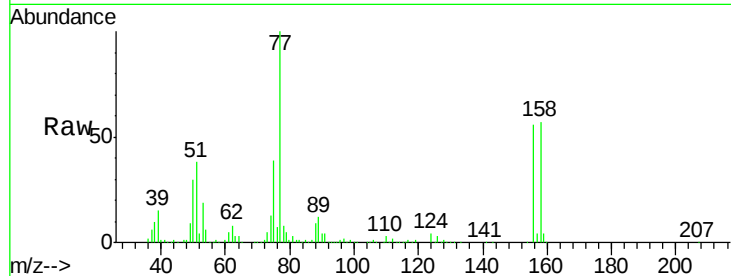
#77
Bromobenzene
Concen: 67.07 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	211.3	92.3	276.9
158	99.6	47.5	142.6

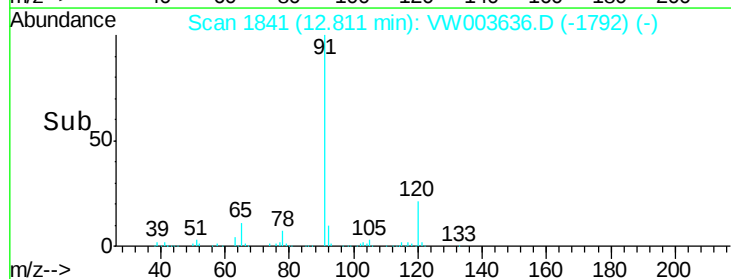
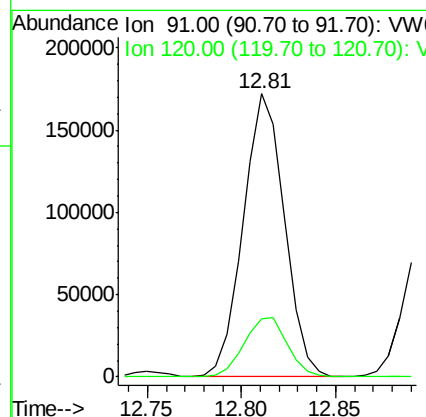
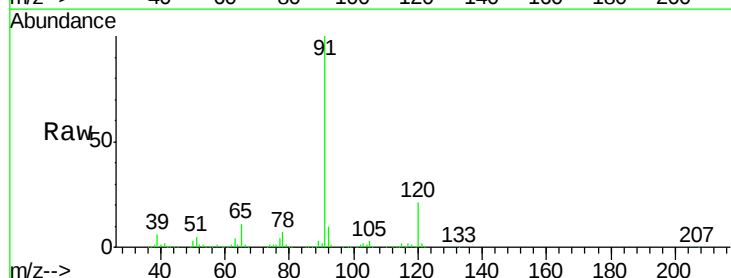
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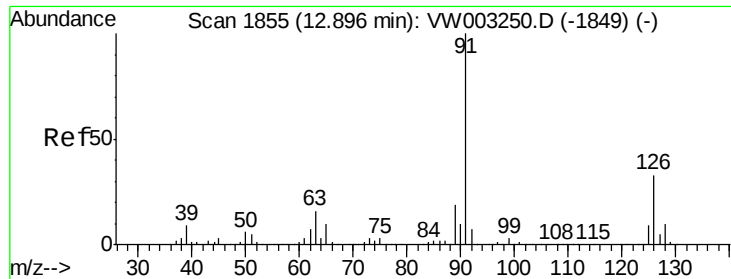
apatel
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#78
n-propylbenzene
Concen: 53.72 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.3	33.8





#79

2-Chlorotoluene

Concen: 57.03 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion: 91 Resp: 156423

Ion Ratio Lower Upper

91 100

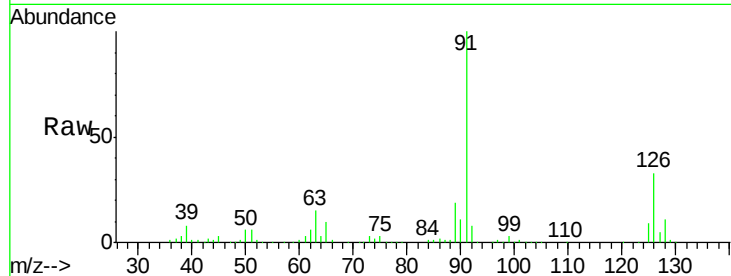
126 33.1 16.8 50.4

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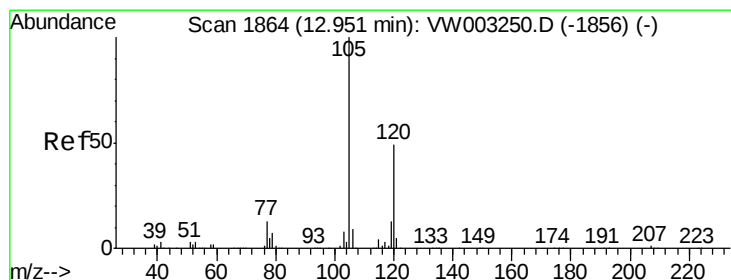
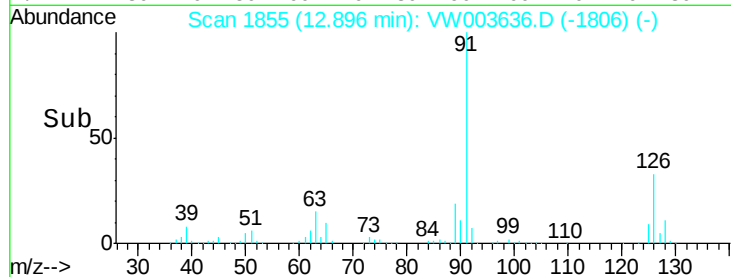
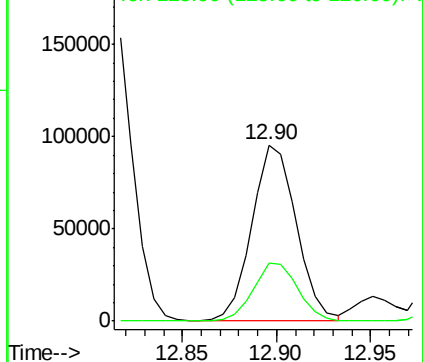
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.49 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003636.D

