

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003637.D
 Acq On : 28 Jun 2018 14:40
 Operator : SY/AP
 Sample : J3709-03MSD
 Misc : 4.92G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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 6/29/2018 1:59:07 PM

Quant Time: Jun 29 07:29:59 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	146459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	225280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	168982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	54882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102793	64.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.60%	
35) Dibromofluoromethane	7.89	113	83852	59.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.80%	
50) Toluene-d8	10.33	98	274976	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.62	95	69636	35.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26860m	60.66	ug/l	
3) Chloromethane	2.21	50	64490	57.65	ug/l	96
4) Vinyl Chloride	2.36	62	91231	55.94	ug/l	100
5) Bromomethane	2.78	94	57401	52.95	ug/l	93
6) Chloroethane	2.92	64	58985	51.96	ug/l	95
7) Trichlorofluoromethane	3.25	101	48418	49.56	ug/l	95
8) Diethyl Ether	3.68	74	47439	66.10	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	63517	46.82	ug/l	99
10) Methyl Iodide	4.27	142	111002	54.10	ug/l	100
11) Tert butyl alcohol	5.25	59	33762	396.83	ug/l	97
12) 1,1-Dichloroethene	4.03	96	71825	54.17	ug/l	94
13) Acrolein	3.90	56	9227	75.85	ug/l	95
14) Allyl chloride	4.66	41	135266	58.90	ug/l	97
15) Acrylonitrile	5.38	53	121146	410.25	ug/l	99
16) Acetone	4.15	43	125480	377.14	ug/l	99
17) Carbon Disulfide	4.37	76	194603	49.65	ug/l	98
18) Methyl Acetate	4.68	43	143693	182.05	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	182003	73.29	ug/l	97
20) Methylene Chloride	4.92	84	93417	67.37	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	79475	55.08	ug/l	98
22) Diisopropyl ether	6.32	45	296552	64.16	ug/l	99
23) Vinyl Acetate	6.26	43	513103m	192.64	ug/l	
24) 1,1-Dichloroethane	6.21	63	159509	58.13	ug/l	97
25) 2-Butanone	7.18	43	161958	391.47	ug/l	96
26) 2,2-Dichloropropane	7.17	77	96301	52.59	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	89235	56.30	ug/l	99
28) Bromochloromethane	7.51	49	80112	70.16	ug/l	97
29) Tetrahydrofuran	7.54	42	105092	415.63	ug/l	100
30) Chloroform	7.68	83	161573	57.80	ug/l	99
31) Cyclohexane	7.96	56	88691	34.60	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	118812	51.49	ug/l	99
36) 1,1-Dichloropropene	8.09	75	107261	49.30	ug/l	99
37) Ethyl Acetate	7.26	43	56742	62.96	ug/l	99
38) Carbon Tetrachloride	8.07	117	103037	48.28	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	60091	23.87	ug/l	98
40) Benzene	8.32	78	330404	55.10	ug/l	100
41) Methacrylonitrile	7.49	41	44498	80.45	ug/l	99
42) 1,2-Dichloroethane	8.40	62	123732	65.85	ug/l	98
43) Isopropyl Acetate	8.43	43	117824	65.84	ug/l	99
44) Trichloroethene	9.09	130	76446	48.11	ug/l	98
45) 1,2-Dichloropropane	9.37	63	89317	58.50	ug/l	100
46) Dibromomethane	9.46	93	51080	65.34	ug/l	99
47) Bromodichloromethane	9.65	83	115800	57.79	ug/l	98
48) Methyl methacrylate	9.45	41	75994	90.36	ug/l	93
49) 1,4-Dioxane	9.49	88	17944	1520.23	ug/l #	66
51) 4-Methyl-2-Pentanone	10.22	43	369270	404.93	ug/l	100
52) Toluene	10.39	92	184634	48.01	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	119184	58.23	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	132288	56.78	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	69467	63.06	ug/l	97
56) Ethyl methacrylate	10.65	69	76573	57.24	ug/l	99
57) 1,3-Dichloropropane	10.94	76	119780	63.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	216507	361.05	ug/l	97
59) 2-Hexanone	10.98	43	247291	388.17	ug/l	100
60) Dibromochloromethane	11.13	129	73419	56.04	ug/l	99
61) 1,2-Dibromoethane	11.24	107	63849	61.28	ug/l	99
64) Tetrachloroethene	10.87	164	49152	43.49	ug/l	97
65) Chlorobenzene	11.66	112	172499	49.02	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	70332	56.87	ug/l	98
67) Ethyl Benzene	11.74	91	291898	46.80	ug/l	100
68) m/p-Xylenes	11.85	106	218049	91.96	ug/l	99
69) o-Xylene	12.17	106	103469	47.08	ug/l	98
70) Styrene	12.19	104	169076	46.22	ug/l	99
71) Bromoform	12.35	173	40896	63.81	ug/l #	100
73) Isopropylbenzene	12.47	105	232478	60.90	ug/l	99
74) N-amyl acetate	12.28	43	65749	75.67	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	73704	114.13	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55834m	119.00	ug/l	
77) Bromobenzene	12.76	156	62209	69.98	ug/l	87
78) n-propylbenzene	12.81	91	253344	54.20	ug/l	100
79) 2-Chlorotoluene	12.90	91	150654	57.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	173860	54.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	25061	122.91	ug/l	97
82) 4-Chlorotoluene	12.99	91	157464	56.19	ug/l	100
83) tert-Butylbenzene	13.21	119	131593	48.19	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	175875	53.36	ug/l	100
85) sec-Butylbenzene	13.39	105	160165	39.46	ug/l	99
86) p-Isopropyltoluene	13.51	119	142777	39.88	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	88136	48.26	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	88213	48.59	ug/l	99
89) n-Butylbenzene	13.83	91	107053	30.68	ug/l	98
90) Hexachloroethane	14.10	117	24752	38.22	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	79195	49.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11079	101.94	ug/l	95

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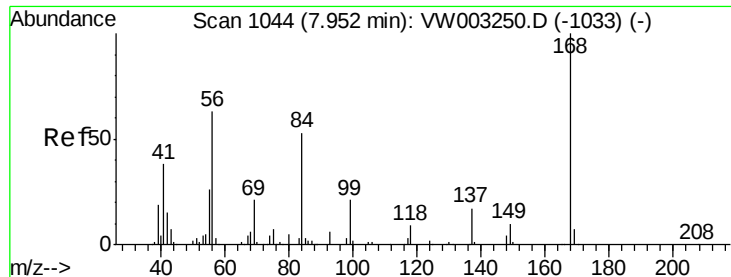
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	26240	23.37	ug/l	100
94) Hexachlorobutadiene	15.25	225	11326	16.77	ug/l	99
95) Naphthalene	15.38	128	75571	39.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	22197	22.45	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003637.D

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Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:168 Resp: 146459

Ion Ratio Lower Upper

168 100

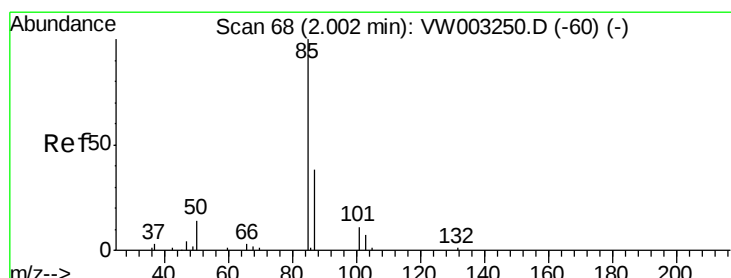
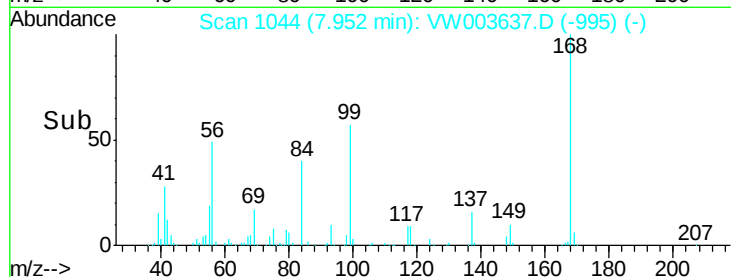
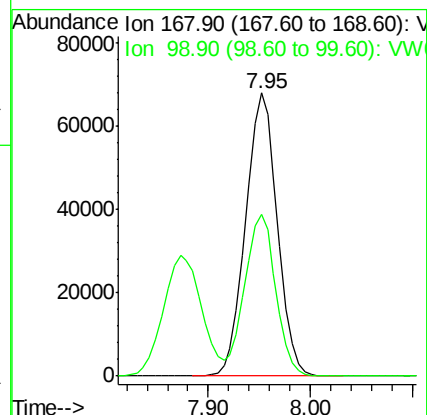
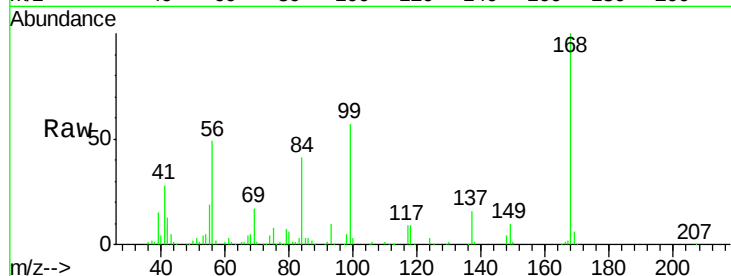
99 57.3 45.5 68.3

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#2

Dichlorodifluoromethane

Concen: 60.66 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003637.D

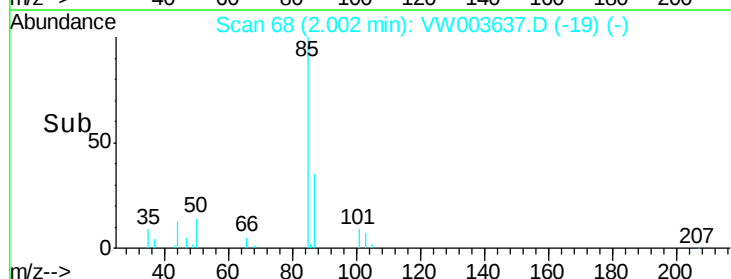
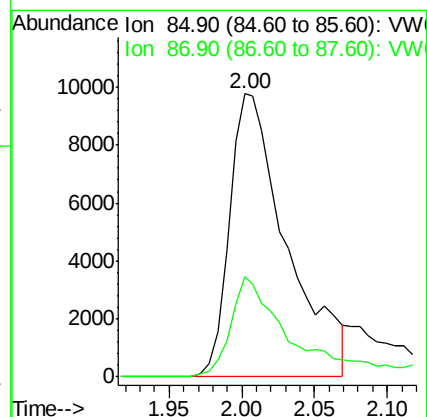
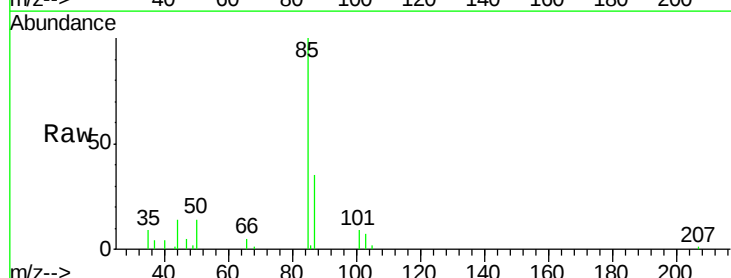
Acq: 28 Jun 2018 14:40

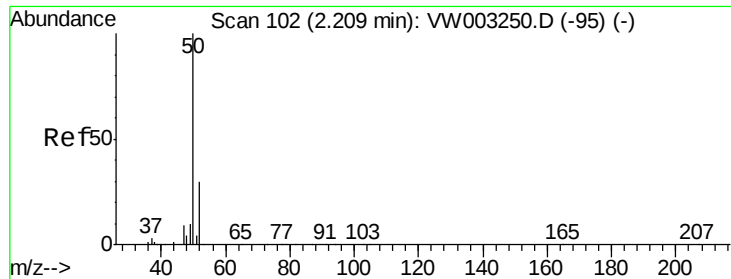
Tgt Ion: 85 Resp: 26860

Ion Ratio Lower Upper

85 100

87 35.3 18.9 56.7





#3

Chloromethane

Concen: 57.65 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 50 Resp: 64490

Ion Ratio Lower Upper

50 100

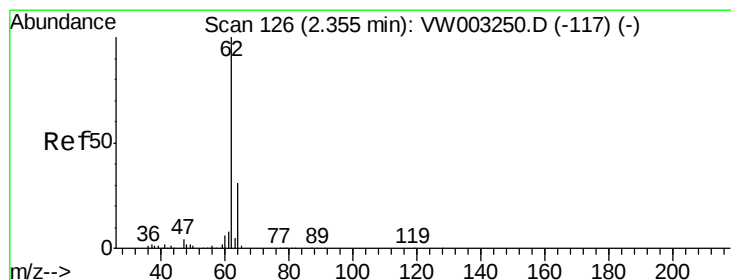
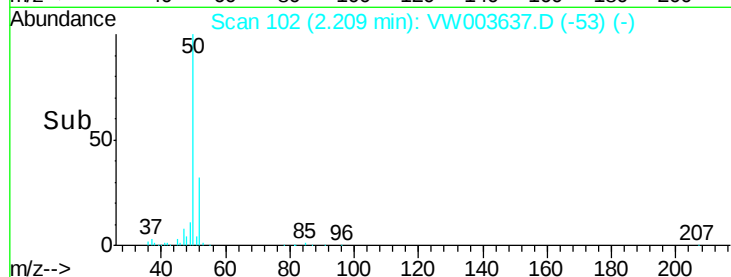
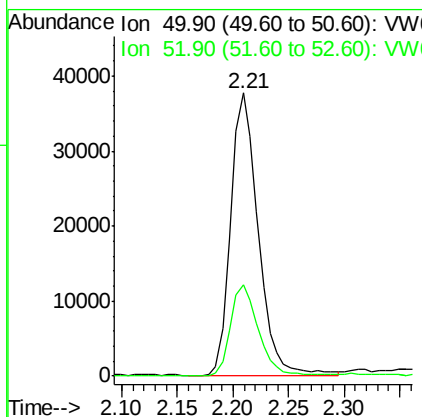
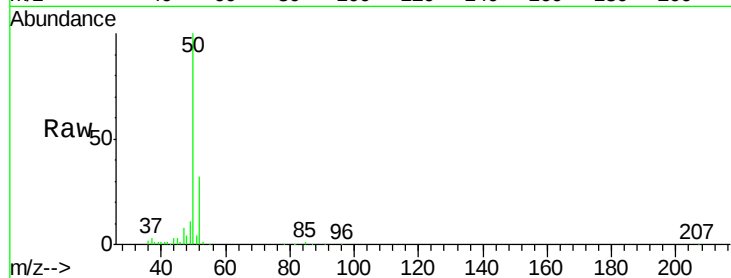
52 32.3 24.2 36.2

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#4

Vinyl Chloride

Concen: 55.94 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003637.D

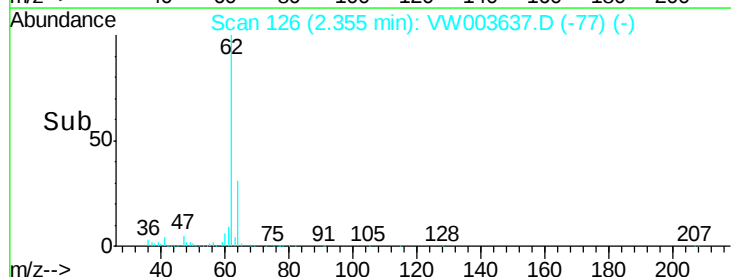
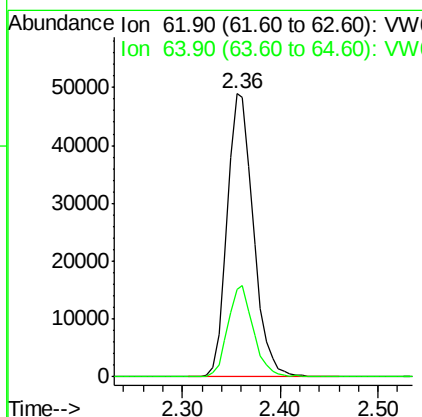
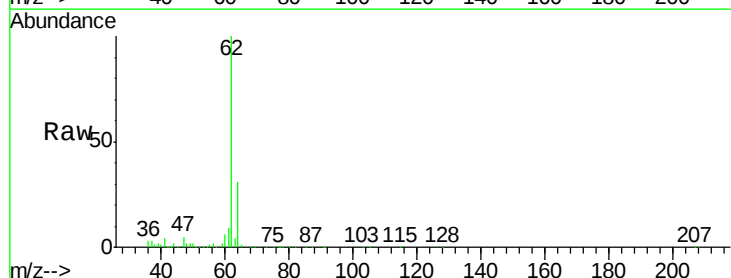
Acq: 28 Jun 2018 14:40

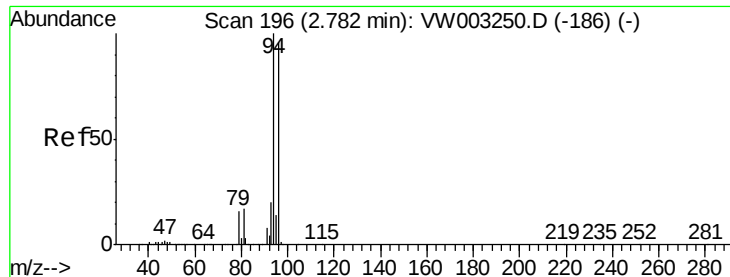
Tgt Ion: 62 Resp: 91231

Ion Ratio Lower Upper

62 100

64 31.1 24.9 37.3





#5

Bromomethane

Concen: 52.95 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 94 Resp: 57401

Ion Ratio Lower Upper

94 100

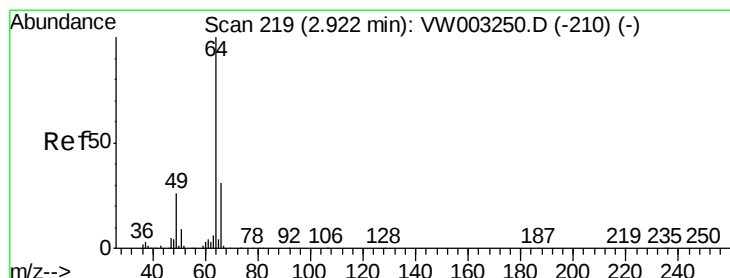
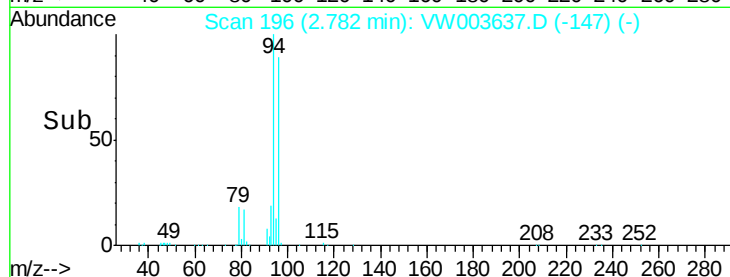
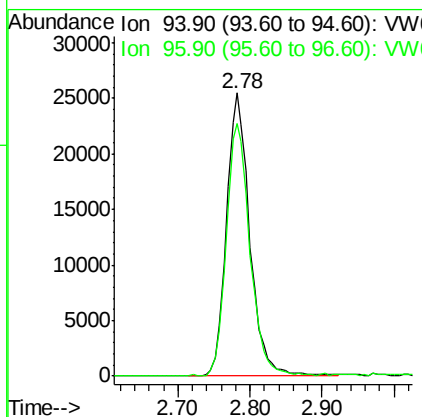
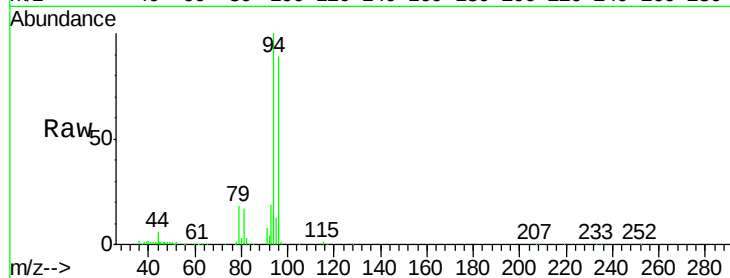
96 89.1 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 51.96 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003637.D

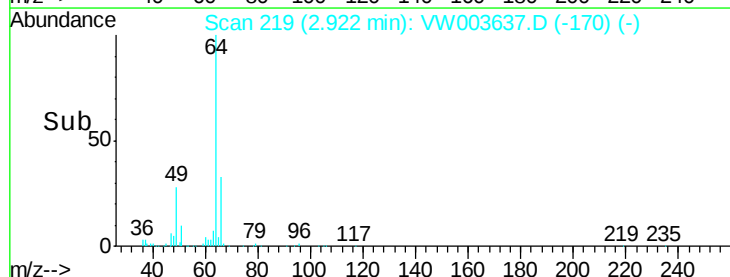
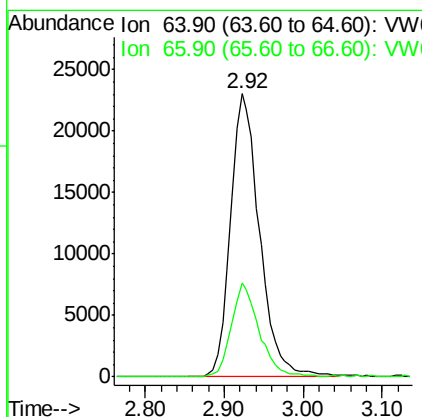
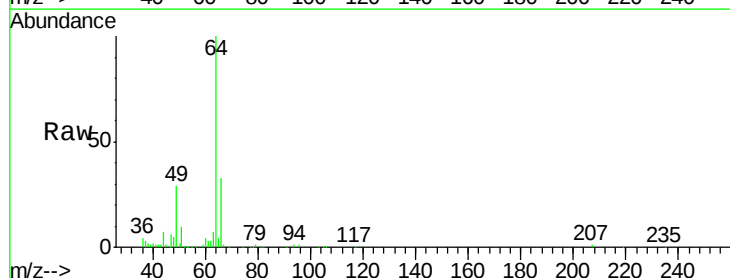
Acq: 28 Jun 2018 14:40

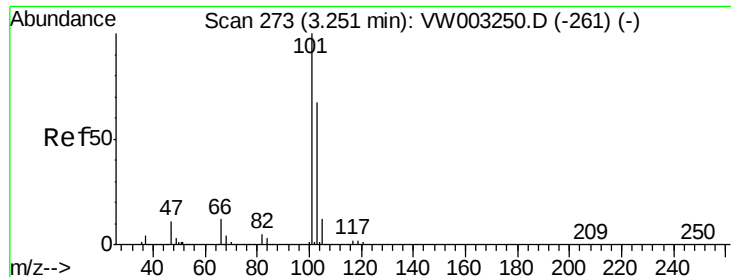
Tgt Ion: 64 Resp: 58985

Ion Ratio Lower Upper

64 100

66 33.4 24.4 36.6





#7

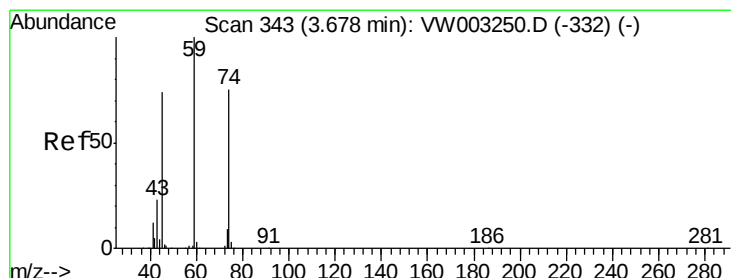
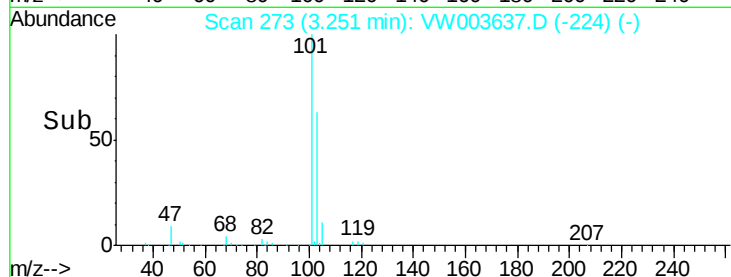
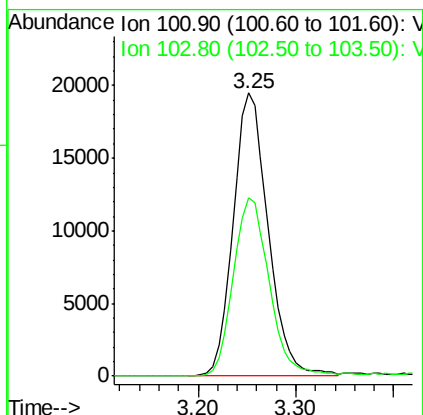
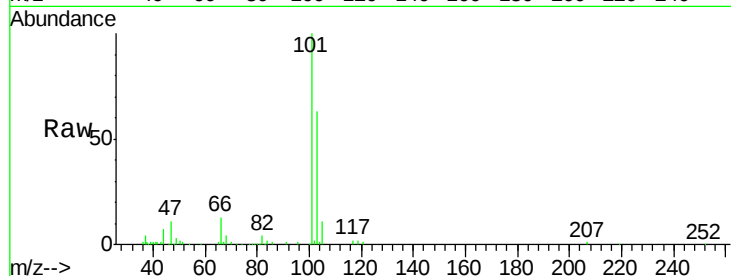
Trichlorofluoromethane
Concen: 49.56 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Instrument :
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ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	53.4	80.0

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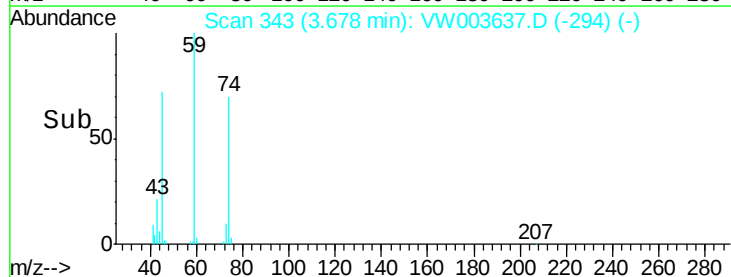
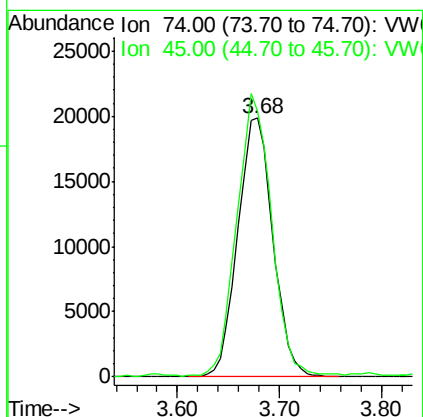
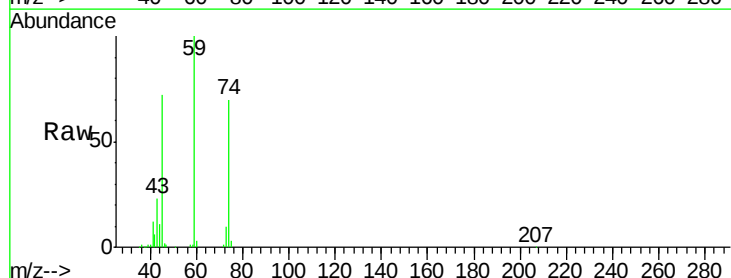
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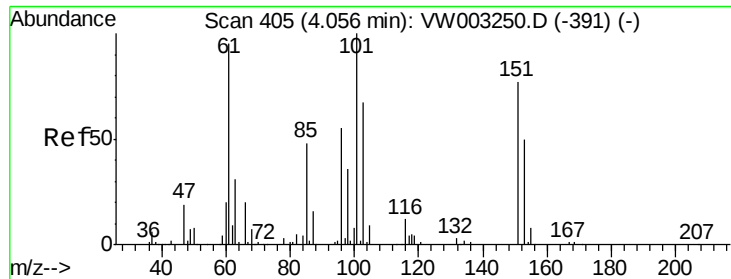


#8

Diethyl Ether
Concen: 66.10 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.0	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.82 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

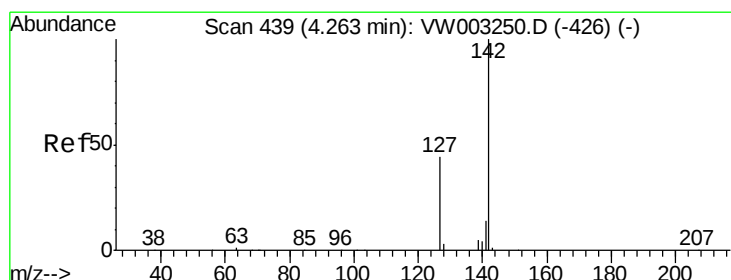
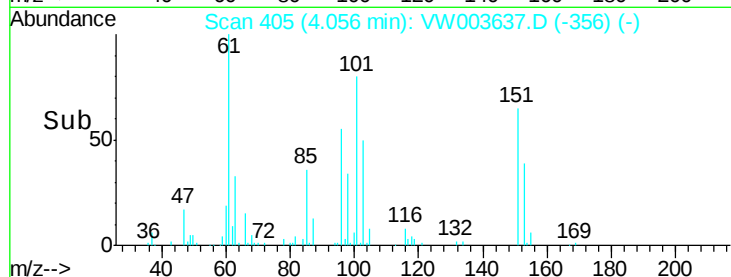
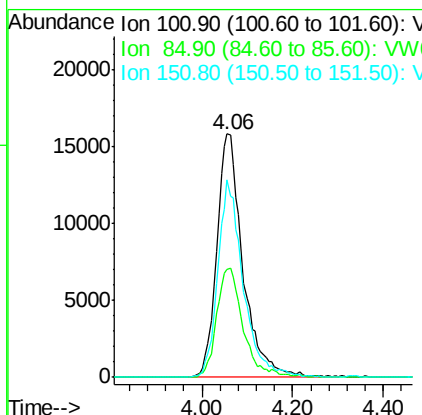
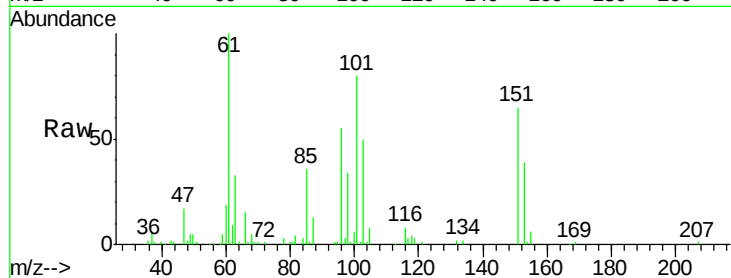
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	101	Resp:	63517
Ion Ratio	Lower	Upper	
101	100		
85	45.2	37.0	55.6
151	78.1	63.3	94.9

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#10

Methyl Iodide

Concen: 54.10 ug/l

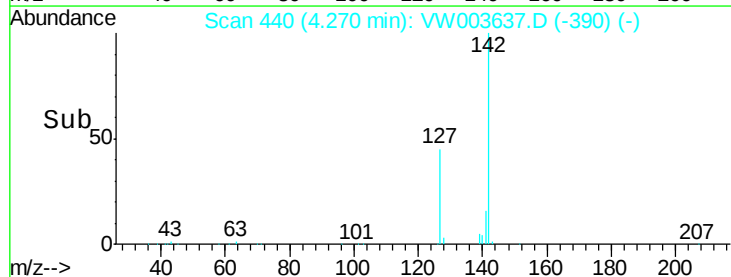
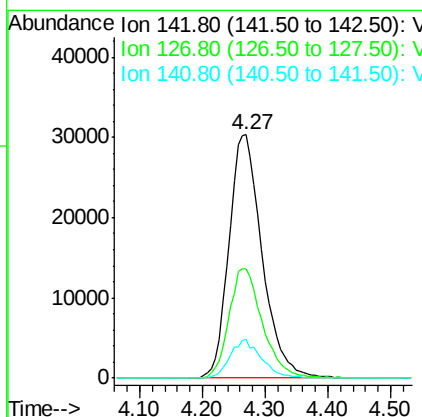
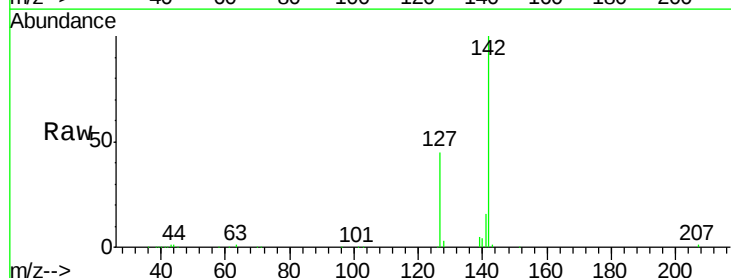
RT: 4.27 min Scan# 440

