

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003897.D
 Acq On : 12 Jul 2018 15:22
 Operator : SY/AP
 Sample : VW0712SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Manual Integrations
 APPROVED

apatel
 7/13/2018 9:31:19 AM

Quant Time: Jul 12 15:42:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141090	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	7.88	113	125989	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.33	98	501920	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.62	95	178240	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18475	16.663	ug/l	98
3) Chloromethane	2.21	50	41814	19.865	ug/l	99
4) Vinyl Chloride	2.36	62	58071	20.917	ug/l	98
5) Bromomethane	2.78	94	34711	17.712	ug/l	95
6) Chloroethane	2.92	64	36405	21.865	ug/l	93
7) Trichlorofluoromethane	3.25	101	28170	25.117	ug/l	98
8) Diethyl Ether	3.68	74	22645	19.702	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	50869	23.323	ug/l	99
10) Methyl Iodide	4.26	142	71752	22.101	ug/l	99
11) Tert butyl alcohol	5.24	59	14492	89.698	ug/l #	70
12) 1,1-Dichloroethene	4.03	96	49557	23.140	ug/l	90
13) Acrolein	3.89	56	16995	70.247	ug/l	98
14) Allyl chloride	4.65	41	82709	22.214	ug/l	100
15) Acrylonitrile	5.37	53	53578	93.084	ug/l	98
16) Acetone	4.15	43	56601	109.428	ug/l	98
17) Carbon Disulfide	4.37	76	157113	22.377	ug/l	96
18) Methyl Acetate	4.67	43	25042	17.172	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	85328	19.282	ug/l	99
20) Methylene Chloride	4.91	84	64643	23.303	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	52836	20.840	ug/l	100
22) Diisopropyl ether	6.31	45	165671	20.239	ug/l	98
23) Vinyl Acetate	6.26	43	473777	94.814	ug/l	99
24) 1,1-Dichloroethane	6.21	63	100634	20.327	ug/l	99
25) 2-Butanone	7.18	43	72837	89.906	ug/l	94
26) 2,2-Dichloropropane	7.17	77	62083	23.120	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56435	20.129	ug/l	99
28) Bromochloromethane	7.51	49	42524	19.281	ug/l	99
29) Tetrahydrofuran	7.54	42	44727	85.882	ug/l	99
30) Chloroform	7.68	83	99003	19.603	ug/l	98
31) Cyclohexane	7.95	56	92482	21.258	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	81547	21.216	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82136	22.222	ug/l	99
37) Ethyl Acetate	7.26	43	32932	18.311	ug/l	98
38) Carbon Tetrachloride	8.07	117	76914	21.886	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	92677	22.894	ug/l	99
40) Benzene	8.32	78	224375	21.234	ug/l	100
41) Methacrylonitrile	7.49	41	20043	19.374	ug/l	91
42) 1,2-Dichloroethane	8.40	62	67326	19.687	ug/l	100
43) Isopropyl Acetate	8.43	43	62509	18.339	ug/l	98
44) Trichloroethene	9.09	130	57392	21.544	ug/l	98
45) 1,2-Dichloropropane	9.37	63	56149	20.436	ug/l	95
46) Dibromomethane	9.46	93	28049	19.416	ug/l	98
47) Bromodichloromethane	9.65	83	71444	20.102	ug/l	99
48) Methyl methacrylate	9.44	41	29604	18.237	ug/l	96
49) 1,4-Dioxane	9.48	88	7491	346.944	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	161958	91.823	ug/l	99
52) Toluene	10.39	92	142940	21.815	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	71614	20.181	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	82543	20.606	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	39095	19.485	ug/l	98
56) Ethyl methacrylate	10.65	69	45813	18.711	ug/l	97
57) 1,3-Dichloropropane	10.94	76	68594	19.614	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	96782	84.286	ug/l	98
59) 2-Hexanone	10.98	43	113985	94.110	ug/l	98
60) Dibromochloromethane	11.13	129	45247	19.318	ug/l	98
61) 1,2-Dibromoethane	11.24	107	36485	19.014	ug/l	98
64) Tetrachloroethene	10.87	164	50219	21.241	ug/l	97
65) Chlorobenzene	11.66	112	151601	21.516	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	51391	20.872	ug/l	99
67) Ethyl Benzene	11.74	91	269952	22.406	ug/l	98
68) m/p-Xylenes	11.85	106	207322	44.938	ug/l	99
69) o-Xylene	12.17	106	91471	21.487	ug/l	96
70) Styrene	12.19	104	156662	21.641	ug/l	100
71) Bromoform	12.35	173	26196	19.278	ug/l #	97
73) Isopropylbenzene	12.47	105	264930	22.571	ug/l	100
74) N-amyl acetate	12.28	43	59342	18.652	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	46144	19.393	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30780m	18.085	ug/l	
77) Bromobenzene	12.76	156	60450	20.745	ug/l	99
78) n-propylbenzene	12.81	91	337087	22.878	ug/l	100
79) 2-Chlorotoluene	12.90	91	189544	22.392	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	228068	22.545	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14152	20.341	ug/l	99
82) 4-Chlorotoluene	12.99	91	198825	21.843	ug/l	99
83) tert-Butylbenzene	13.21	119	191104	22.906	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	233553	22.223	ug/l	99
85) sec-Butylbenzene	13.39	105	287272	23.017	ug/l	100
86) p-Isopropyltoluene	13.51	119	251410	23.053	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	127676	21.626	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	125901	21.207	ug/l	99
89) n-Butylbenzene	13.84	91	246982	23.023	ug/l	99
90) Hexachloroethane	14.10	117	43128	20.530	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	110663	20.826	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7516	18.248	ug/l	98