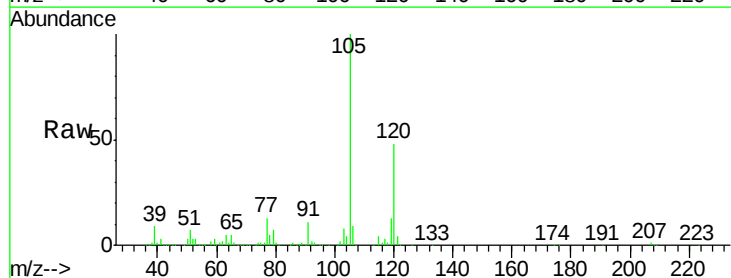
Acq: 28 Jun 2018 14:14

Tgt Ion:105 Resp: 177945

Ion Ratio Lower Upper

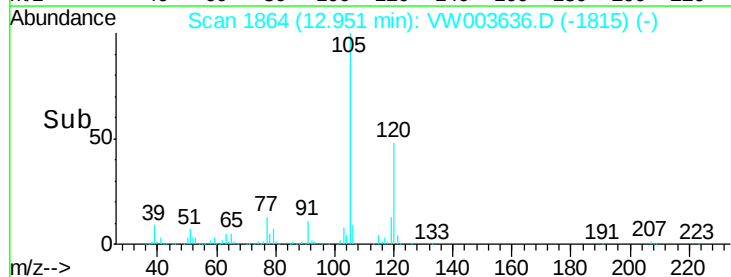
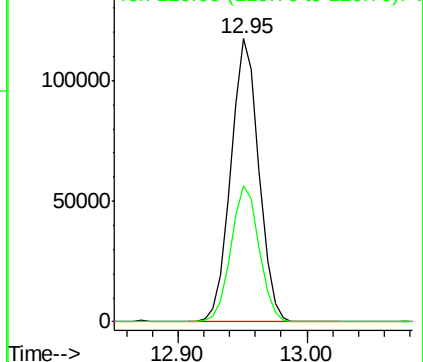
105 100

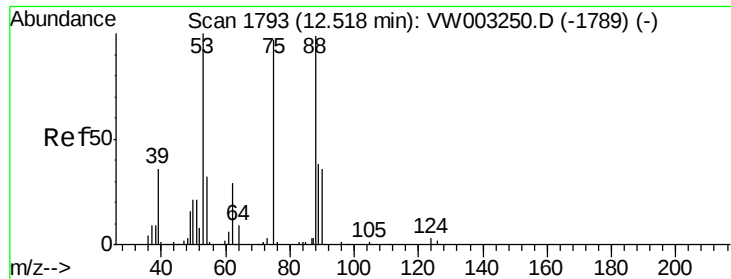
120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





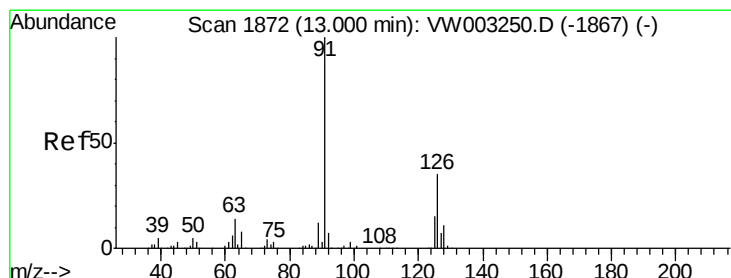
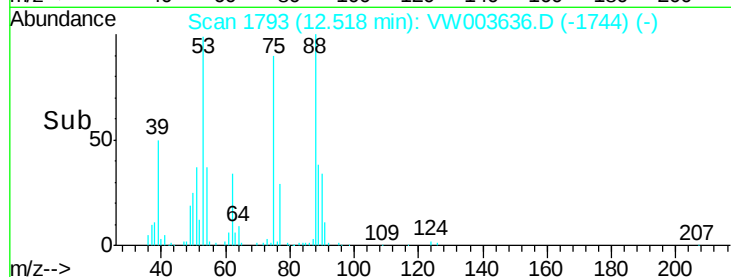
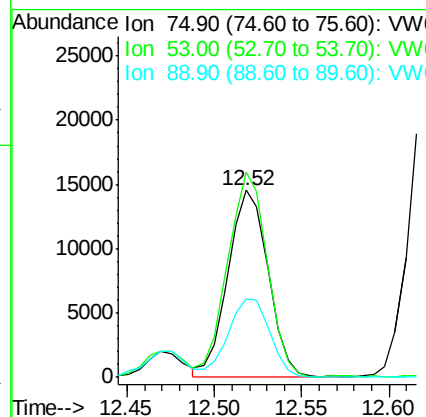
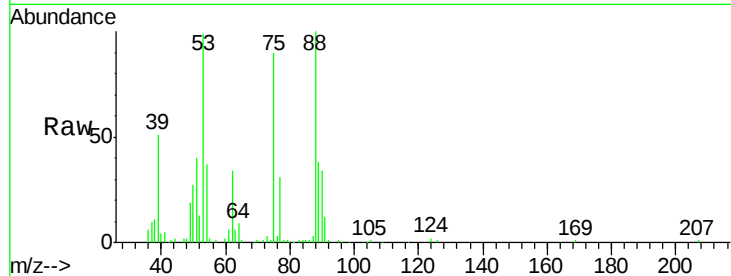
#81
trans-1,4-Dichloro-2-butene
Concen: 110.25 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.3	82.9	124.3
89	43.2	36.7	55.1