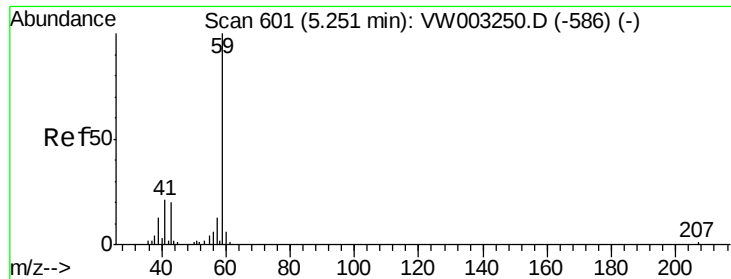
Delta R.T. 0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Tgt Ion:	142	Resp:	111002
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.5	54.7
141	15.1	12.1	18.1





#11

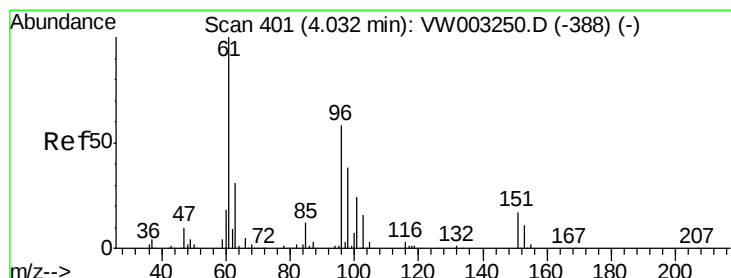
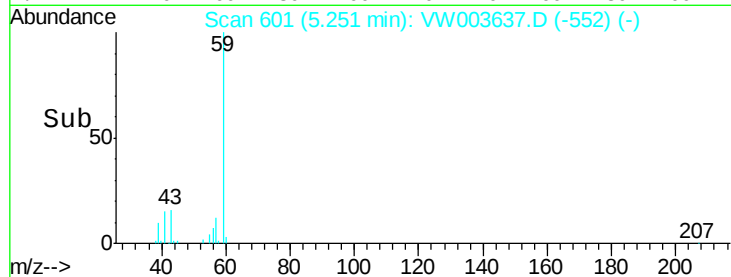
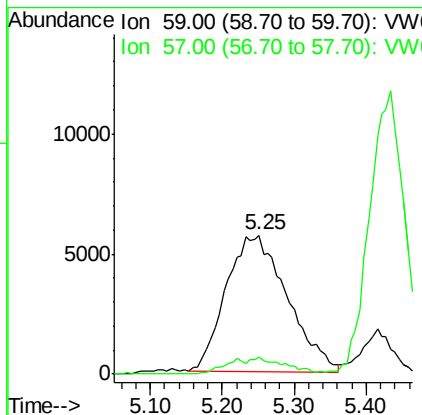
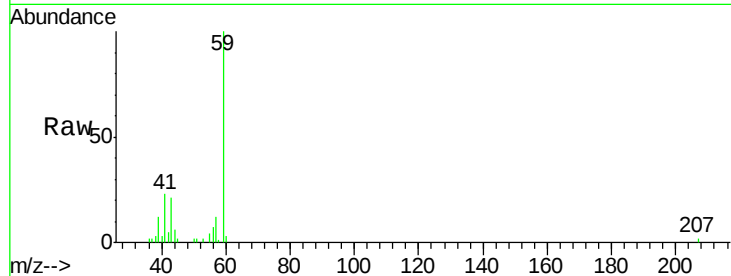
Tert butyl alcohol
Concen: 396.83 ug/l
RT: 5.25 min Scan# 601
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.1	4.2	6.2

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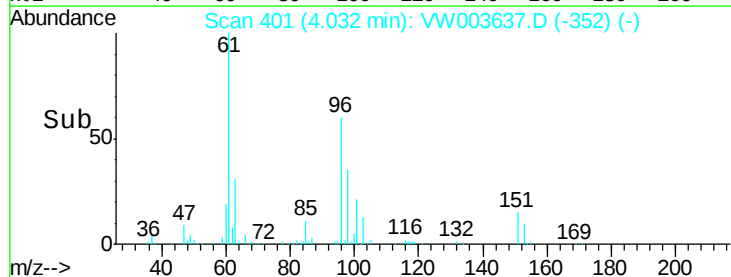
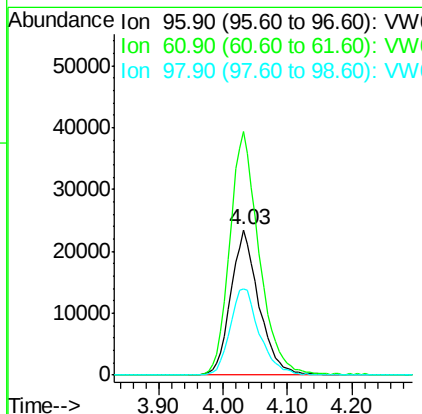
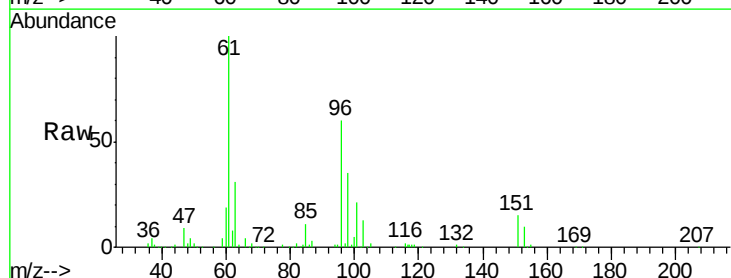
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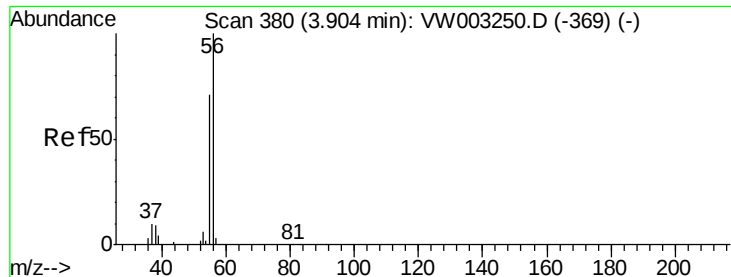


#12

1,1-Dichloroethene
Concen: 54.17 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.4	139.0	208.4
98	59.1	53.3	79.9





#13

Acrolein

Concen: 75.85 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 56 Resp: 9227

Ion Ratio Lower Upper

56 100

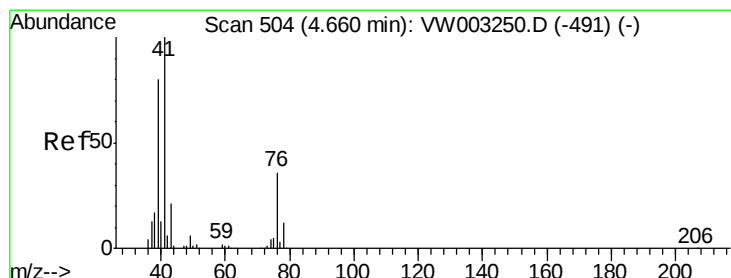
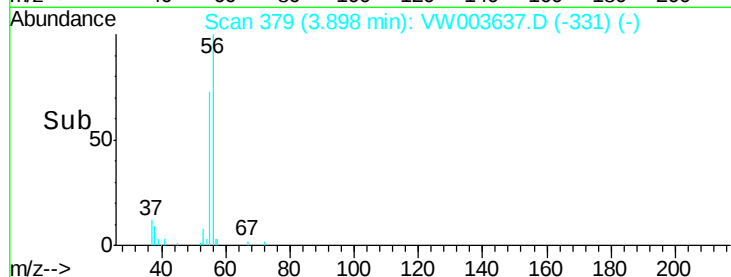
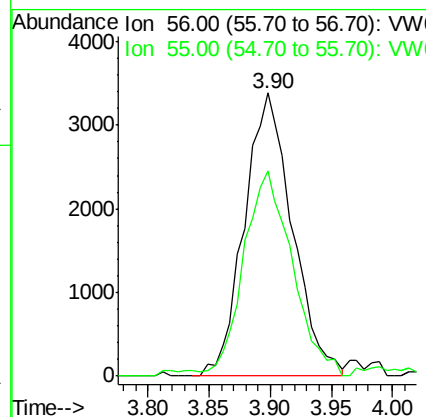
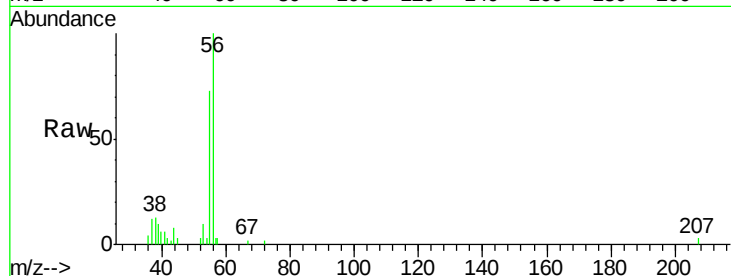
55 73.3 55.4 83.2

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#14

Allyl chloride

Concen: 58.90 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

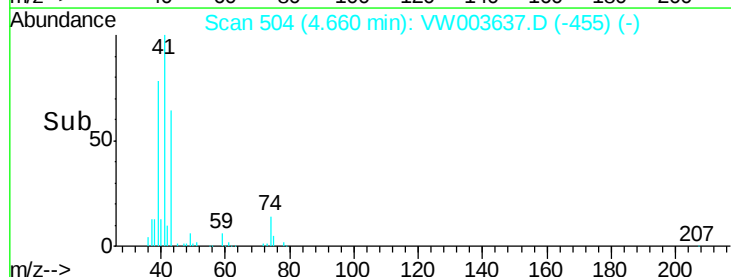
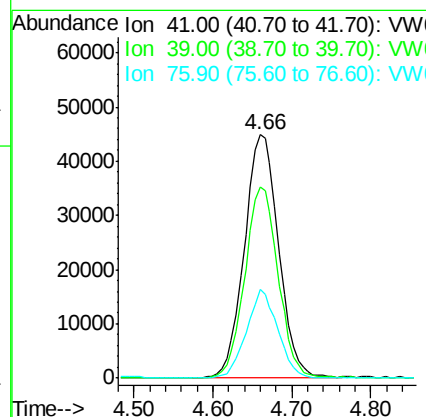
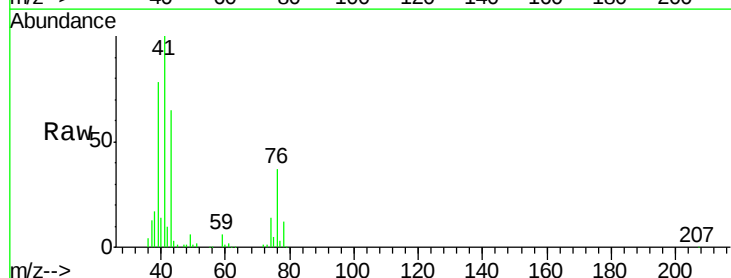
Tgt Ion: 41 Resp: 135266

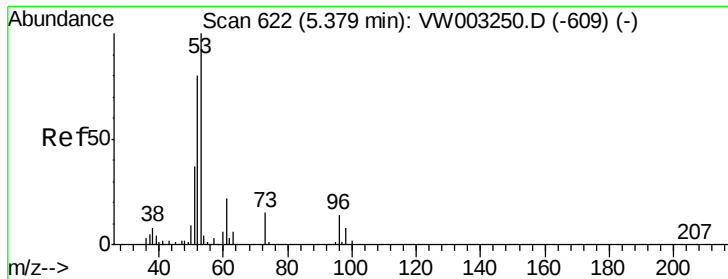
Ion Ratio Lower Upper

41 100

39 76.3 63.2 94.8

76 33.4 28.0 42.0





#15

Acrylonitrile

Concen: 410.25 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

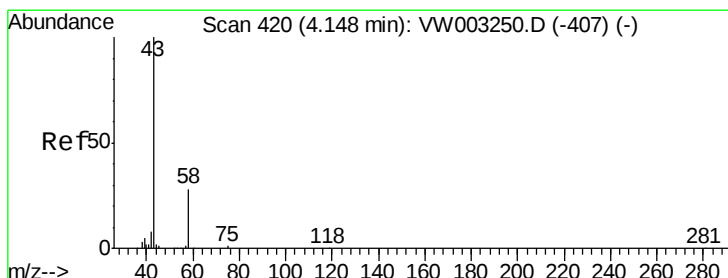
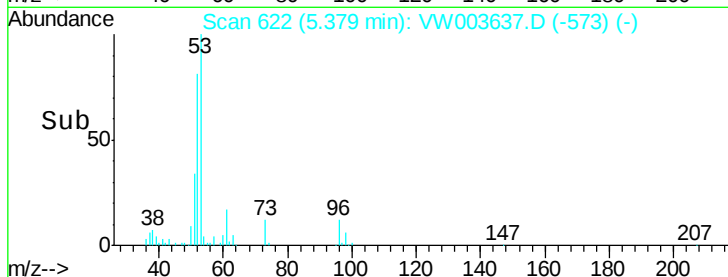
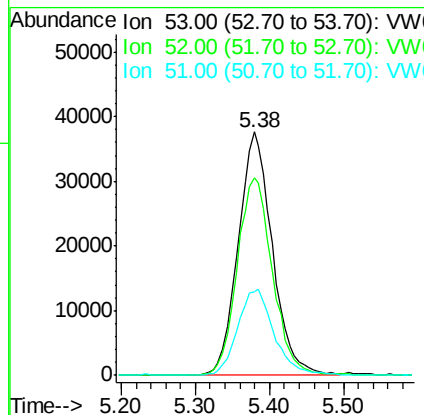
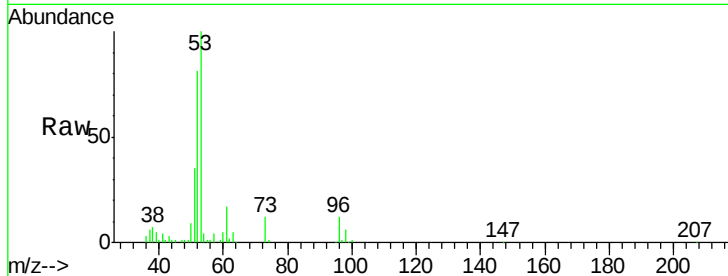
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	53	Resp:	121146
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.6	100.0
51	37.9	30.6	46.0

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#16

Acetone

Concen: 377.14 ug/l

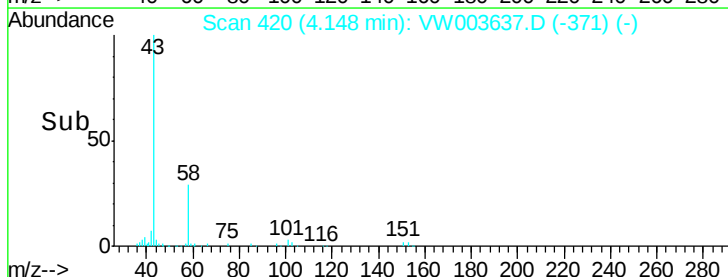
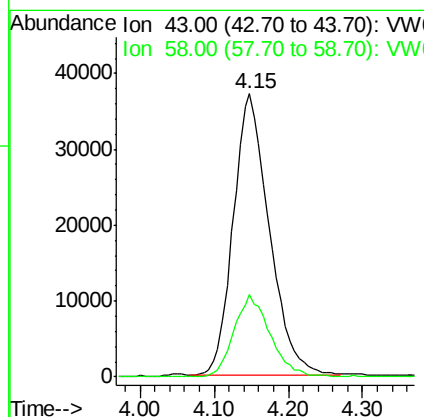
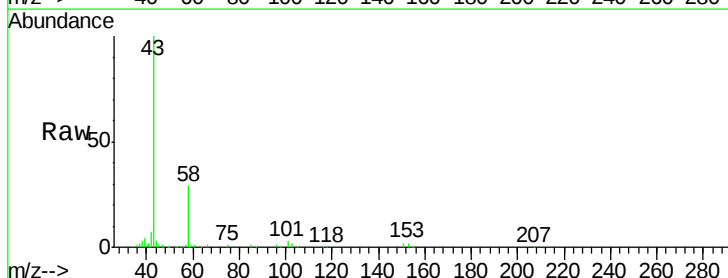
RT: 4.15 min Scan# 420

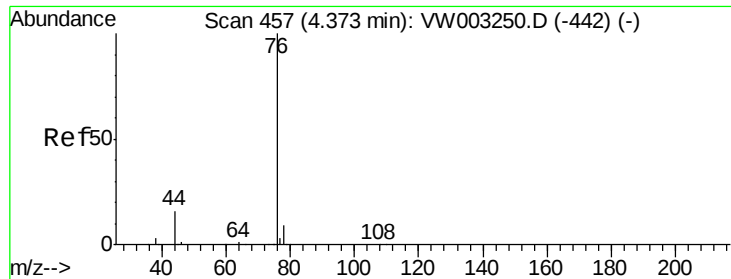
Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Tgt Ion:	43	Resp:	125480
Ion Ratio	Lower	Upper	
43	100		
58	28.9	22.6	34.0





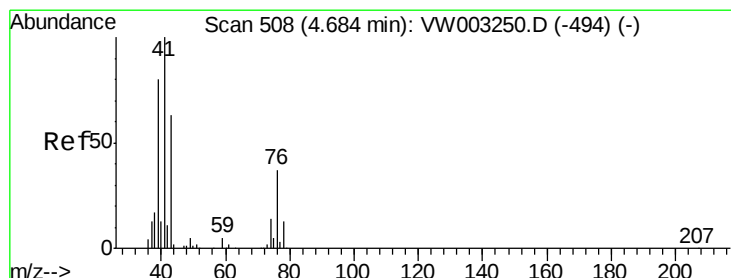
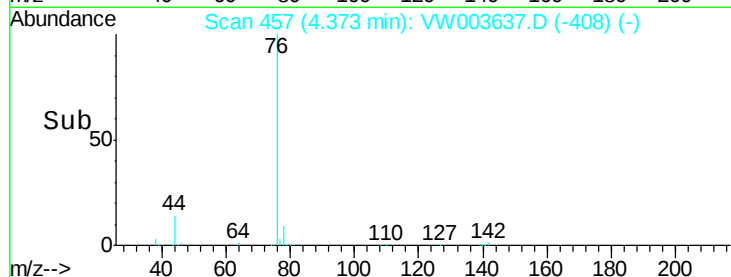
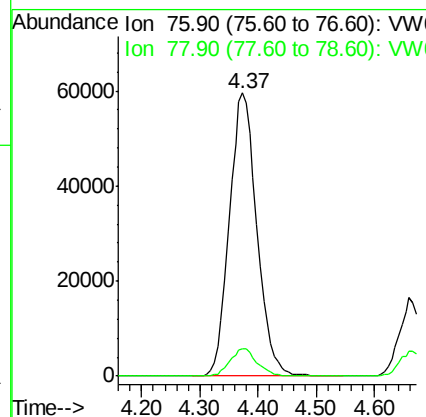
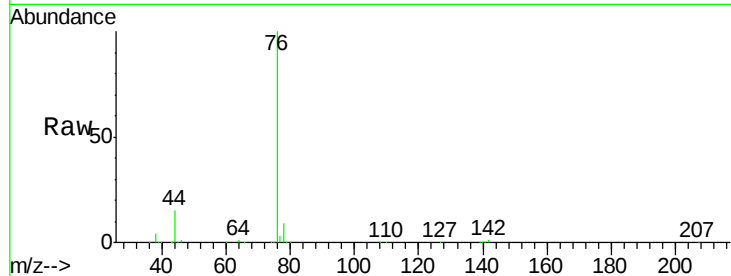
#17
Carbon Disulfide
Concen: 49.65 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

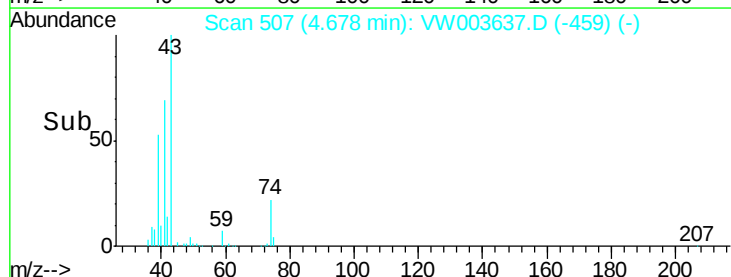
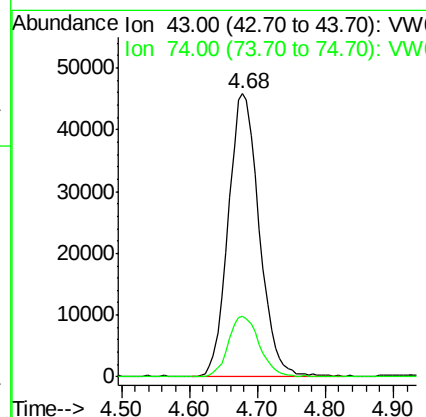
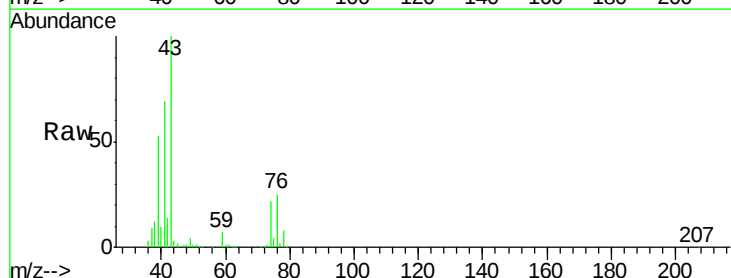
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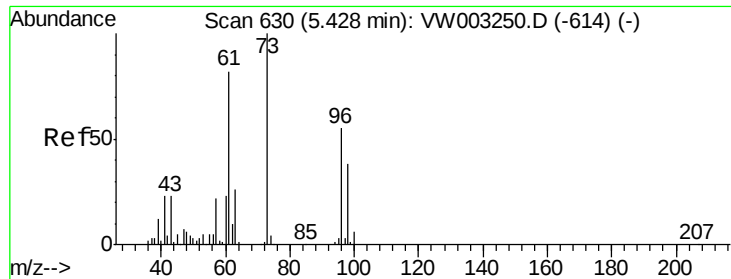
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#18
Methyl Acetate
Concen: 182.05 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	18.7	28.1





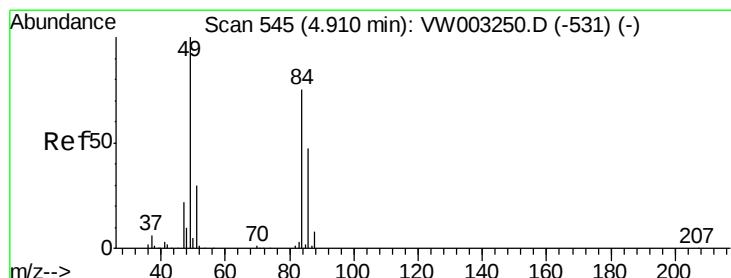
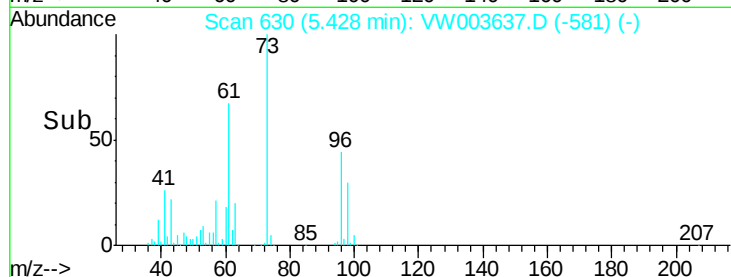
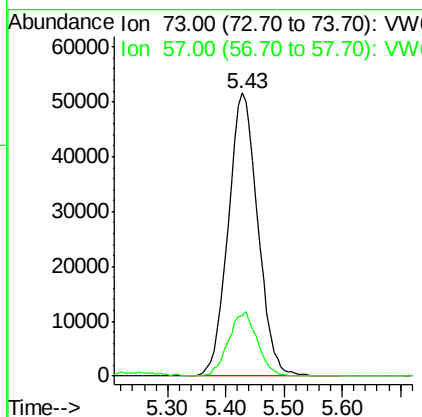
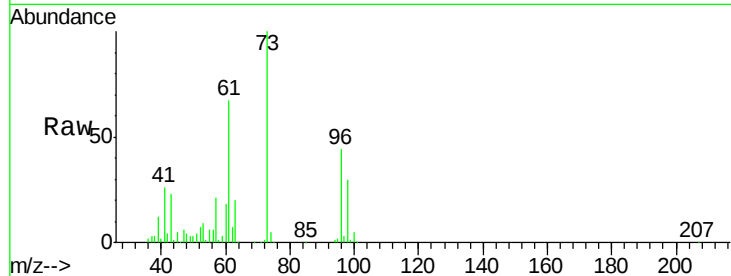
#19
Methyl tert-butyl Ether
Concen: 73.29 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion: 73 Resp: 182003
Ion Ratio Lower Upper
73 100
57 21.3 18.0 27.0

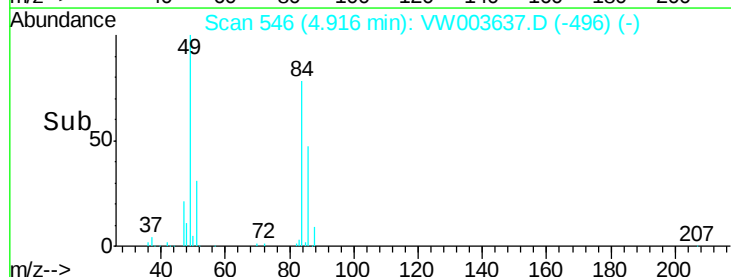
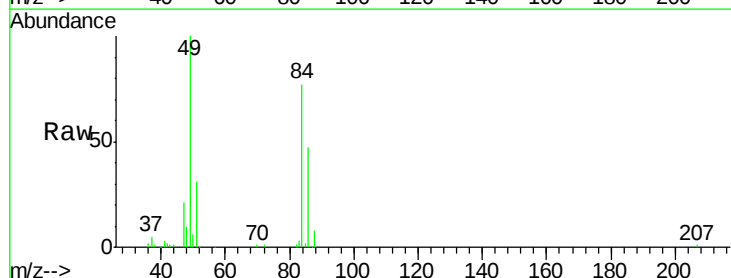
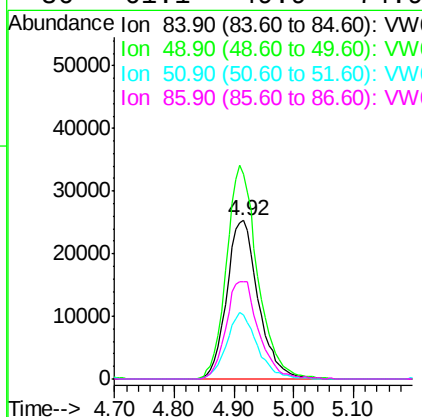
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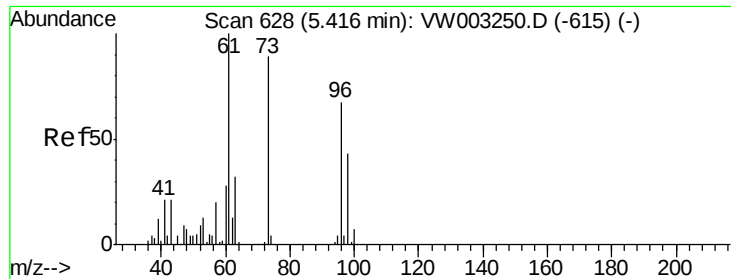
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#20
Methylene Chloride
Concen: 67.37 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion: 84 Resp: 93417
Ion Ratio Lower Upper
84 100
49 129.4 106.3 159.5
51 40.4 32.0 48.0
86 61.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 55.08 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 96 Resp: 79475

Ion Ratio Lower Upper

96 100

61 145.3 118.7 178.1

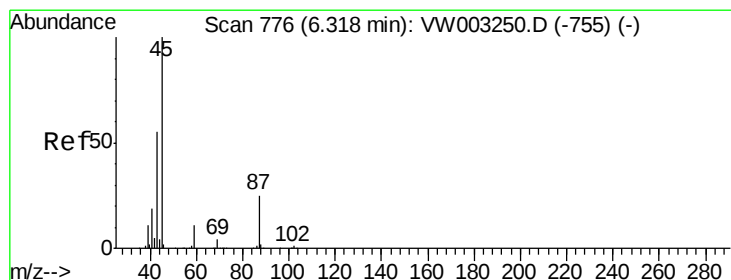
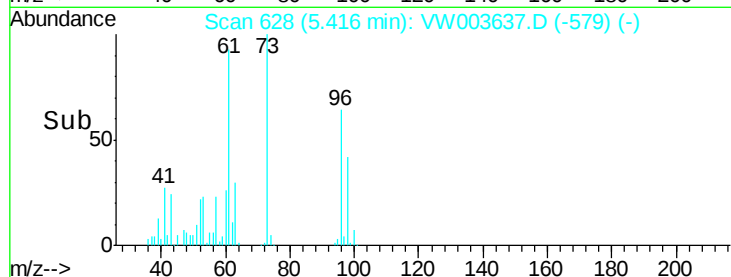
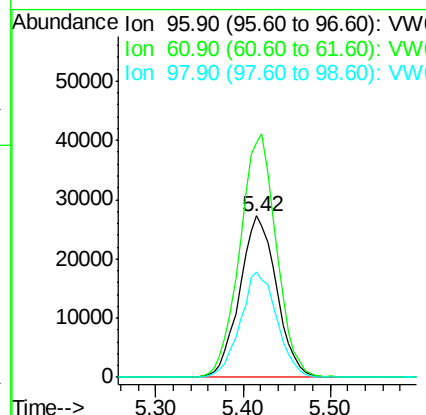
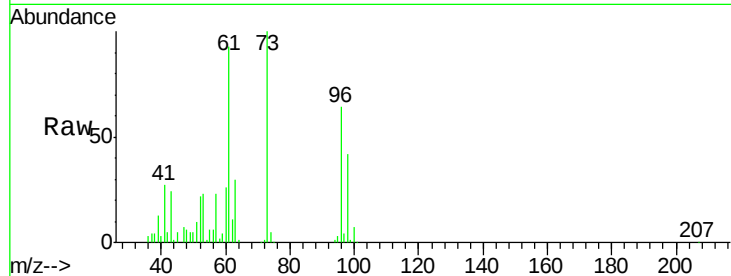
98 65.2 51.0 76.6

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#22

Diisopropyl ether

Concen: 64.16 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Tgt Ion: 45 Resp: 296552

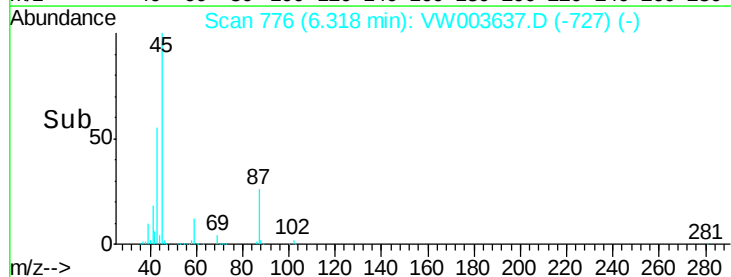
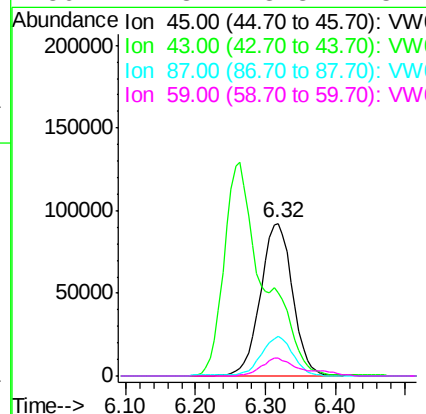
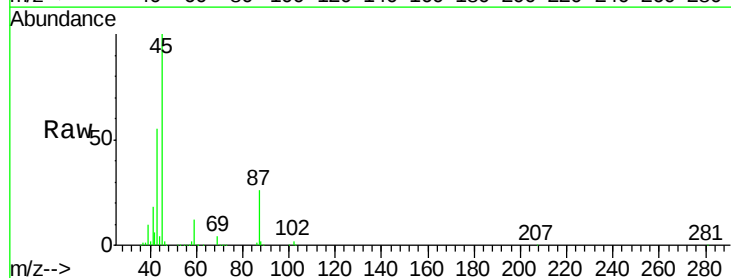
Ion Ratio Lower Upper

