

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003632.D
 Acq On : 28 Jun 2018 12:31
 Operator : SY/AP
 Sample : VW0628SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Manual Integrations
 APPROVED

apatel
 6/29/2018 10:21:58 AM

Quant Time: Jun 29 07:01:22 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	220847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	336862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	167638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121983	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.88	113	109705	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.33	98	442424	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.62	95	158599	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16414	24.58	ug/l	91
3) Chloromethane	2.21	50	34879	20.68	ug/l	95
4) Vinyl Chloride	2.36	62	51288	20.86	ug/l	99
5) Bromomethane	2.79	94	31906	19.52	ug/l	93
6) Chloroethane	2.92	64	35125	20.52	ug/l	98
7) Trichlorofluoromethane	3.25	101	32478	22.04	ug/l	98
8) Diethyl Ether	3.68	74	23038	21.29	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45460	22.22	ug/l	98
10) Methyl Iodide	4.26	142	66416	21.47	ug/l	99
11) Tert butyl alcohol	5.26	59	13037	101.62	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	43805	21.91	ug/l	94
13) Acrolein	3.90	56	11652	63.53	ug/l	97
14) Allyl chloride	4.66	41	74839	21.61	ug/l	99
15) Acrylonitrile	5.38	53	47574	106.84	ug/l	97
16) Acetone	4.15	43	56015	111.65	ug/l	94
17) Carbon Disulfide	4.37	76	126704	21.44	ug/l	96
18) Methyl Acetate	4.68	43	24560	20.64	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	77674	20.74	ug/l	98
20) Methylene Chloride	4.91	84	50343	21.53	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	47843	21.99	ug/l	94
22) Diisopropyl ether	6.31	45	153396	22.01	ug/l	95
23) Vinyl Acetate	6.26	43	422894	105.29	ug/l	100
24) 1,1-Dichloroethane	6.21	63	92775	22.42	ug/l	98
25) 2-Butanone	7.18	43	67392	108.03	ug/l	97
26) 2,2-Dichloropropane	7.17	77	61350	22.22	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51697	21.63	ug/l	98
28) Bromochloromethane	7.51	49	33321	19.35	ug/l	98
29) Tetrahydrofuran	7.54	42	38451	100.85	ug/l	99
30) Chloroform	7.68	83	95004	22.54	ug/l	99
31) Cyclohexane	7.96	56	83484	21.60	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	78198	22.47	ug/l	98
36) 1,1-Dichloropropene	8.09	75	75231	23.13	ug/l	99
37) Ethyl Acetate	7.26	43	28996	21.51	ug/l	99
38) Carbon Tetrachloride	8.07	117	72709	22.79	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83666	22.23	ug/l	96
40) Benzene	8.32	78	207047	23.09	ug/l	97
41) Methacrylonitrile	7.49	41	19069	23.06	ug/l	92
42) 1,2-Dichloroethane	8.40	62	63326	22.54	ug/l	99
43) Isopropyl Acetate	8.43	43	55404	20.70	ug/l	98
44) Trichloroethene	9.09	130	53564	22.54	ug/l	96
45) 1,2-Dichloropropane	9.37	63	51880	22.72	ug/l	100
46) Dibromomethane	9.46	93	25623	21.92	ug/l	98
47) Bromodichloromethane	9.65	83	66770	22.28	ug/l	98
48) Methyl methacrylate	9.44	41	27101	21.55	ug/l	97
49) 1,4-Dioxane	9.49	88	7412	419.95	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	143080	104.93	ug/l	99
52) Toluene	10.39	92	130991	22.78	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	66659	21.78	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	76935	22.08	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36751	22.31	ug/l	96
56) Ethyl methacrylate	10.65	69	40281	20.14	ug/l	97
57) 1,3-Dichloropropane	10.94	76	62929	22.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	95089	106.05	ug/l	98
59) 2-Hexanone	10.98	43	105273	110.51	ug/l	98
60) Dibromochloromethane	11.13	129	42963	21.93	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34134	21.91	ug/l	98
64) Tetrachloroethene	10.87	164	45904	22.07	ug/l	98
65) Chlorobenzene	11.66	112	143163	22.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	48975	21.52	ug/l	98
67) Ethyl Benzene	11.74	91	254056	22.13	ug/l	99
68) m/p-Xylenes	11.85	106	196362	45.00	ug/l	100
69) o-Xylene	12.17	106	88480	21.88	ug/l	98
70) Styrene	12.19	104	150851	22.41	ug/l	99
71) Bromoform	12.35	173	24440	20.72	ug/l #	99
73) Isopropylbenzene	12.47	105	252803	21.68	ug/l	99
74) N-amyl acetate	12.28	43	53715	20.24	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42487	21.54	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29682m	20.71	ug/l	
77) Bromobenzene	12.76	156	58943	21.71	ug/l	98
78) n-propylbenzene	12.81	91	321537	22.52	ug/l	99
79) 2-Chlorotoluene	12.90	91	177624	22.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	218712	22.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12326	19.79	ug/l	93
82) 4-Chlorotoluene	12.99	91	190429	22.25	ug/l	100
83) tert-Butylbenzene	13.21	119	181936	21.81	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225364	22.39	ug/l	100
85) sec-Butylbenzene	13.39	105	276944	22.34	ug/l	100
86) p-Isopropyltoluene	13.51	119	243129	22.23	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	123873	22.21	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	122368	22.07	ug/l	98
89) n-Butylbenzene	13.84	91	239140	22.44	ug/l	99
90) Hexachloroethane	14.10	117	43481	21.98	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	108659	22.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7076	21.32	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	76074	22.18	ug/l	98
94) Hexachlorobutadiene	15.25	225	45890	22.24	ug/l	98
95) Naphthalene	15.38	128	118709	20.40	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	64581	21.39	ug/l	100

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

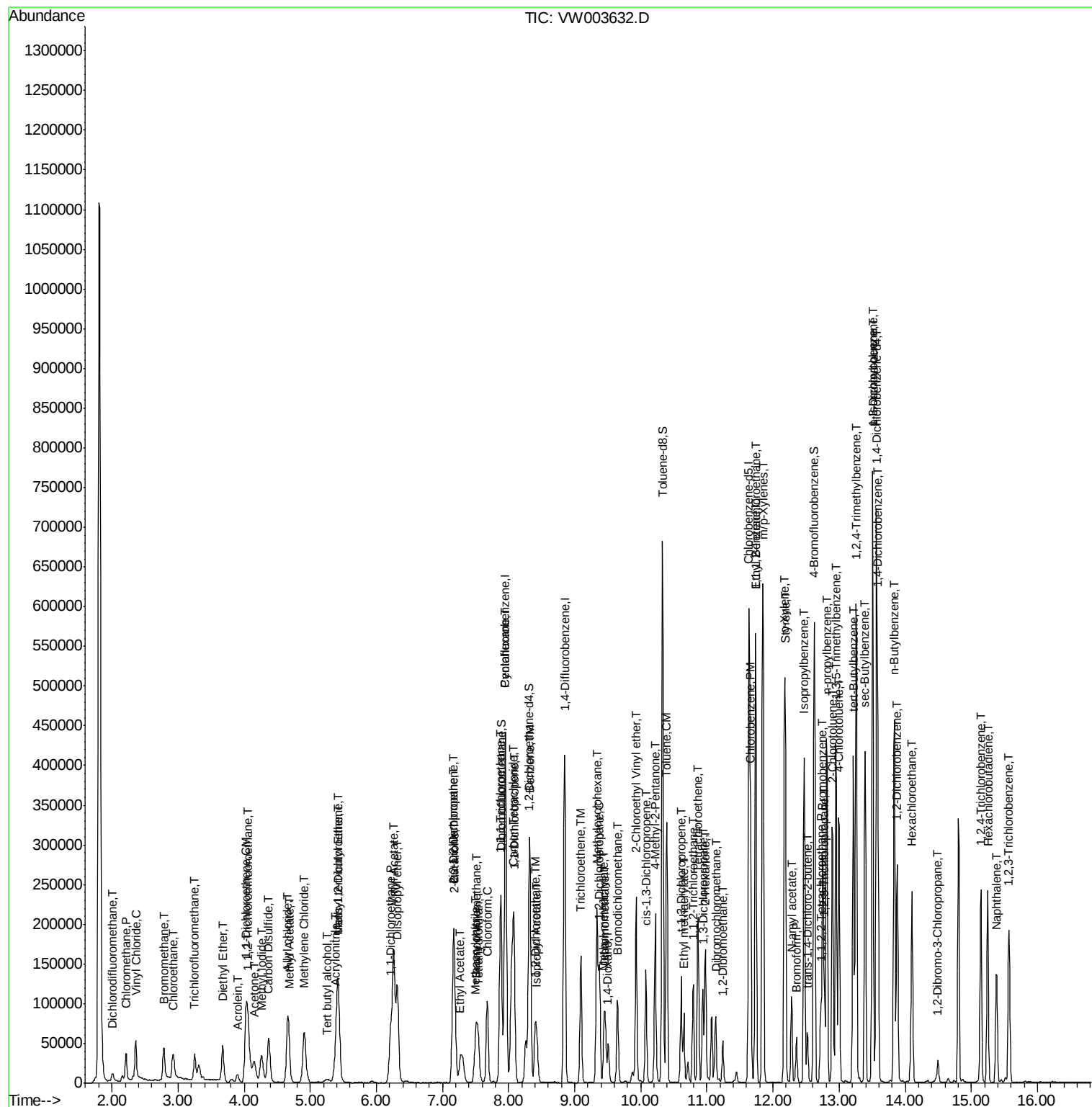
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Data File : VW003632.D
Acq On : 28 Jun 2018 12:31
Operator : SY/AP
Sample : VW0628SBS01
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ALS Vial : 4 Sample Multiplier: 1

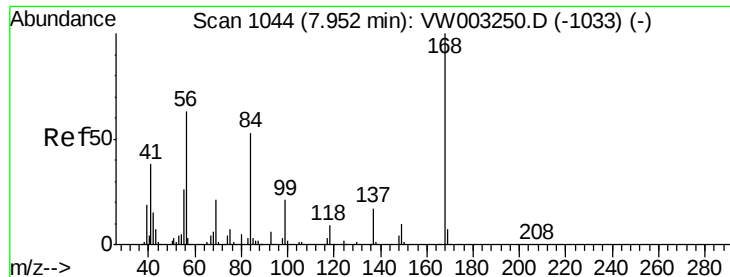
Instrument :
MSVOA_W
Client Sample Id :
VW0628SBS01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion:168 Resp: 220847

Ion Ratio Lower Upper

168 100

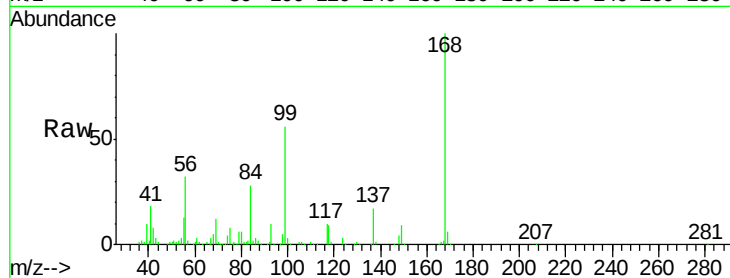
99 56.5 45.5 68.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

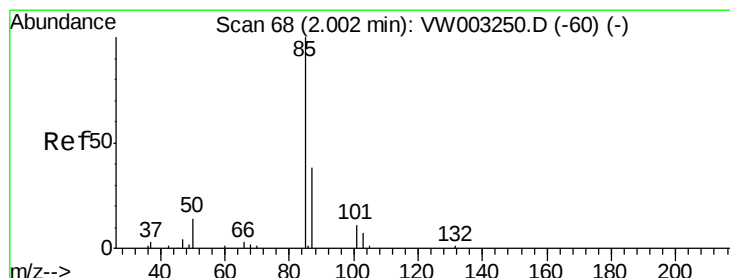
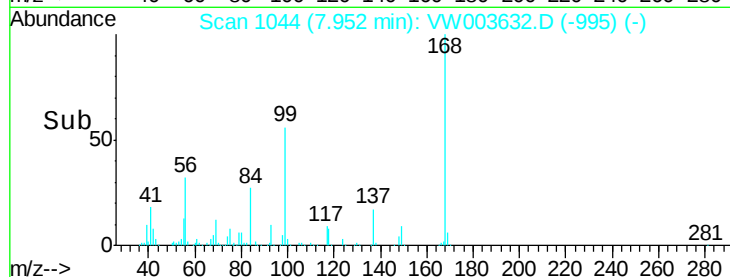
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 24.58 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003632.D

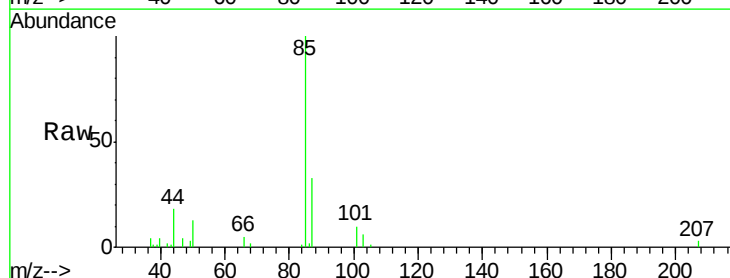
Acq: 28 Jun 2018 12:31

Tgt Ion: 85 Resp: 16414

Ion Ratio Lower Upper

85 100

87 32.6 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

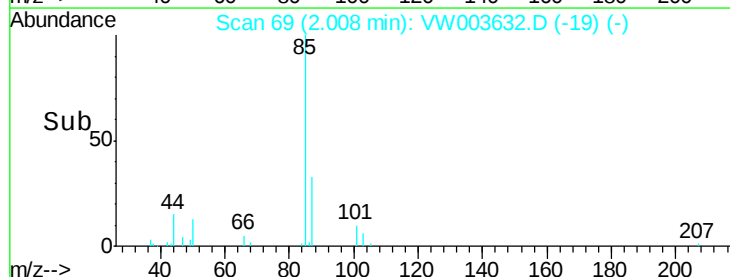
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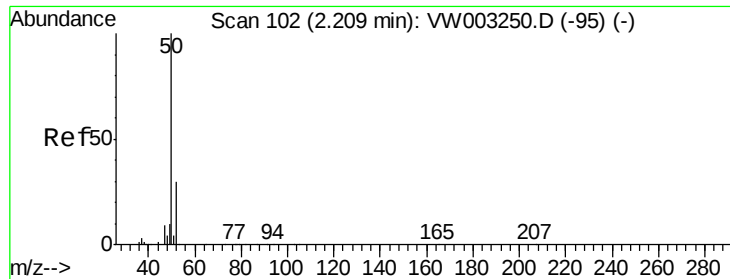
4000

2000

0

Time-->





#3

Chloromethane

Concen: 20.68 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 50 Resp: 34879

Ion Ratio Lower Upper

50 100

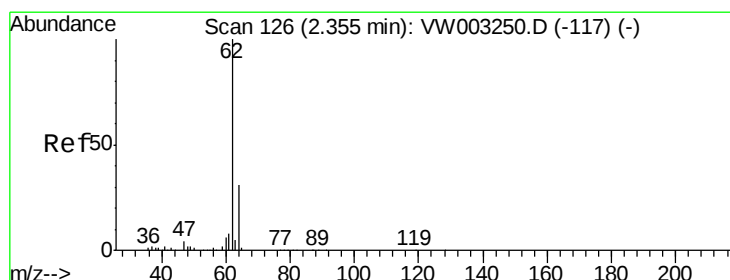
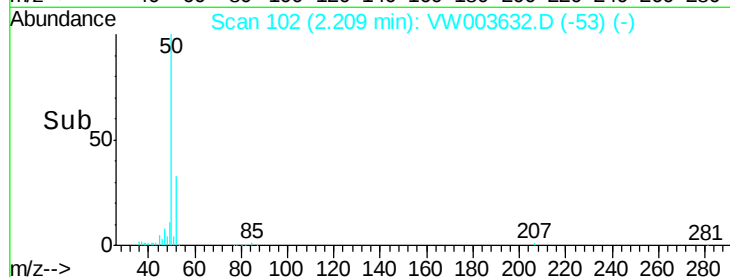
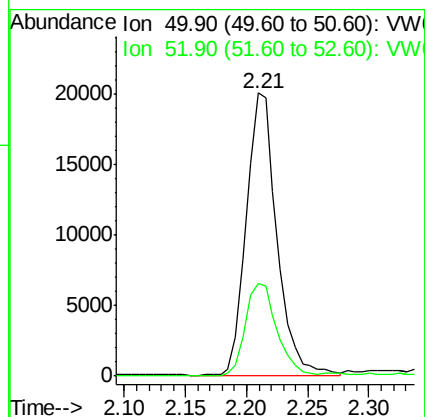
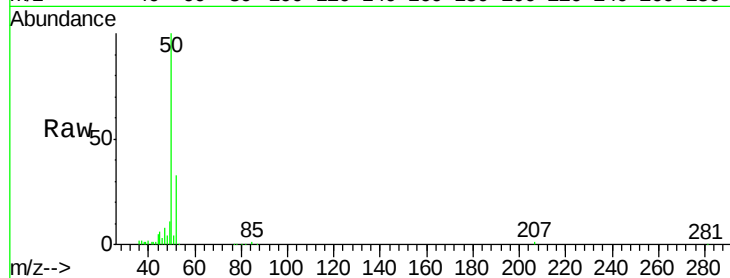
52 32.7 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.86 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003632.D

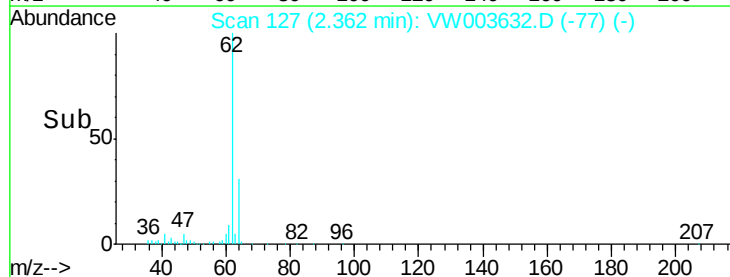
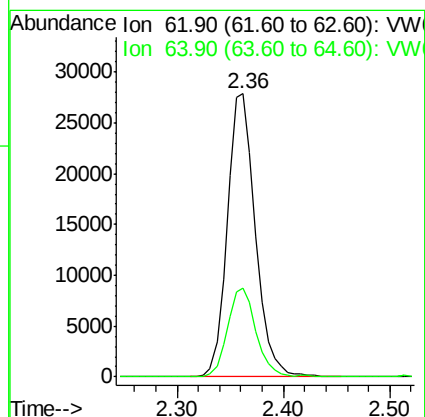
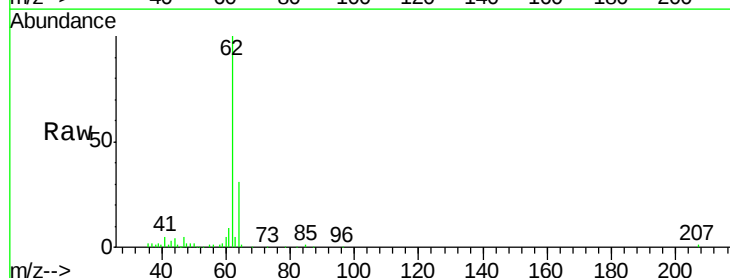
Acq: 28 Jun 2018 12:31

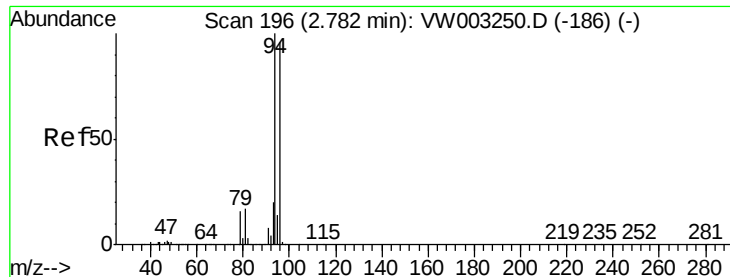
Tgt Ion: 62 Resp: 51288

Ion Ratio Lower Upper

62 100

64 31.4 24.9 37.3





#5

Bromomethane

Concen: 19.52 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 94 Resp: 31906

Ion Ratio Lower Upper

94 100

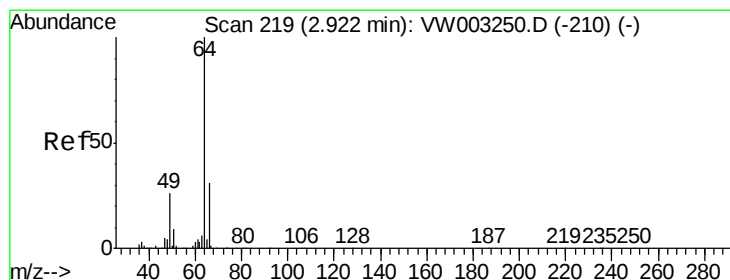
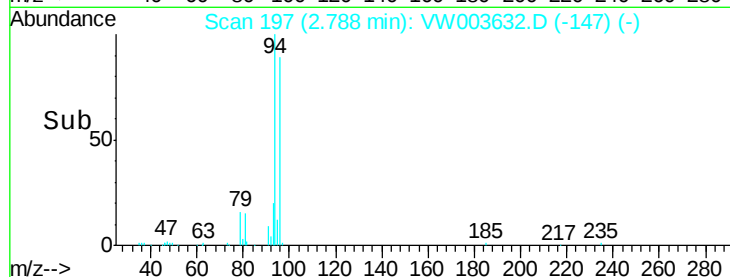
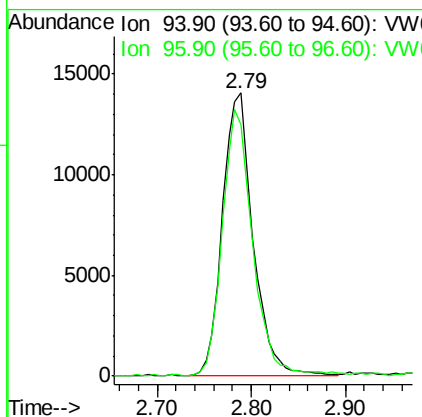
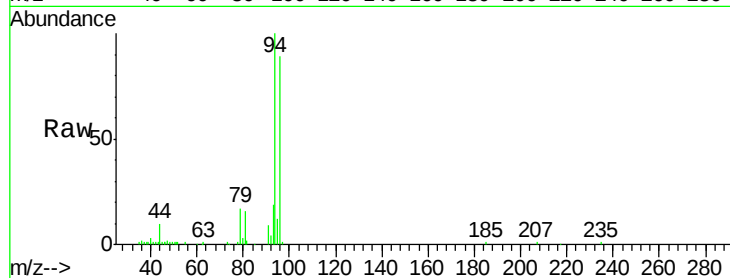
96 88.7 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 20.52 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003632.D

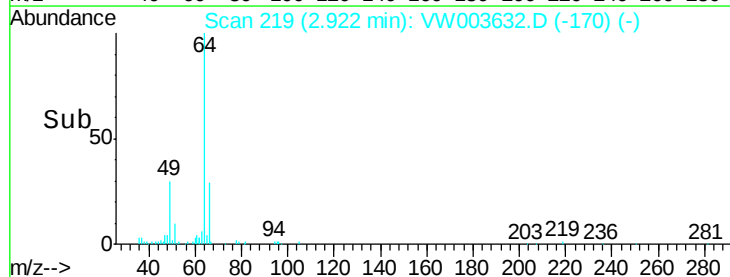
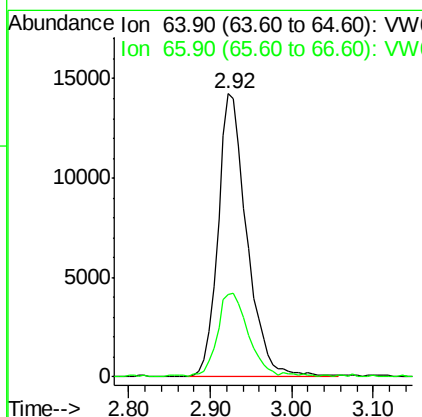
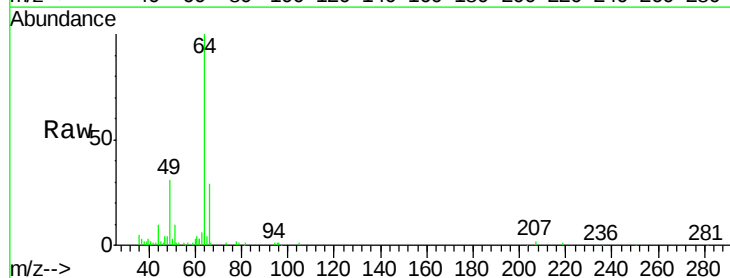
Acq: 28 Jun 2018 12:31

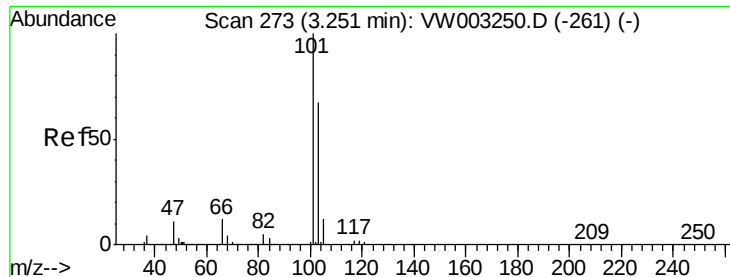
Tgt Ion: 64 Resp: 35125

Ion Ratio Lower Upper

64 100

66 29.3 24.4 36.6





#7

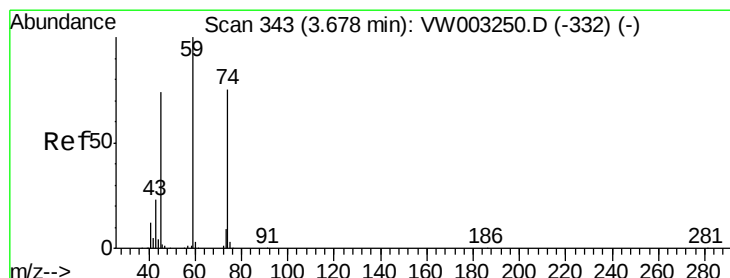
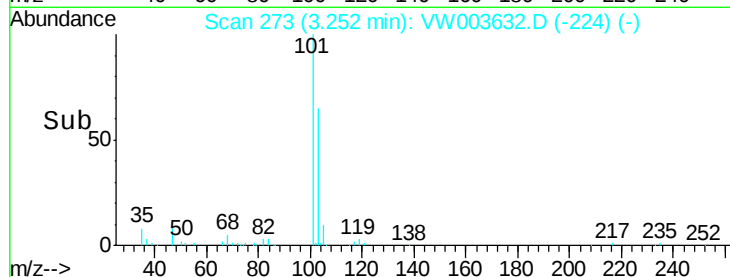
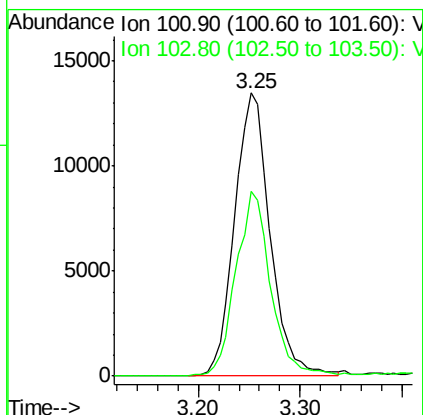
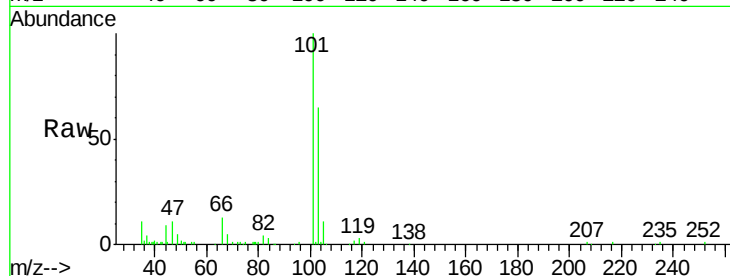
Trichlorofluoromethane
Concen: 22.04 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
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ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	53.4	80.0

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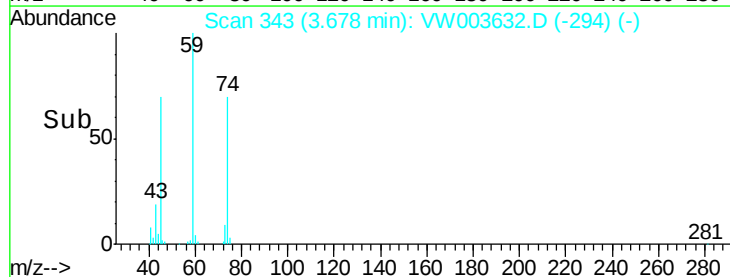
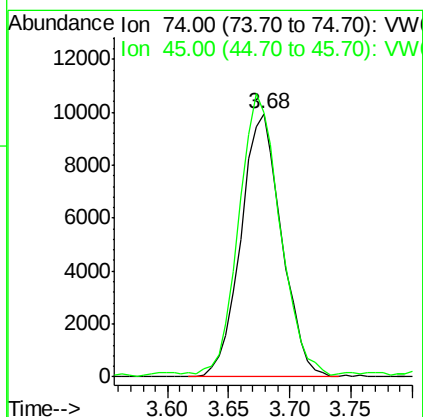
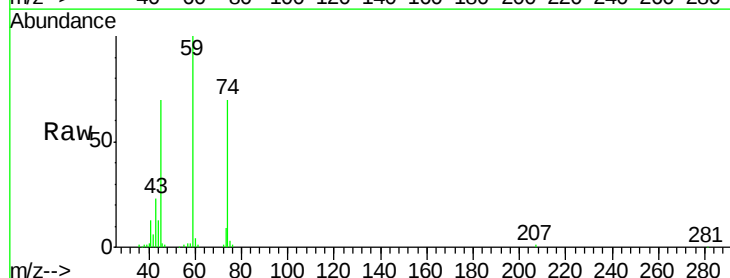
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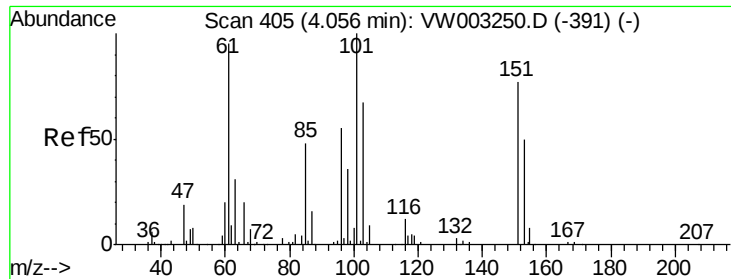


#8

Diethyl Ether
Concen: 21.29 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.6	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.22 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

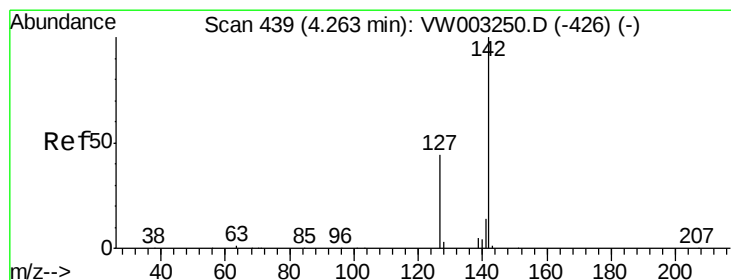
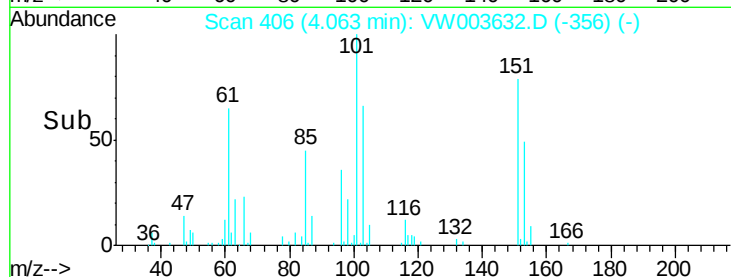
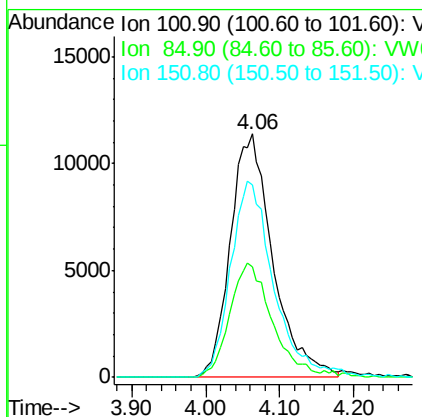
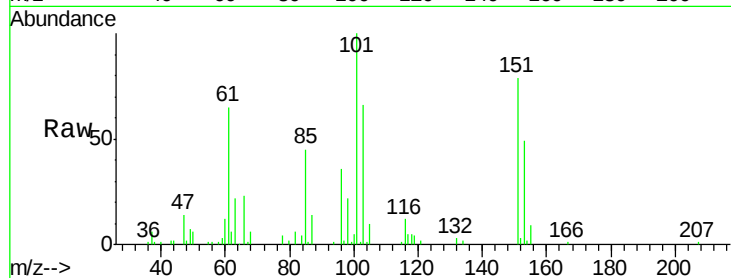
ClientSampleId :