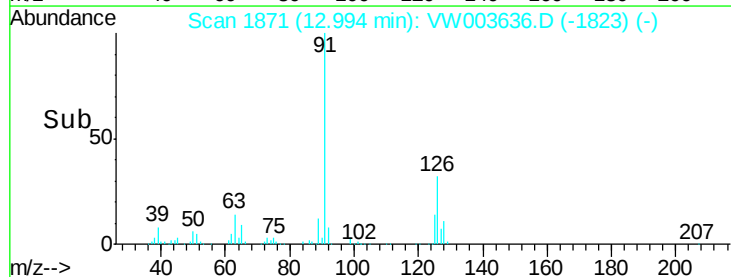
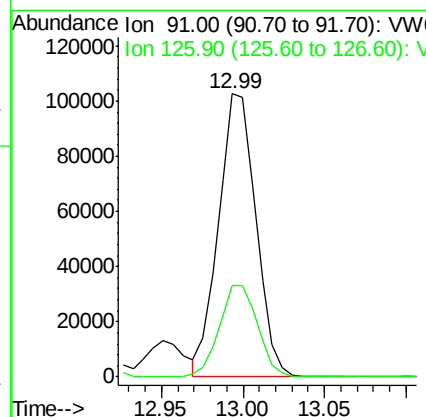
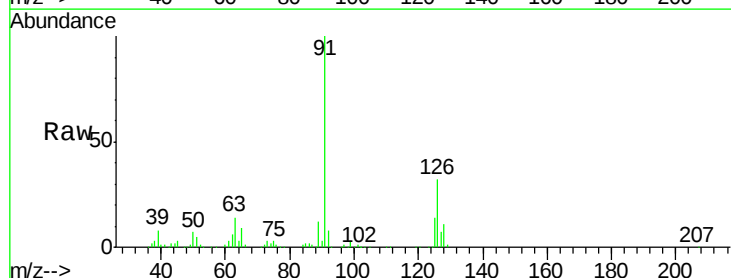
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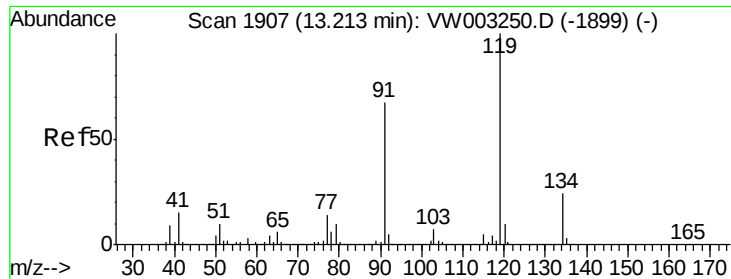
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#82
4-Chlorotoluene
Concen: 56.13 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.8	50.3





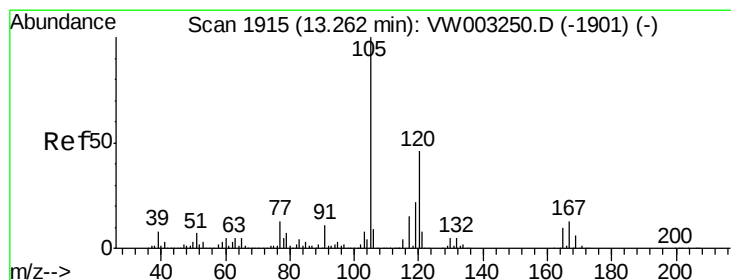
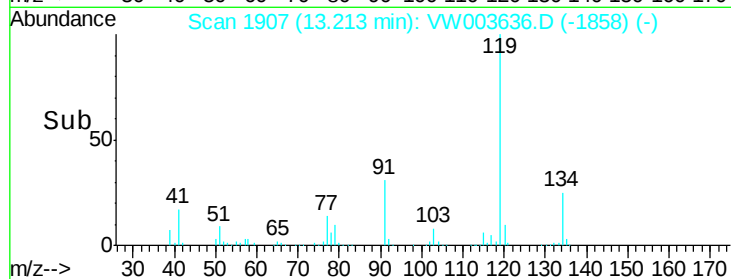
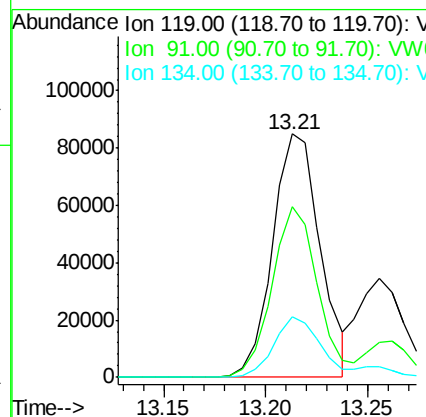
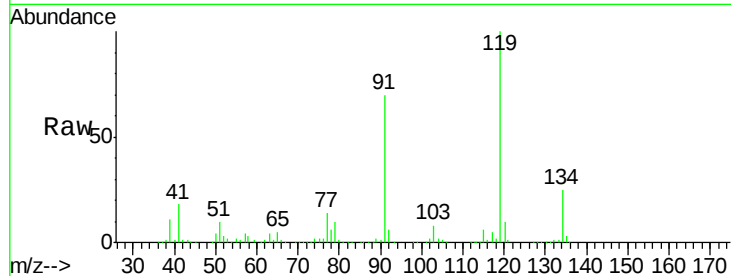
#83
 tert-Butylbenzene
 Concen: 48.76 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	138261		
91	67.6	33.9	101.7	
134	24.4	13.4	40.1	

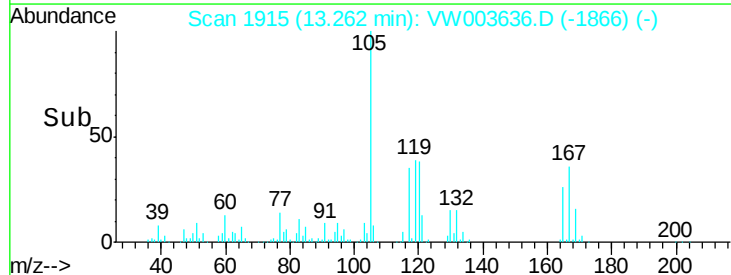
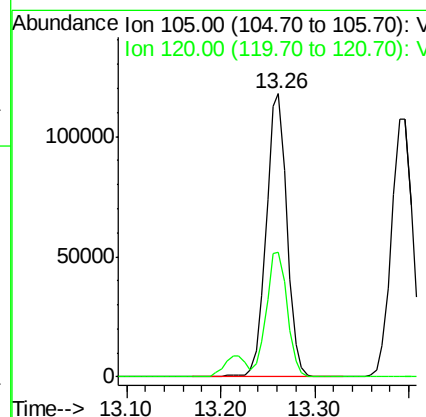
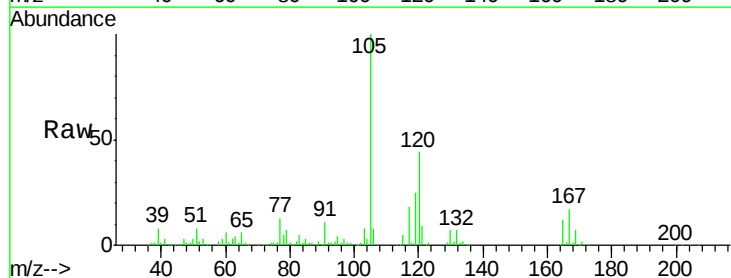
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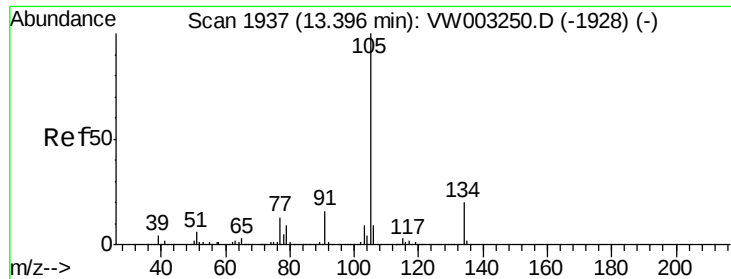
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.51 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183139		
120	44.6	22.5	67.5	