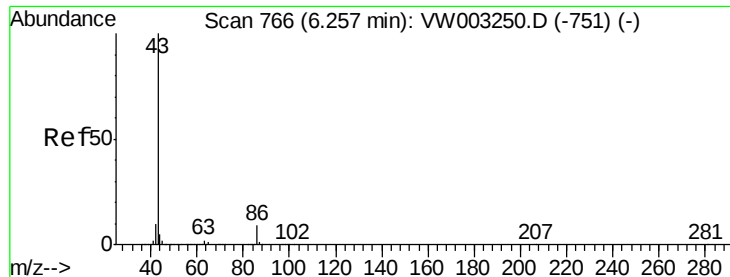
45 100

43 54.5 44.0 66.0

87 25.6 20.6 31.0

59 11.3 8.8 13.2





#23

Vinyl Acetate

Concen: 192.64 ug/l m

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Tot Ion: 43 Resp: 513103

Ion Ratio Lower Upper

43 100

86 9.2 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

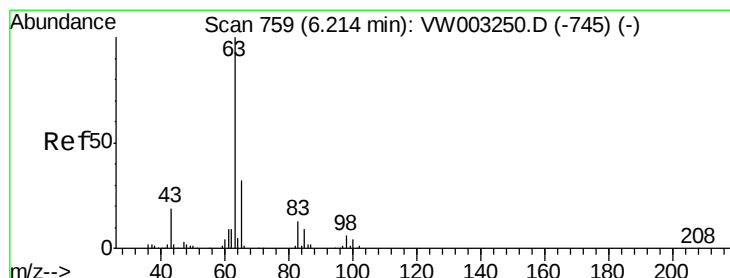
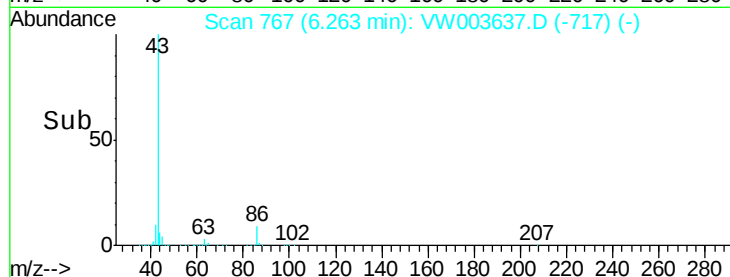
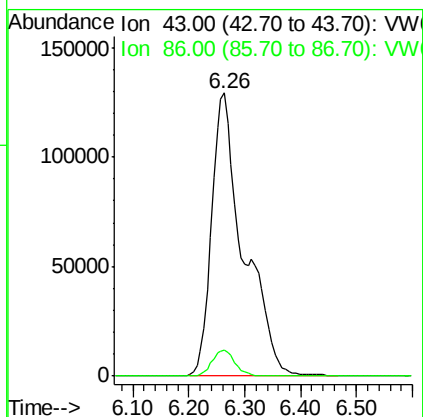
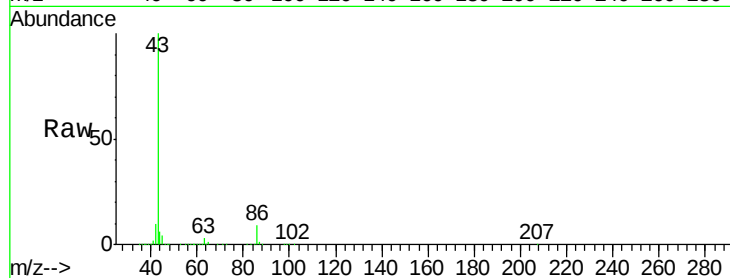
EME-FW-TS004-01MSD

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#24

1,1-Dichloroethane

Concen: 58.13 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

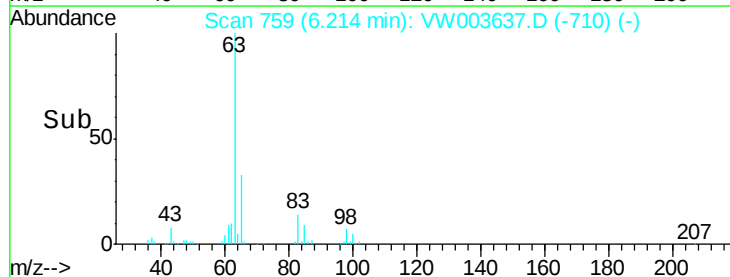
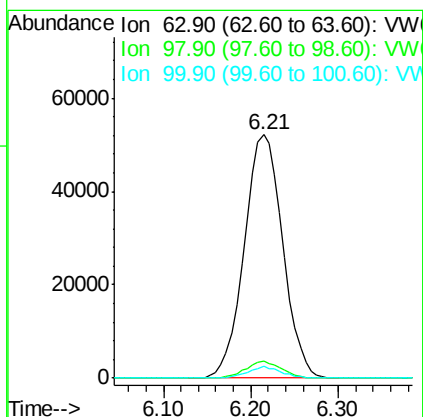
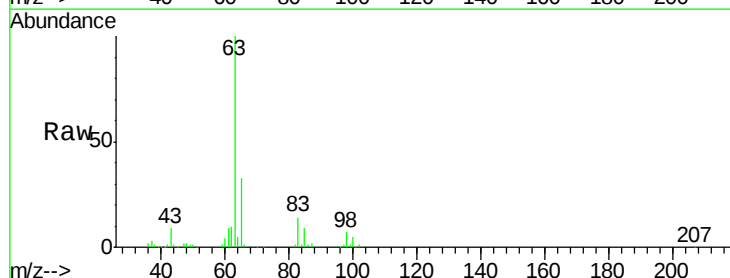
Tgt Ion: 63 Resp: 159509

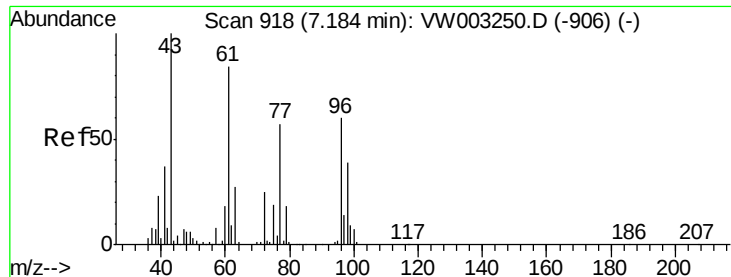
Ion Ratio Lower Upper

63 100

98 6.8 2.8 8.3

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 391.47 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 43 Resp: 161958

Ion Ratio Lower Upper

43 100

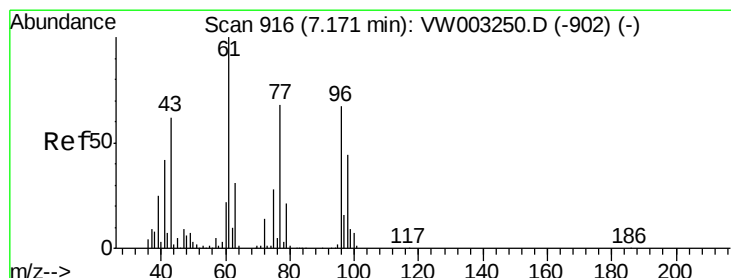
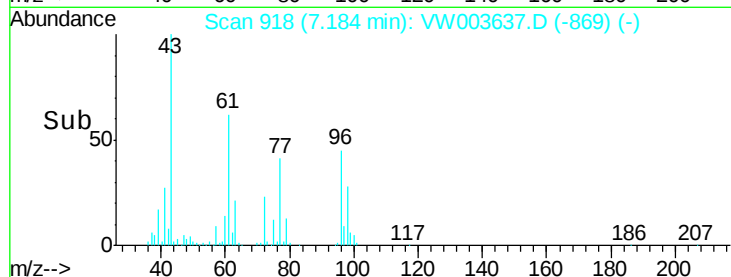
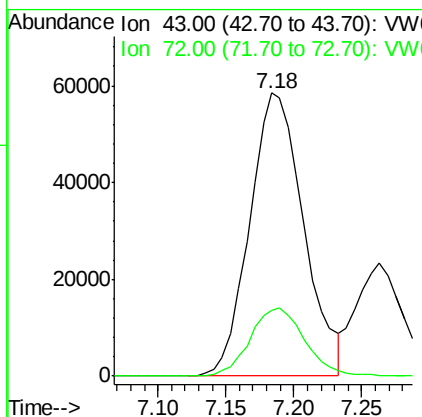
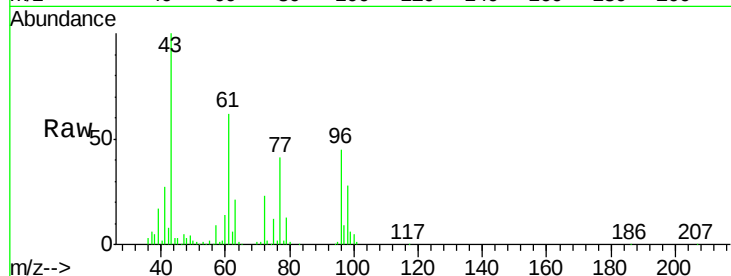
72 23.3 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 52.59 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003637.D

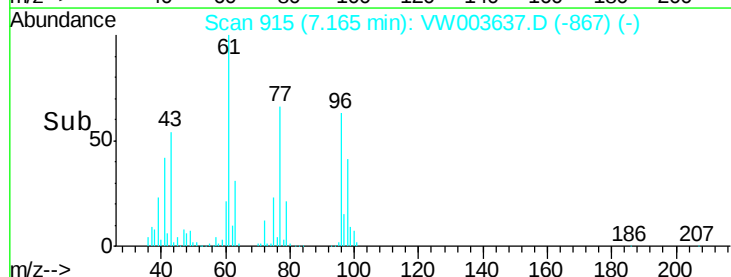
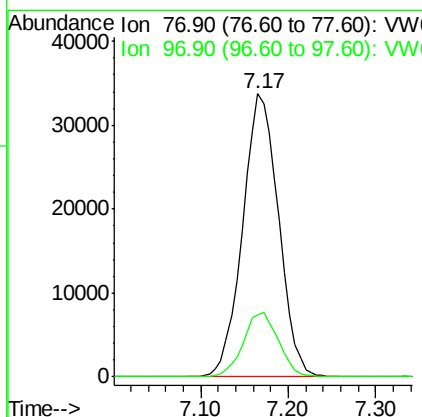
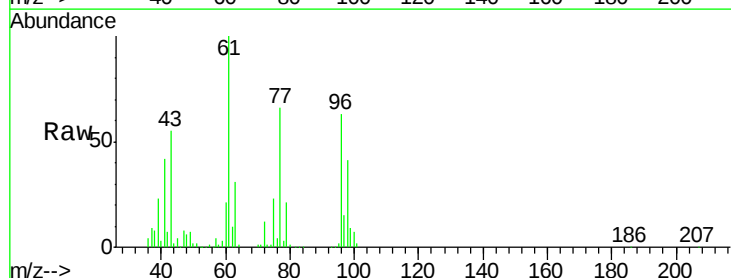
Acq: 28 Jun 2018 14:40

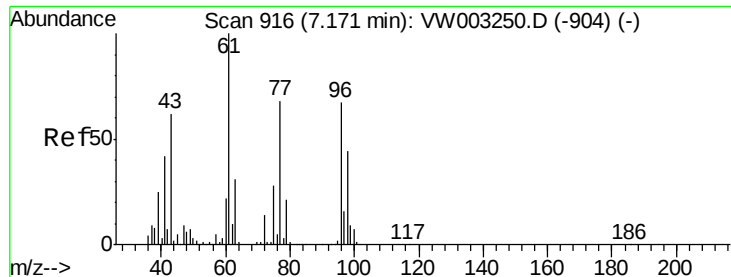
Tgt Ion: 77 Resp: 96301

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 56.30 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

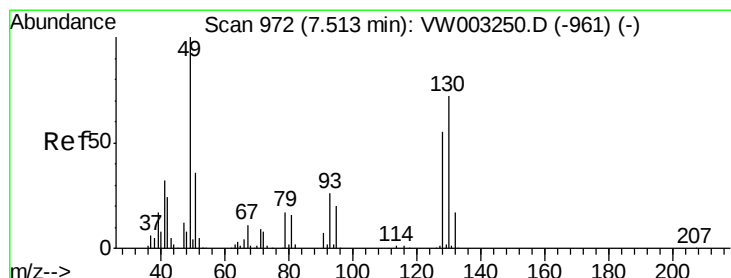
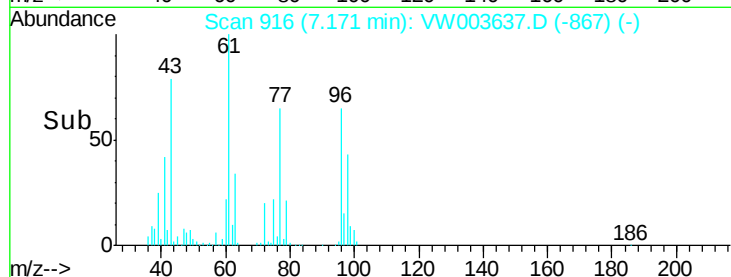
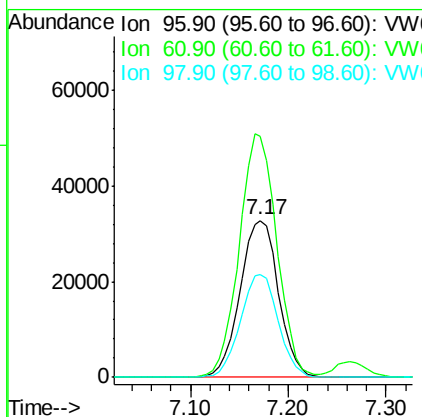
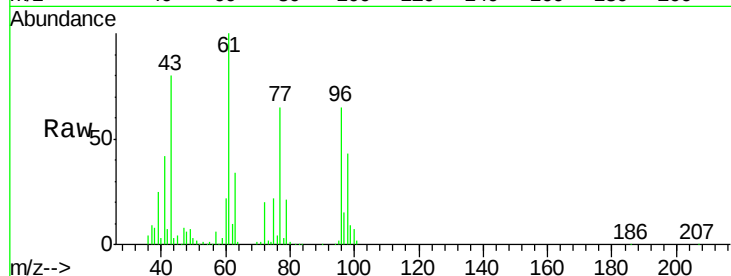
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	96	Resp:	89235
Ion Ratio	Lower	Upper	
96	100		
61	151.5	0.0	298.8
98	64.3	0.0	130.4

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#28

Bromochloromethane

Concen: 70.16 ug/l

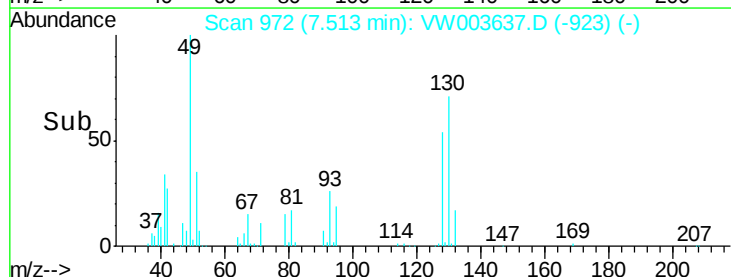
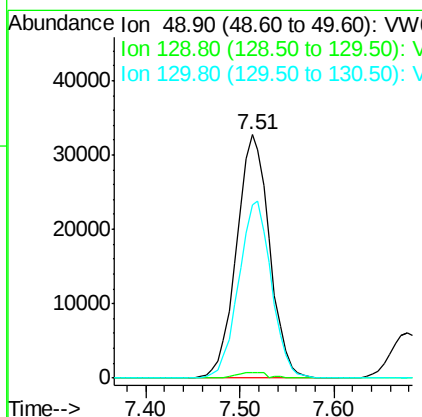
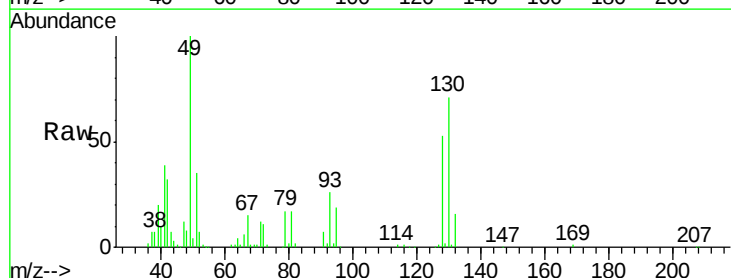
RT: 7.51 min Scan# 972

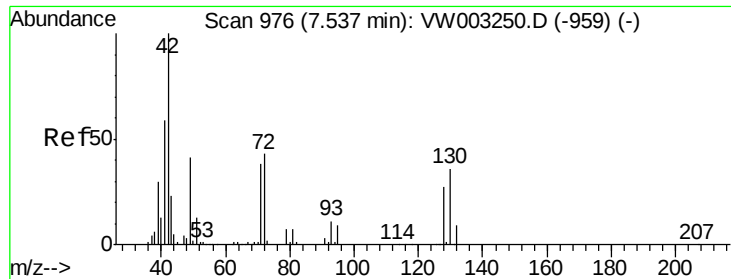
Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Tgt Ion:	49	Resp:	80112
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.6
130	71.9	59.4	89.2





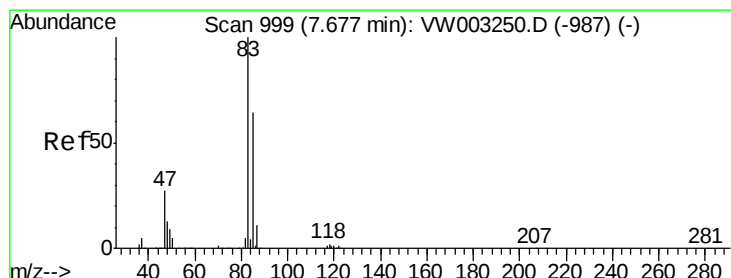
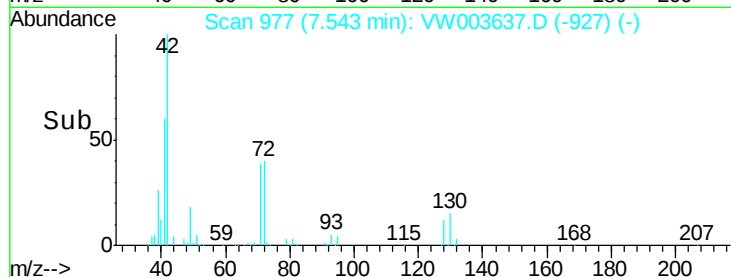
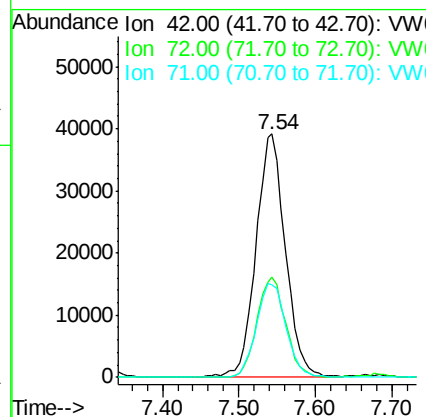
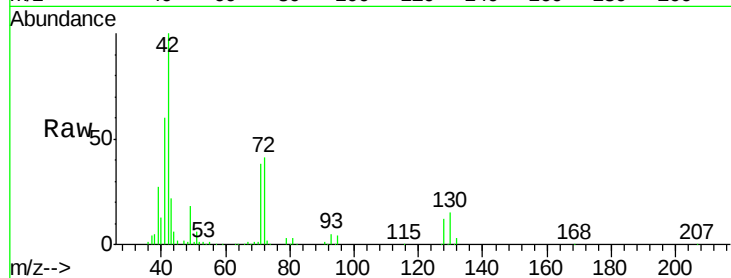
#29
Tetrahydrofuran
Concen: 415.63 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.4	48.6
71	39.1	31.2	46.8

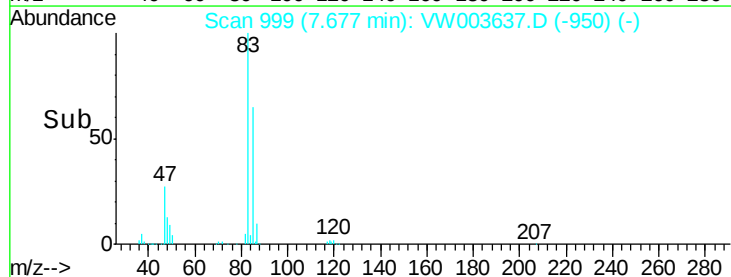
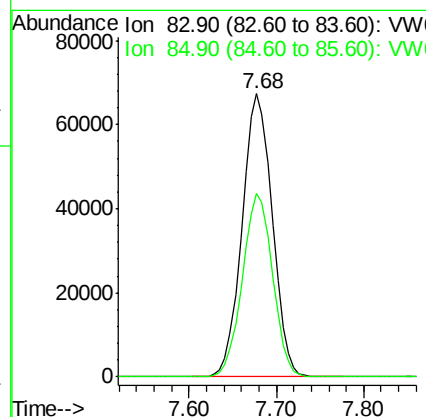
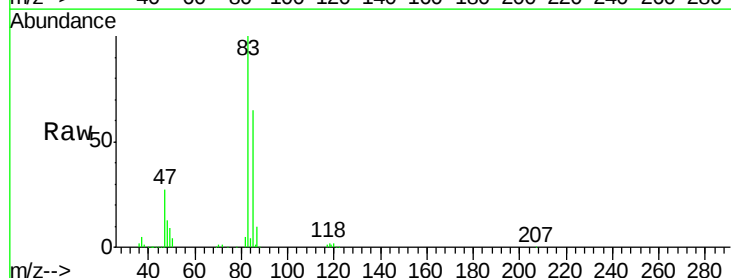
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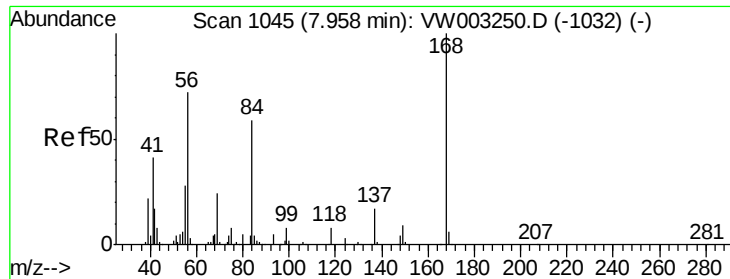
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#30
Chloroform
Concen: 57.80 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.3	76.9





#31

Cyclohexane

Concen: 34.60 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

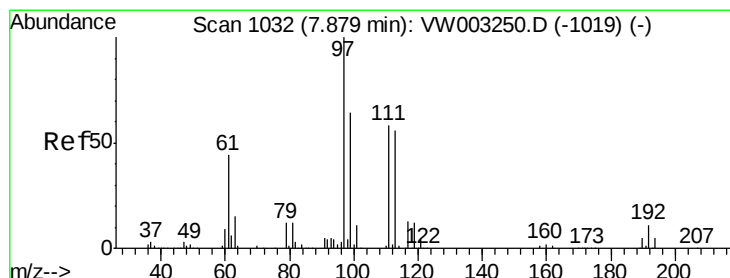
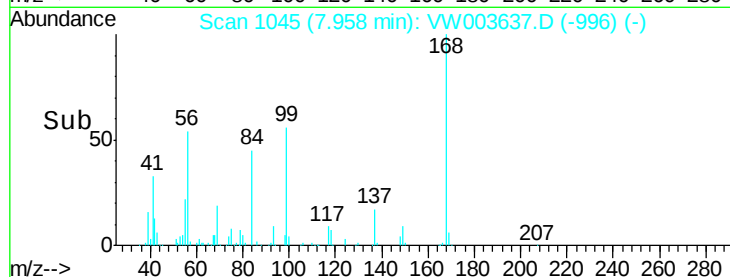
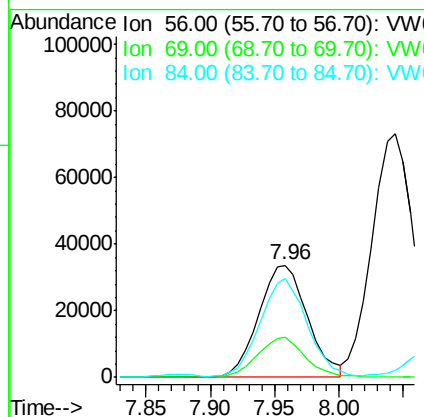
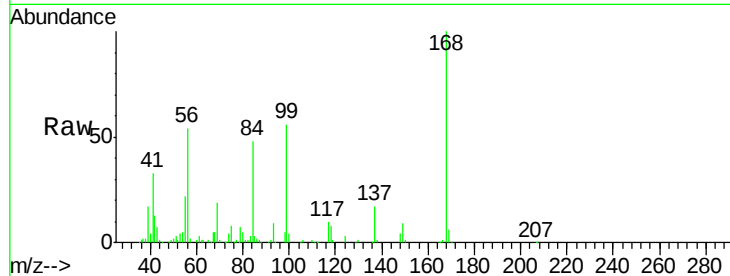
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	56	Resp:	88691
Ion	Ratio	Lower	Upper
56	100		
69	35.9	26.3	39.5
84	86.6	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 51.49 ug/l

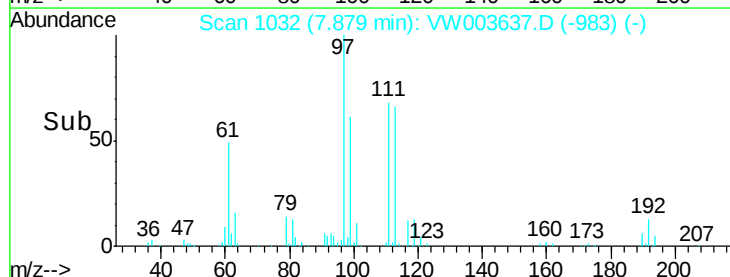
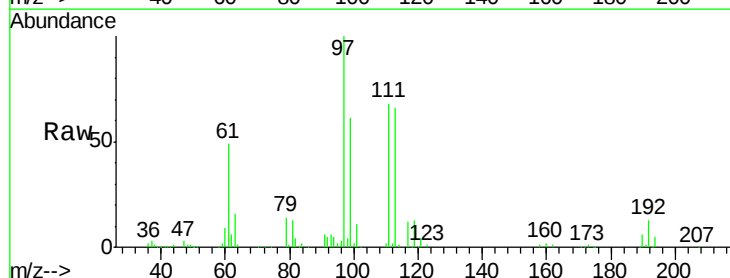
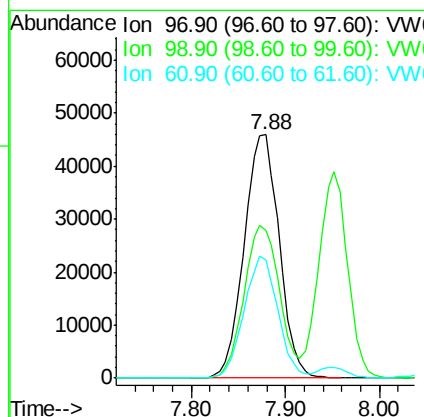
RT: 7.88 min Scan# 1032

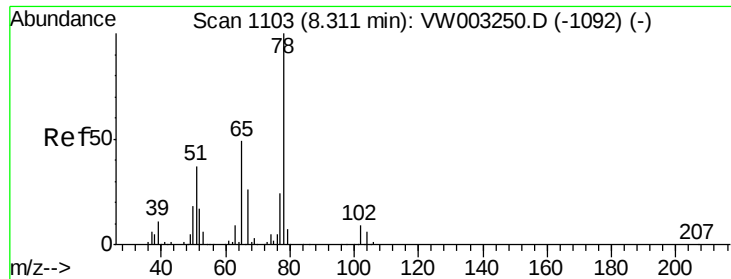
Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Tgt Ion:	97	Resp:	118812
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	48.3	37.6	56.4





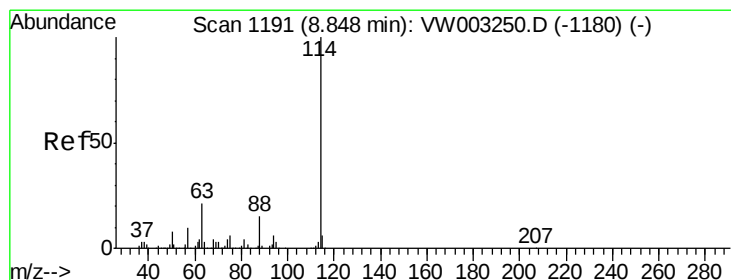
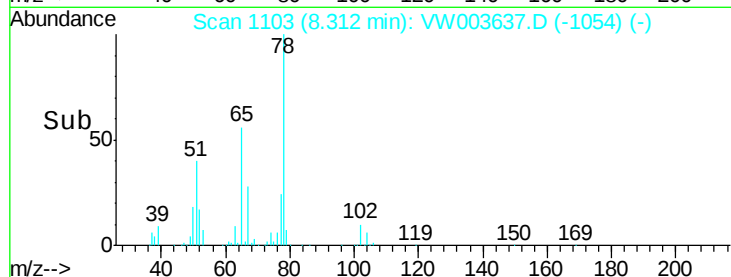
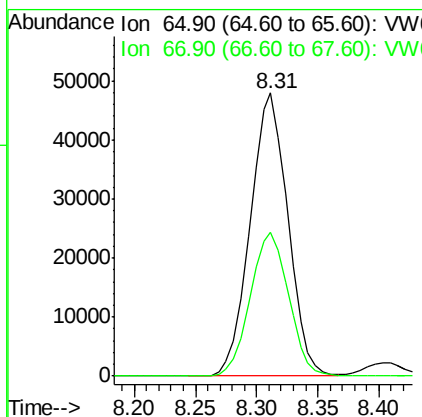
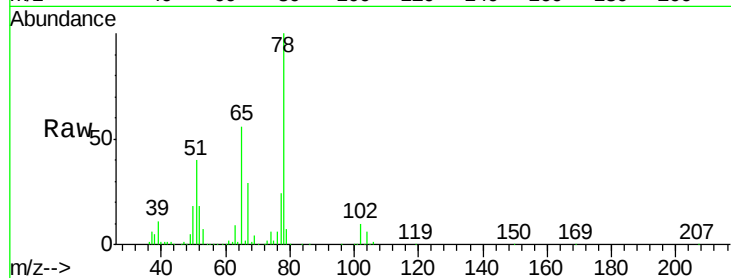
#33
 1,2-Dichloroethane-d4
 Concen: 64.80 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003637.D
 Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.2