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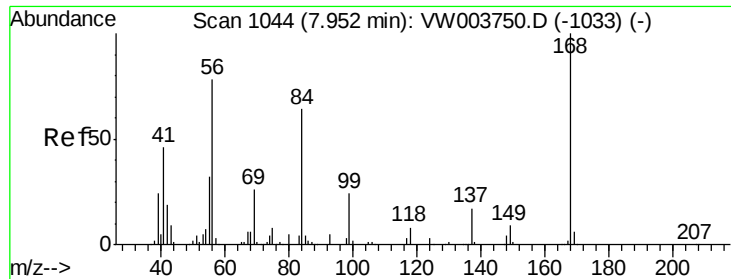
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	76651	21.311	ug/l	99
94) Hexachlorobutadiene	15.25	225	46181	22.447	ug/l	98
95) Naphthalene	15.38	128	124390	19.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	65975	20.486	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion:168 Resp: 227976

Ion Ratio Lower Upper

168 100

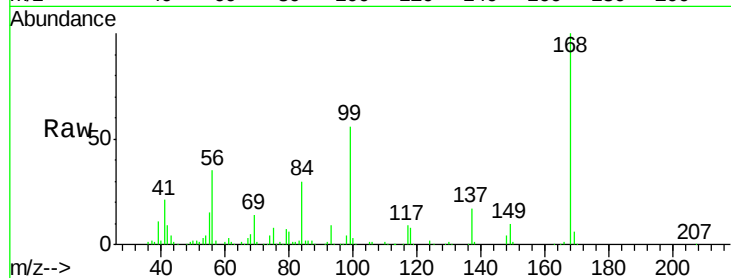
99 56.3 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

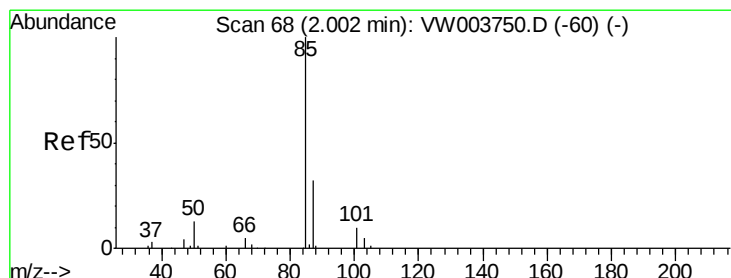
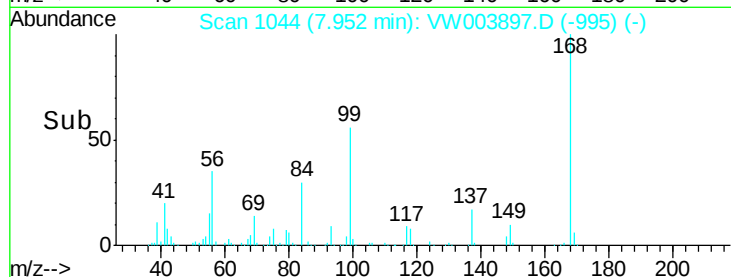
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 16.663 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003897.D

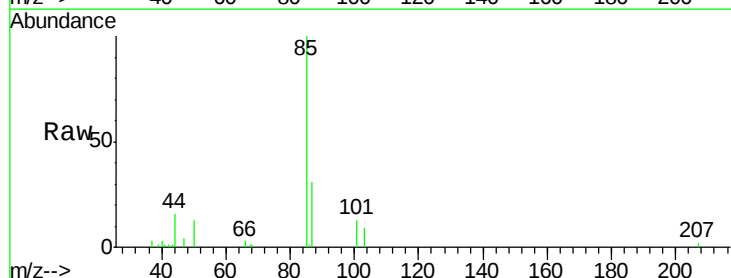
Acq: 12 Jul 2018 15:22

Tgt Ion: 85 Resp: 18475

Ion Ratio Lower Upper

85 100

87 31.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

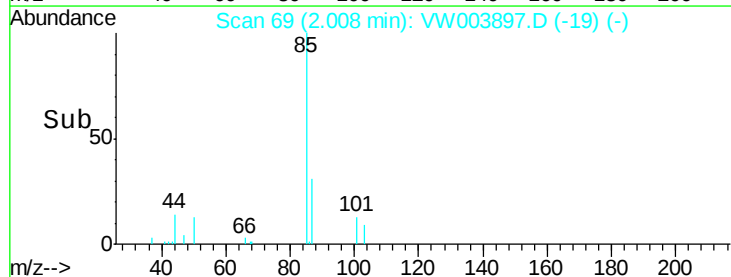
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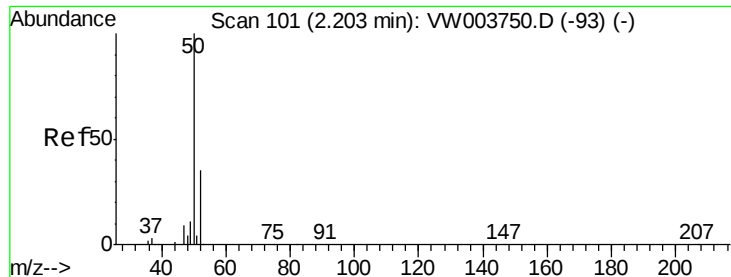
2000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 19.865 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 50 Resp: 41814