VW0628SBS01

Tot Ion:	101	Resp:	45460
Ion Ratio	Lower	Upper	
101	100		
85	46.5	37.0	55.6
151	81.7	63.3	94.9

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#10

Methyl Iodide

Concen: 21.47 ug/l

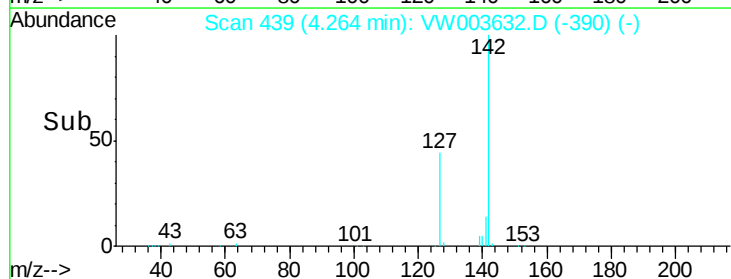
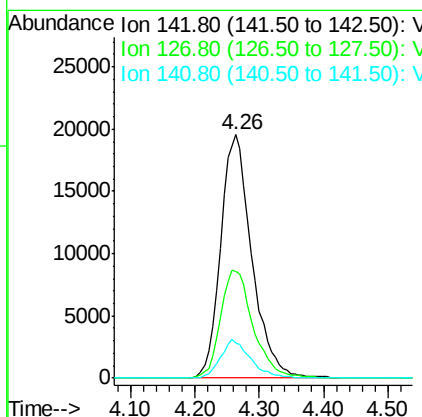
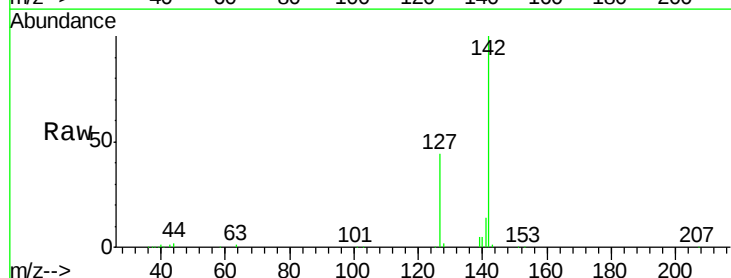
RT: 4.26 min Scan# 439

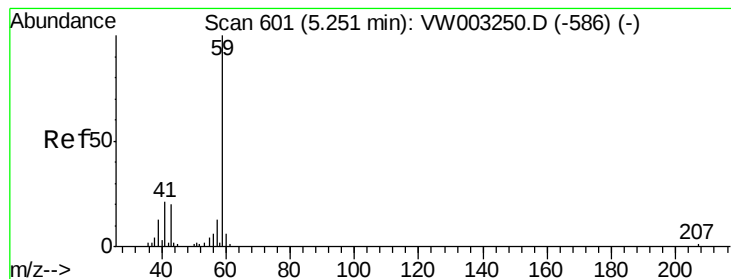
Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Tgt Ion:	142	Resp:	66416
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.5	54.7
141	15.3	12.1	18.1





#11

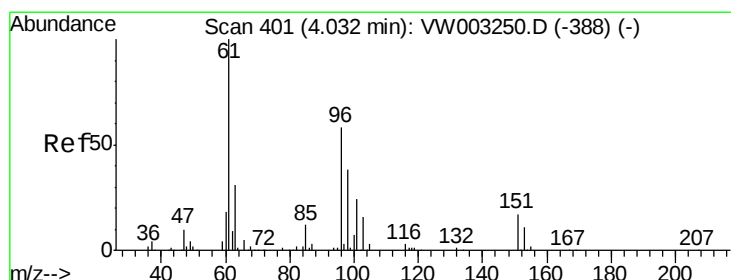
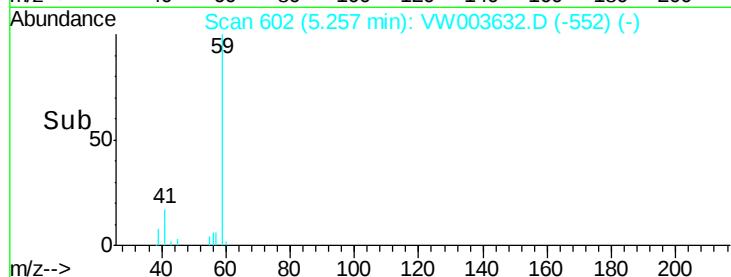
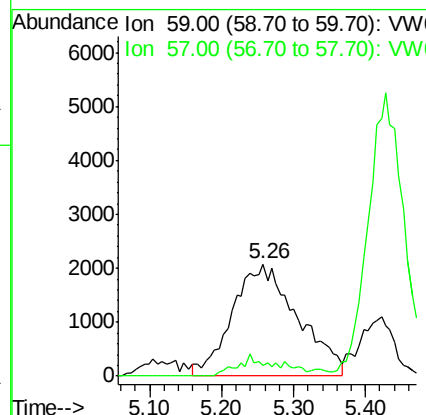
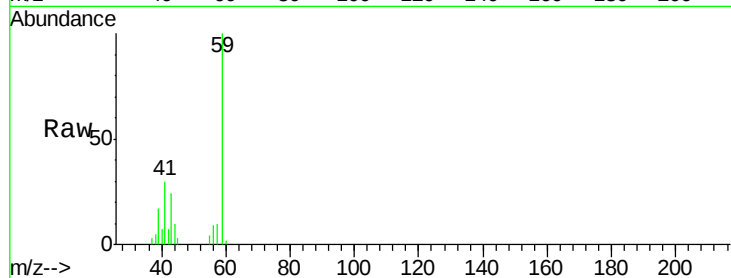
Tert butyl alcohol
Concen: 101.62 ug/l
RT: 5.26 min Scan# 602
Delta R.T. 0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	59	57	Ratio	100	7.4	Resp:	13037	Lower	4.2	Upper	6.2#

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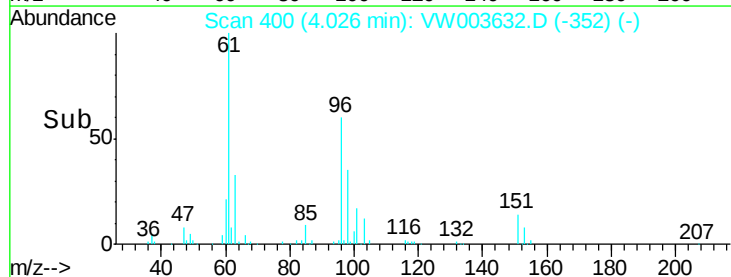
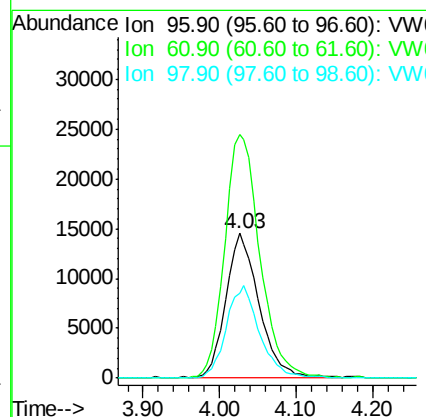
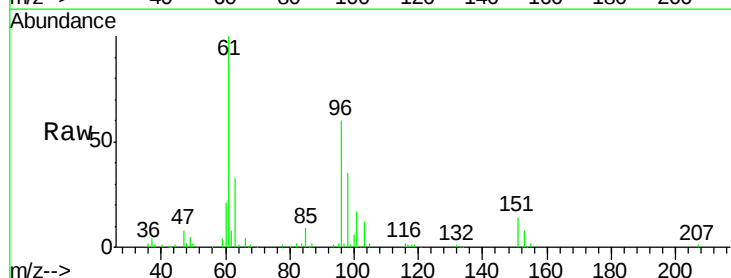
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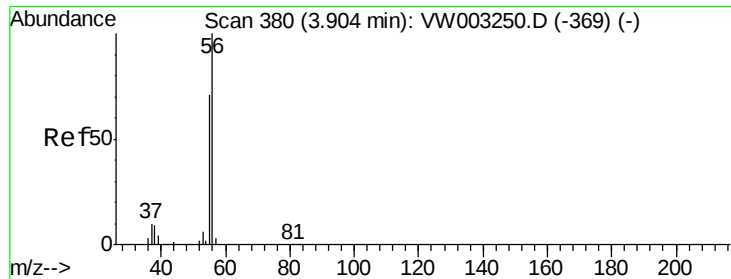


#12

1,1-Dichloroethene
Concen: 21.91 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	96	61	98	Ratio	100	167.3	59.0	Resp:	43805	Lower	139.0	53.3	Upper	208.4	79.9





#13

Acrolein

Concen: 63.53 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 56 Resp: 11652

Ion Ratio Lower Upper

56 100

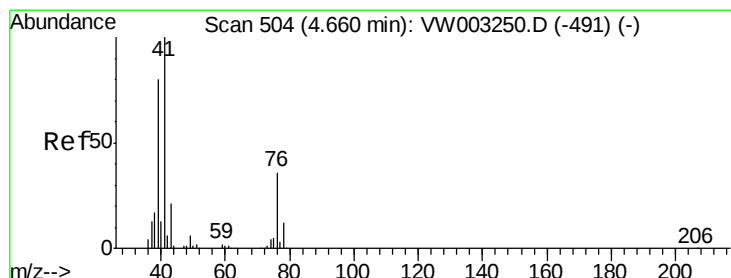
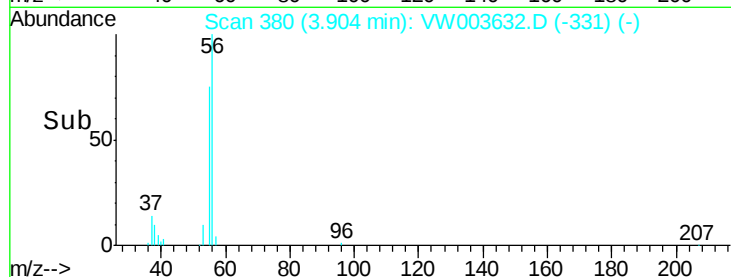
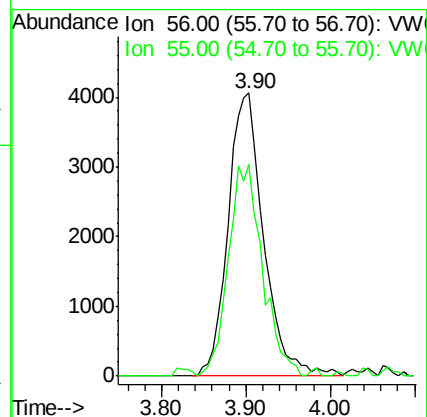
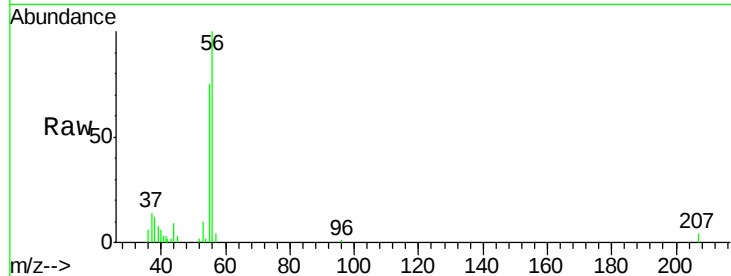
55 71.7 55.4 83.2

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#14

Allyl chloride

Concen: 21.61 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

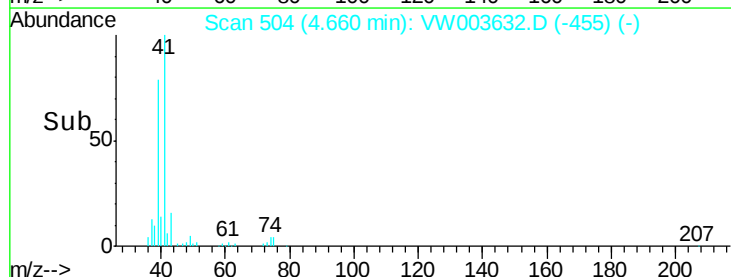
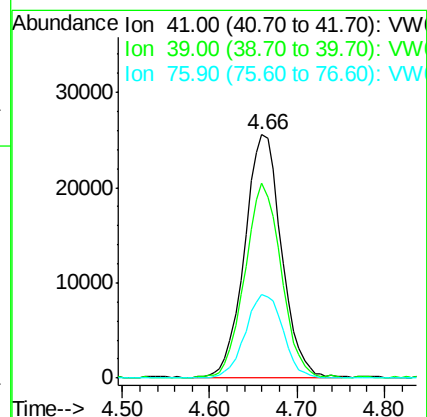
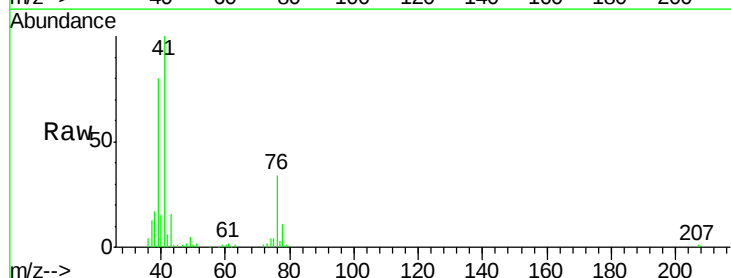
Tgt Ion: 41 Resp: 74839

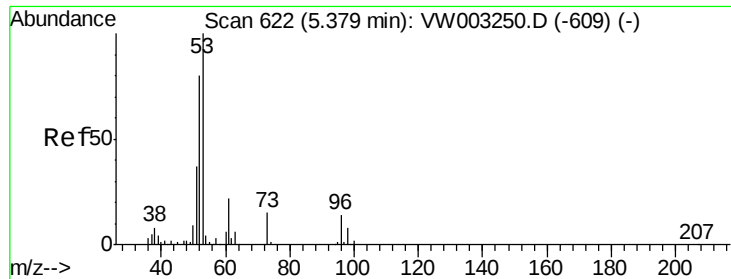
Ion Ratio Lower Upper

41 100

39 78.4 63.2 94.8

76 35.2 28.0 42.0





#15

Acrylonitrile

Concen: 106.84 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

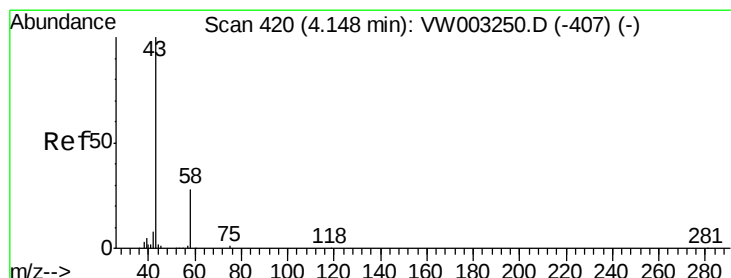
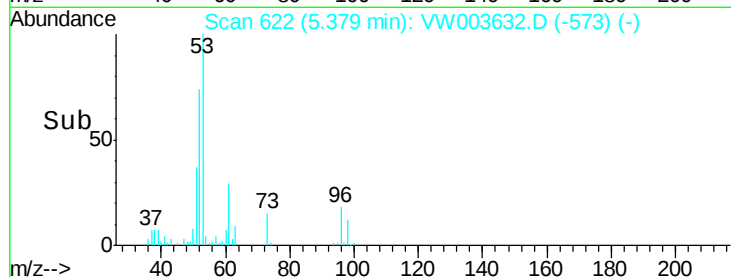
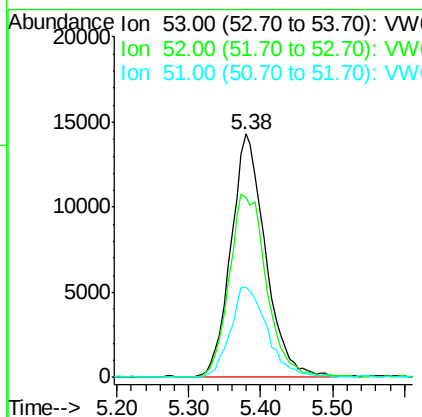
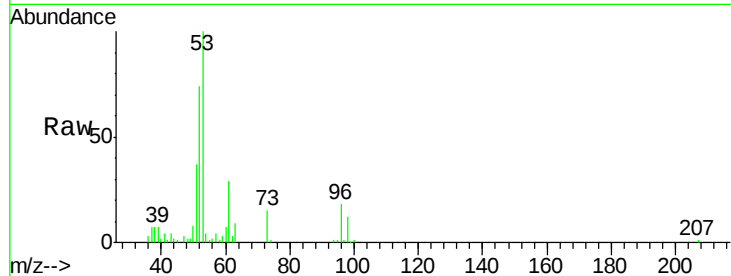
ClientSampleId :

VW0628SBS01

Tot Ion:	53	Resp:	47574
Ion	Ratio	Lower	Upper
53	100		
52	80.8	66.6	100.0
51	39.6	30.6	46.0

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#16

Acetone

Concen: 111.65 ug/l

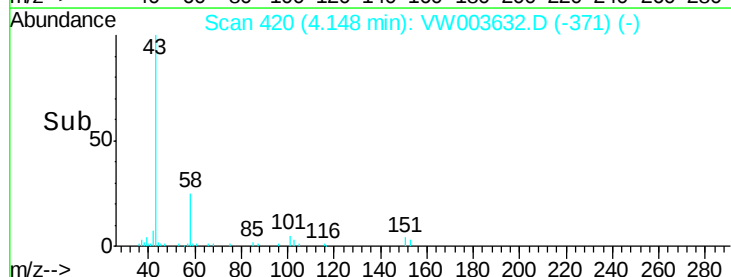
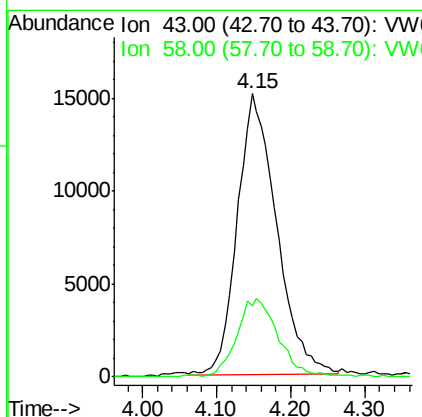
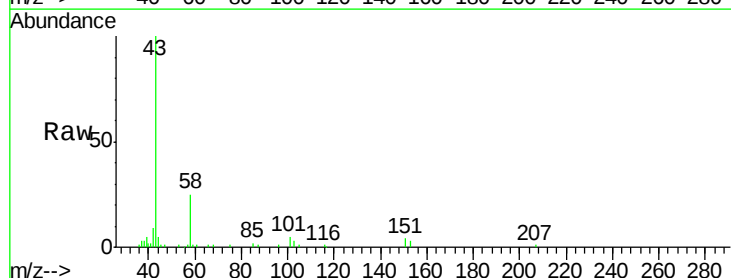
RT: 4.15 min Scan# 420

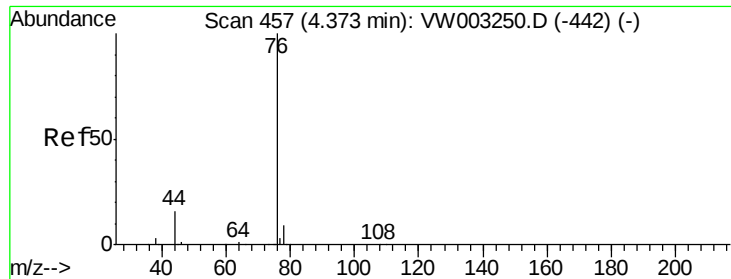
Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Tgt Ion:	43	Resp:	56015
Ion	Ratio	Lower	Upper
43	100		
58	25.0	22.6	34.0





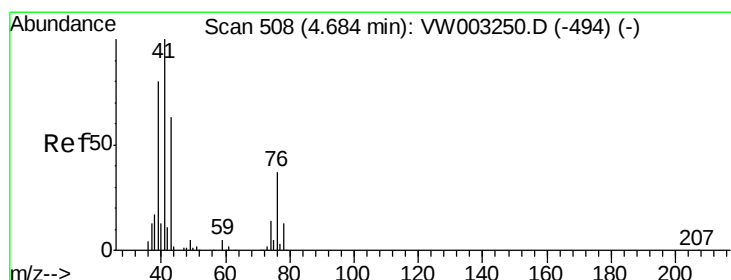
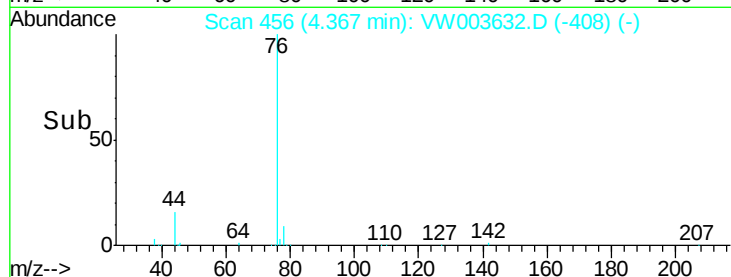
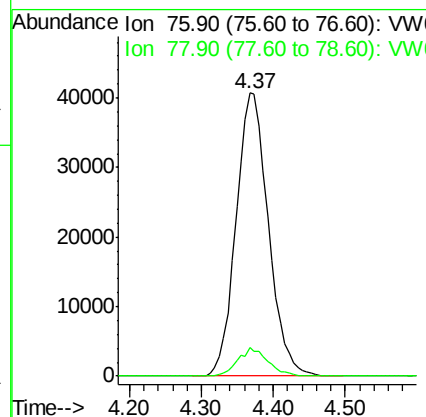
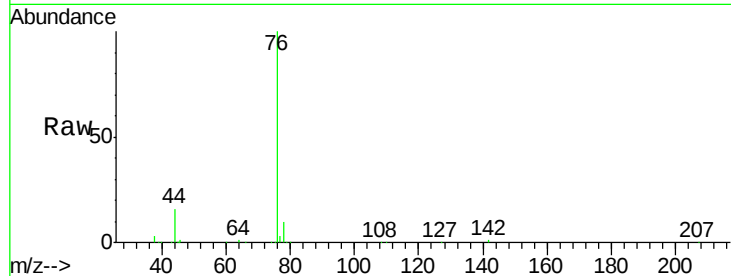
#17
Carbon Disulfide
Concen: 21.44 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.1	10.7

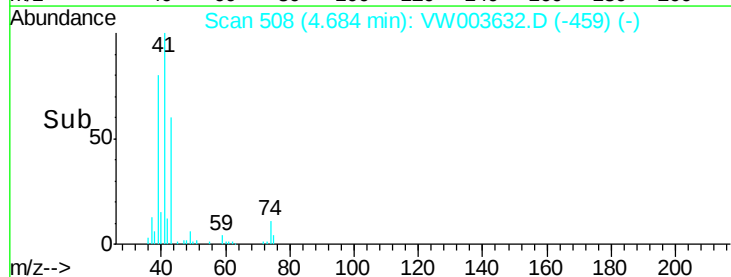
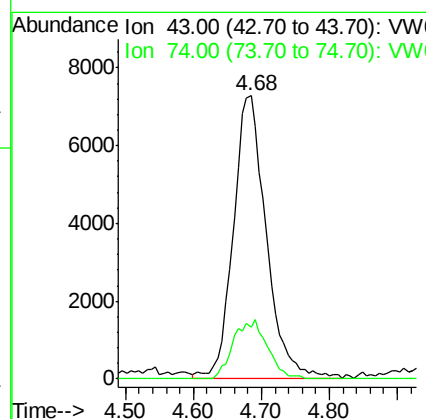
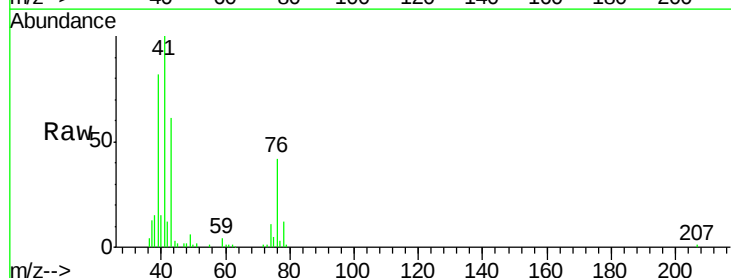
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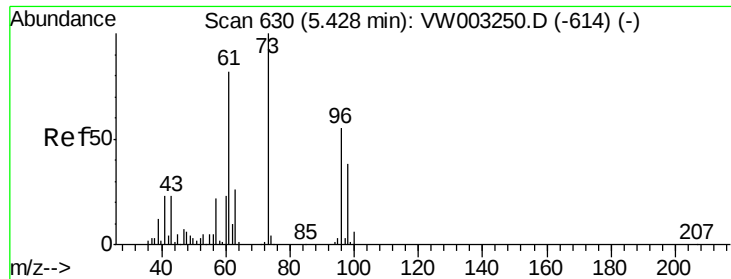
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#18
Methyl Acetate
Concen: 20.64 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	18.7	28.1





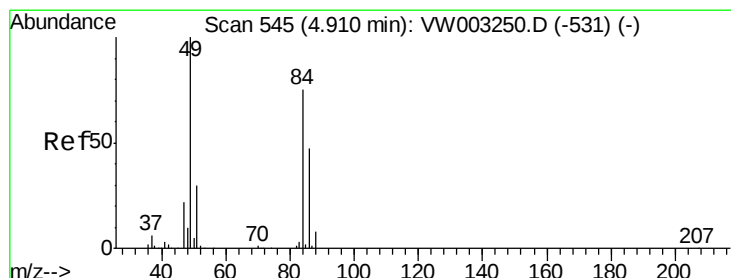
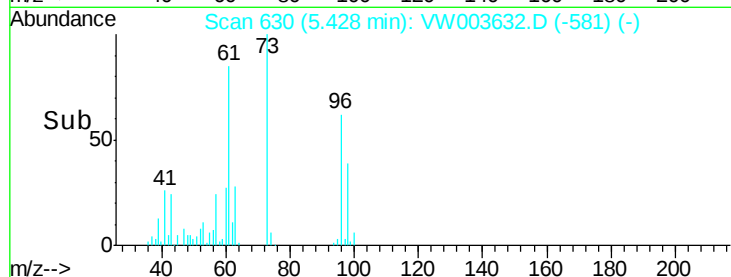
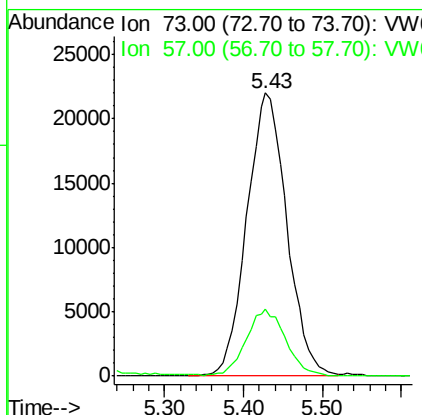
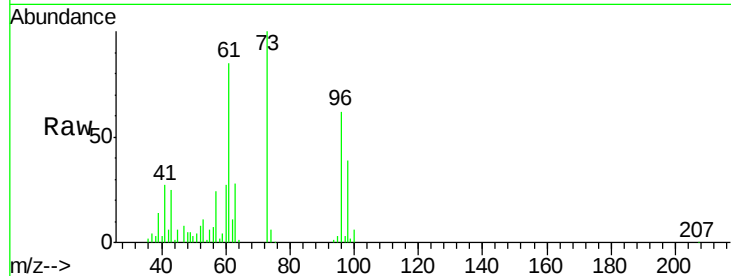
#19
Methvl tert-butvl Ether
Concen: 20.74 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion: 73 Resp: 77674
Ion Ratio Lower Upper
73 100
57 23.5 18.0 27.0

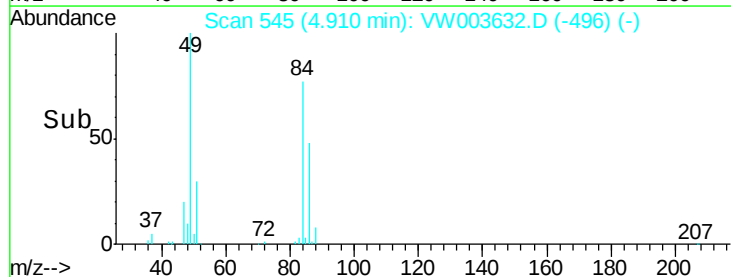
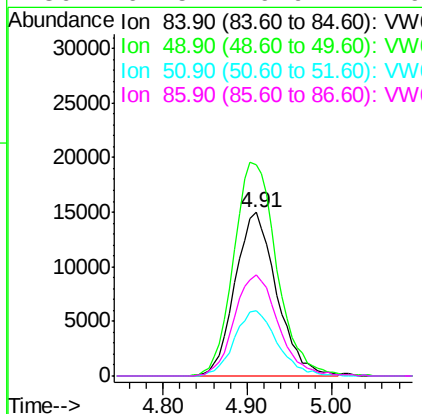
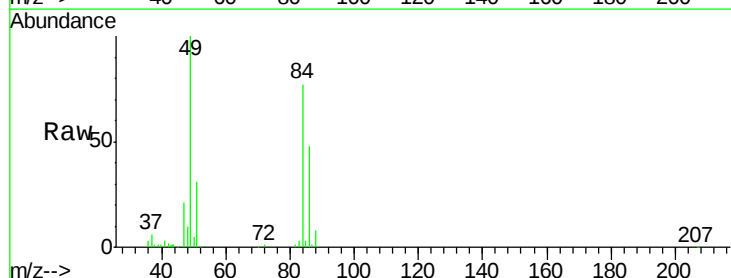
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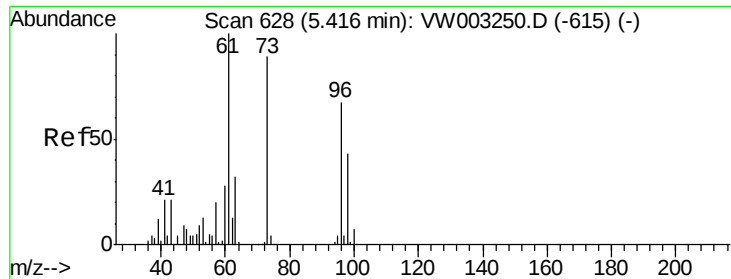
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#20
Methylene Chloride
Concen: 21.53 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 84 Resp: 50343
Ion Ratio Lower Upper
84 100
49 129.4 106.3 159.5
51 39.9 32.0 48.0
86 61.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.99 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

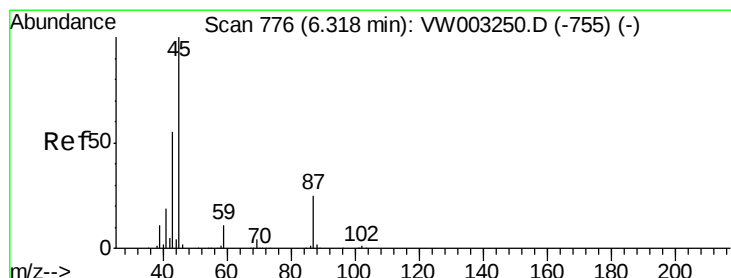
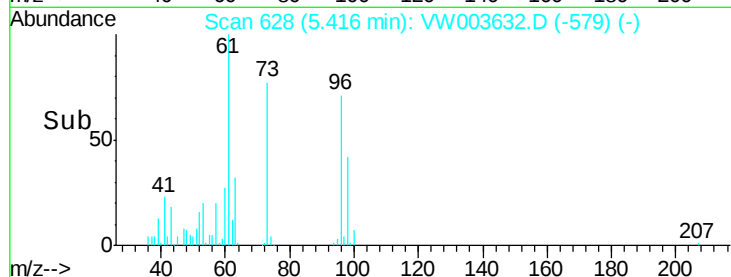
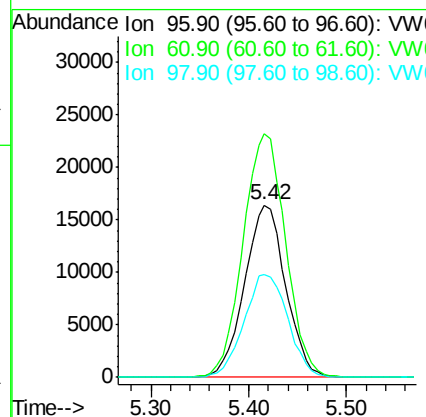
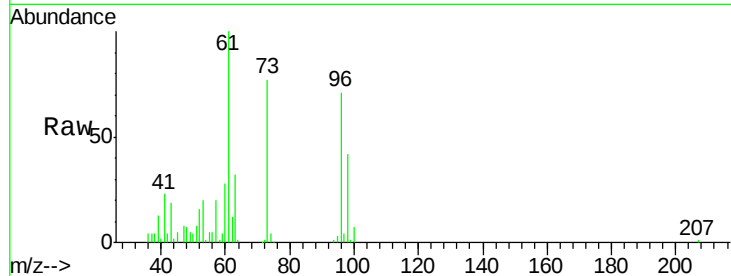
ClientSampleId :