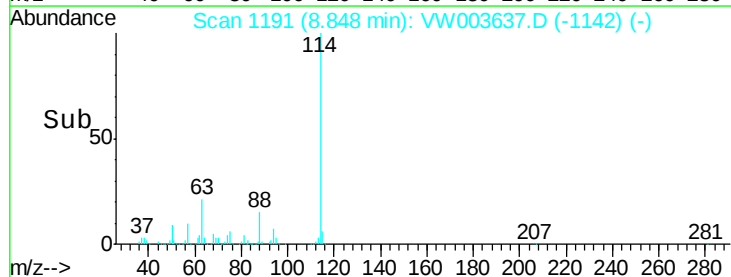
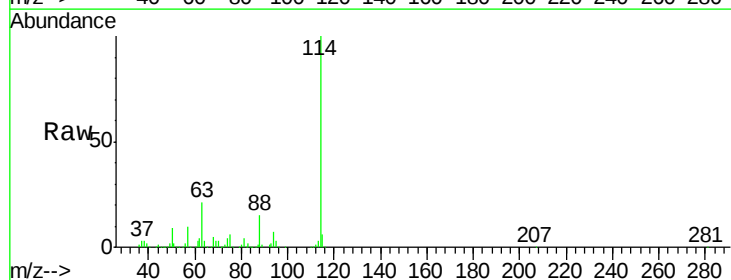
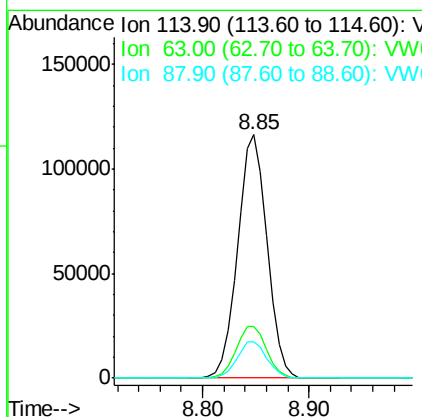
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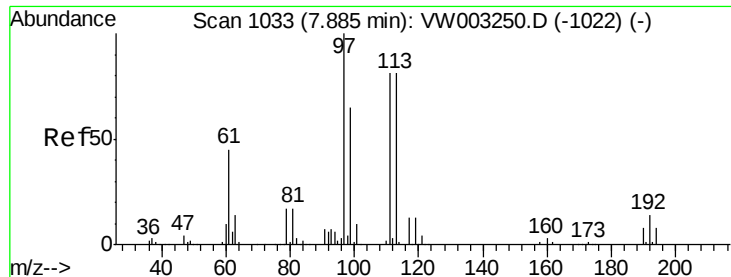
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003637.D
 Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.0
88	14.6	0.0	29.6





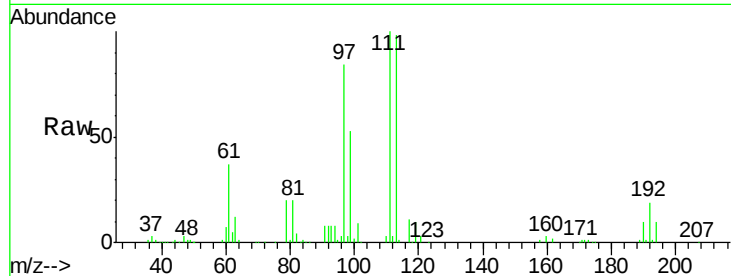
#35
Dibromofluoromethane
Concen: 59.90 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100	83852		
111	102.7		82.2	123.2
192	20.0		16.2	24.2

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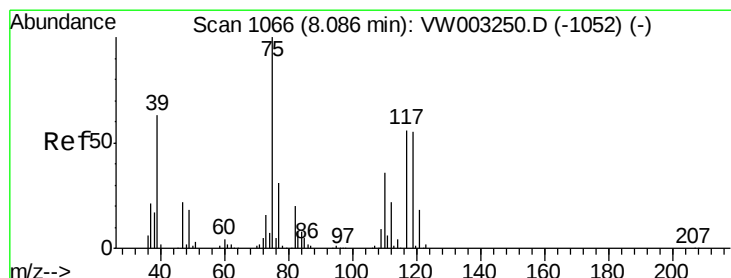
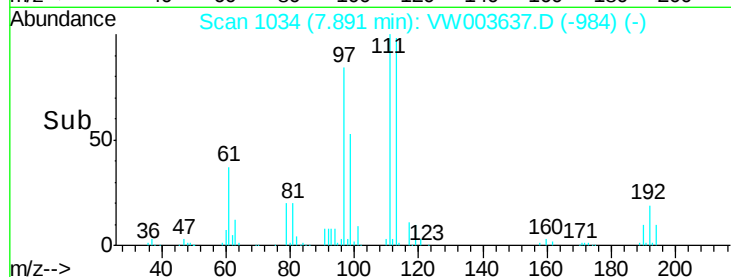
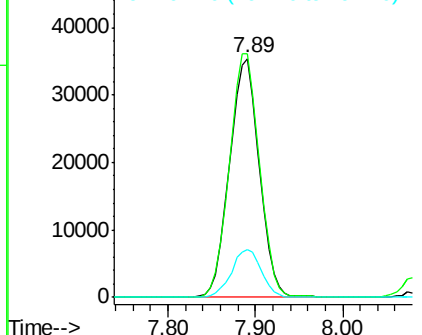


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 49.30 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

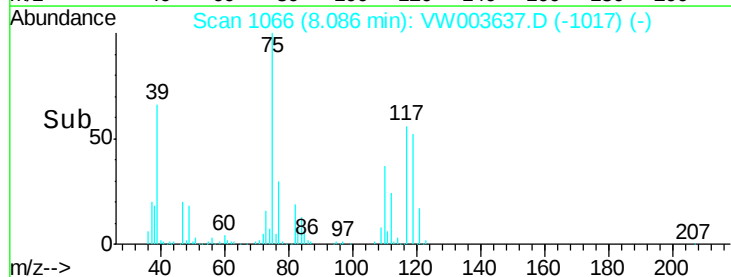
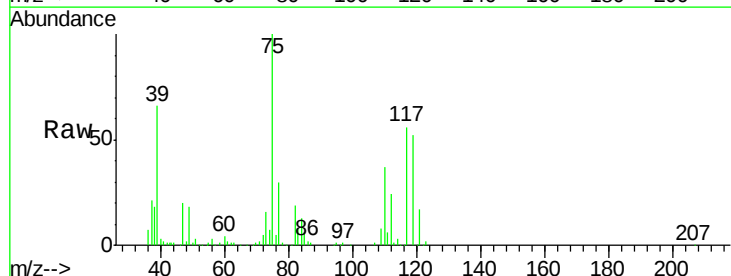
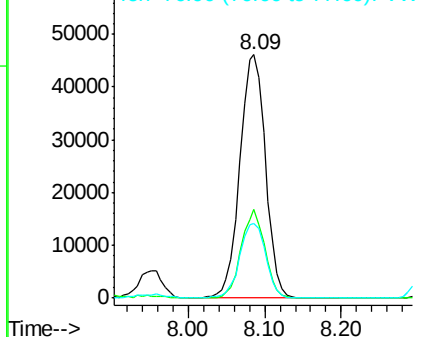
Tgt Ion	Ratio	Resp	Lower	Upper
75	100	107261		
110	33.6		17.1	51.3
77	31.2		24.9	37.3

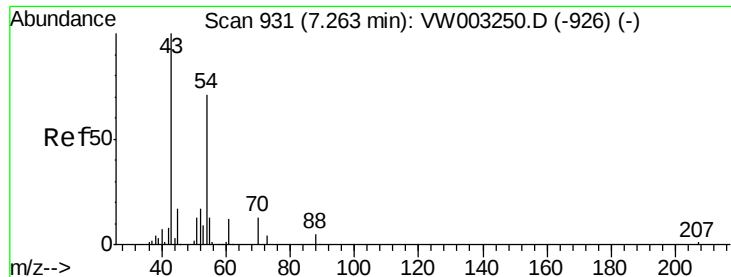
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





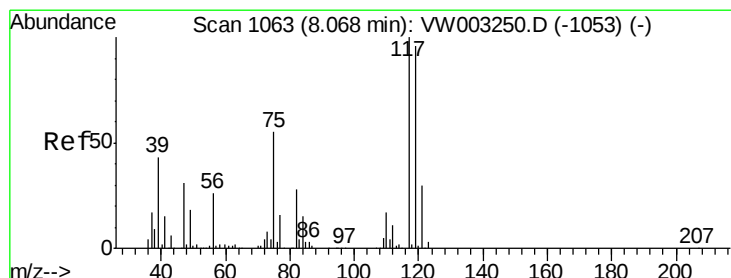
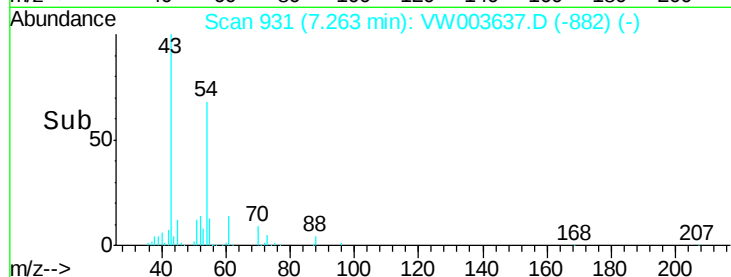
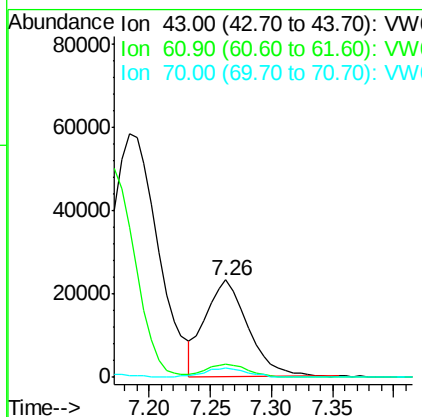
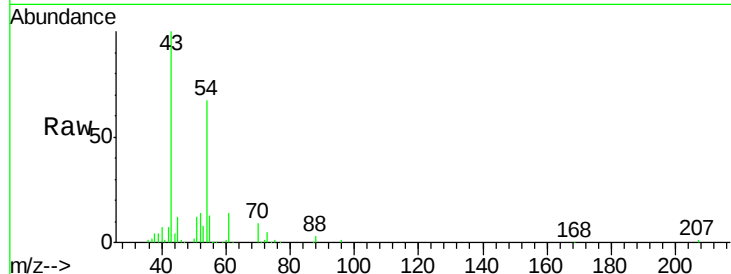
#37
Ethyl Acetate
Concen: 62.96 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.8	16.2
70	9.4	7.8	11.6

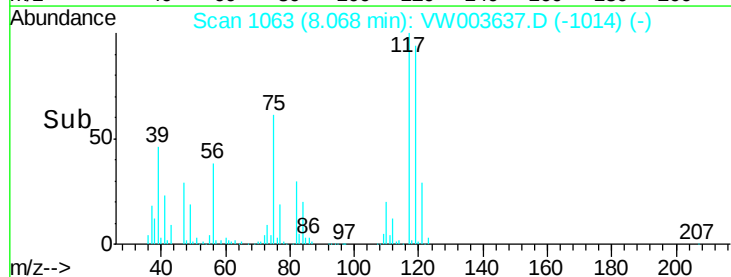
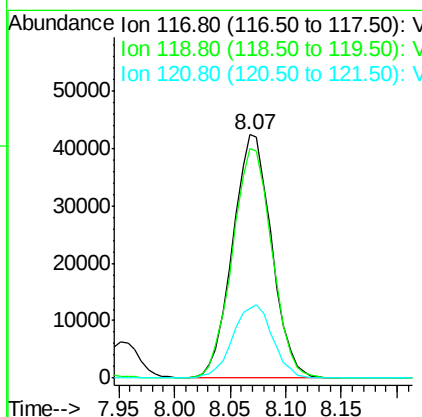
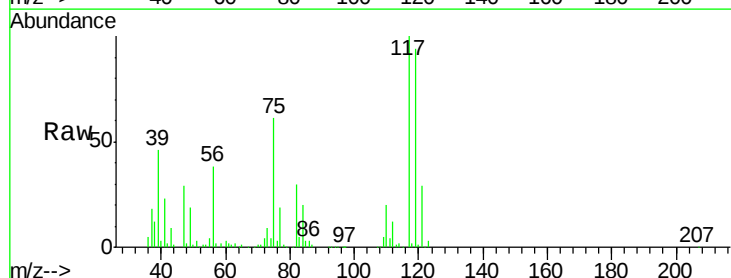
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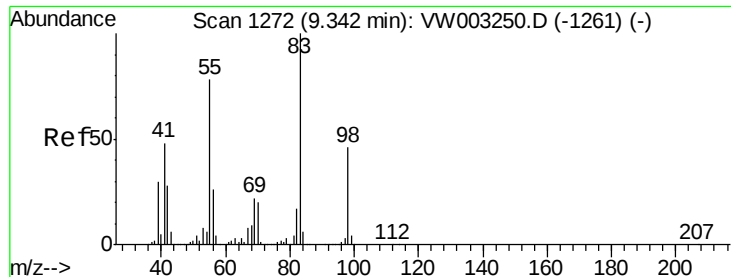
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#38
Carbon Tetrachloride
Concen: 48.28 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.6	115.0
121	28.5	23.9	35.9





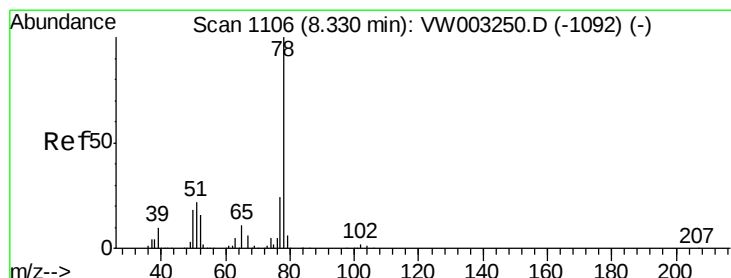
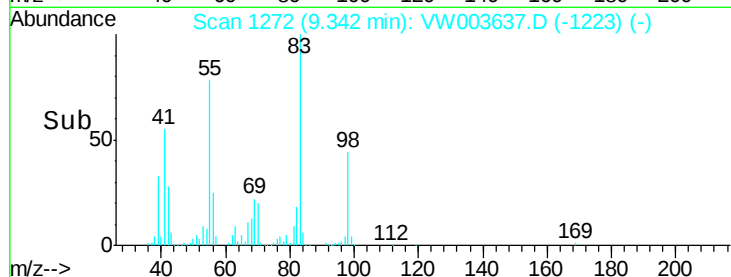
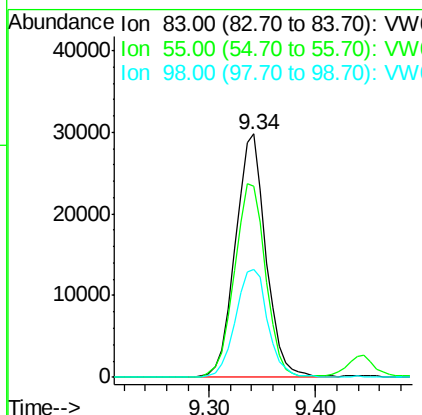
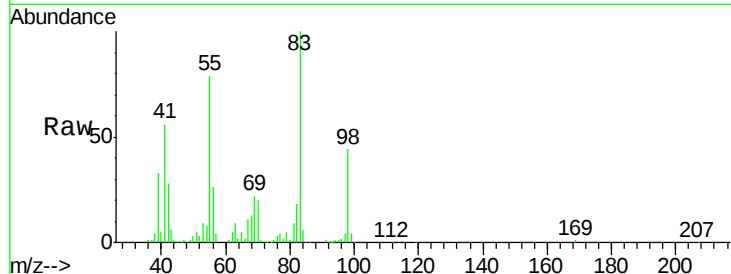
#39
Methvlcvclohexane
Concen: 23.87 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.7	62.6	93.8
98	44.1	37.0	55.4

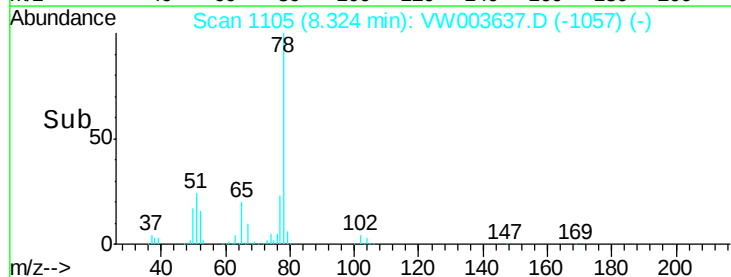
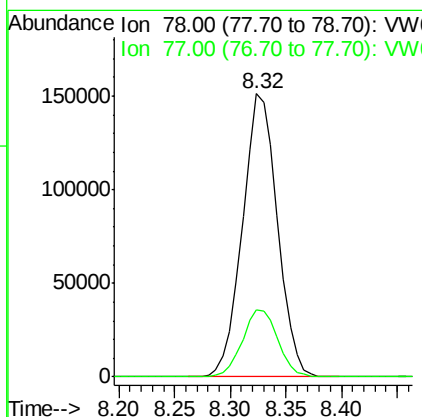
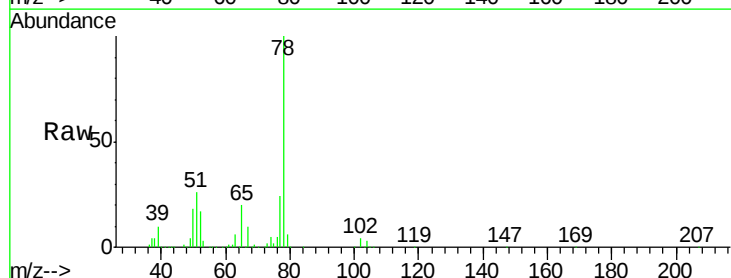
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#40
Benzene
Concen: 55.10 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





#41

Methacrylonitrile

Concen: 80.45 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 41 Resp: 44498

Ion Ratio Lower Upper

41 100

39 55.7 45.8 68.8

67 64.5 52.3 78.5

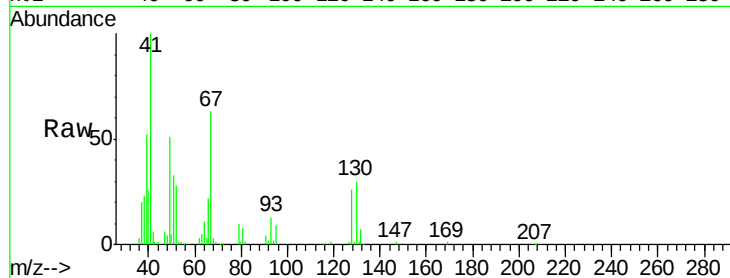
52 29.8 24.1 36.1

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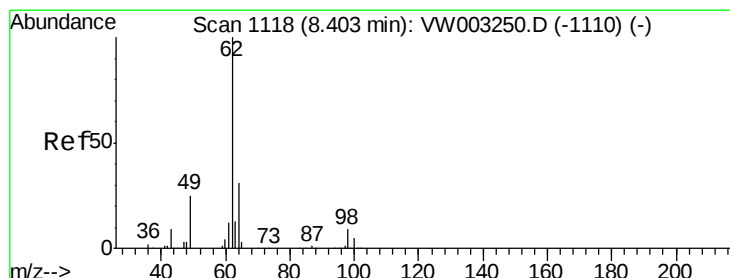
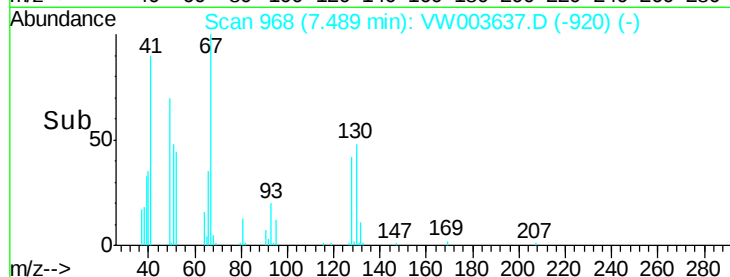
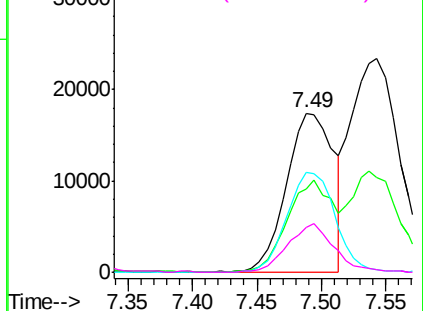


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 65.85 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003637.D

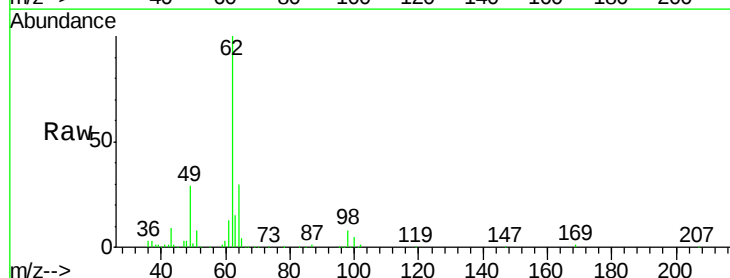
Acq: 28 Jun 2018 14:40

Tgt Ion: 62 Resp: 123732

Ion Ratio Lower Upper

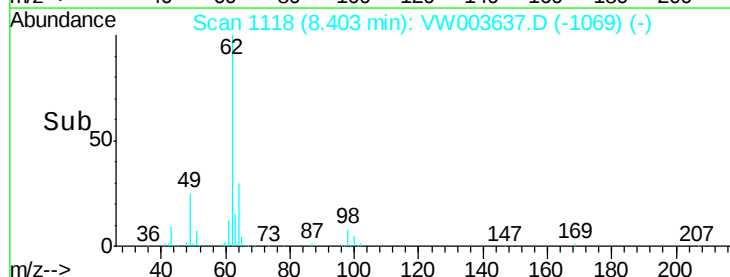
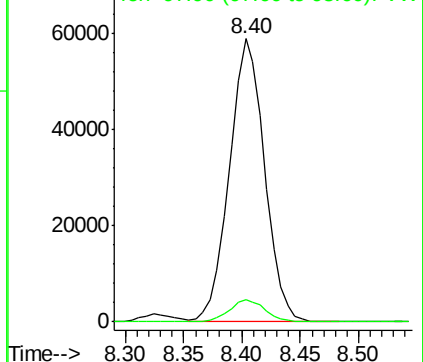
62 100

98 8.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 65.84 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

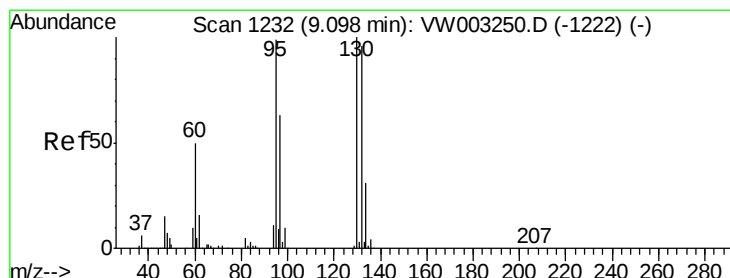
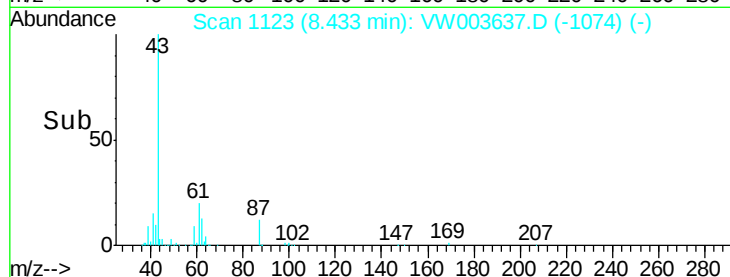
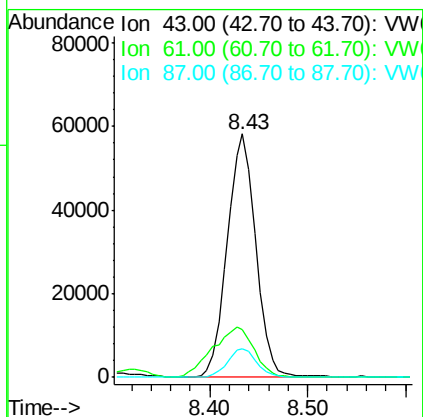
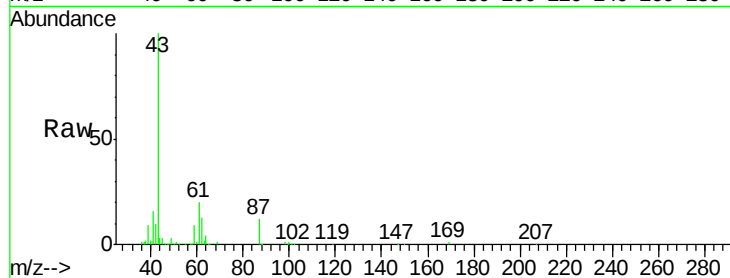
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	43	Resp:	117824
Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.1	34.7
87	11.9	9.8	14.6

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#44

Trichloroethene

Concen: 48.11 ug/l

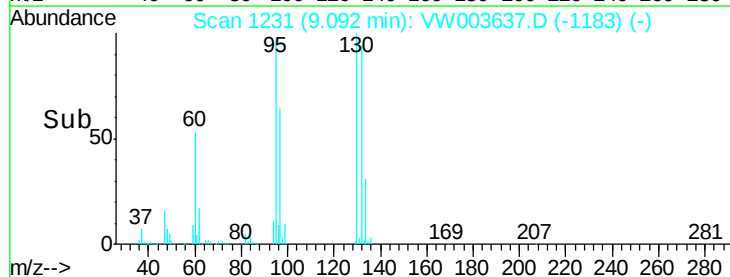
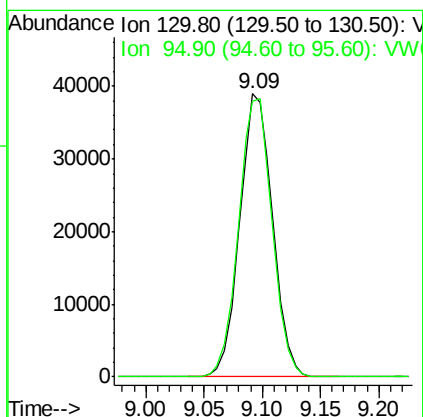
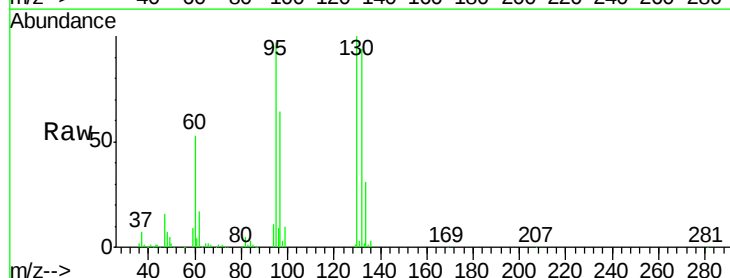
RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Tgt Ion:	130	Resp:	76446
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	198.0





#45

1,2-Dichloropropane

Concen: 58.50 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 63 Resp: 89317

Ion Ratio Lower Upper

63 100

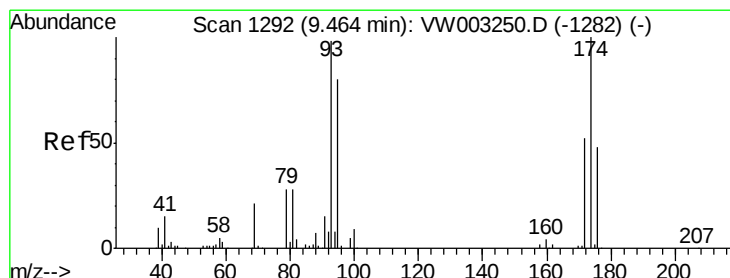
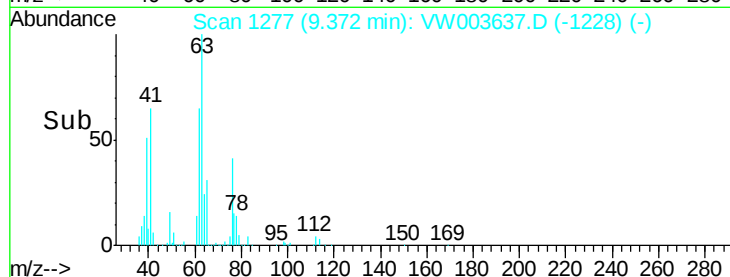
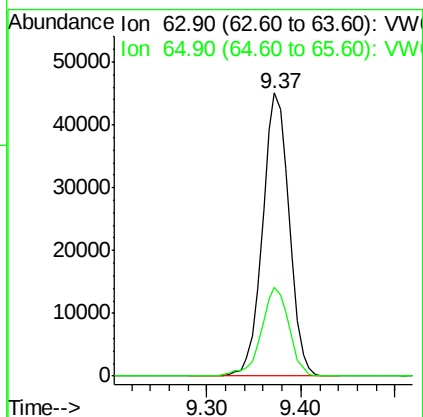
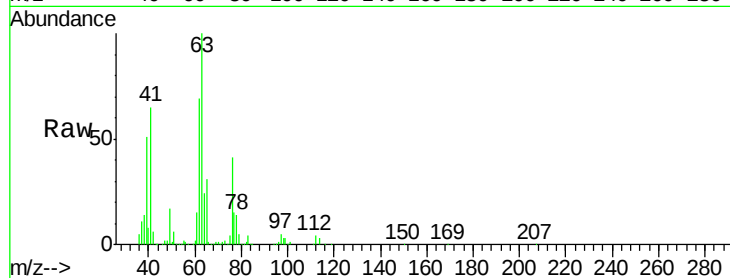
65 31.3 25.1 37.7

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#46

Dibromomethane

Concen: 65.34 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

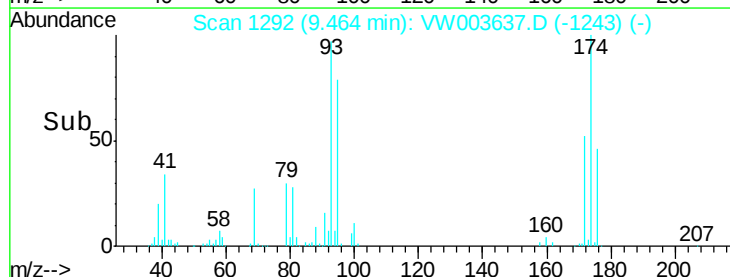
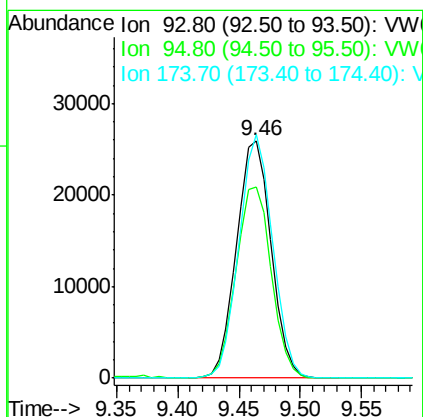
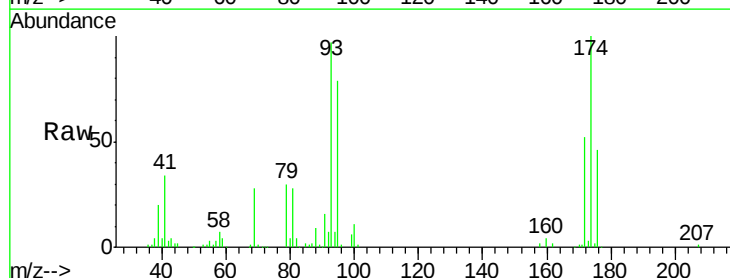
Tgt Ion: 93 Resp: 51080

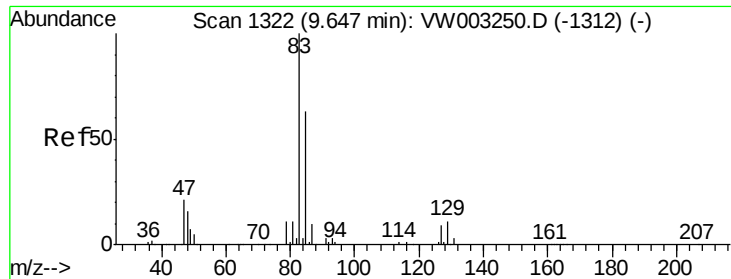
Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.8