Ion Ratio Lower Upper

50 100

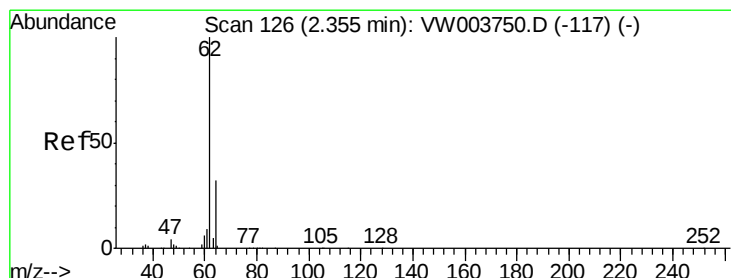
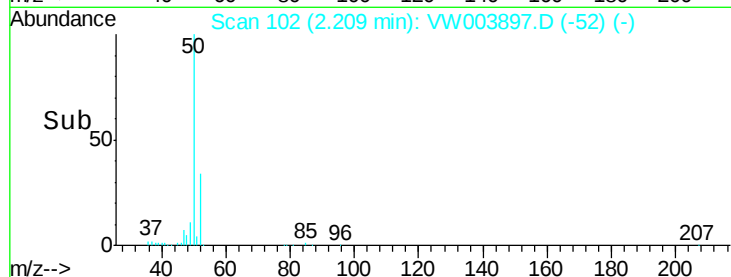
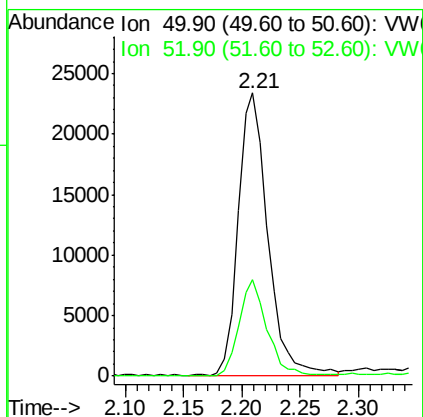
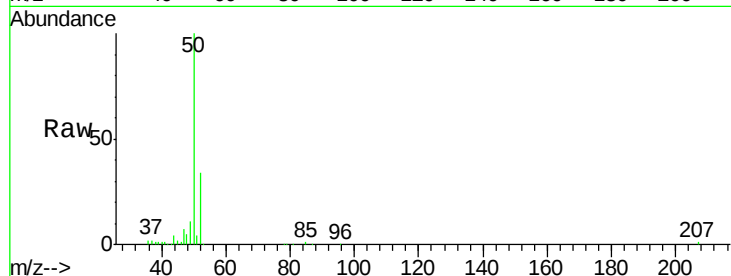
52 34.0 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.917 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003897.D

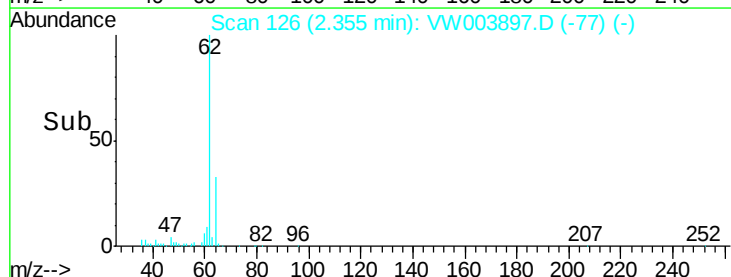
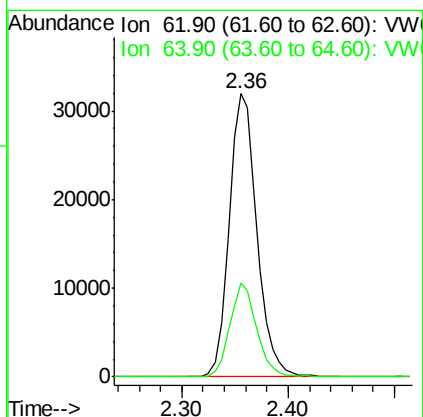
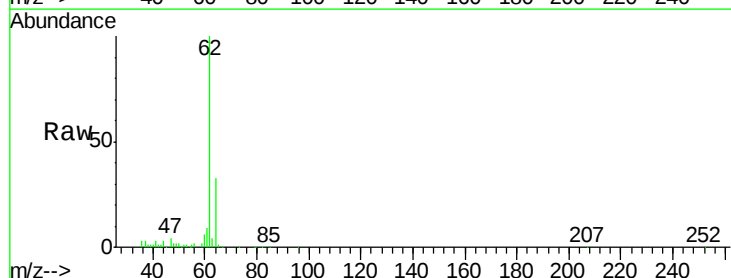
Acq: 12 Jul 2018 15:22