VW0628SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.2	118.7	178.1
98	59.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 22.01 ug/l

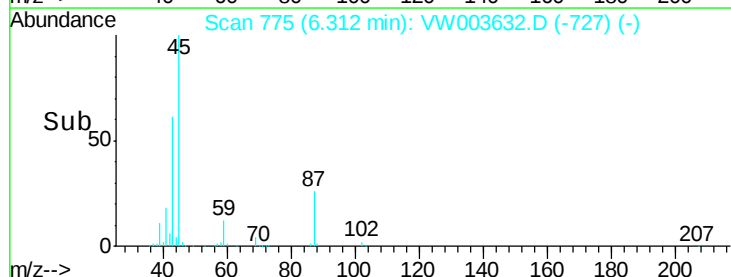
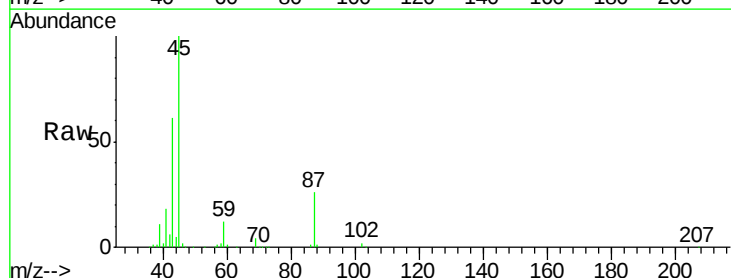
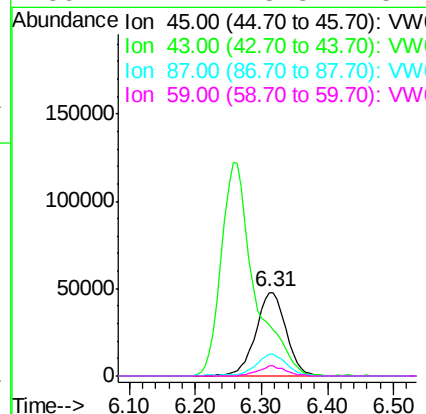
RT: 6.31 min Scan# 775

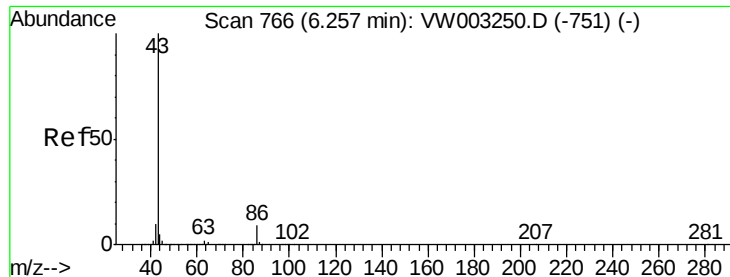
Delta R.T. -0.01 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.2	44.0	66.0
87	26.2	20.6	31.0
59	11.7	8.8	13.2





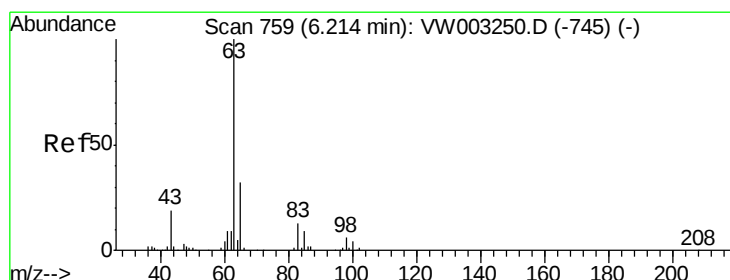
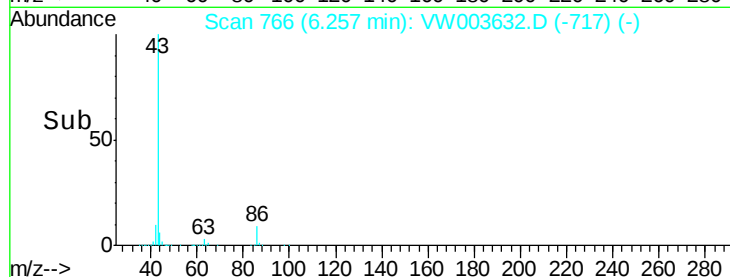
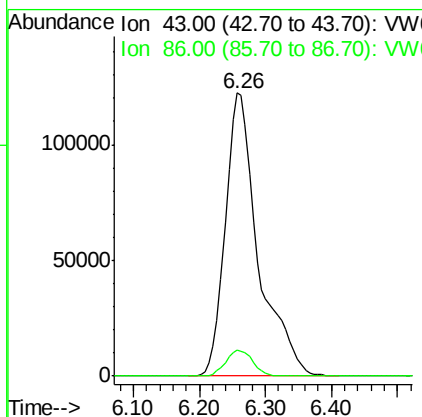
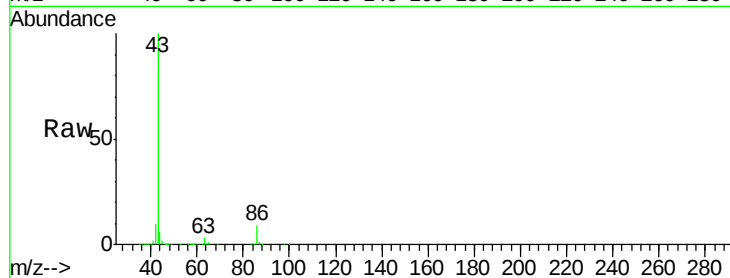
#23
 Vinyl Acetate
 Concen: 105.29 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.5	11.3

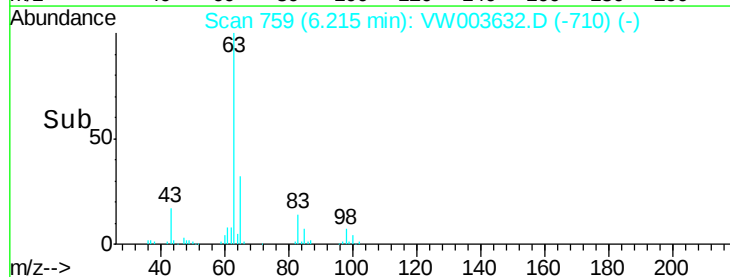
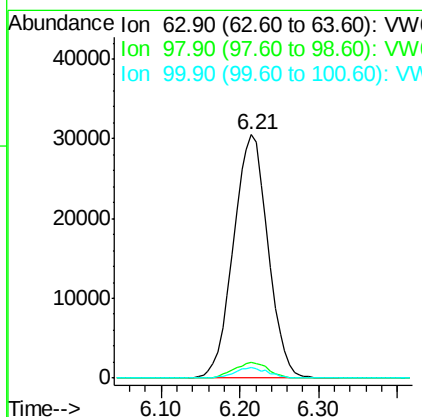
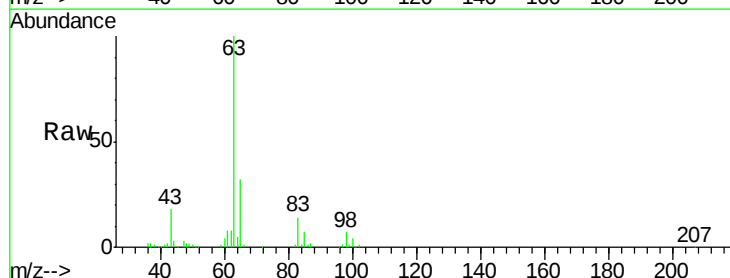
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#24
 1,1-Dichloroethane
 Concen: 22.42 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	2.8	8.3
100	4.2	2.1	6.5





#25

2-Butanone

Concen: 108.03 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampled :

VW0628SBS01

Tot Ion: 43 Resp: 67392

Ion Ratio Lower Upper

43 100

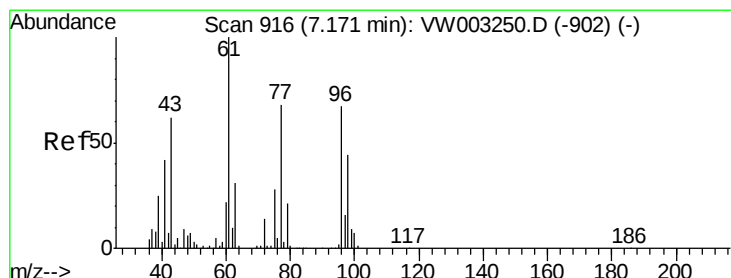
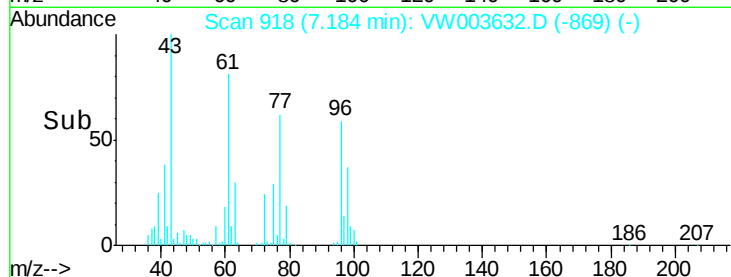
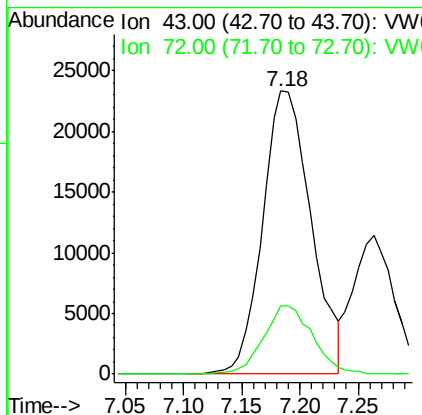
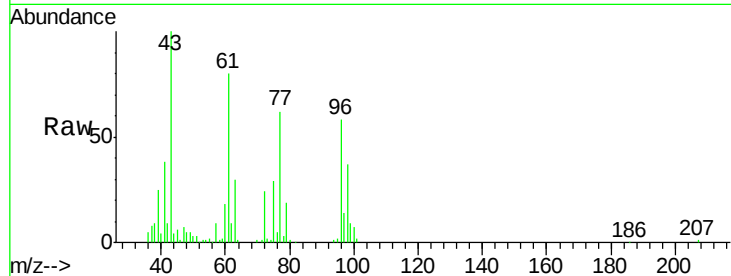
72 23.9 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 22.22 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003632.D

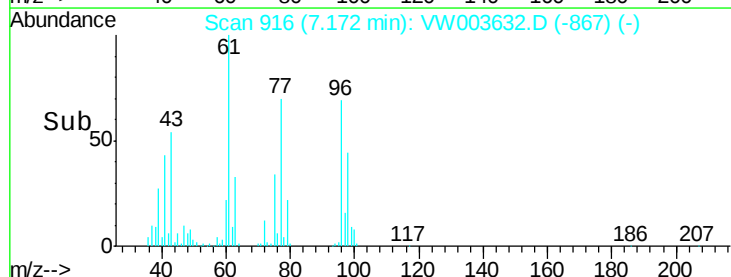
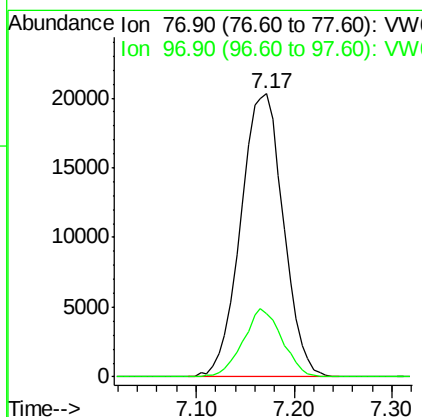
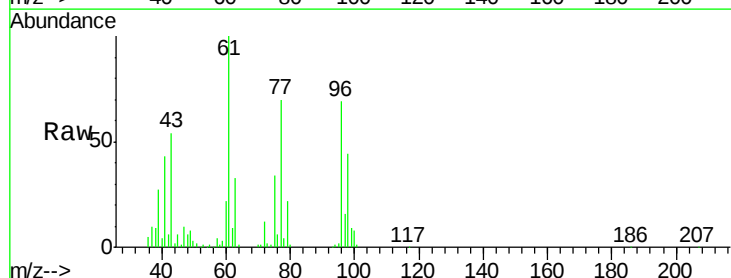
Acq: 28 Jun 2018 12:31

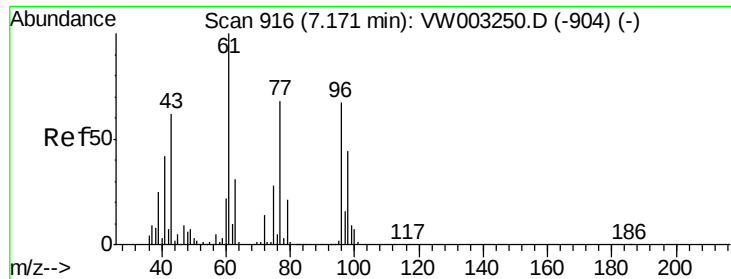
Tgt Ion: 77 Resp: 61350

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.9





#27

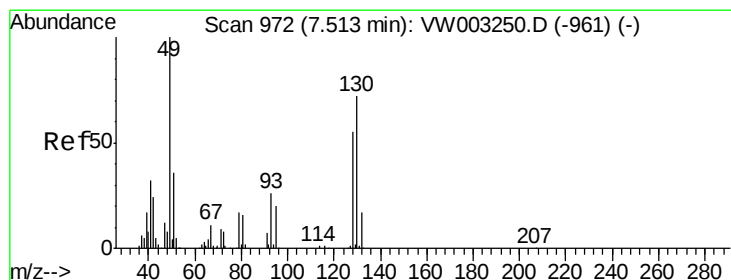
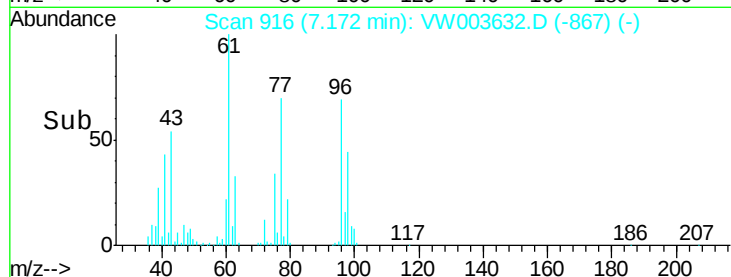
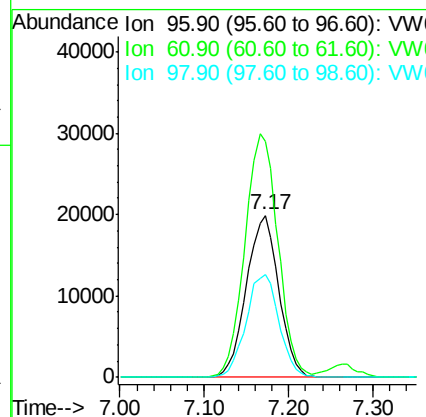
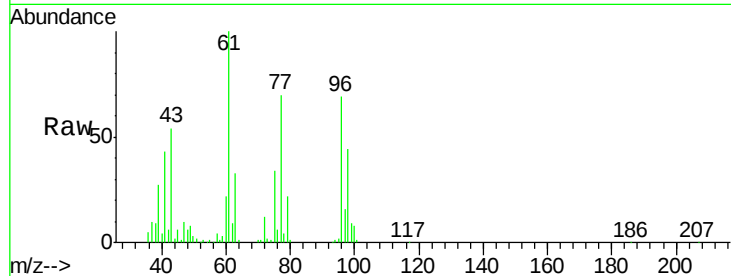
cis-1,2-Dichloroethene
Concen: 21.63 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.3	0.0	298.8
98	64.6	0.0	130.4

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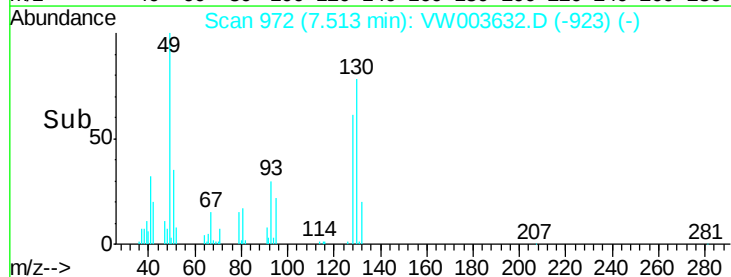
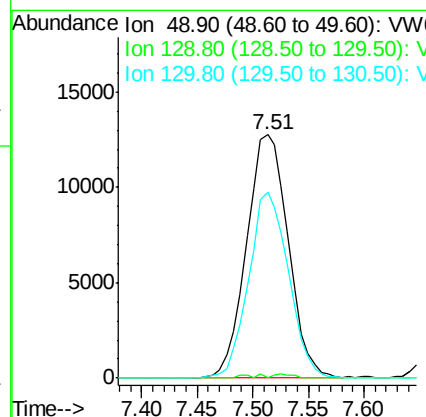
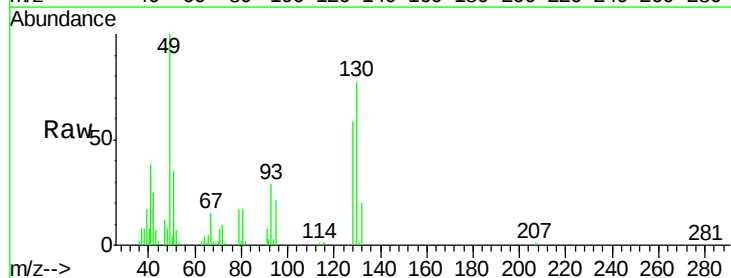
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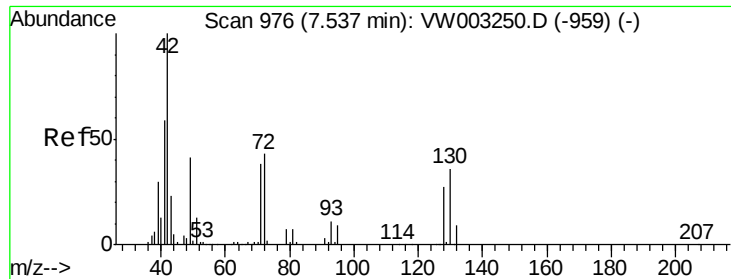


#28

Bromochloromethane
Concen: 19.35 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	4.6
130	72.9	59.4	89.2





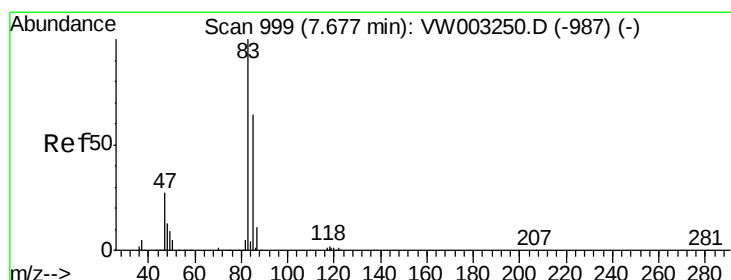
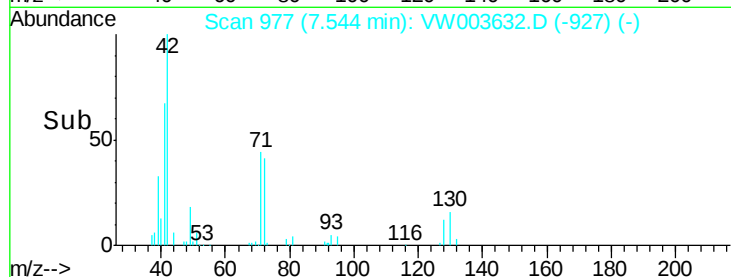
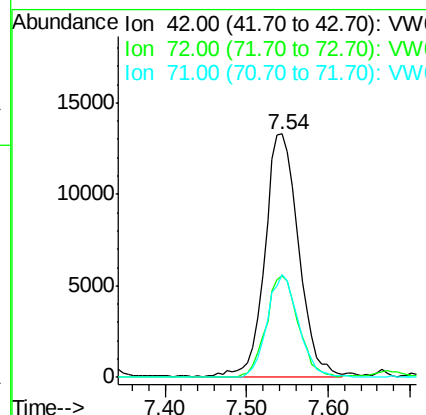
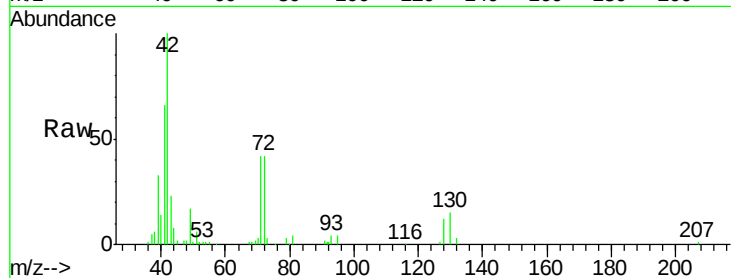
#29
Tetrahydrofuran
Concen: 100.85 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	32.4	48.6
71	38.9	31.2	46.8

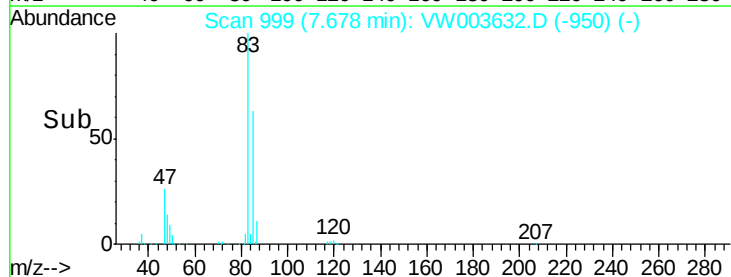
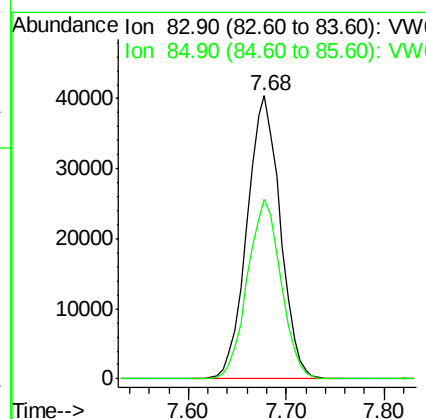
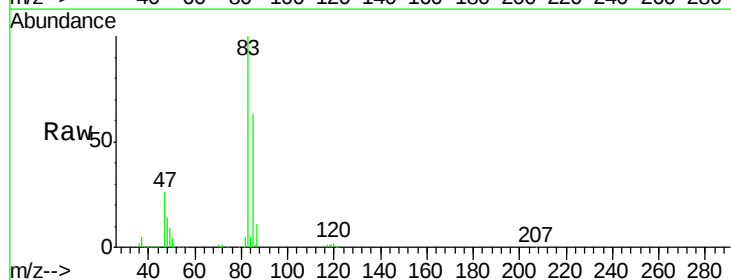
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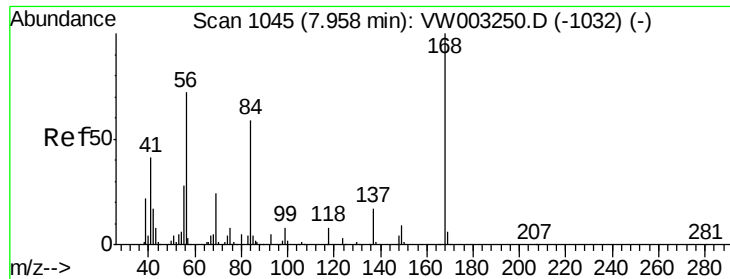
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#30
Chloroform
Concen: 22.54 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.3	76.9





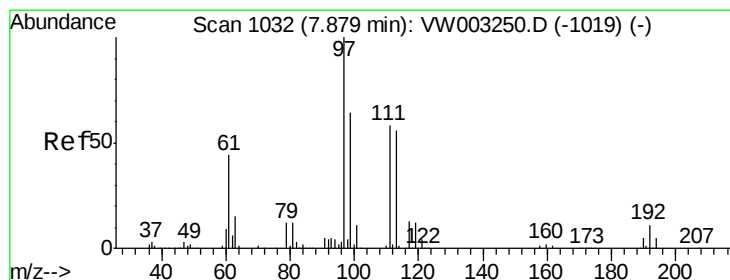
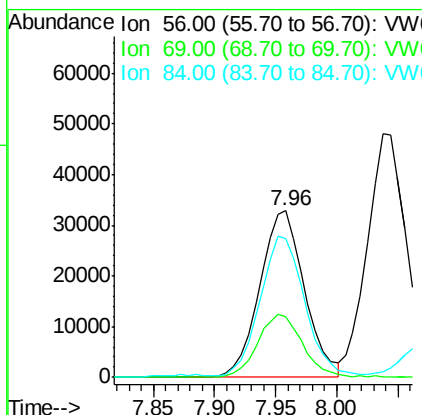
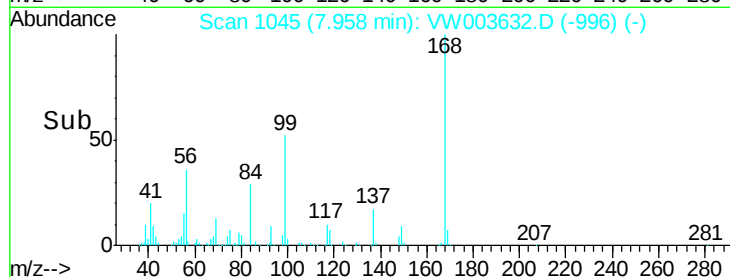
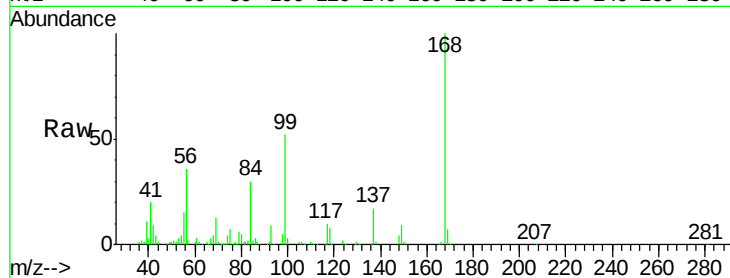
#31
Cyclohexane
Concen: 21.60 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	26.3	39.5
84	81.7	65.7	98.5

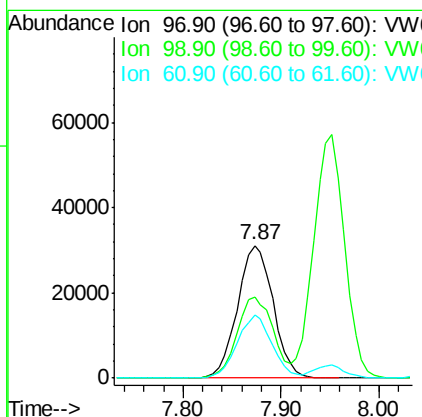
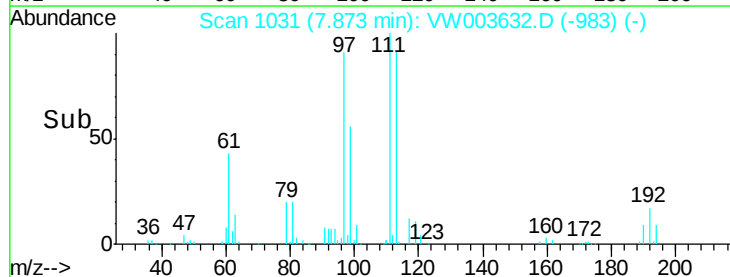
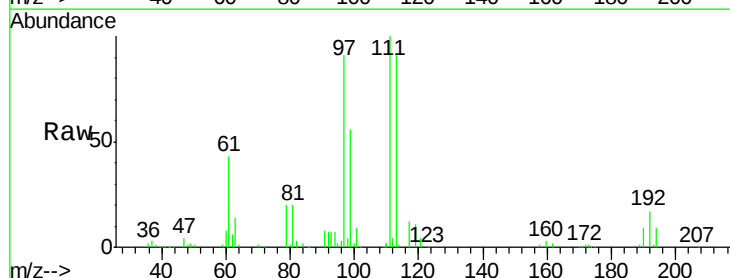
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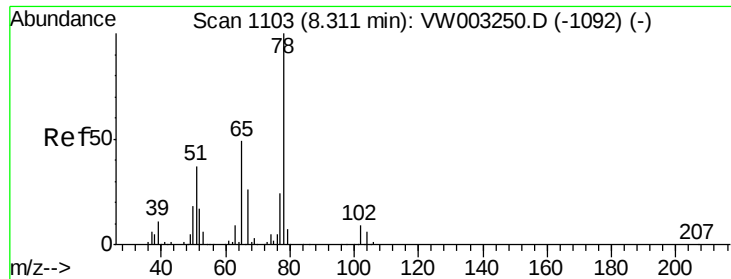
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#32
1,1,1-Trichloroethane
Concen: 22.47 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.7	77.5
61	46.8	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 50.99 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 65 Resp: 121983

Ion Ratio Lower Upper

65 100

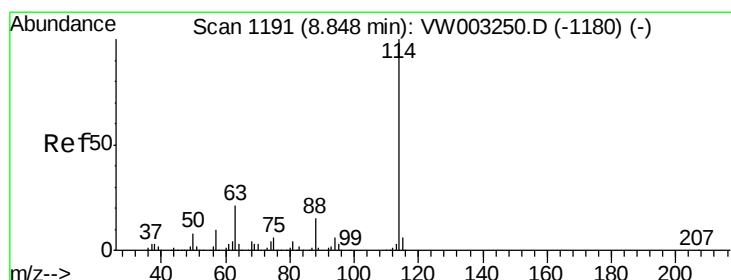
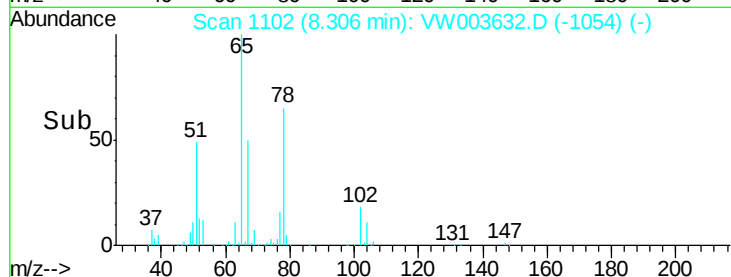
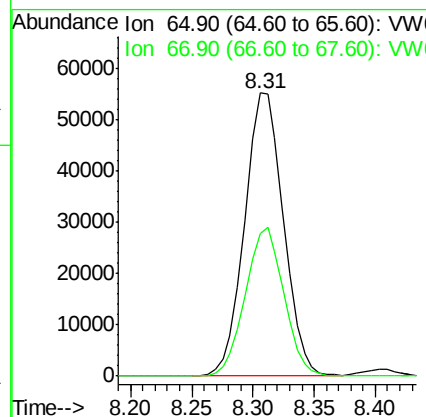
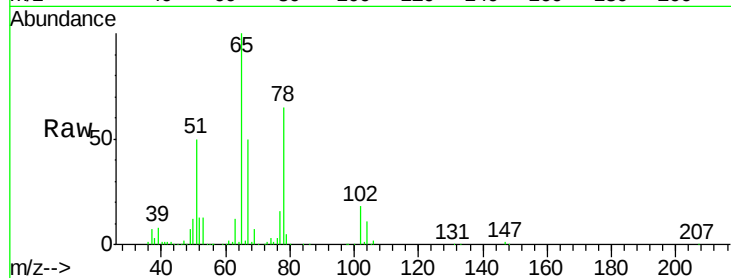
67 51.9 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

