

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003978.D
 Acq On : 17 Jul 2018 12:16
 Operator : VA/AP
 Sample : VW0717SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Manual Integrations
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apatel
 7/18/2018 11:39:27 AM

Quant Time: Jul 17 14:03:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	391237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192465	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	152239	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
35) Dibromofluoromethane	7.88	113	131319	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	10.32	98	521460	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.62	95	185531	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	27647	19.75	ug/l	98
3) Chloromethane	2.21	50	41818	22.70	ug/l	99
4) Vinyl Chloride	2.36	62	52121	20.57	ug/l	96
5) Bromomethane	2.76	94	34910	22.04	ug/l	99
6) Chloroethane	2.92	64	31595	21.95	ug/l	100
7) Trichlorofluoromethane	3.25	101	23941	22.51	ug/l	97
8) Diethyl Ether	3.68	74	24995	20.24	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	53466	21.78	ug/l	98
10) Methyl Iodide	4.26	142	75119	21.31	ug/l	98
11) Tert butyl alcohol	5.18	59	24471	127.25	ug/l	97
12) 1,1-Dichloroethene	4.03	96	52607	21.72	ug/l	98
13) Acrolein	3.88	56	19923	100.83	ug/l	96
14) Allyl chloride	4.65	41	83816	20.97	ug/l	96
15) Acrylonitrile	5.37	53	67027	105.94	ug/l	98
16) Acetone	4.12	43	72606	108.46	ug/l	93
17) Carbon Disulfide	4.37	76	164788	21.80	ug/l	99
18) Methyl Acetate	4.67	43	32297	20.10	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	96351	20.76	ug/l	98
20) Methylene Chloride	4.90	84	65213	16.86	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	55772	21.01	ug/l	98
22) Diisopropyl ether	6.31	45	177168	21.93	ug/l	98
23) Vinyl Acetate	6.26	43	545874	106.63	ug/l	100
24) 1,1-Dichloroethane	6.21	63	104885	21.28	ug/l	98
25) 2-Butanone	7.18	43	97181	107.88	ug/l	97
26) 2,2-Dichloropropane	7.17	77	62576	22.11	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	59073	20.58	ug/l	98
28) Bromochloromethane	7.51	49	44108	21.86	ug/l	99
29) Tetrahydrofuran	7.53	42	61236	109.13	ug/l	97
30) Chloroform	7.68	83	105086	21.43	ug/l	98
31) Cyclohexane	7.95	56	97995	21.21	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	82073	21.43	ug/l	98
36) 1,1-Dichloropropene	8.08	75	84575	21.01	ug/l	99
37) Ethyl Acetate	7.26	43	41803	21.53	ug/l	99
38) Carbon Tetrachloride	8.07	117	78787	20.95	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	95817	20.33	ug/l	99
40) Benzene	8.32	78	237473	21.26	ug/l	99
41) Methacrylonitrile	7.48	41	21291	19.79	ug/l	95
42) 1,2-Dichloroethane	8.40	62	75399	22.13	ug/l	99
43) Isopropyl Acetate	8.43	43	76963	21.19	ug/l	99
44) Trichloroethene	9.09	130	60028	20.74	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60762	21.32	ug/l	100
46) Dibromomethane	9.46	93	32483	21.96	ug/l	98
47) Bromodichloromethane	9.65	83	77038	21.13	ug/l	96
48) Methyl methacrylate	9.44	41	36754	20.93	ug/l	98
49) 1,4-Dioxane	9.45	88	9658	424.81	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	208047	107.54	ug/l	99
52) Toluene	10.39	92	147821	21.41	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79084	20.74	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	90933	20.85	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	44852	21.56	ug/l	96
56) Ethyl methacrylate	10.65	69	54912	20.31	ug/l	98
57) 1,3-Dichloropropane	10.93	76	77282	21.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	123553	100.12	ug/l	98
59) 2-Hexanone	10.98	43	148730	109.07	ug/l	97
60) Dibromochloromethane	11.13	129	51454	21.24	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43264	21.86	ug/l	100
64) Tetrachloroethene	10.87	164	51113	20.27	ug/l	98
65) Chlorobenzene	11.66	112	159252	20.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	56579	20.83	ug/l	98
67) Ethyl Benzene	11.74	91	277725	20.23	ug/l	99
68) m/p-Xylenes	11.85	106	217273	41.41	ug/l	100
69) o-Xylene	12.17	106	97928	20.12	ug/l	98
70) Styrene	12.19	104	165545	20.36	ug/l	99
71) Bromoform	12.35	173	31168	20.33	ug/l #	98
73) Isopropylbenzene	12.47	105	271397	19.96	ug/l	100
74) N-amyl acetate	12.28	43	73060	20.62	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	54962	20.90	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39136m	20.48	ug/l	
77) Bromobenzene	12.75	156	65124	20.01	ug/l	98
78) n-propylbenzene	12.81	91	344651	20.66	ug/l	100
79) 2-Chlorotoluene	12.90	91	194846	20.71	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	236722	20.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	17046	19.73	ug/l	93
82) 4-Chlorotoluene	12.99	91	205608	20.36	ug/l	100
83) tert-Butylbenzene	13.21	119	193022	20.09	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	243829	20.71	ug/l	99
85) sec-Butylbenzene	13.39	105	291245	20.43	ug/l	100
86) p-Isopropyltoluene	13.51	119	256246	20.49	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	134422	20.68	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	134867	20.69	ug/l	99
89) n-Butylbenzene	13.83	91	252558	20.54	ug/l	99
90) Hexachloroethane	14.10	117	46916	20.35	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	120326	20.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9109	19.48	ug/l	95

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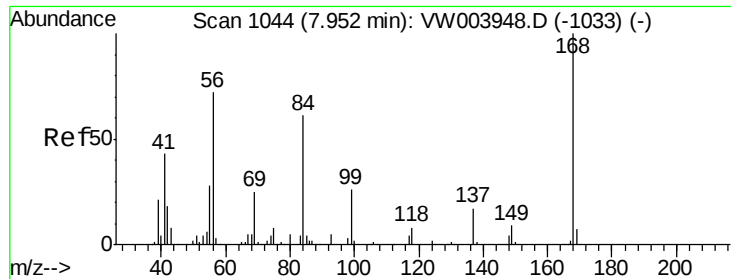
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	83397	20.51	ug/l	99
94) Hexachlorobutadiene	15.25	225	48330	20.69	ug/l	99
95) Naphthalene	15.38	128	148781	19.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74310	20.64	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

Tot Ion:168 Resp: 249212

Ion Ratio Lower Upper

168 100

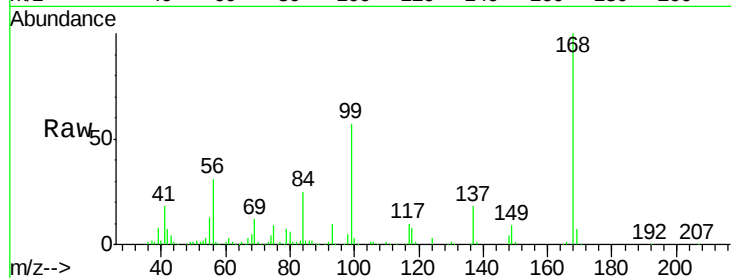
99 56.8 43.8 65.6

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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

120000

100000

80000

60000

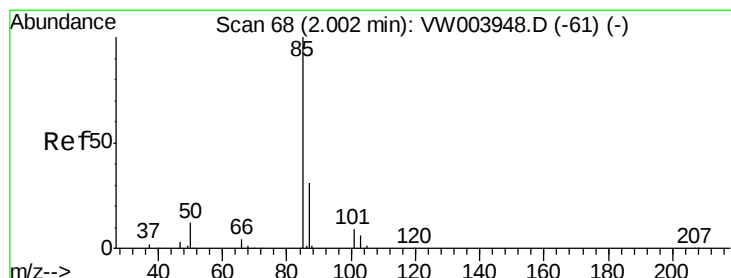
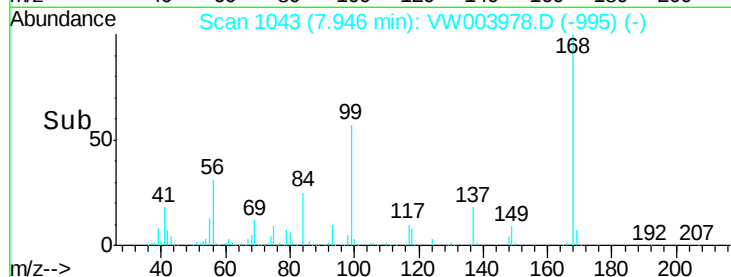
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.75 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003978.D

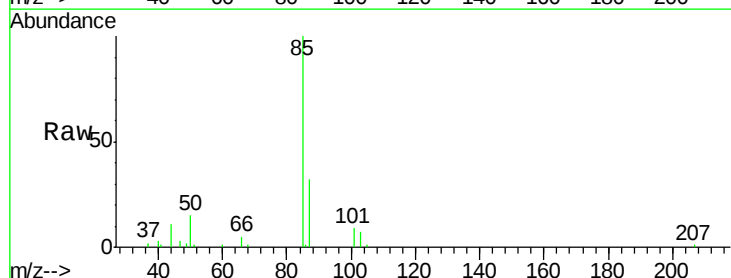
Acq: 17 Jul 2018 12:16

Tgt Ion: 85 Resp: 27647

Ion Ratio Lower Upper

85 100

87 32.1 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

8000

6000

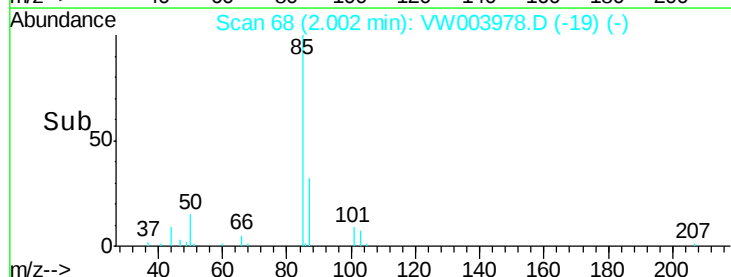
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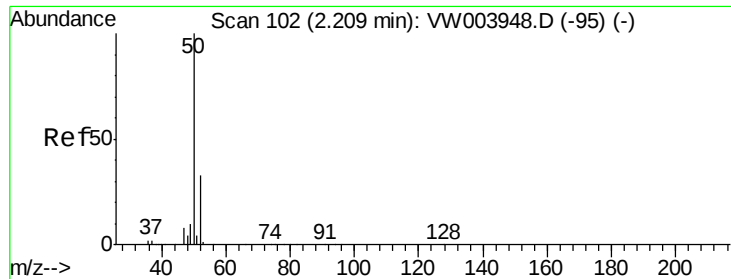
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 22.70 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

Tot Ion: 50 Resp: 41818

Ion Ratio Lower Upper

50 100

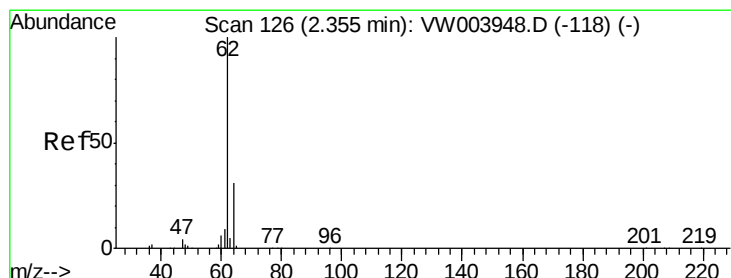
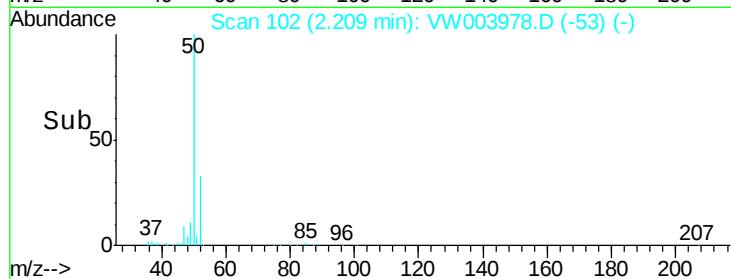
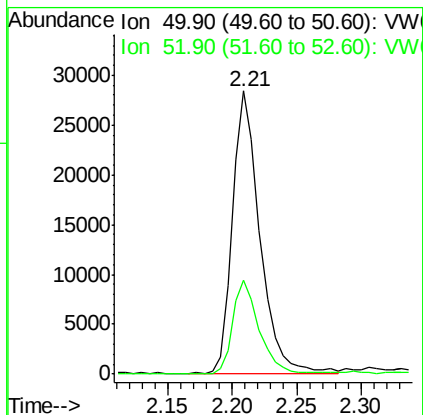
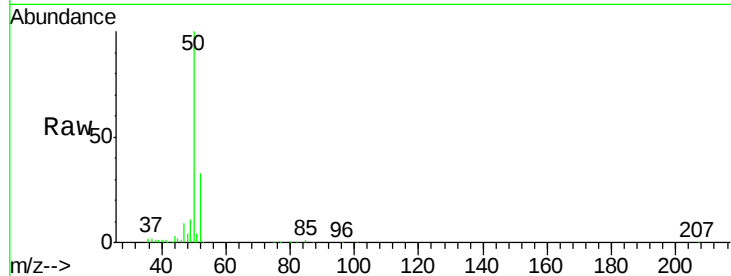
52 33.5 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.57 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003978.D

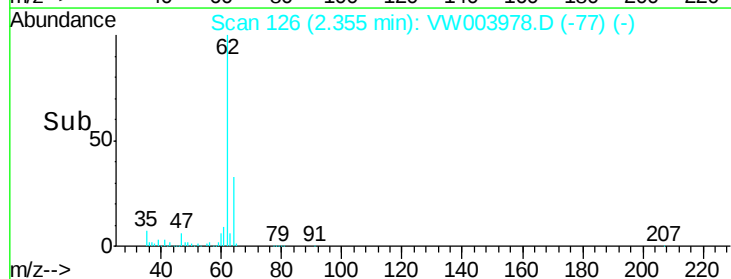
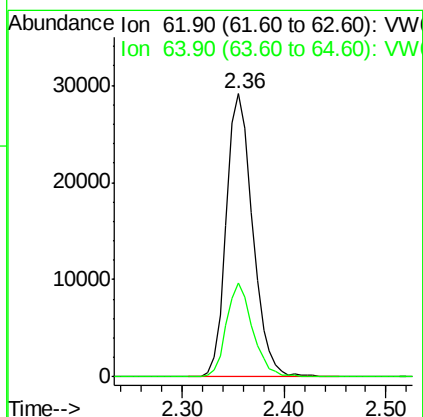
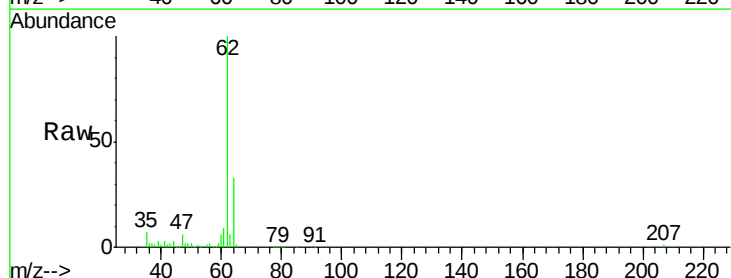
Acq: 17 Jul 2018 12:16

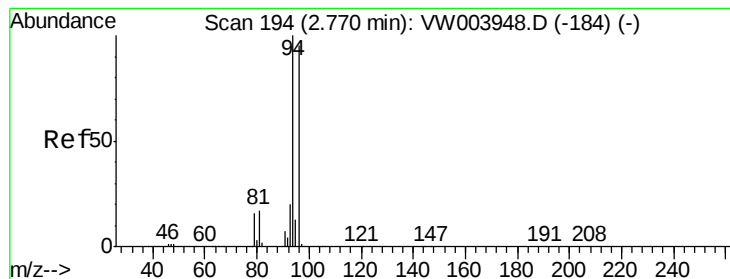
Tgt Ion: 62 Resp: 52121

Ion Ratio Lower Upper

62 100

64 33.4 25.0 37.6





#5

Bromomethane

Concen: 22.04 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

Tot Ion: 94 Resp: 34910

Ion Ratio Lower Upper

94 100

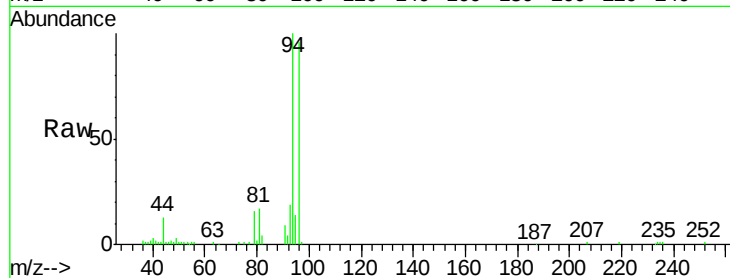
96 95.9 75.8 113.6

Manual Integrations

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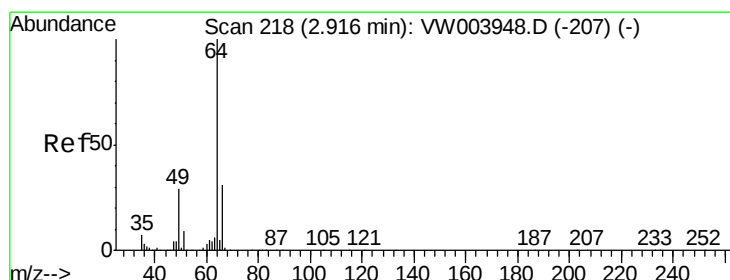
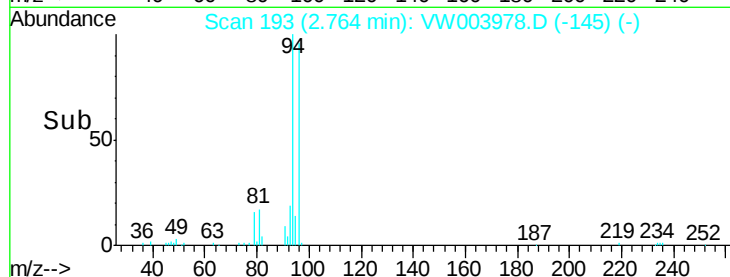
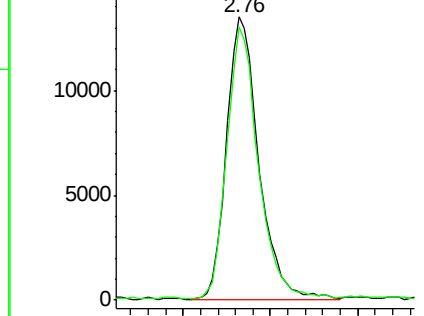
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.95 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW003978.D

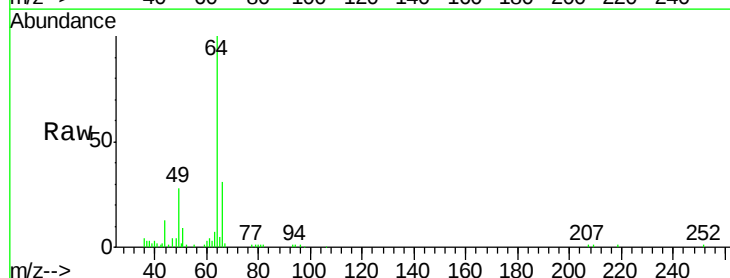
Acq: 17 Jul 2018 12:16

Tgt Ion: 64 Resp: 31595

Ion Ratio Lower Upper

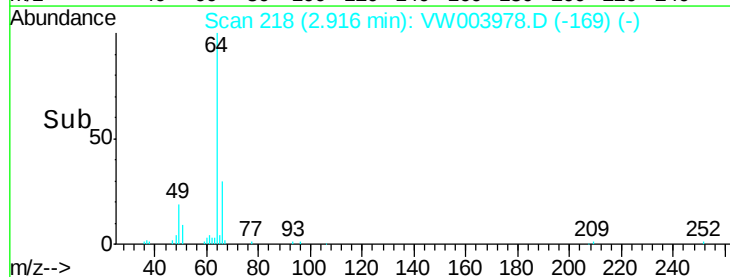
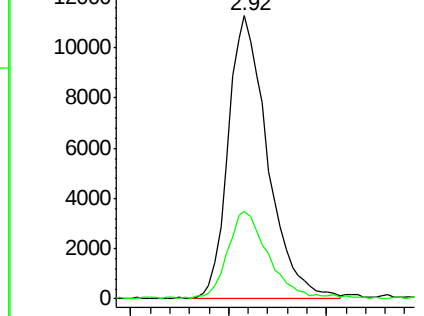
64 100

66 30.9 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

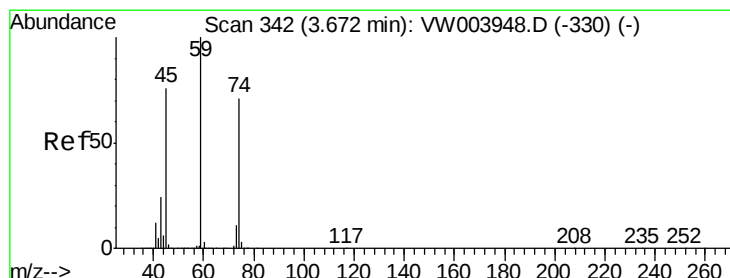
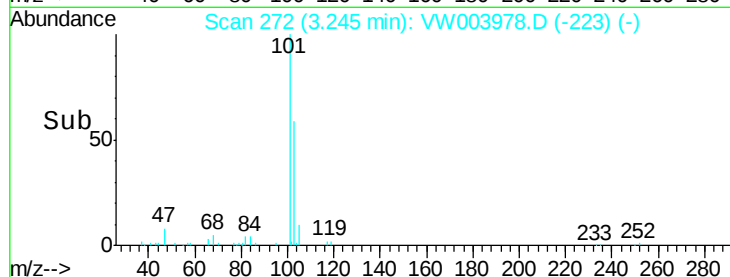
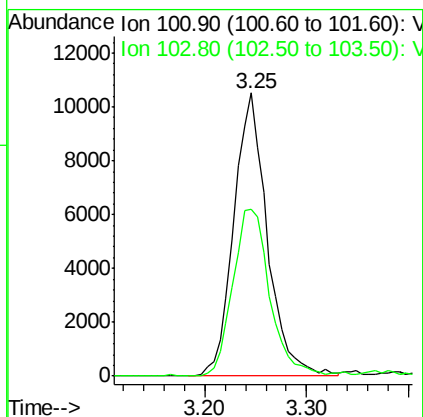
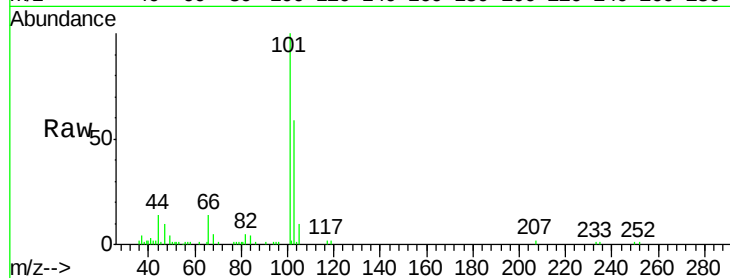
Trichlorofluoromethane
Concen: 22.51 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.1	49.0	73.6

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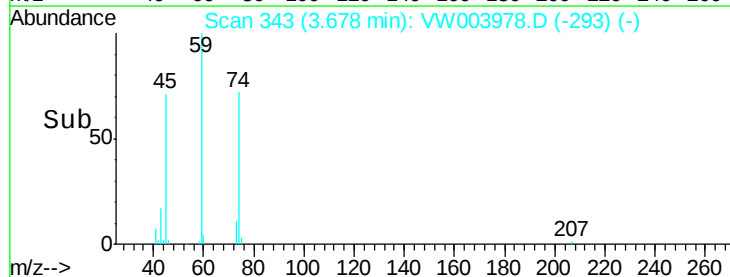
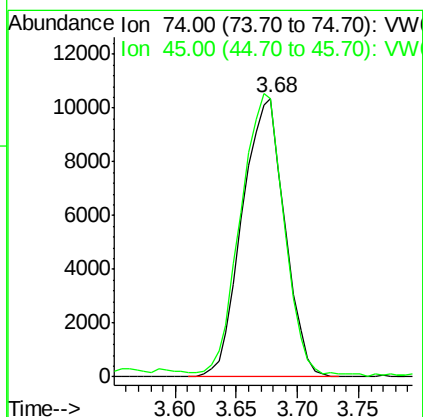
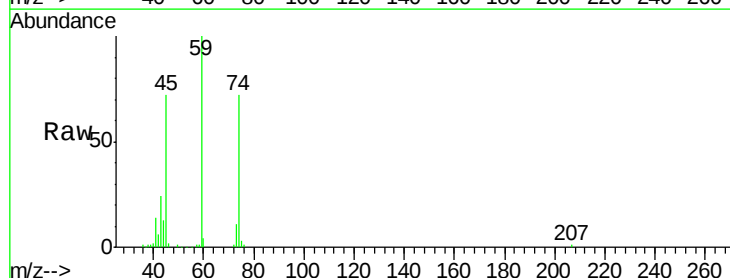
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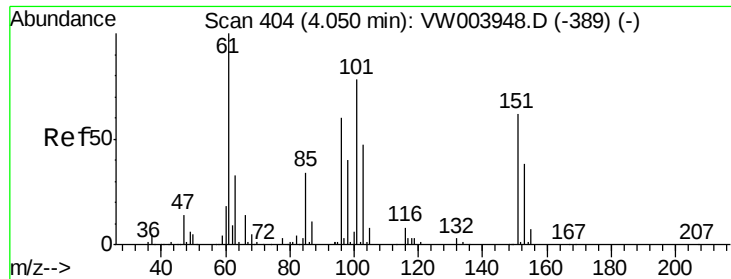


#8

Diethyl Ether
Concen: 20.24 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.2	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.78 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

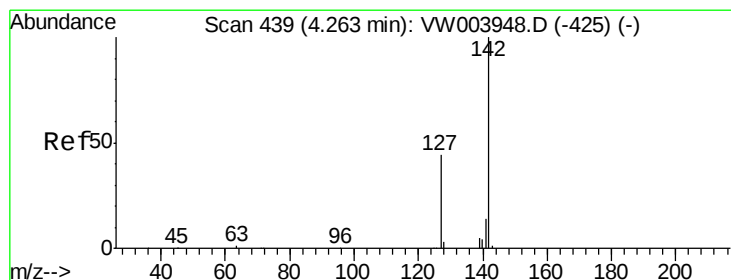
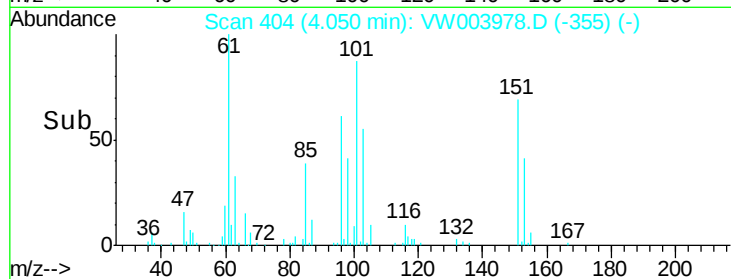
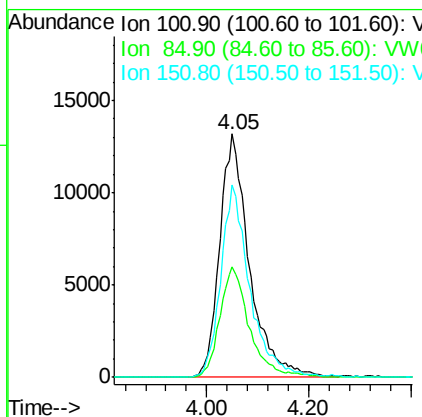
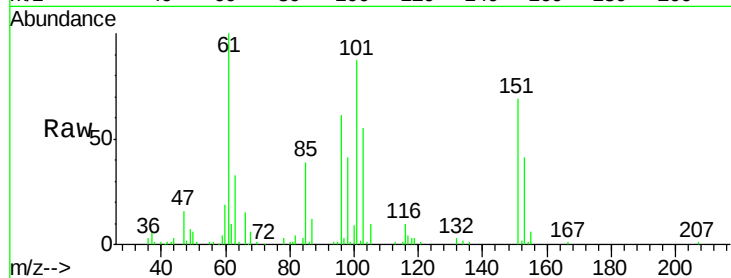
ClientSampleId :

VW0717SBS01

Tot Ion:	101	Resp:	53466
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.8	53.6
151	76.9	63.6	95.4

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#10

Methyl Iodide

Concen: 21.31 ug/l

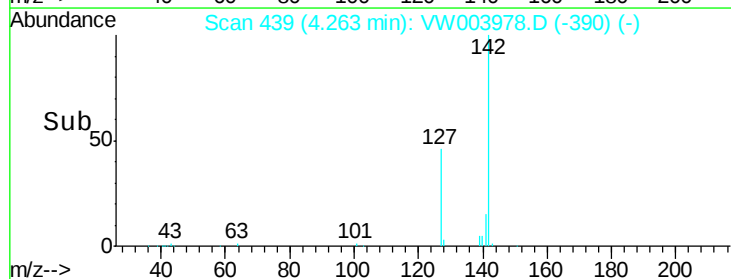
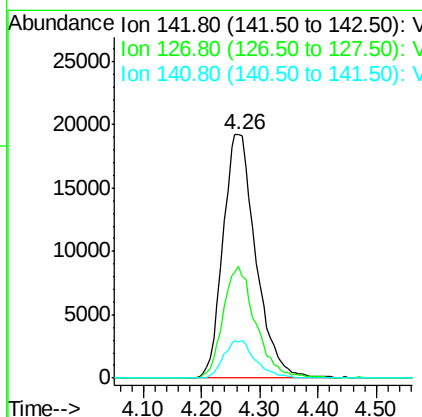
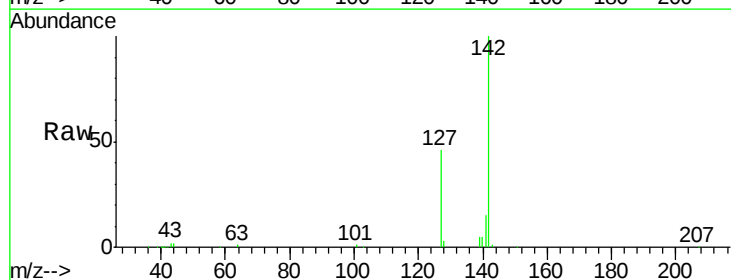
RT: 4.26 min Scan# 439

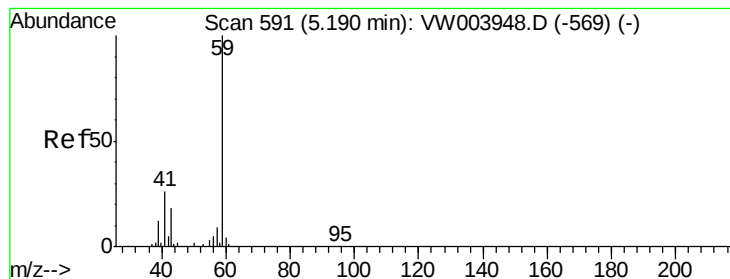
Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Tgt Ion:	142	Resp:	75119
Ion Ratio	Lower	Upper	
142	100		
127	45.4	35.4	53.2
141	15.1	11.7	17.5