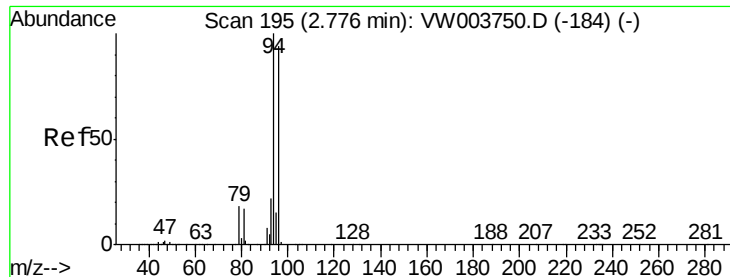
Tgt Ion: 62 Resp: 58071

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.8





#5

Bromomethane

Concen: 17.712 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 94 Resp: 34711

Ion Ratio Lower Upper

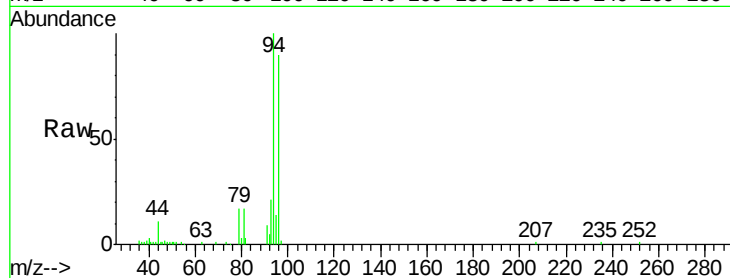
94 100

96 89.1 74.8 112.2

Manual Integrations
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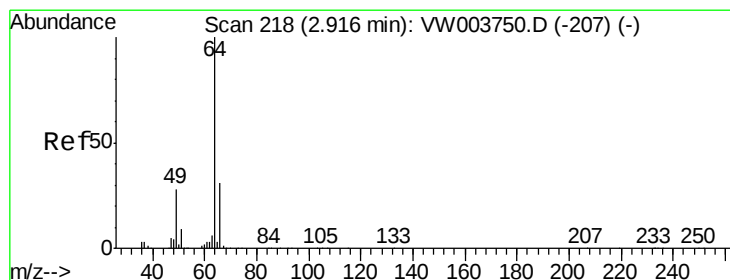
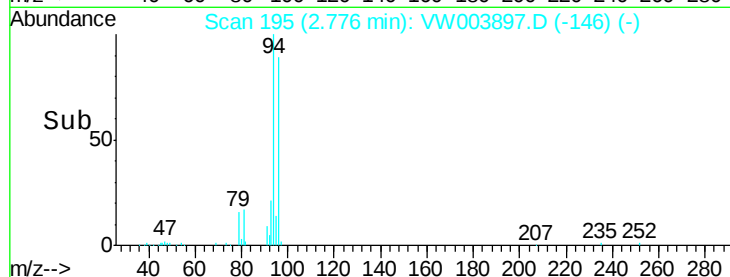
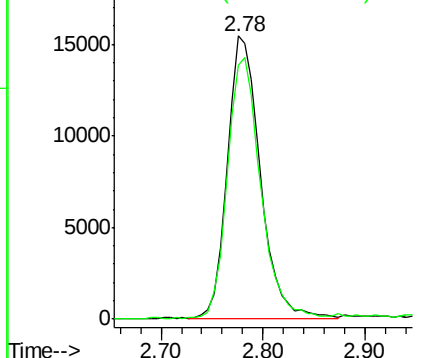
apatel

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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: 21.865 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003897.D

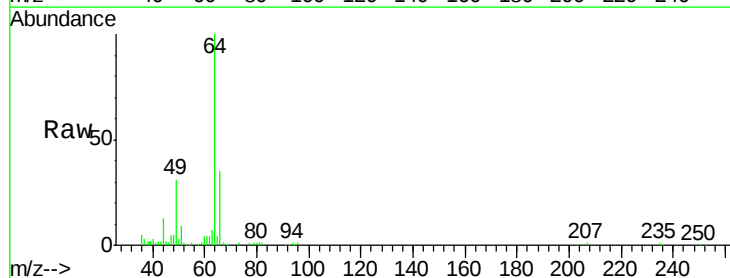
Acq: 12 Jul 2018 15:22

Tgt Ion: 64 Resp: 36405

Ion Ratio Lower Upper

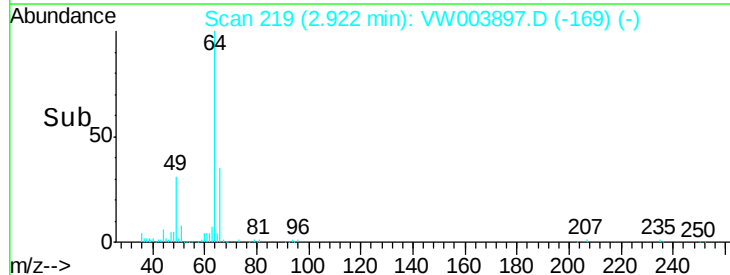
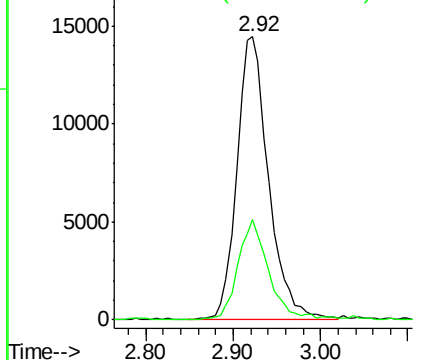
64 100