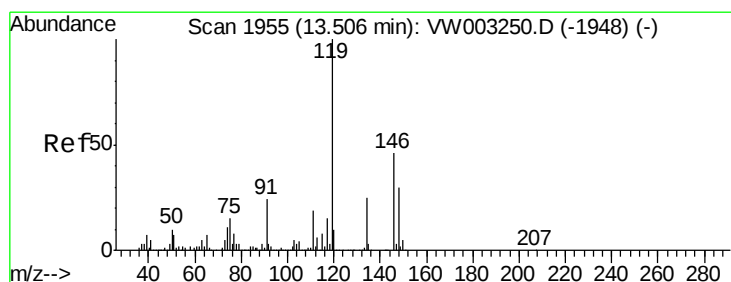
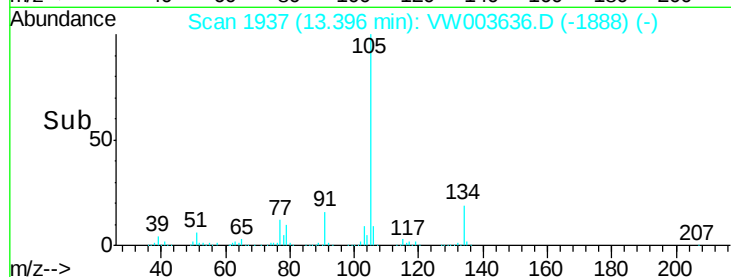
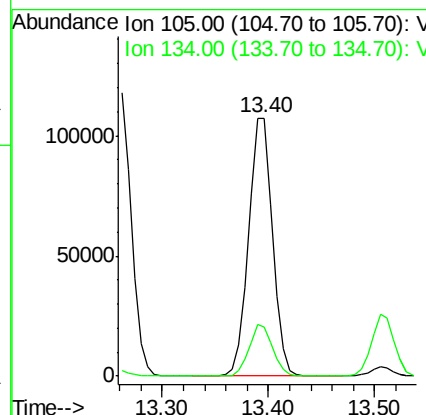
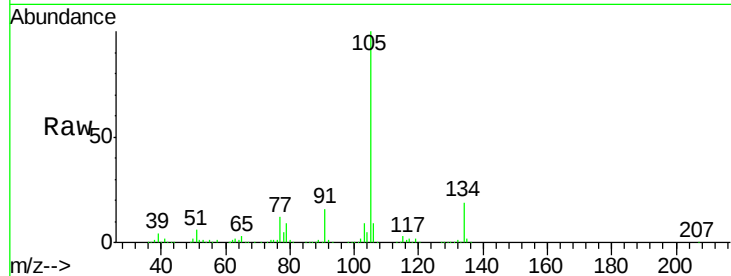
#85
 sec-Butylbenzene
 Concen: 40.32 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	169936		
134	19.4	9.8	29.5	

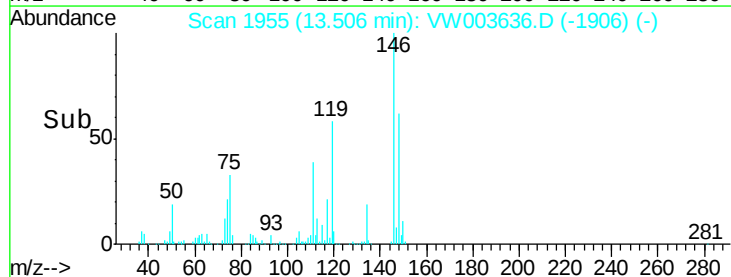
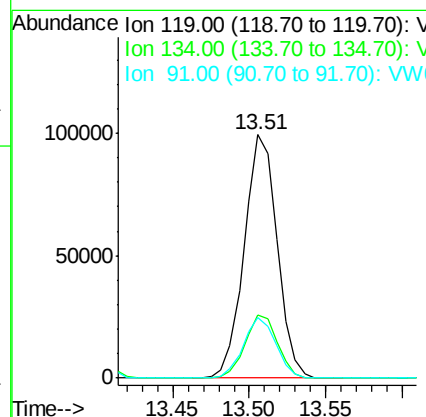
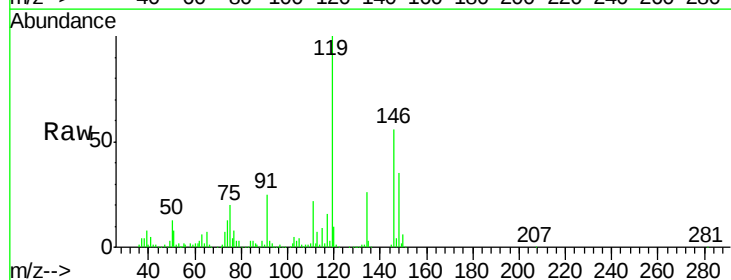
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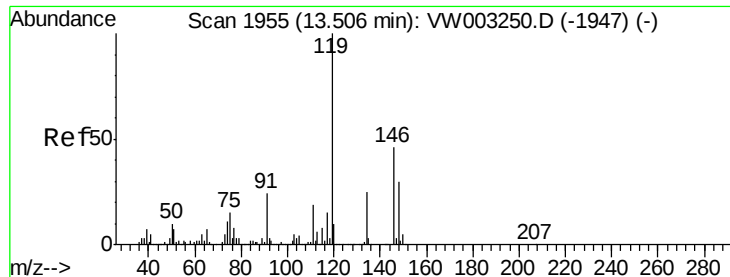
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#86
 p-Isopropyltoluene
 Concen: 39.90 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	148313		
134	25.7	12.9	38.7	
91	24.3	11.8	35.3	