174 99.4 81.4 122.0





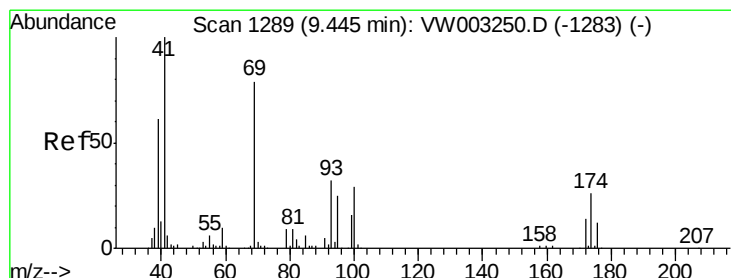
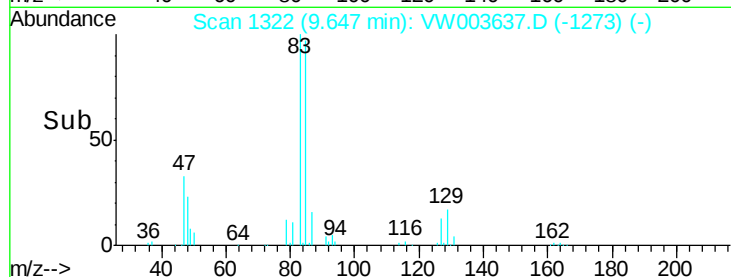
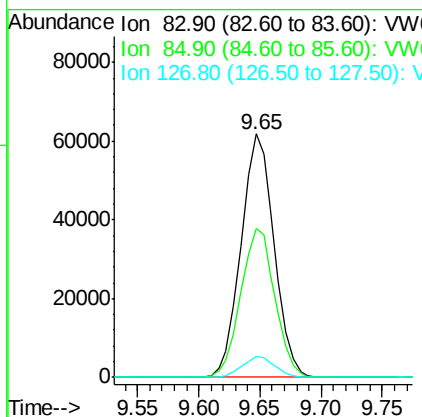
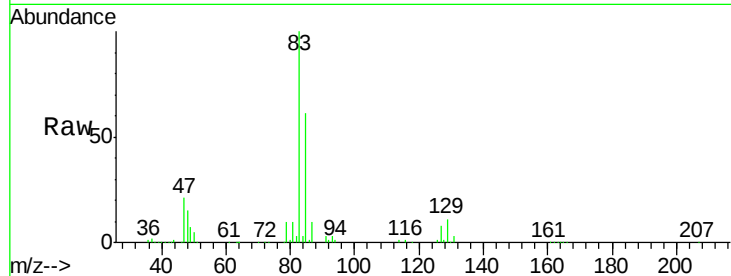
#47
 Bromodichloromethane
 Concen: 57.79 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW003637.D
 Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	61.2	50.6	75.8	
127	8.4	6.8	10.2	

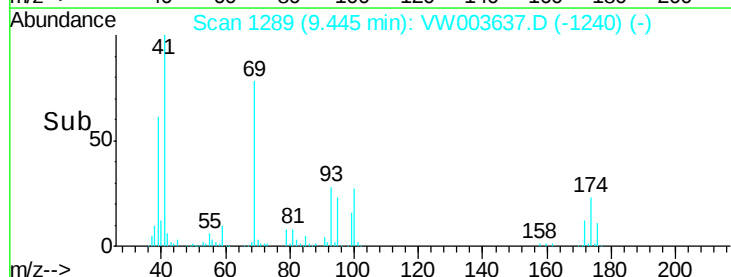
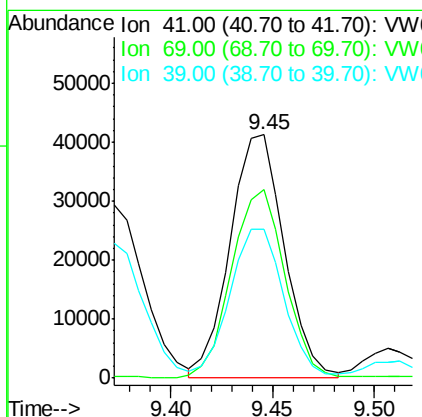
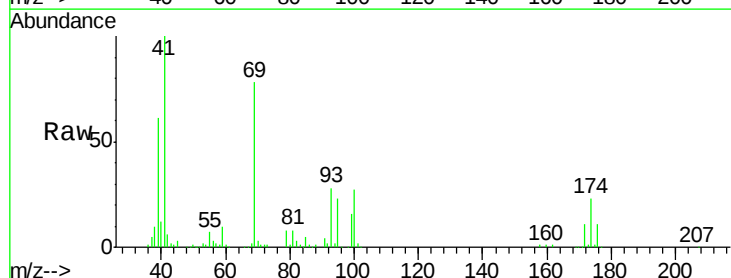
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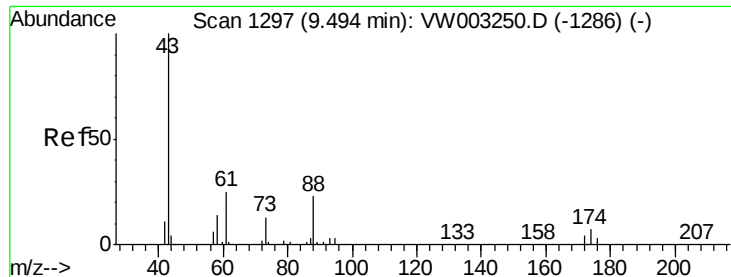
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#48
 Methyl methacrylate
 Concen: 90.36 ug/l
 RT: 9.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VW003637.D
 Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	76.5	65.4	98.2	
39	61.7	54.2	81.2	





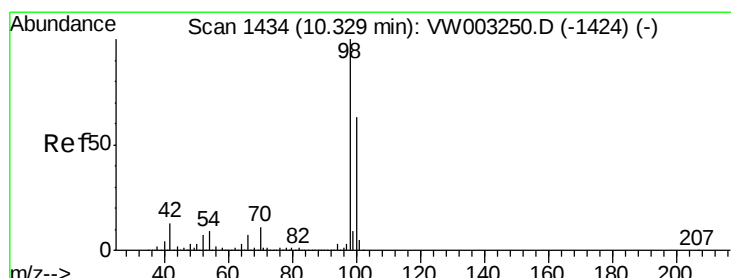
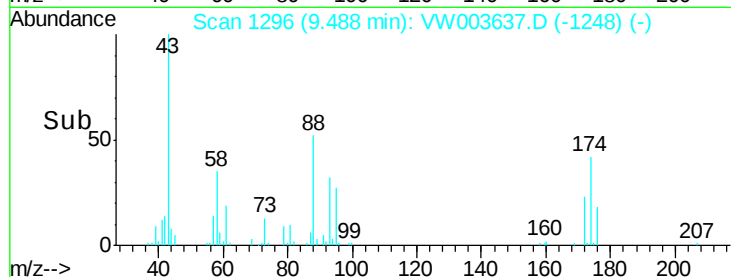
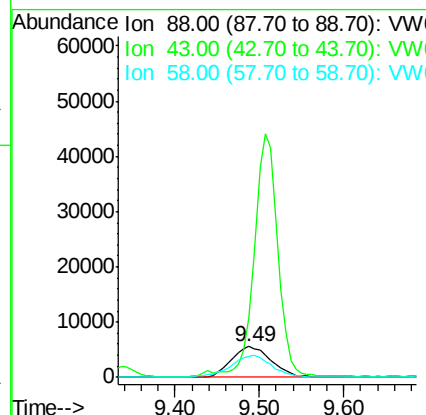
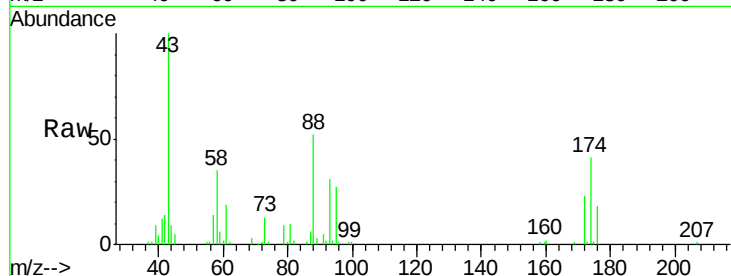
#49
1,4-Dioxane
Concen: 1520.23 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	88	Resp	17944
Ion	Ratio	Lower	Upper
88	100		
43	454.1	454.7	682.1#
58	73.6	58.6	88.0

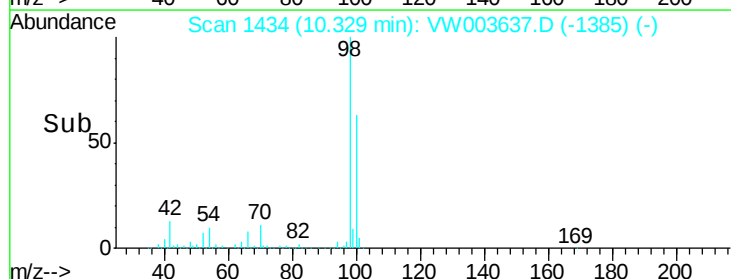
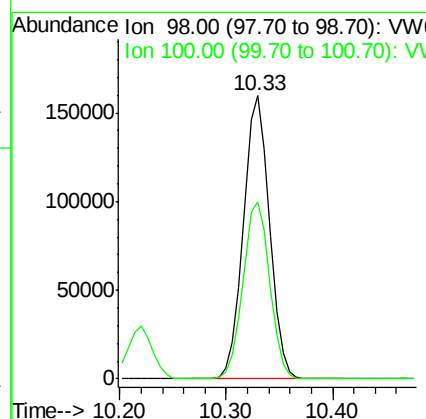
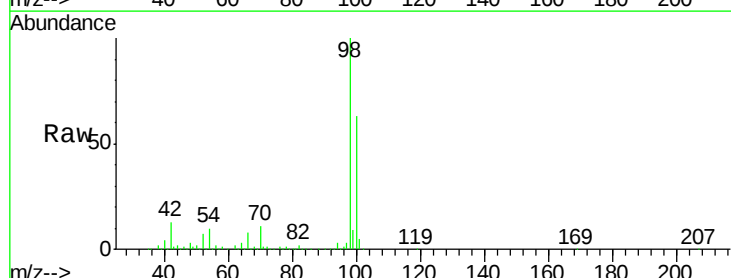
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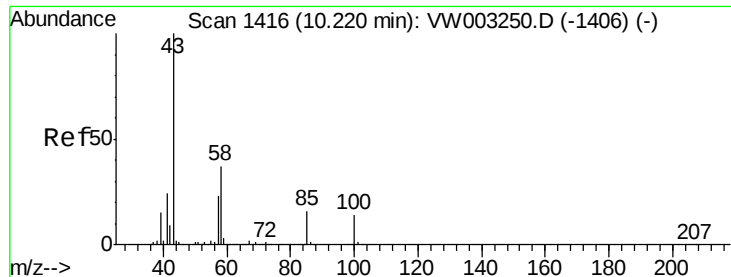
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#50
Toluene-d8
Concen: 49.54 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	98	Resp	274976
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 404.93 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 43 Resp: 369270

Ion Ratio Lower Upper

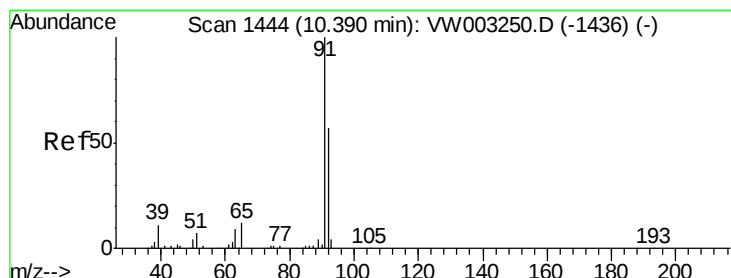
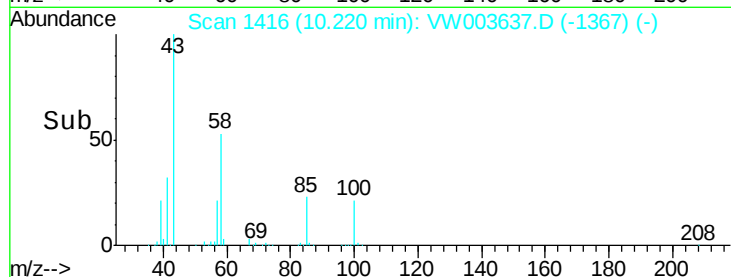
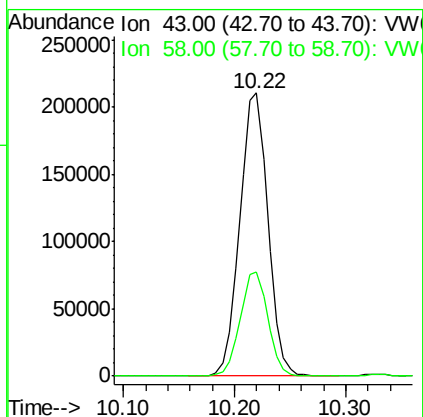
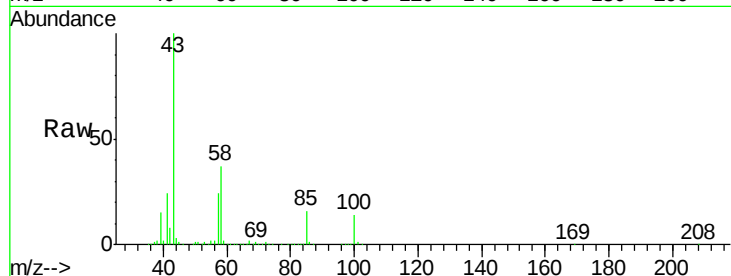
43 100

58 36.3 29.0 43.4

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#52

Toluene

Concen: 48.01 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003637.D

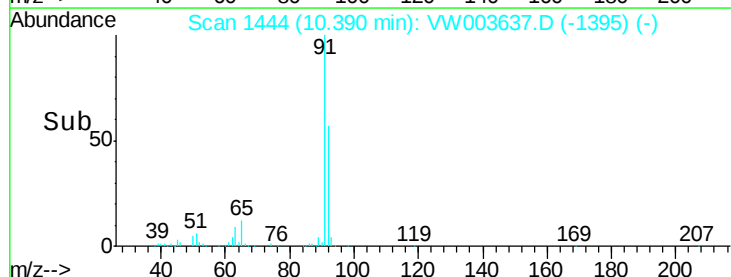
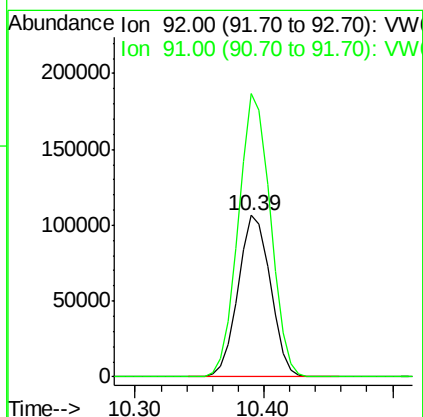
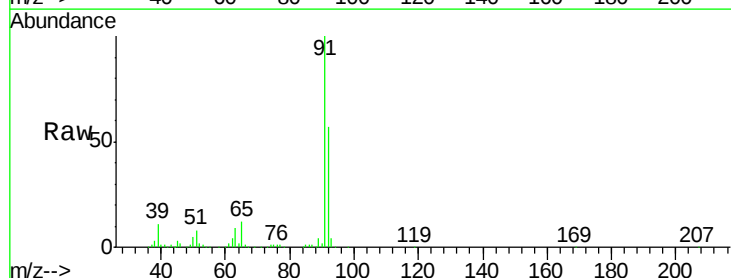
Acq: 28 Jun 2018 14:40

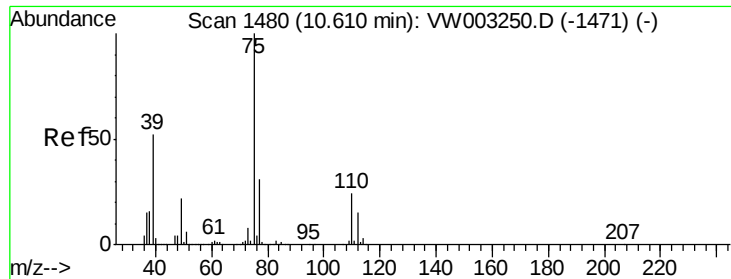
Tgt Ion: 92 Resp: 184634

Ion Ratio Lower Upper

92 100

91 174.1 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 58.23 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 75 Resp: 119184

Ion Ratio Lower Upper

75 100

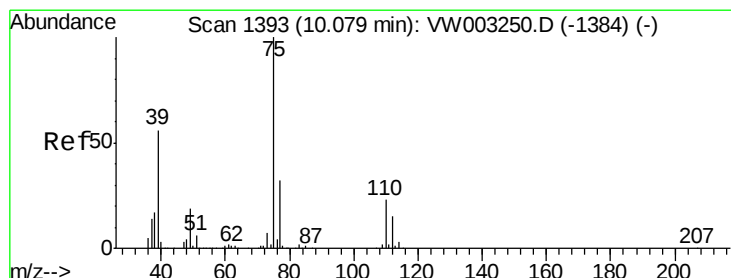
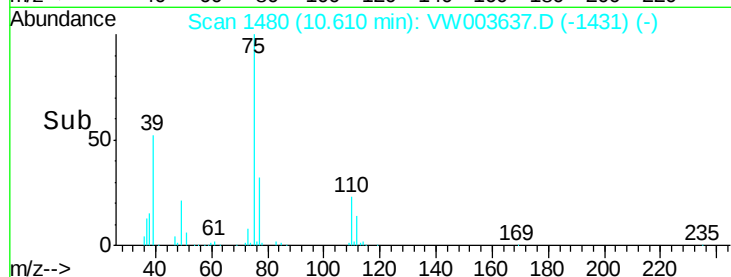
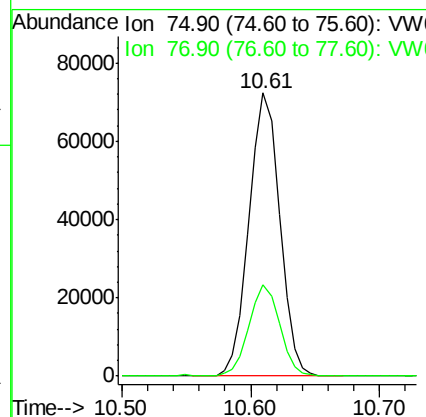
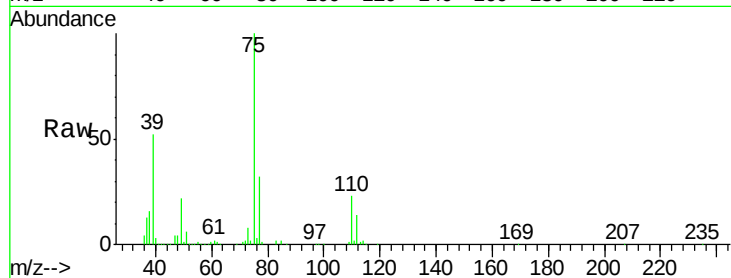
77 32.3 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 56.78 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

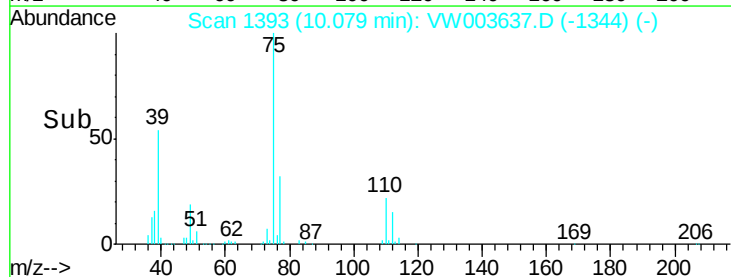
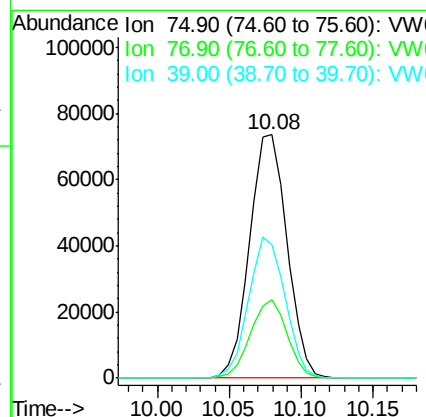
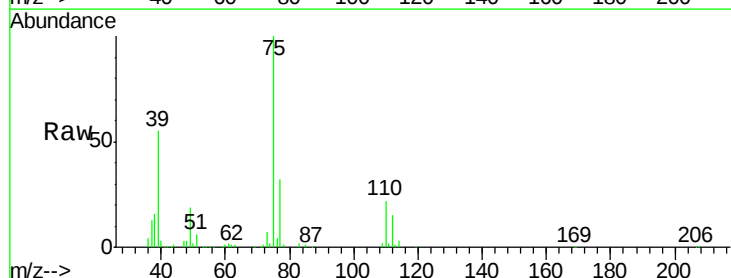
Tgt Ion: 75 Resp: 132288

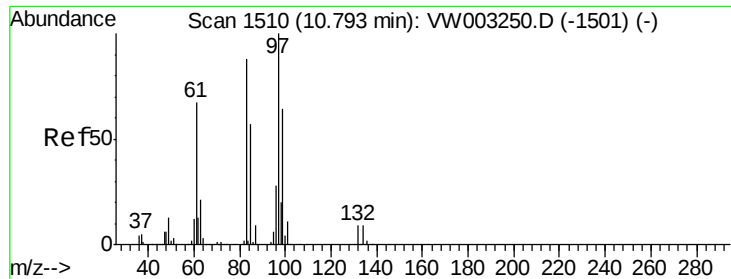
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

39 54.5 45.2 67.8





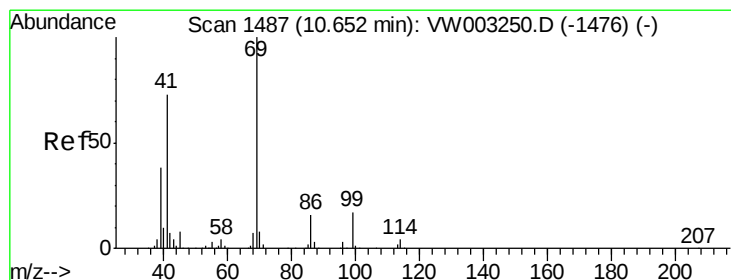
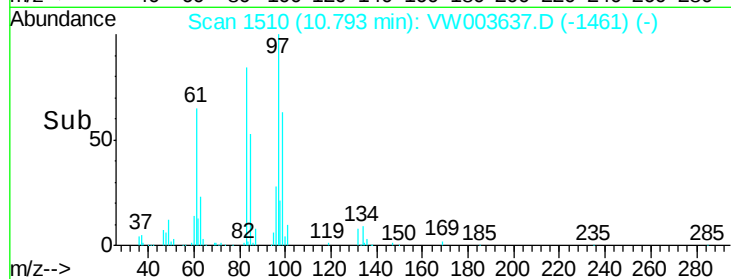
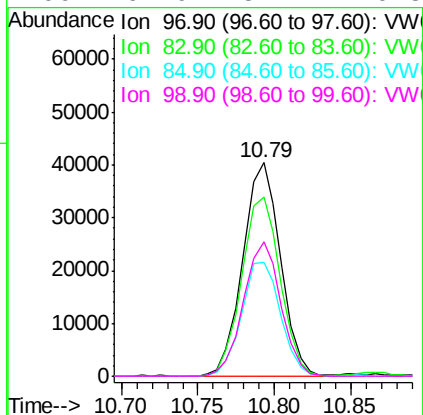
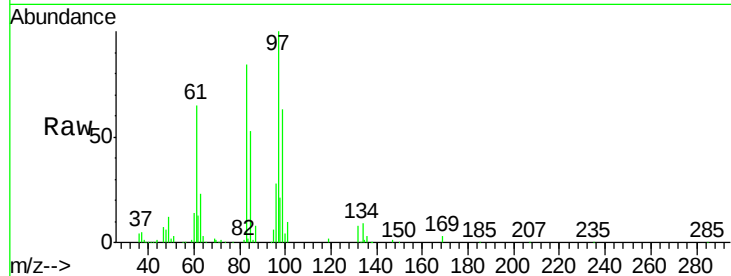
#55
 1,1,2-Trichloroethane
 Concen: 63.06 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003637.D
 Acq: 28 Jun 2018 14:40

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

Tot Ion:	97	Resp:	69467
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.2	105.2
85	53.2	45.6	68.4
99	62.9	51.2	76.8

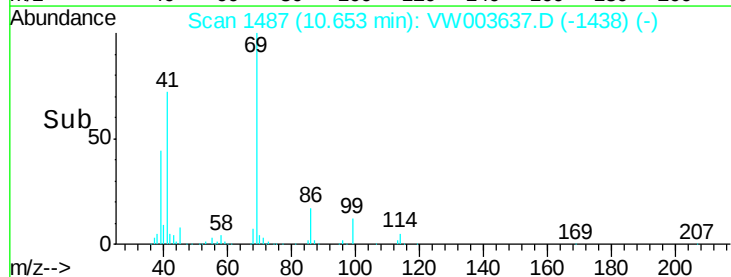
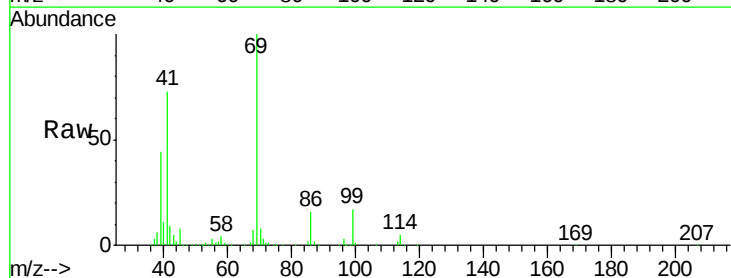
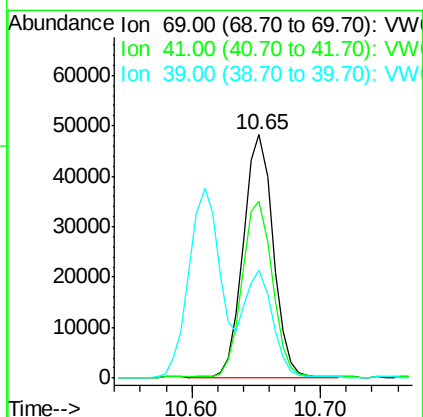
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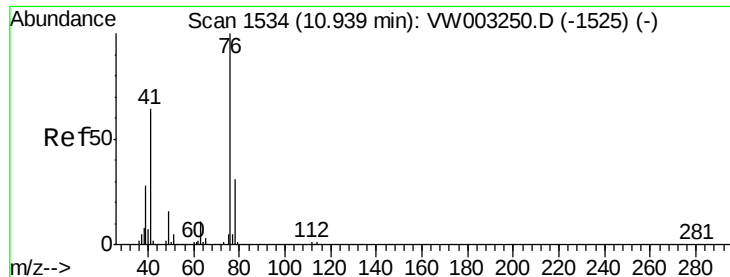
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#56
 Ethyl methacrylate
 Concen: 57.24 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003637.D
 Acq: 28 Jun 2018 14:40

Tgt Ion:	69	Resp:	76573
Ion	Ratio	Lower	Upper
69	100		
41	73.2	57.8	86.6
39	40.5	32.7	49.1





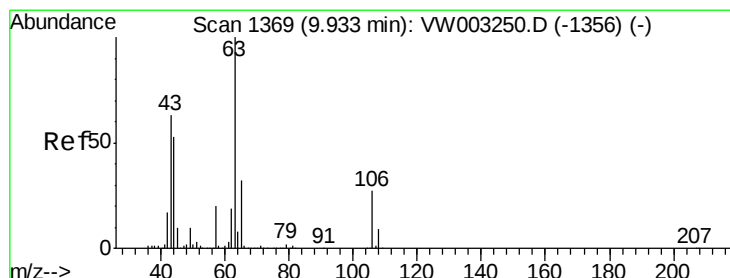
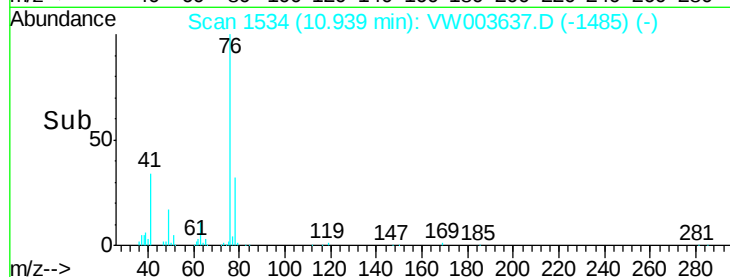
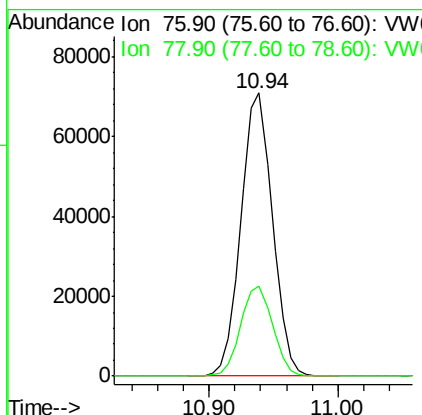
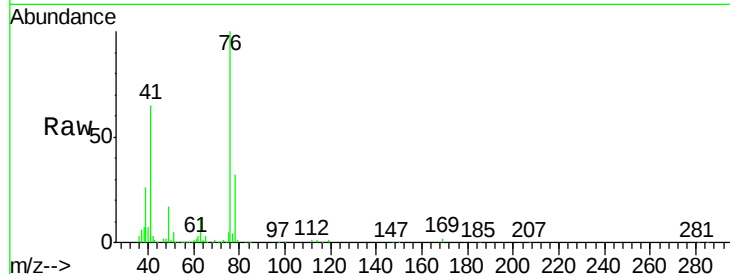
#57
 1,3-Dichloropropane
 Concen: 63.05 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003637.D
 Acq: 28 Jun 2018 14:40

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

Tot Ion: 76 Resp: 119780
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5

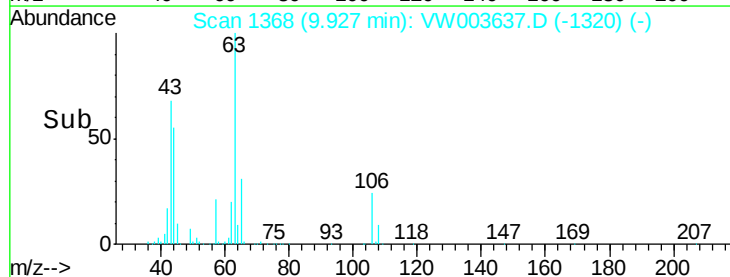
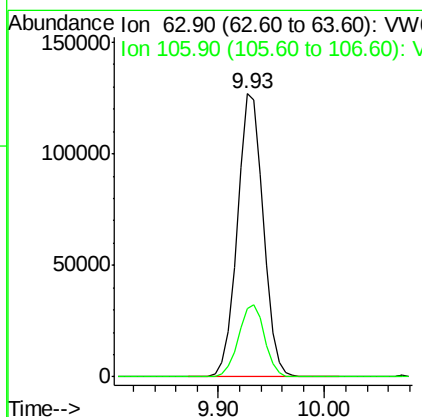
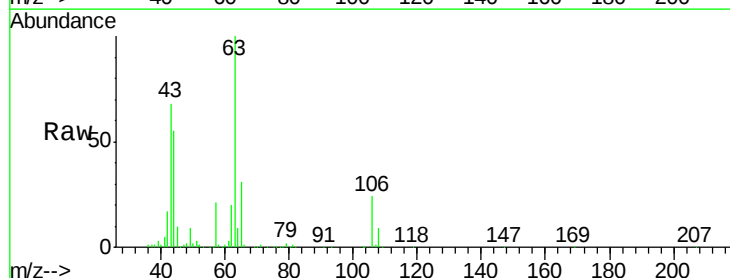
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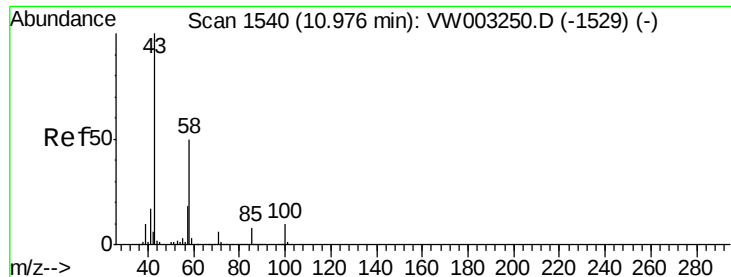
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#58
 2-Chloroethyl Vinyl ether
 Concen: 361.05 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003637.D
 Acq: 28 Jun 2018 14:40

Tgt Ion: 63 Resp: 216507
 Ion Ratio Lower Upper
 63 100
 106 25.8 21.8 32.8





#59

2-Hexanone

Concen: 388.17 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 43 Resp: 247291