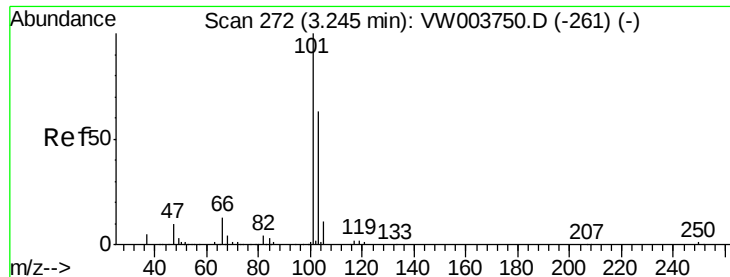
66 35.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

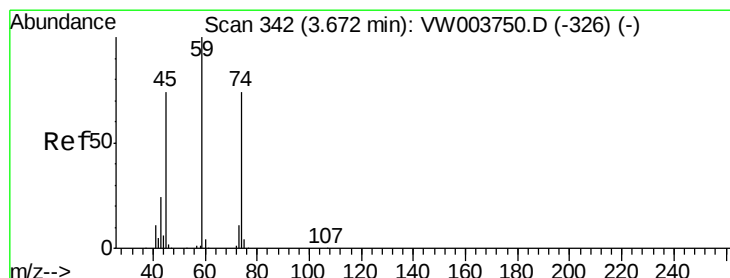
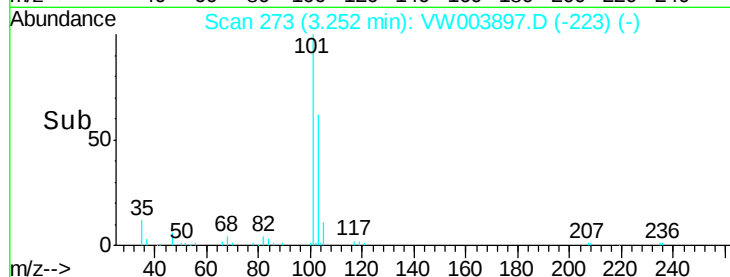
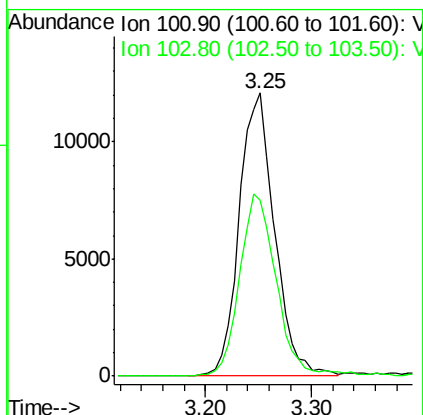
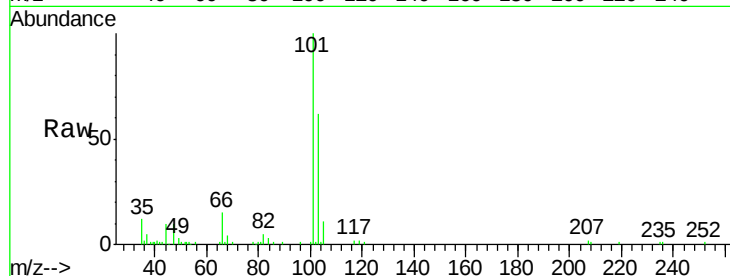
Trichlorofluoromethane
Concen: 25.117 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.01 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	50.7	76.1

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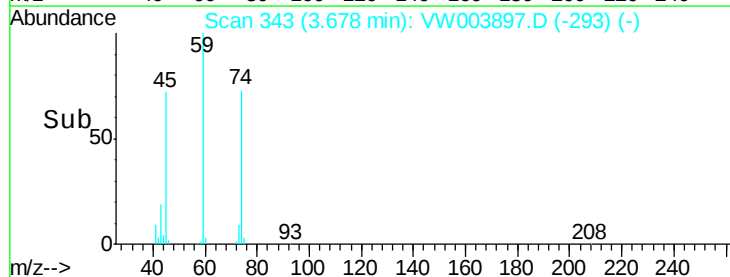
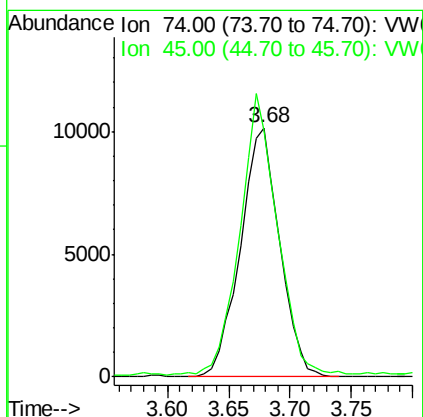
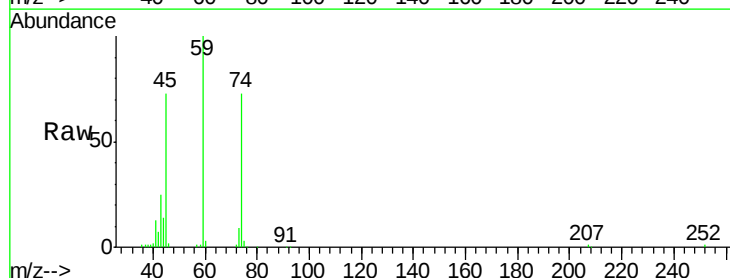
apatel
7/13/2018 9:31:19 AM