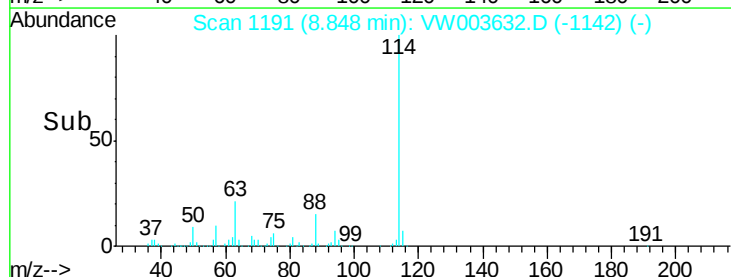
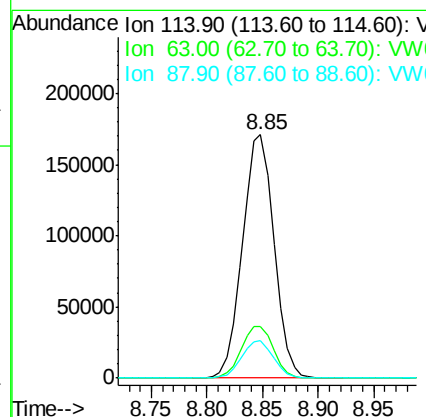
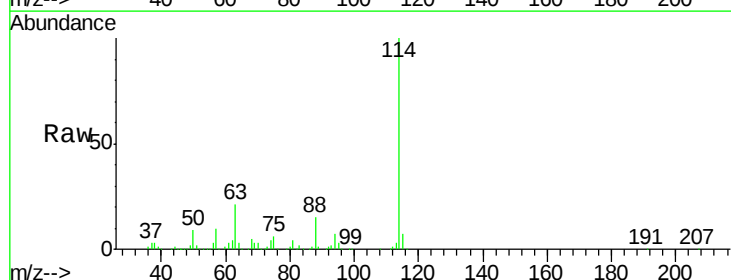
Tgt Ion: 114 Resp: 336862

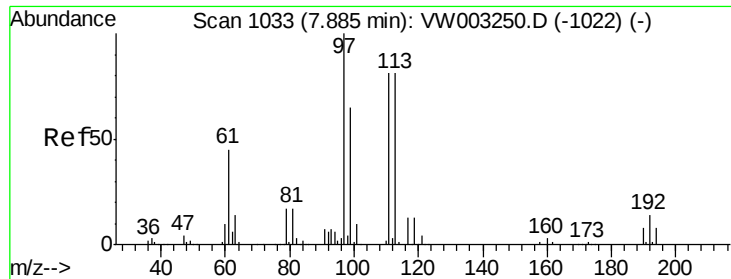
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 15.2 0.0 29.6





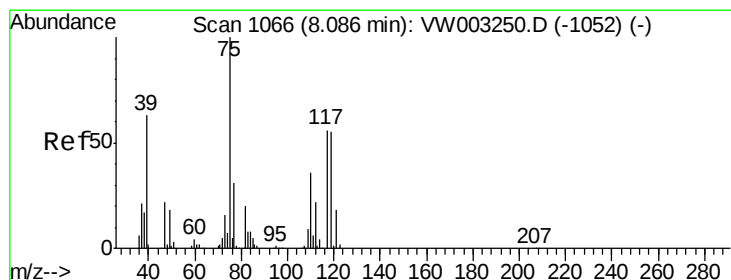
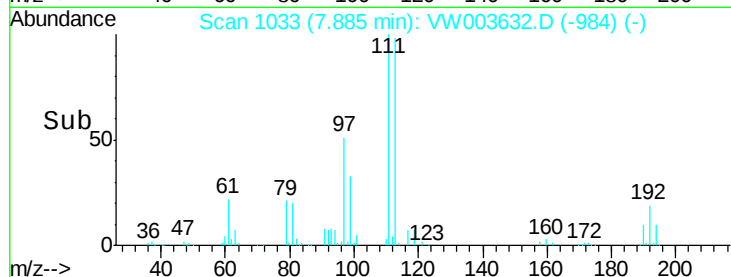
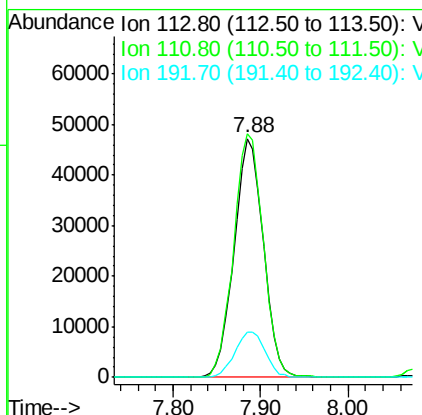
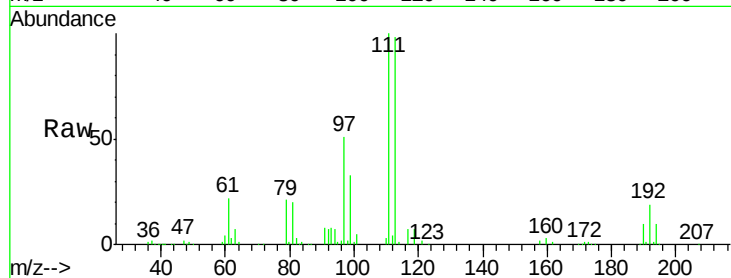
#35
 Dibromofluoromethane
 Concen: 52.41 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109705		
111	103.8	82.2	123.2	
192	19.9	16.2	24.2	

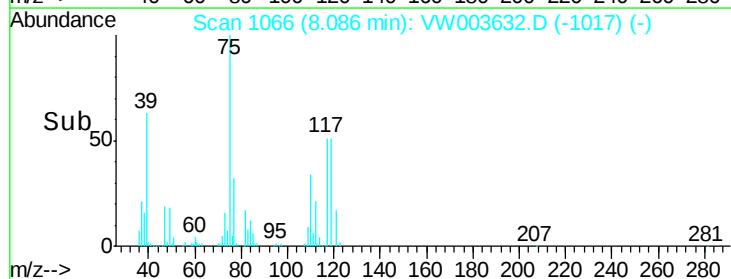
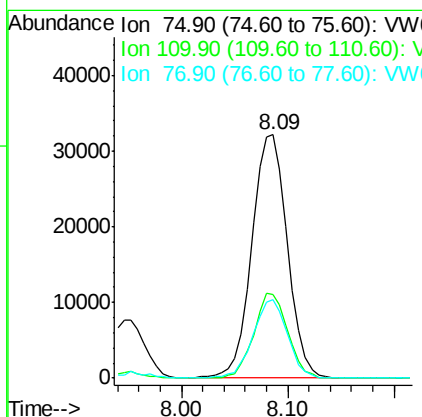
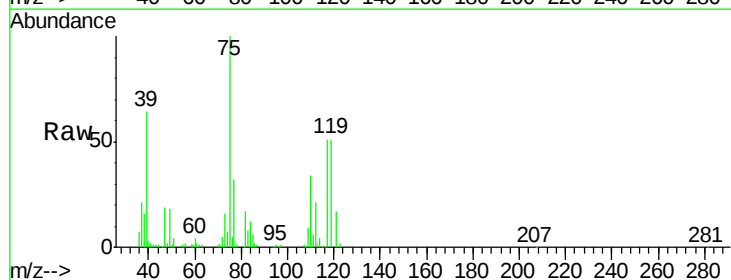
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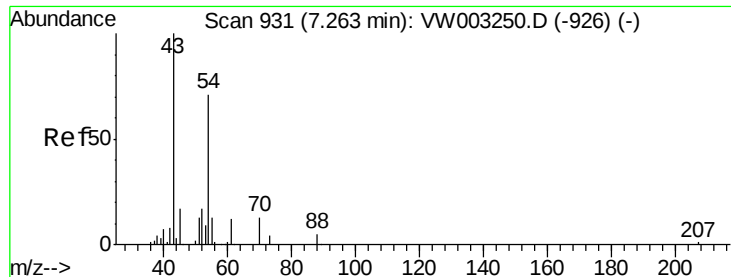
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#36
 1,1-Dichloropropene
 Concen: 23.13 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75231		
110	33.0	17.1	51.3	
77	31.2	24.9	37.3	





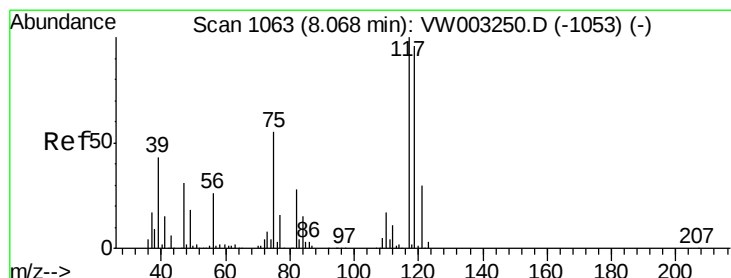
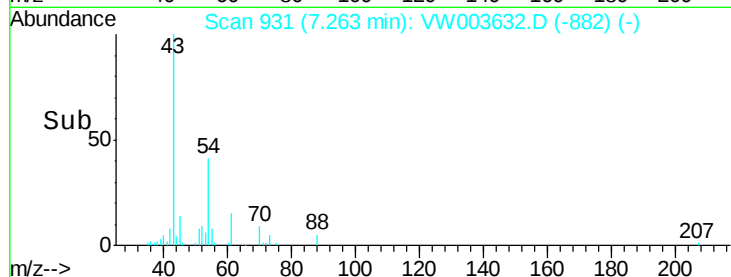
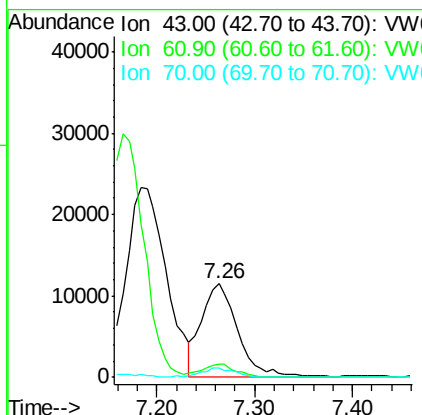
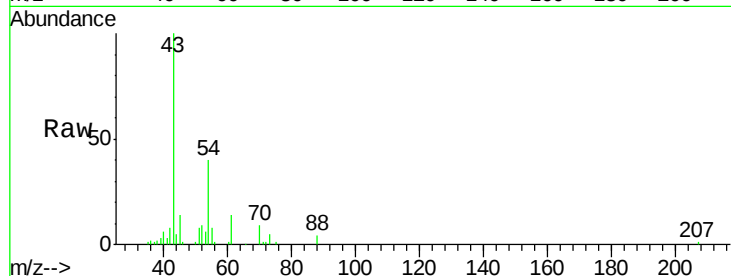
#37
Ethyl Acetate
Concen: 21.51 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.8	16.2
70	9.5	7.8	11.6

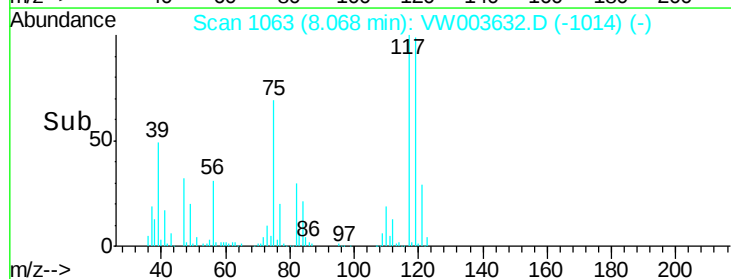
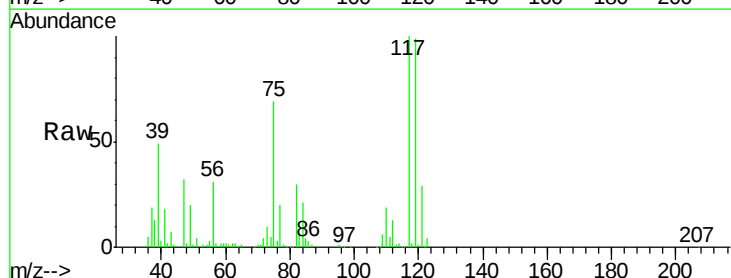
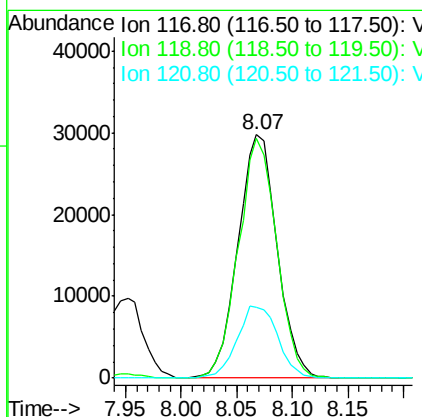
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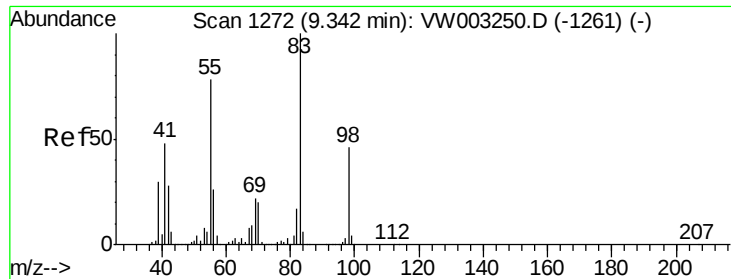
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#38
Carbon Tetrachloride
Concen: 22.79 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.6	115.0
121	29.0	23.9	35.9





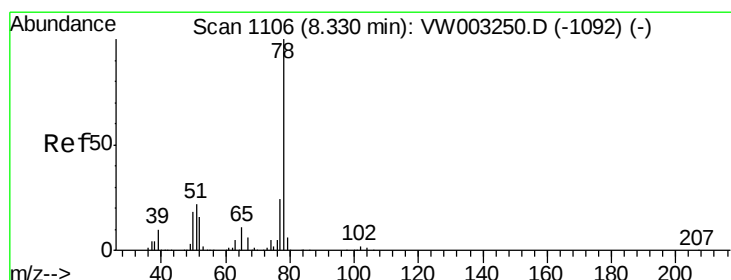
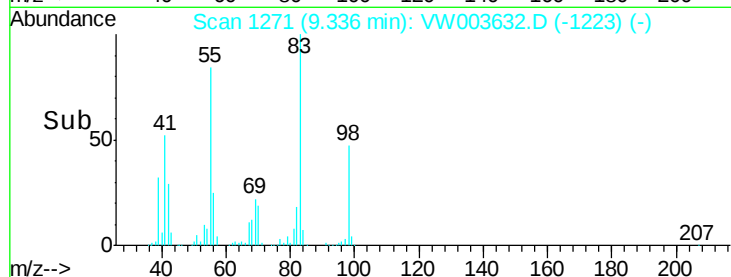
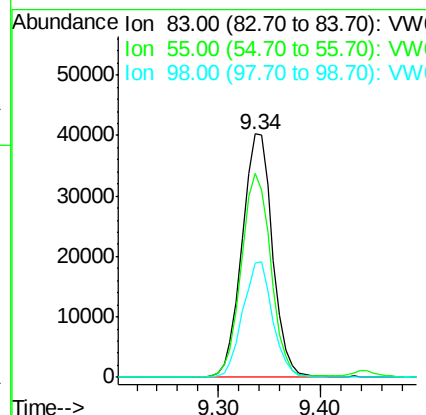
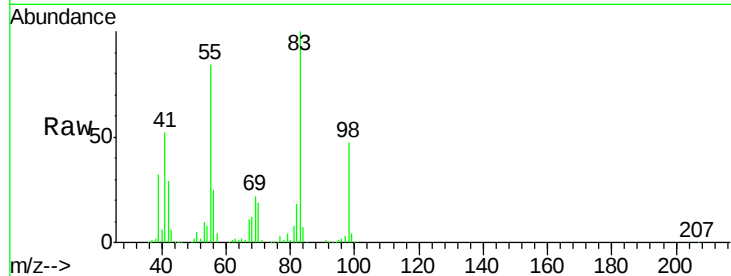
#39
Methvlcvclohexane
Concen: 22.23 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	83.9	62.6	93.8	
98	46.8	37.0	55.4	

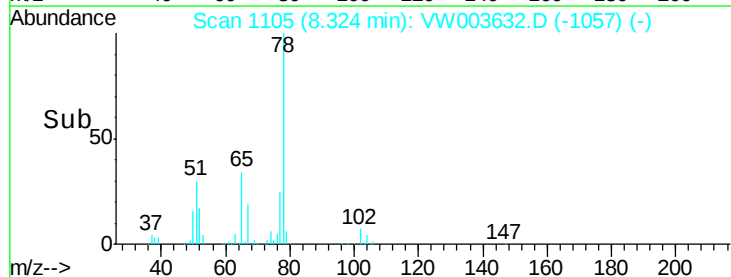
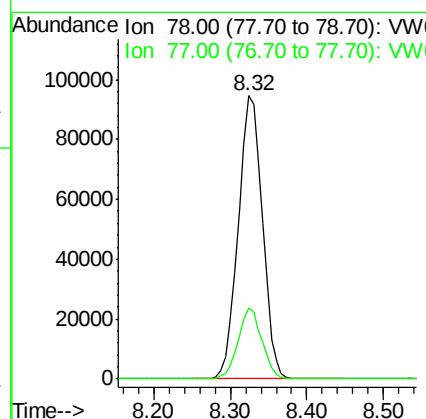
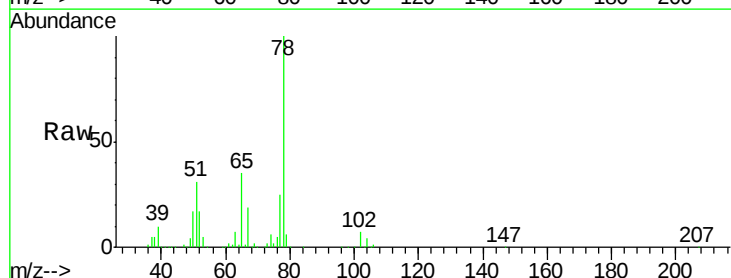
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#40
Benzene
Concen: 23.09 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	25.1	19.0	28.6	





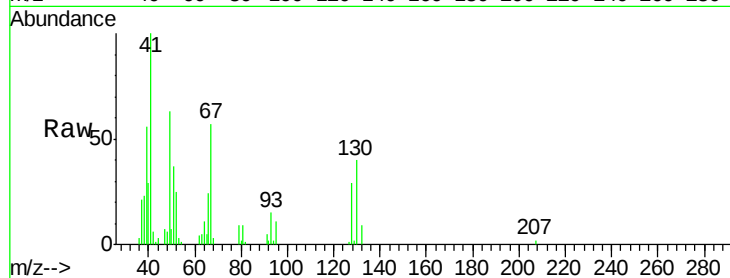
#41
Methacrylonitrile
Concen: 23.06 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampled :
VW0628SBS01

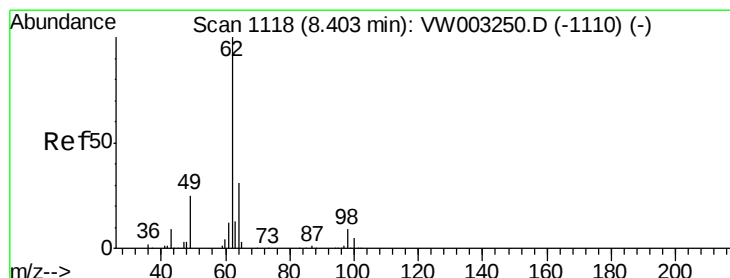
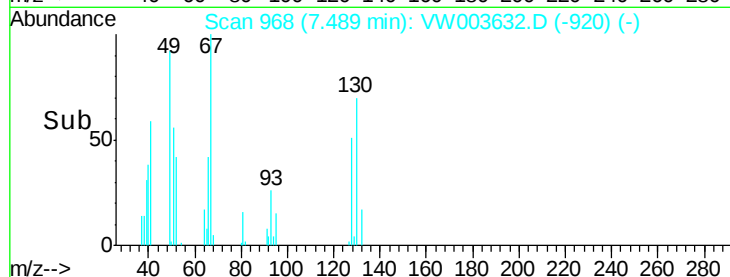
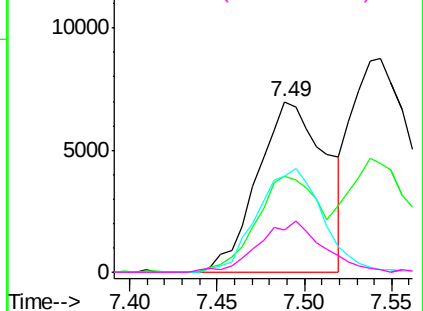
Tot Ion:	41	Resp:	19069
Ion	Ratio	Lower	Upper
41	100		
39	51.1	45.8	68.8
67	58.5	52.3	78.5
52	27.9	24.1	36.1

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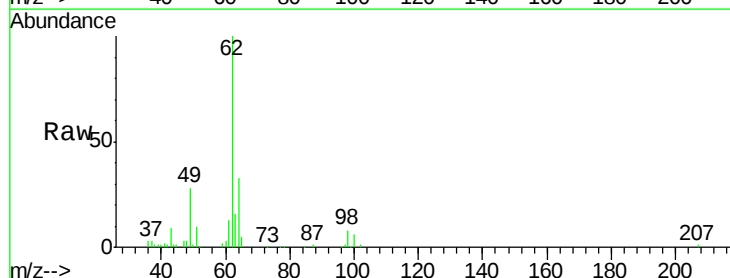


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

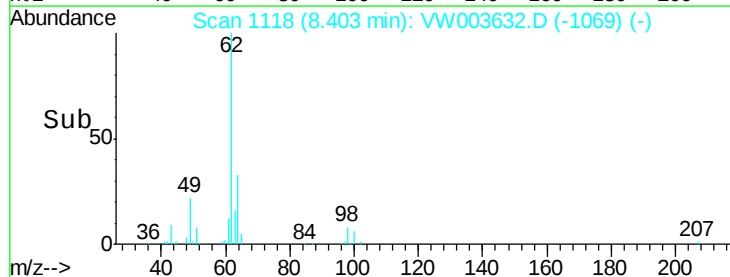
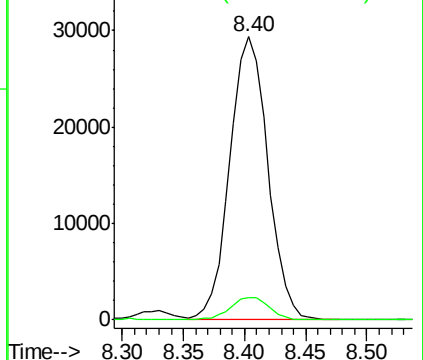


#42
1,2-Dichloroethane
Concen: 22.54 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion:	62	Resp:	63326
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2



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





#43

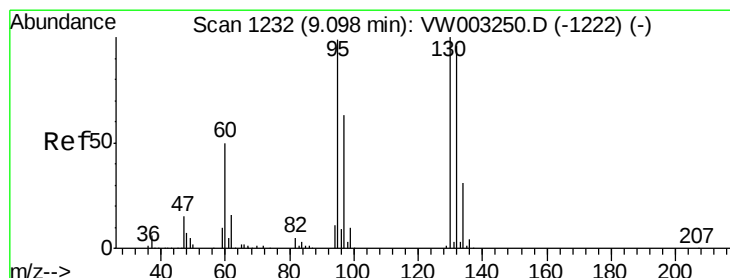
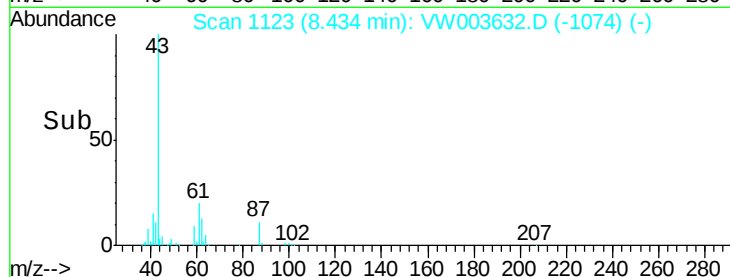
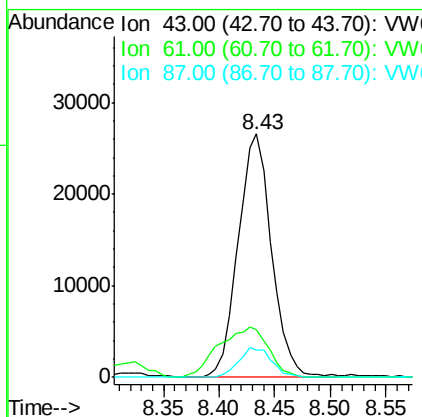
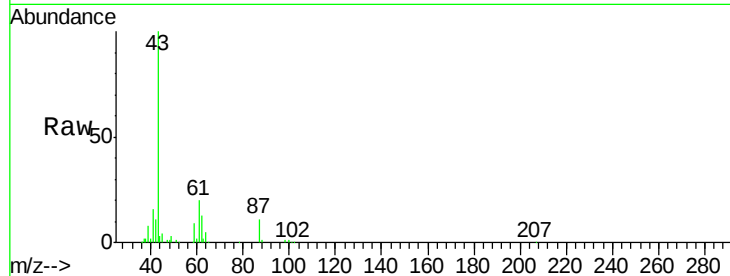
Isopropyl Acetate
 Concen: 20.70 ug/l
 RT: 8.43 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	43	Resp	55404
Ion Ratio	100	Lower	Upper
43	100		
61	30.6	23.1	34.7
87	12.1	9.8	14.6

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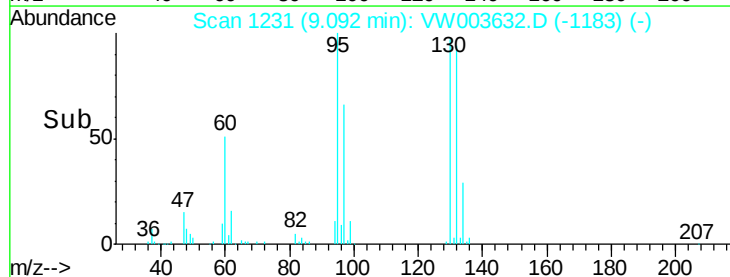
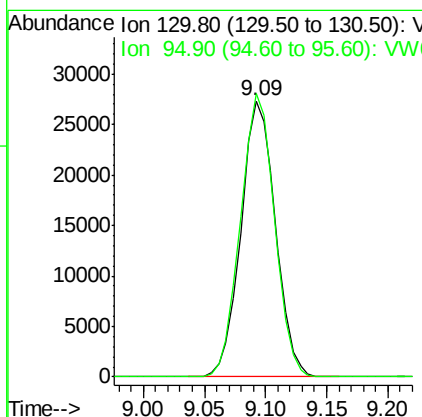
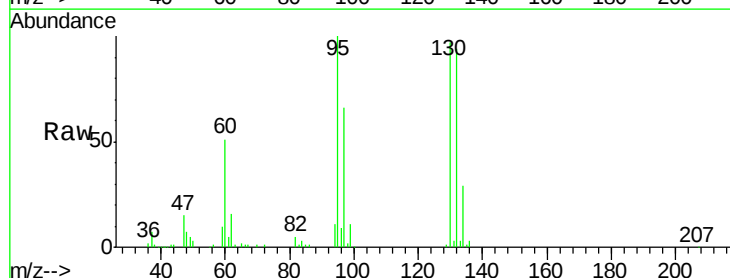
apatel
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#44

Trichloroethene
 Concen: 22.54 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion	130	Resp	53564
Ion Ratio	100	Lower	Upper
130	100		
95	102.7	0.0	198.0





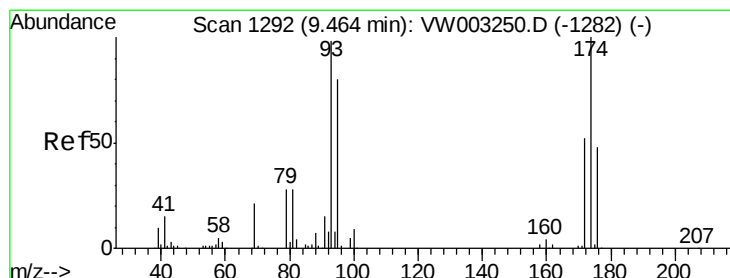
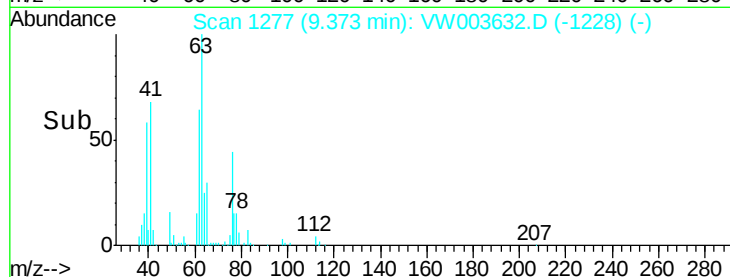
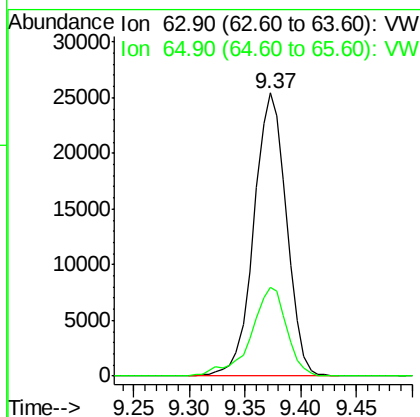
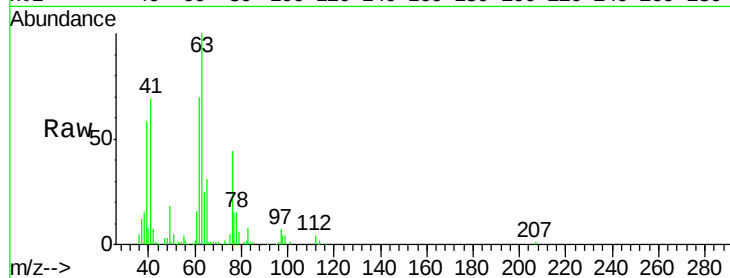
#45
 1,2-Dichloropropane
 Concen: 22.72 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.1	37.7

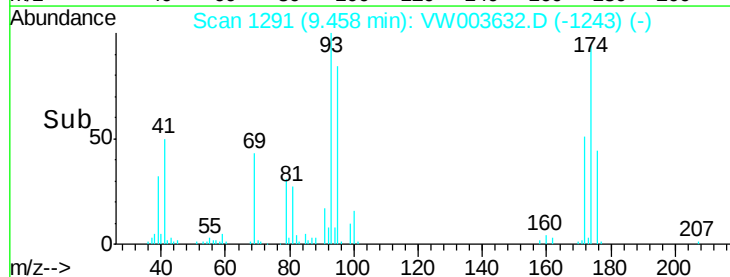
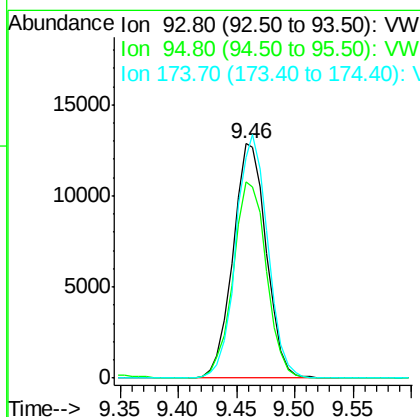
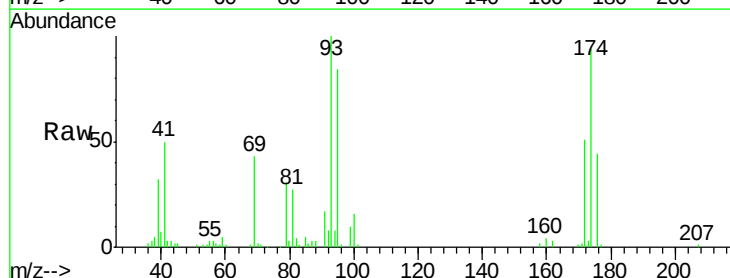
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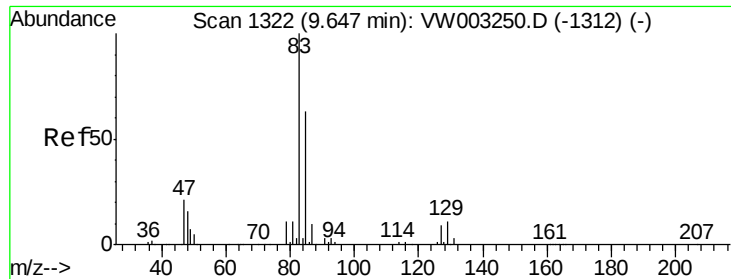
apatel
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#46
 Dibromomethane
 Concen: 21.92 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.8	98.8
174	99.1	81.4	122.0