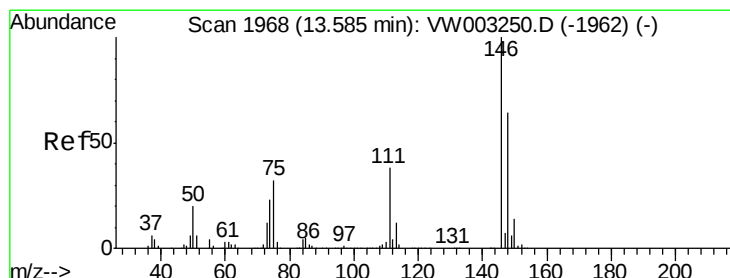
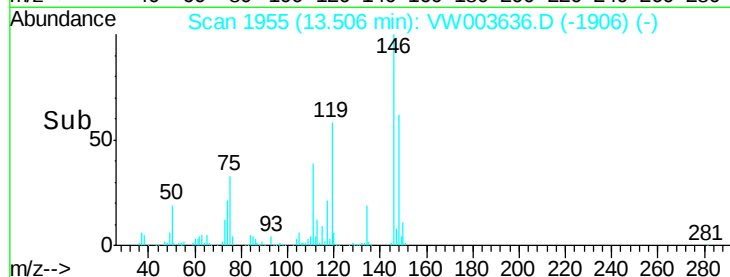
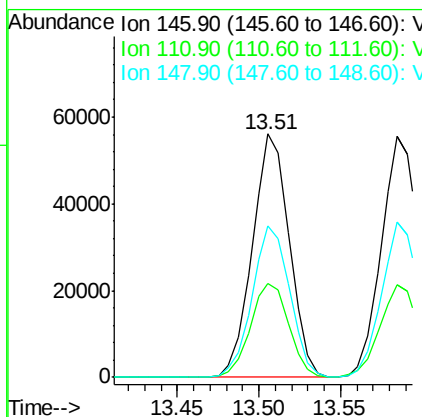
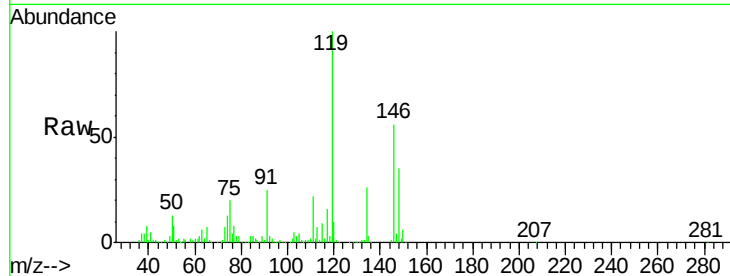
#87
 1,3-Dichlorobenzene
 Concen: 46.67 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.4
148	63.3	32.1	96.5

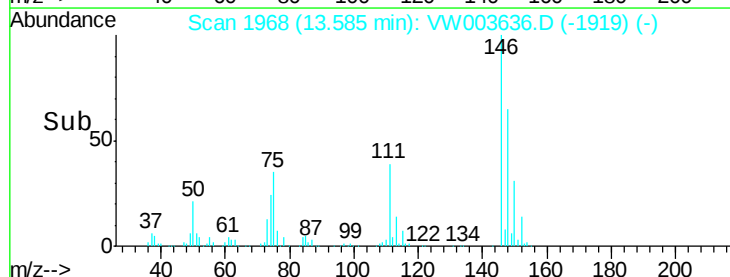
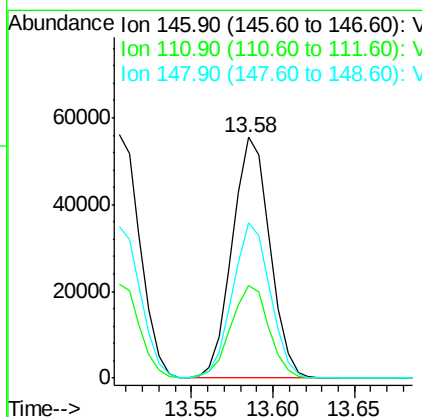
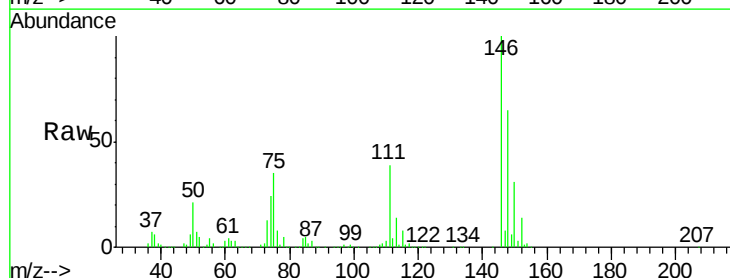
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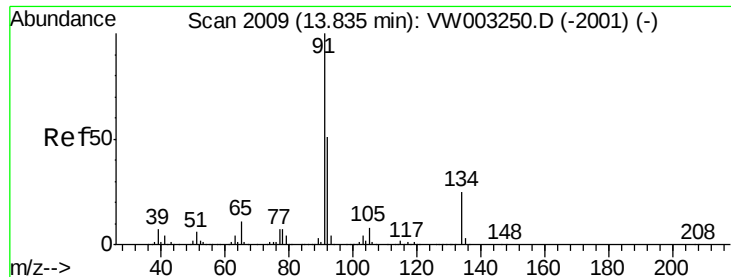
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#88
 1,4-Dichlorobenzene
 Concen: 47.41 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.2	57.6
148	64.3	31.8	95.4