#11

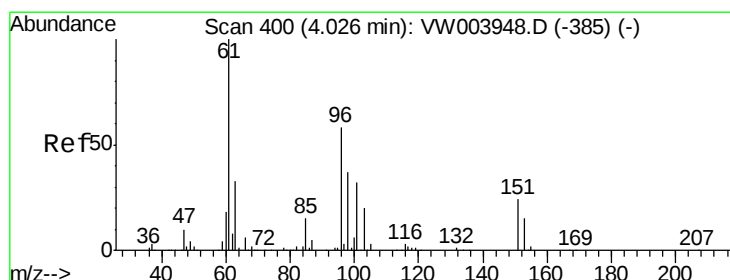
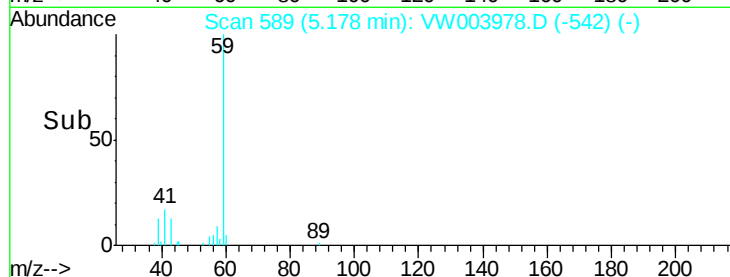
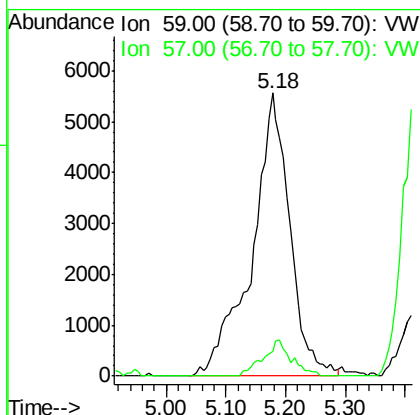
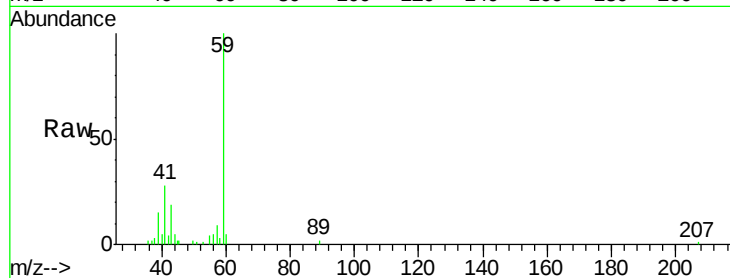
Tert butyl alcohol
Concen: 127.25 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.01 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	59	Resp	24471
Ion Ratio	100	Lower	Upper
59	100		
57	9.5	8.5	12.7

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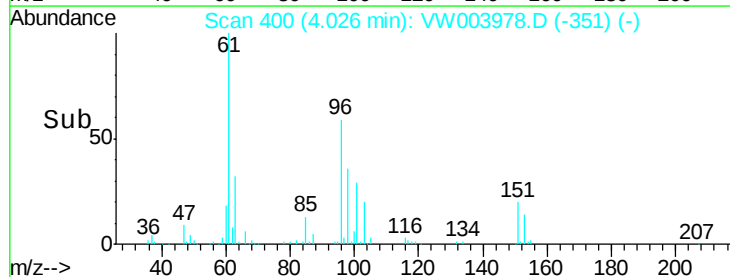
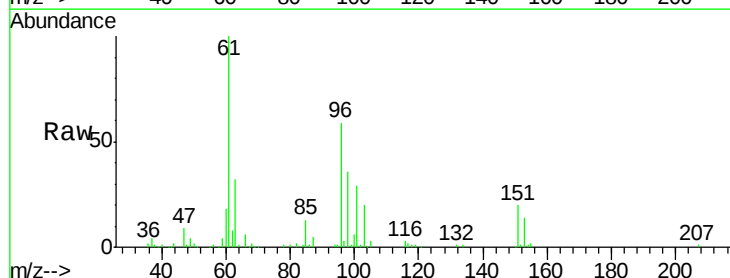
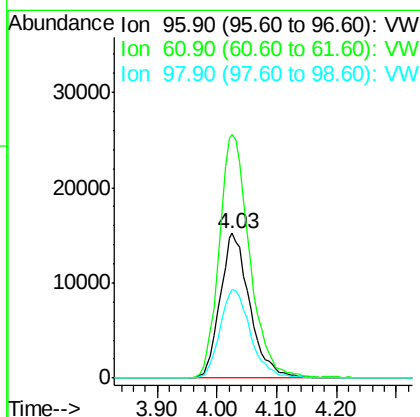
apatel
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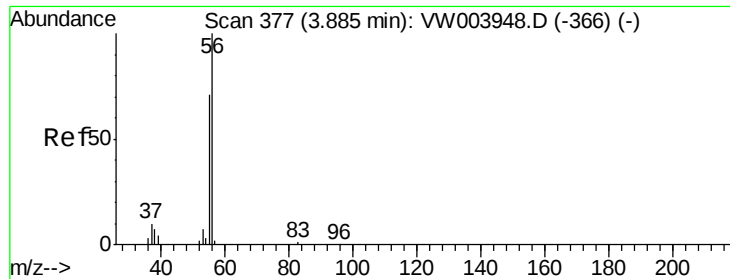


#12

1,1-Dichloroethene
Concen: 21.72 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	96	Resp	52607
Ion Ratio	100	Lower	Upper
96	100		
61	168.5	137.0	205.6
98	61.4	50.2	75.4





#13

Acrolein

Concen: 100.83 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.01 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

Tot Ion: 56 Resp: 19923

Ion Ratio Lower Upper

56 100

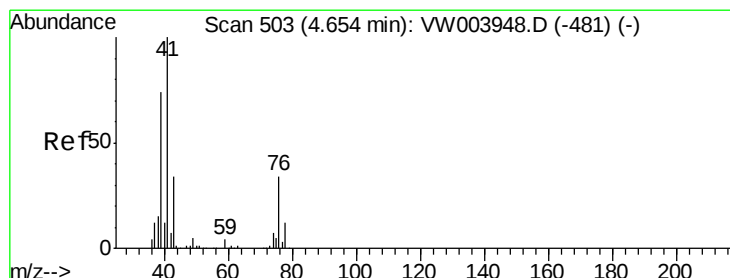
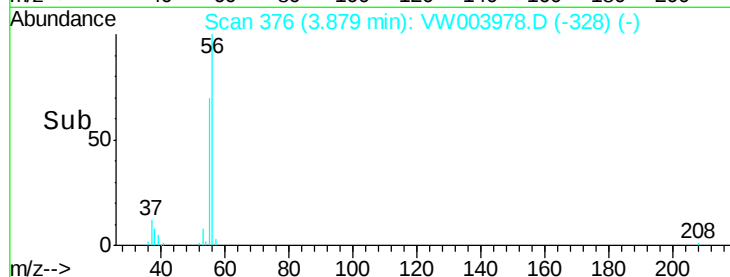
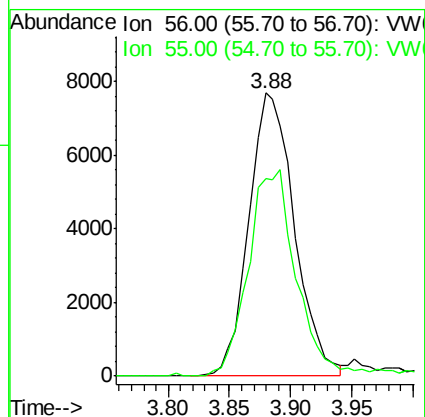
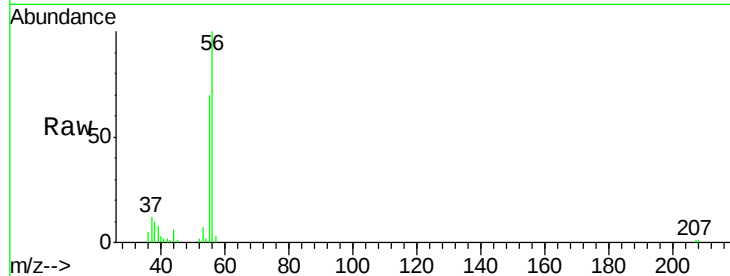
55 76.0 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 20.97 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

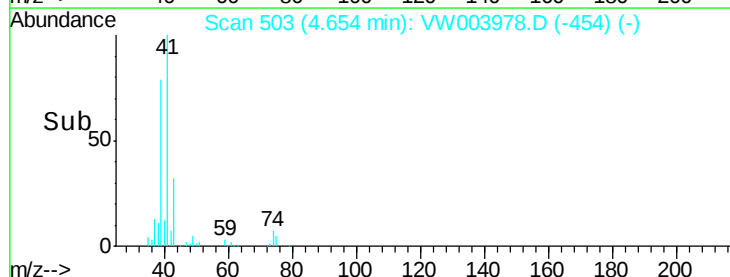
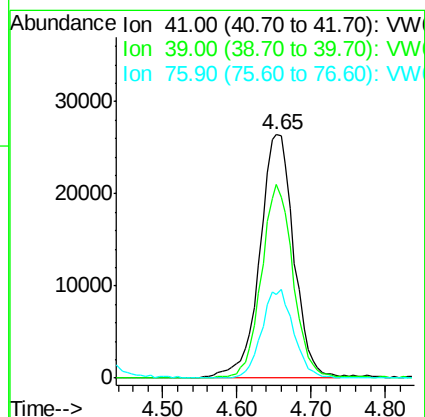
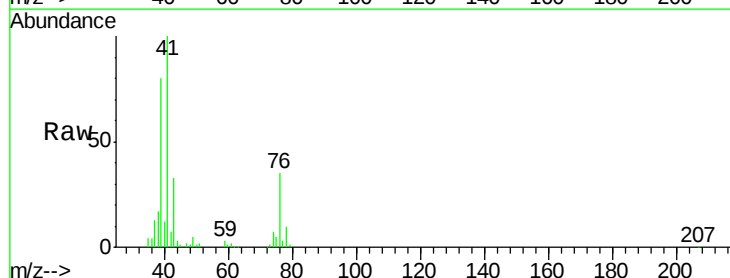
Tgt Ion: 41 Resp: 83816

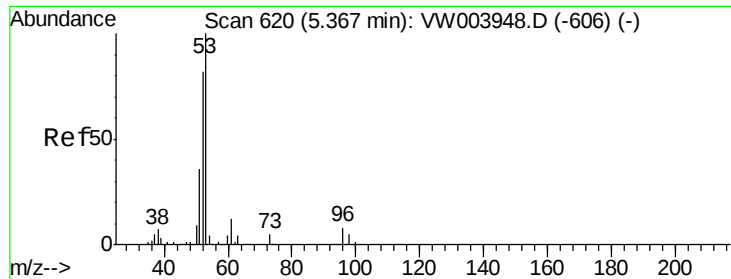
Ion Ratio Lower Upper

41 100

39 75.3 57.0 85.4

76 34.1 26.5 39.7





#15

Acrylonitrile

Concen: 105.94 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

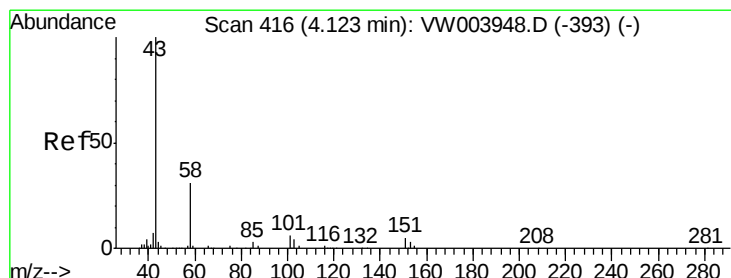
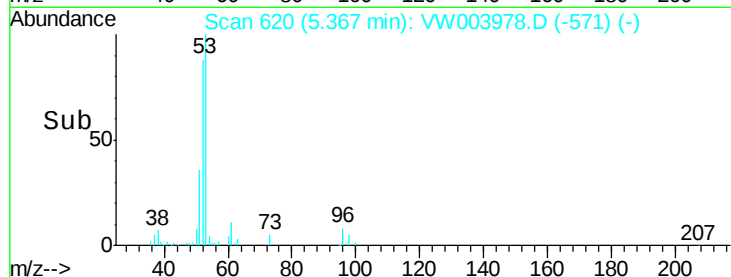
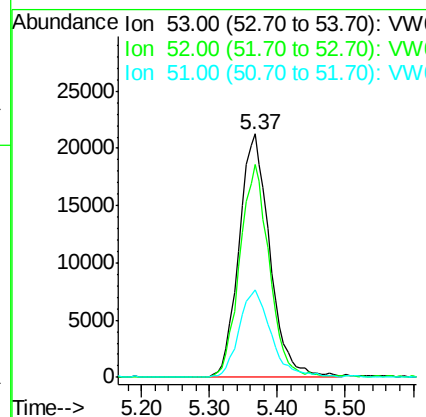
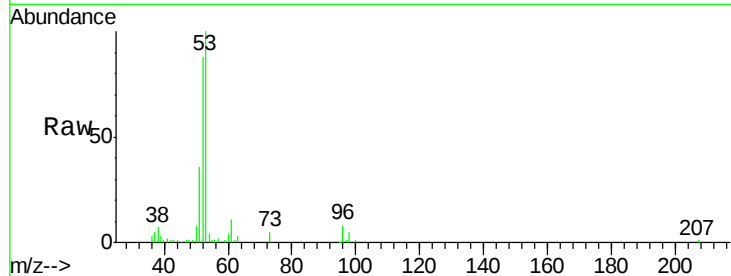
ClientSampleId :

VW0717SBS01

Tot Ion:	53	Resp:	67027
Ion	Ratio	Lower	Upper
53	100		
52	84.6	66.1	99.1
51	37.2	29.8	44.6

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#16

Acetone

Concen: 108.46 ug/l

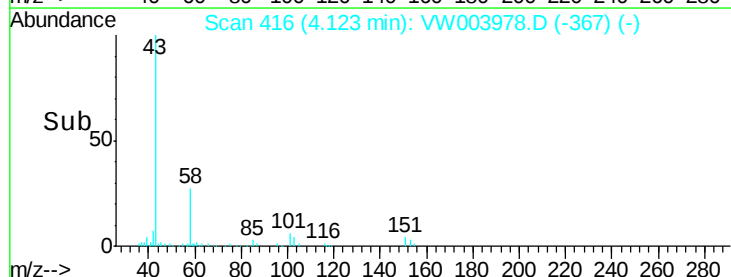
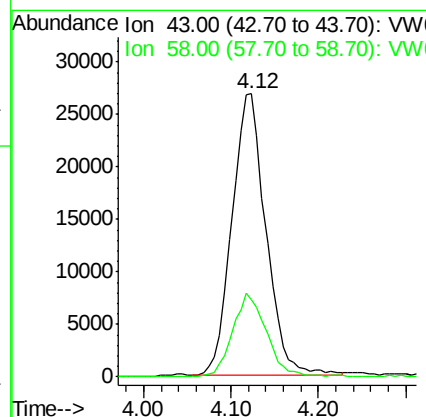
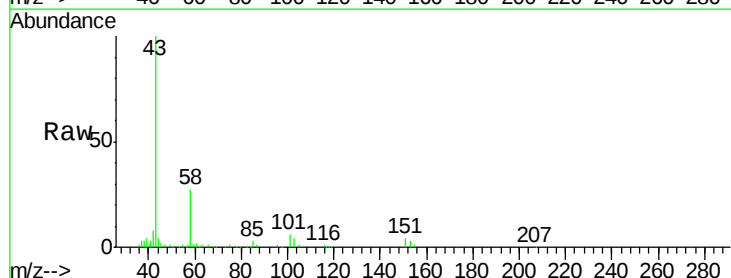
RT: 4.12 min Scan# 416

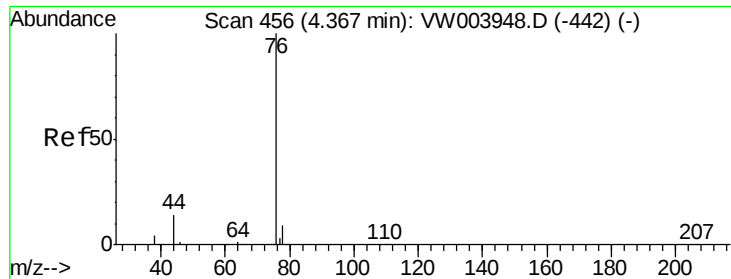
Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Tgt Ion:	43	Resp:	72606
Ion	Ratio	Lower	Upper
43	100		
58	27.0	24.5	36.7





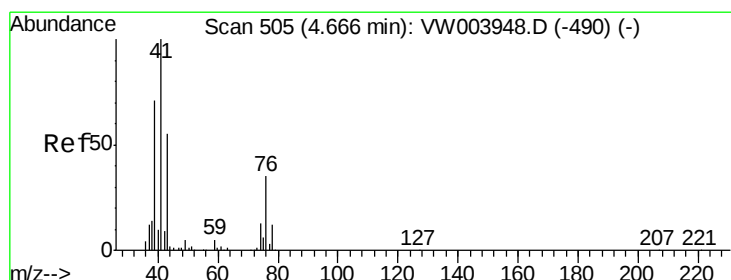
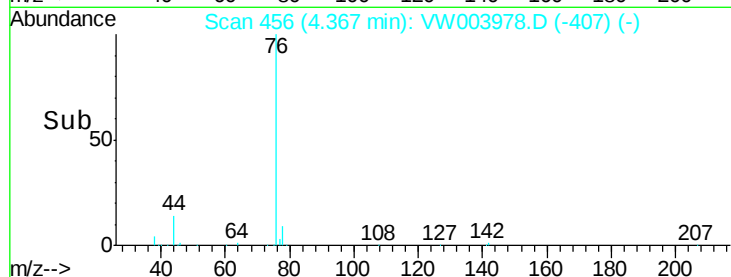
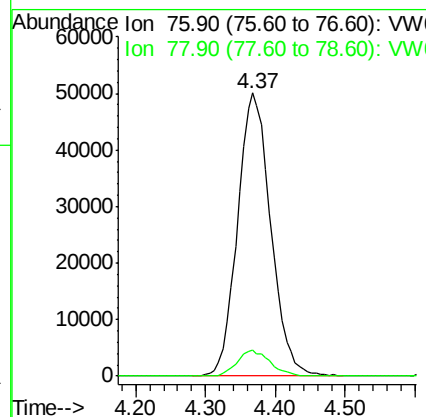
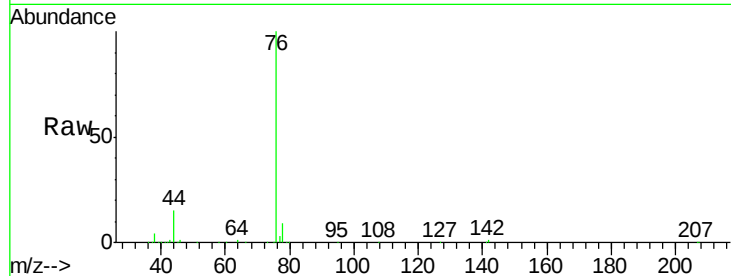
#17
Carbon Disulfide
Concen: 21.80 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	9.1	7.1	10.7	

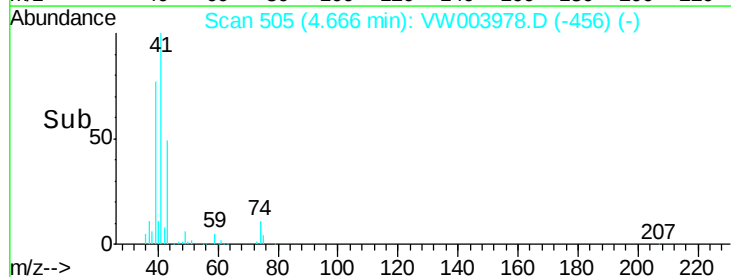
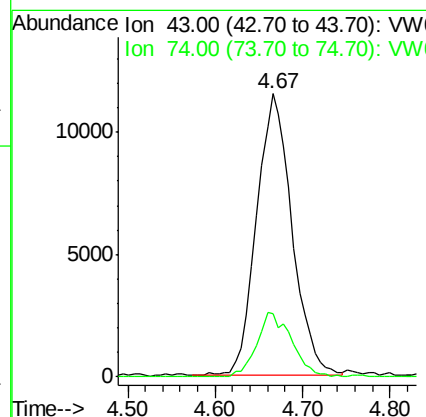
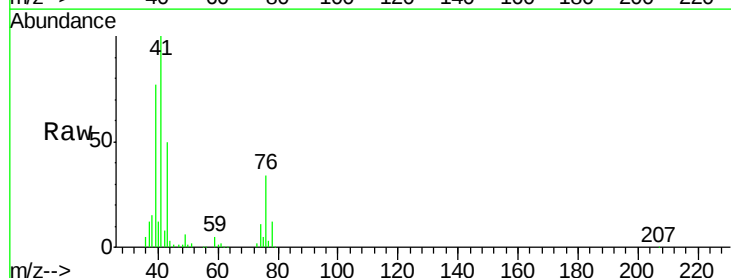
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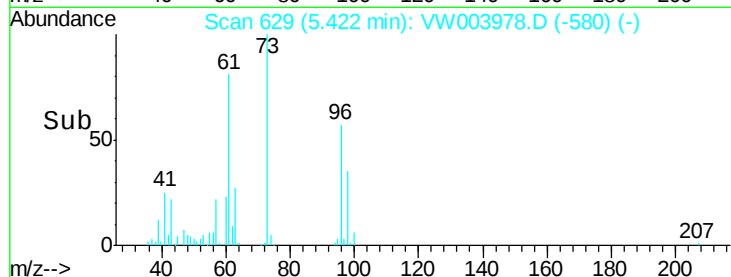
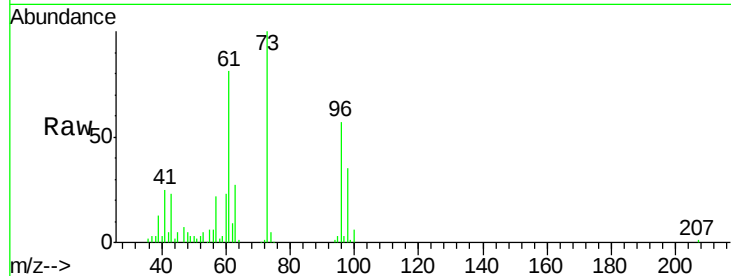
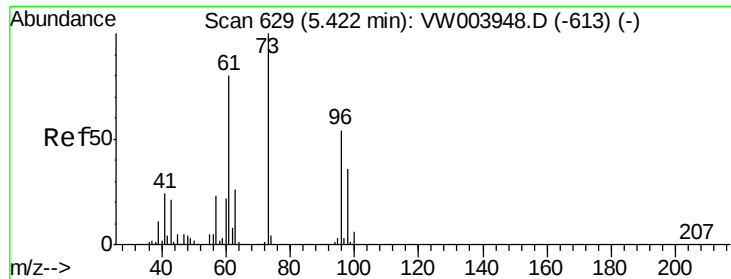
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#18
Methyl Acetate
Concen: 20.10 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
74	22.4	17.7	26.5	





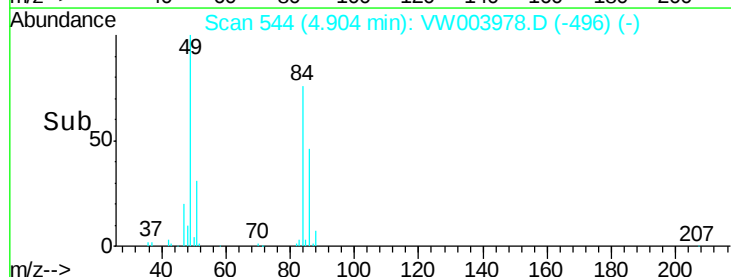
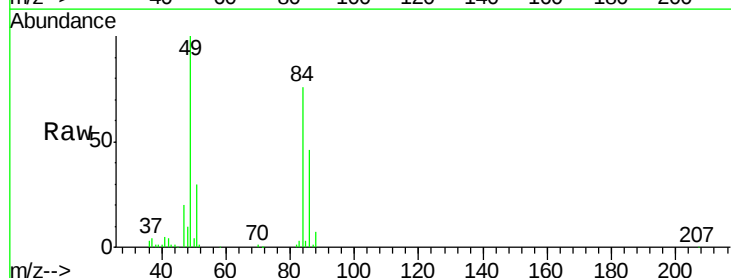
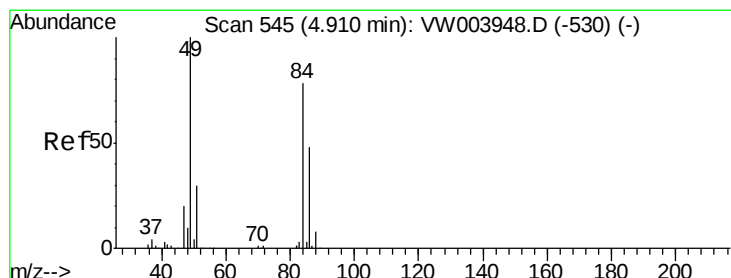
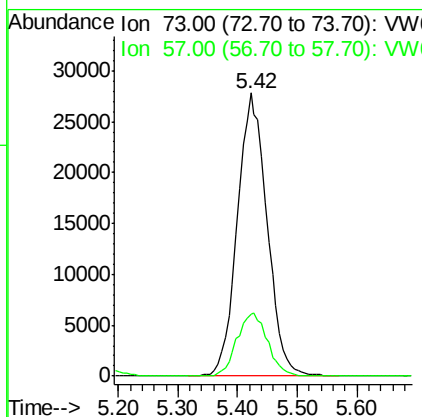
#19
Methyl tert-butyl Ether
Concen: 20.76 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tot Ion: 73 Resp: 96351
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

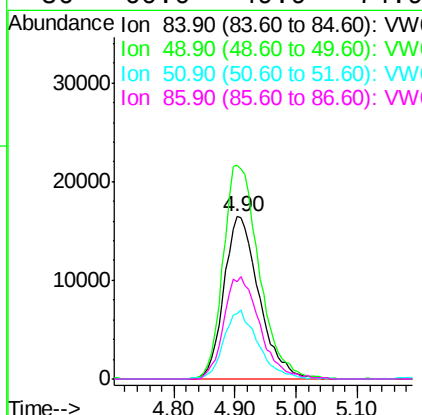
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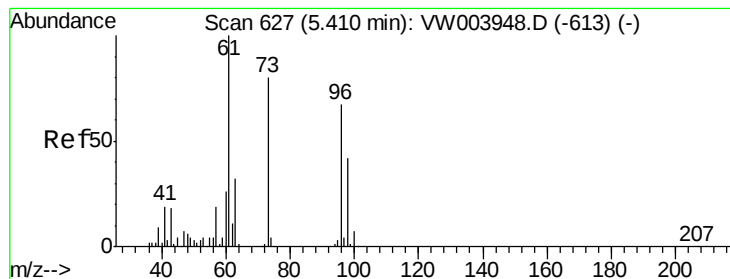
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#20
Methylene Chloride
Concen: 16.86 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion: 84 Resp: 65213
Ion Ratio Lower Upper
84 100
49 131.6 102.9 154.3
51 40.1 30.9 46.3
86 60.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.01 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

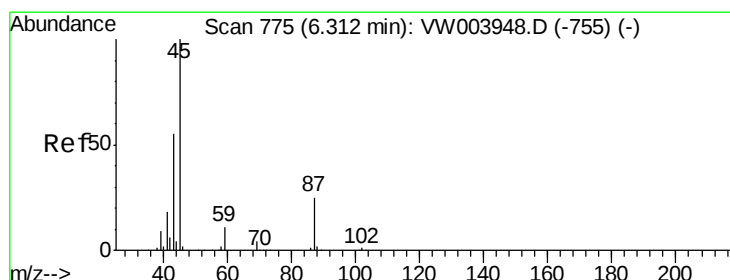
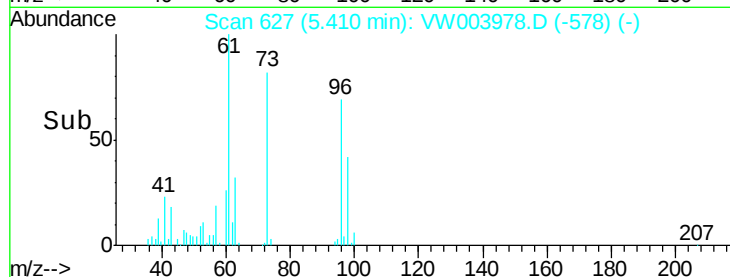
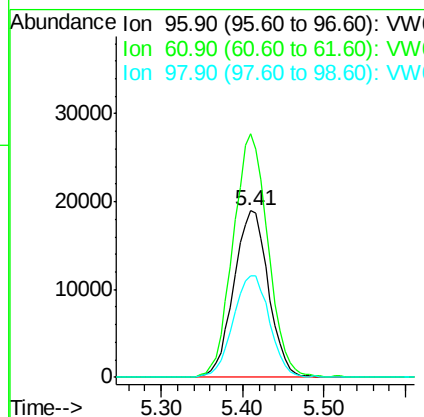
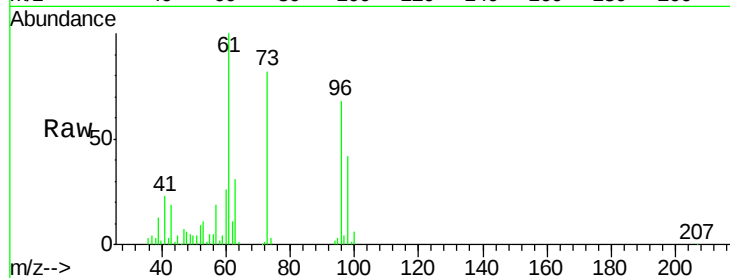
ClientSampleId :

VW0717SBS01

Tot Ion:	96	Resp:	55772
Ion	Ratio	Lower	Upper
96	100		
61	145.7	119.0	178.4
98	60.9	49.9	74.9

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#22

Diisopropyl ether

Concen: 21.93 ug/l

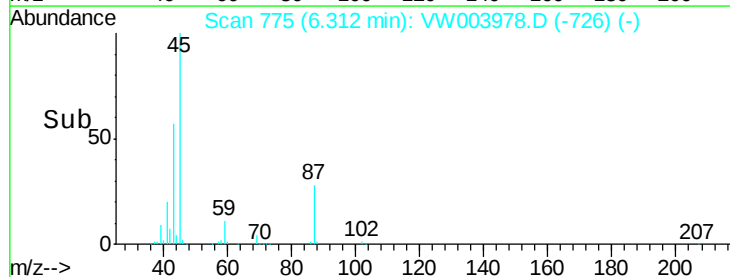
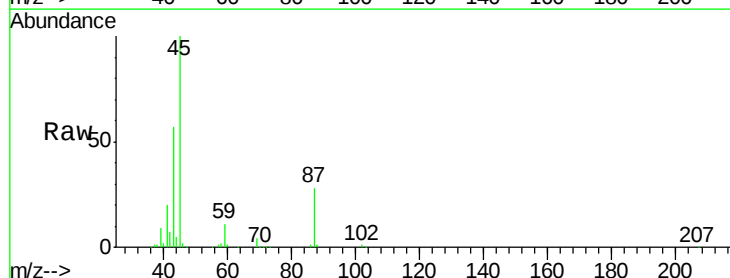
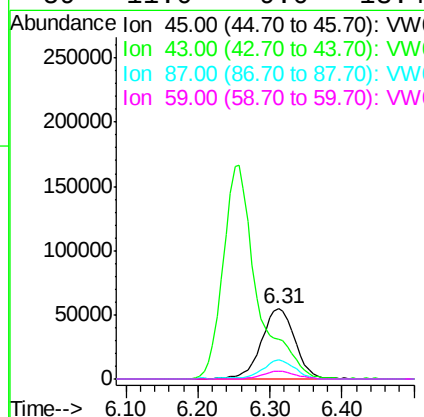
RT: 6.31 min Scan# 775

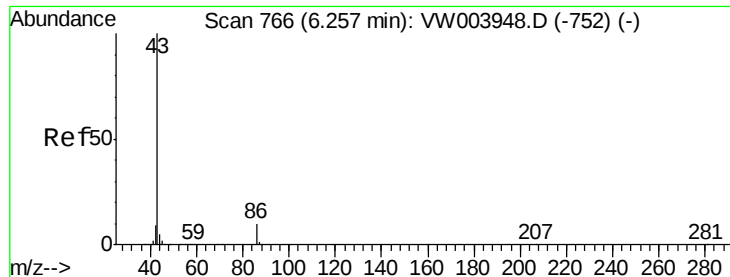
Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Tgt Ion:	45	Resp:	177168
Ion	Ratio	Lower	Upper
45	100		
43	56.5	44.3	66.5
87	27.2	20.2	30.4
59	11.0	9.0	13.4