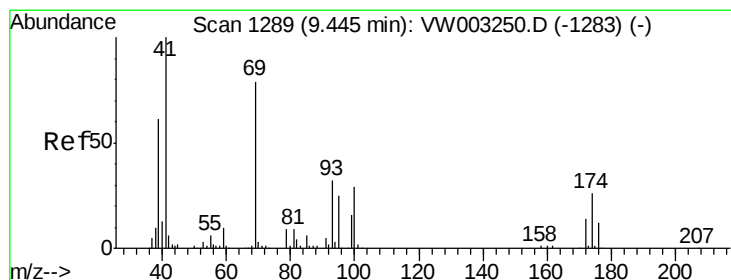
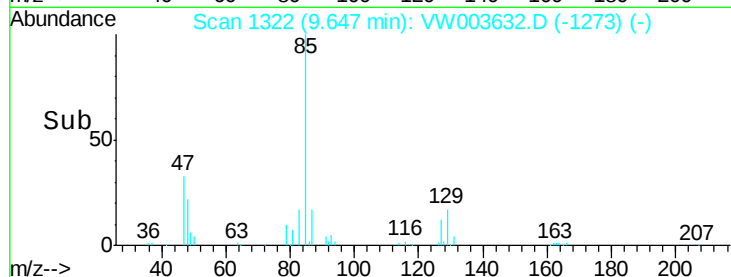
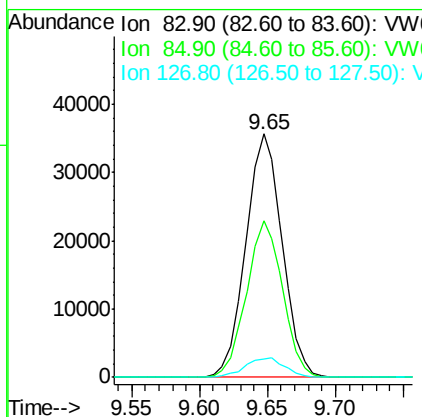
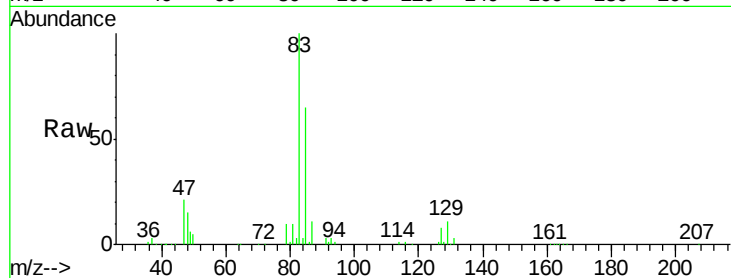
#47
Bromodichloromethane
Concen: 22.28 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	83	Resp	66770
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	50.6	75.8
127	7.7	6.8	10.2

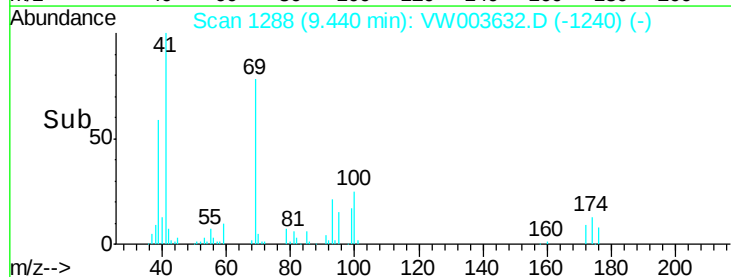
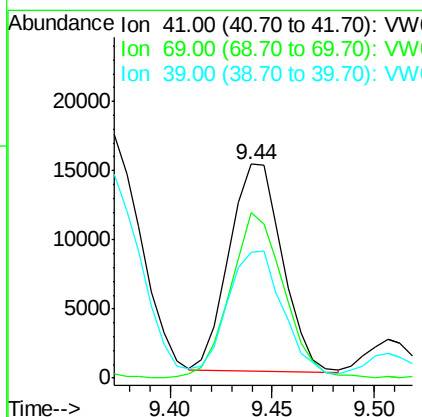
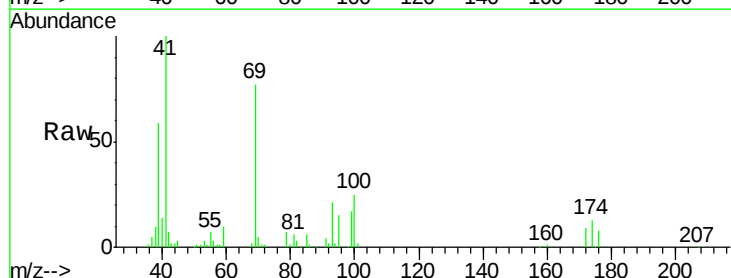
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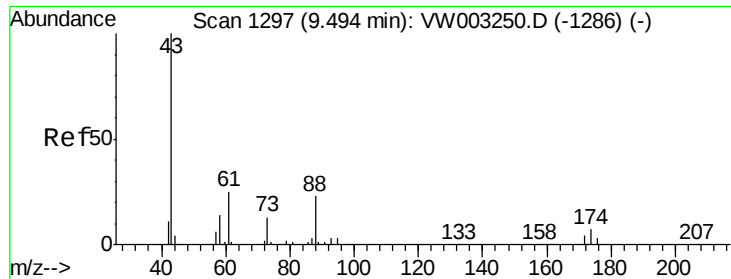
apatel
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#48
Methyl methacrylate
Concen: 21.55 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	41	Resp	27101
Ion Ratio	100	Lower	Upper
41	100		
69	80.4	65.4	98.2
39	64.5	54.2	81.2





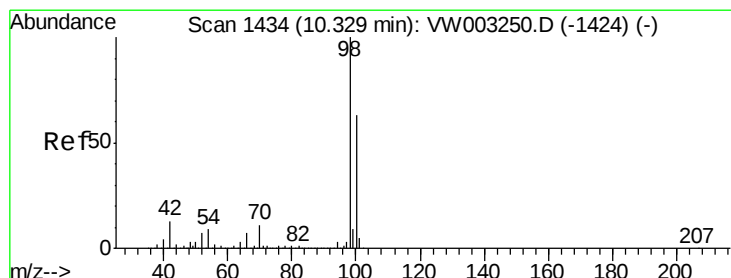
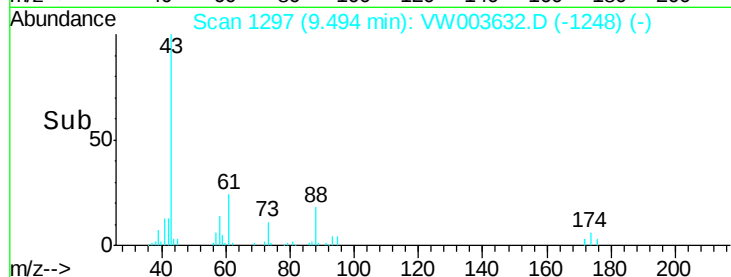
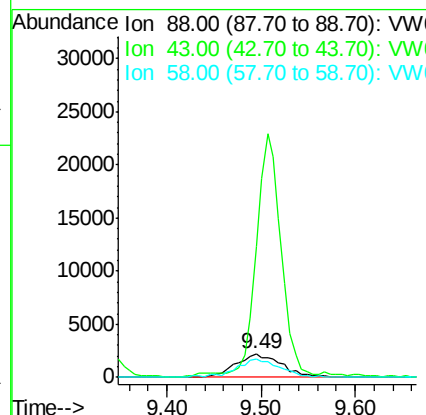
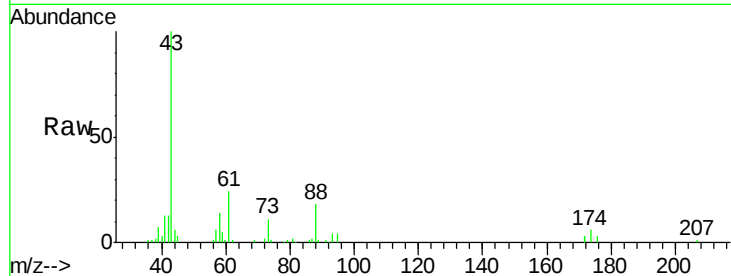
#49
 1,4-Dioxane
 Concen: 419.95 ug/l
 RT: 9.49 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	88	Resp	7412
Ion	Ratio	Lower	Upper
88	100		
43	559.0	454.7	682.1
58	75.1	58.6	88.0

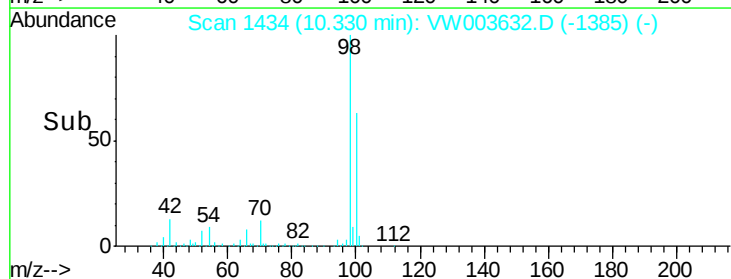
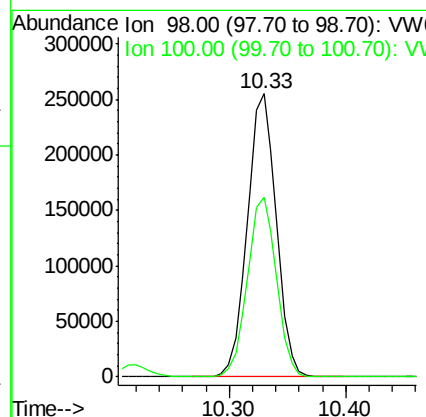
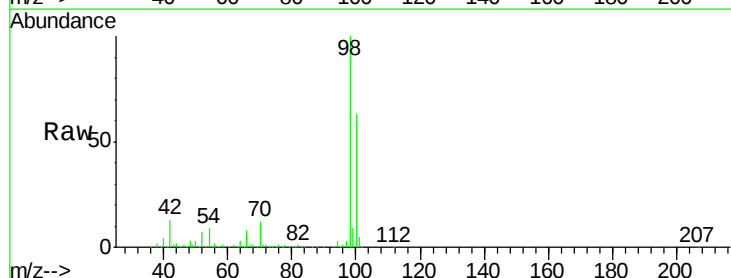
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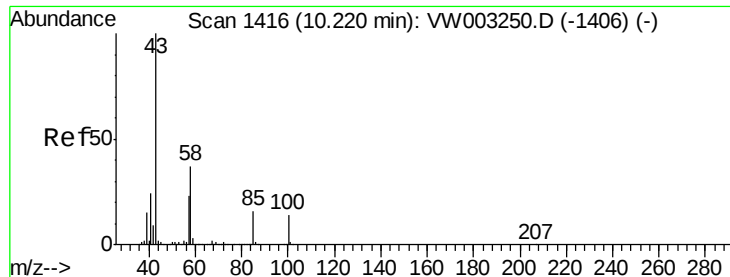
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#50
 Toluene-d8
 Concen: 53.31 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion	98	Resp	442424
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 104.93 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampled :

VW0628SBS01

Tot Ion: 43 Resp: 143080

Ion Ratio Lower Upper

43 100

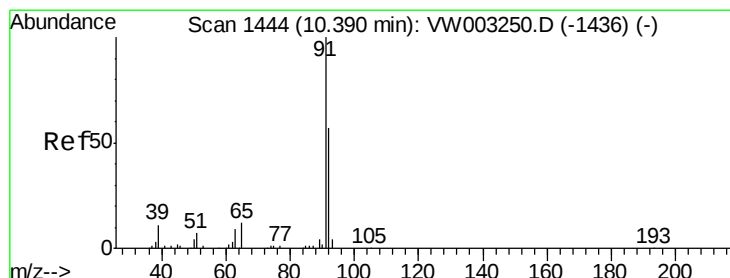
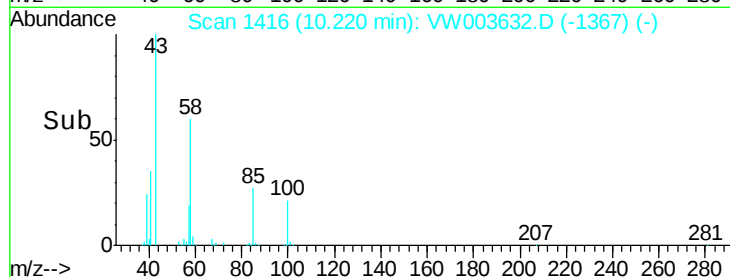
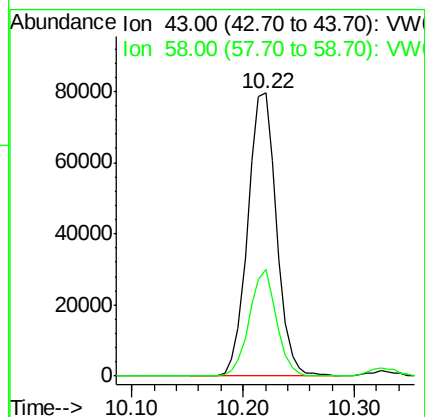
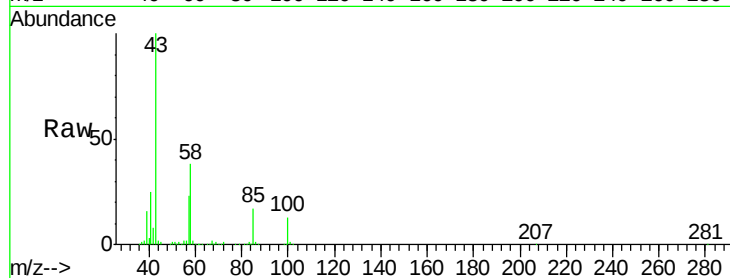
58 35.5 29.0 43.4

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#52

Toluene

Concen: 22.78 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003632.D

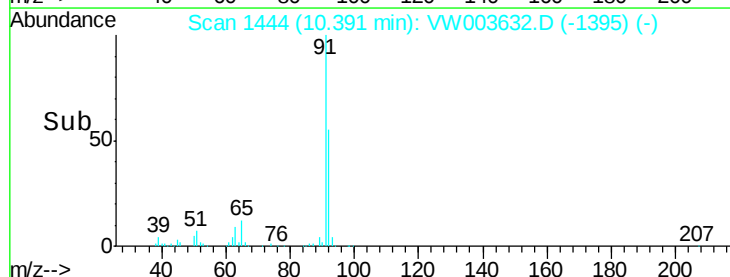
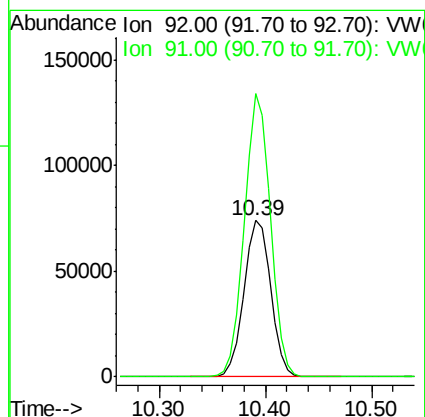
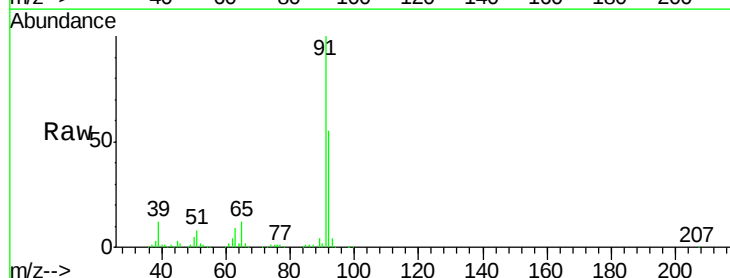
Acq: 28 Jun 2018 12:31

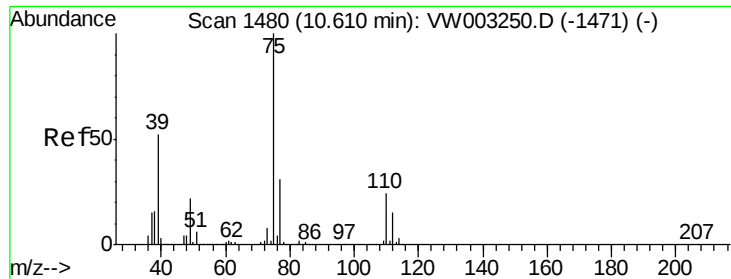
Tgt Ion: 92 Resp: 130991

Ion Ratio Lower Upper

92 100

91 176.8 141.1 211.7





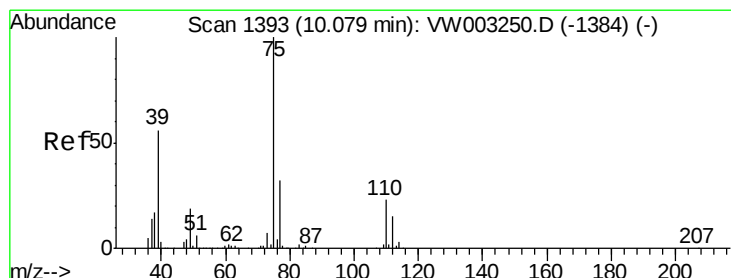
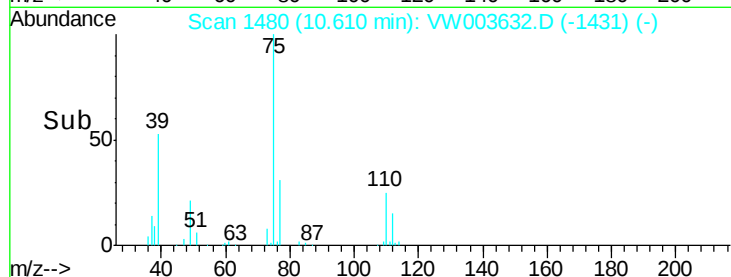
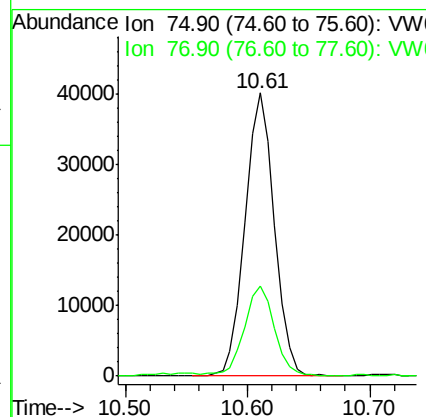
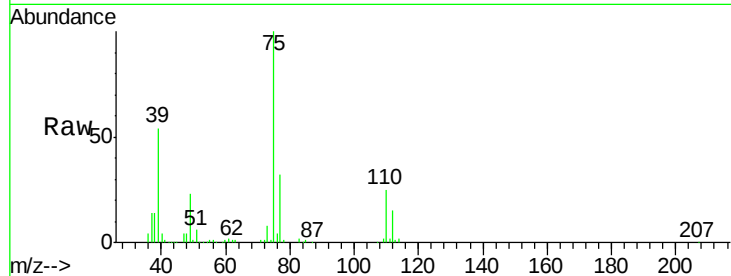
#53
t-1,3-Dichloropropene
Concen: 21.78 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.9	37.3

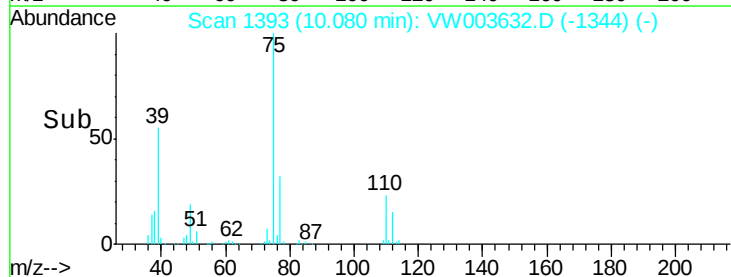
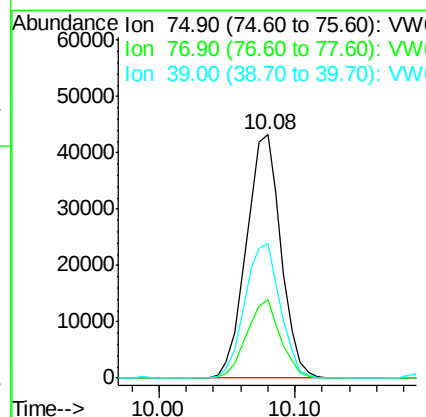
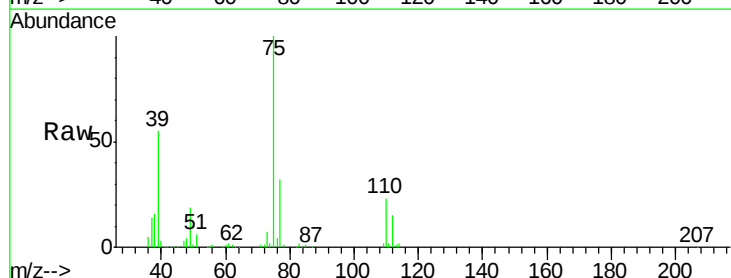
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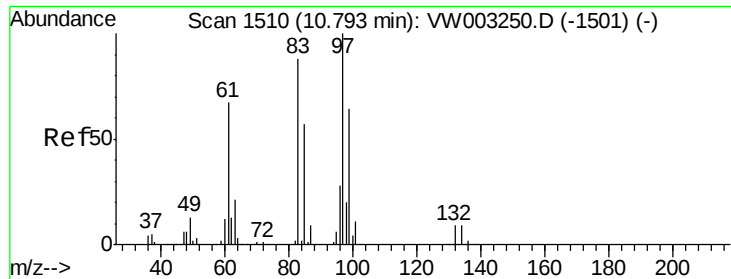
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#54
cis-1,3-Dichloropropene
Concen: 22.08 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.6
39	55.1	45.2	67.8





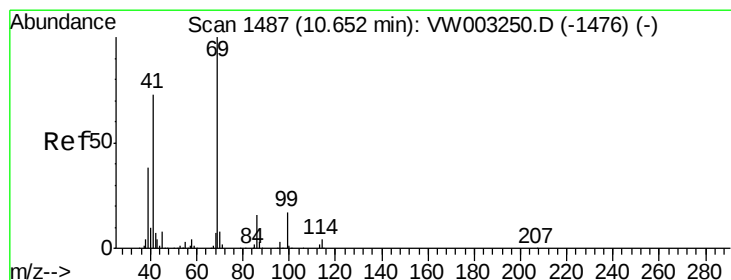
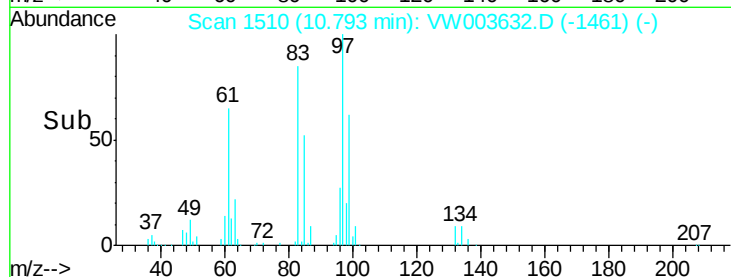
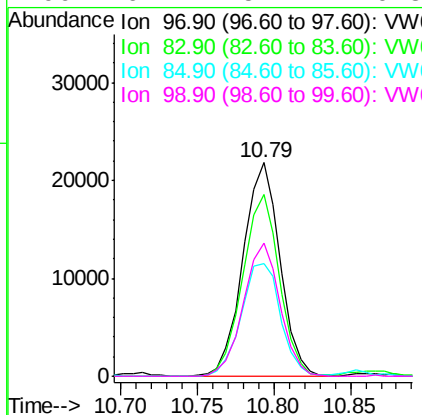
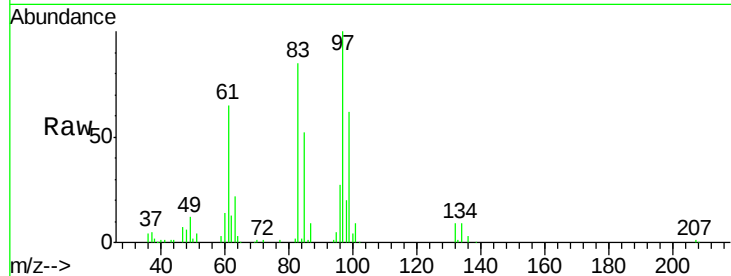
#55
 1,1,2-Trichloroethane
 Concen: 22.31 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		36751		
83	85.0	70.2	105.2		
85	52.5	45.6	68.4		
99	62.1	51.2	76.8		

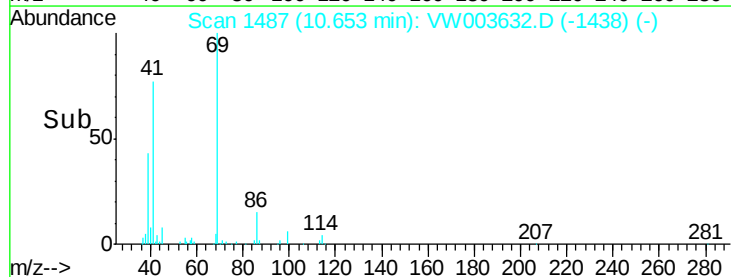
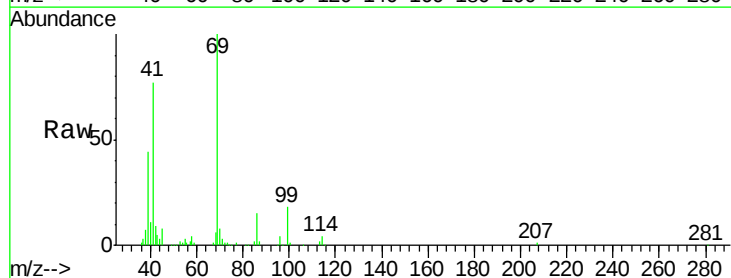
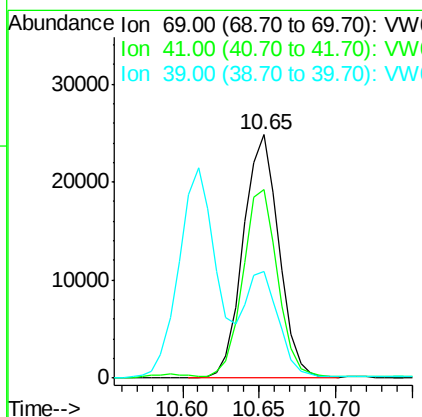
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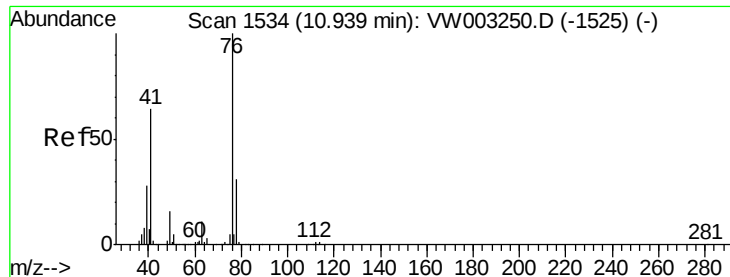
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#56
 Ethyl methacrylate
 Concen: 20.14 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		40281		
41	75.4	57.8	86.6		
39	40.2	32.7	49.1		





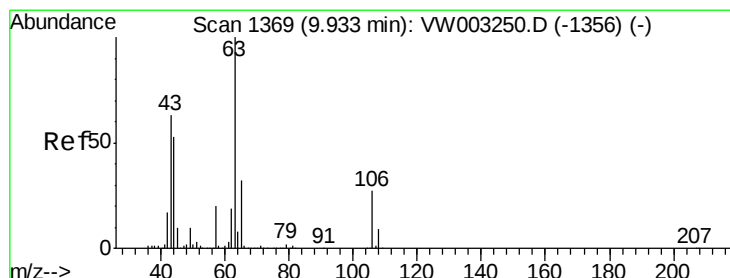
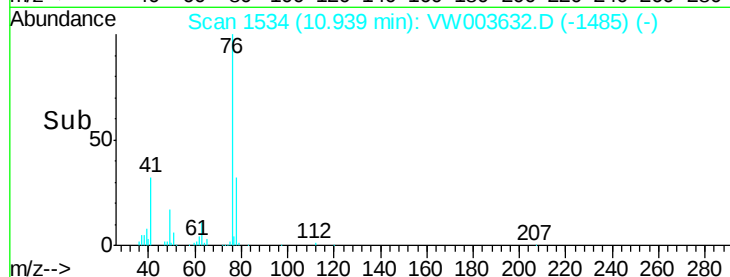
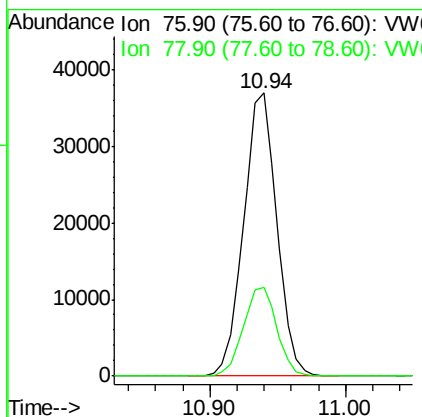
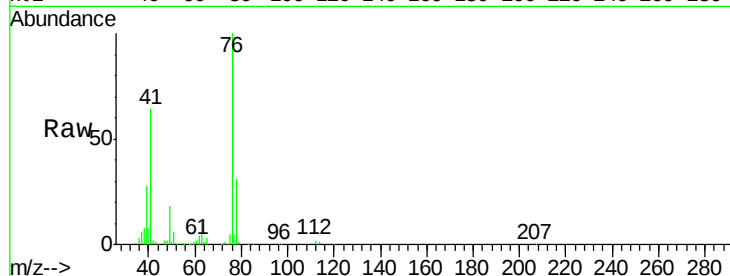
#57
 1,3-Dichloropropane
 Concen: 22.15 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion: 76 Resp: 62929
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5

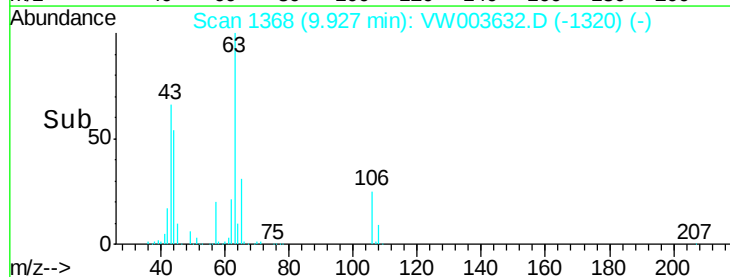
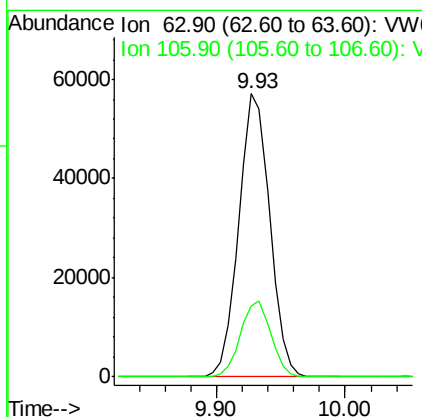
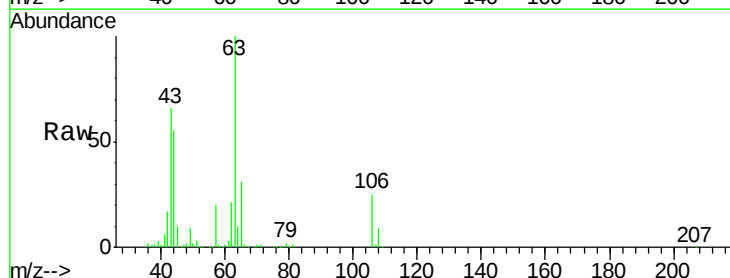
Manual Integrations
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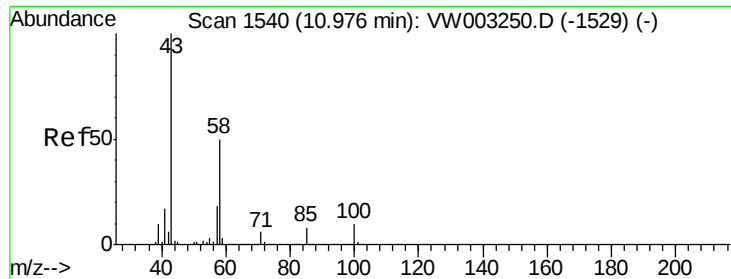
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.05 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion: 63 Resp: 95089
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.8 32.8