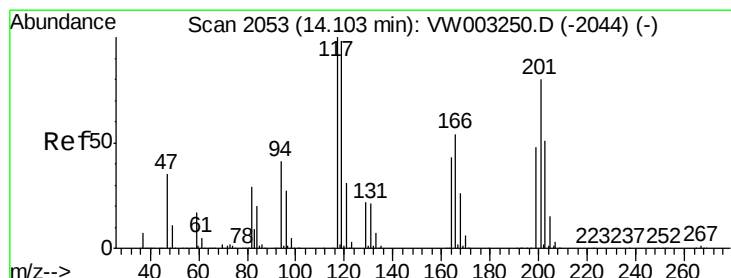
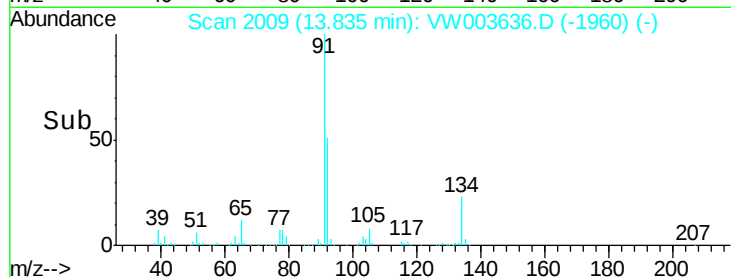
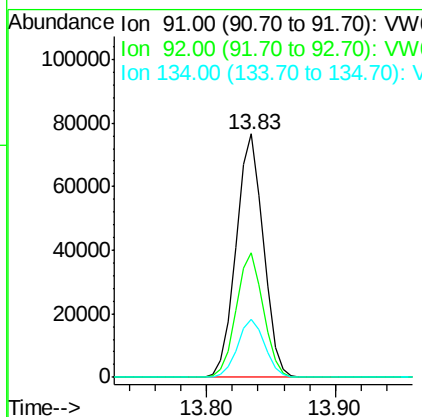
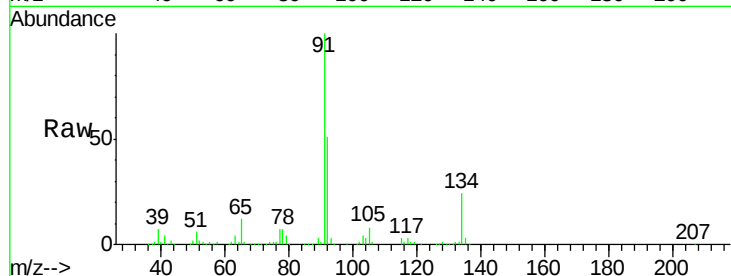
#89
n-Butylbenzene
Concen: 31.02 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.0	78.0
134	23.8	12.7	38.0

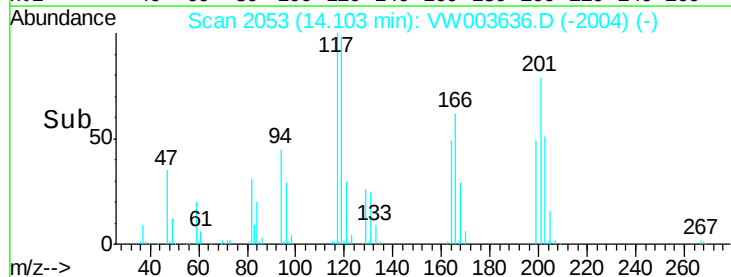
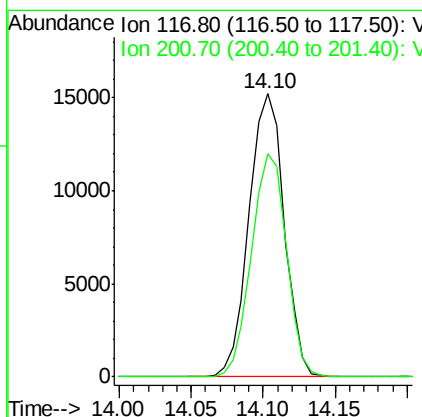
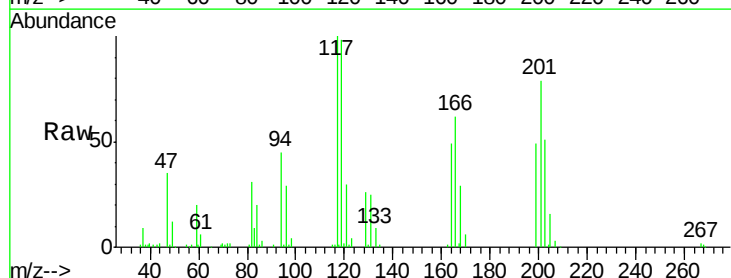
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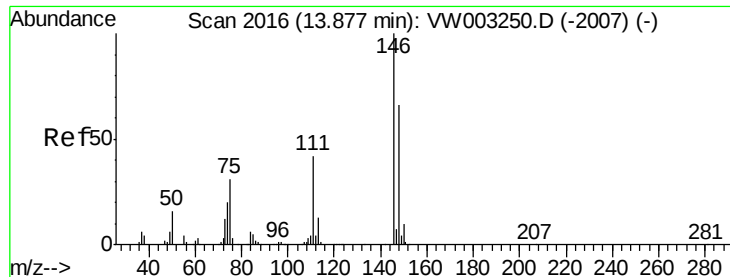
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#90
Hexachloroethane
Concen: 38.21 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	39.5	118.5