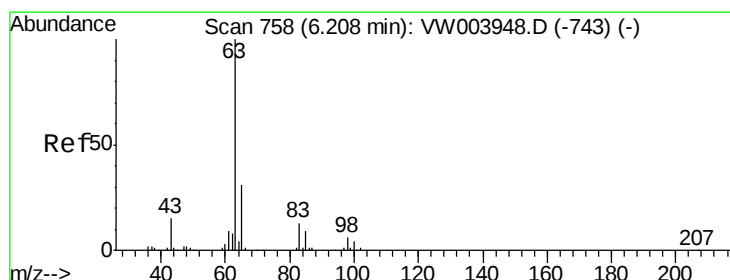
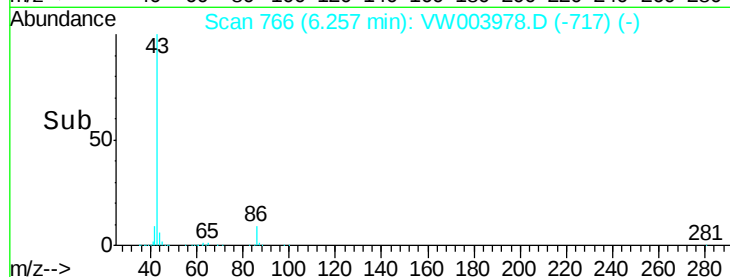
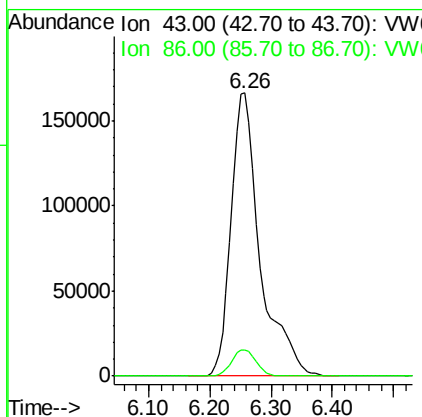
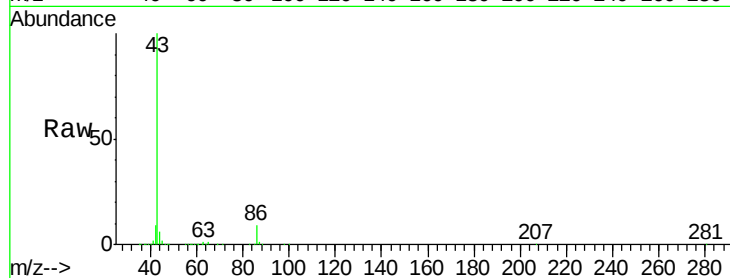
#23
 Vinyl Acetate
 Concen: 106.63 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Instrument :
 MSVOA_W
 ClientSampled :
 VW0717SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.6	11.4

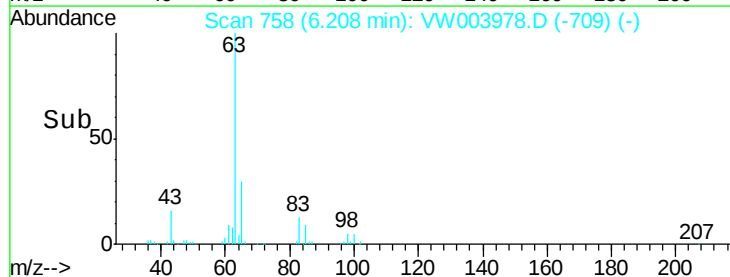
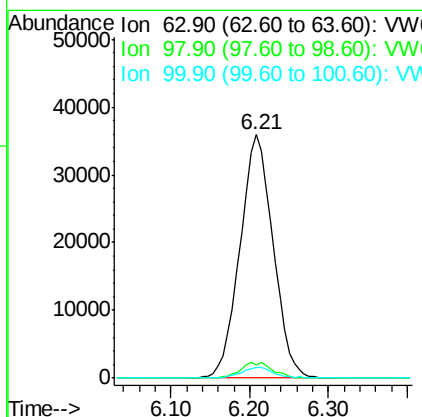
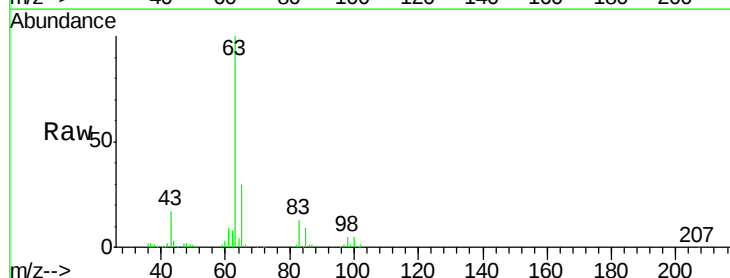
Manual Integrations
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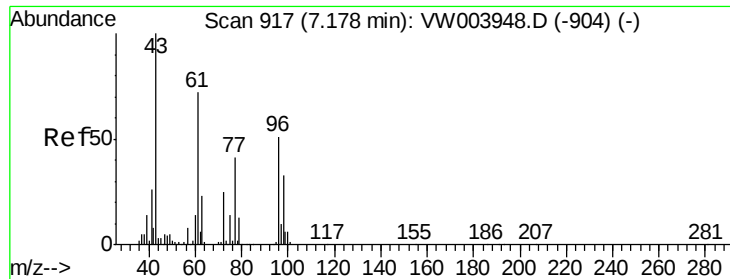
apatel
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#24
 1,1-Dichloroethane
 Concen: 21.28 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.3	3.1	9.4
100	4.6	2.1	6.5





#25

2-Butanone

Concen: 107.88 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

ClientSampled :

VW0717SBS01

Tot Ion: 43 Resp: 97181

Ion Ratio Lower Upper

43 100

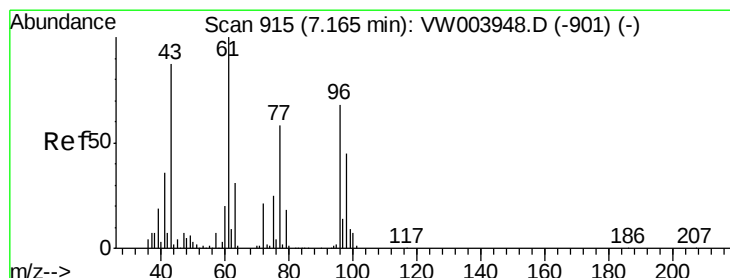
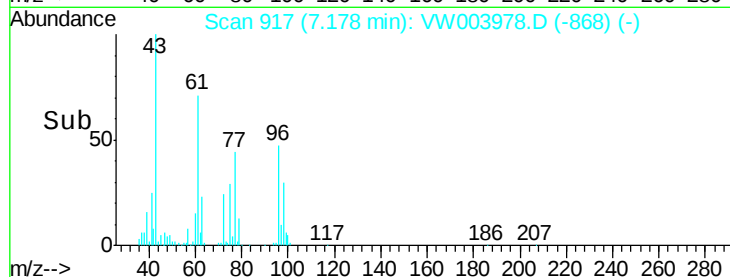
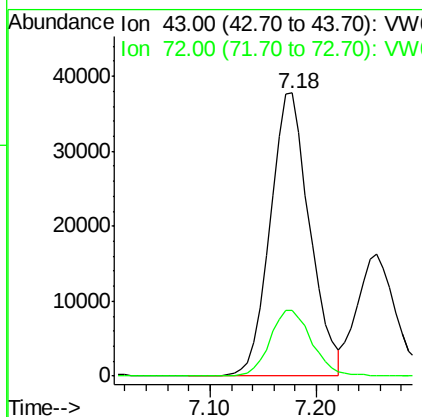
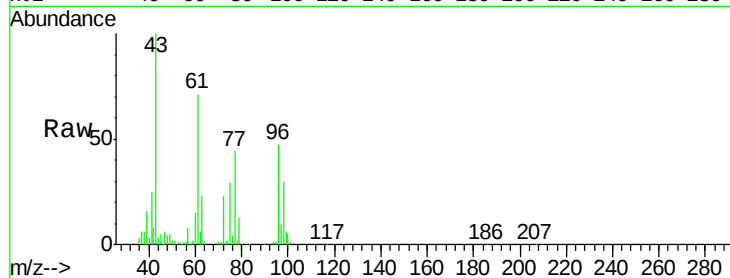
72 23.4 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.11 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003978.D

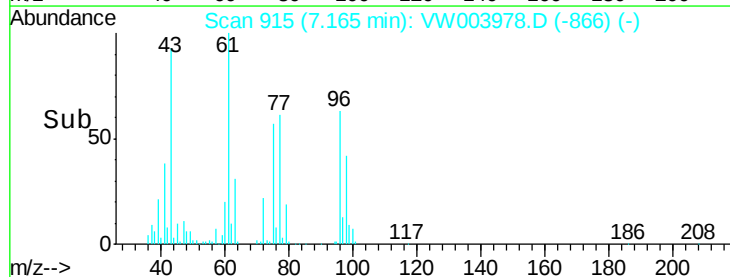
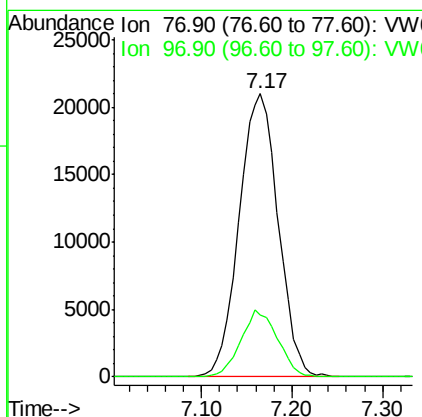
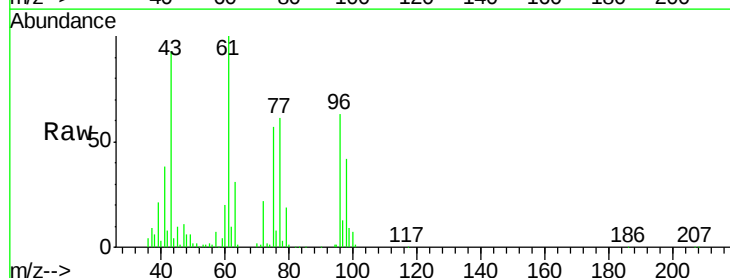
Acq: 17 Jul 2018 12:16

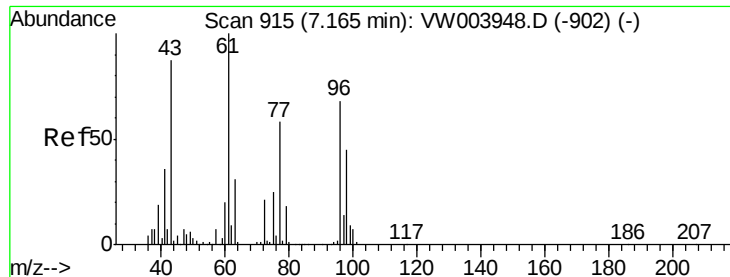
Tgt Ion: 77 Resp: 62576

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.3





#27

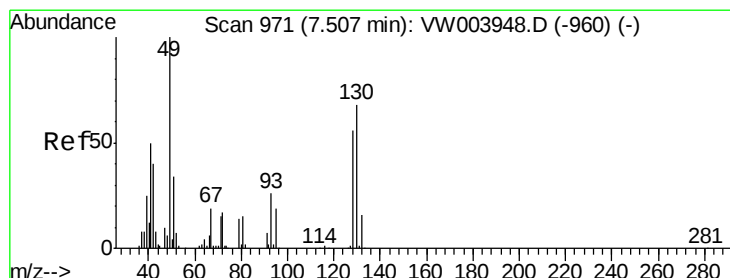
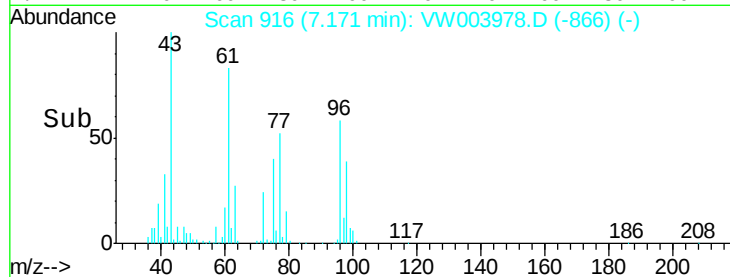
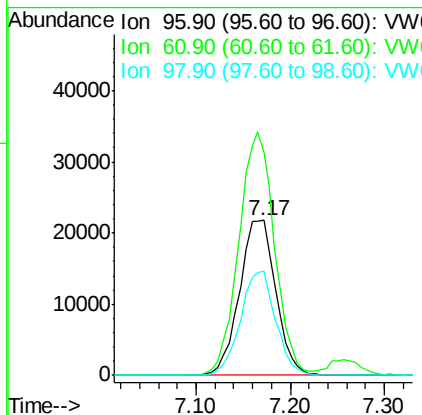
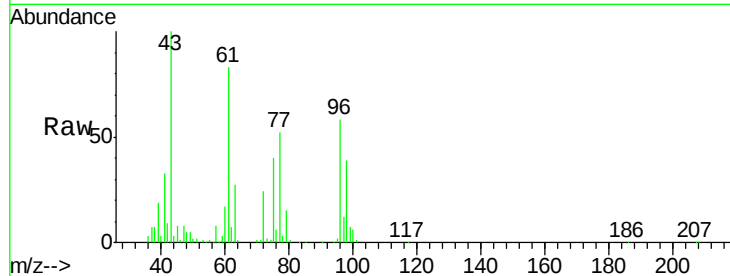
cis-1,2-Dichloroethene
 Concen: 20.58 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	298.6
98	64.7	0.0	130.4

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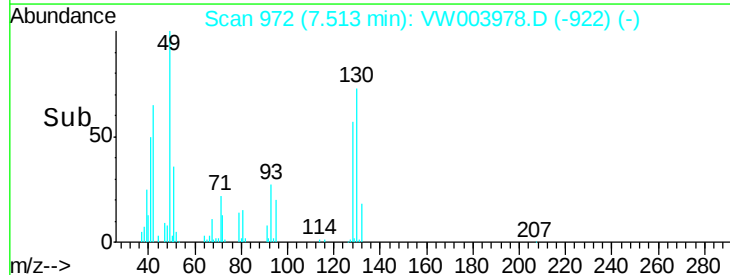
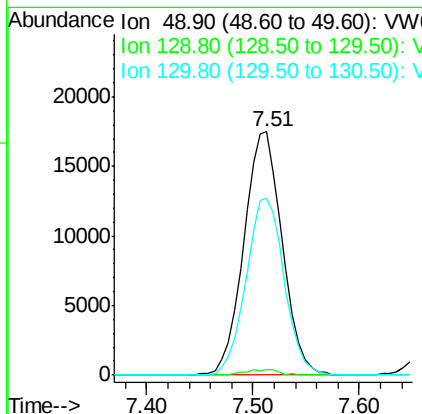
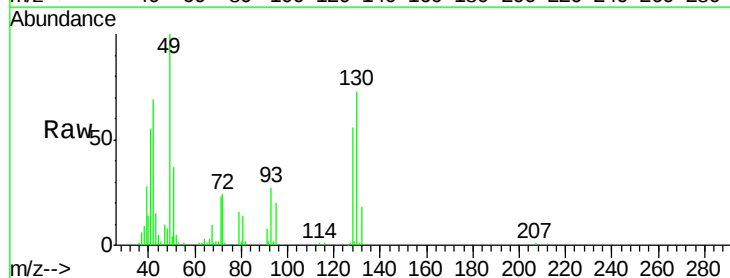
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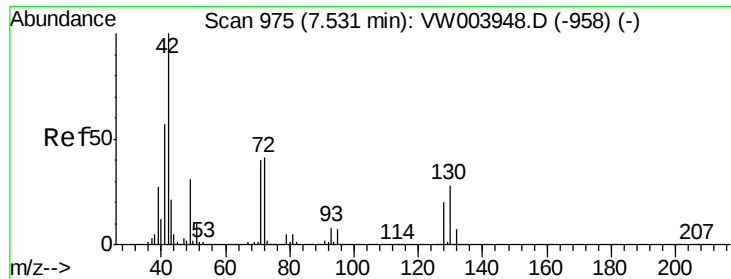


#28

Bromochloromethane
 Concen: 21.86 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.2
130	72.4	58.3	87.5





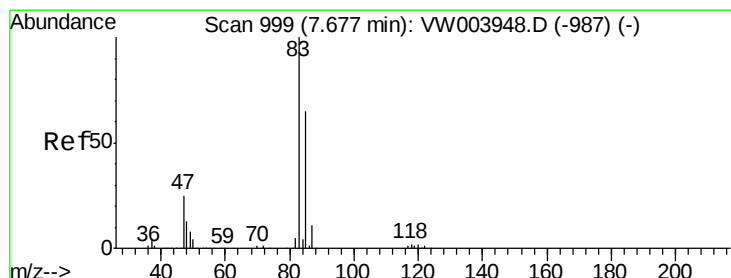
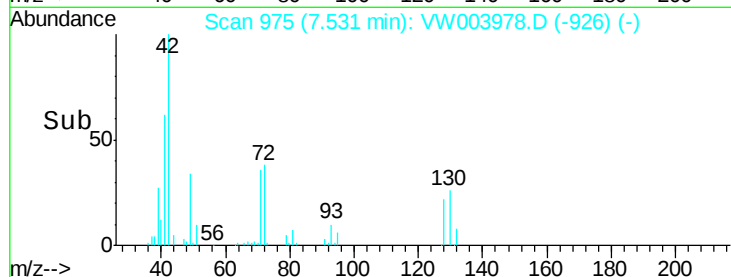
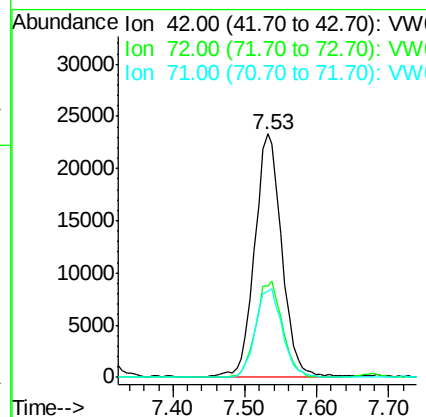
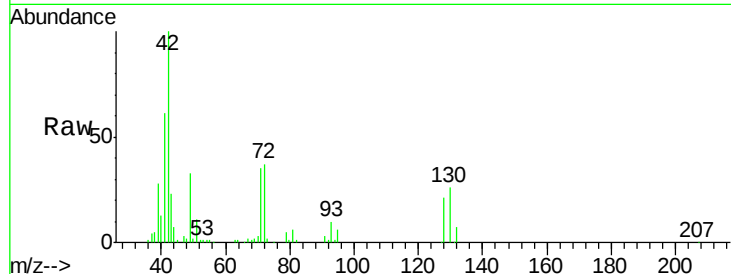
#29
Tetrahydrofuran
Concen: 109.13 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.5	32.6	48.8
71	36.1	30.5	45.7

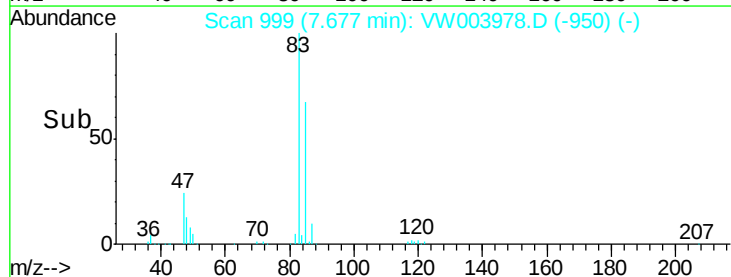
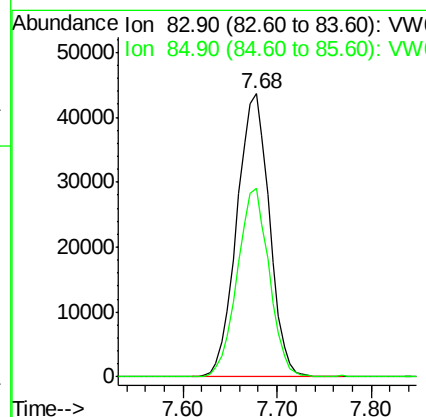
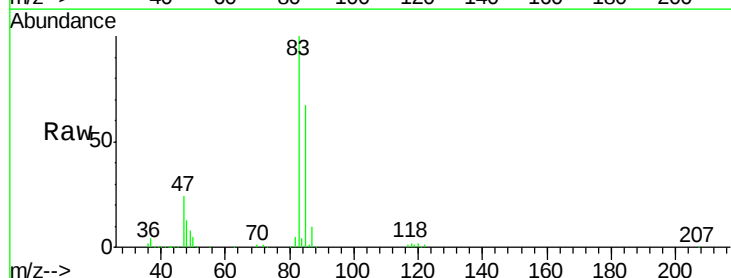
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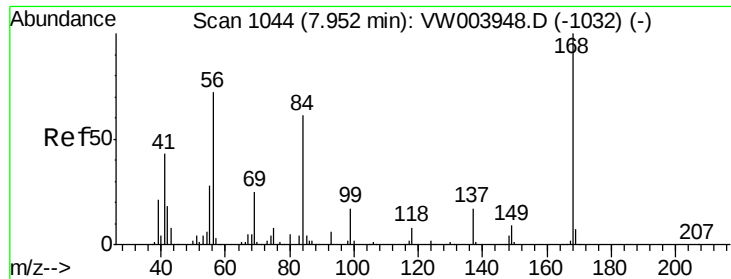
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#30
Chloroform
Concen: 21.43 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.2	78.4





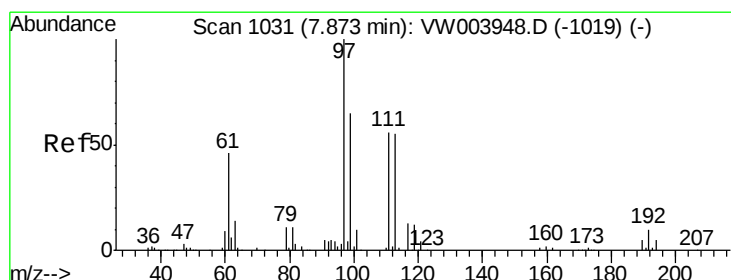
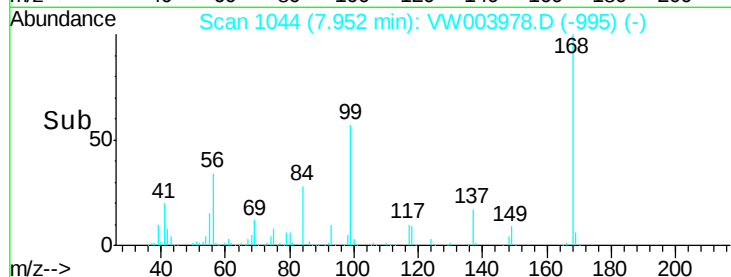
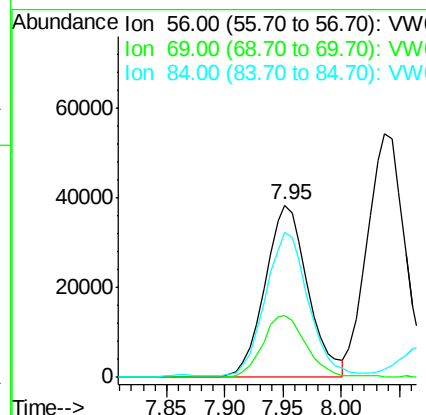
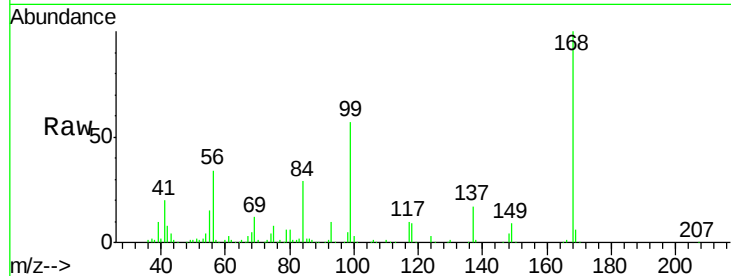
#31
Cyclohexane
Concen: 21.21 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	27.8	41.8
84	82.9	67.2	100.8

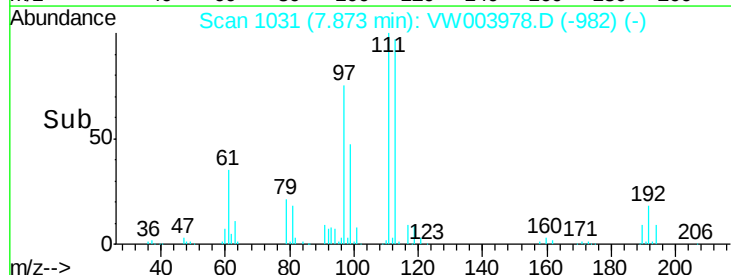
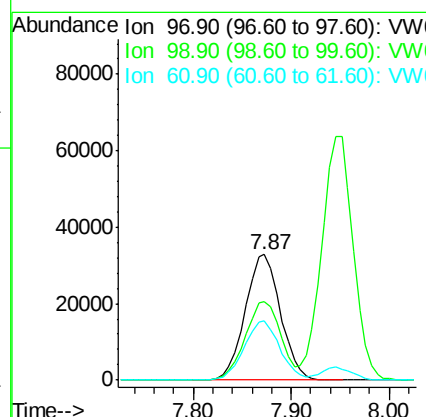
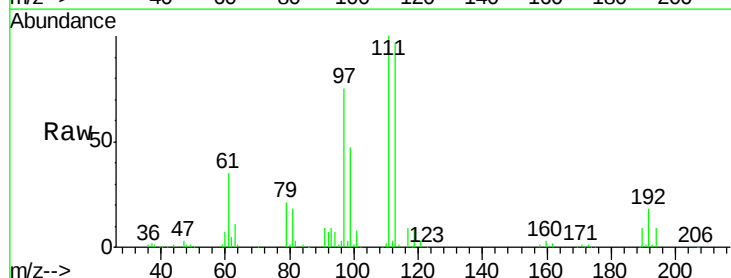
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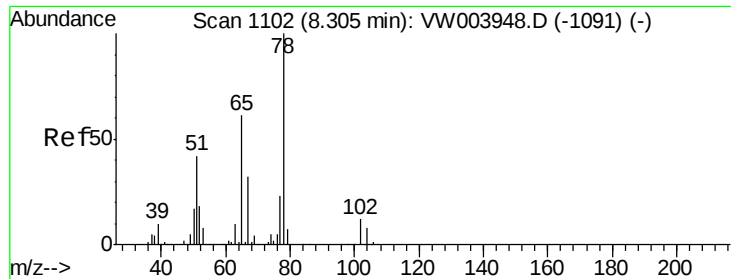
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#32
1,1,1-Trichloroethane
Concen: 21.43 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
97	100		
61	47.7	36.8	55.2
111	62.8	51.3	76.9





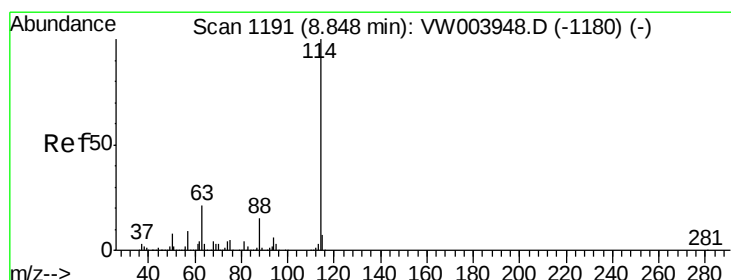
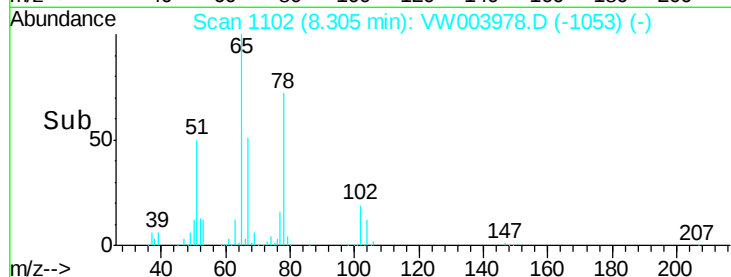
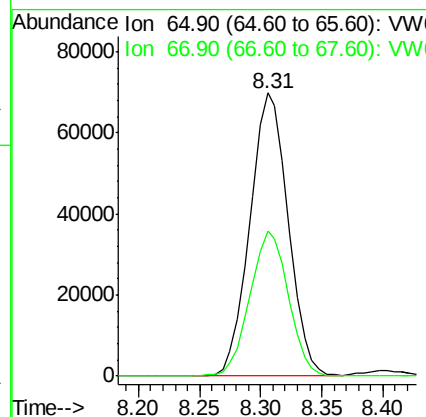
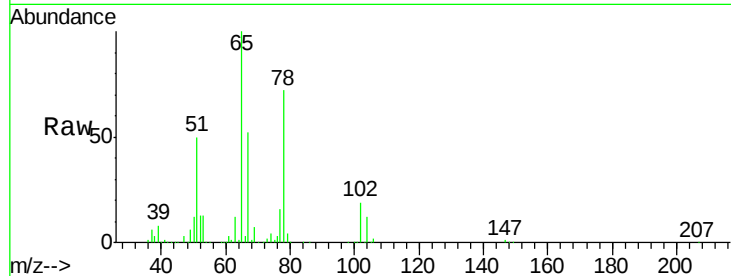
#33
 1,2-Dichloroethane-d4
 Concen: 54.65 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	152239		
67	51.6	0.0	105.0	

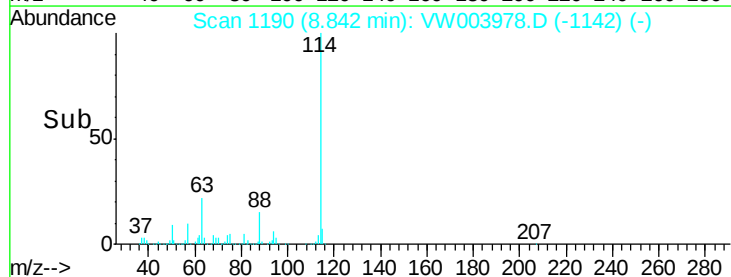
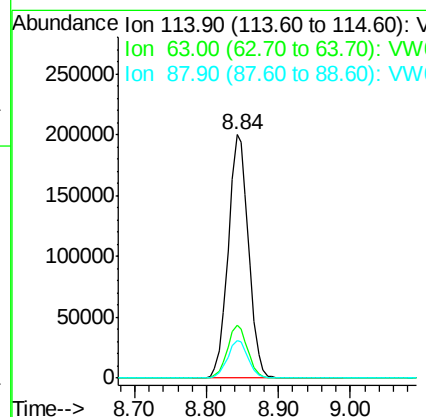
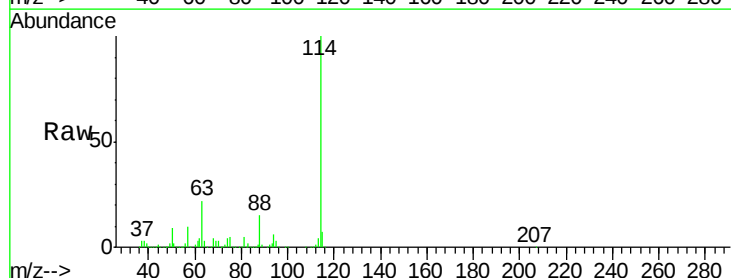
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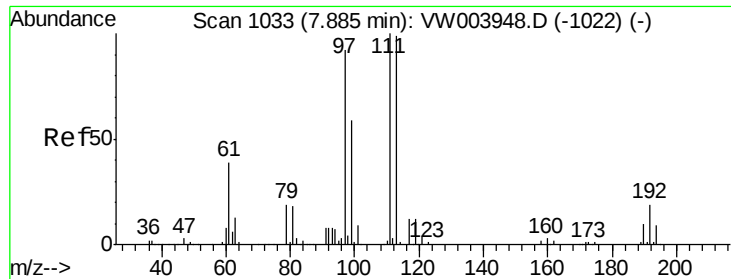
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	391237		
63	21.9	0.0	42.8	
88	15.2	0.0	30.4	





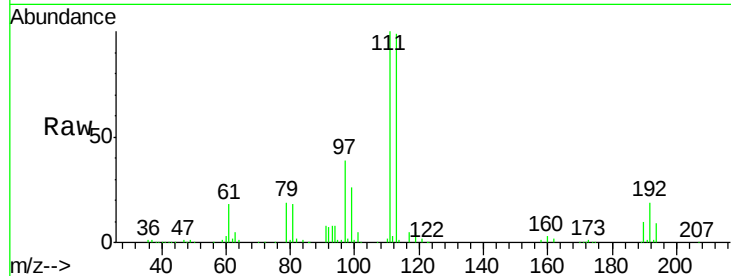
#35
Dibromofluoromethane
Concen: 52.31 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	131319		
111	102.6	81.3	121.9	
192	19.8	15.8	23.6	