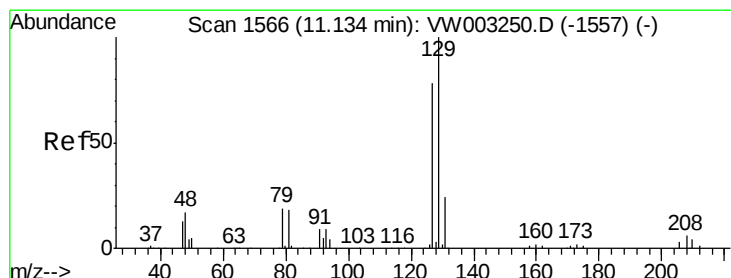
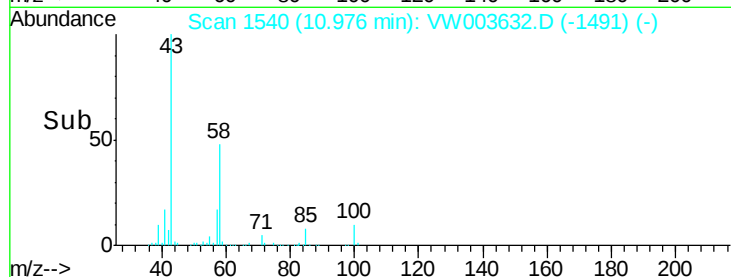
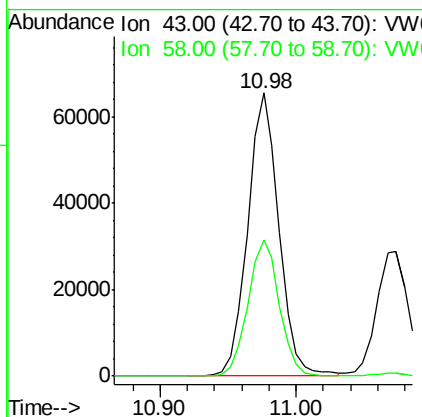
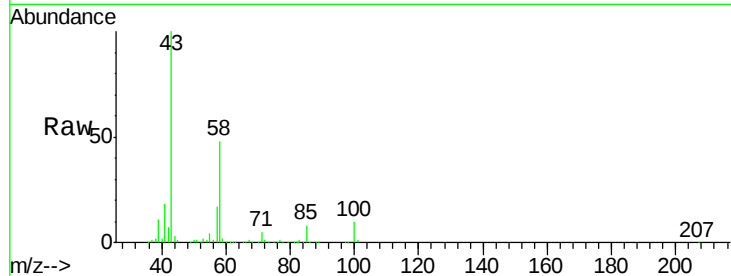
#59
2-Hexanone
Concen: 110.51 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion: 43 Resp: 105273
Ion Ratio Lower Upper
43 100
58 48.5 25.0 75.0

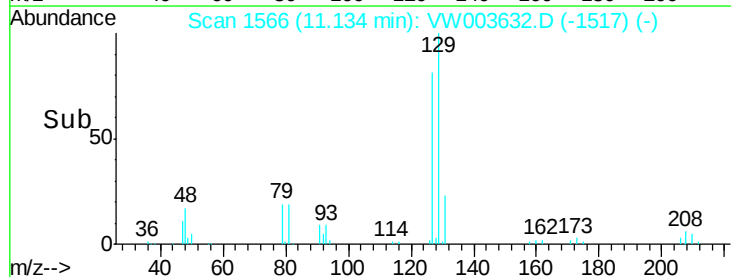
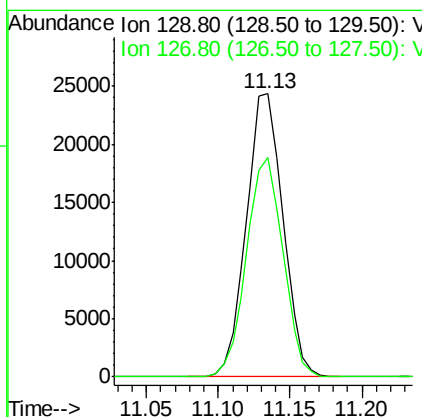
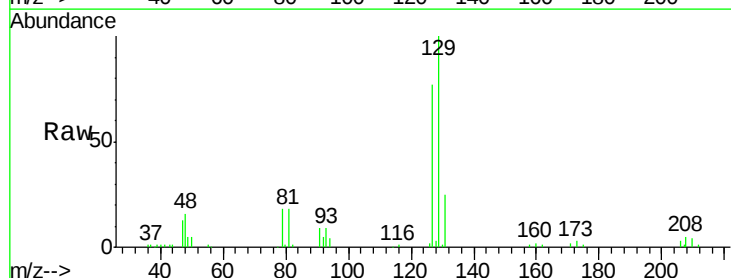
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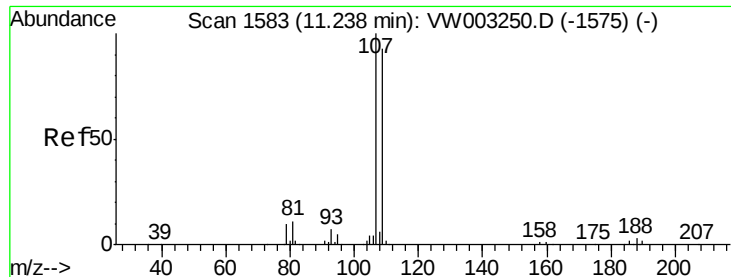
apatel
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#60
Dibromochloromethane
Concen: 21.93 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 129 Resp: 42963
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.5





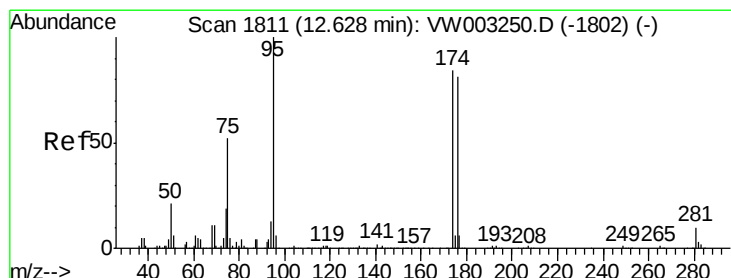
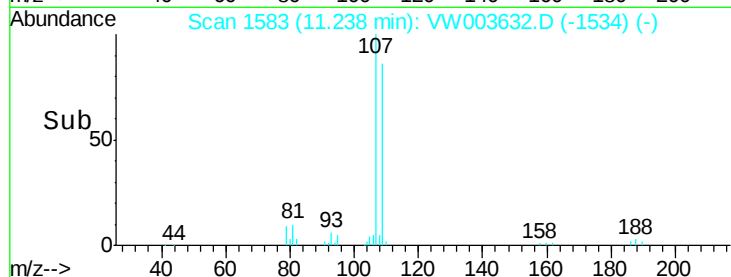
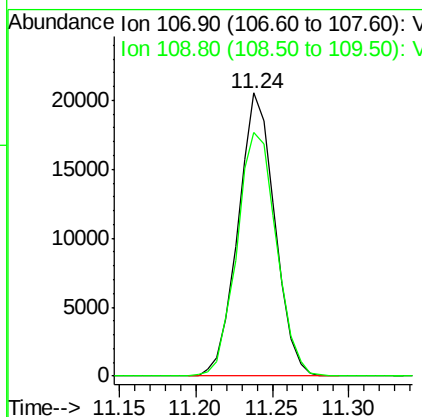
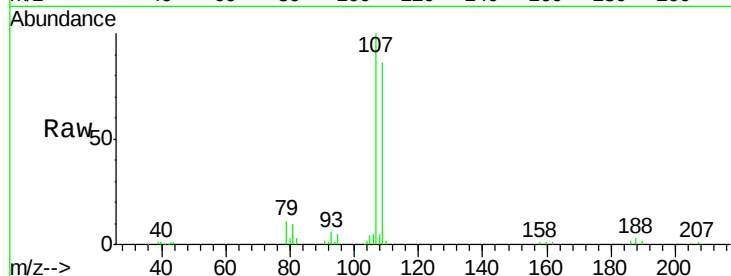
#61
 1,2-Dibromoethane
 Concen: 21.91 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion: 107 Resp: 34134
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.8 113.6

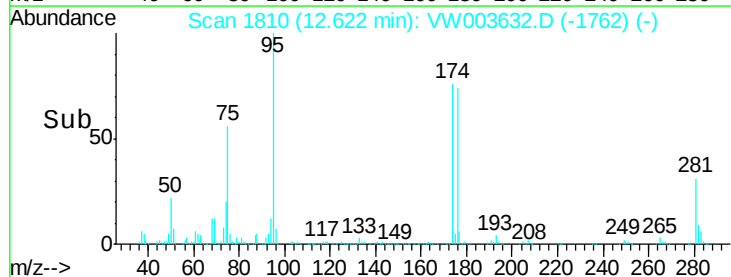
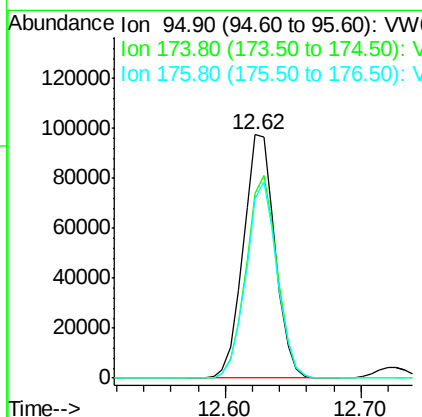
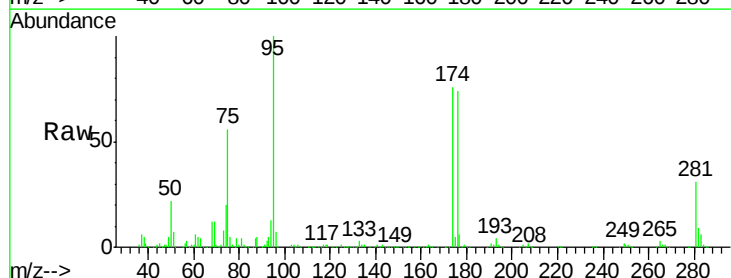
Manual Integrations
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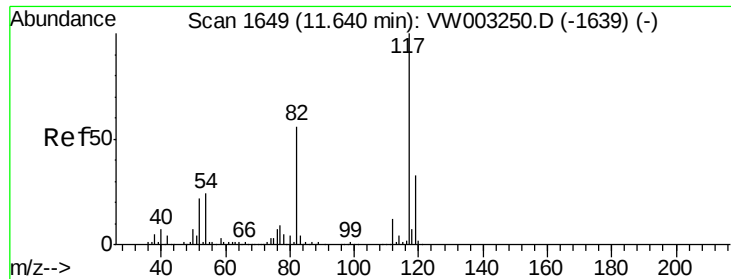
apatel
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#62
 4-Bromofluorobenzene
 Concen: 54.00 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion: 95 Resp: 158599
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 166.4
 176 78.8 0.0 162.0





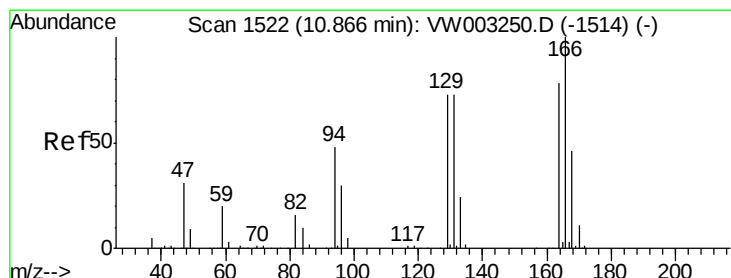
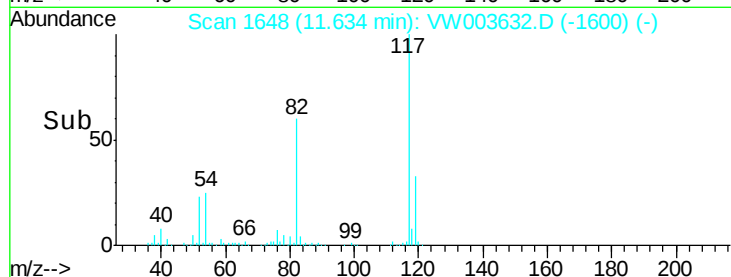
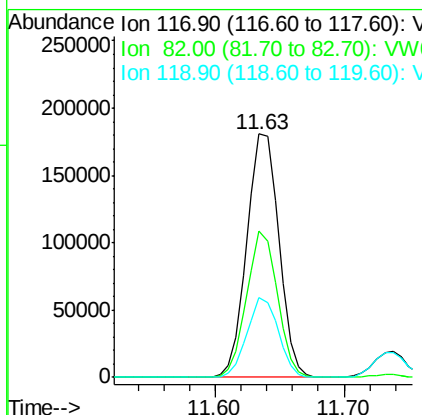
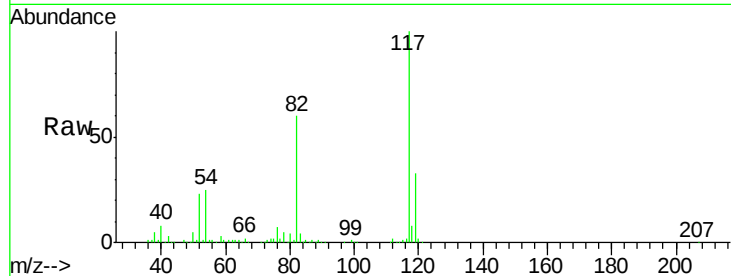
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	310993		
82	60.0		44.6	67.0
119	32.8		26.7	40.1

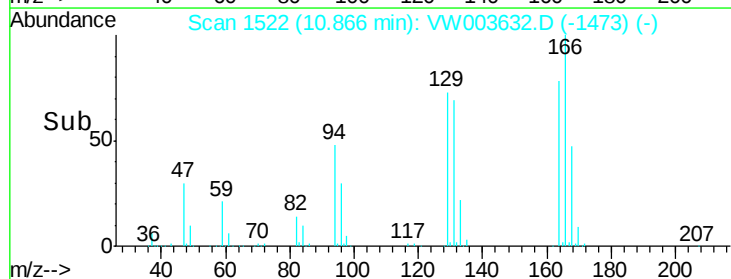
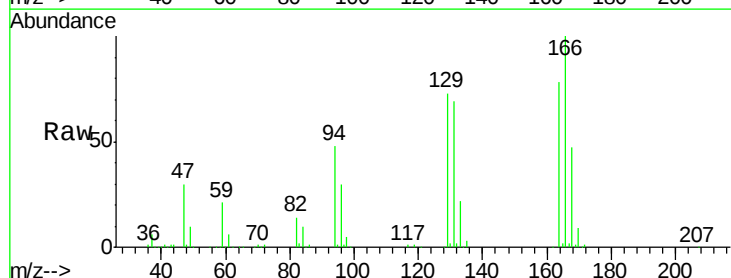
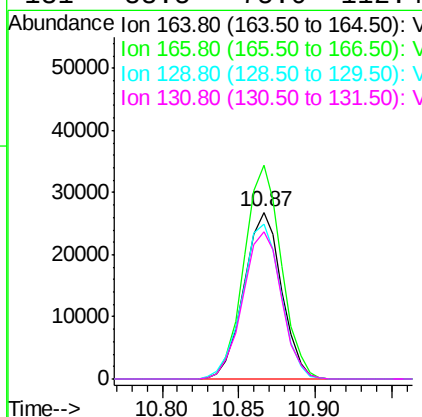
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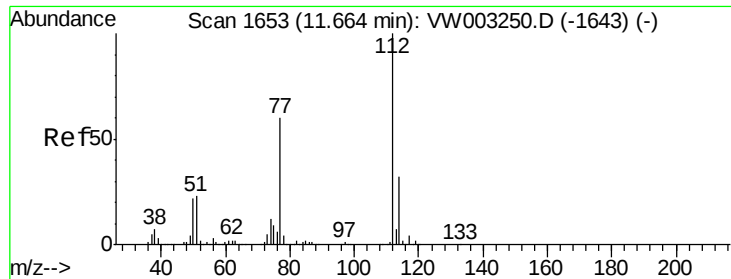
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#64
Tetrachloroethene
Concen: 22.07 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	45904		
166	128.3		102.6	154.0
129	93.2		75.2	112.8
131	88.5		75.0	112.4





#65

Chlorobenzene

Concen: 22.11 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion:112 Resp: 143163

Ion Ratio Lower Upper

112 100

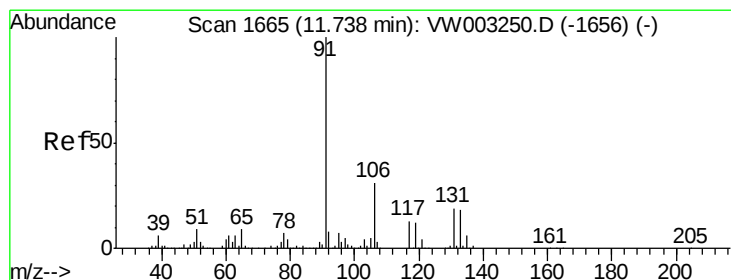
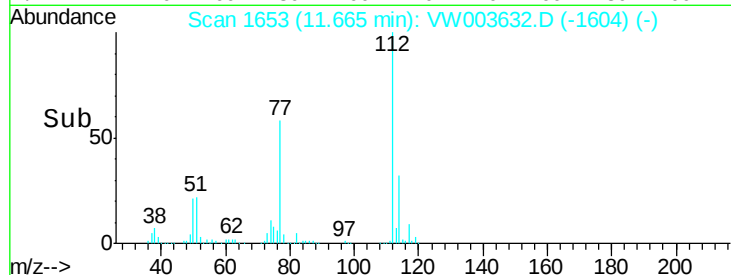
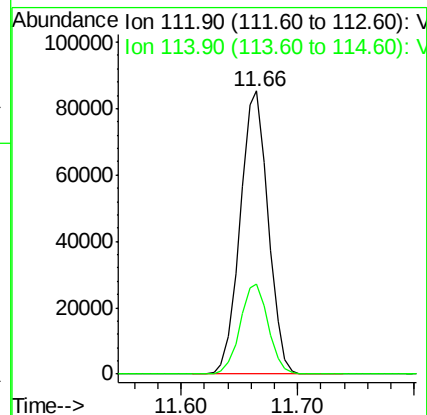
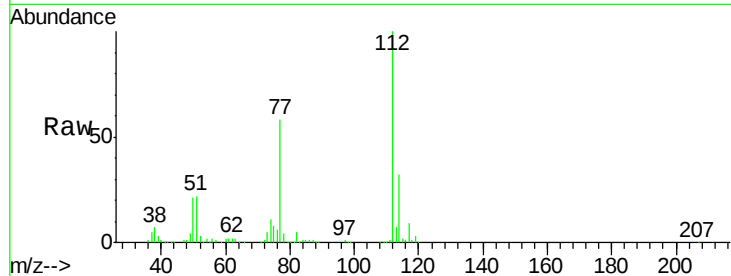
114 31.8 25.9 38.9

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.52 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

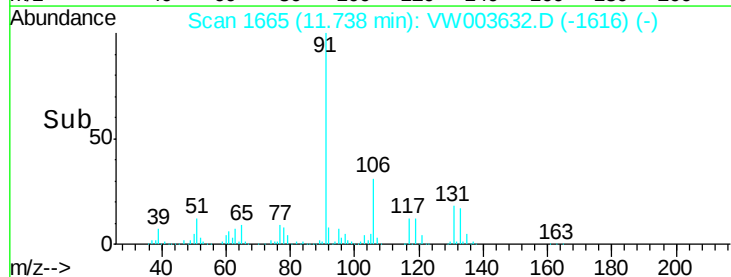
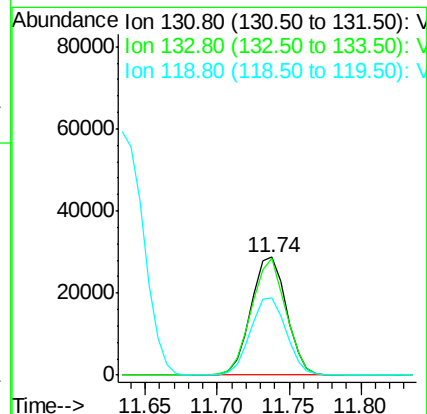
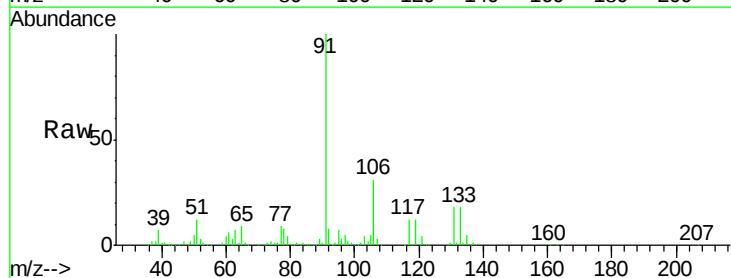
Tgt Ion:131 Resp: 48975

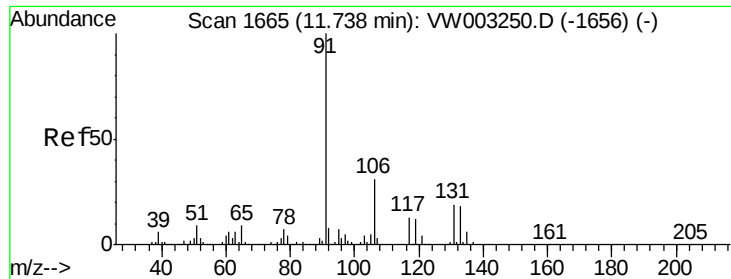
Ion Ratio Lower Upper

131 100

133 96.1 47.3 142.0

119 66.3 32.5 97.4





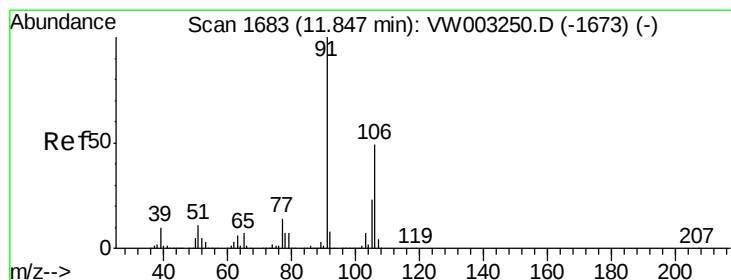
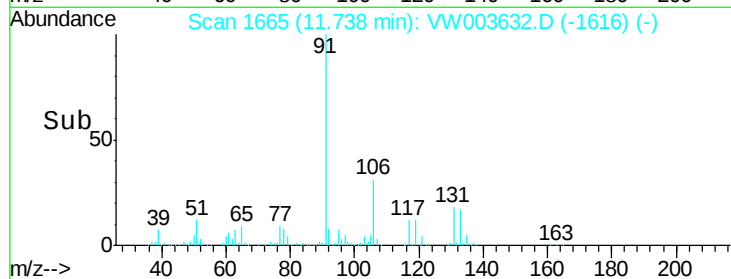
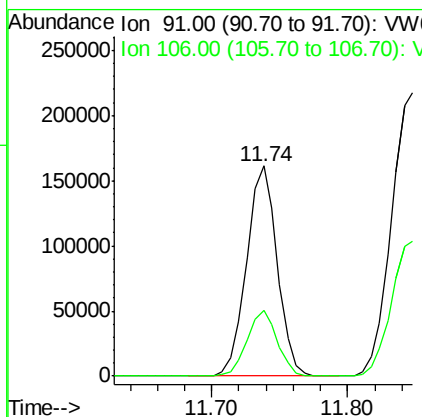
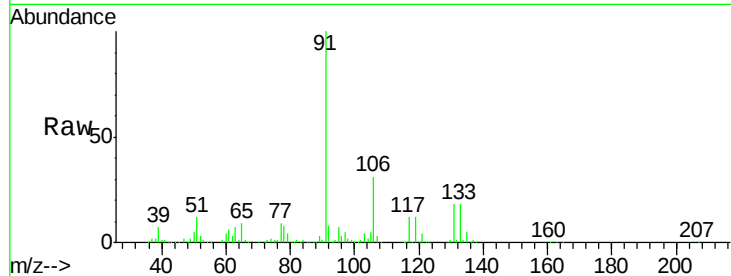
#67
Ethyl Benzene
Concen: 22.13 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion: 91 Resp: 254056
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1

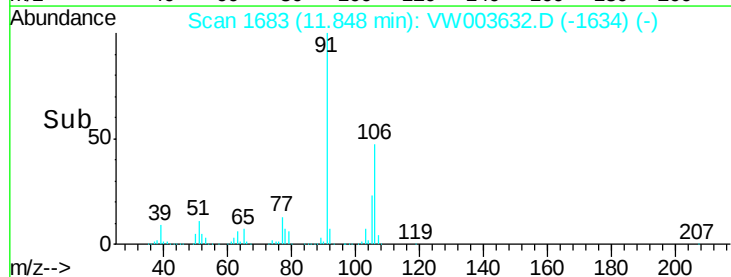
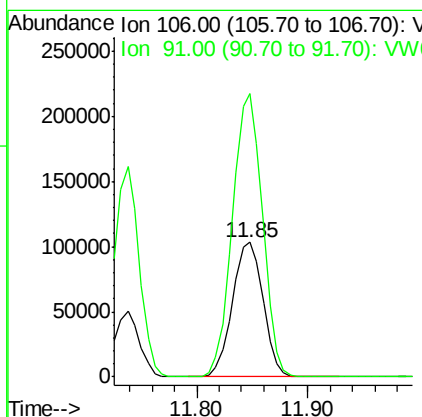
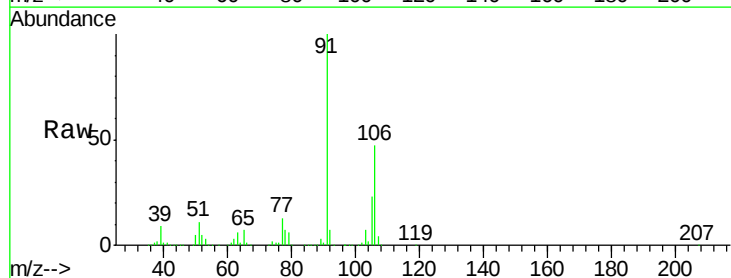
Manual Integrations
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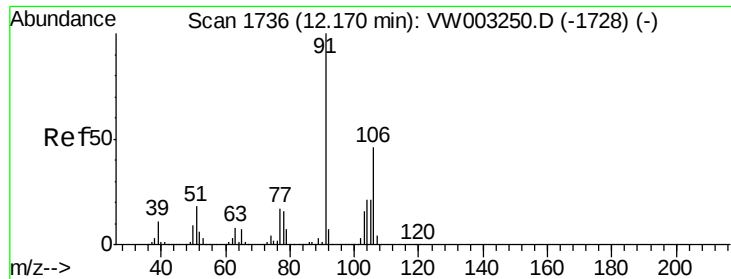
apatel
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#68
m/p-Xylenes
Concen: 45.00 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 106 Resp: 196362
Ion Ratio Lower Upper
106 100
91 206.6 165.4 248.0





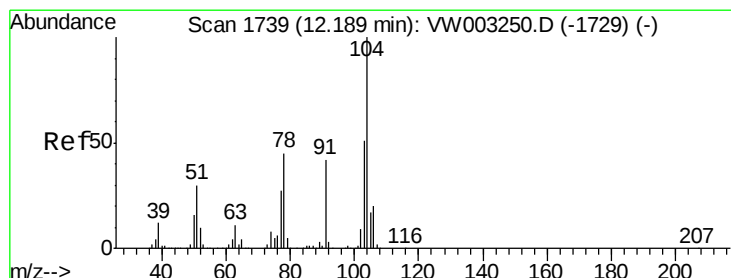
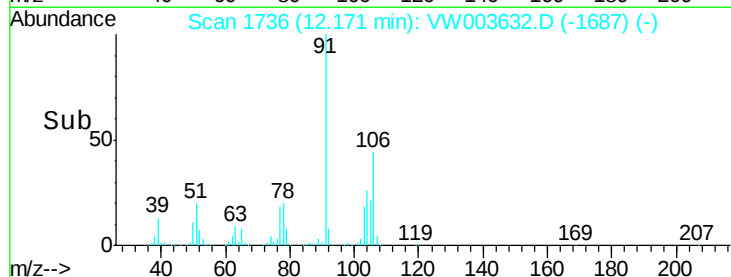
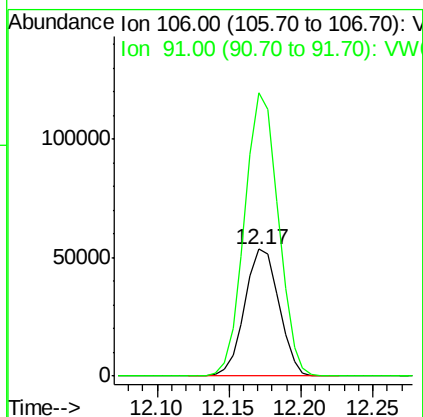
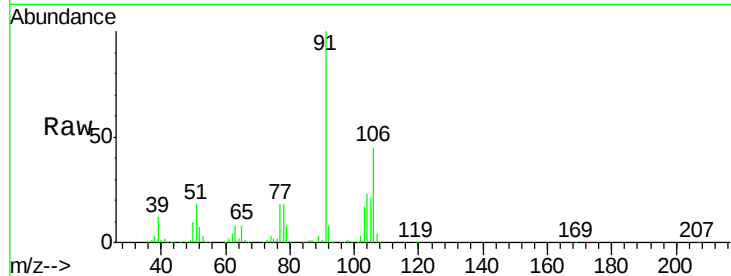
#69
o-Xylene
Concen: 21.88 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion:106 Resp: 88480
Ion Ratio Lower Upper
106 100
91 219.7 108.6 325.6

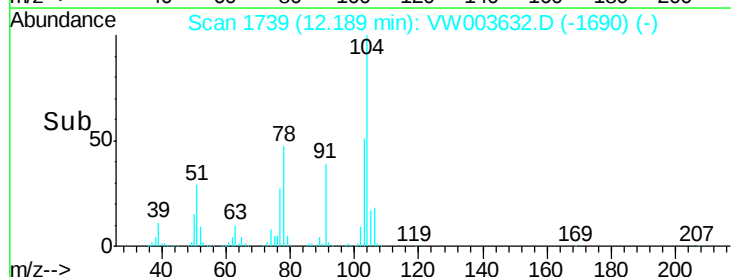
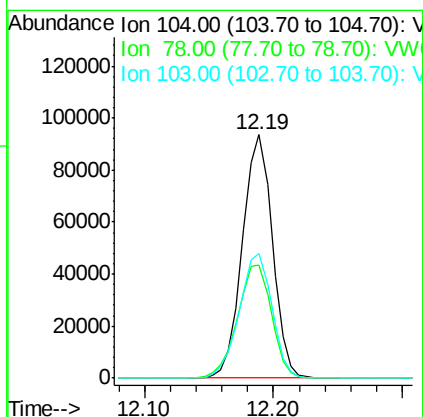
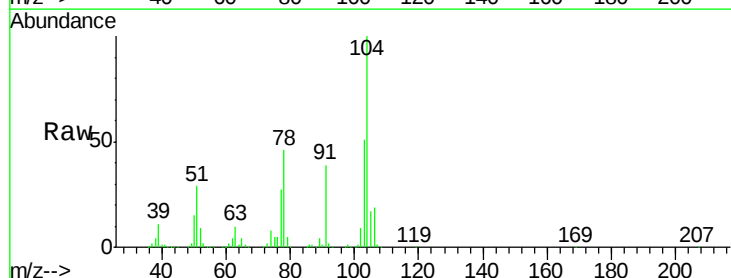
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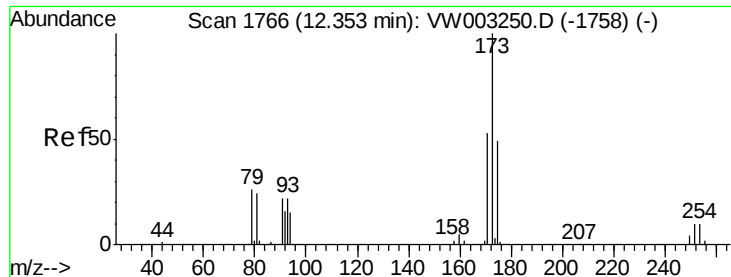
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#70
Styrene
Concen: 22.41 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion:104 Resp: 150851
Ion Ratio Lower Upper
104 100
78 53.0 41.3 61.9
103 56.0 45.0 67.4