Ion Ratio Lower Upper

43 100

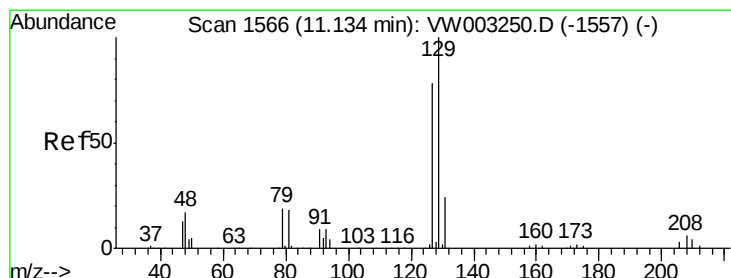
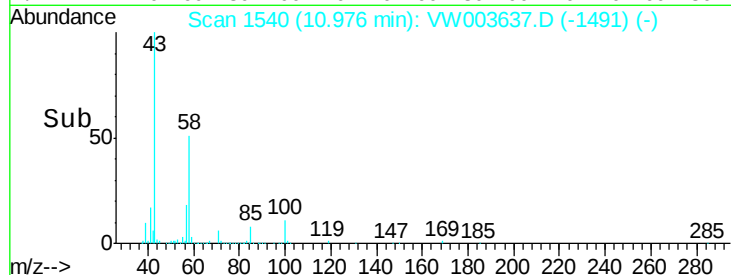
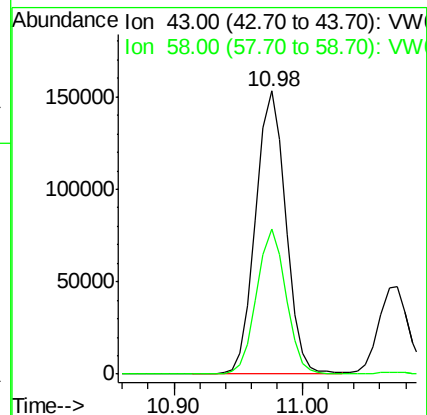
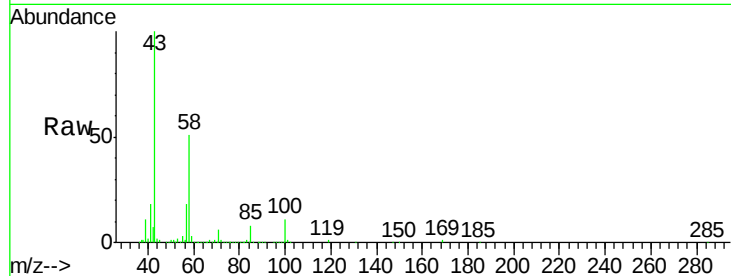
58 50.1 25.0 75.0

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#60

Dibromochloromethane

Concen: 56.04 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW003637.D

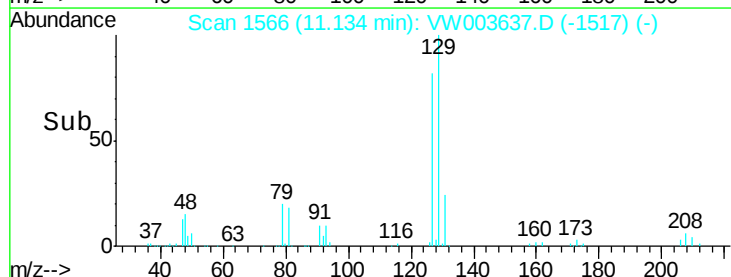
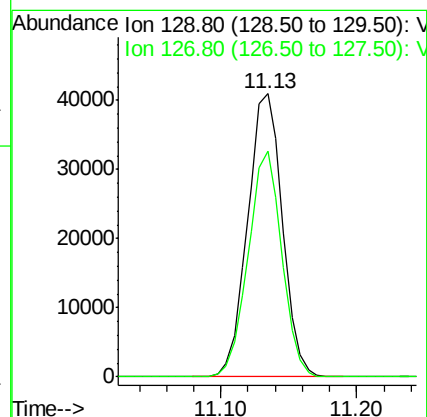
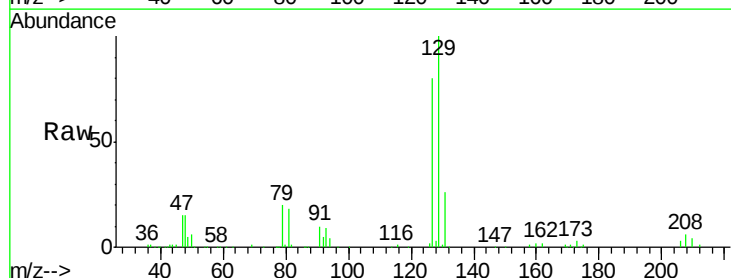
Acq: 28 Jun 2018 14:40

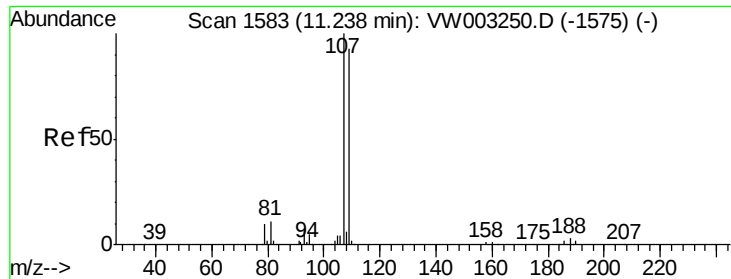
Tgt Ion: 129 Resp: 73419

Ion Ratio Lower Upper

129 100

127 77.0 39.1 117.5





#61

1,2-Dibromoethane

Concen: 61.28 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 107 Resp: 63849

Ion Ratio Lower Upper

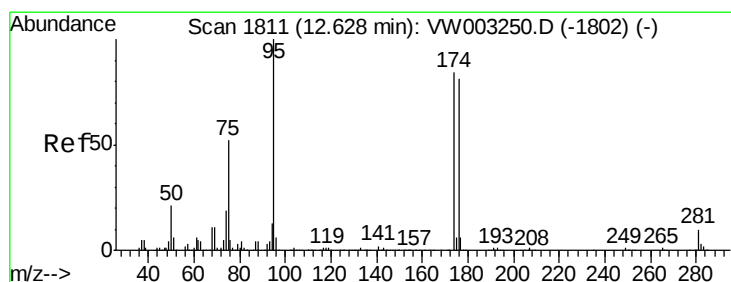
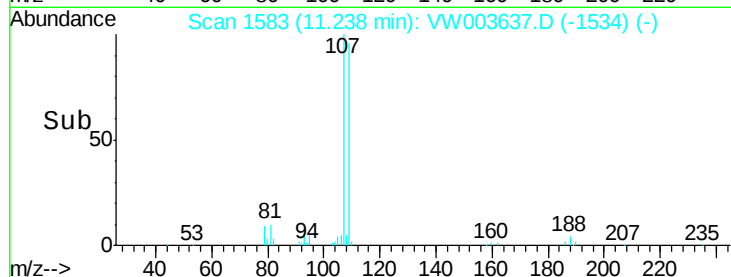
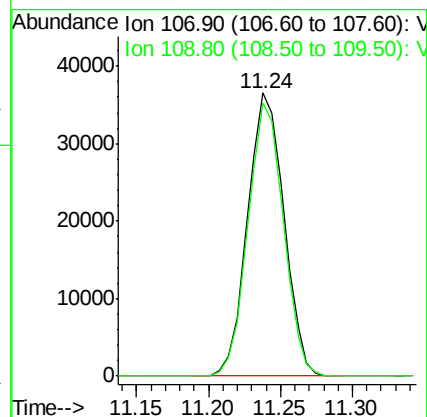
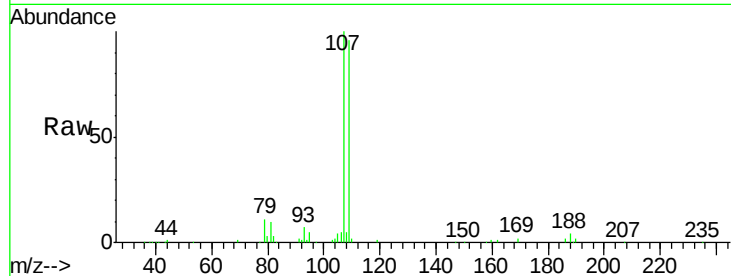
107 100

109 93.9 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 35.45 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

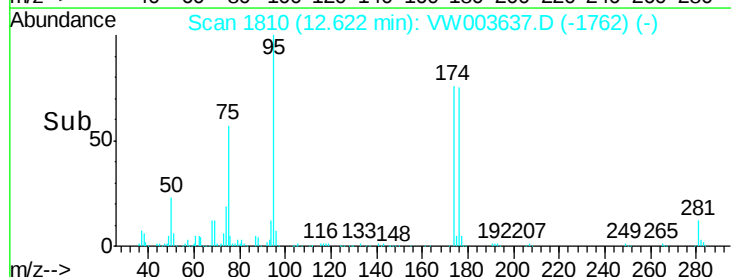
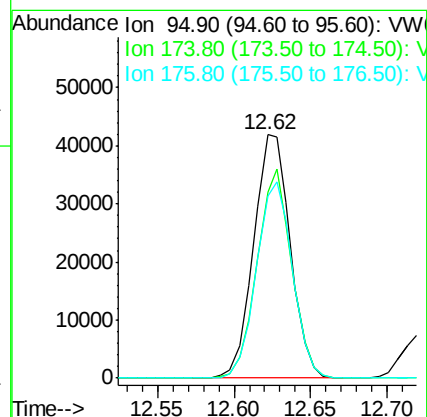
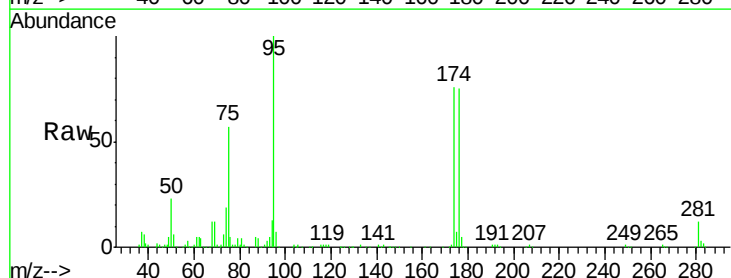
Tgt Ion: 95 Resp: 69636

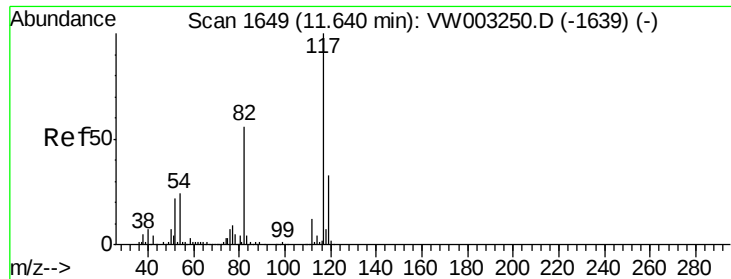
Ion Ratio Lower Upper

95 100

174 80.7 0.0 166.4

176 79.4 0.0 162.0





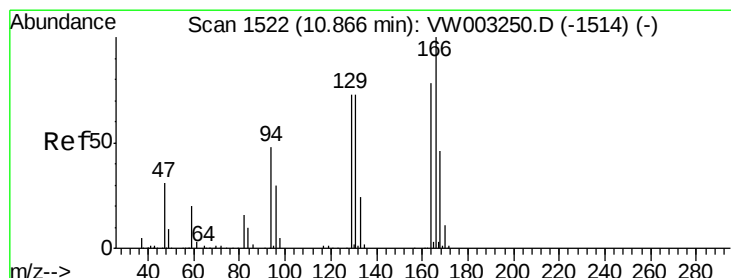
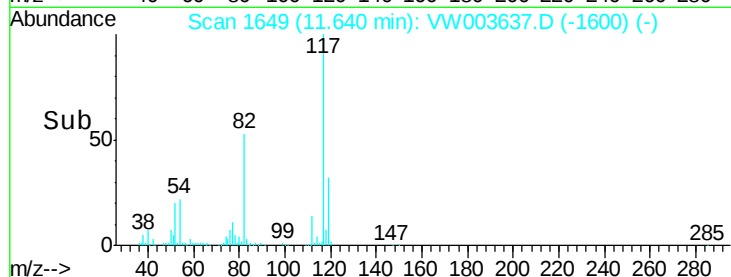
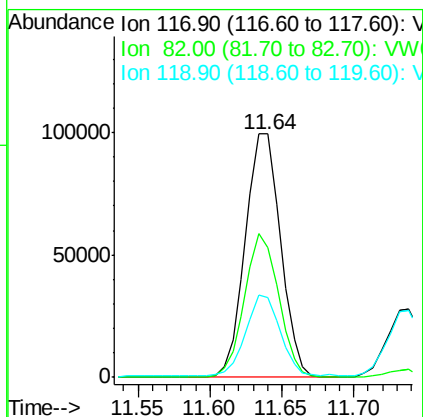
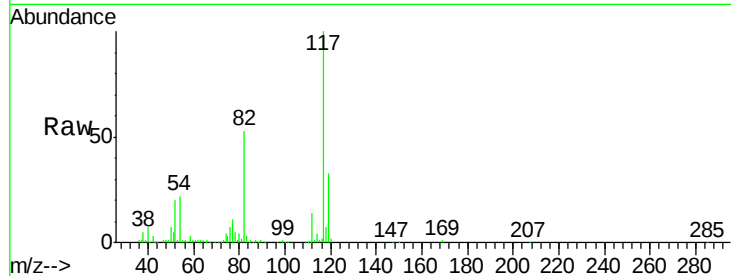
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	44.6	67.0
119	31.9	26.7	40.1

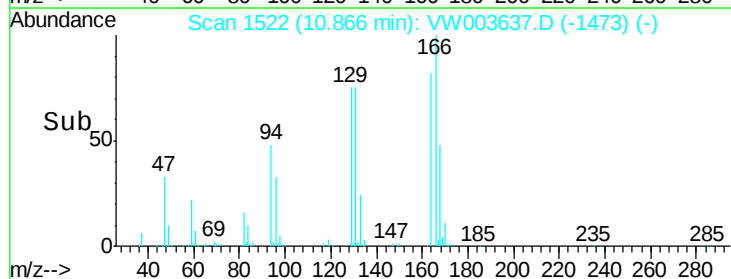
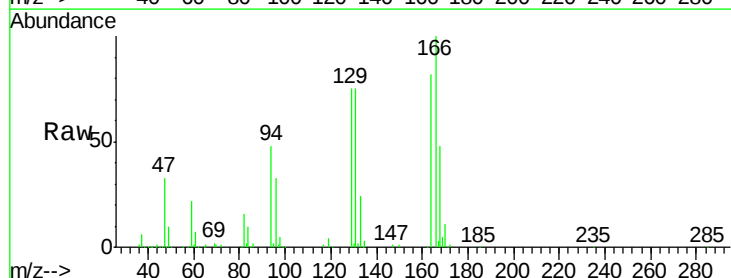
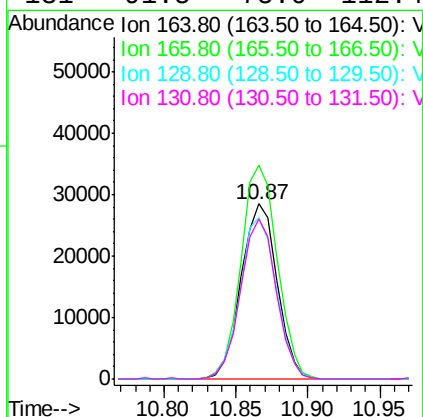
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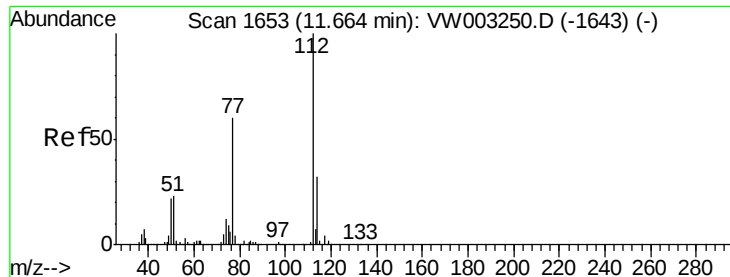
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#64
Tetrachloroethene
Concen: 43.49 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.1	102.6	154.0
129	92.0	75.2	112.8
131	91.5	75.0	112.4





#65

Chlorobenzene

Concen: 49.02 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:112 Resp: 172499

Ion Ratio Lower Upper

112 100

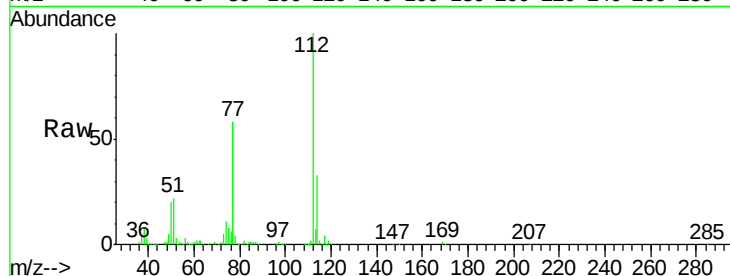
114 32.5 25.9 38.9

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

120000

100000

80000

60000

40000

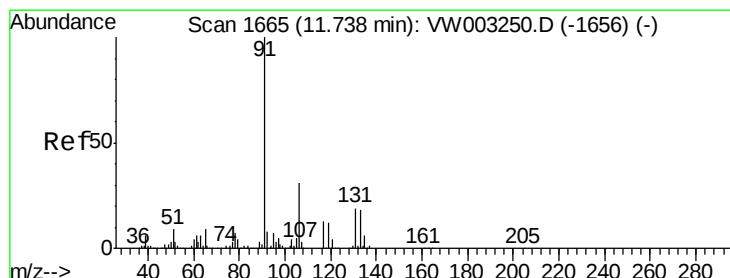
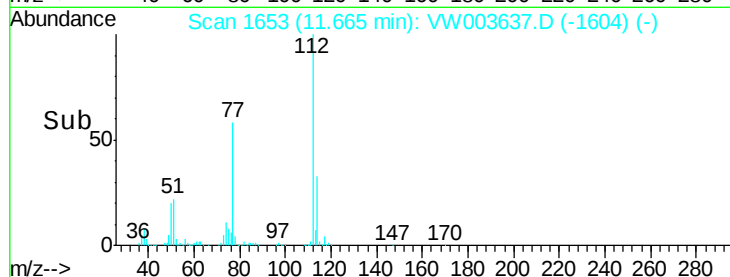
20000

0

11.66

11.60 11.70

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 56.87 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

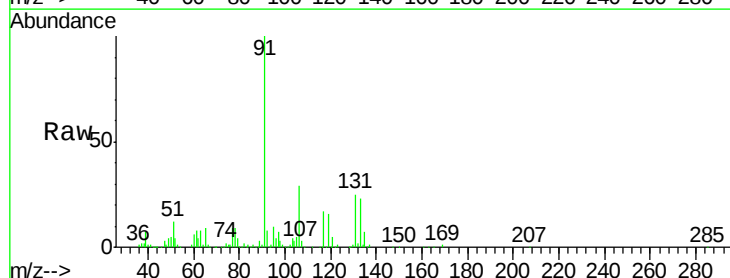
Tgt Ion:131 Resp: 70332

Ion Ratio Lower Upper

131 100

133 93.9 47.3 142.0

119 67.0 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

50000

40000

30000

20000

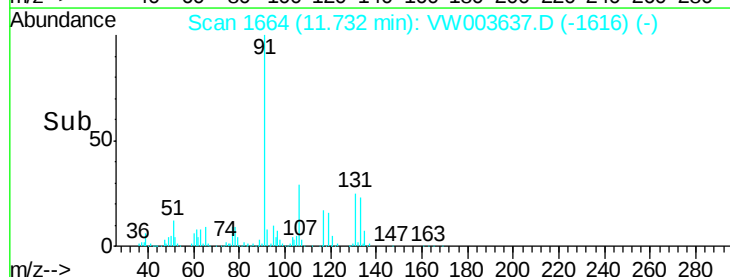
10000

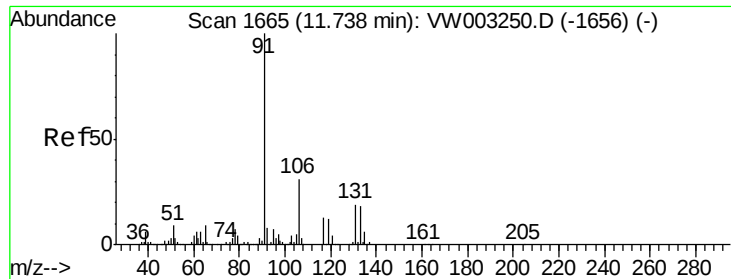
0

11.73

11.65 11.70 11.75 11.80

Time-->





#67

Ethyl Benzene

Concen: 46.80 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 91 Resp: 291898

Ion Ratio Lower Upper

91 100

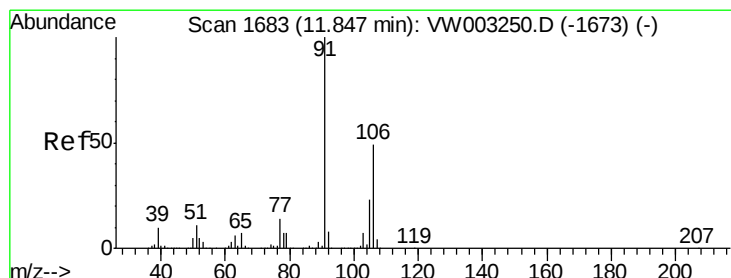
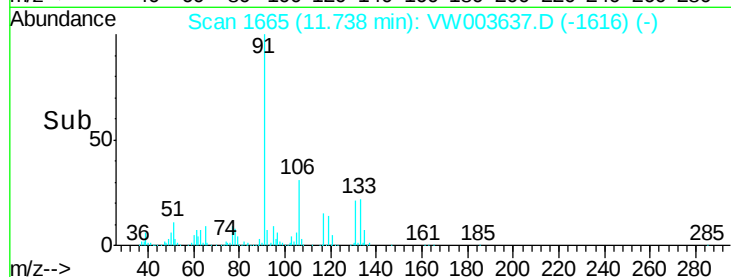
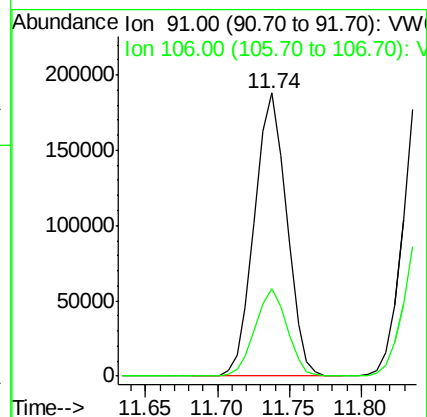
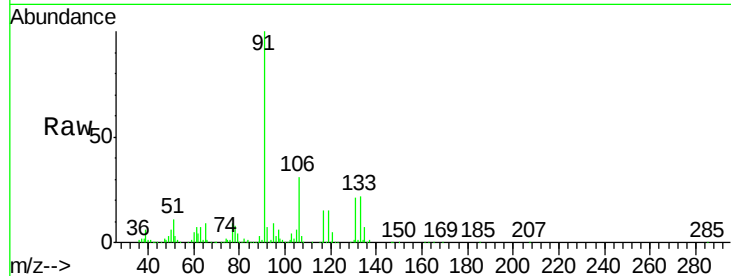
106 31.2 24.7 37.1

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#68

m/p-Xylenes

Concen: 91.96 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW003637.D

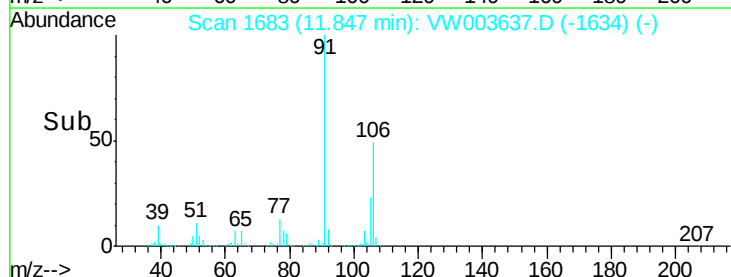
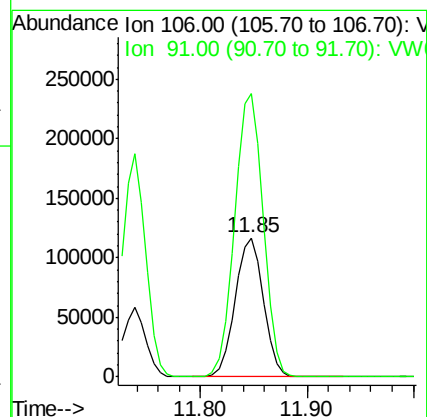
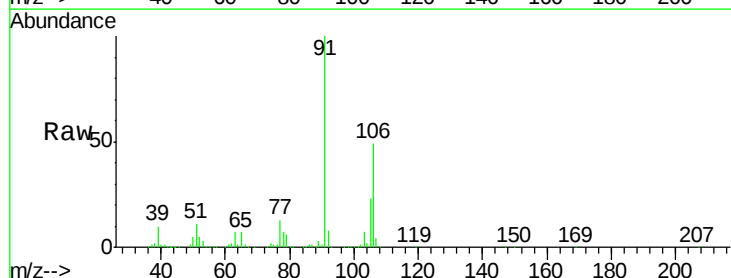
Acq: 28 Jun 2018 14:40

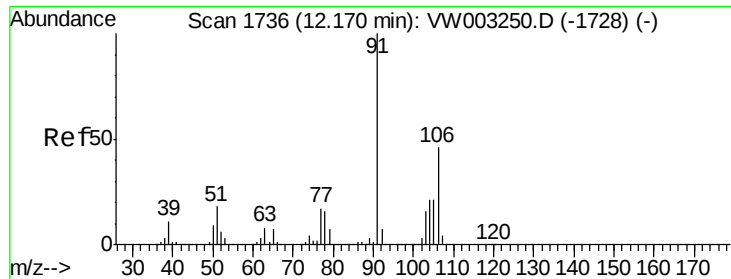
Tgt Ion: 106 Resp: 218049

Ion Ratio Lower Upper

106 100

91 205.4 165.4 248.0





#69

o-Xylene

Concen: 47.08 ug/l

RT: 12.17 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:106 Resp: 103469

Ion Ratio Lower Upper

106 100

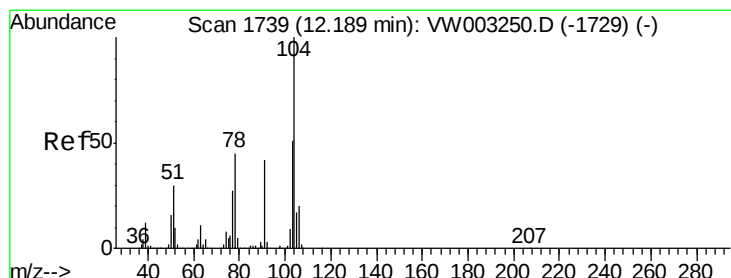
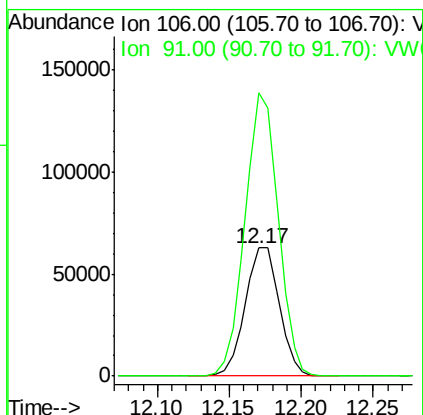
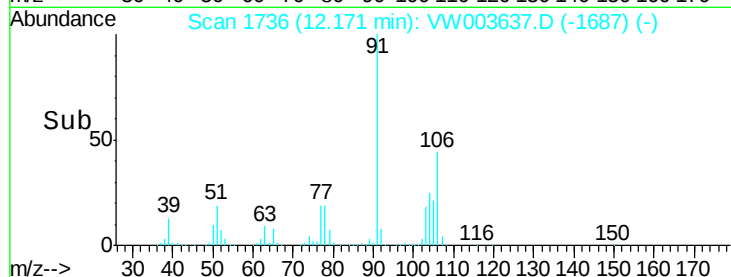
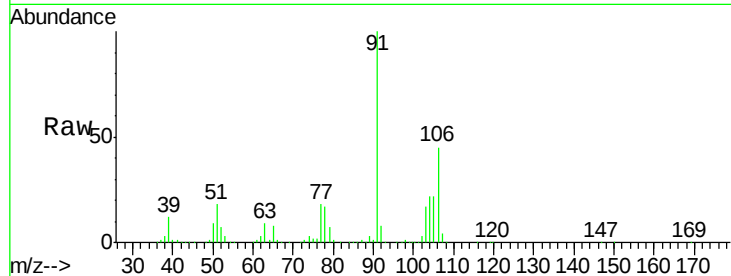
91 214.3 108.6 325.6

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#70

Styrene

Concen: 46.22 ug/l

RT: 12.19 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

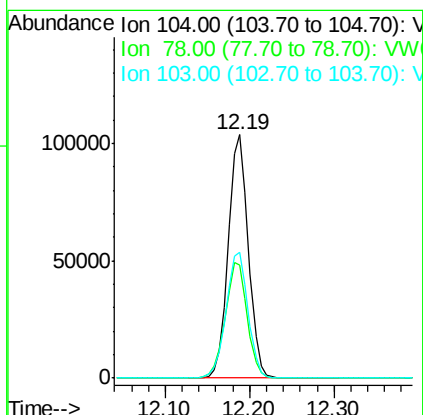
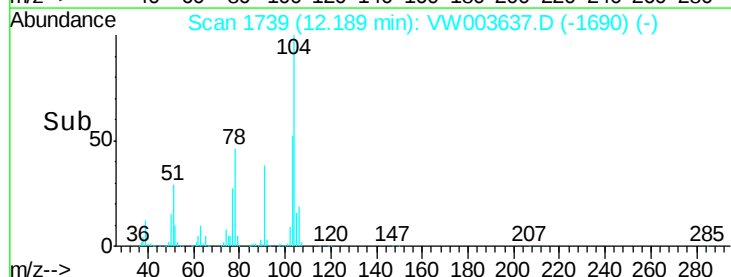
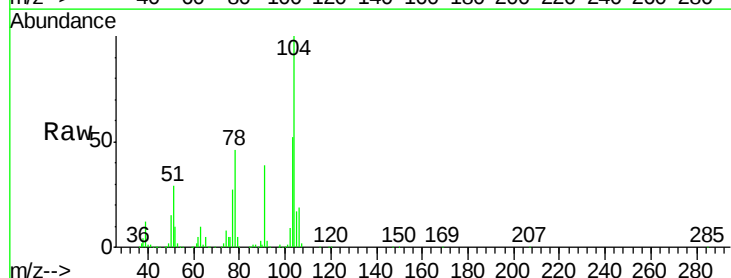
Tgt Ion:104 Resp: 169076

Ion Ratio Lower Upper

104 100

78 52.2 41.3 61.9

103 56.5 45.0 67.4





#71

Bromoform

Concen: 63.81 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:173 Resp: 40896

Ion Ratio Lower Upper

173 100

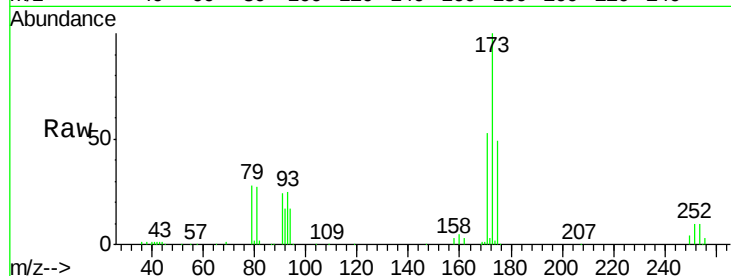
175 49.2 24.4 73.4

254 0.2 0.1 0.1#

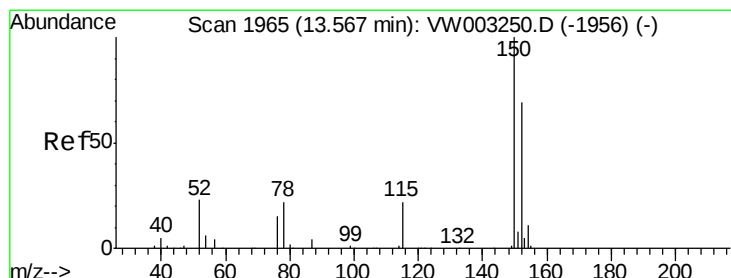
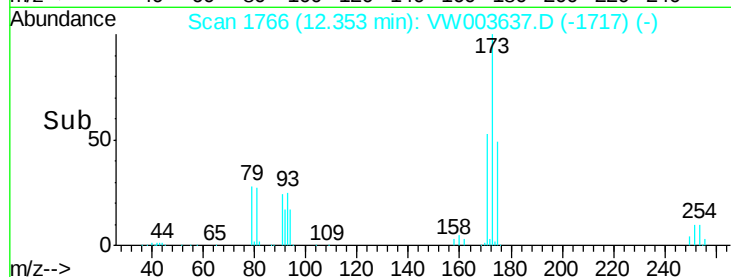
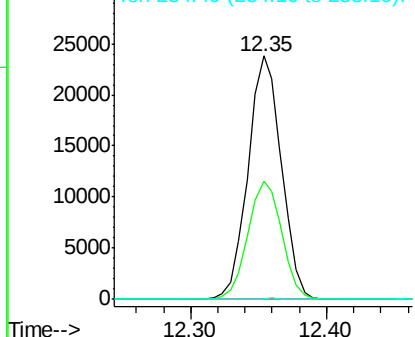
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