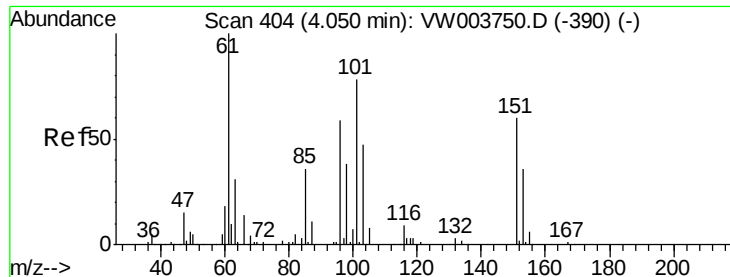


#8

Diethyl Ether
Concen: 19.702 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.1	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.323 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

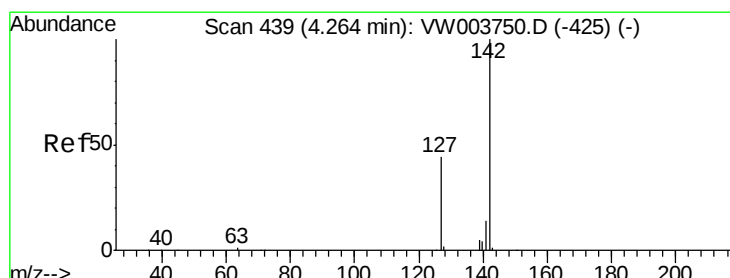
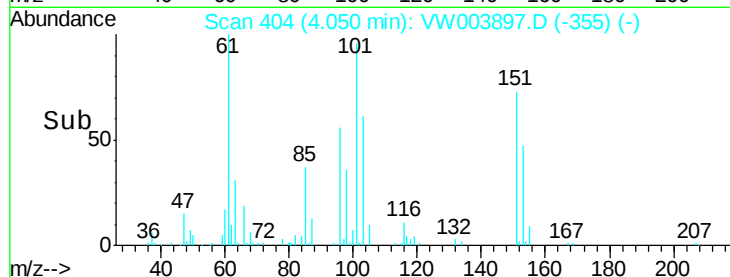
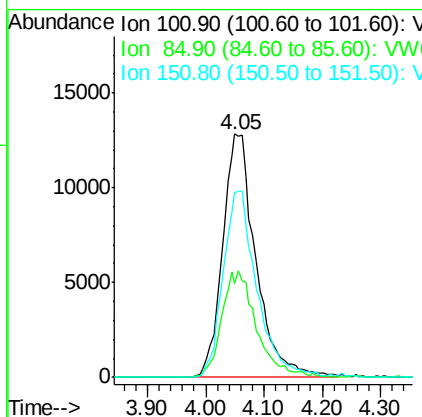
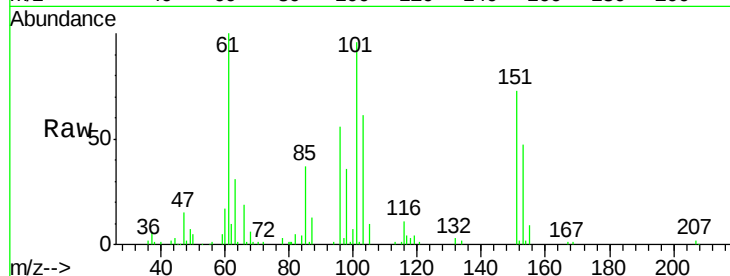
ClientSampleId :

VW0712SBS01

Tot Ion:	101	Resp:	50869
Ion Ratio	Lower	Upper	
101	100		
85	45.1	37.1	55.7
151	77.8	62.3	93.5

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#10

Methyl Iodide

Concen: 22.101 ug/l

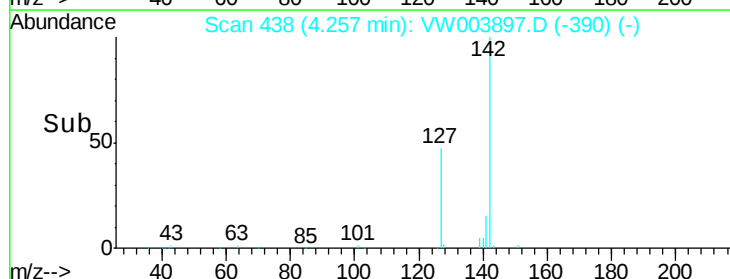
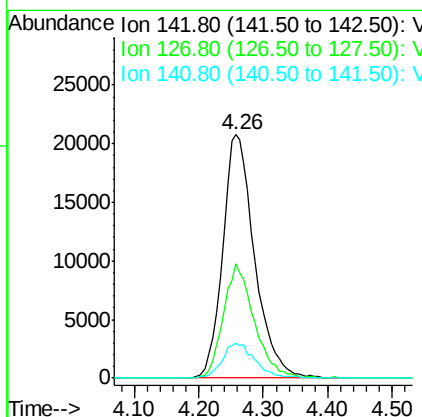
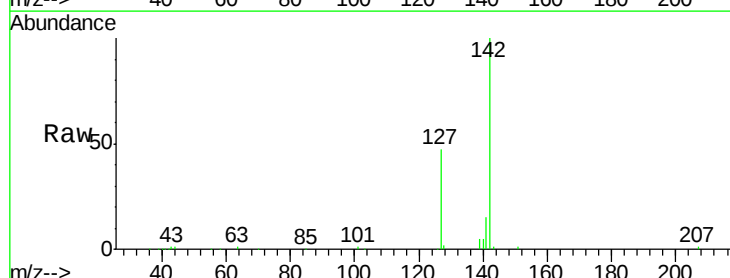
RT: 4.26 min Scan# 438