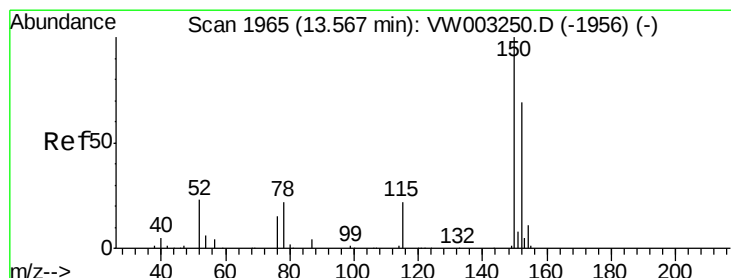
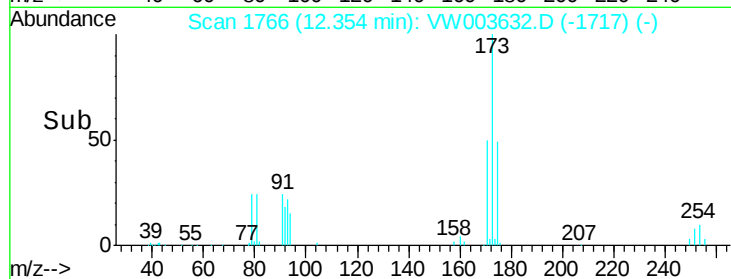
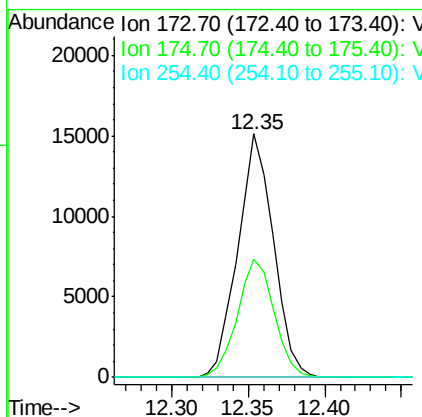
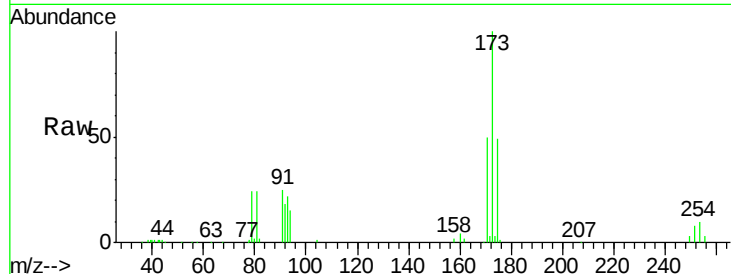
#71
Bromoform
Concen: 20.72 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.4	73.4
254	0.0	0.1	0.1#

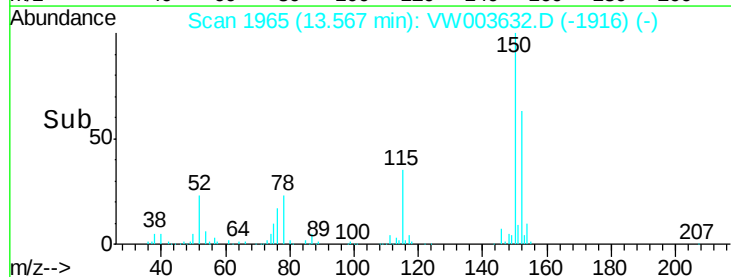
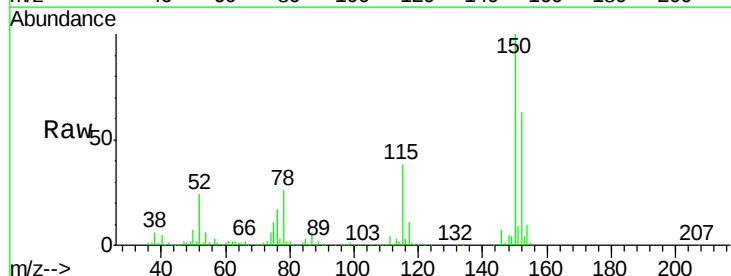
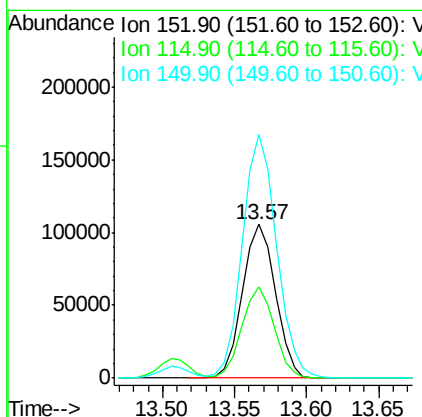
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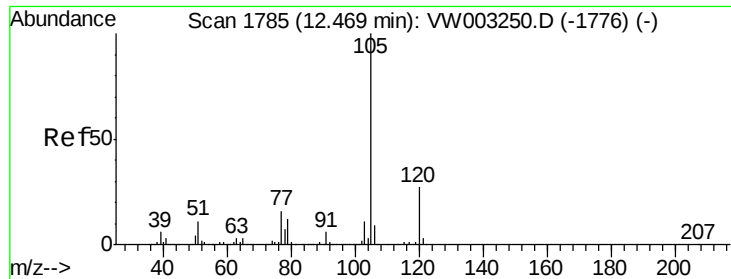
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	88.0
150	163.7	0.0	349.6





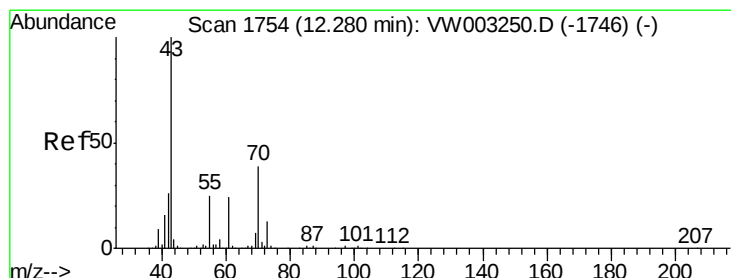
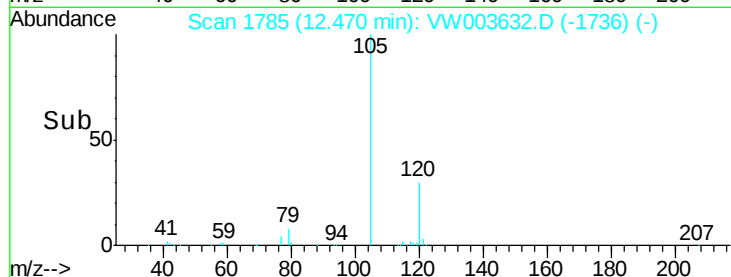
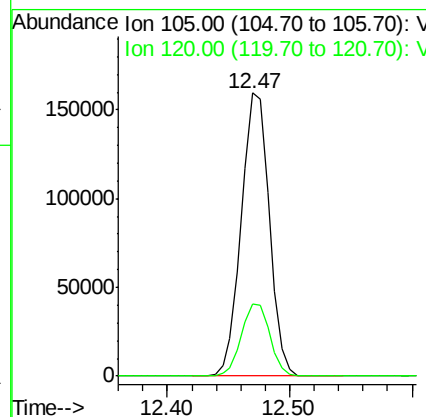
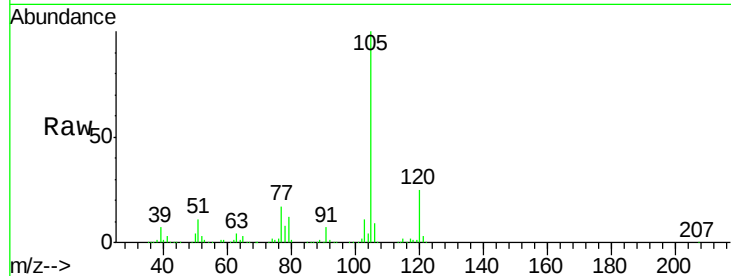
#73
Isopropylbenzene
Concen: 21.68 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

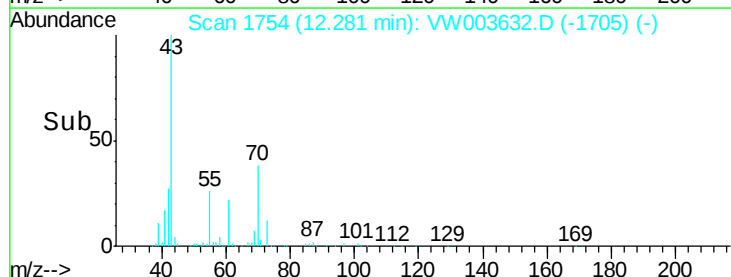
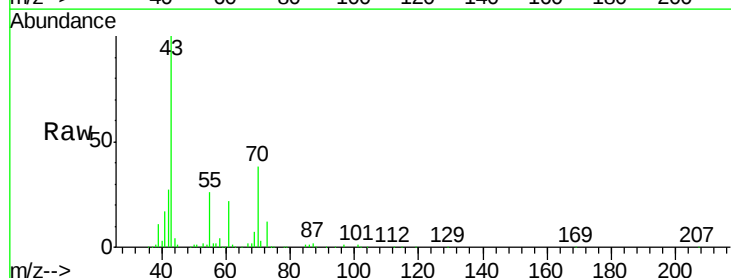
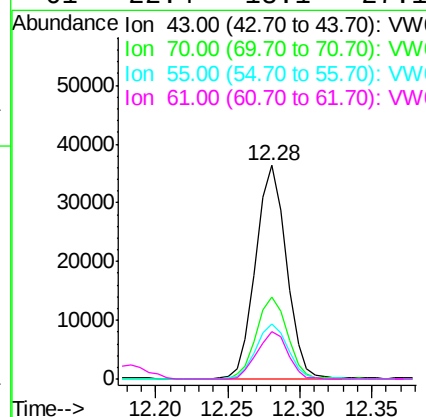
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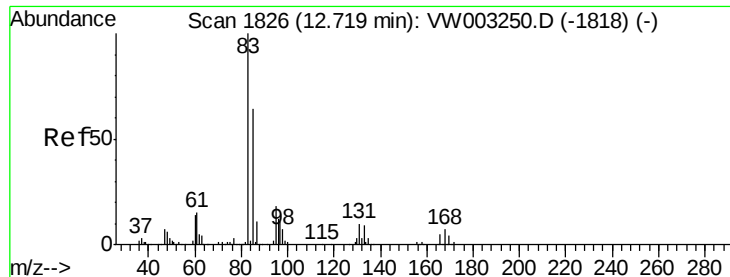
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#74
N-ethyl acetate
Concen: 20.24 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.2	31.0	46.6
55	26.6	19.7	29.5
61	22.4	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.54 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

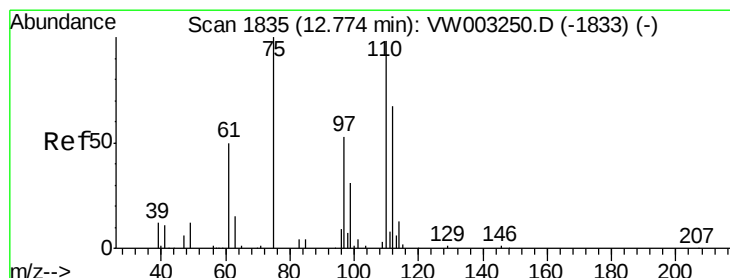
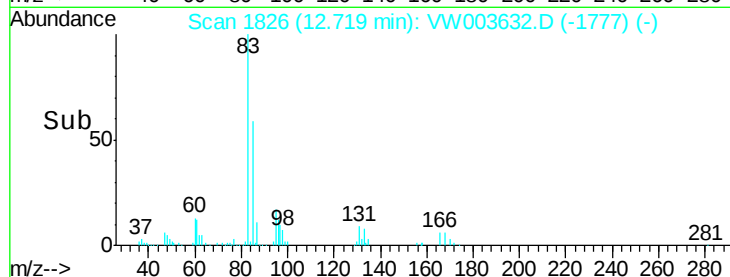
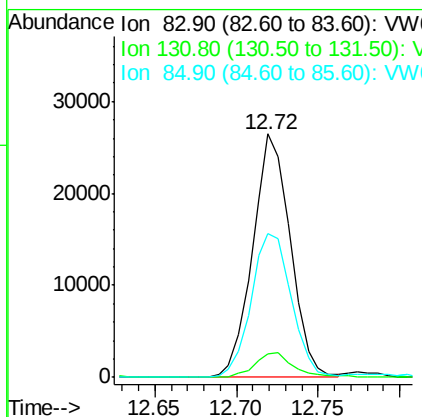
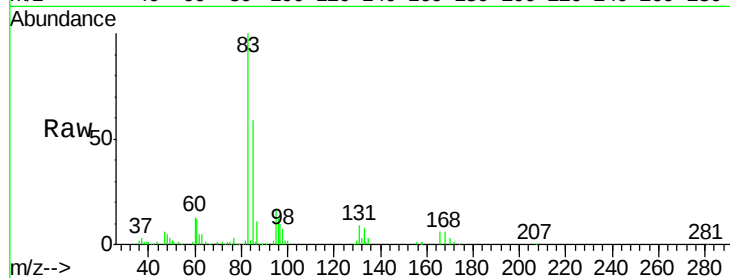
ClientSampleId :

VW0628SBS01

Tot Ion:	83	Resp:	42487
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	62.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 20.71 ug/l m

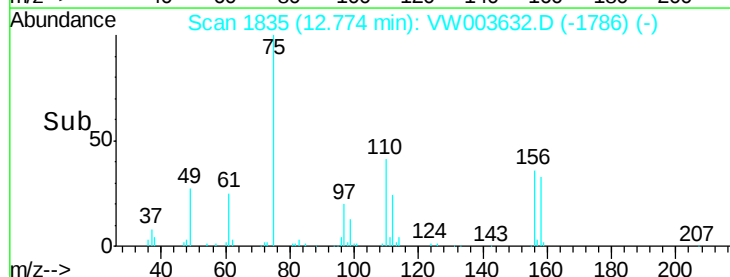
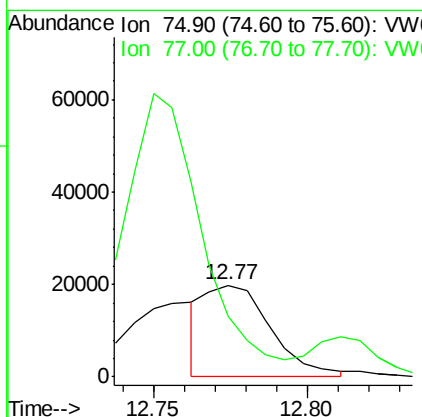
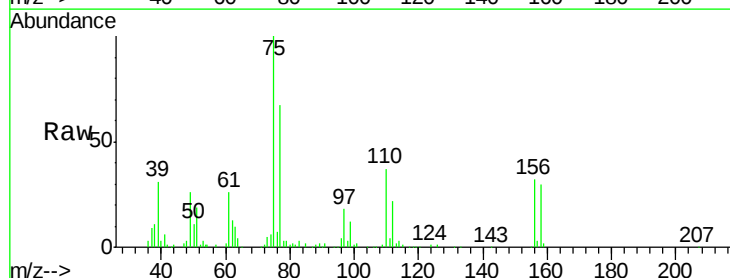
RT: 12.77 min Scan# 1835

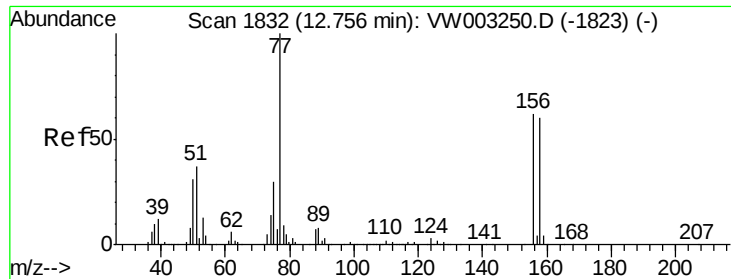
Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Tgt Ion:	75	Resp:	29682
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.71 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

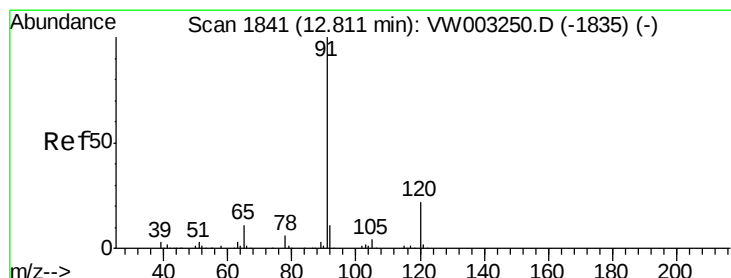
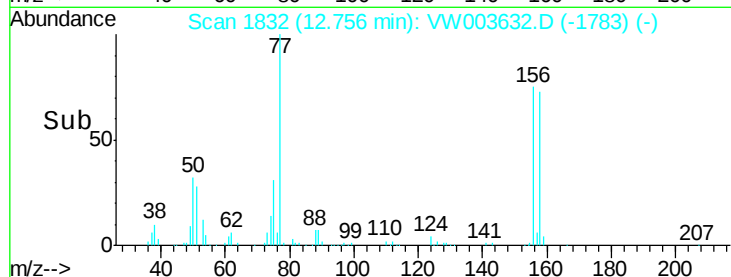
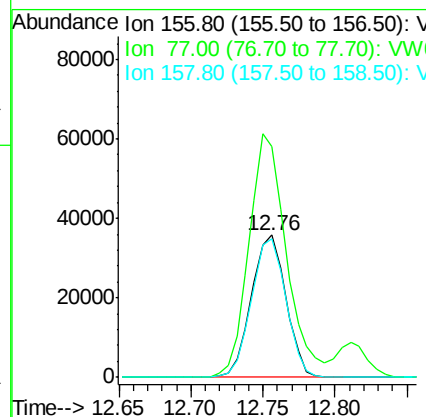
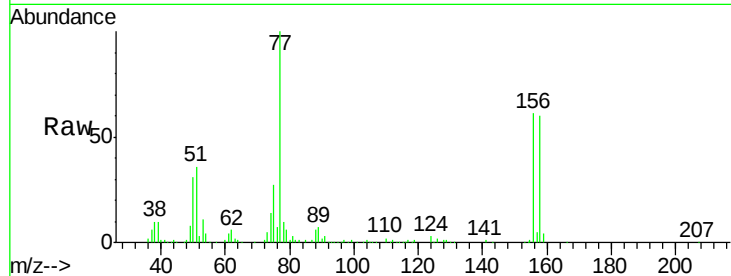
ClientSampled :

VW0628SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	186.2	92.3	276.9	
158	97.9	47.5	142.6	

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#78

n-propylbenzene

Concen: 22.52 ug/l

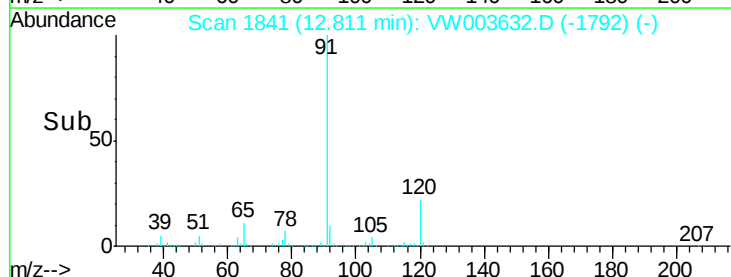
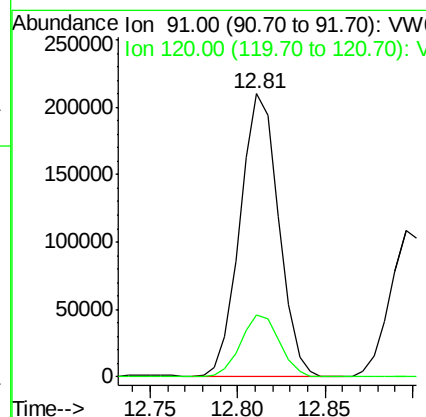
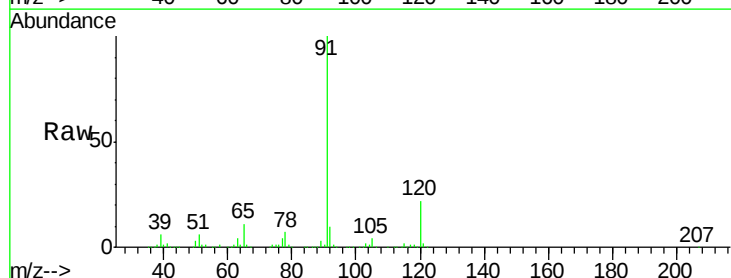
RT: 12.81 min Scan# 1841

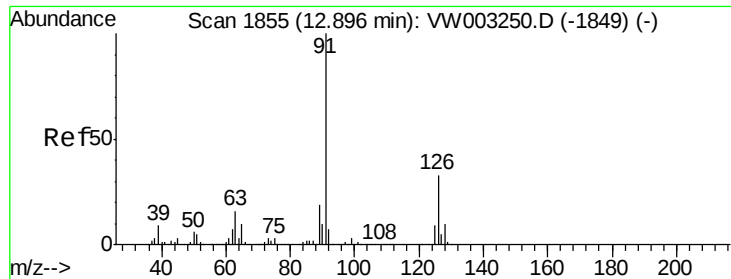
Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.2	11.3	33.8	





#79

2-Chlorotoluene

Concen: 22.01 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 91 Resp: 177624

Ion Ratio Lower Upper

91 100

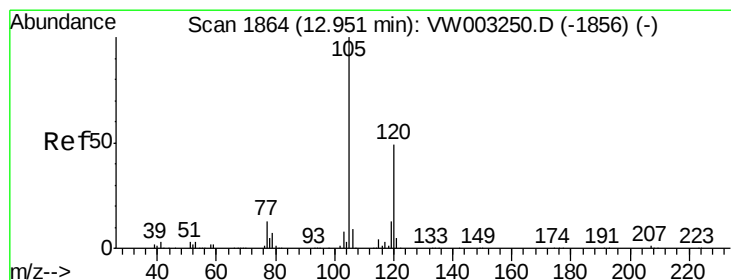
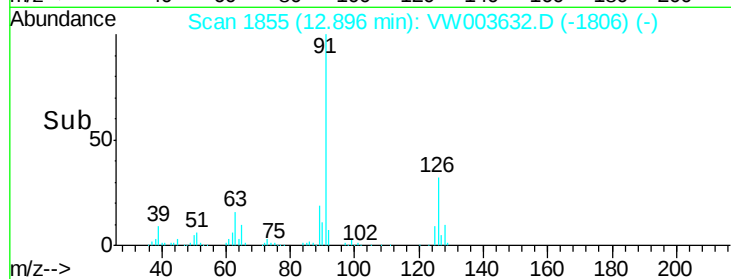
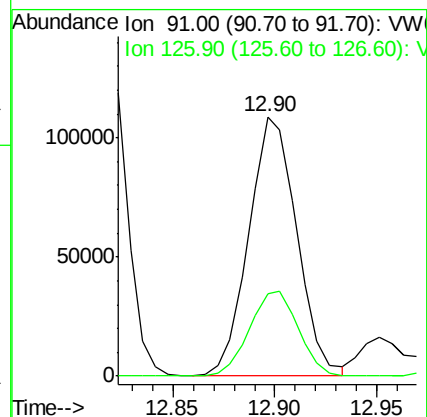
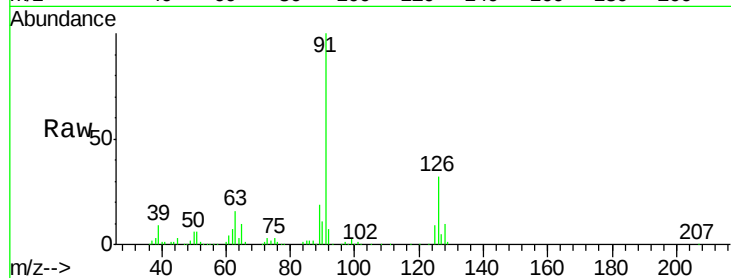
126 33.4 16.8 50.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 22.35 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003632.D

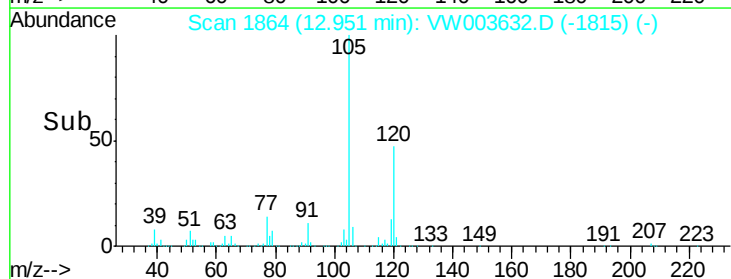
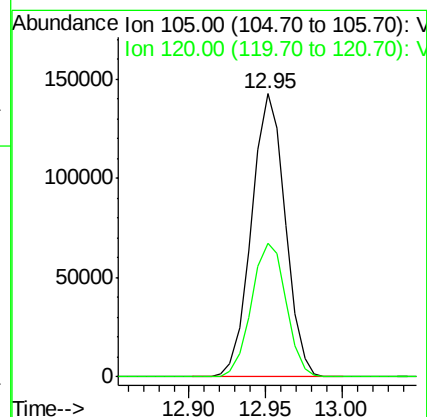
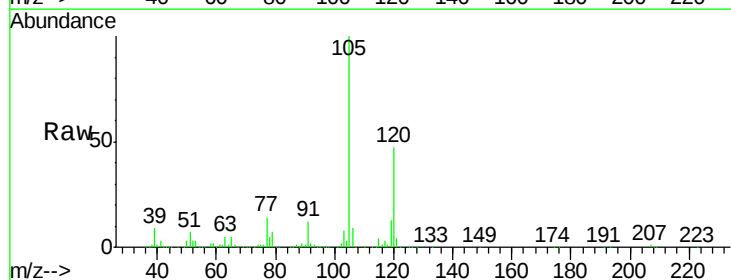
Acq: 28 Jun 2018 12:31

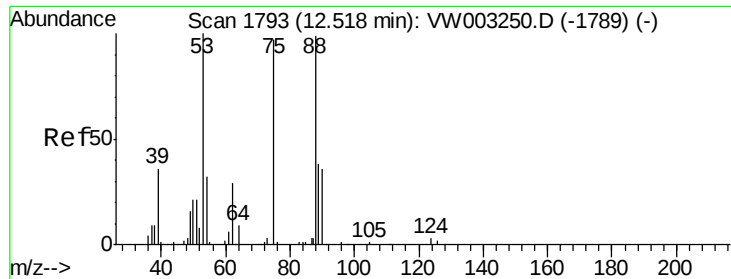
Tgt Ion:105 Resp: 218712

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.9





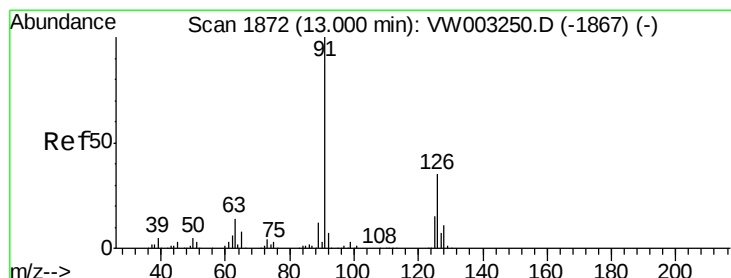
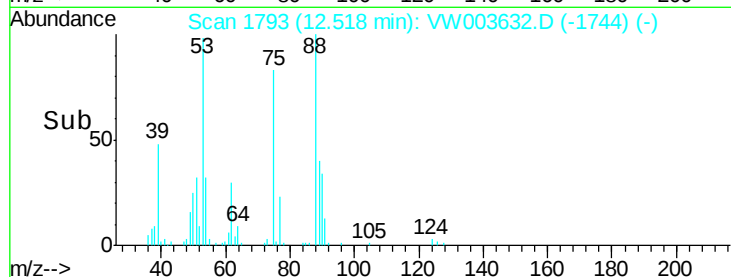
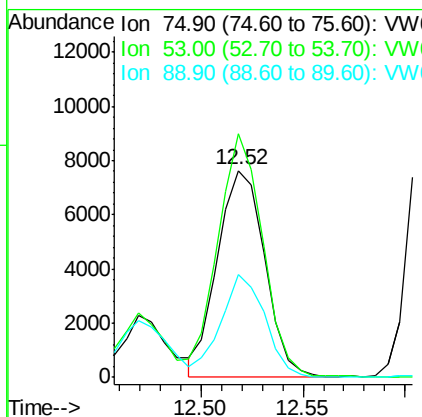
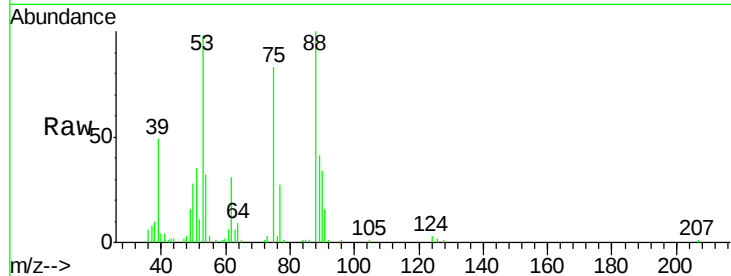
#81
trans-1,4-Dichloro-2-butene
Concen: 19.79 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.2	82.9	124.3
89	46.2	36.7	55.1

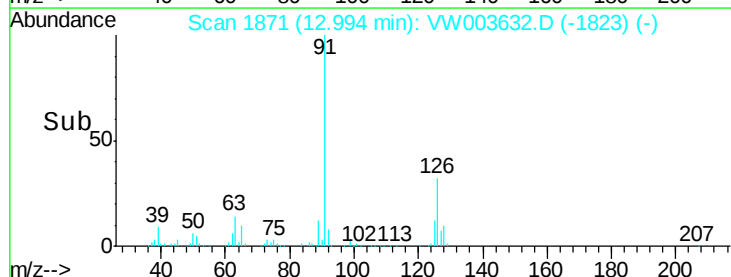
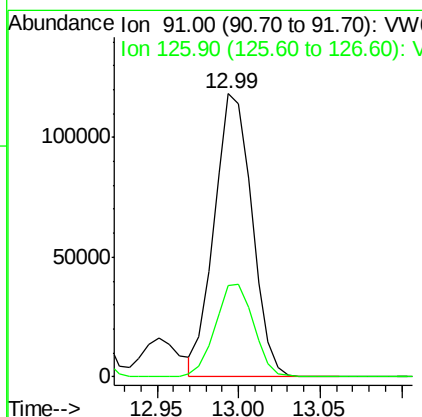
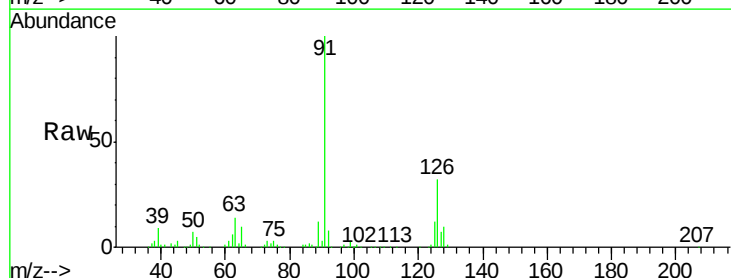
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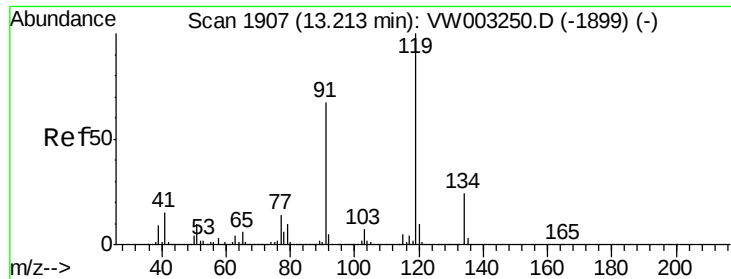
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#82
4-Chlorotoluene
Concen: 22.25 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.8	50.3