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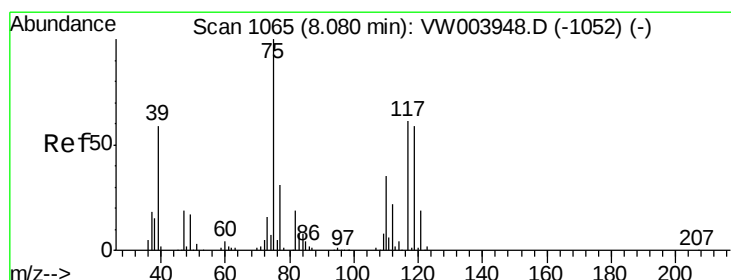
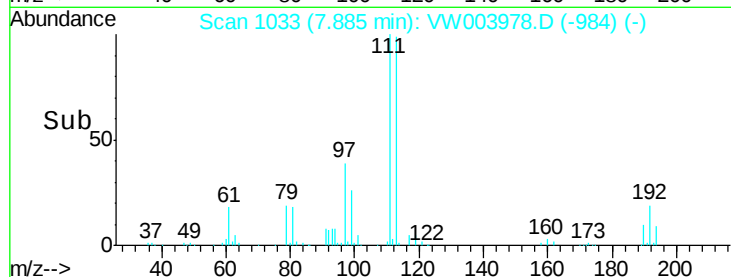
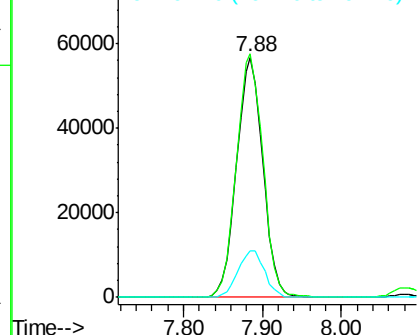


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 21.01 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

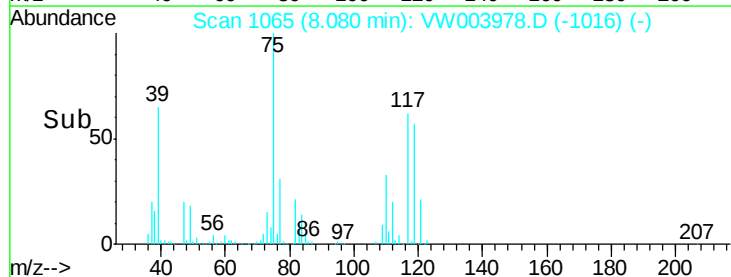
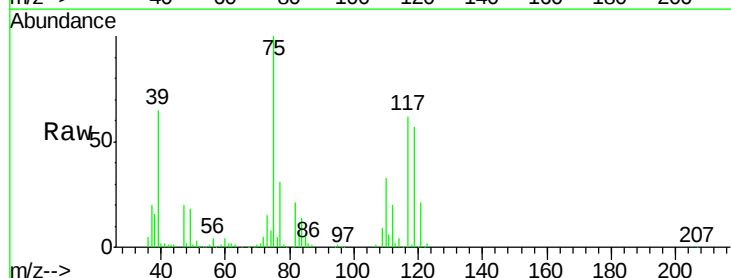
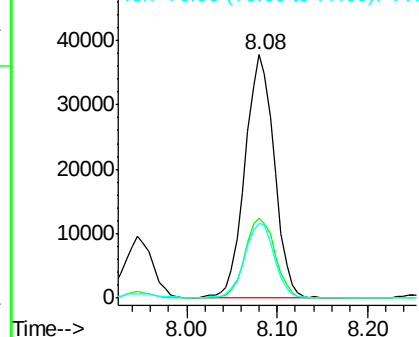
Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84575		
110	33.7	17.0	51.0	
77	31.8	24.9	37.3	

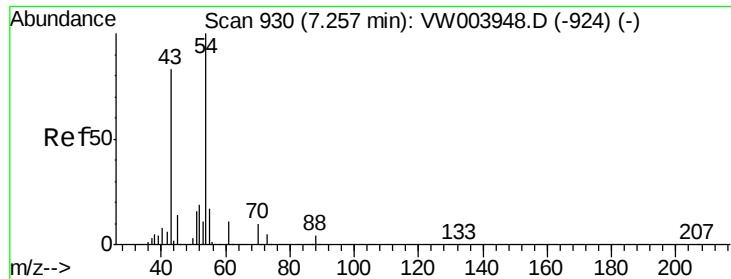
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 21.53 ug/l

RT: 7.26 min Scan# 930

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

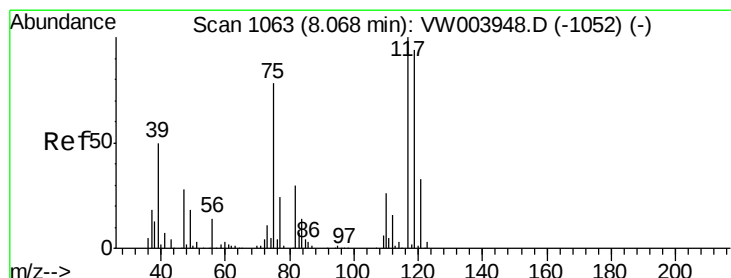
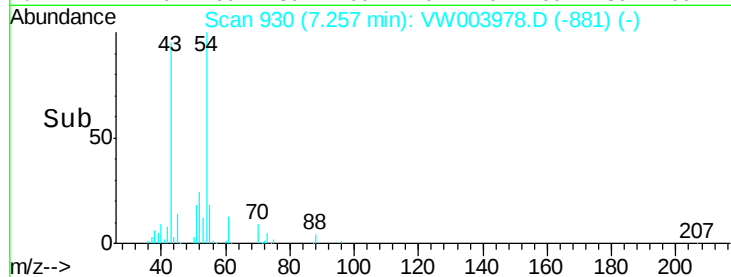
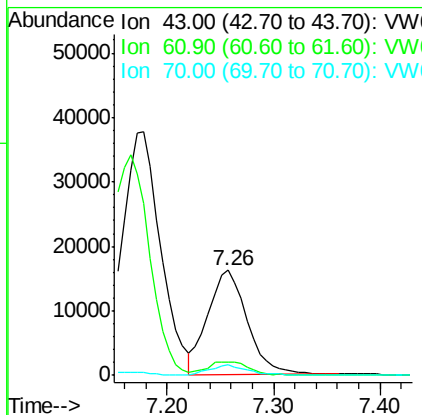
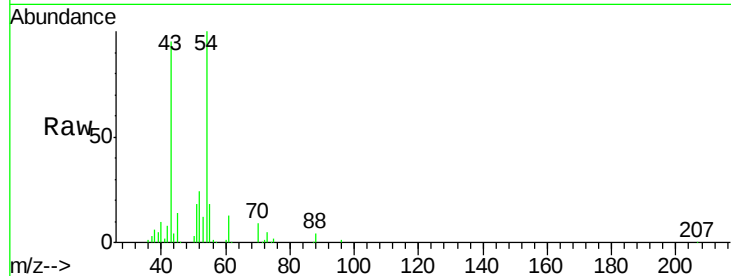
ClientSampleId :

VW0717SBS01

Tot Ion:	43	Resp:	41803
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	9.5	7.7	11.5

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#38

Carbon Tetrachloride

Concen: 20.95 ug/l

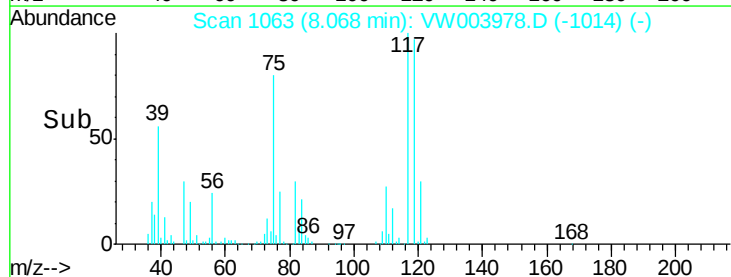
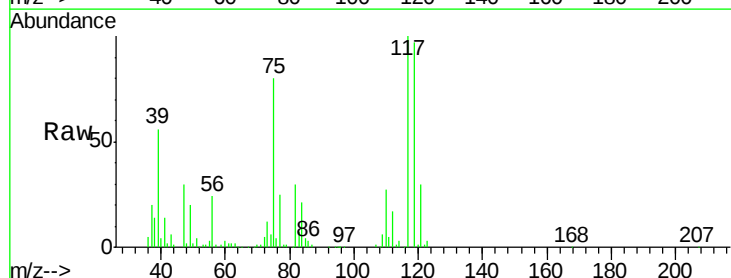
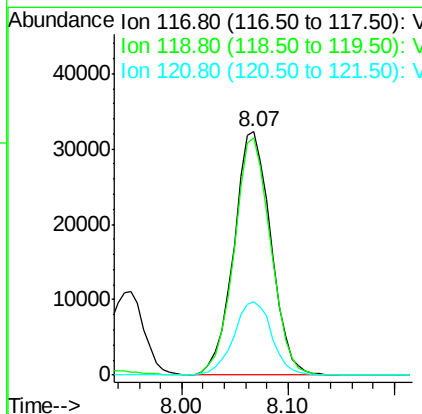
RT: 8.07 min Scan# 1063

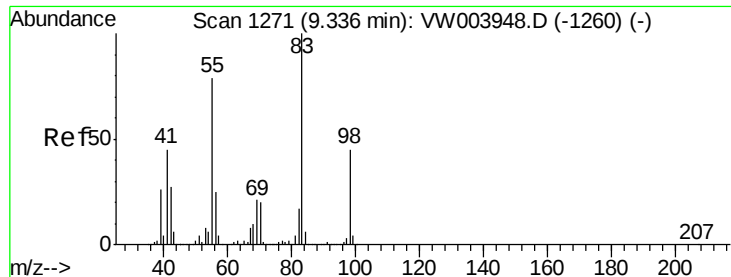
Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Tgt Ion:	117	Resp:	78787
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.3	112.9
121	30.2	26.0	39.0





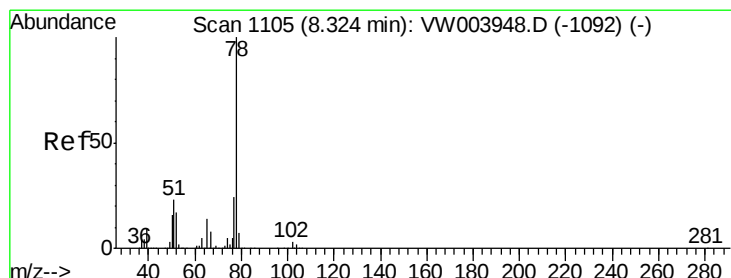
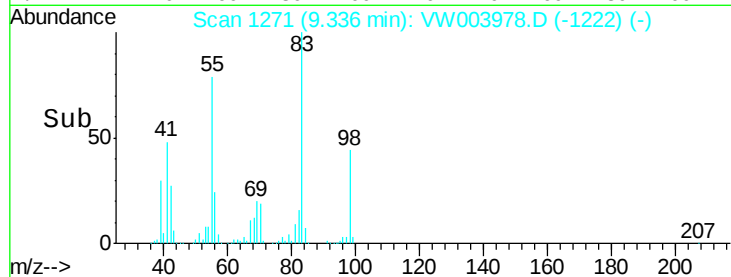
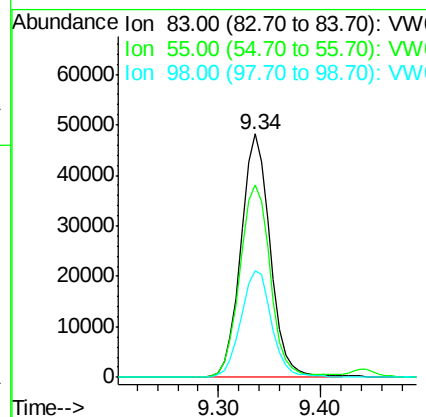
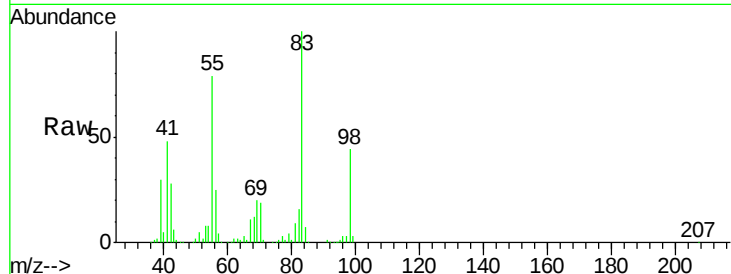
#39
Methvlcvclohexane
Concen: 20.33 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	62.8	94.2
98	43.9	36.2	54.4

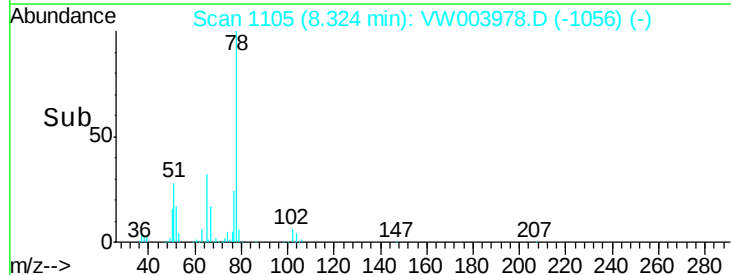
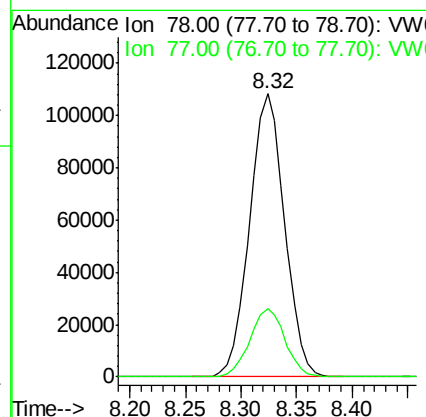
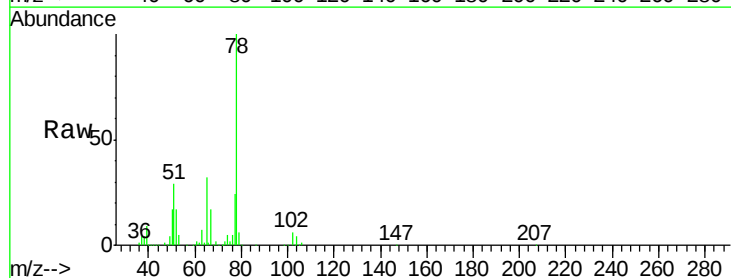
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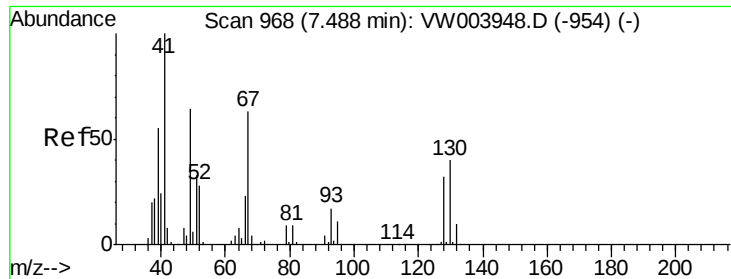
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#40
Benzene
Concen: 21.26 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3





#41

Methacrylonitrile

Concen: 19.79 ug/l

RT: 7.48 min Scan# 967

Delta R.T. -0.01 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

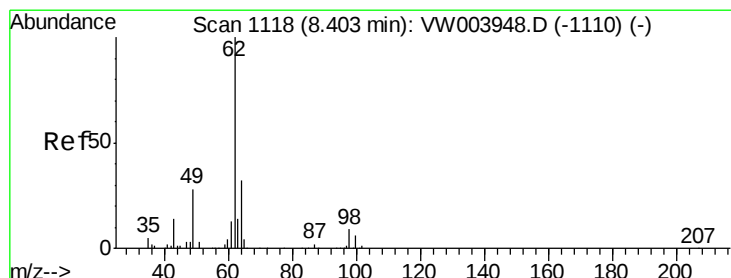
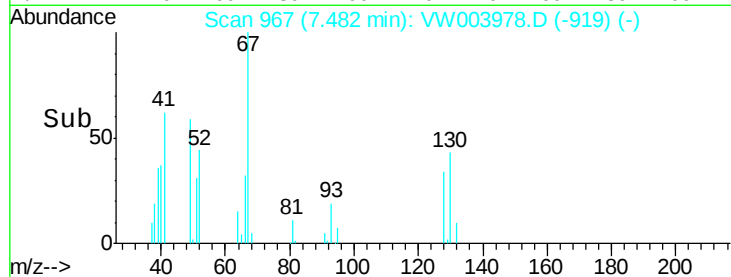
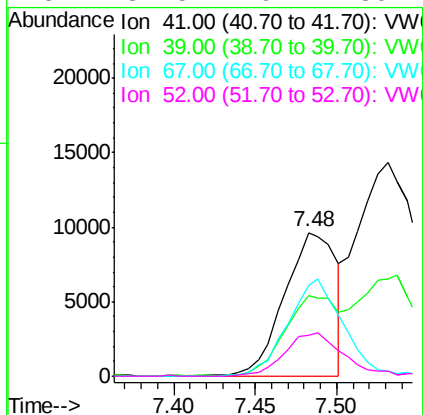
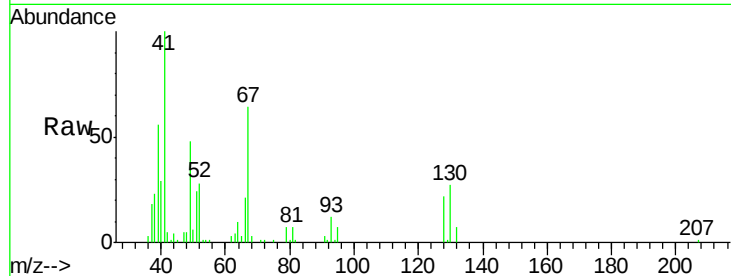
ClientSampleId :

VW0717SBS01

Tot Ion:	41	Resp:	21291
Ion	Ratio	Lower	Upper
41	100		
39	56.1	50.0	75.0
67	72.5	60.8	91.2
52	34.5	26.2	39.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 22.13 ug/l

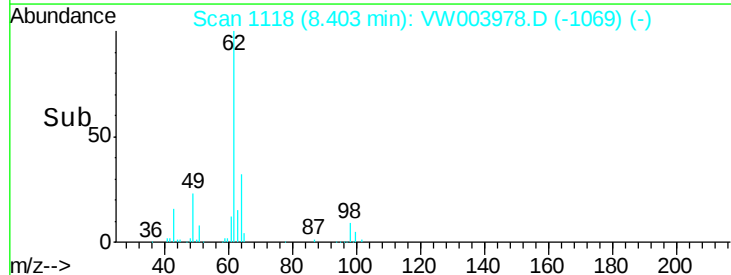
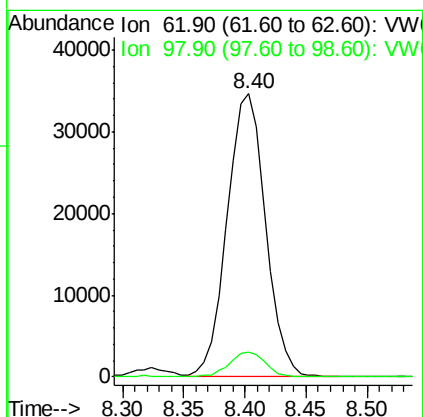
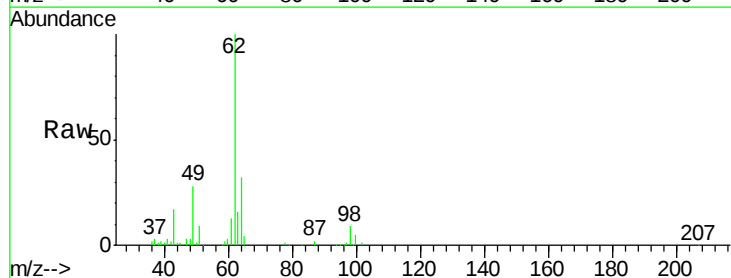
RT: 8.40 min Scan# 1118

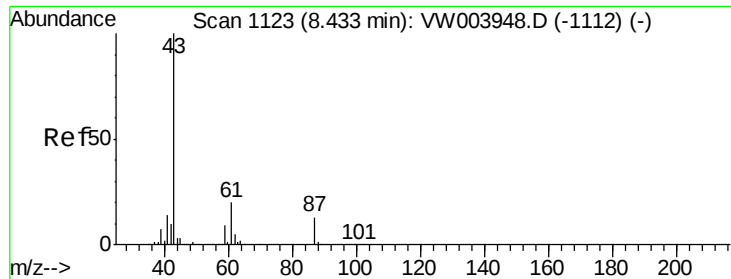
Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Tgt Ion:	62	Resp:	75399
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.4





#43

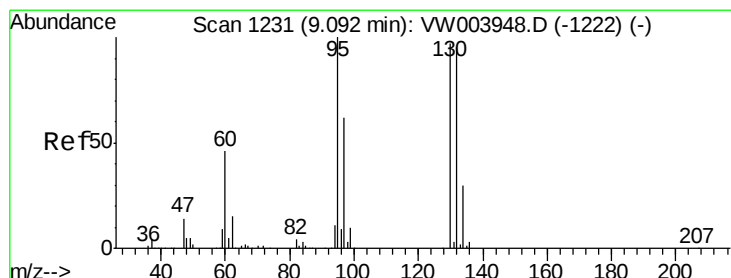
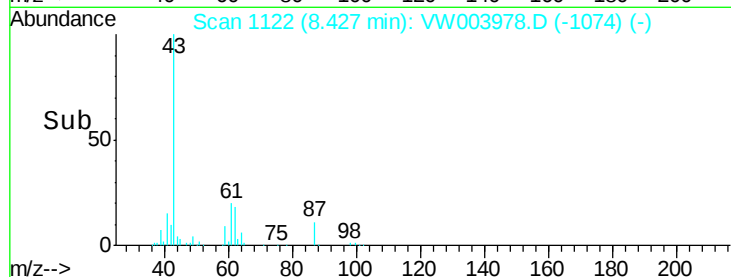
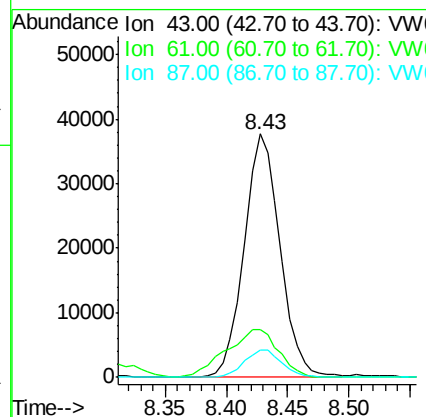
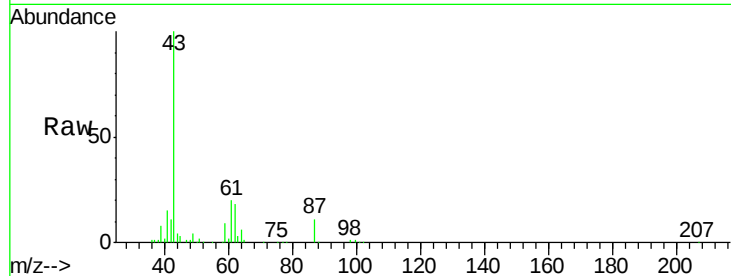
Isopropyl Acetate
 Concen: 21.19 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.0	34.6
87	11.8	9.9	14.9

Manual Integrations
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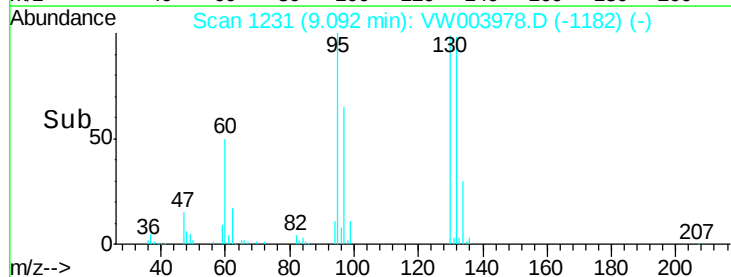
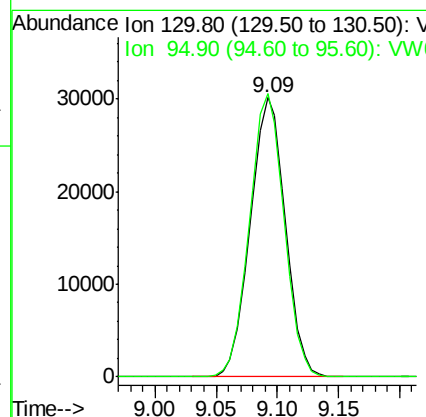
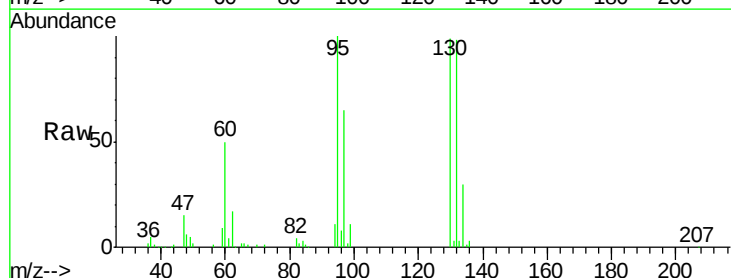
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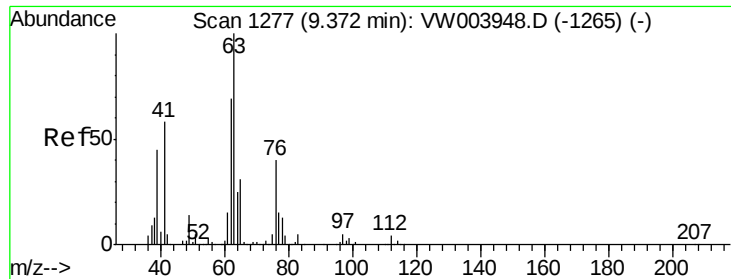


#44

Trichloroethene
 Concen: 20.74 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	206.8





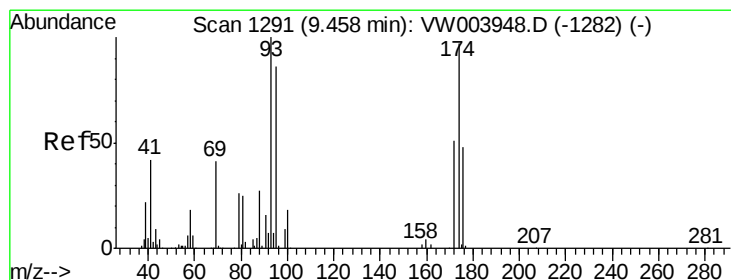
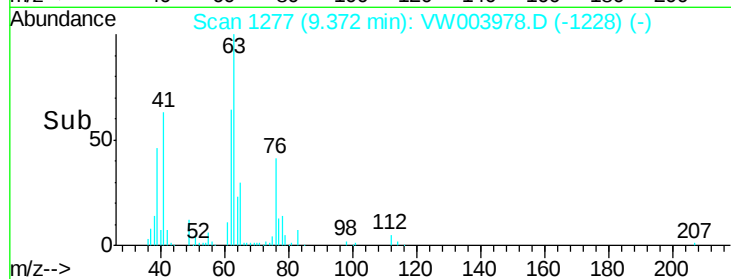
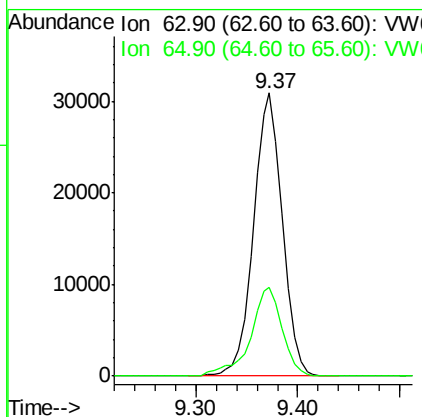
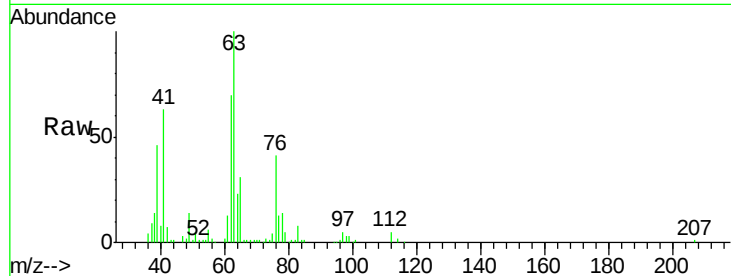
#45
 1,2-Dichloropropane
 Concen: 21.32 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.8	37.2

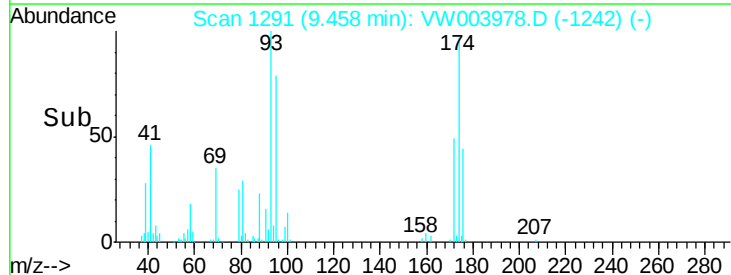
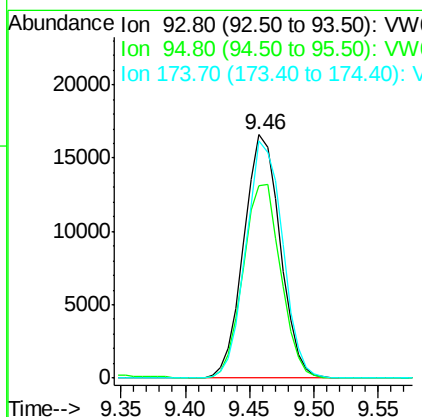
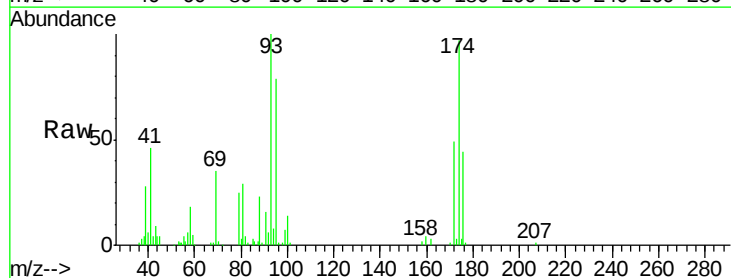
Manual Integrations
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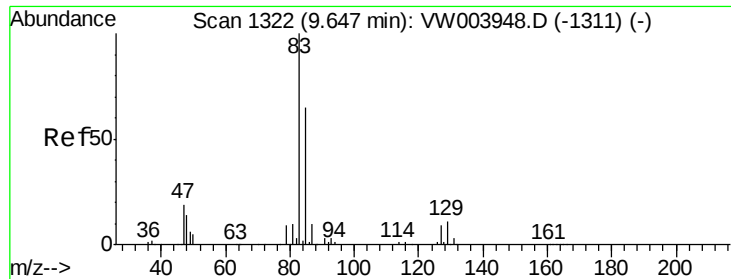
apatel
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#46
 Dibromomethane
 Concen: 21.96 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.9	100.3
174	97.8	80.2	120.2