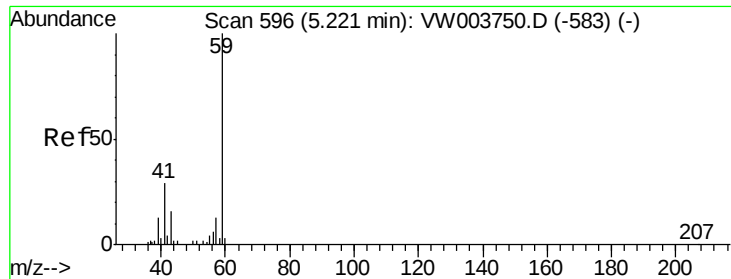
Delta R.T. -0.01 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Tgt Ion:	142	Resp:	71752
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.1	54.1
141	14.7	11.6	17.4





#11

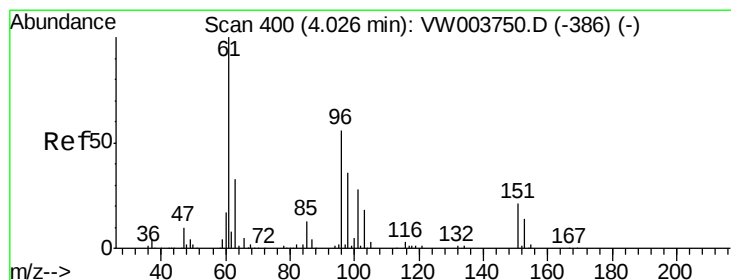
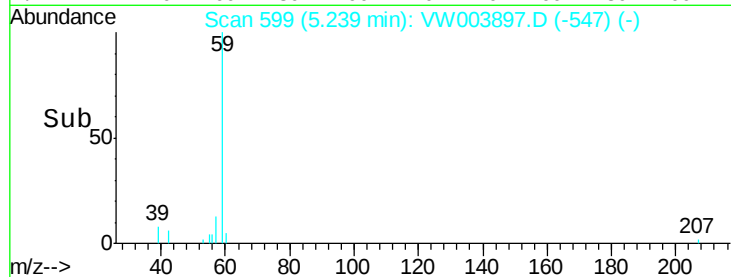
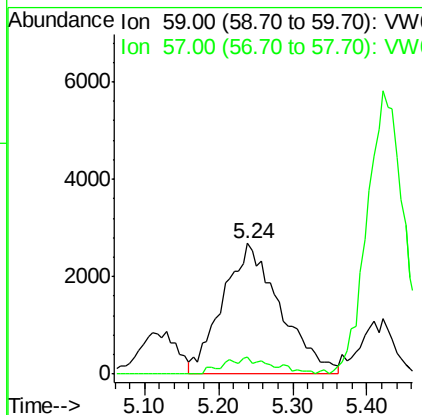
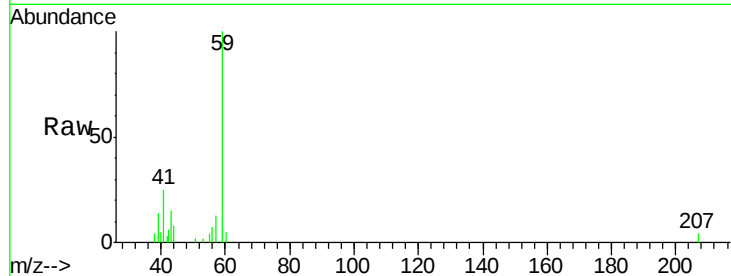
Tert butvl alcohol
Concen: 89.698 ug/l
RT: 5.24 min Scan# 599
Delta R.T. 0.02 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	59	Ratio	Lower	Upper
59	100			
57	0.0		9.3	13.9#