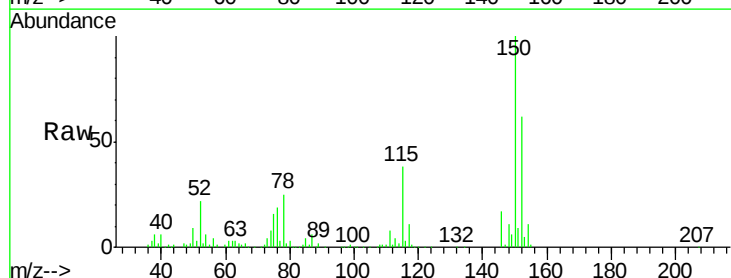
Tgt Ion:152 Resp: 54882

Ion Ratio Lower Upper

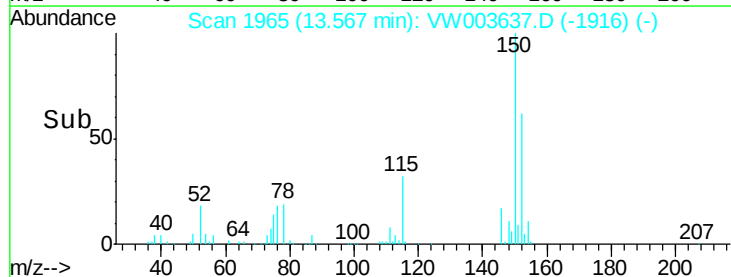
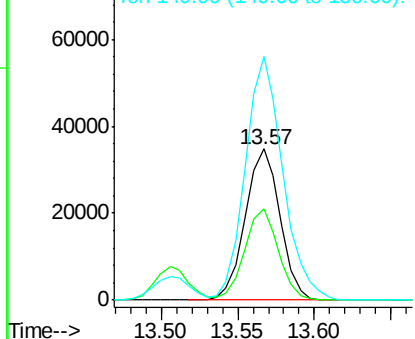
152 100

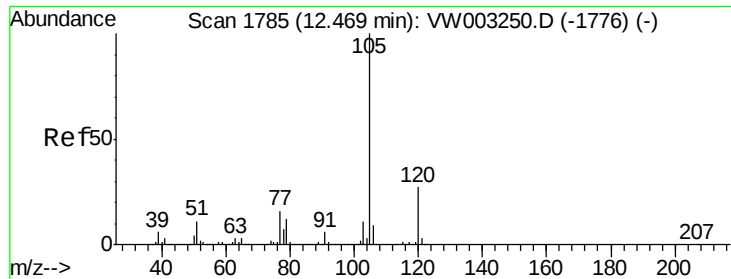
115 59.0 29.3 88.0

150 174.1 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





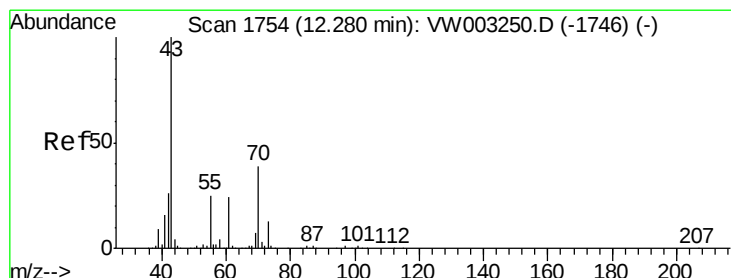
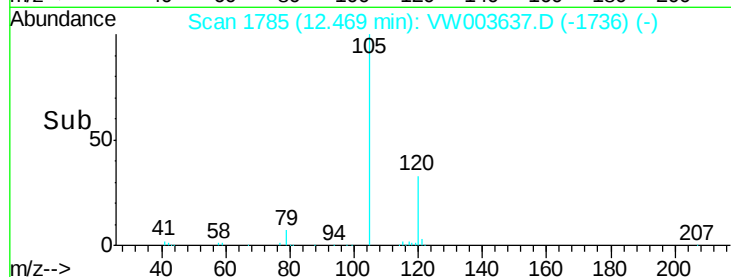
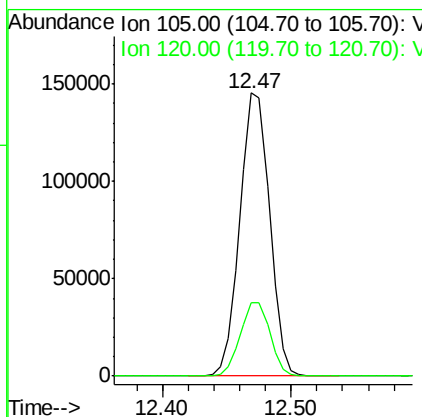
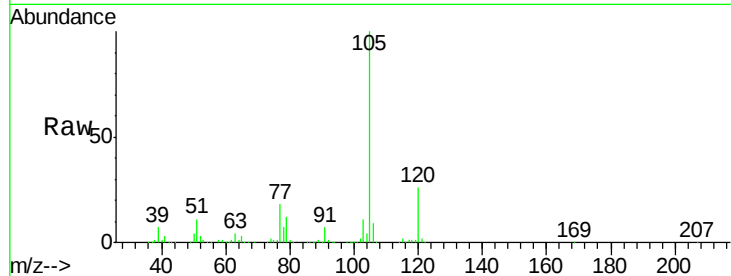
#73
Isopropylbenzene
Concen: 60.90 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.6

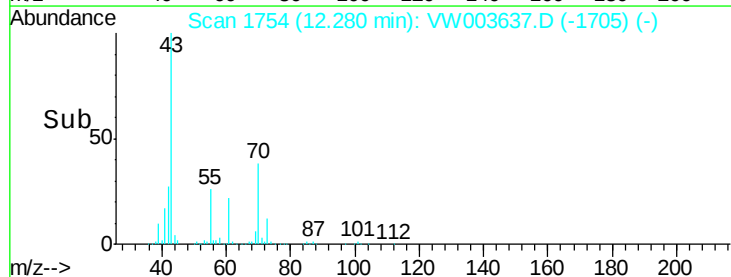
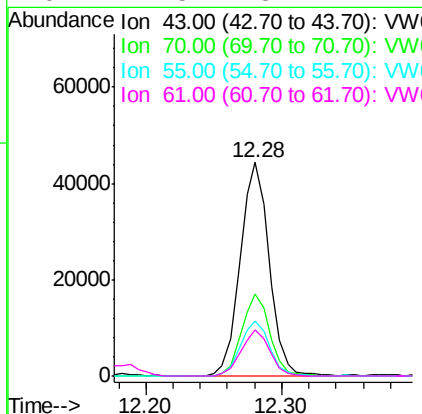
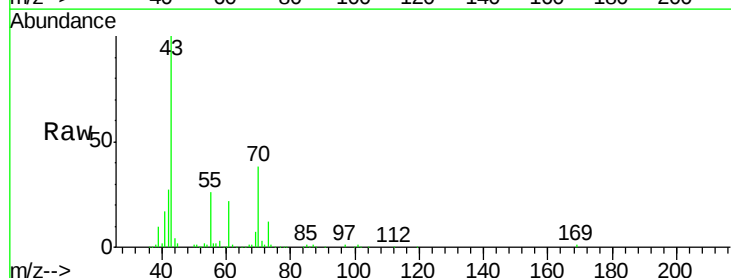
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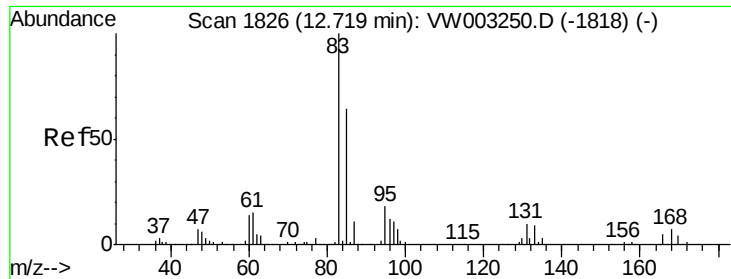
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#74
N-ethyl acetate
Concen: 75.67 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.4	31.0	46.6
55	25.8	19.7	29.5
61	21.5	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 114.13 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

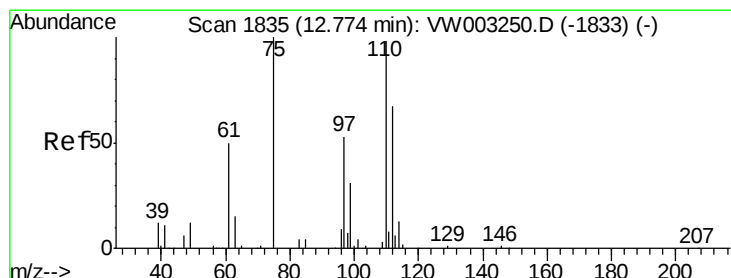
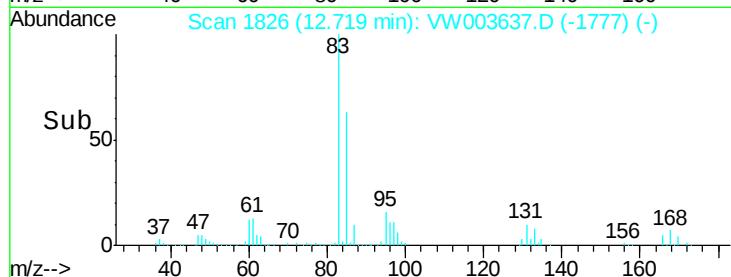
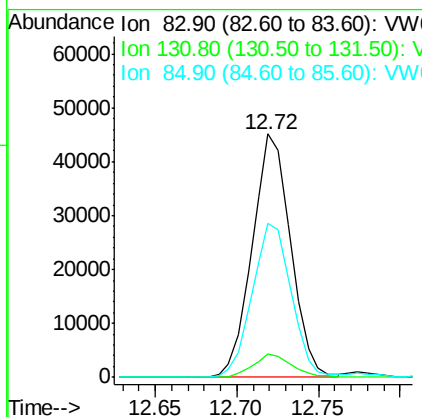
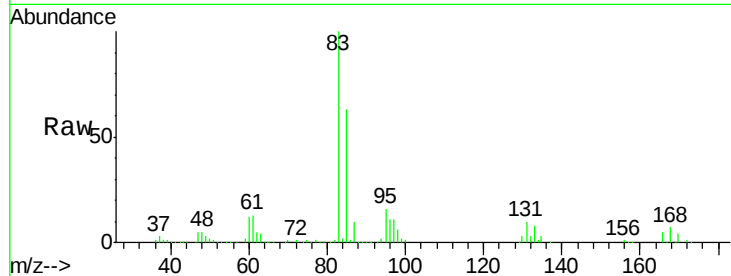
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	83	Resp:	73704
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.4	16.2
85	64.2	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 119.00 ug/l m

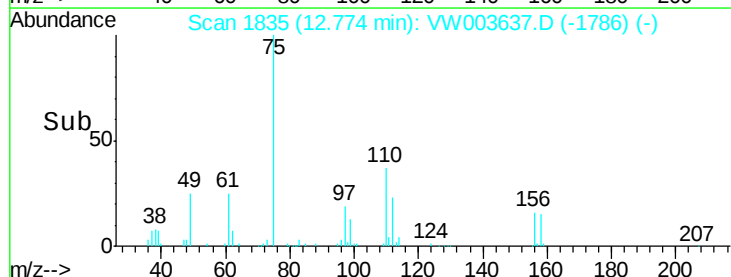
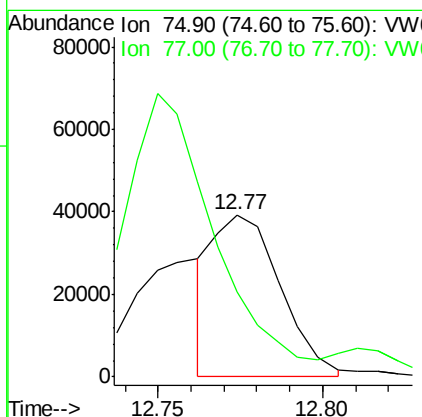
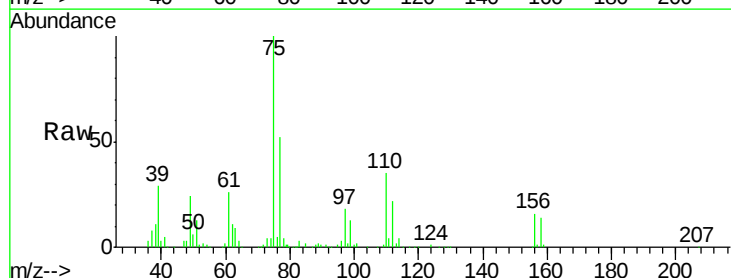
RT: 12.77 min Scan# 1835

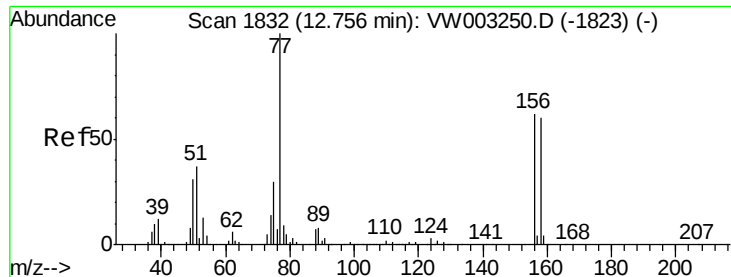
Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Tgt Ion:	75	Resp:	55834
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 69.98 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:156 Resp: 62209

Ion Ratio Lower Upper

156 100

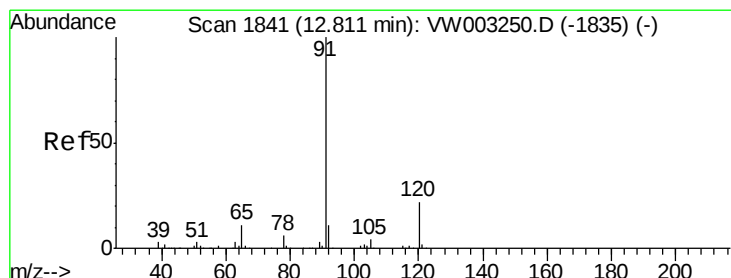
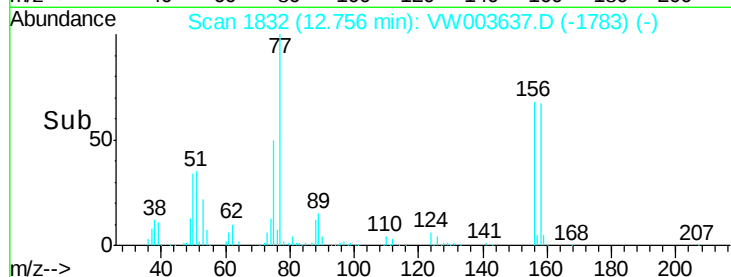
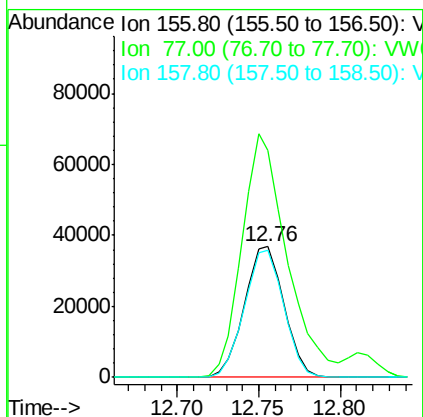
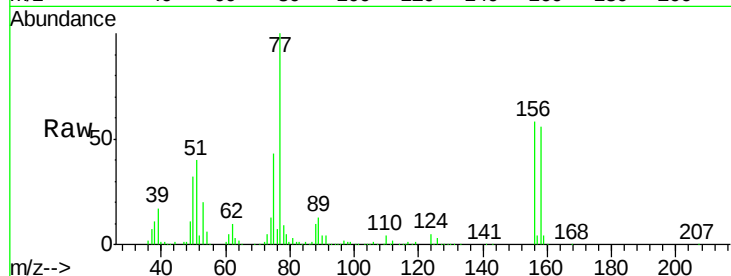
77 212.3 92.3 276.9

158 97.1 47.5 142.6

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#78

n-propylbenzene

Concen: 54.20 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003637.D

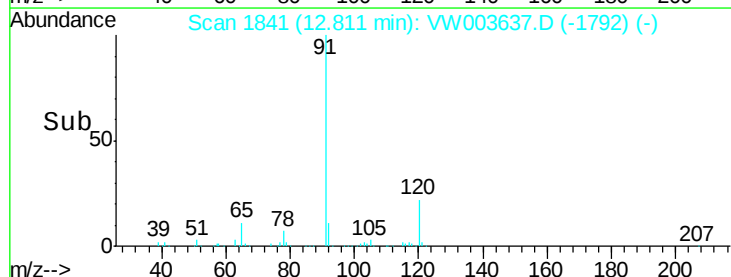
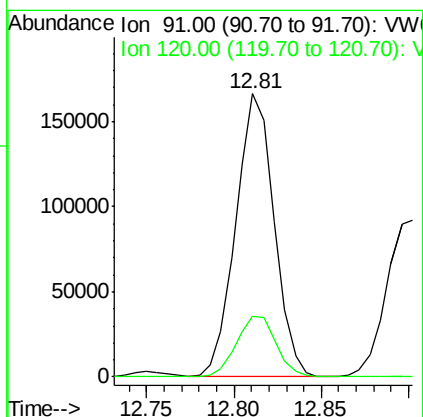
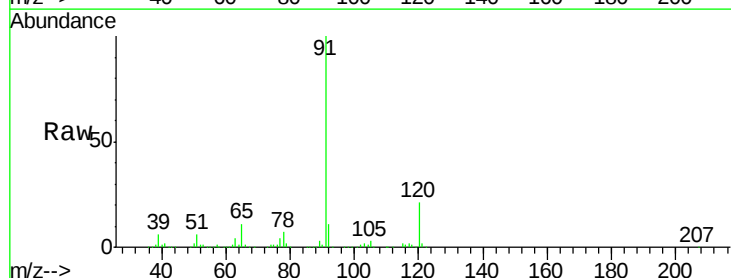
Acq: 28 Jun 2018 14:40

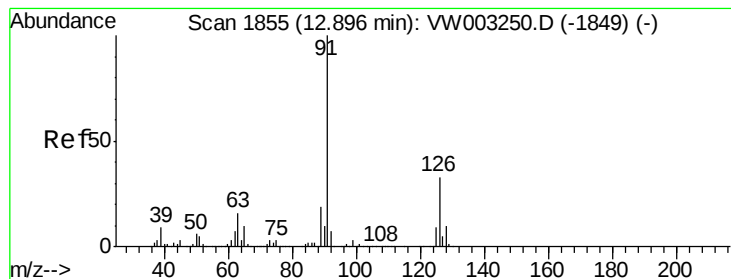
Tgt Ion: 91 Resp: 253344

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.8





#79

2-Chlorotoluene

Concen: 57.03 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 91 Resp: 150654

Ion Ratio Lower Upper

91 100

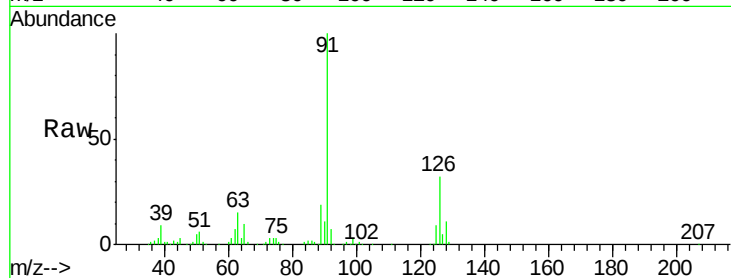
126 33.2 16.8 50.4

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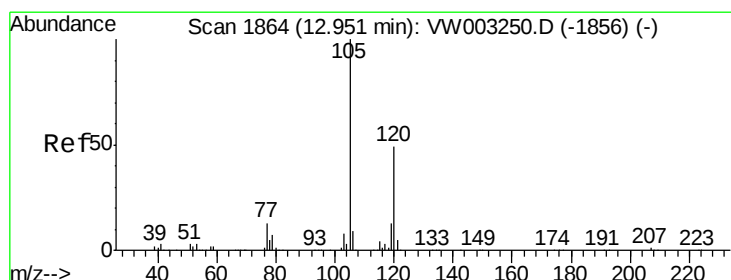
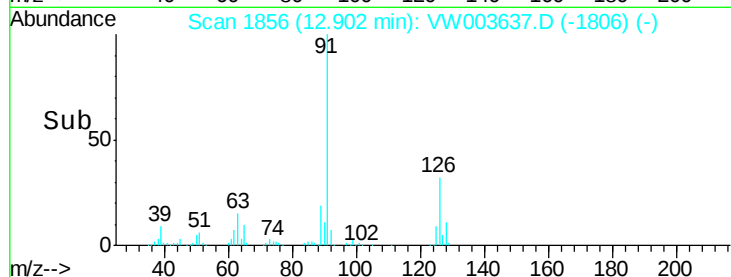
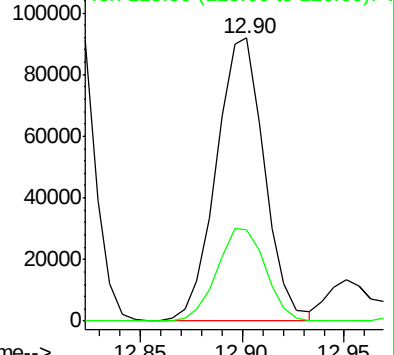
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.26 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003637.D

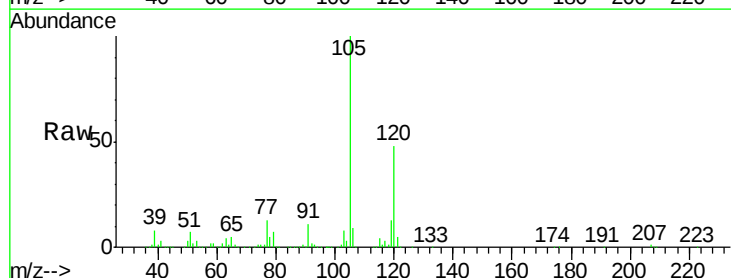
Acq: 28 Jun 2018 14:40

Tgt Ion:105 Resp: 173860

Ion Ratio Lower Upper

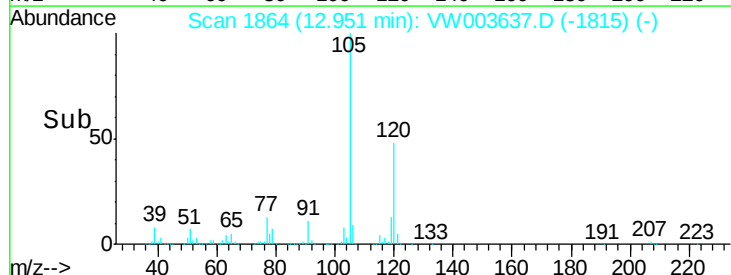
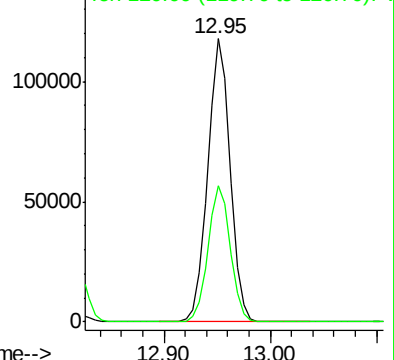
105 100

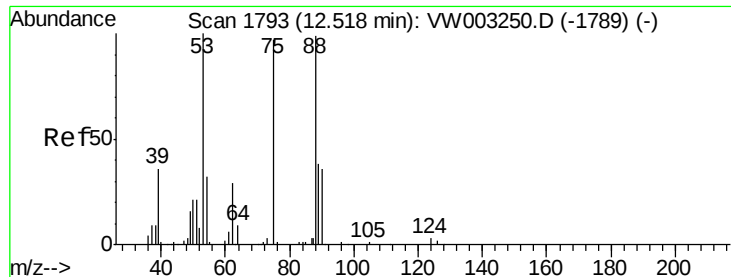
120 48.0 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 122.91 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

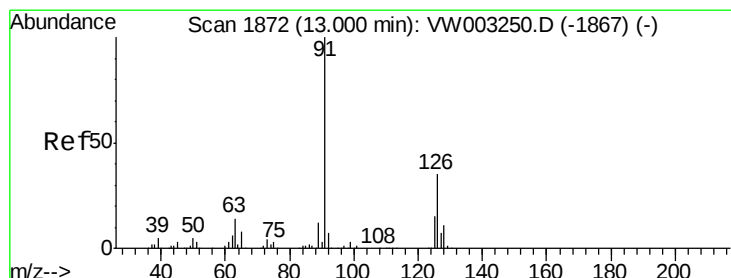
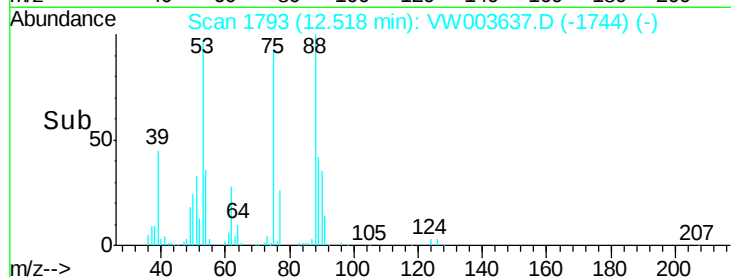
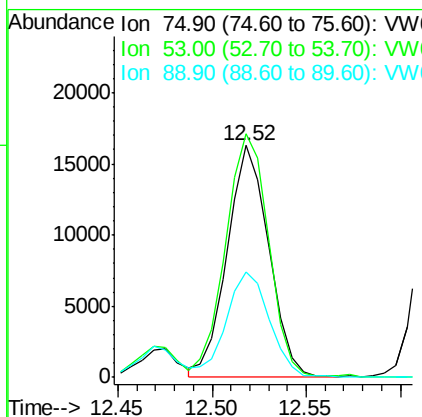
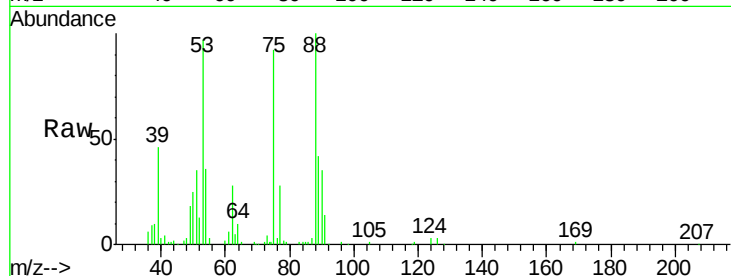
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	75	Resp:	25061
Ion	Ratio	Lower	Upper
75	100		
53	106.8	82.9	124.3
89	47.3	36.7	55.1

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#82

4-Chlorotoluene

Concen: 56.19 ug/l

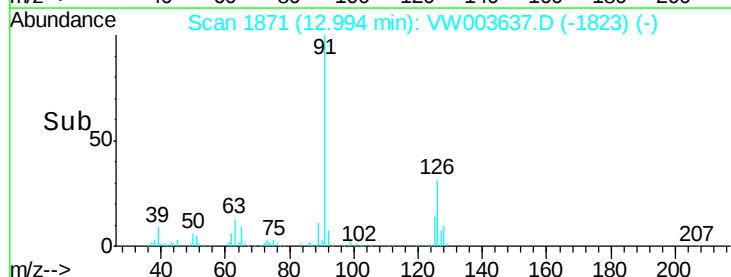
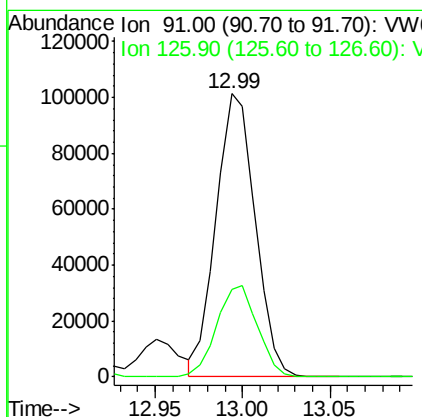
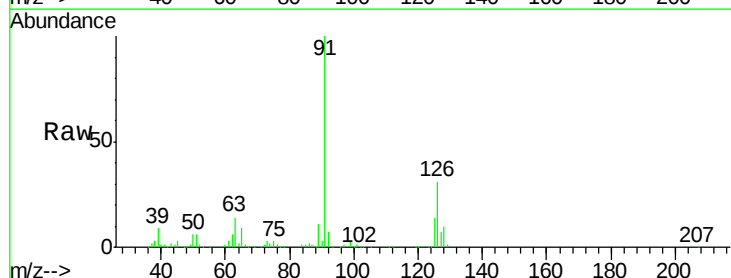
RT: 12.99 min Scan# 1871

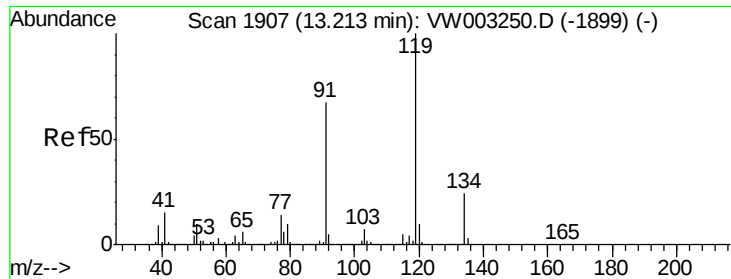
Delta R.T. -0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Tgt Ion:	91	Resp:	157464
Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.3





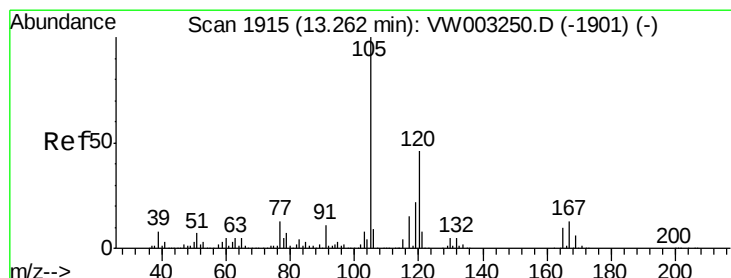
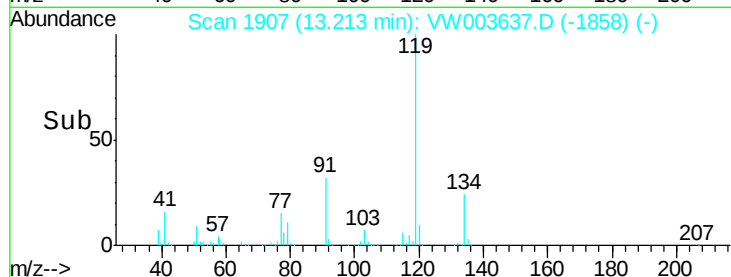
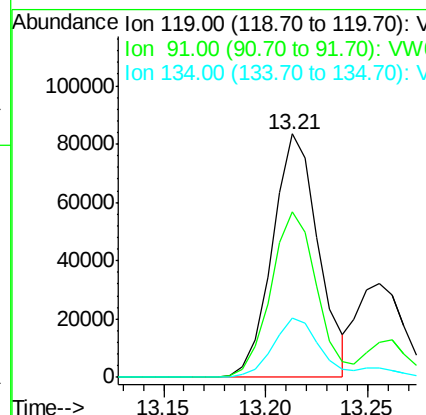
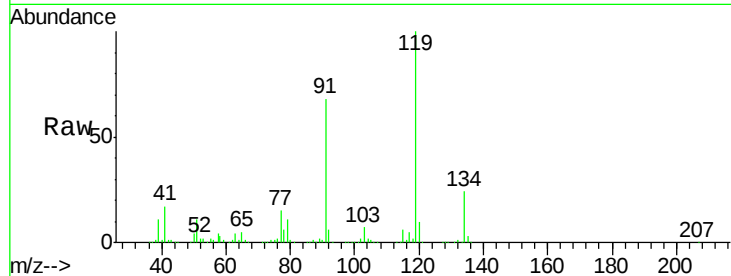
#83
tert-Butylbenzene
Concen: 48.19 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	131593		
91	68.3	33.9	101.7	
134	24.6	13.4	40.1	