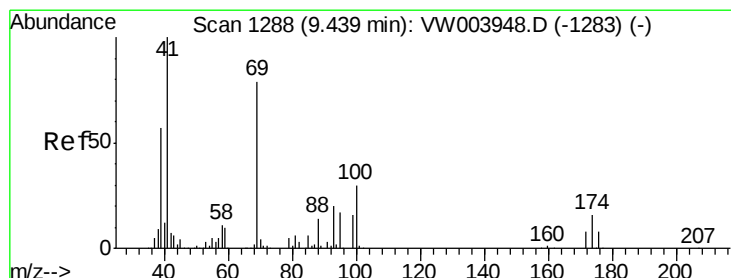
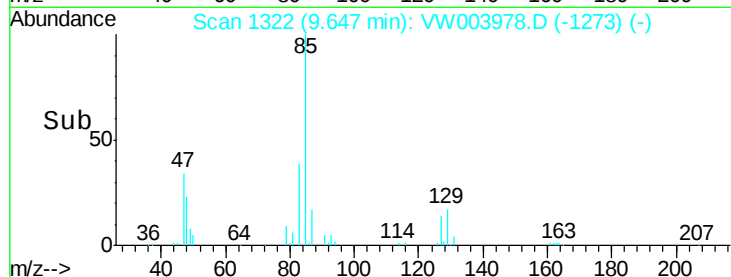
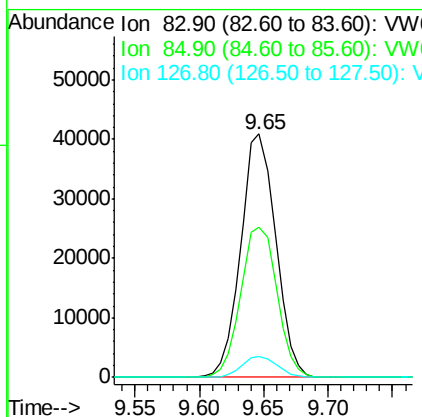
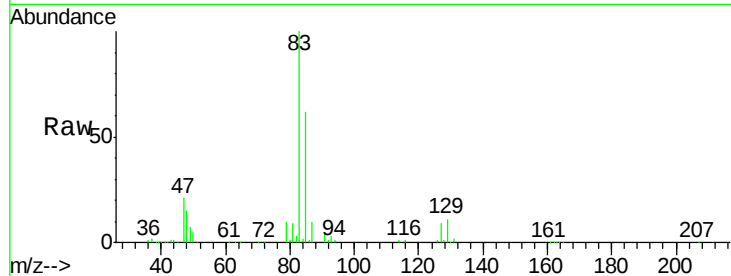
#47
Bromodichloromethane
Concen: 21.13 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	83	Resp	77038
Ion Ratio	100	Lower	Upper
83	100		
85	61.9	52.2	78.2
127	8.8	7.0	10.4

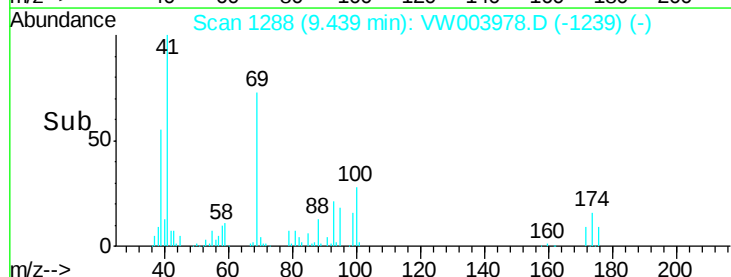
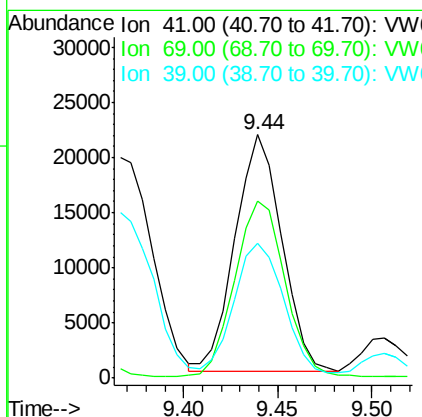
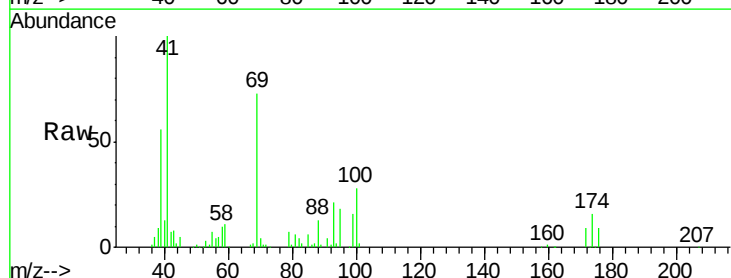
Manual Integrations
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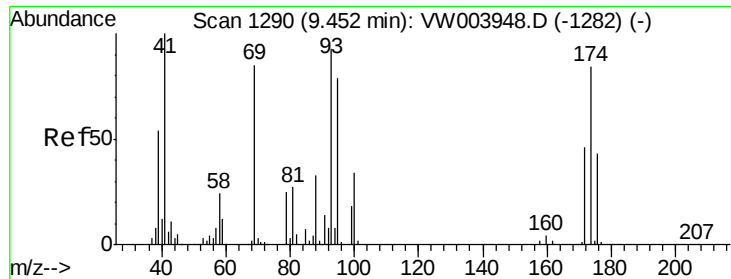
apatel
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#48
Methyl methacrylate
Concen: 20.93 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	41	Resp	36754
Ion Ratio	100	Lower	Upper
41	100		
69	82.0	67.0	100.6
39	62.1	48.8	73.2





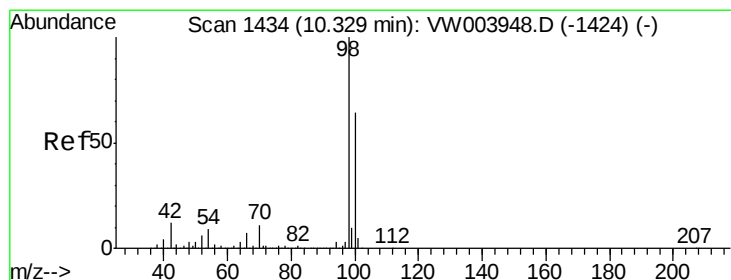
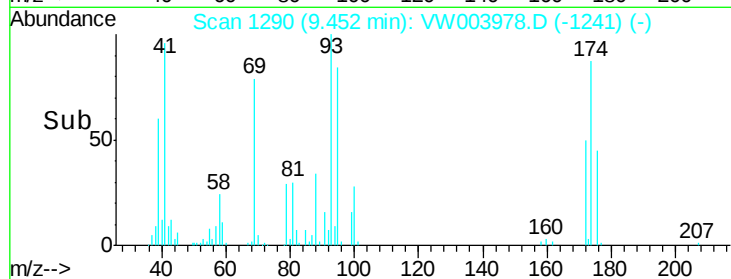
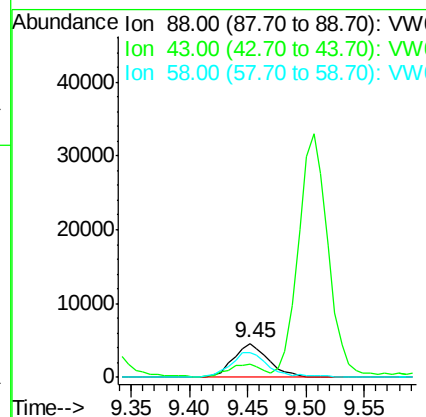
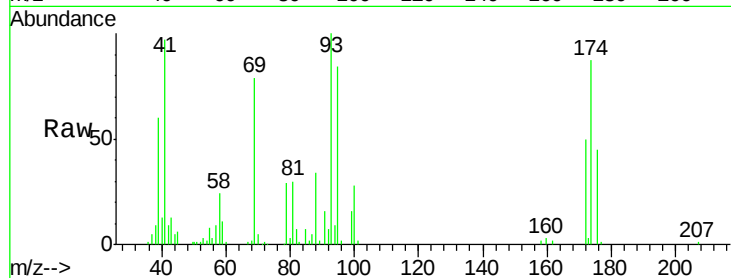
#49
1,4-Dioxane
Concen: 424.81 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	27.3	40.9
58	80.7	61.1	91.7

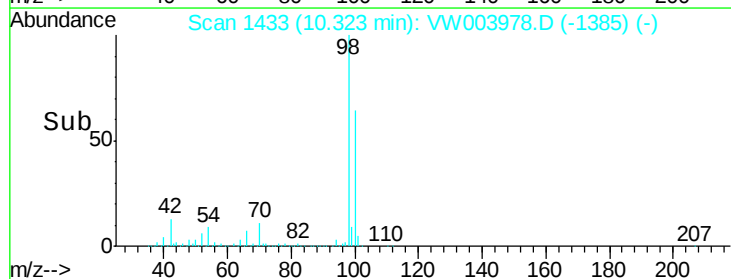
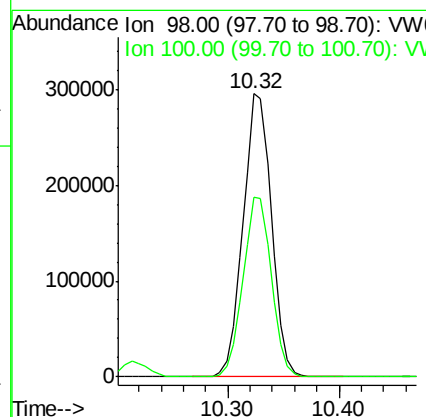
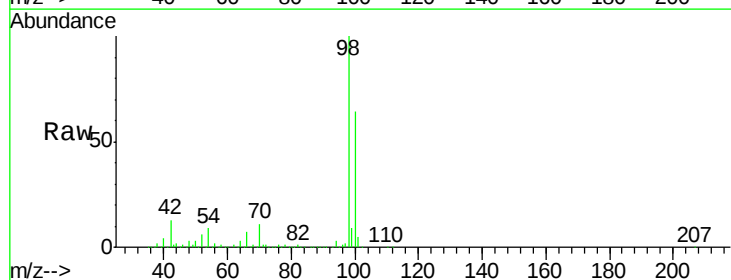
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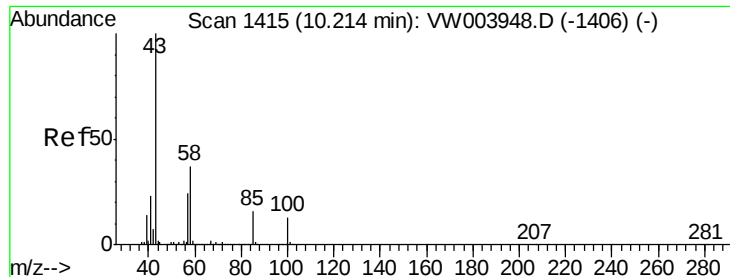
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#50
Toluene-d8
Concen: 53.54 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 107.54 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

ClientSampled :

VW0717SBS01

Tot Ion: 43 Resp: 208047

Ion Ratio Lower Upper

43 100

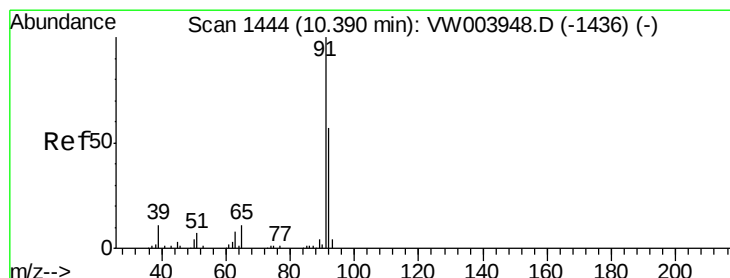
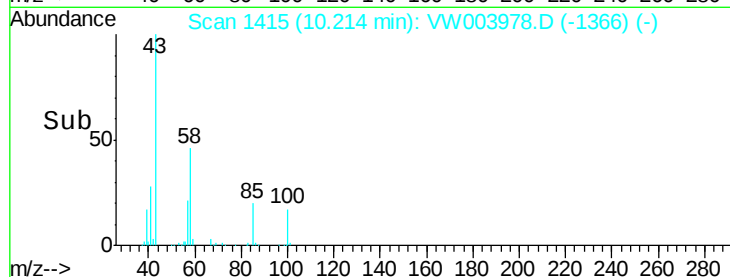
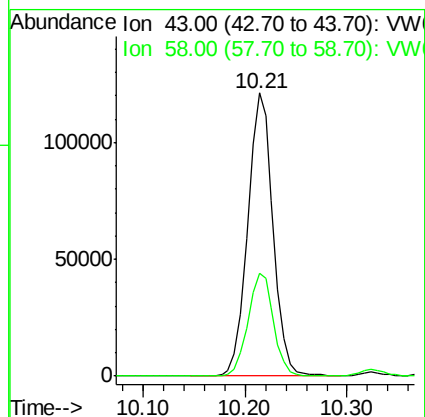
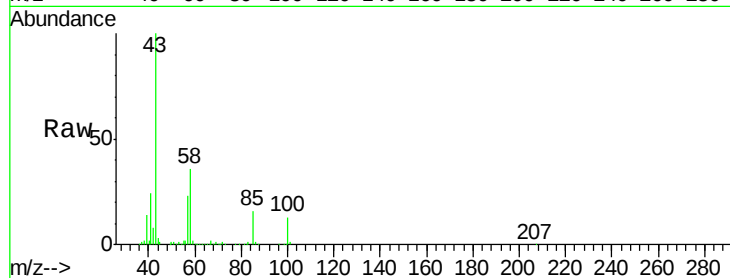
58 36.7 29.9 44.9

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#52

Toluene

Concen: 21.41 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003978.D

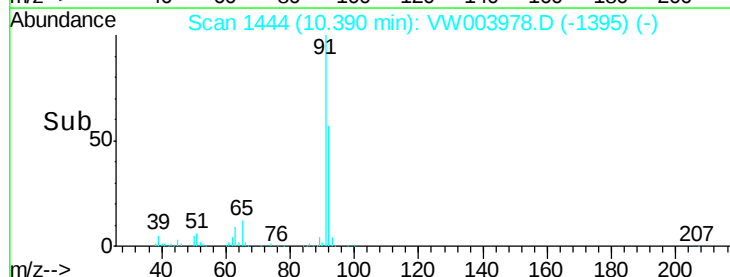
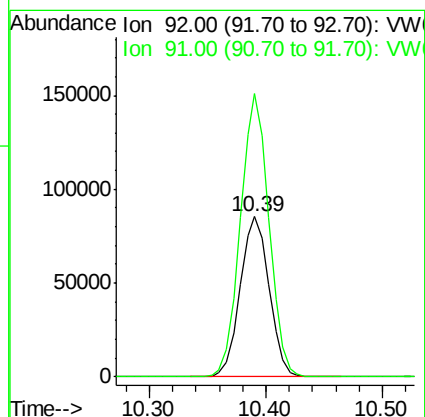
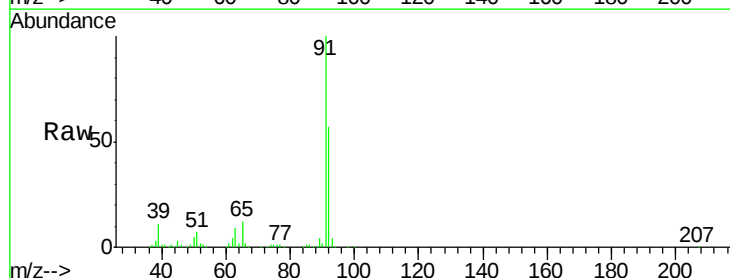
Acq: 17 Jul 2018 12:16

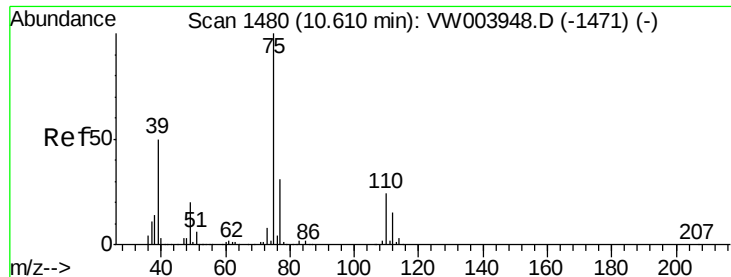
Tgt Ion: 92 Resp: 147821

Ion Ratio Lower Upper

92 100

91 174.0 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.74 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

ClientSampled :

VW0717SBS01

Tot Ion: 75 Resp: 79084

Ion Ratio Lower Upper

75 100

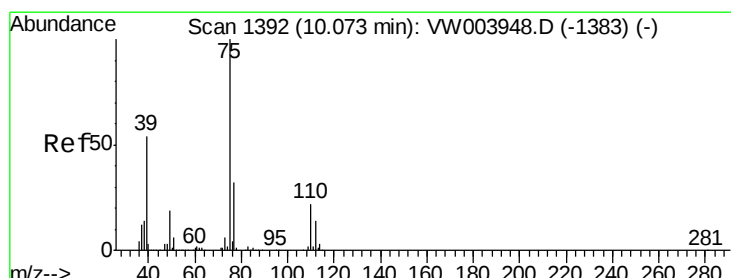
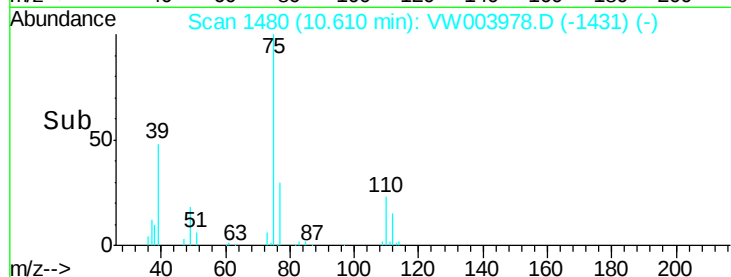
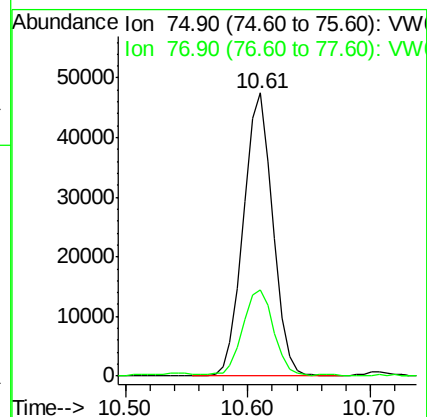
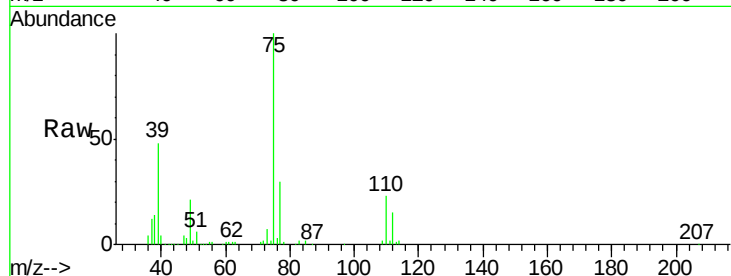
77 30.1 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.85 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

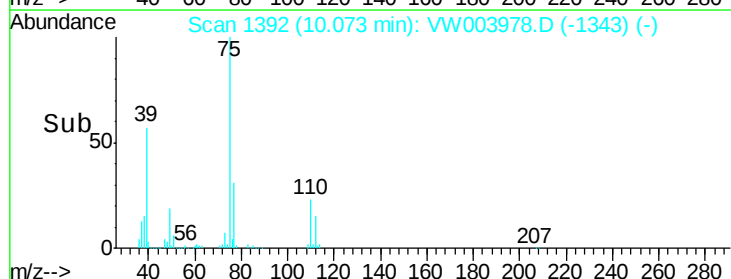
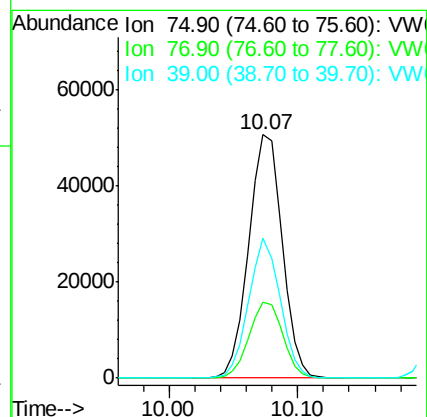
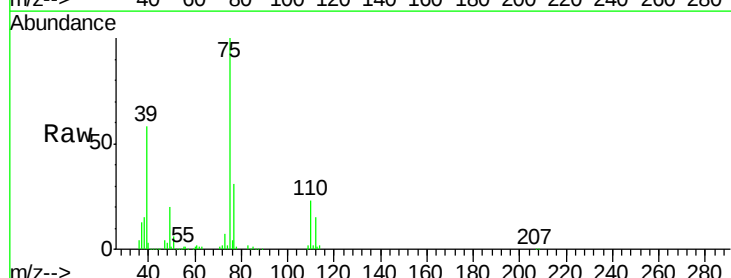
Tgt Ion: 75 Resp: 90933

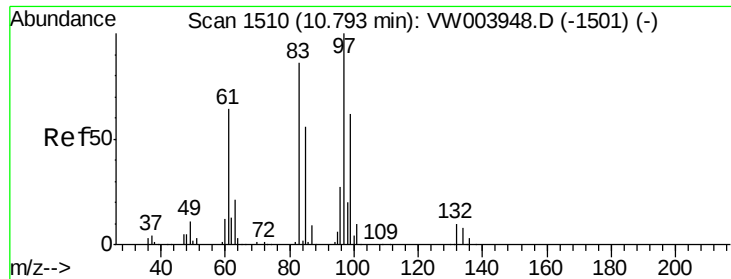
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 57.7 43.0 64.6





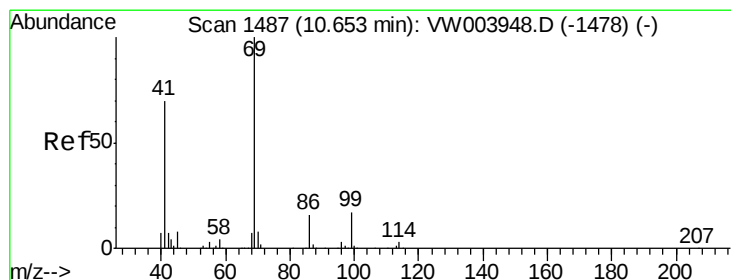
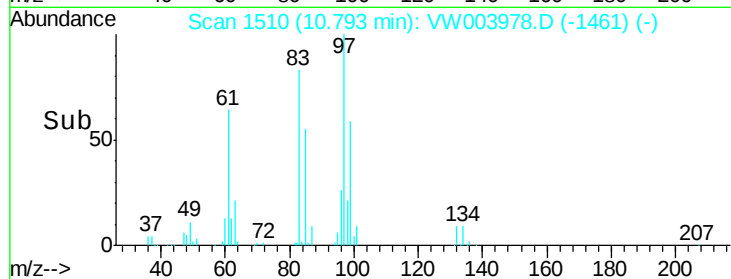
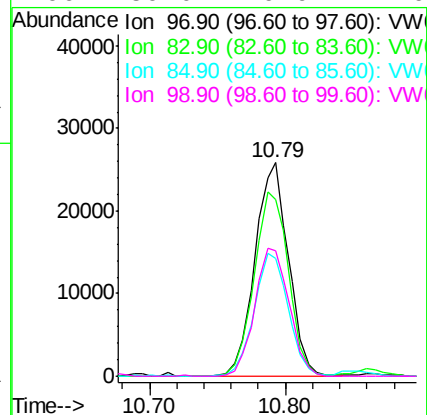
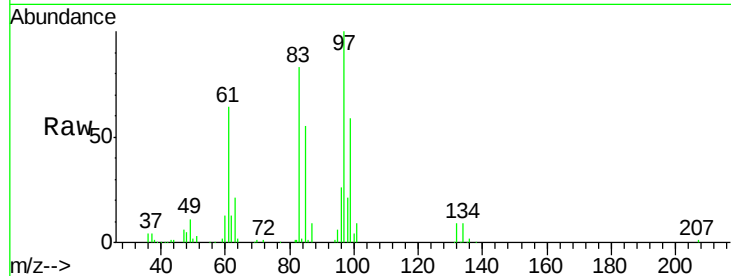
#55
 1,1,2-Trichloroethane
 Concen: 21.56 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		44852		
83	82.5	69.0	103.4		
85	55.0	45.0	67.6		
99	59.0	49.9	74.9		

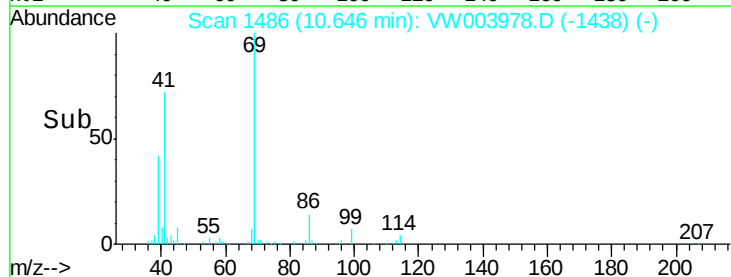
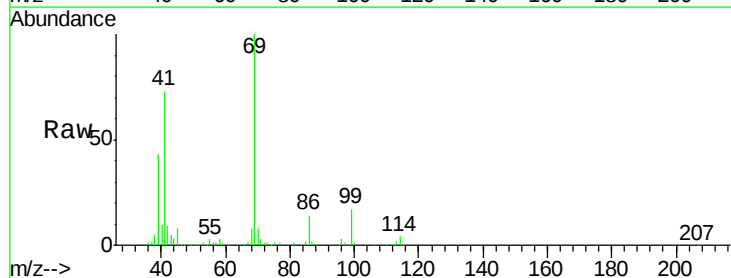
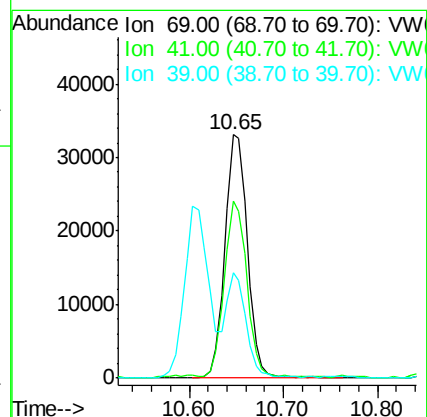
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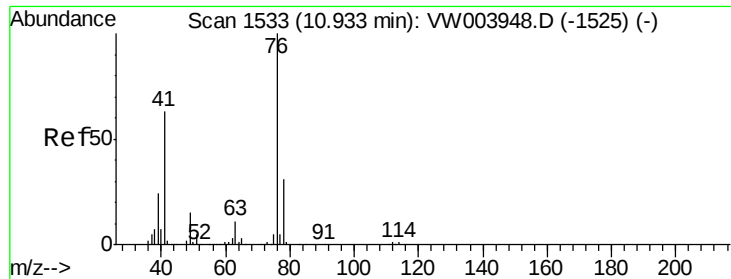
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#56
 Ethyl methacrylate
 Concen: 20.31 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		54912		
41	71.9	56.5	84.7		
39	35.6	30.2	45.4		





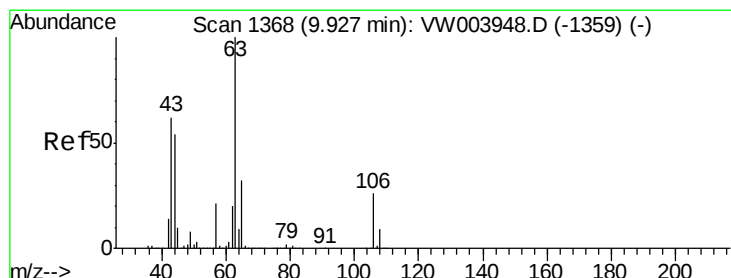
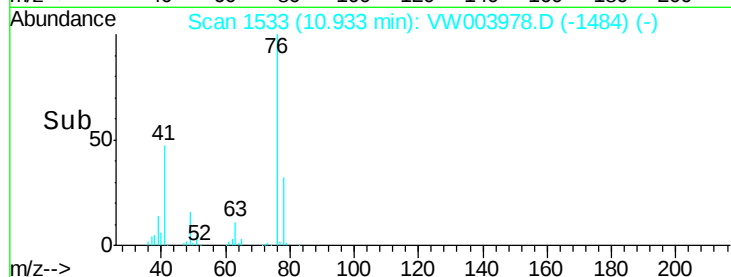
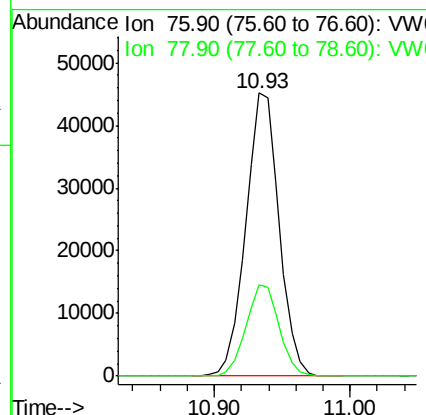
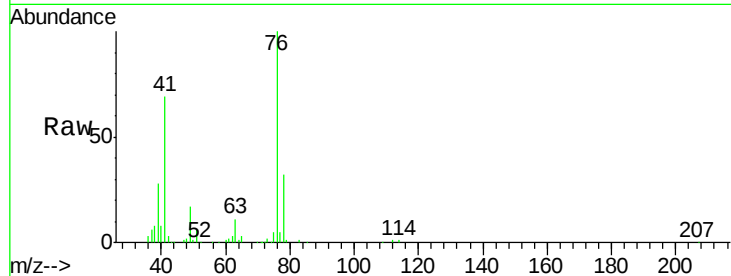
#57
 1,3-Dichloropropane
 Concen: 21.38 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion: 76 Resp: 77282
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8

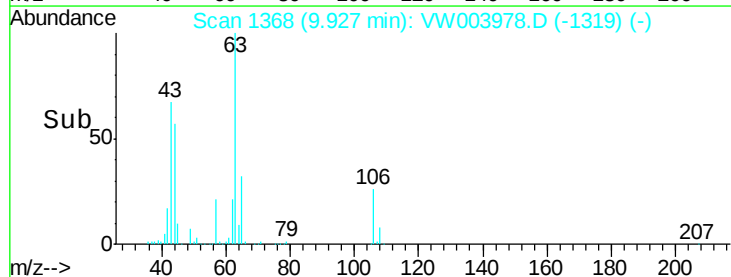
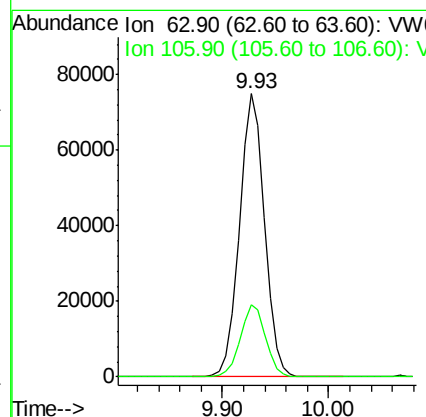
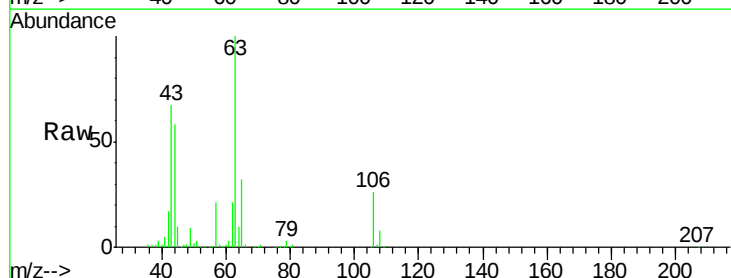
Manual Integrations
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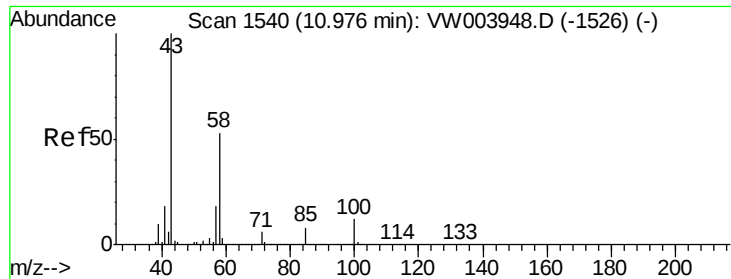
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.12 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Tgt Ion: 63 Resp: 123553
 Ion Ratio Lower Upper
 63 100
 106 25.6 21.2 31.8