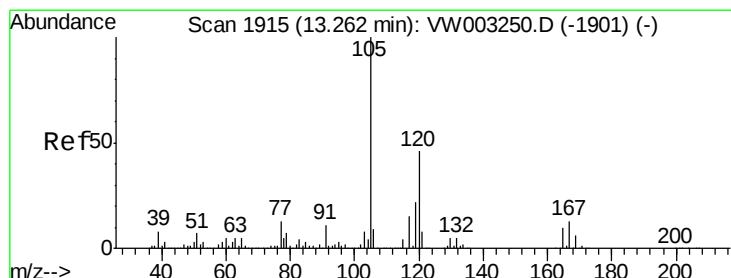
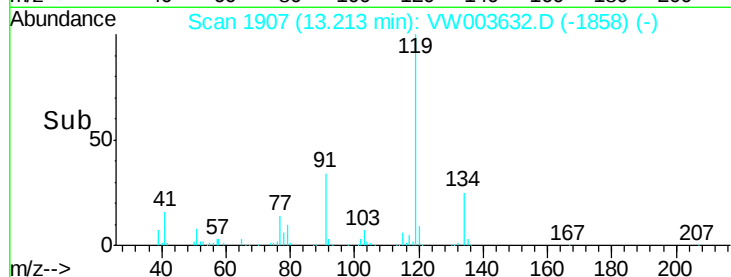
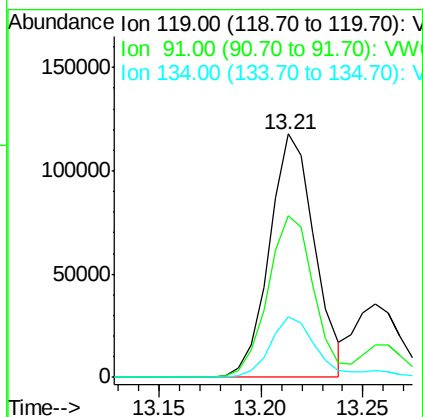
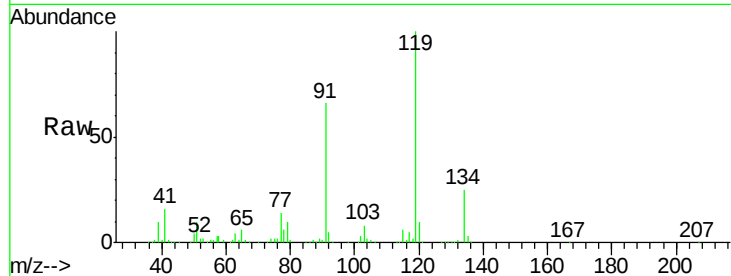
#83
tert-Butylbenzene
Concen: 21.81 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181936		
91	68.3	33.9	101.7	
134	26.8	13.4	40.1	

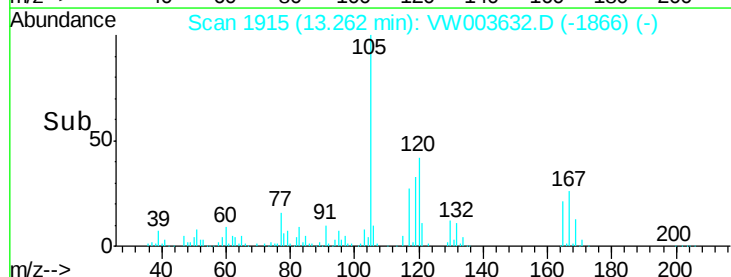
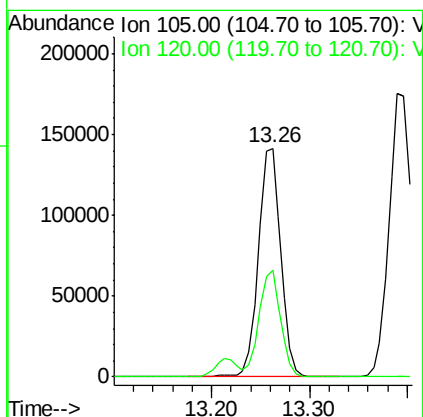
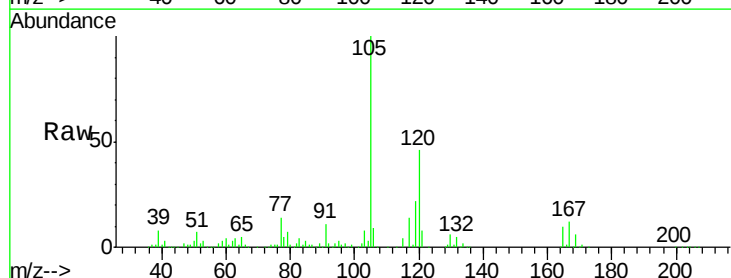
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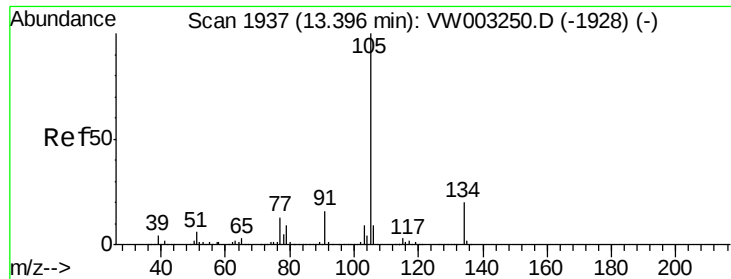
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#84
1,2,4-Trimethylbenzene
Concen: 22.39 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225364		
120	44.9	22.5	67.5	





#85

sec-Butylbenzene

Concen: 22.34 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion:105 Resp: 276944

Ion Ratio Lower Upper

105 100

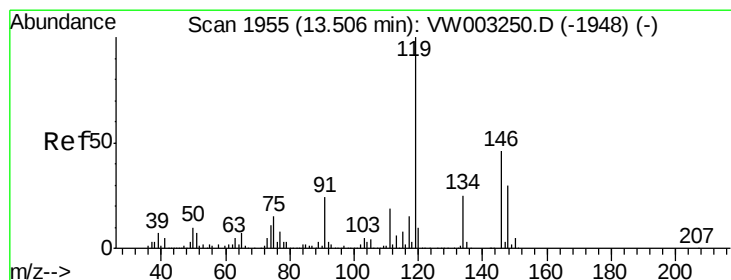
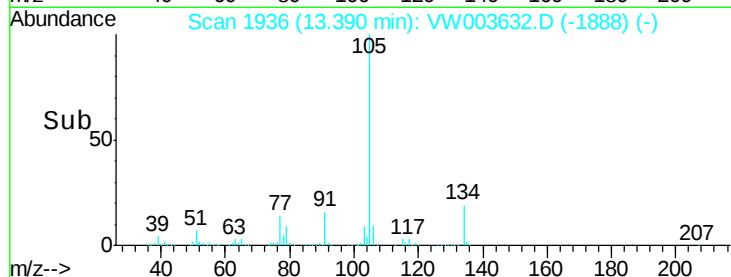
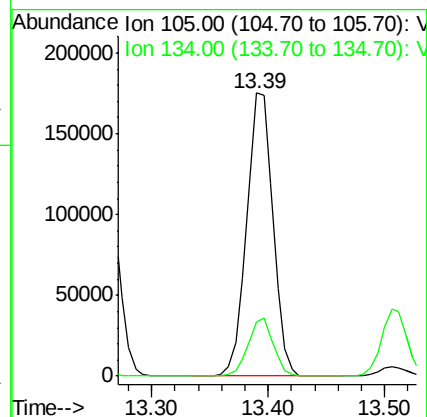
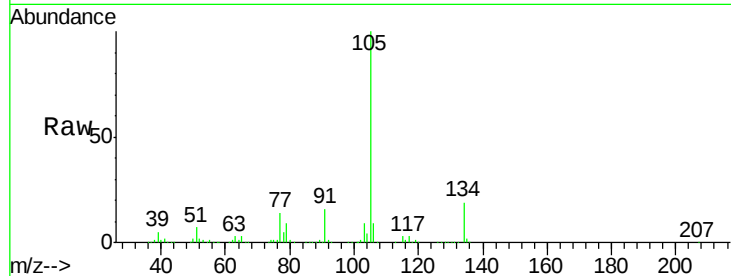
134 19.6 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 22.23 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

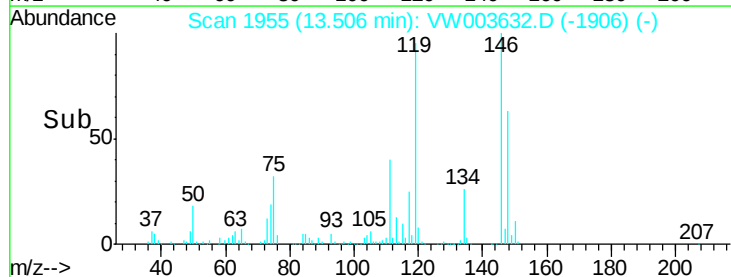
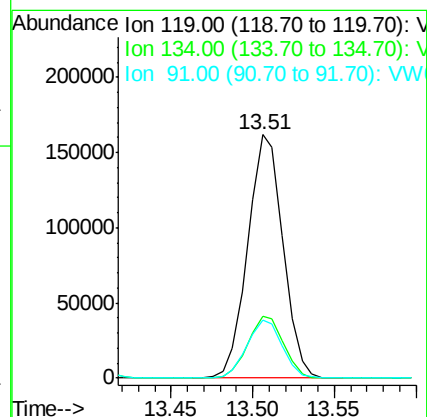
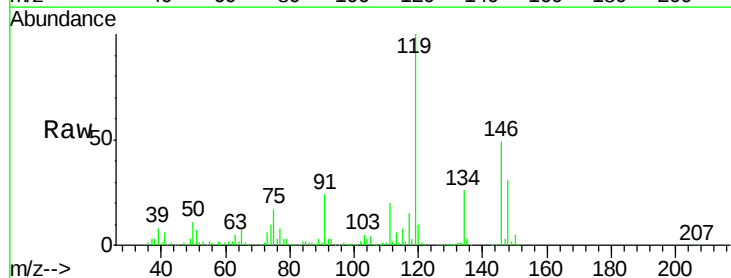
Tgt Ion:119 Resp: 243129

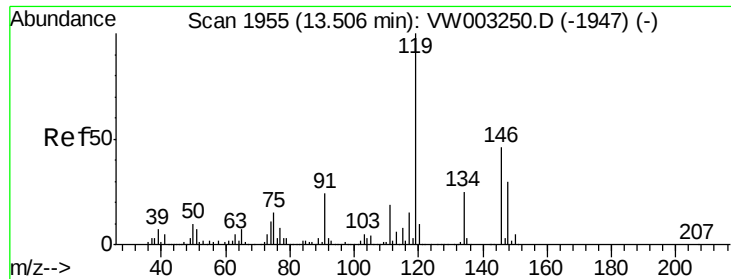
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 24.1 11.8 35.3





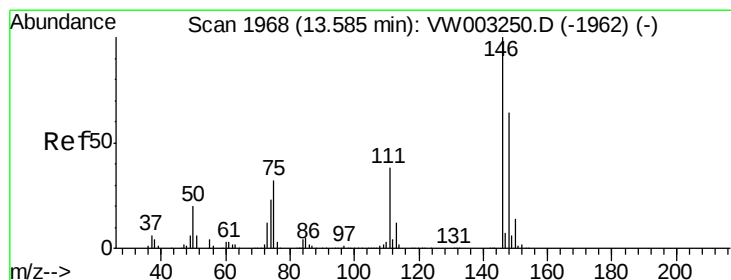
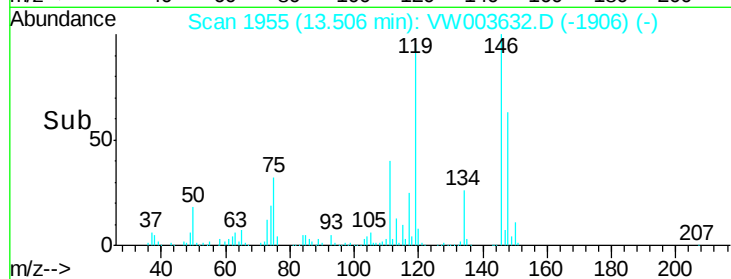
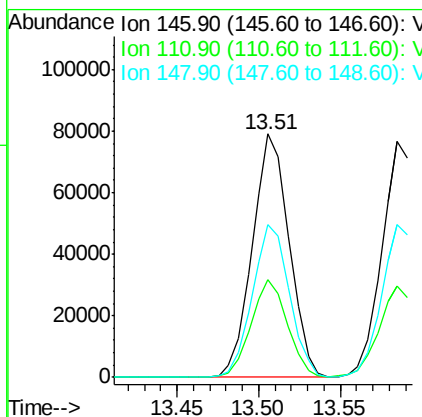
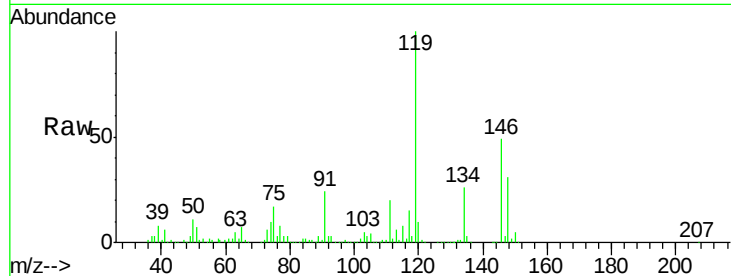
#87
 1,3-Dichlorobenzene
 Concen: 22.21 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	123873		
111	39.6	19.8	59.4	
148	63.2	32.1	96.5	

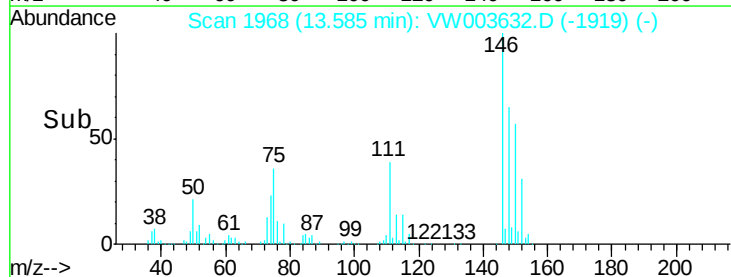
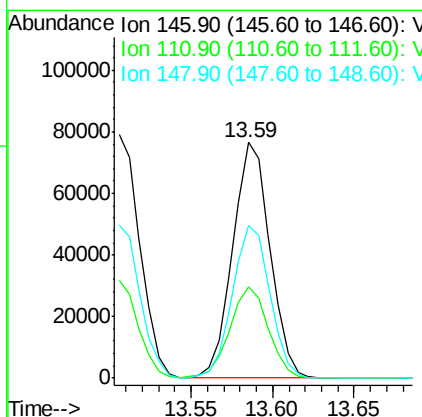
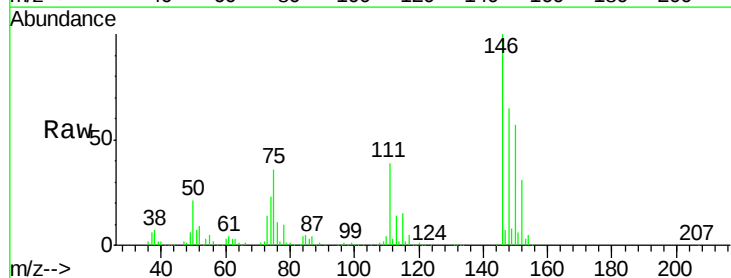
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 22.07 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122368		
111	39.9	19.2	57.6	
148	64.8	31.8	95.4	





#89

n-Butylbenzene

Concen: 22.44 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

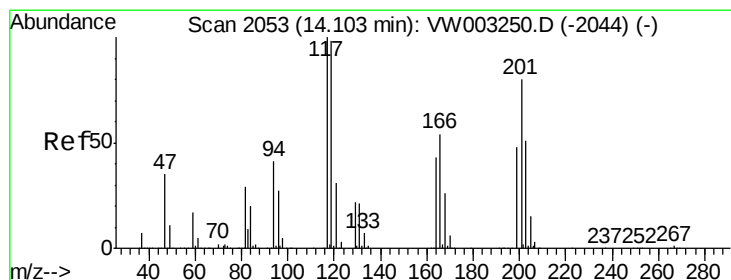
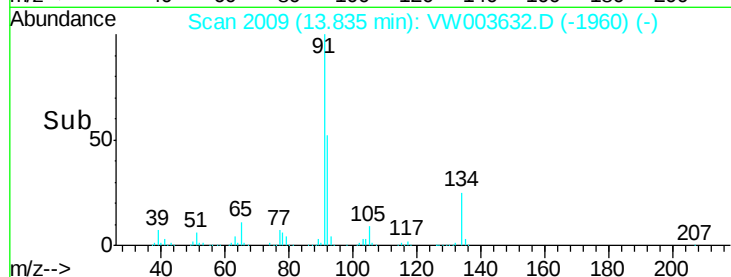
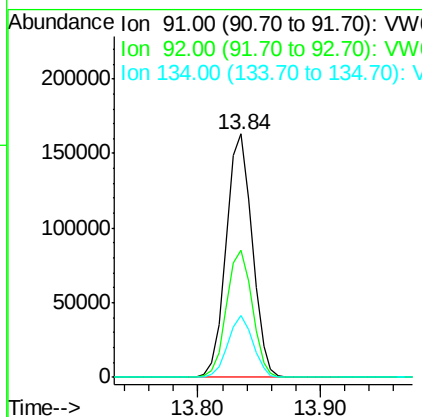
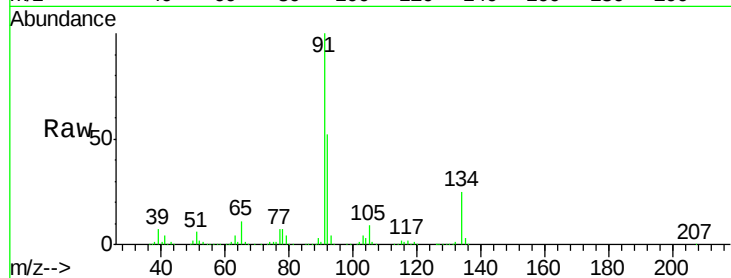
ClientSampleId :

VW0628SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	24.4	12.7	38.0

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#90

Hexachloroethane

Concen: 21.98 ug/l

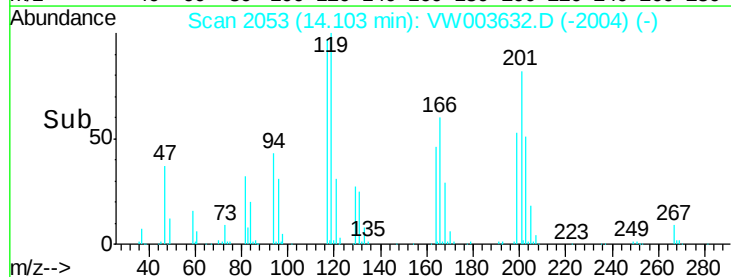
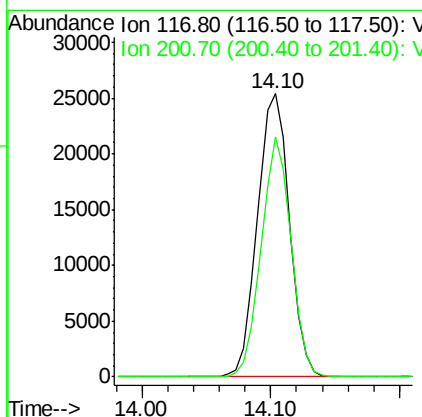
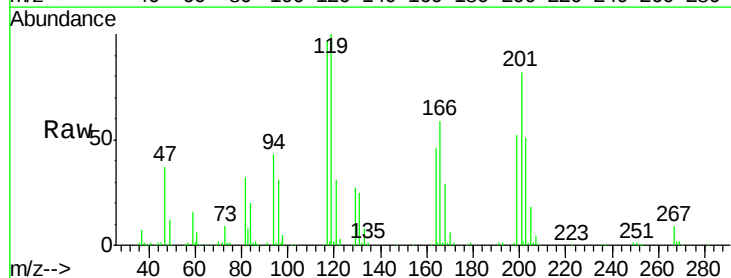
RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	39.5	118.5





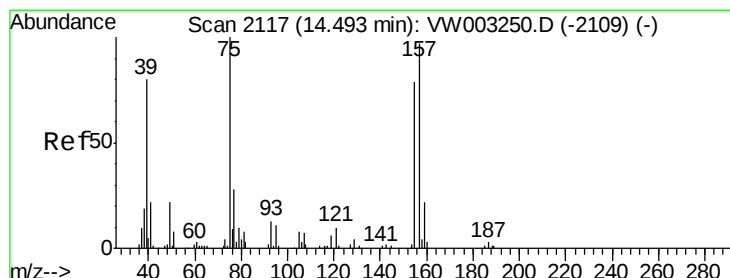
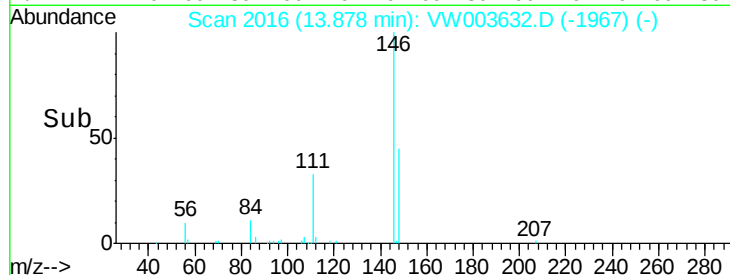
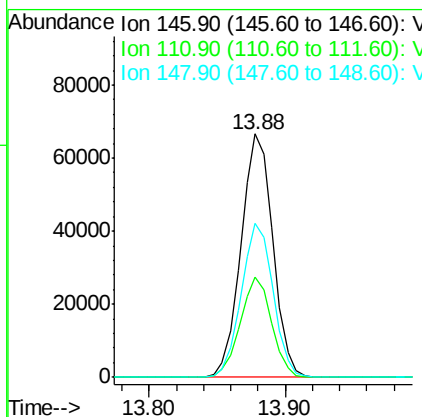
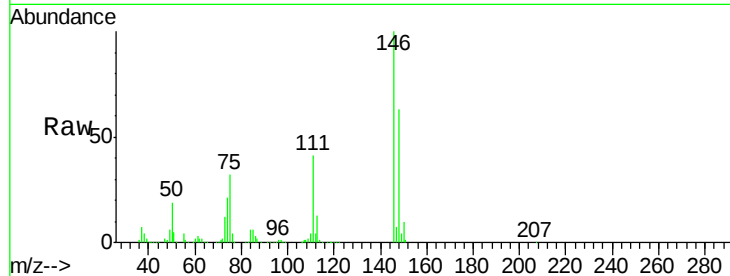
#91
 1,2-Dichlorobenzene
 Concen: 22.24 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	108659		
111	40.6		20.3	61.0
148	63.2		32.3	96.9

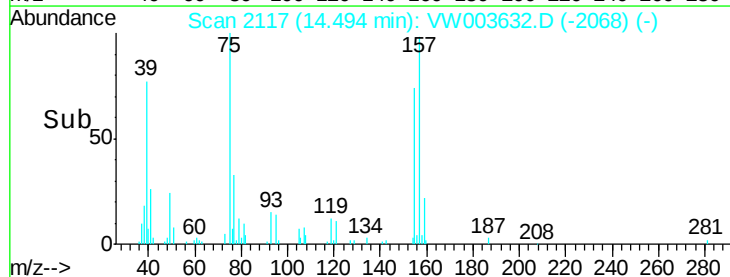
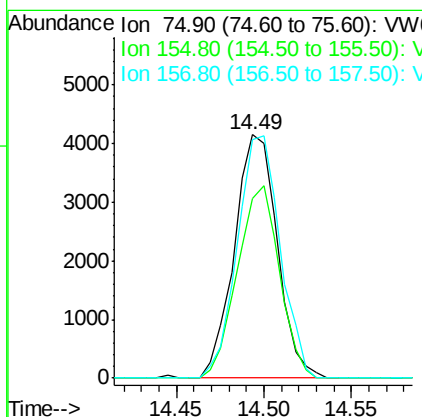
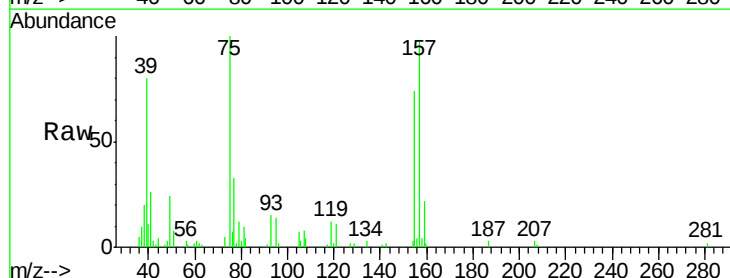
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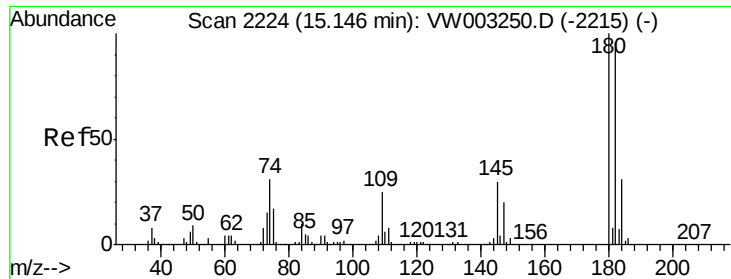
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.32 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7076		
155	77.2		39.4	118.2
157	99.4		51.5	154.5





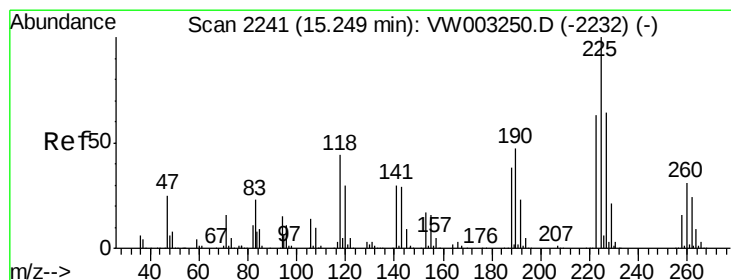
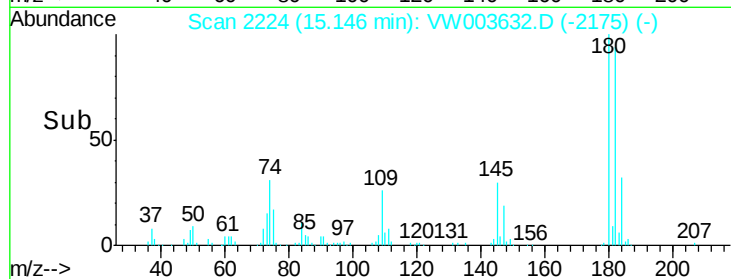
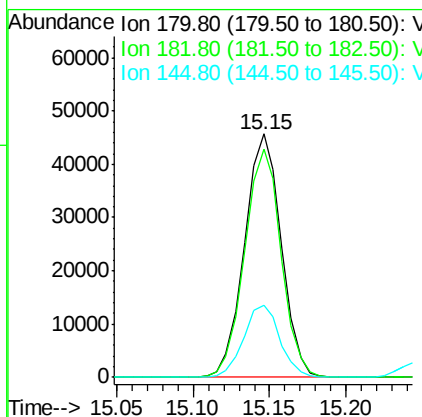
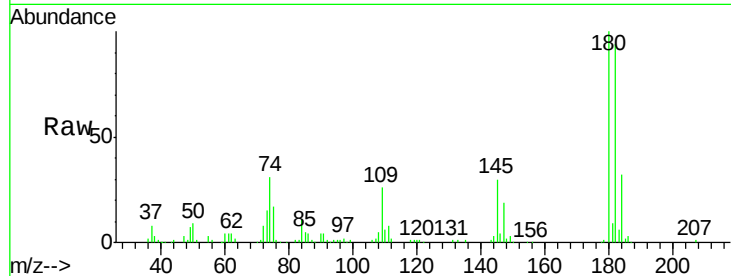
#93
 1,2,4-Trichlorobenzene
 Concen: 22.18 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.9	143.6
145	29.3	15.2	45.5

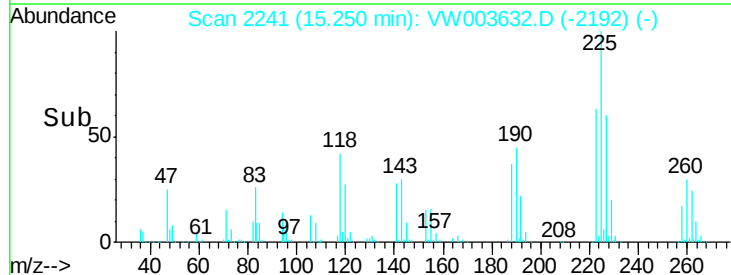
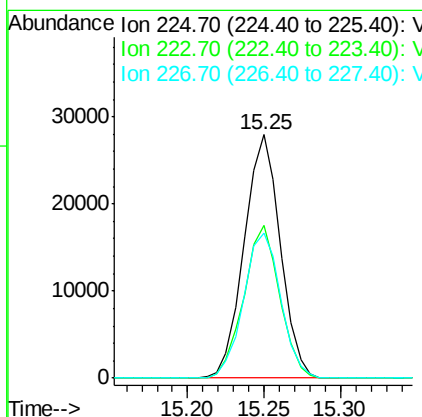
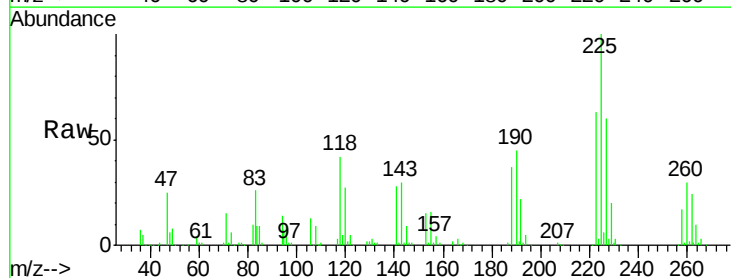
Manual Integrations
 APPROVED

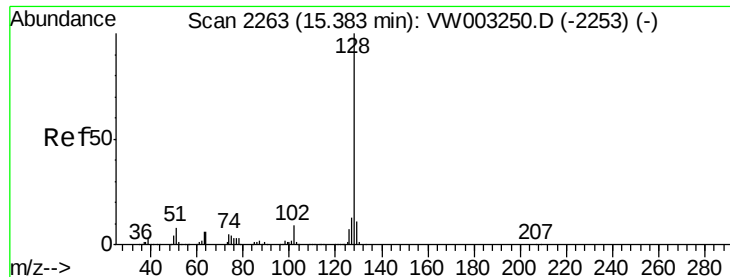
apatel
 6/29/2018 10:21:58 AM



#94
 Hexachlorobutadiene
 Concen: 22.24 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.6	92.0
227	61.6	31.7	95.1





#95

Naphthalene

Concen: 20.40 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

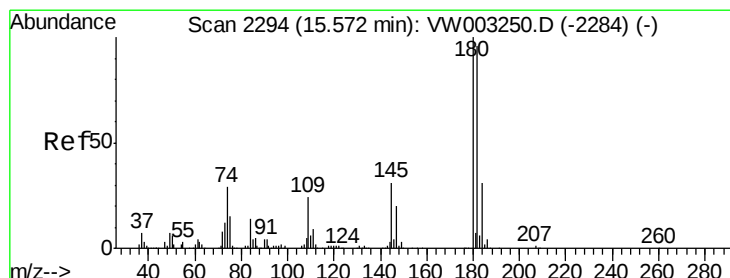
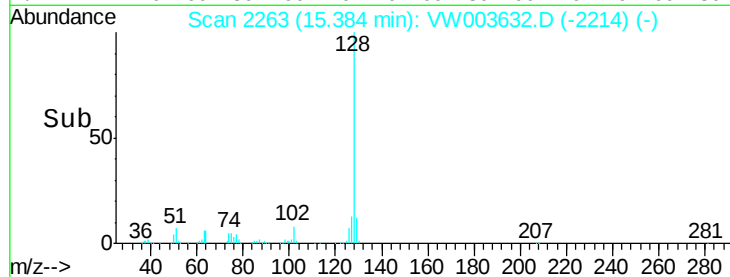
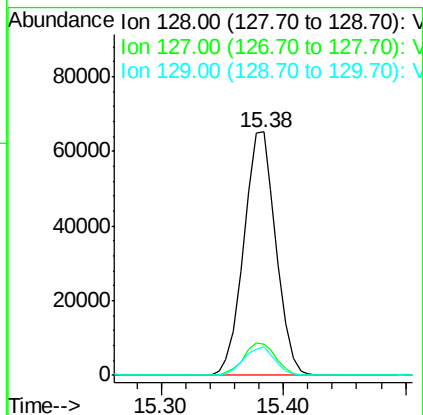
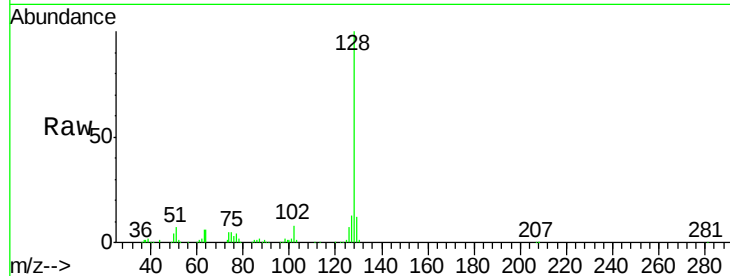
ClientSampleId :

VW0628SBS01

Tot Ion:	128	Resp:	118709
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	11.3	8.9	13.3

Manual Integrations
APPROVED

apatel
6/29/2018 10:21:58 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.39 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Tgt Ion:	180	Resp:	64581
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.6
145	31.9	15.8	47.4