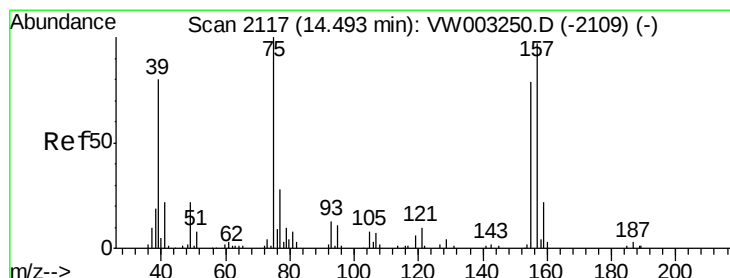
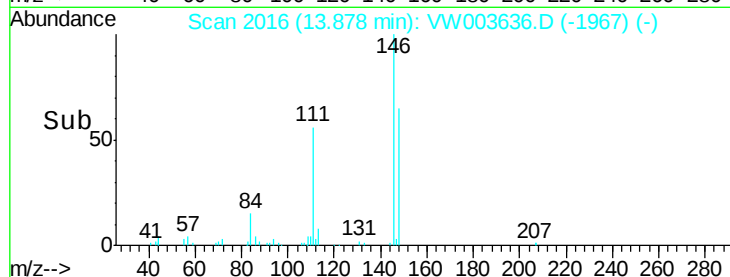
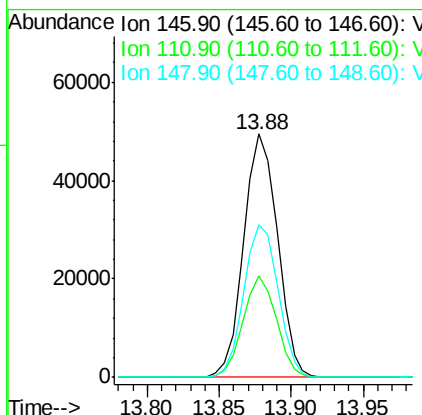
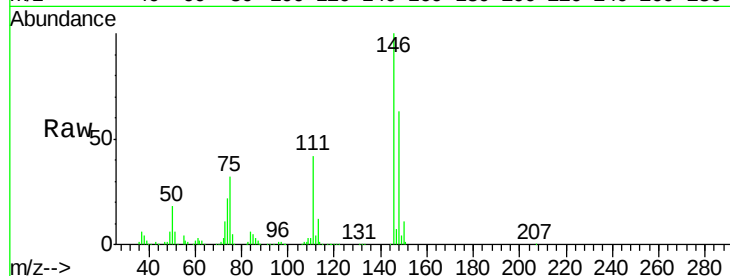
#91
 1,2-Dichlorobenzene
 Concen: 48.54 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	61.0
148	63.4	32.3	96.9

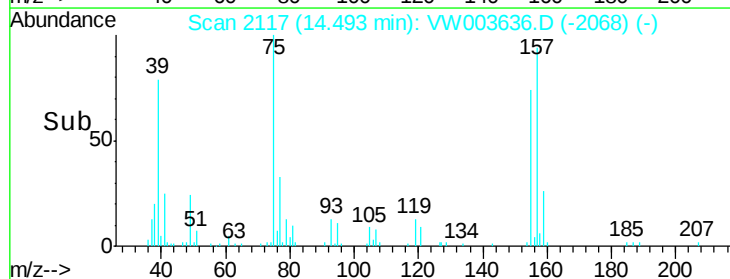
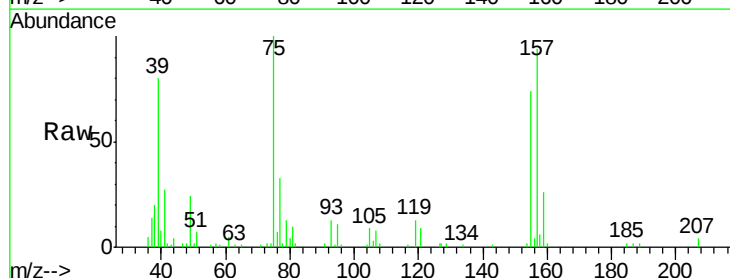
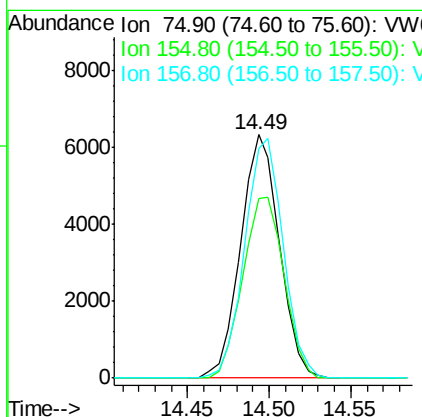
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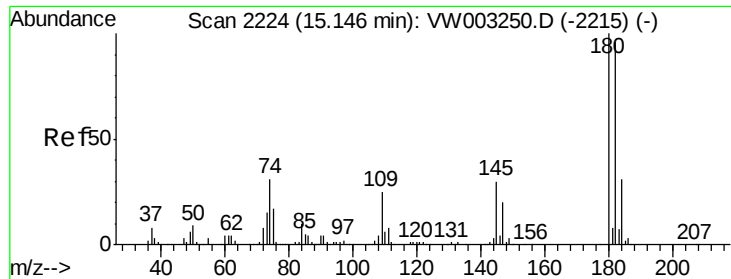
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.59 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	39.4	118.2
157	98.0	51.5	154.5





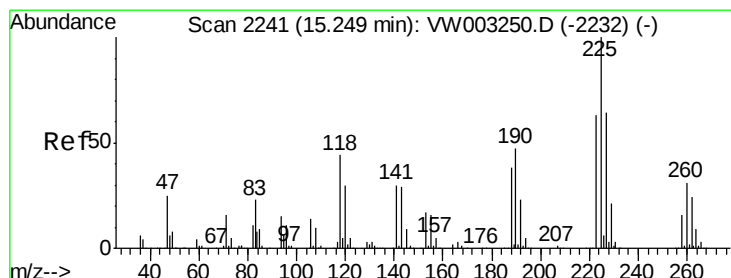
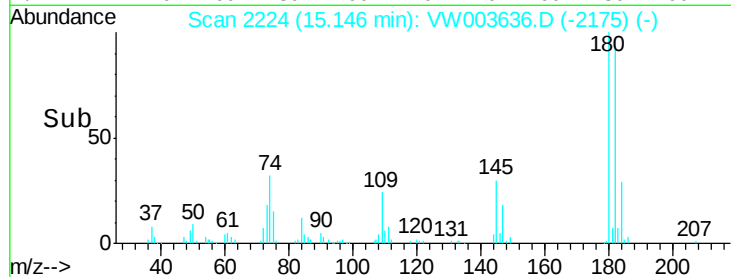
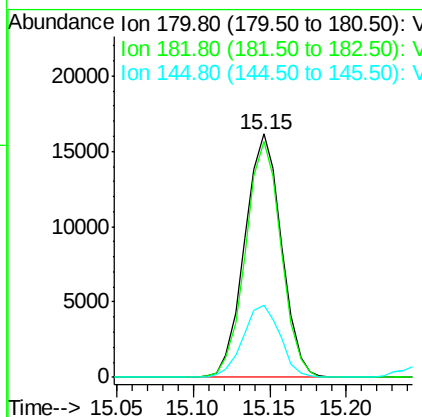
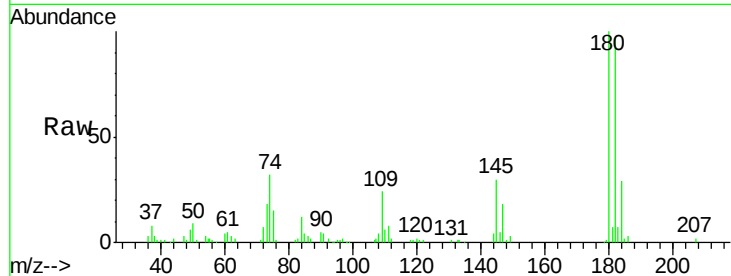
#93
 1,2,4-Trichlorobenzene
 Concen: 23.07 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	26905		
182	93.8		47.9	143.6
145	30.0		15.2	45.5