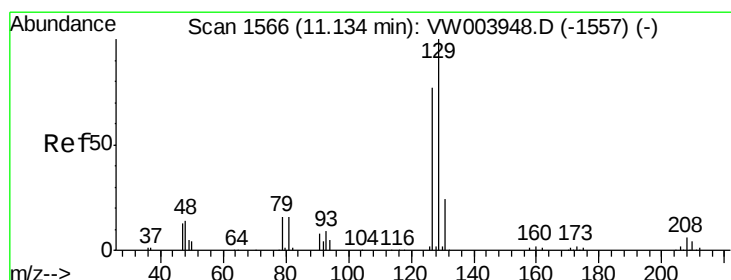
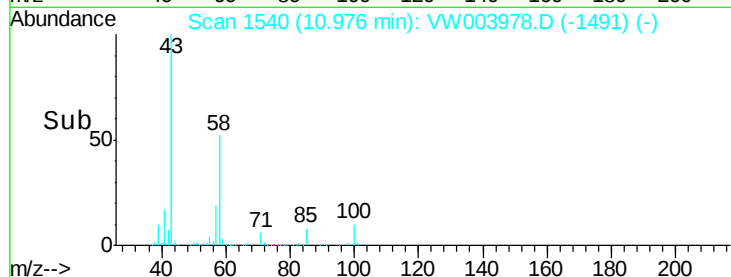
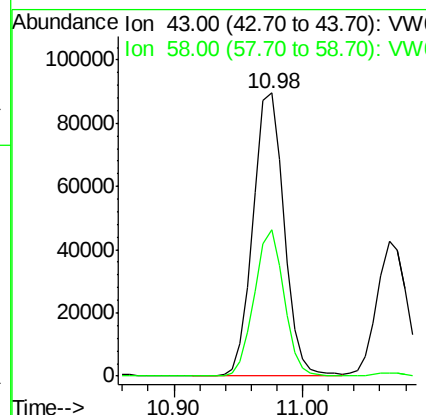
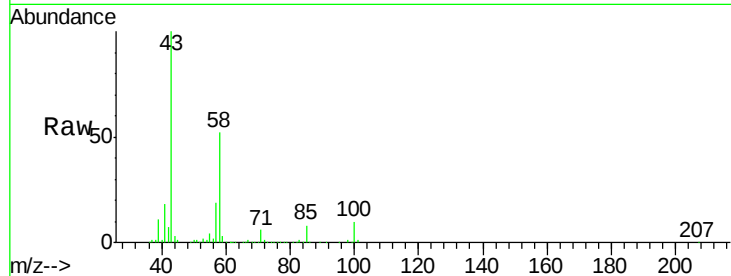
#59
2-Hexanone
Concen: 109.07 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion: 43 Resp: 148730
Ion Ratio Lower Upper
43 100
58 49.5 26.0 78.0

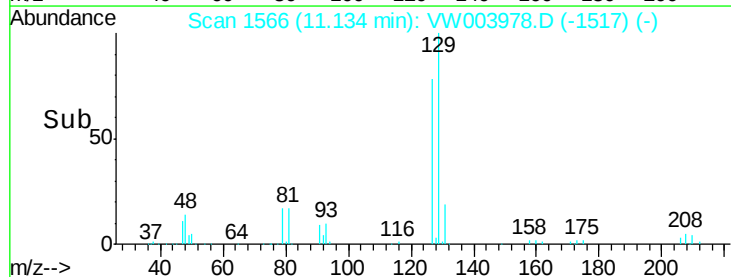
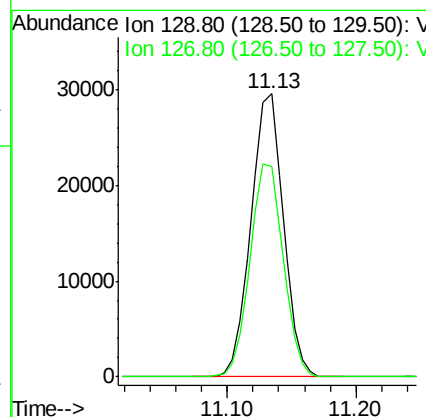
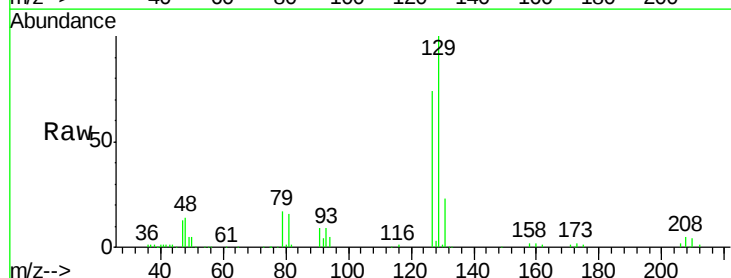
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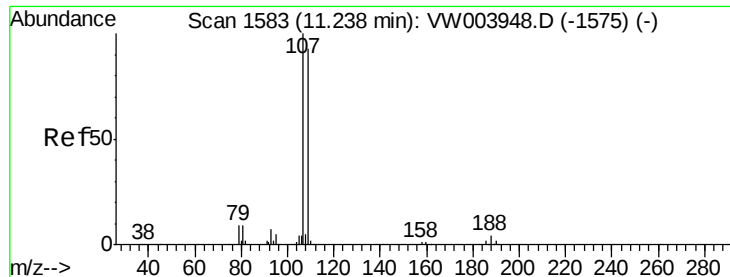
apatel
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#60
Dibromochloromethane
Concen: 21.24 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion: 129 Resp: 51454
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





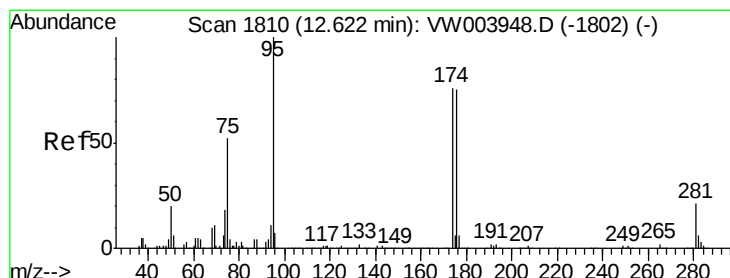
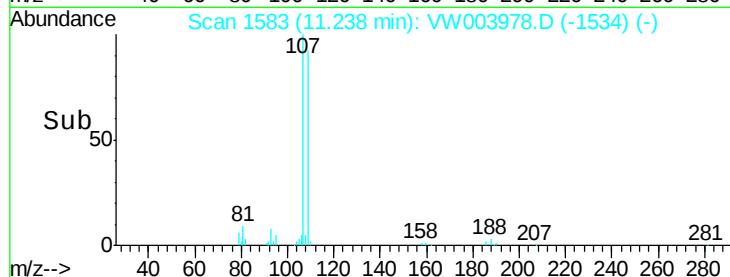
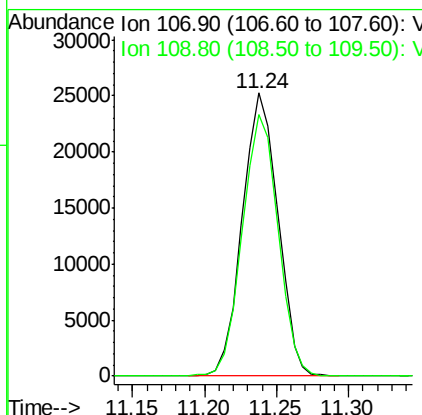
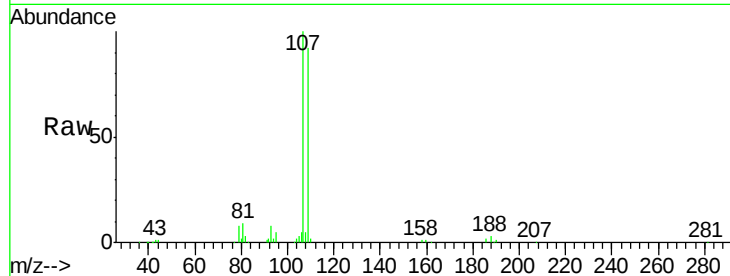
#61
 1,2-Dibromoethane
 Concen: 21.86 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion: 107 Resp: 43264
 Ion Ratio Lower Upper
 107 100
 109 92.5 74.3 111.5

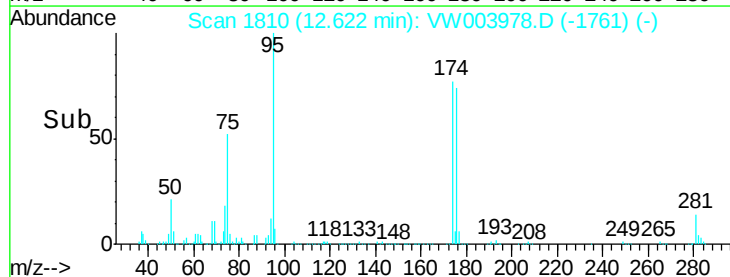
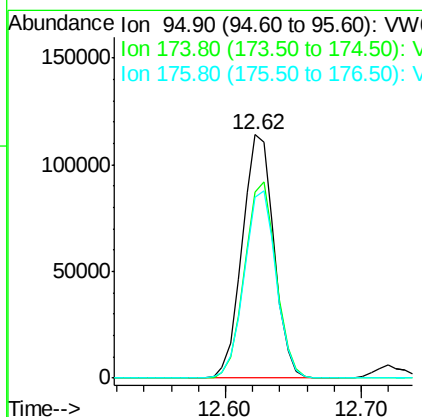
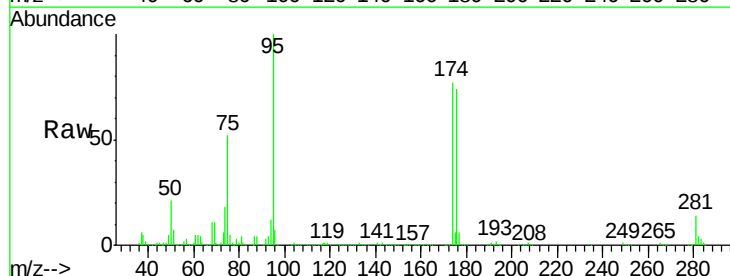
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 52.82 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Tgt Ion: 95 Resp: 185531
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 160.2
 176 77.3 0.0 155.8





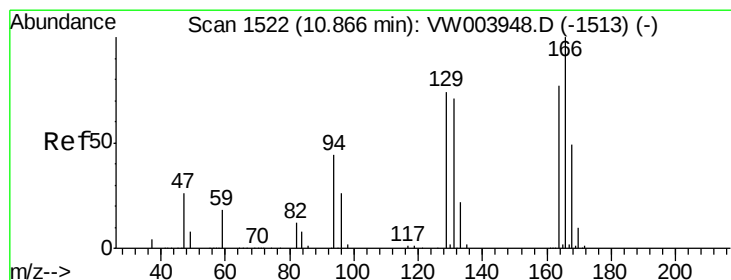
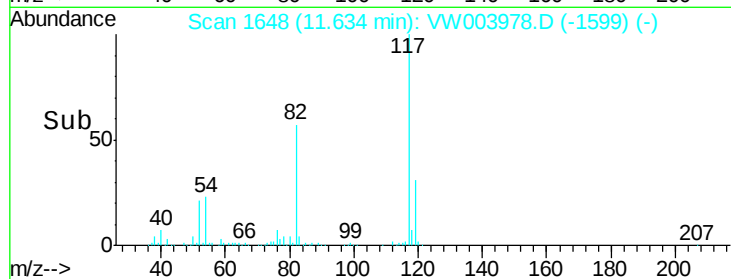
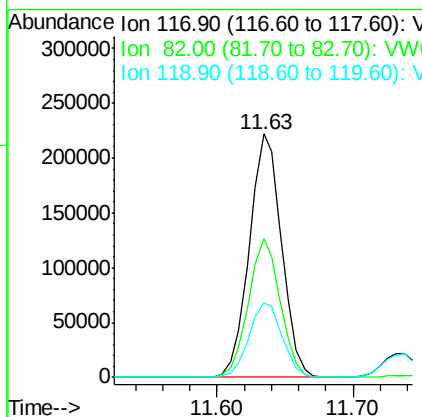
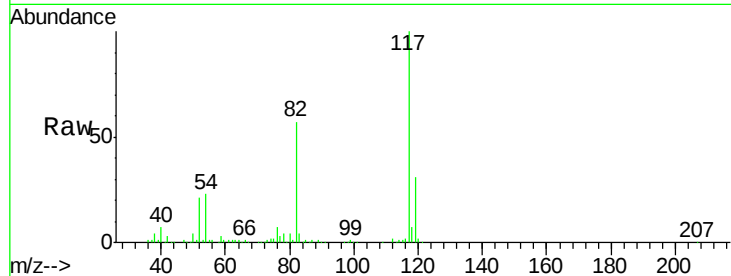
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	367524		
82	57.1	46.5	69.7	
119	30.8	26.2	39.2	

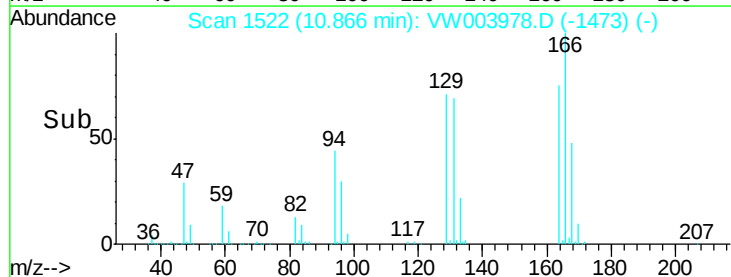
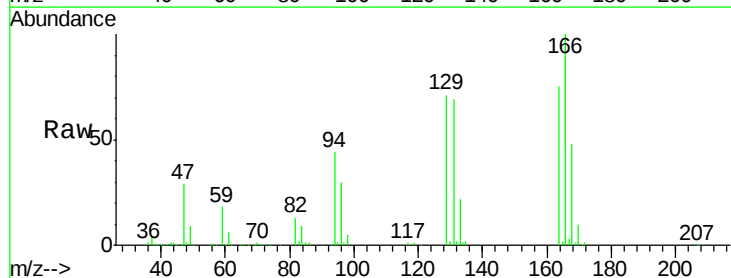
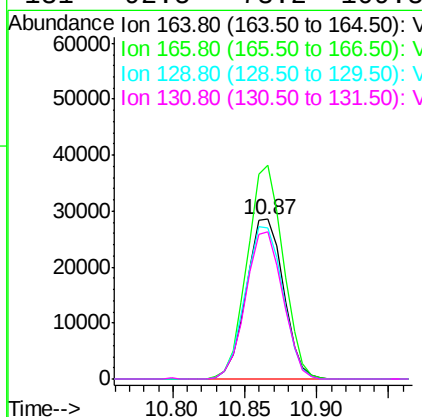
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.27 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51113		
166	133.8	103.5	155.3	
129	94.6	76.8	115.2	
131	92.5	73.2	109.8	





#65

Chlorobenzene

Concen: 20.38 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

Tot Ion:112 Resp: 159252

Ion Ratio Lower Upper

112 100

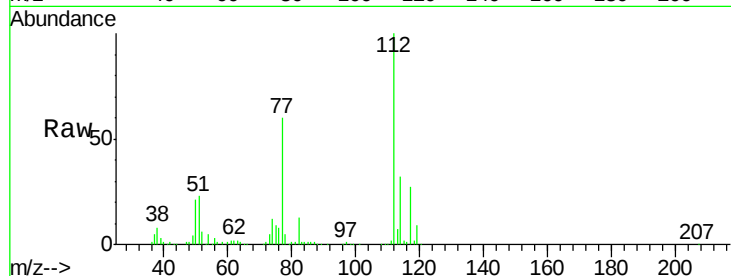
114 31.6 25.2 37.8

Manual Integrations

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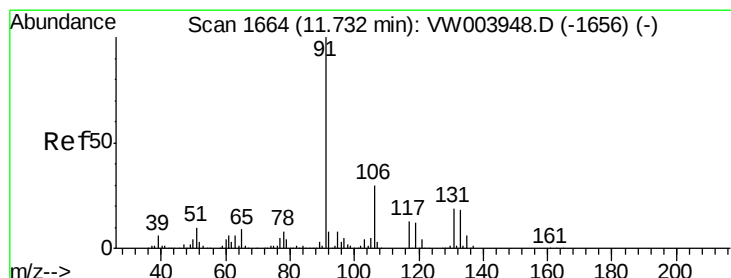
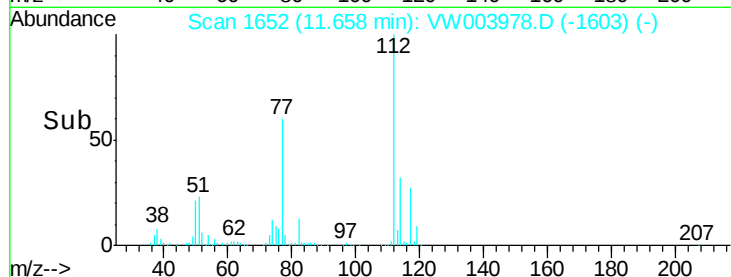
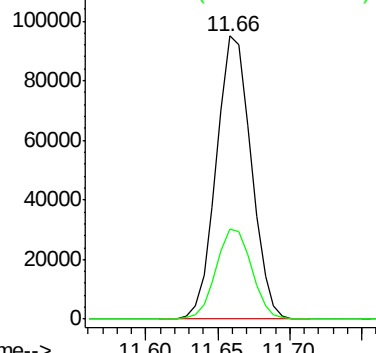
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.83 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

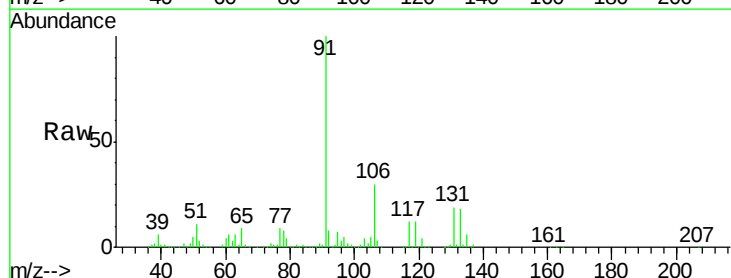
Tgt Ion:131 Resp: 56579

Ion Ratio Lower Upper

131 100

133 93.4 47.9 143.8

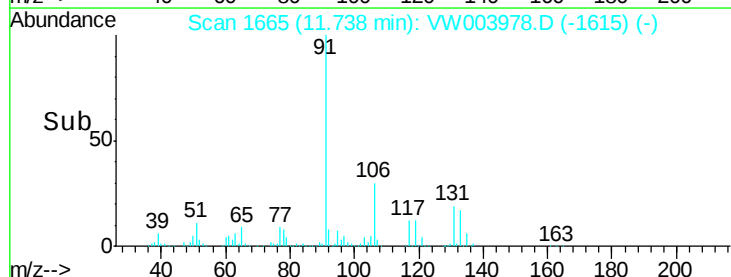
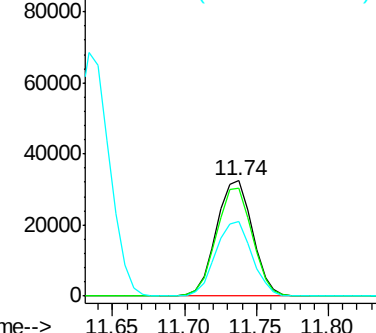
119 64.6 32.5 97.5

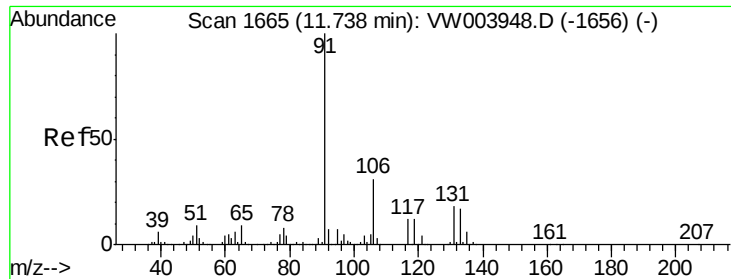


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





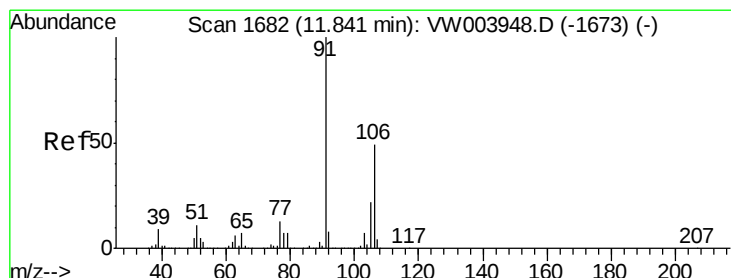
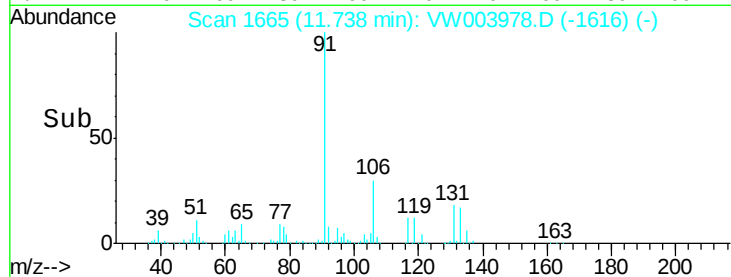
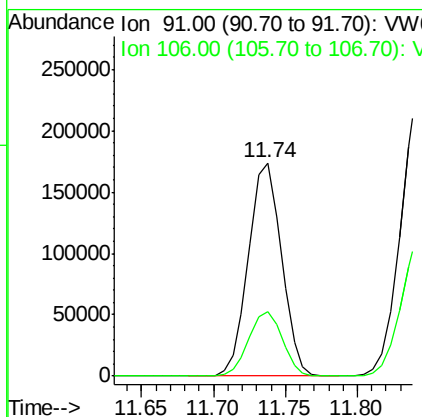
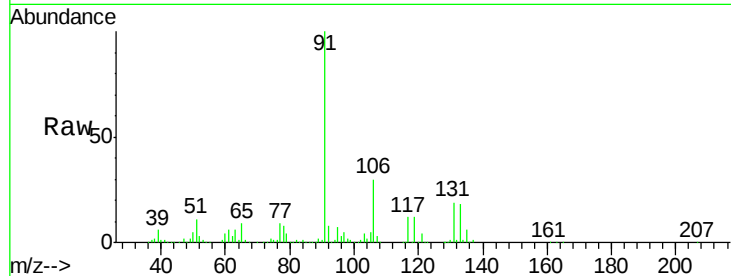
#67
Ethyl Benzene
Concen: 20.23 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion: 91 Resp: 277725
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4

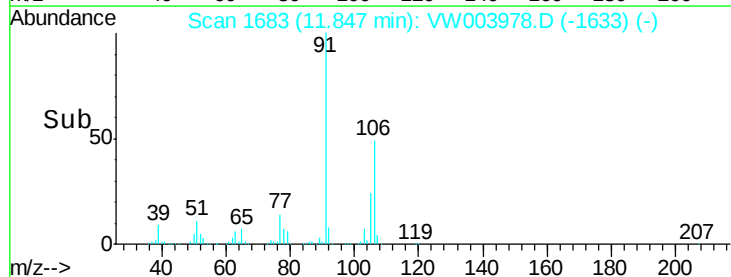
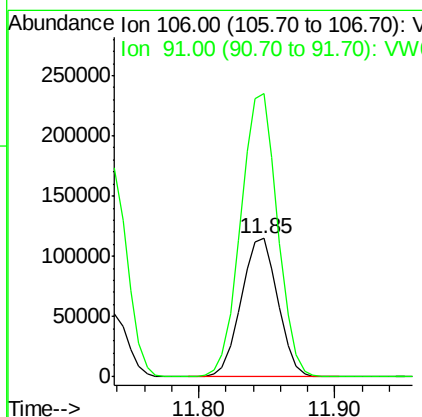
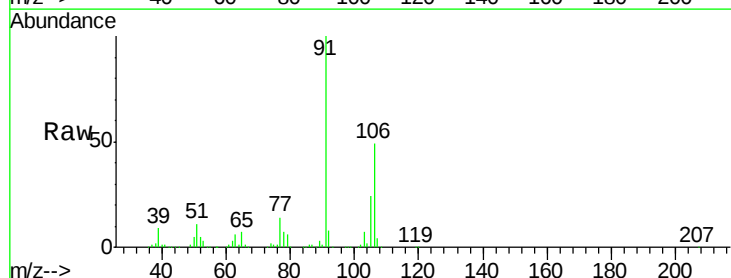
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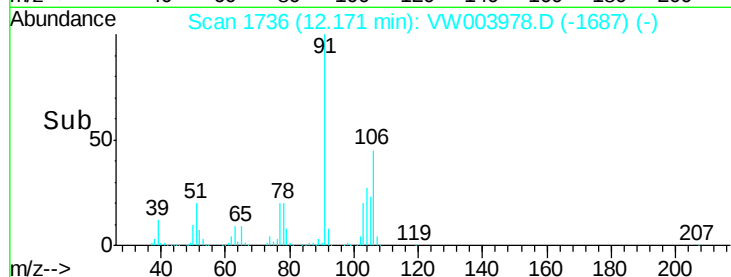
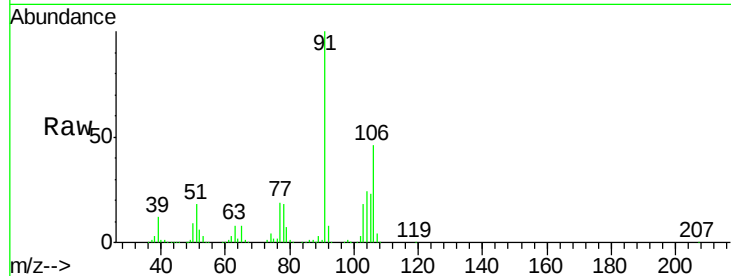
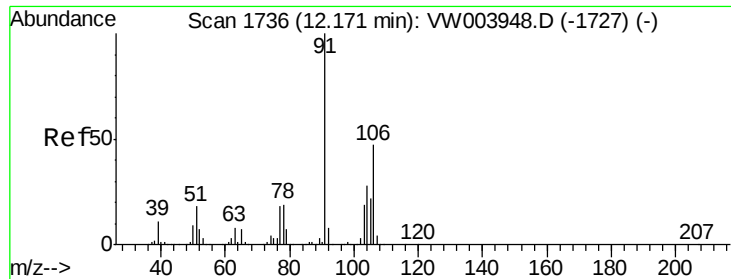
apatel
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#68
m/p-Xylenes
Concen: 41.41 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion: 106 Resp: 217273
Ion Ratio Lower Upper
106 100
91 204.5 164.2 246.2





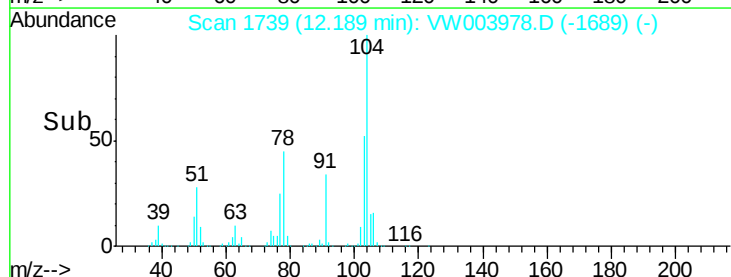
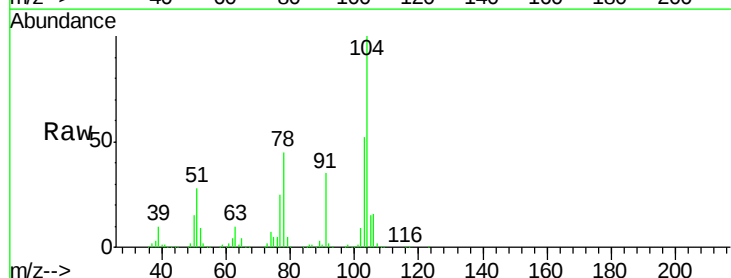
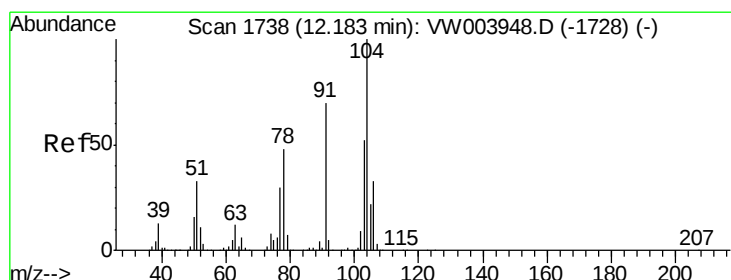
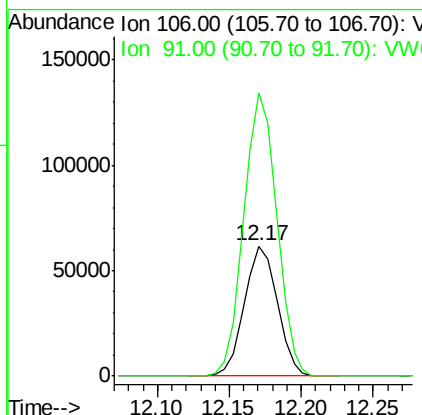
#69
o-Xylene
Concen: 20.12 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tot Ion:106 Resp: 97928
Ion Ratio Lower Upper
106 100
91 218.6 107.5 322.6

Instrument :
MSVOA_W
ClientSampled :
VW0717SBS01

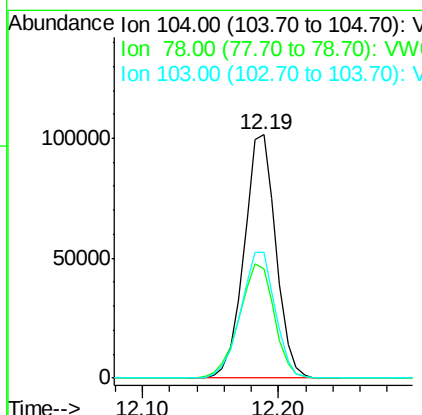
Manual Integrations
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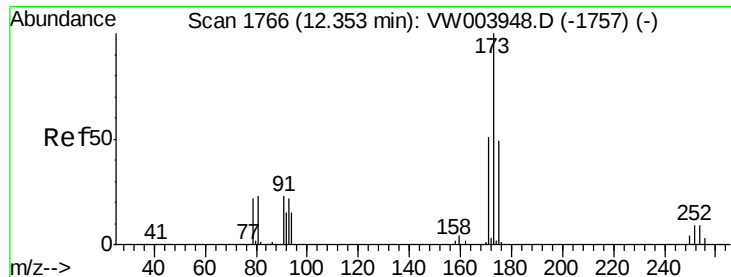
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#70
Styrene
Concen: 20.36 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion:104 Resp: 165545
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 56.6 44.6 67.0





#71

Bromoform

Concen: 20.33 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

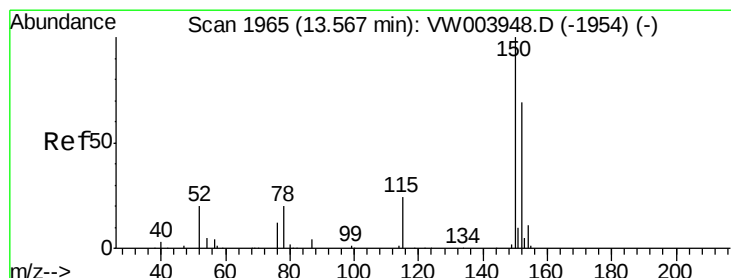
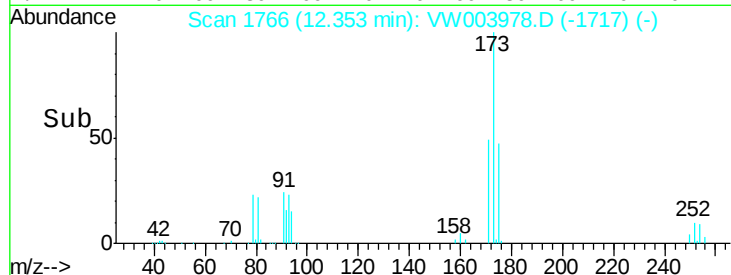
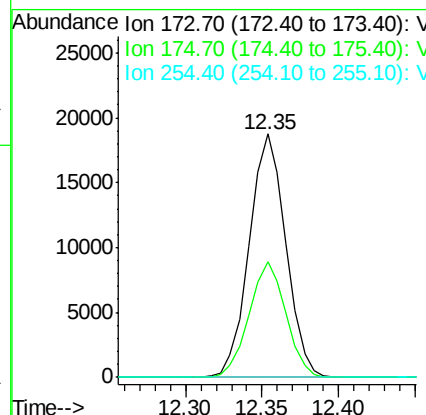
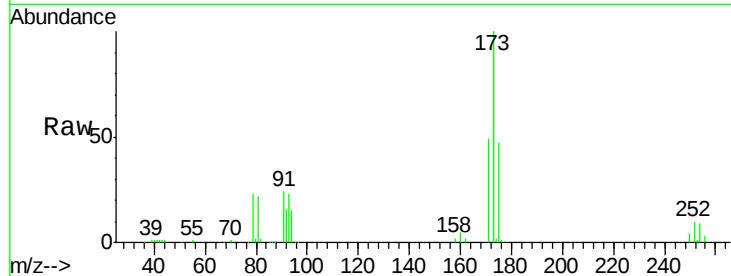
ClientSampleId :