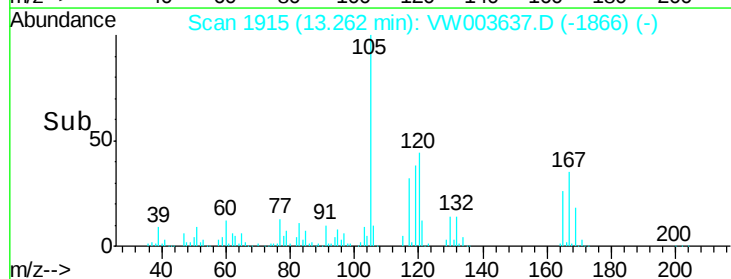
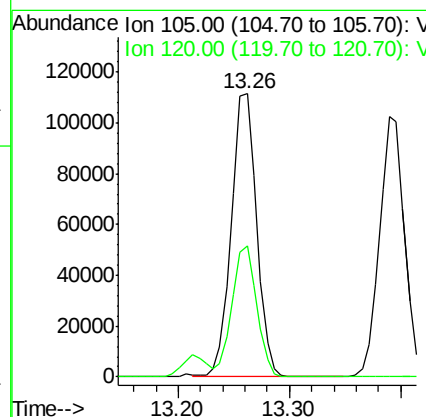
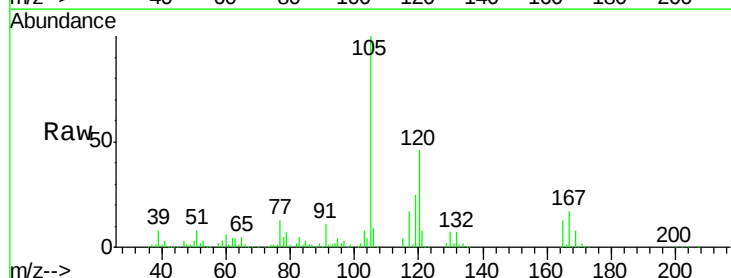
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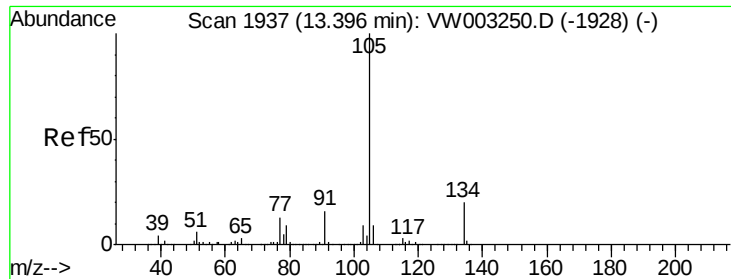
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#84
1,2,4-Trimethylbenzene
Concen: 53.36 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	175875		
120	45.3	22.5	67.5	





#85

sec-Butylbenzene

Concen: 39.46 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:105 Resp: 160165

Ion Ratio Lower Upper

105 100

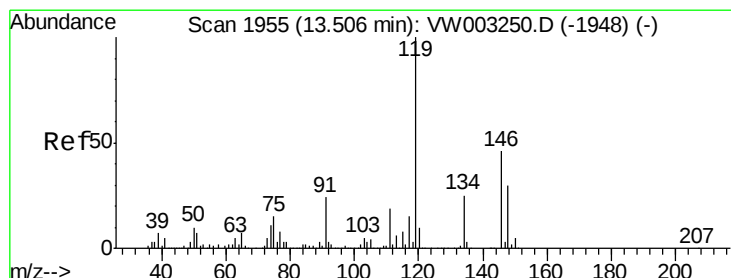
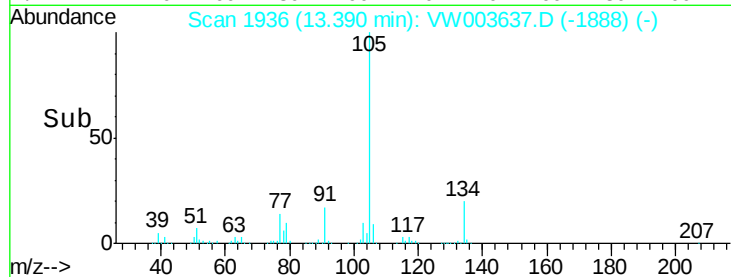
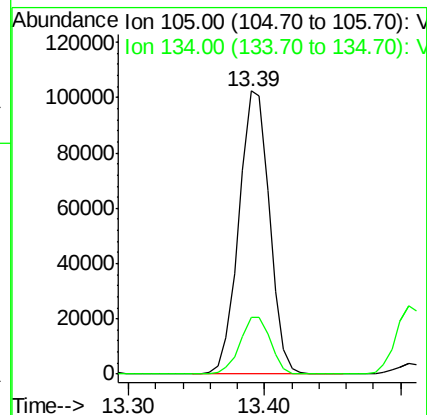
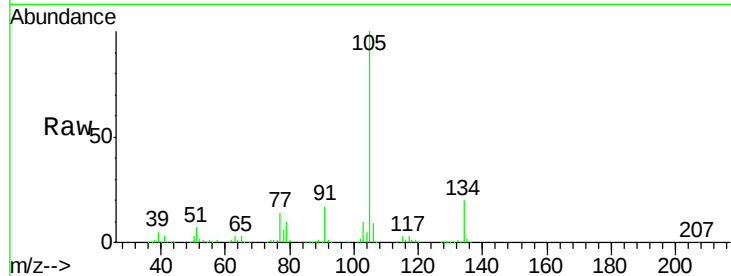
134 20.2 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 39.88 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

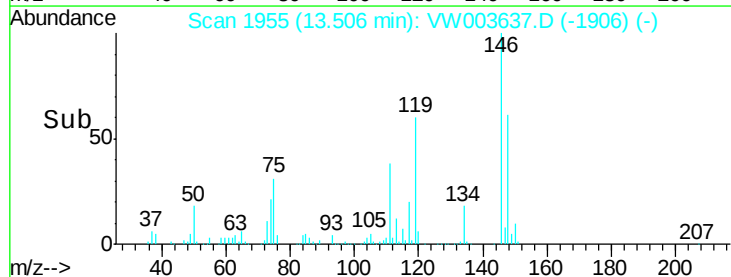
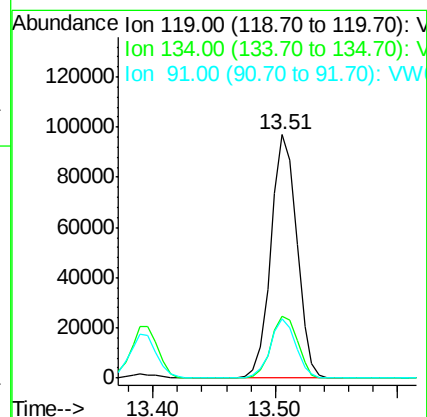
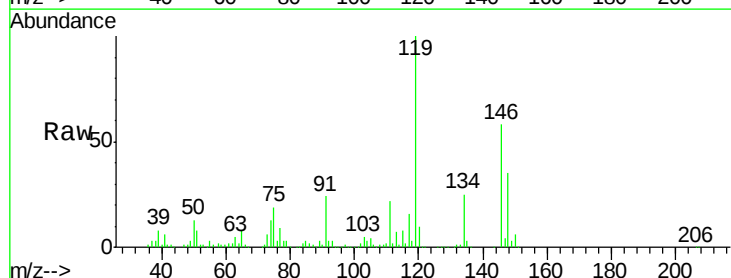
Tgt Ion:119 Resp: 142777

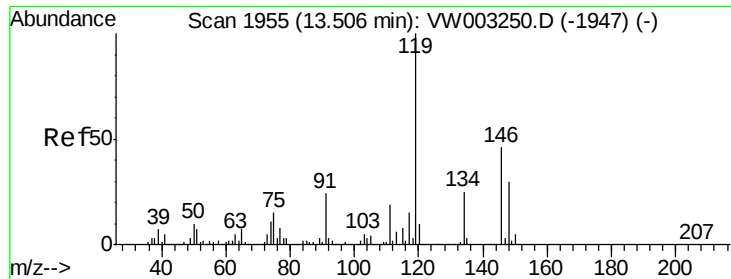
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

91 24.5 11.8 35.3





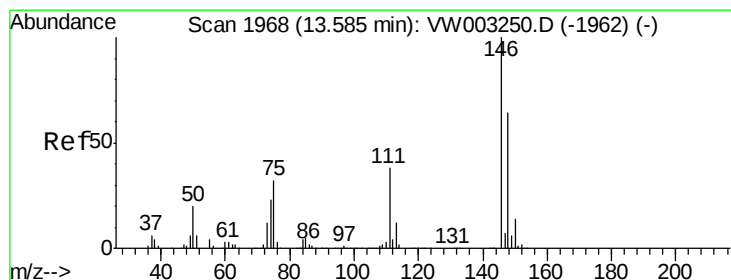
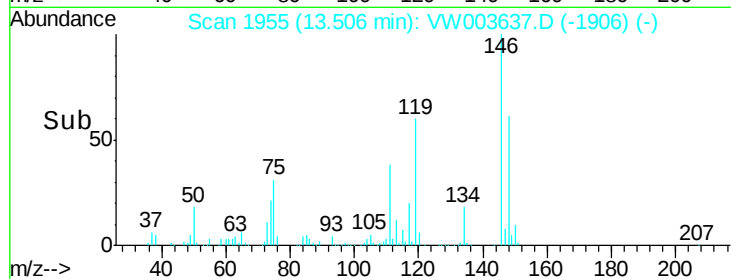
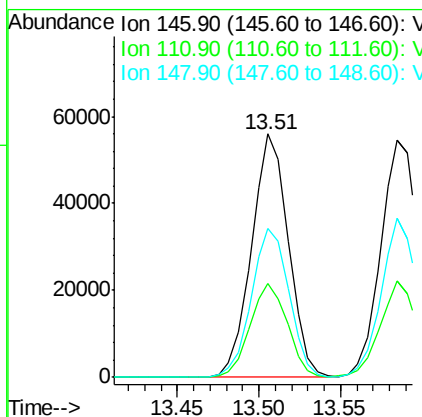
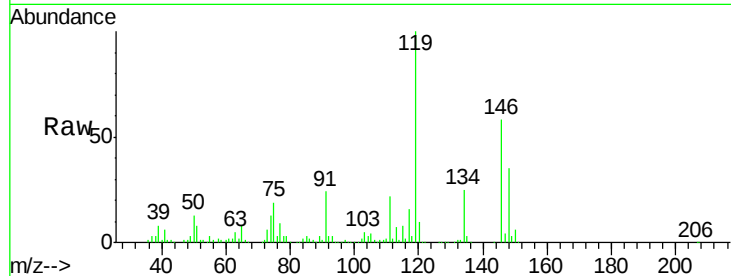
#87
 1,3-Dichlorobenzene
 Concen: 48.26 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003637.D
 Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Resp	Lower	Upper
146	100	88136		
111	39.1	19.8	59.4	
148	62.5	32.1	96.5	

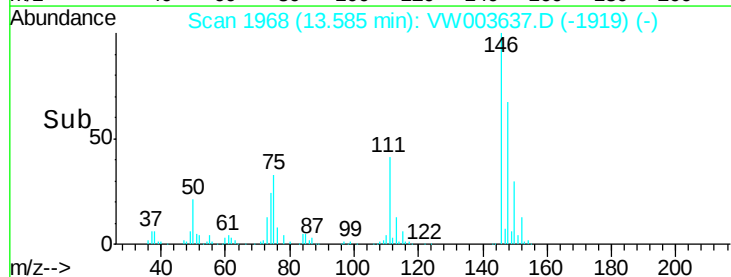
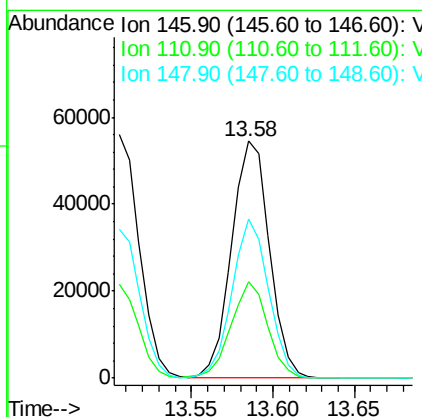
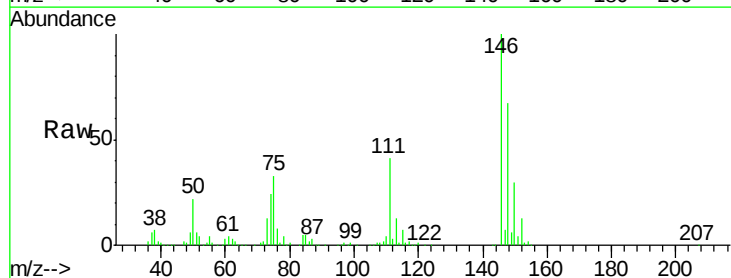
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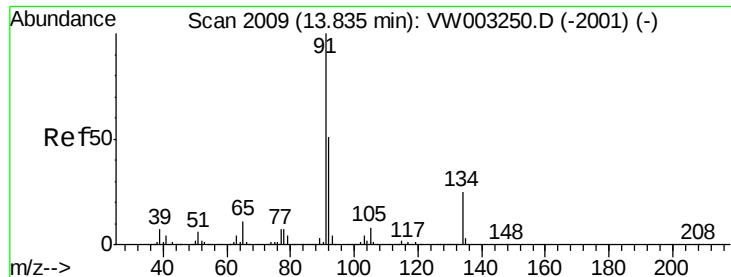
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#88
 1,4-Dichlorobenzene
 Concen: 48.59 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003637.D
 Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	88213		
111	39.3	19.2	57.6	
148	64.7	31.8	95.4	





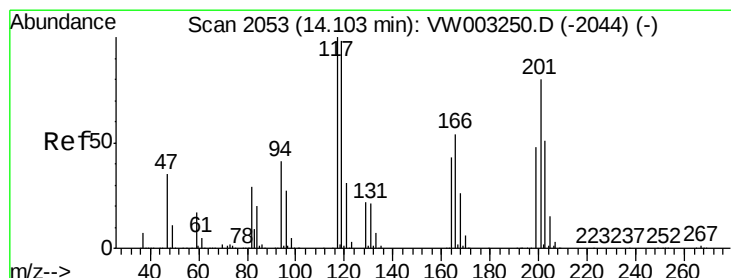
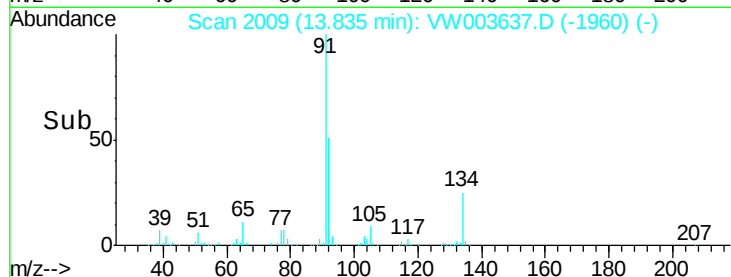
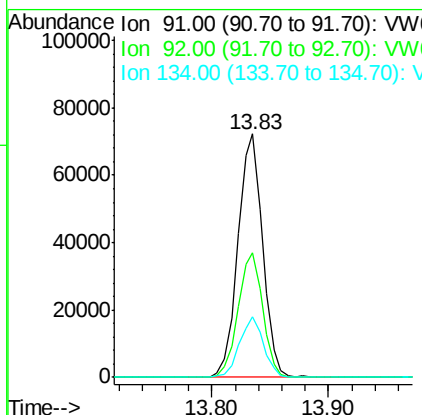
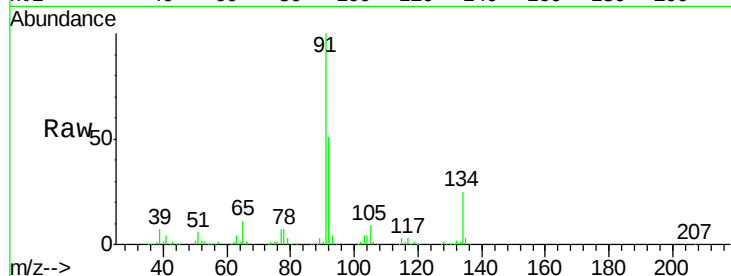
#89
n-Butylbenzene
Concen: 30.68 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.0	78.0
134	24.0	12.7	38.0

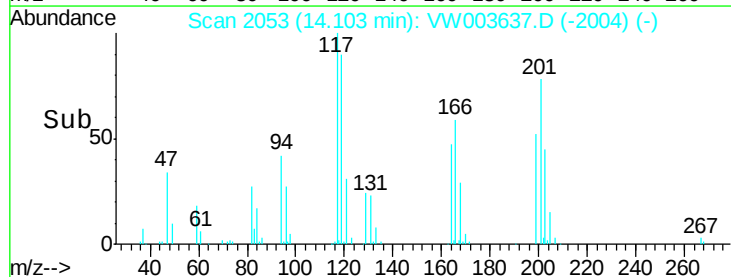
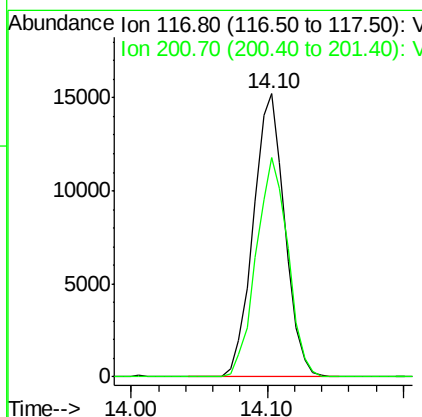
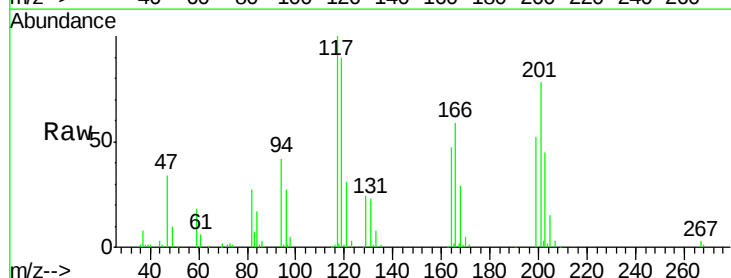
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#90
Hexachloroethane
Concen: 38.22 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 49.50 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

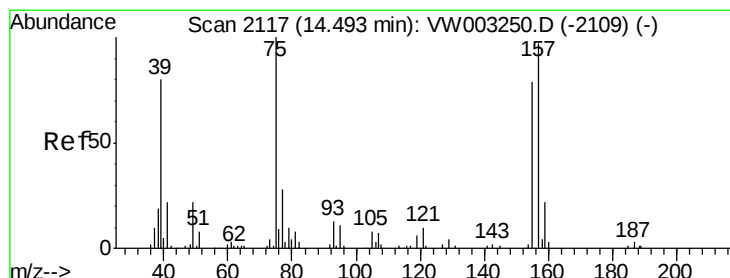
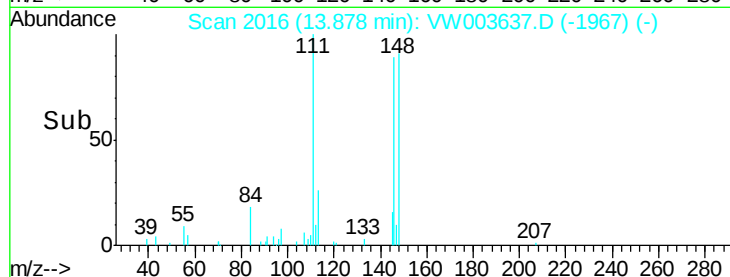
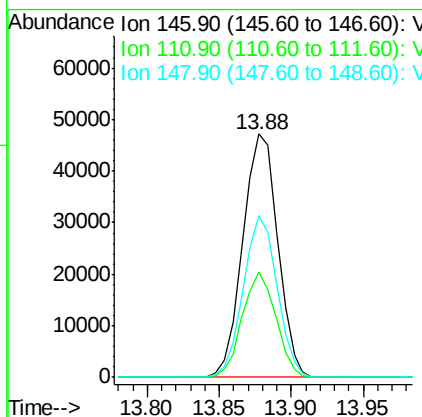
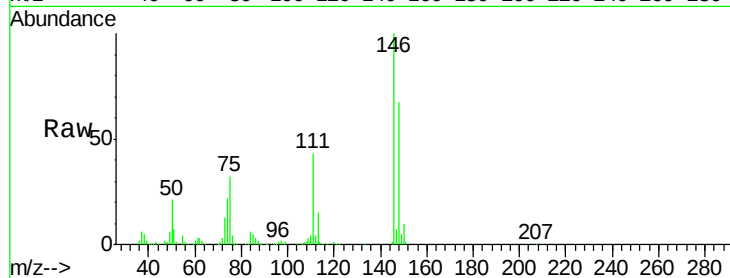
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	146	Resp:	79195
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.3	61.0
148	64.2	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 101.94 ug/l

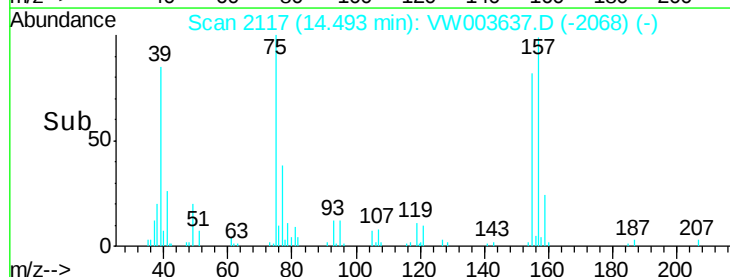
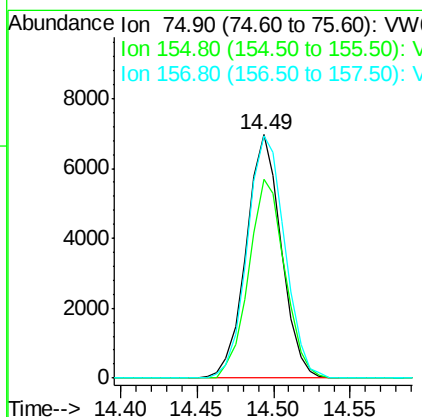
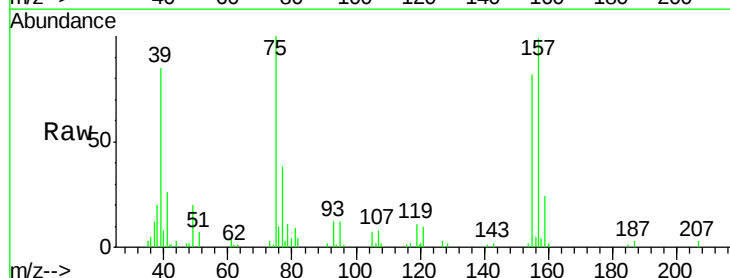
RT: 14.49 min Scan# 2117

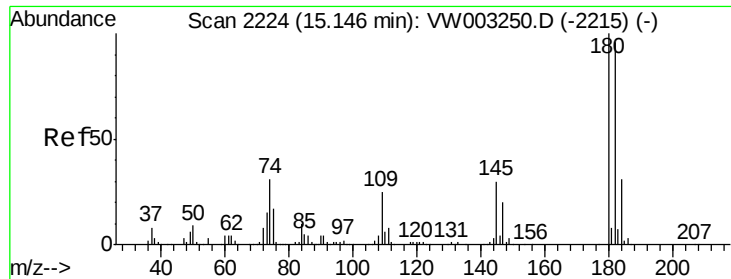
Delta R.T. 0.00 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Tgt Ion:	75	Resp:	11079
Ion Ratio	Lower	Upper	
75	100		
155	84.0	39.4	118.2
157	106.5	51.5	154.5





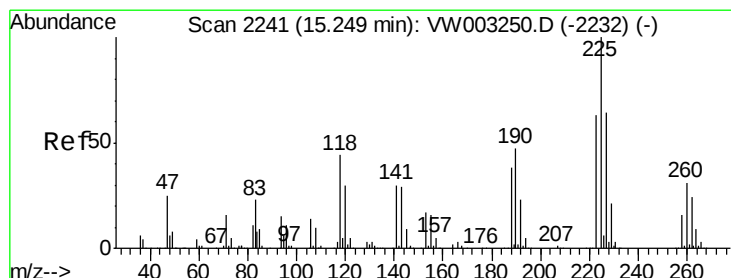
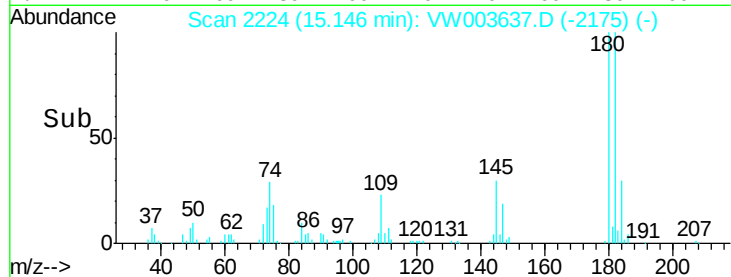
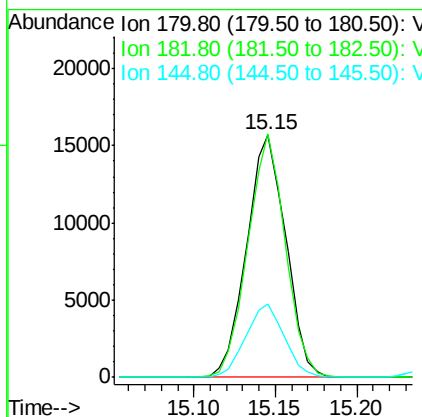
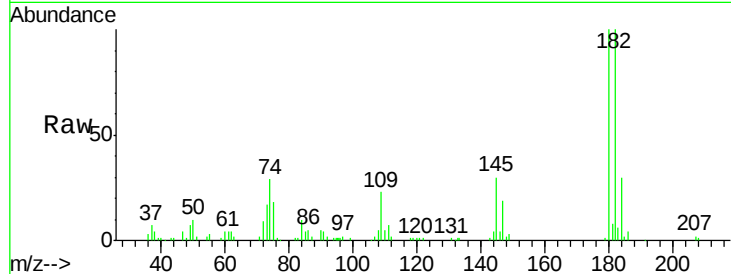
#93
1,2,4-Trichlorobenzene
Concen: 23.37 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100	26240		
182	96.1	47.9	143.6	
145	29.9	15.2	45.5	

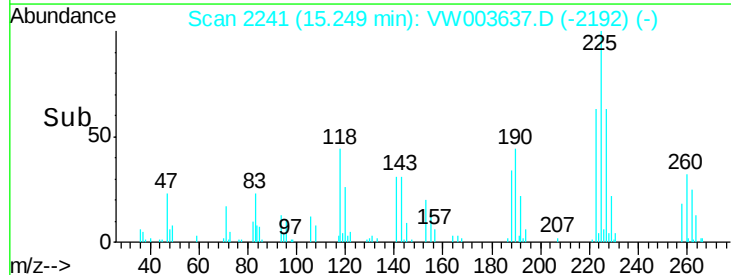
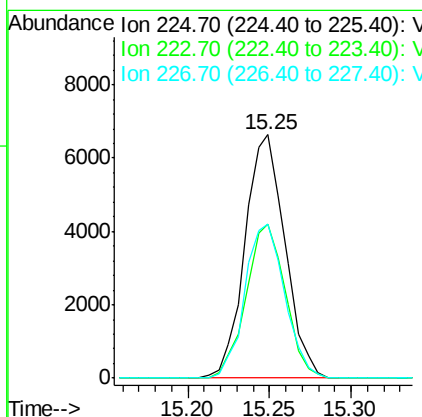
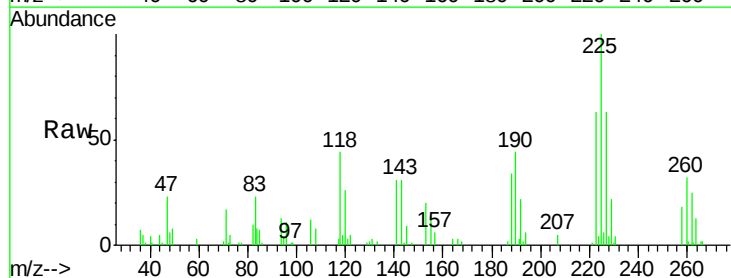
Manual Integrations
APPROVED

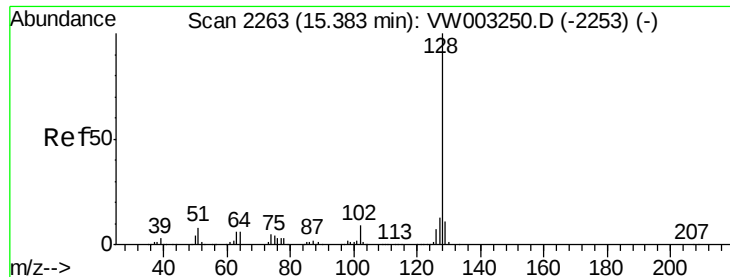
apatel
6/29/2018 1:59:07 PM



#94
Hexachlorobutadiene
Concen: 16.77 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW003637.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	11326		
223	61.9	30.6	92.0	
227	63.0	31.7	95.1	





#95

Naphthalene

Concen: 39.67 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_W

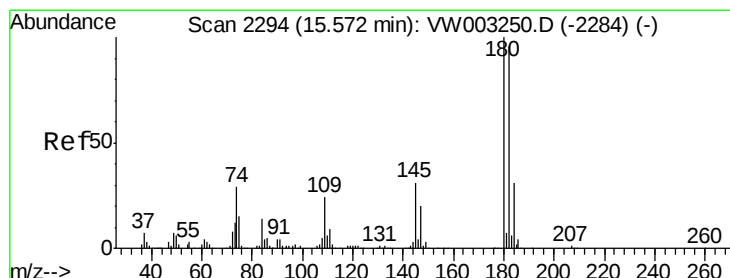
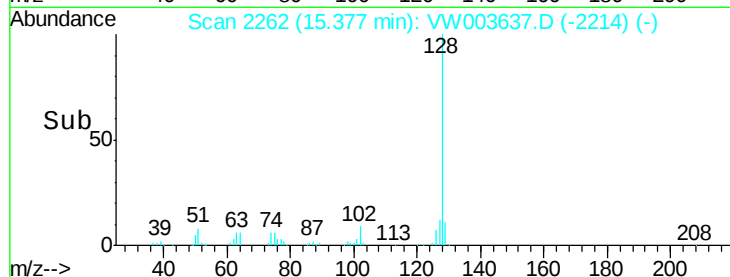
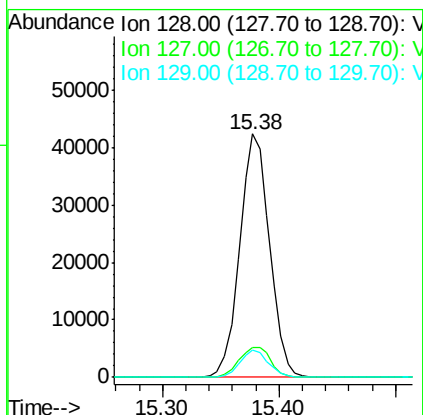
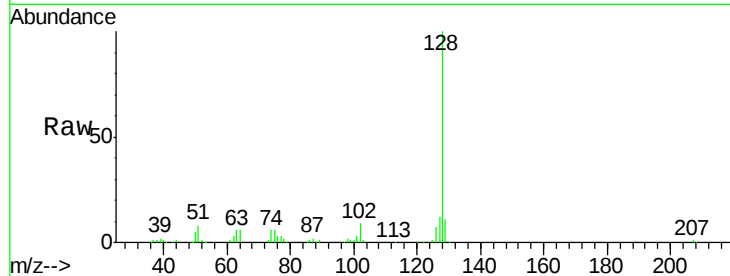
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	128	Resp:	75571
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.6	8.9	13.3

Manual Integrations
APPROVED

apatel
6/29/2018 1:59:07 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.45 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003637.D

Acq: 28 Jun 2018 14:40

Tgt Ion:	180	Resp:	22197
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.6
145	31.6	15.8	47.4