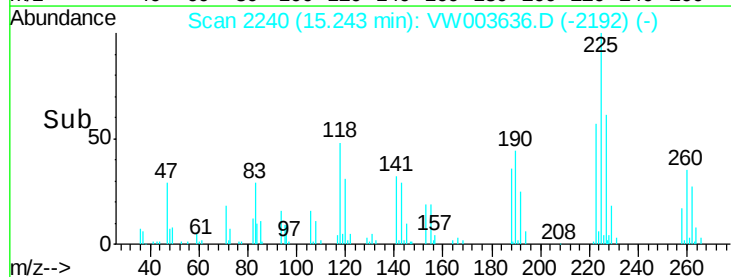
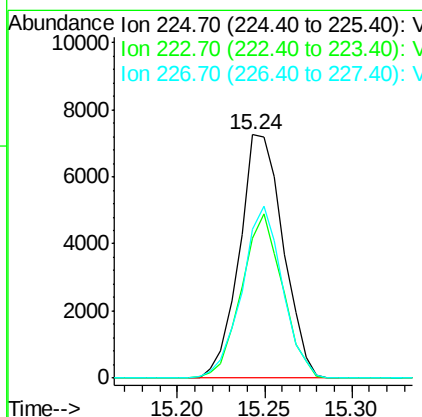
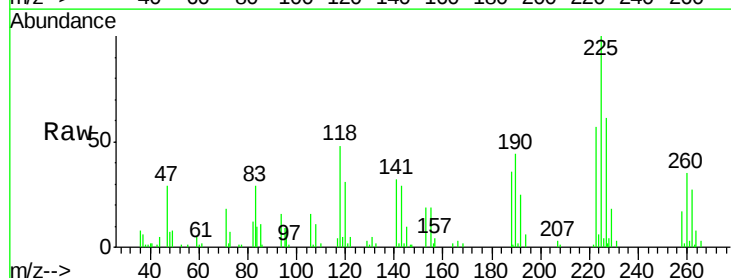
Manual Integrations
 APPROVED

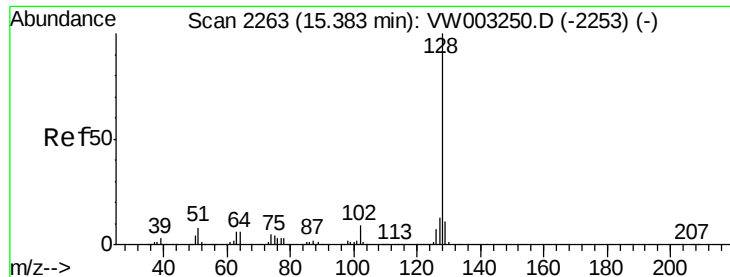
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#94
 Hexachlorobutadiene
 Concen: 17.98 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12612		
223	63.0		30.6	92.0
227	65.4		31.7	95.1





#95

Naphthalene

Concen: 35.98 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

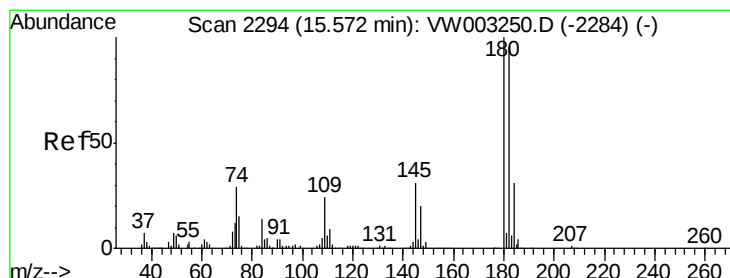
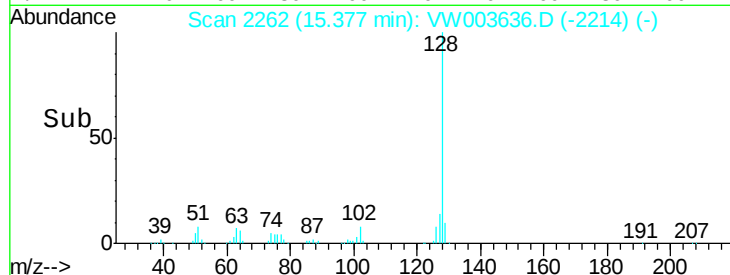
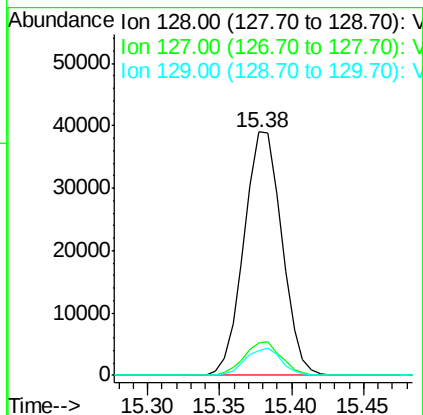
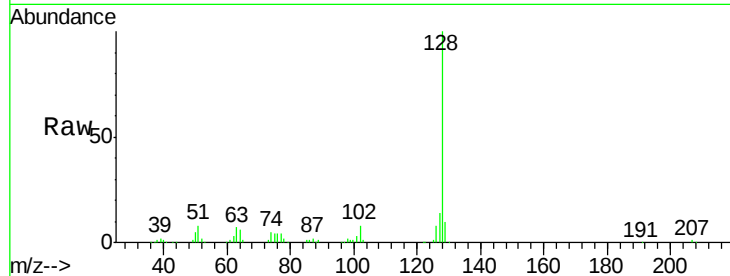
ClientSampleId :

EME-FW-TS004-01MS

Tot Ion:	128	Resp:	71165
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 21.75 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tgt Ion:	180	Resp:	22326
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.9	143.6
145	30.2	15.8	47.4