VW0717SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.4	73.2
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

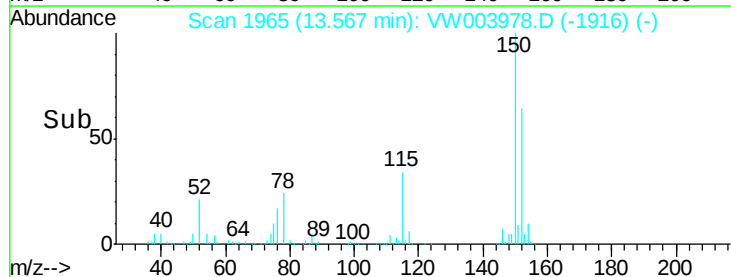
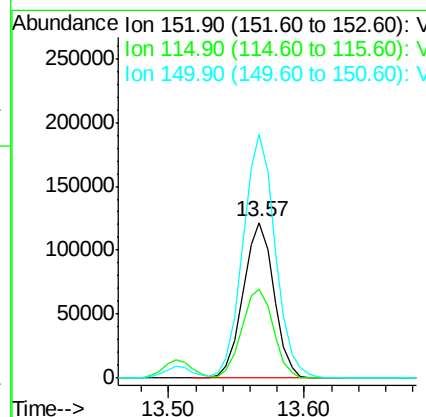
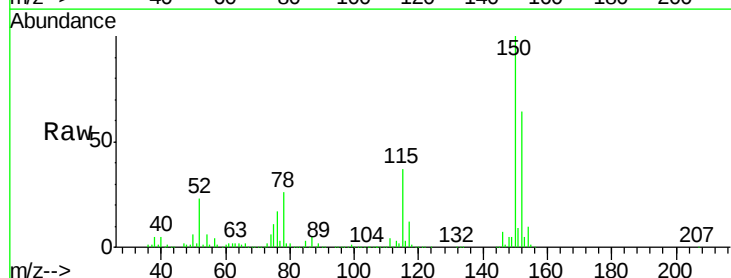
RT: 13.57 min Scan# 1965

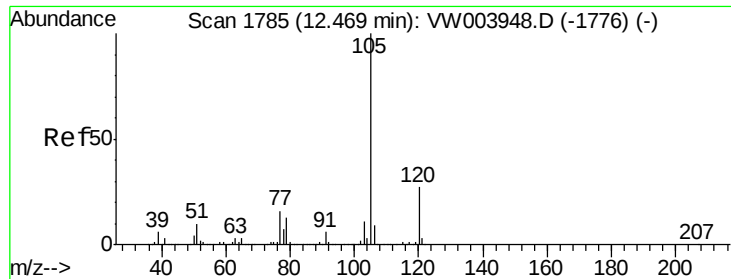
Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.2	87.6
150	163.8	0.0	345.2





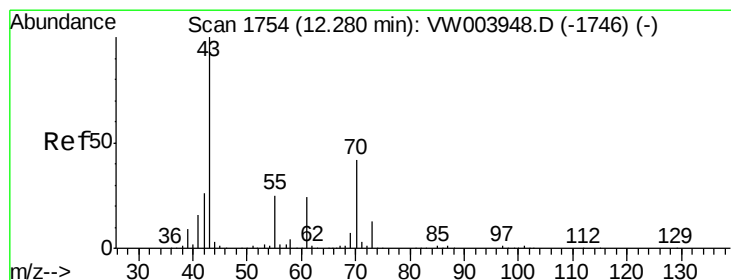
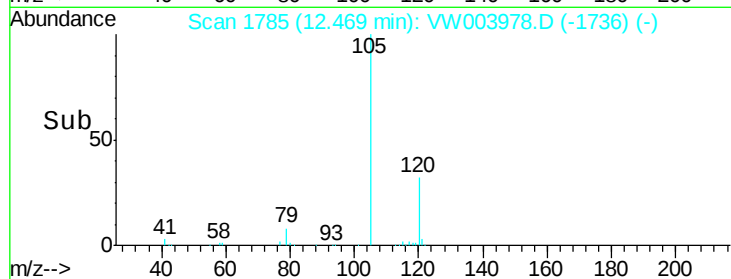
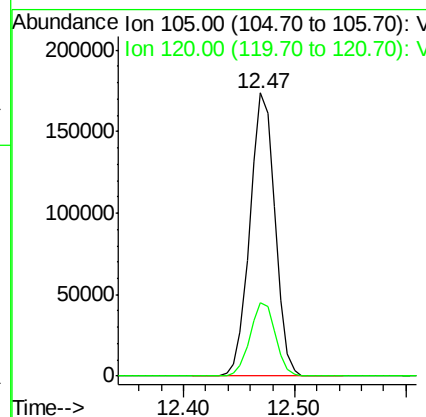
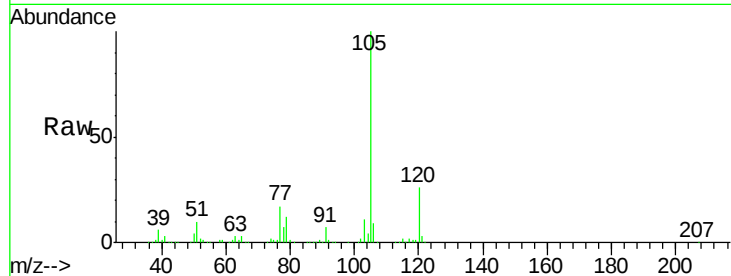
#73
Isopropylbenzene
Concen: 19.96 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.6

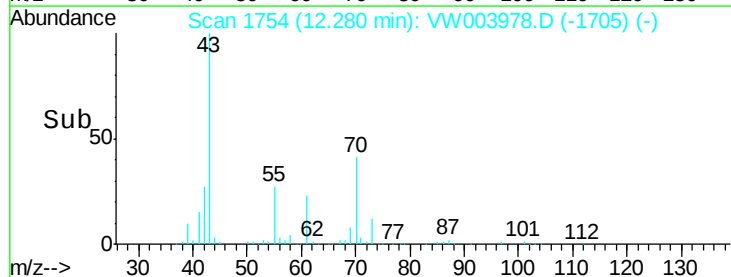
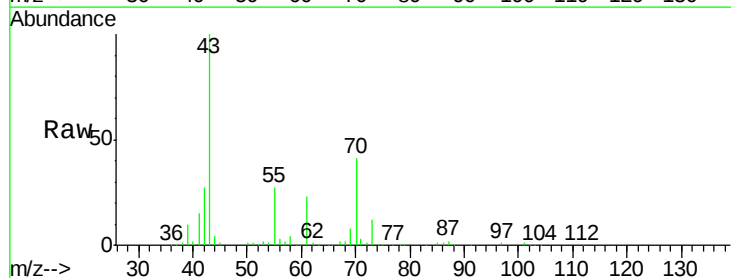
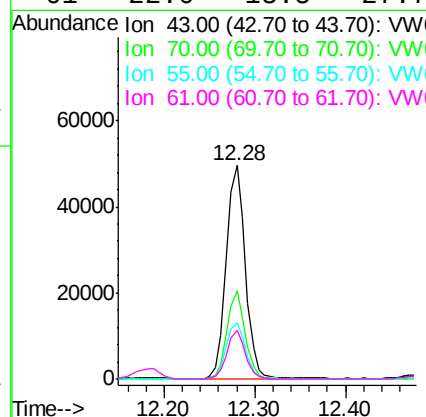
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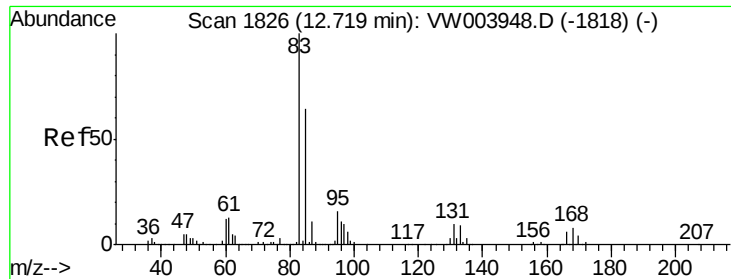
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#74
N-ethyl acetate
Concen: 20.62 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.3	31.6	47.4
55	26.9	20.0	30.0
61	22.0	18.5	27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.90 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

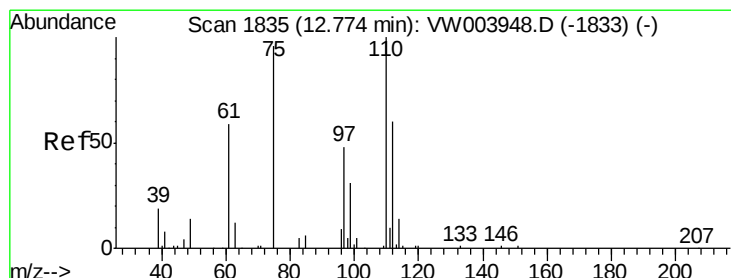
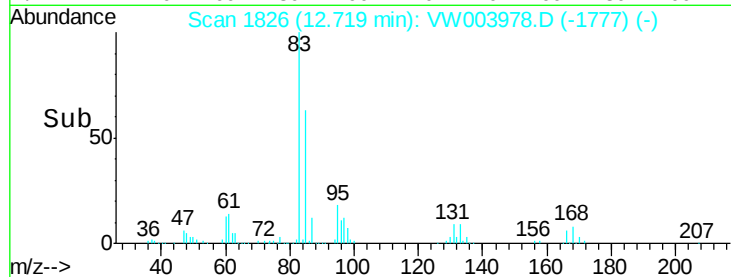
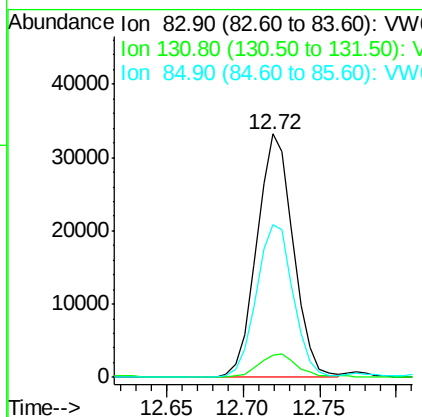
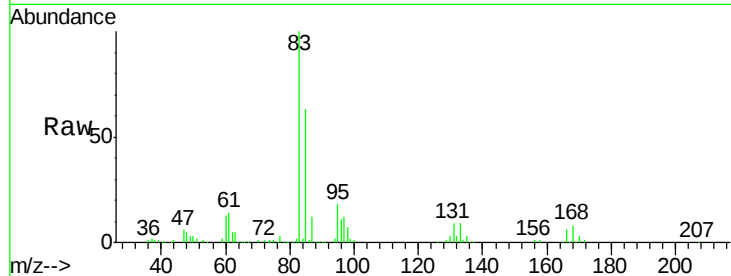
ClientSampleId :

VW0717SBS01

Tot Ion:	83	Resp:	54962
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.8
85	63.8	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 20.48 ug/l m

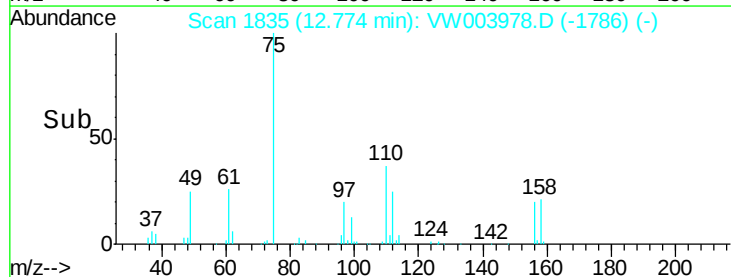
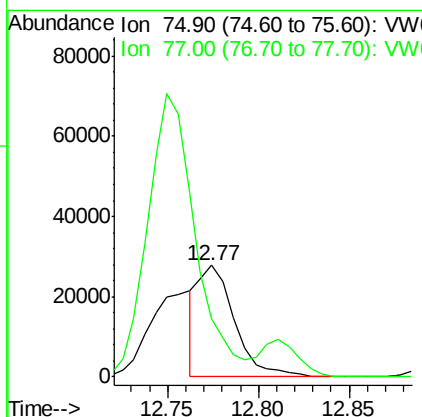
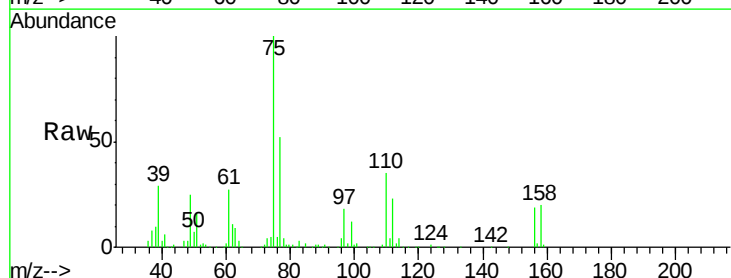
RT: 12.77 min Scan# 1835

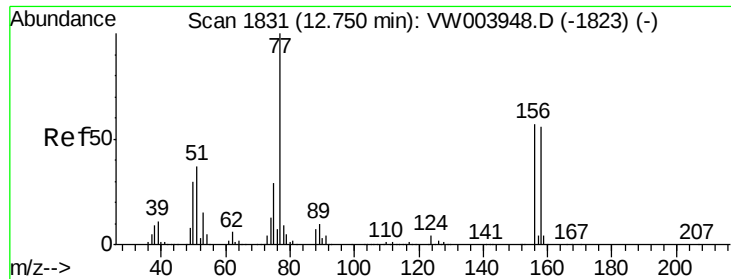
Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Tgt Ion:	75	Resp:	39136
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.01 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

Tot Ion:156 Resp: 65124

Ion Ratio Lower Upper

156 100

77 197.6 96.2 288.6

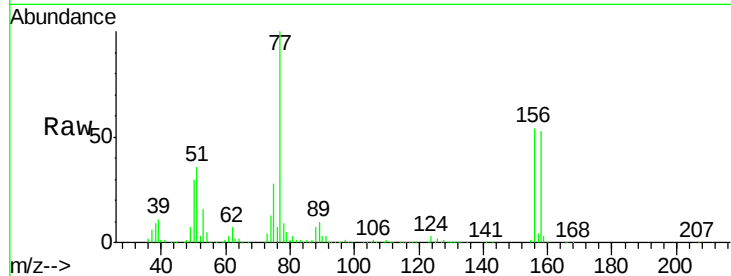
158 97.4 48.5 145.5

Manual Integrations

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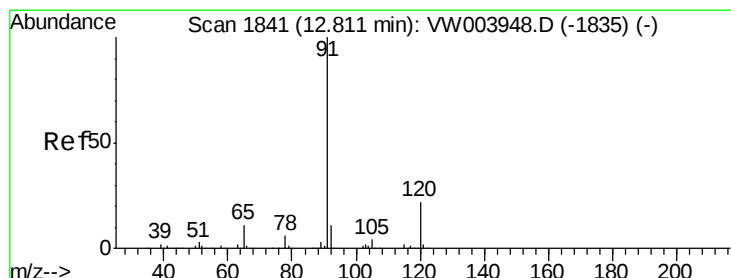
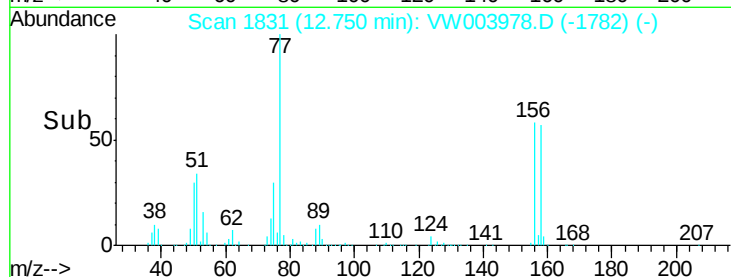
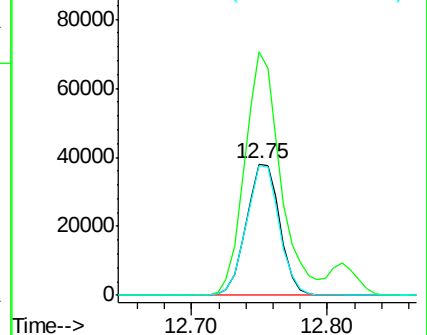
7/18/2018 11:39:27 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.66 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003978.D

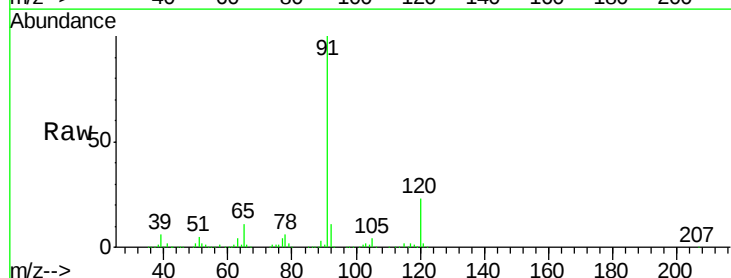
Acq: 17 Jul 2018 12:16

Tgt Ion: 91 Resp: 344651

Ion Ratio Lower Upper

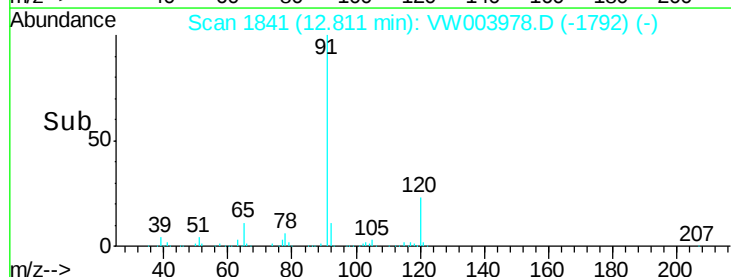
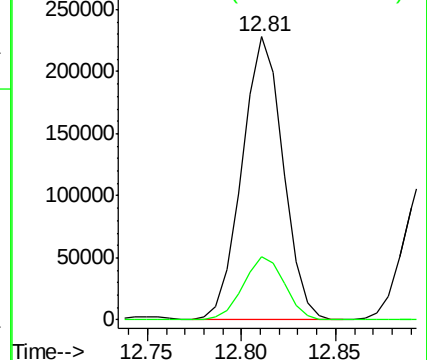
91 100

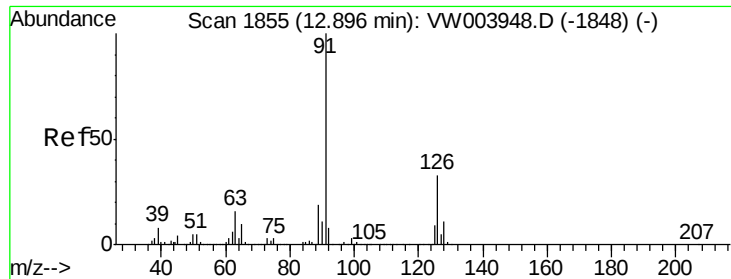
120 22.5 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.71 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003978.D

Acq: 17 Jul 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

Tot Ion: 91 Resp: 194846

Ion Ratio Lower Upper

91 100

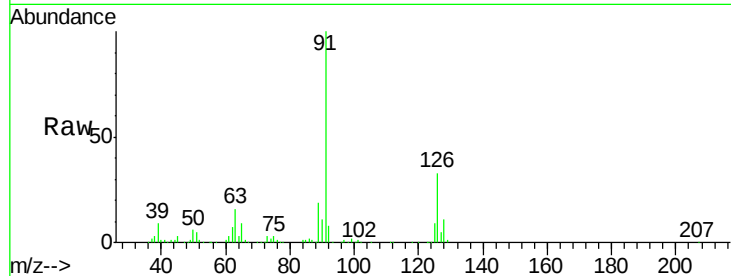
126 33.1 17.0 51.0

Manual Integrations

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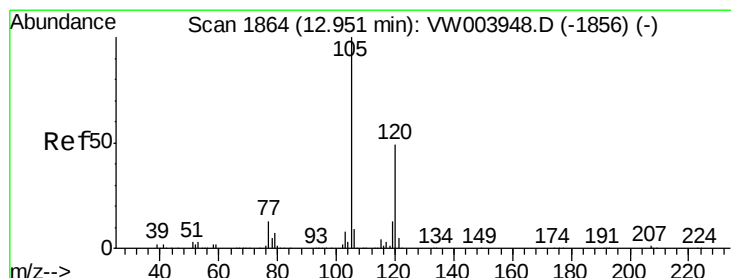
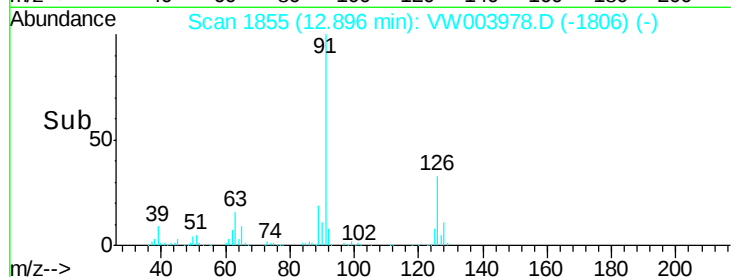
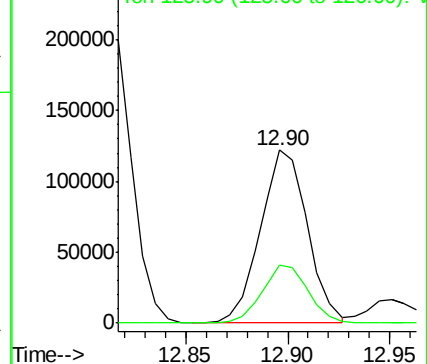
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.68 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003978.D

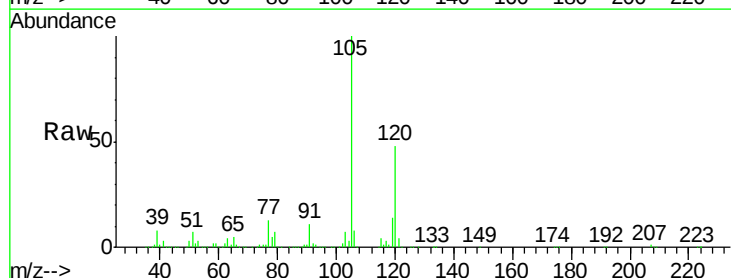
Acq: 17 Jul 2018 12:16

Tgt Ion: 105 Resp: 236722

Ion Ratio Lower Upper

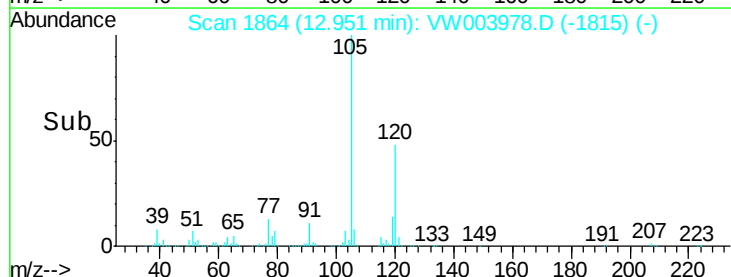
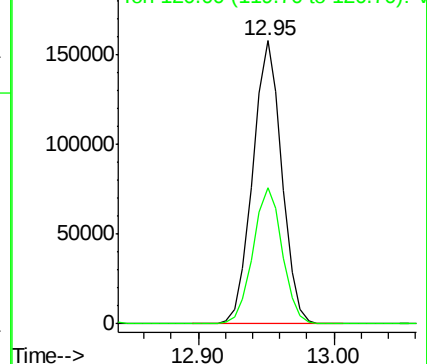
105 100

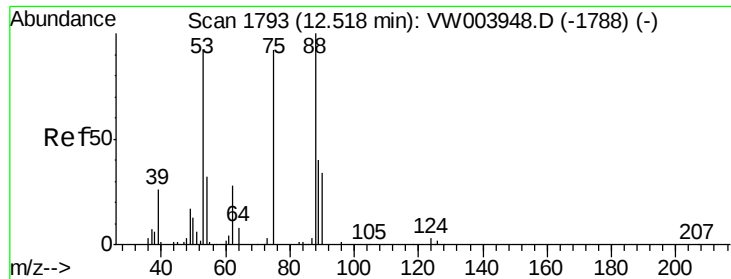
120 48.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





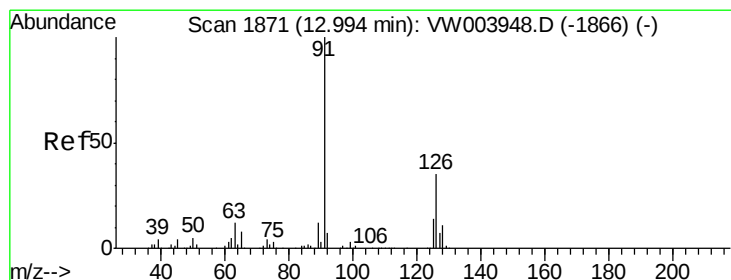
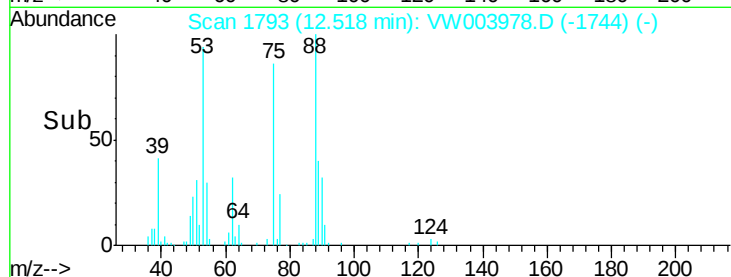
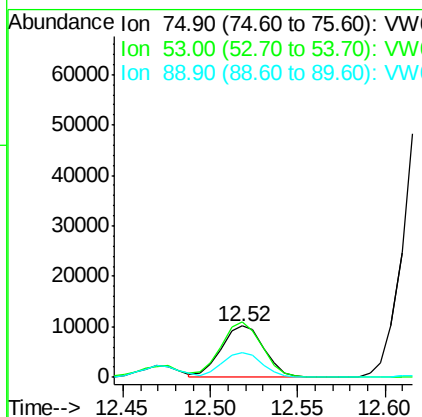
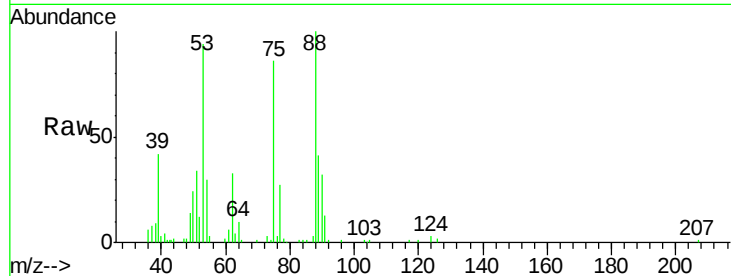
#81
trans-1,4-Dichloro-2-butene
Concen: 19.73 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.6	77.6	116.4
89	45.5	36.6	54.8

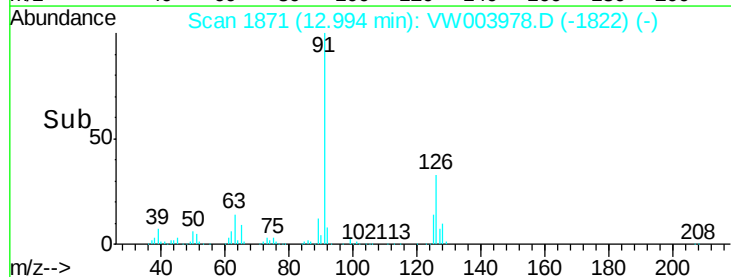
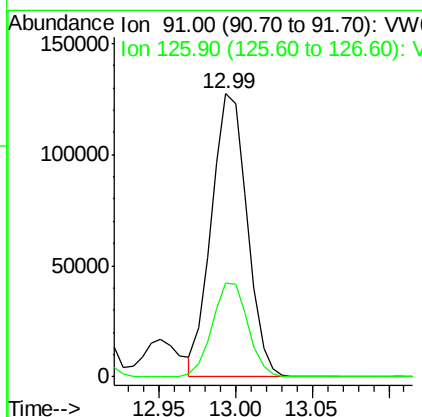
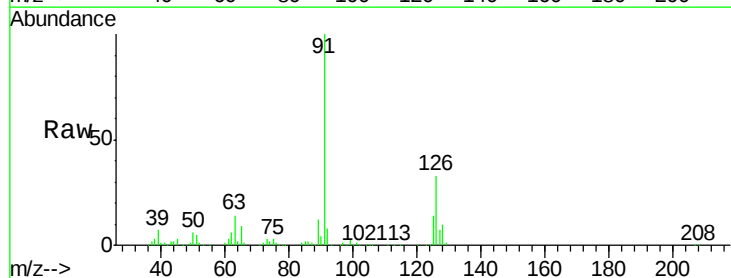
Manual Integrations
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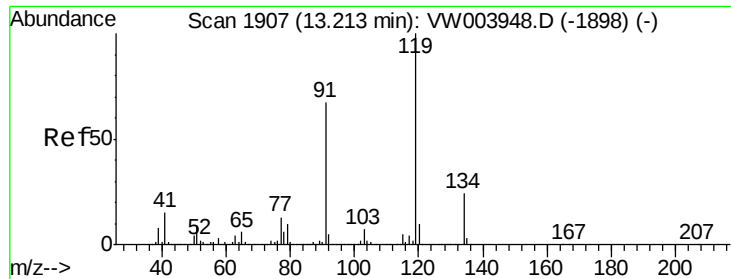
apatel
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#82
4-Chlorotoluene
Concen: 20.36 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.7	50.0





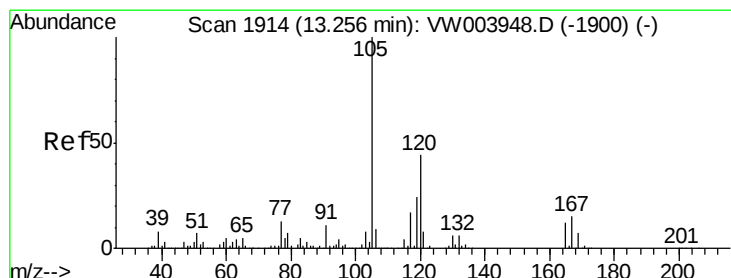
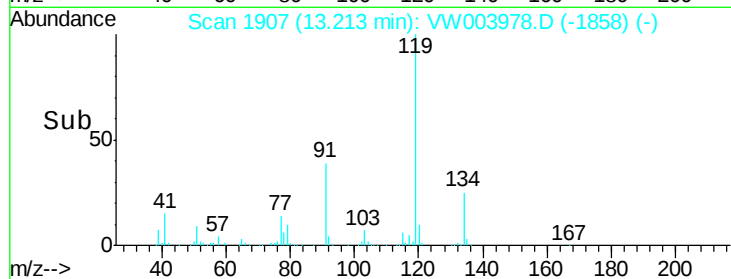
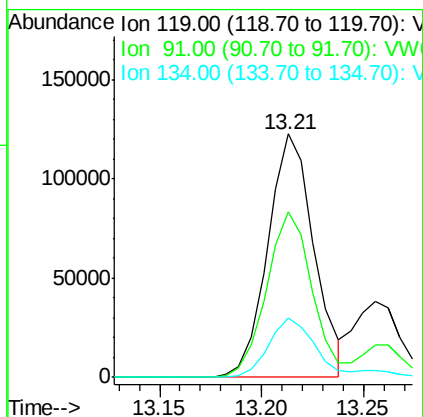
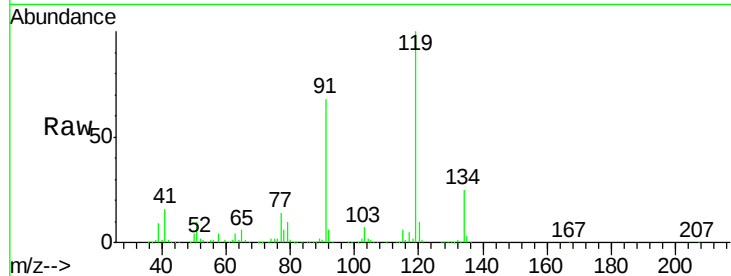
#83
tert-Butylbenzene
Concen: 20.09 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	193022		
91	68.0		33.2	99.6
134	26.6		13.0	38.9

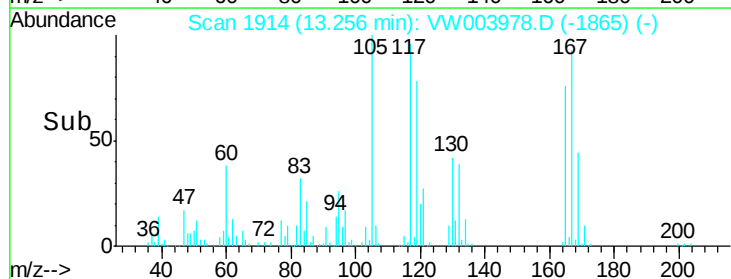
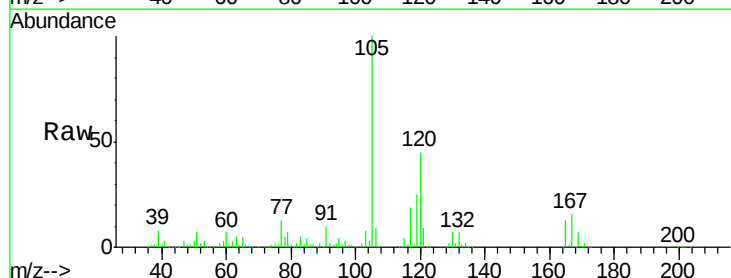
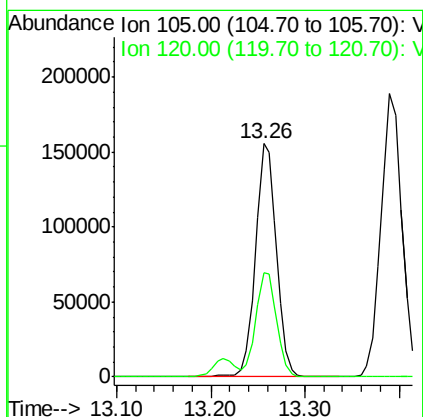
Manual Integrations
APPROVED

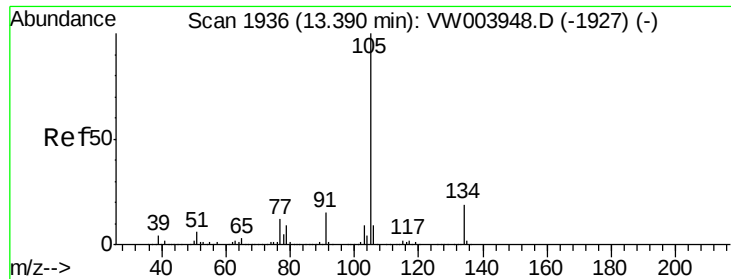
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 20.71 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243829		
120	44.7		22.1	66.1





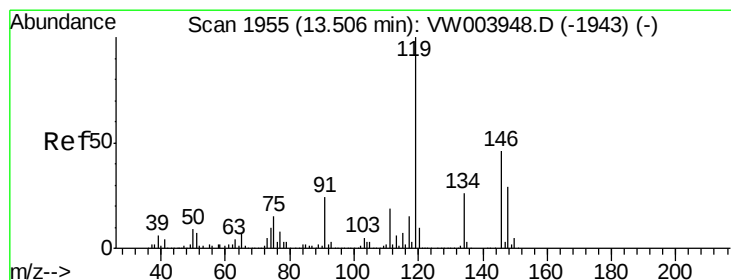
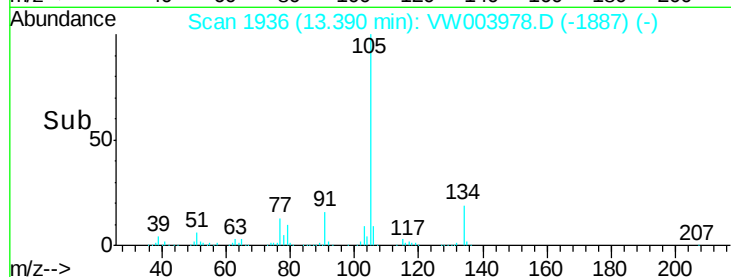
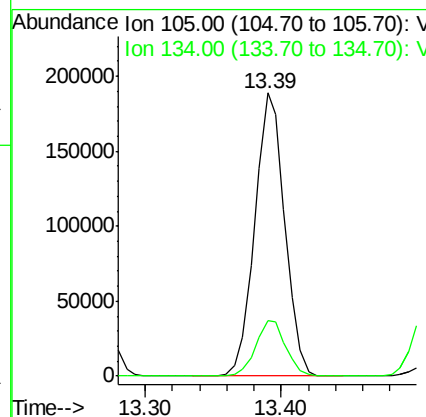
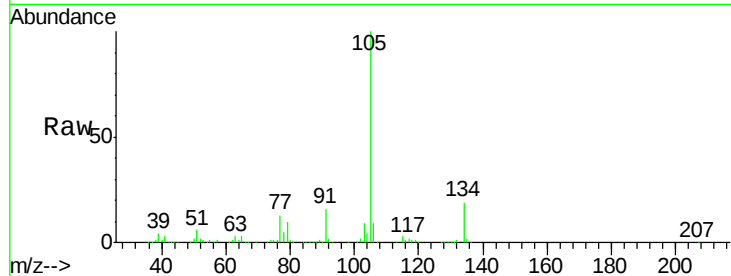
#85
 sec-Butylbenzene
 Concen: 20.43 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	291245		
134	19.6	9.8	29.4	

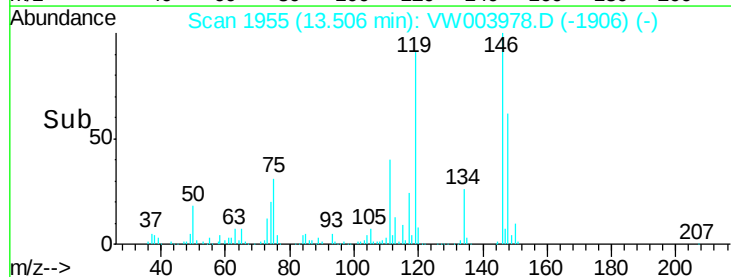
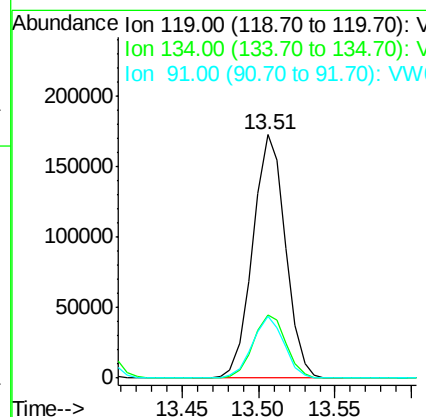
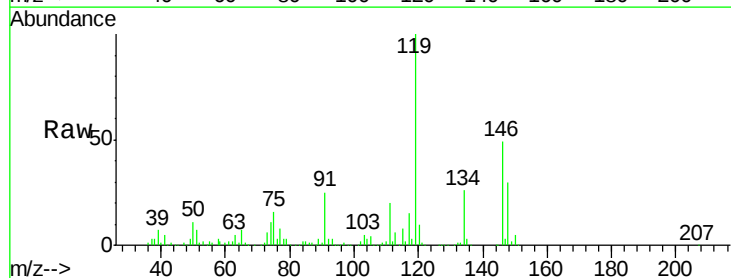
Manual Integrations
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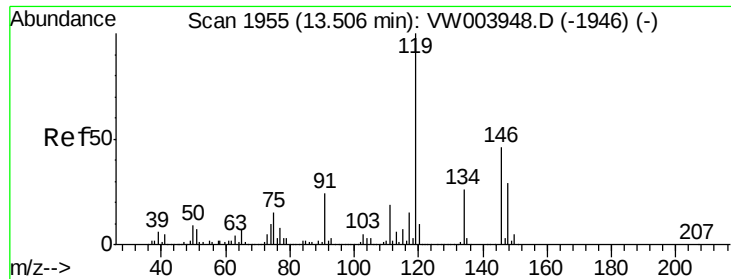
apatel
 7/18/2018 11:39:27 AM



#86
 p-Isopropyltoluene
 Concen: 20.49 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	256246		
134	25.9	13.0	38.9	
91	24.4	11.8	35.3	





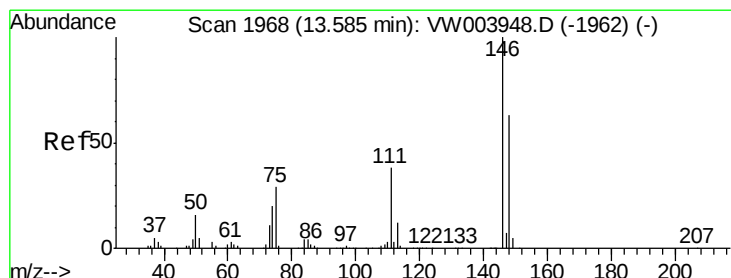
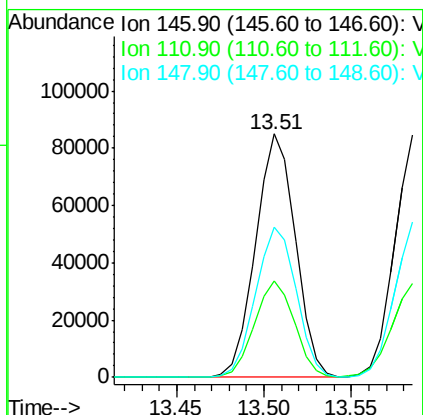
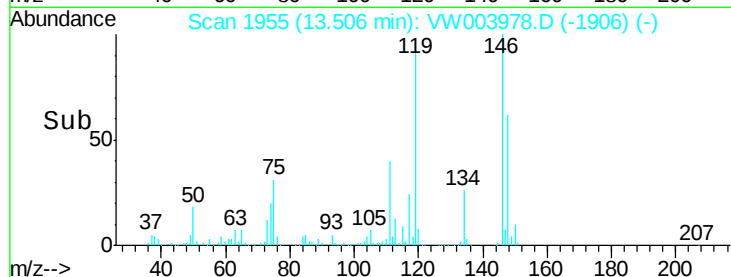
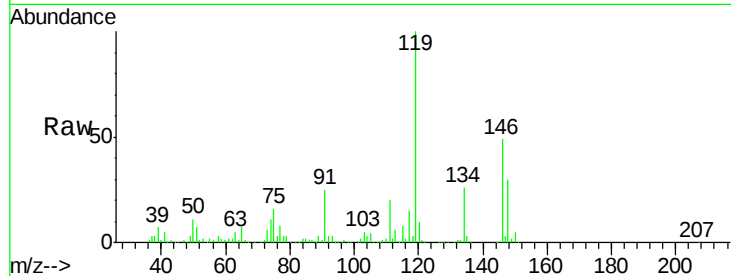
#87
 1,3-Dichlorobenzene
 Concen: 20.68 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	134422		
111	39.8	19.9	59.6	
148	63.2	31.9	95.5	

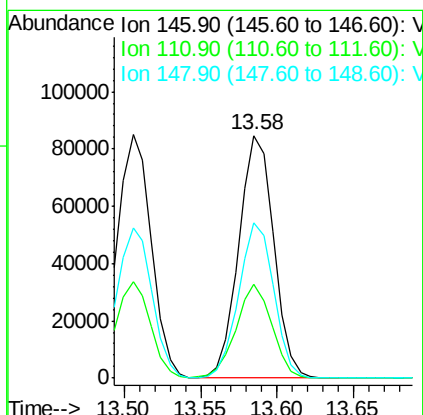
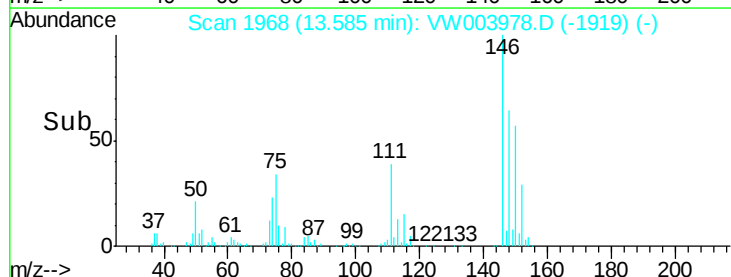
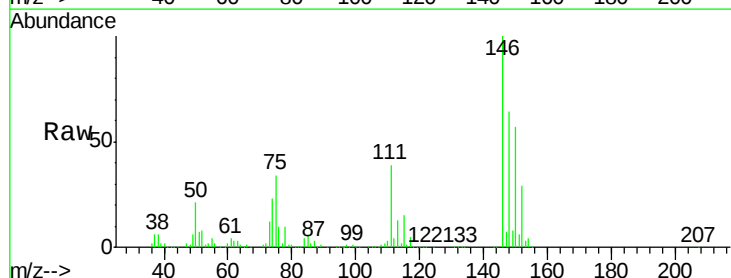
Manual Integrations
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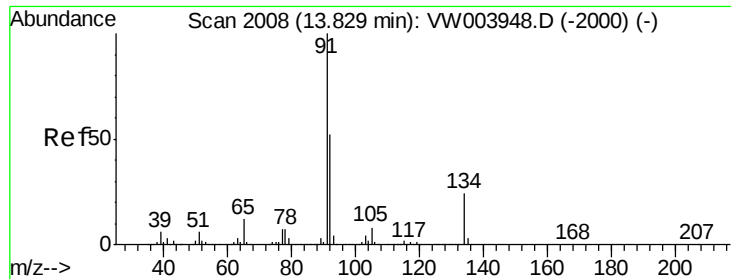
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.69 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	134867		
111	39.6	19.6	58.7	
148	64.1	32.3	96.8	





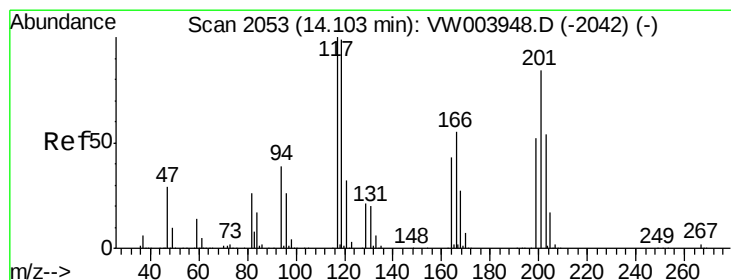
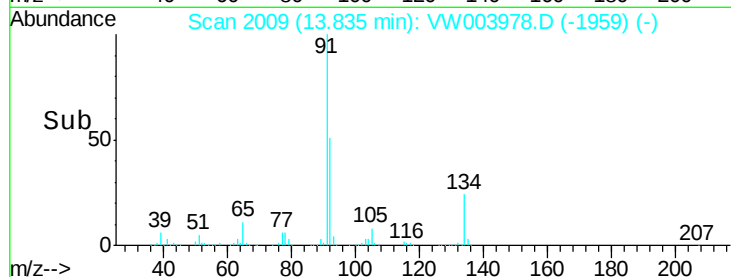
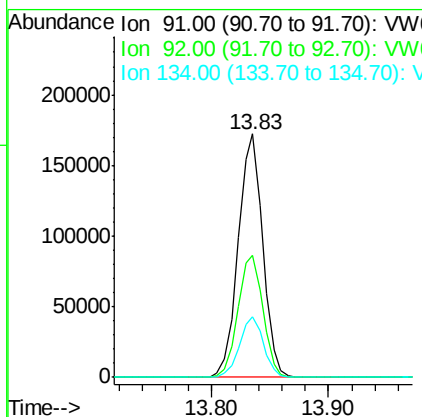
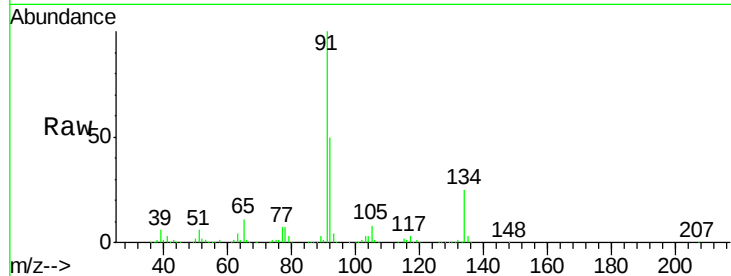
#89
n-Butylbenzene
Concen: 20.54 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.3	26.1	78.3	
134	24.5	12.4	37.4	

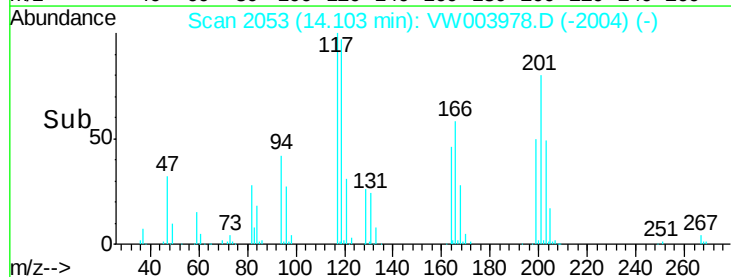
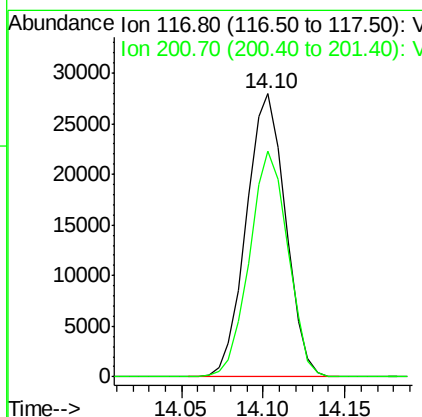
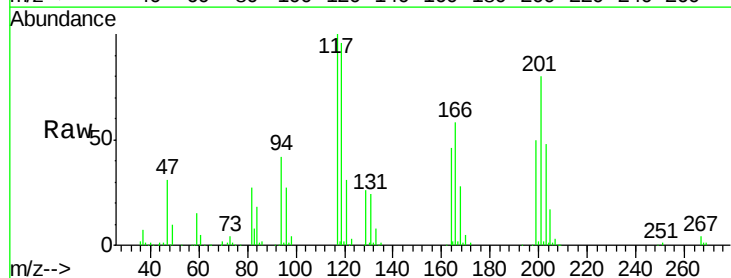
Manual Integrations
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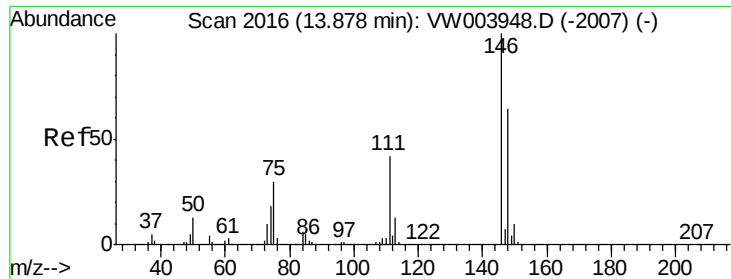
apatel
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#90
Hexachloroethane
Concen: 20.35 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	78.1	40.3	120.9	





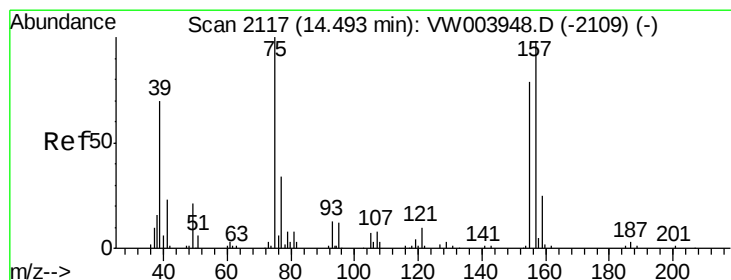
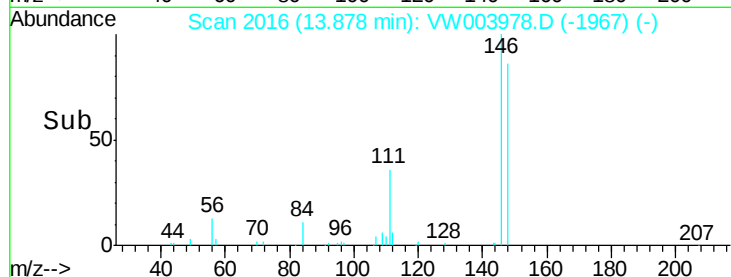
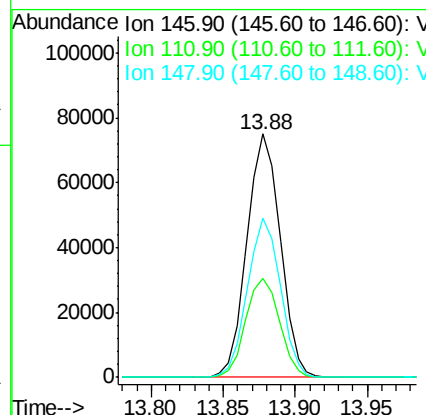
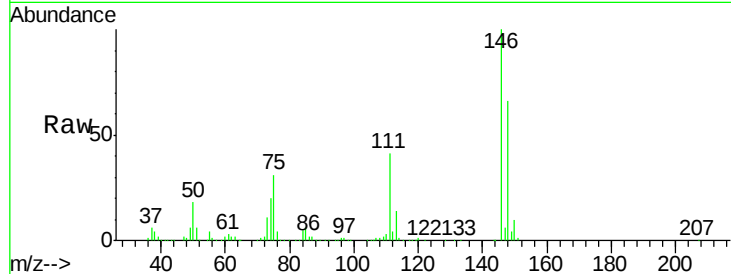
#91
 1,2-Dichlorobenzene
 Concen: 20.78 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.7	62.1
148	64.9	32.0	96.2

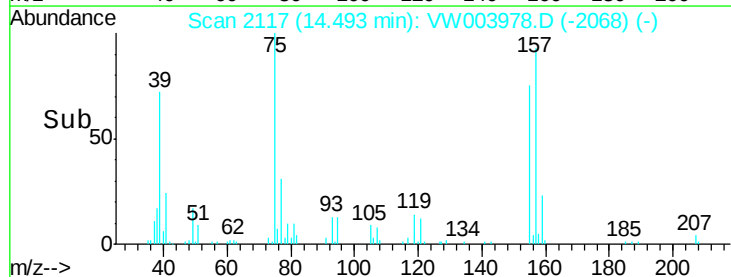
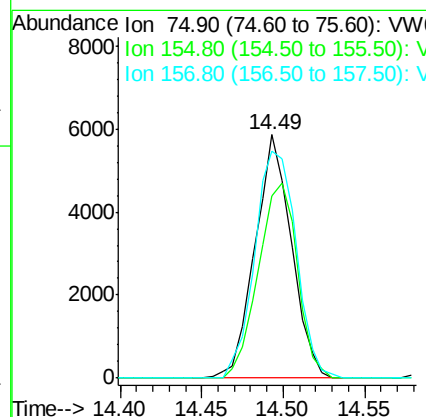
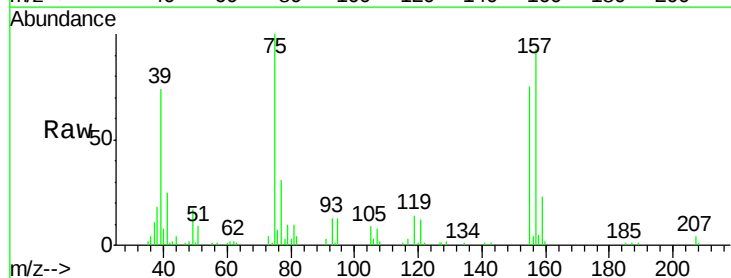
Manual Integrations
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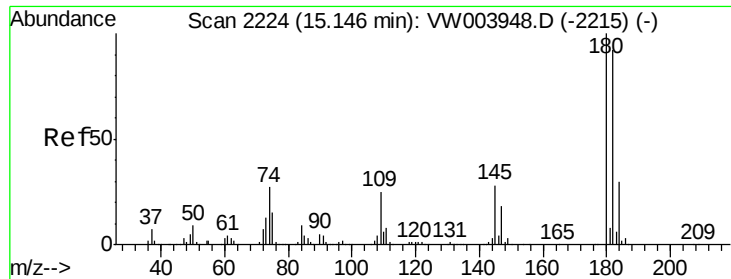
apatel
 7/18/2018 11:39:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.48 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003978.D
 Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	39.4	118.1
157	105.9	51.8	155.4





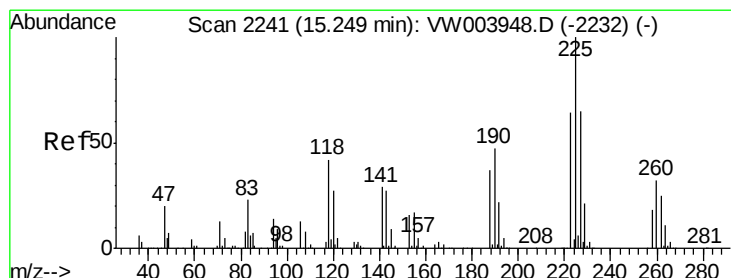
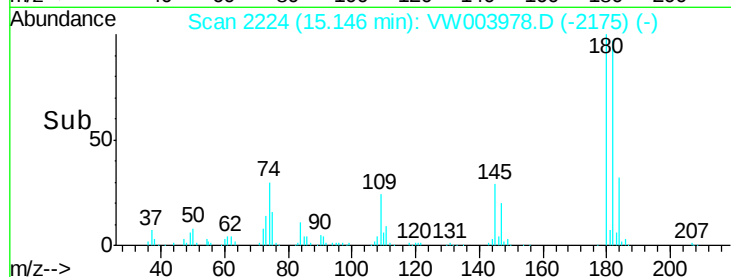
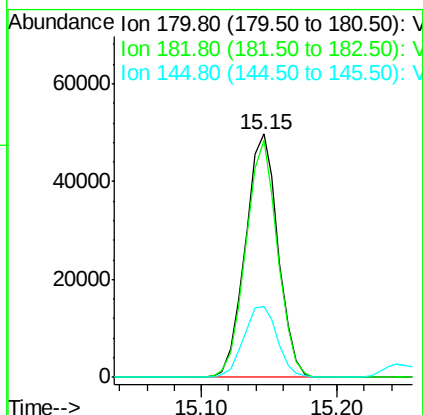
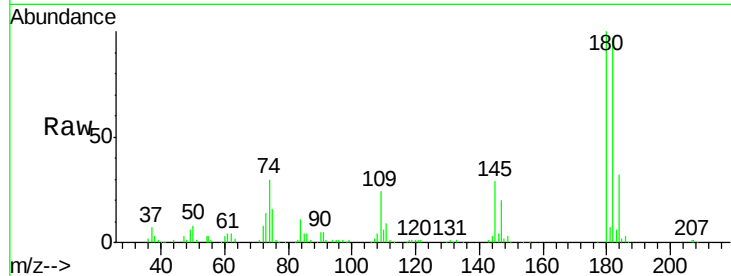
#93
1,2,4-Trichlorobenzene
Concen: 20.51 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.9	140.8
145	30.0	15.0	45.0

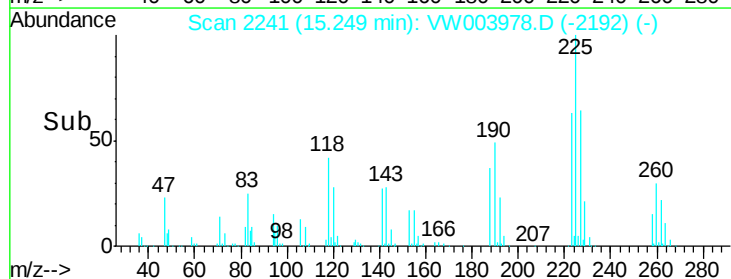
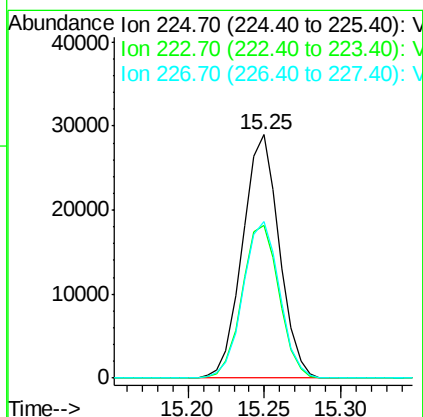
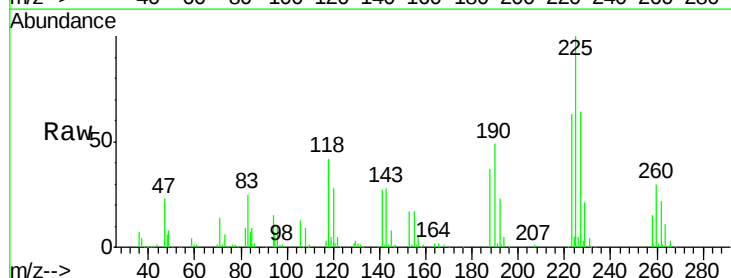
Manual Integrations
APPROVED

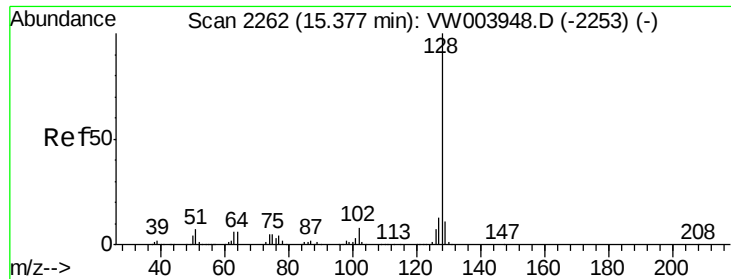
apatel
7/18/2018 11:39:27 AM



#94
Hexachlorobutadiene
Concen: 20.69 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.0	96.2
227	64.0	32.3	96.9





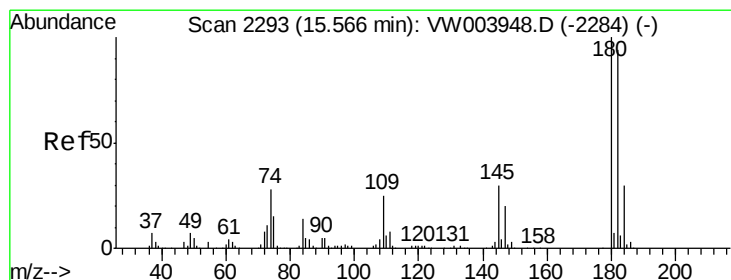
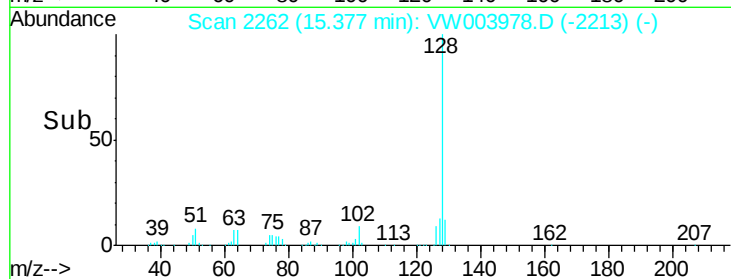
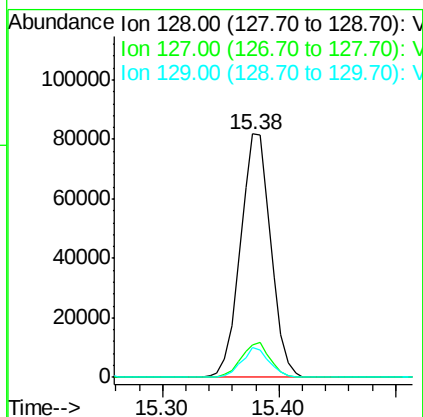
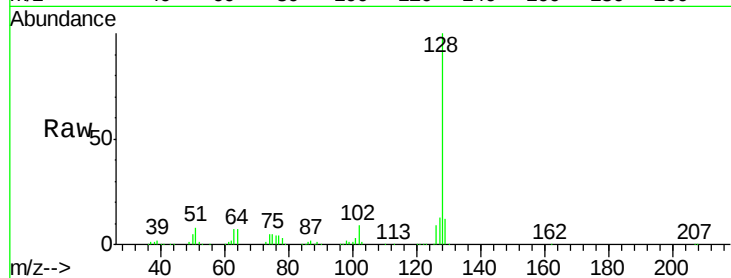
#95
Naphthalene
Concen: 19.82 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	11.3	8.7	13.1

Manual Integrations
APPROVED

apatel
7/18/2018 11:39:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.64 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003978.D
Acq: 17 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.6
145	32.6	15.8	47.4