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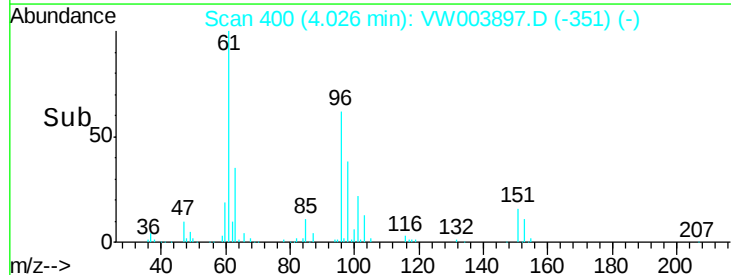
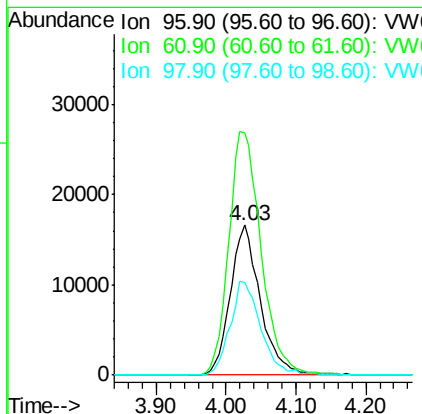
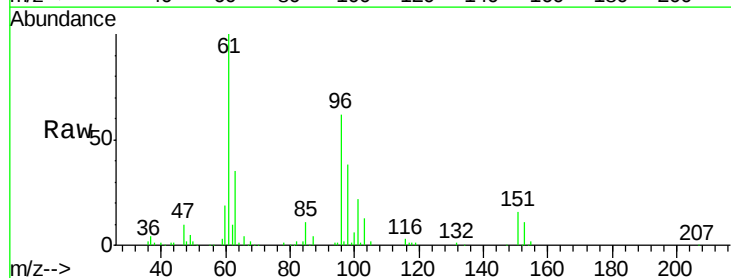
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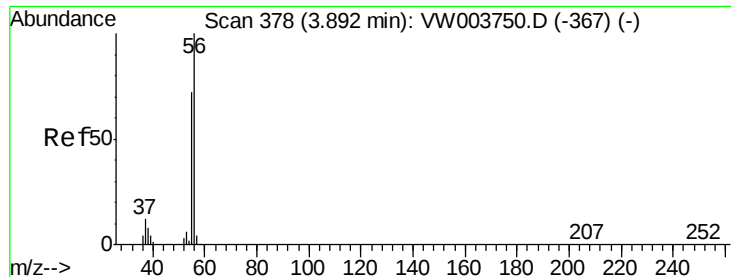


#12

1,1-Dichloroethene
Concen: 23.140 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	96	Resp	Lower	Upper
96	100			
61	161.6		143.2	214.8
98	61.8		51.4	77.0





#13

Acrolein

Concen: 70.247 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 56 Resp: 16995

Ion Ratio Lower Upper

56 100

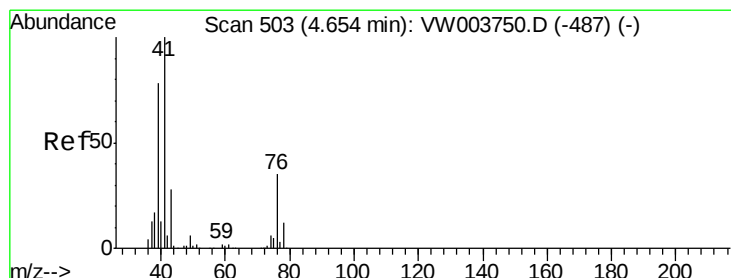
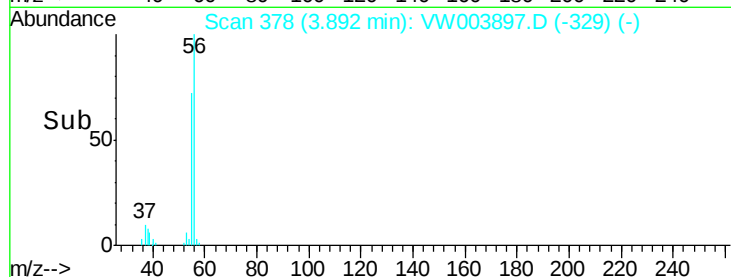
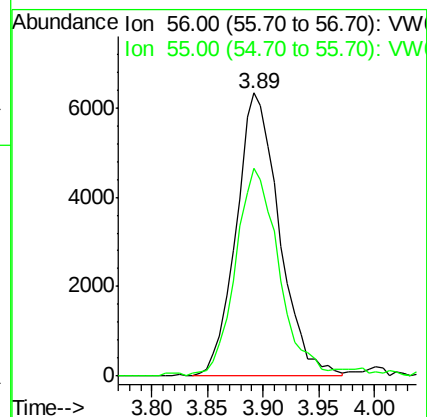
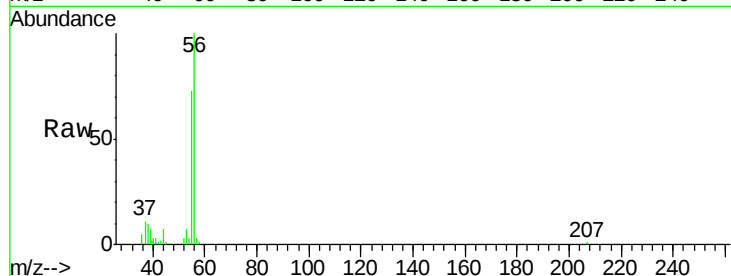
55 73.6 57.5 86.3

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#14

Allyl chloride

Concen: 22.214 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

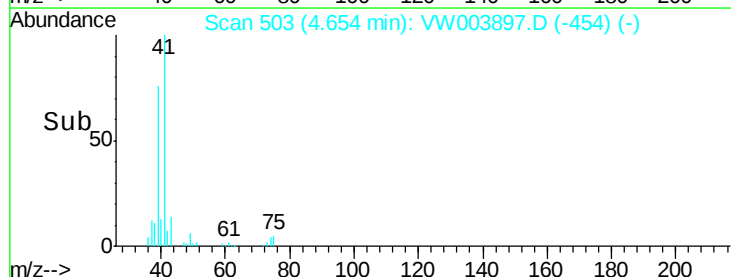
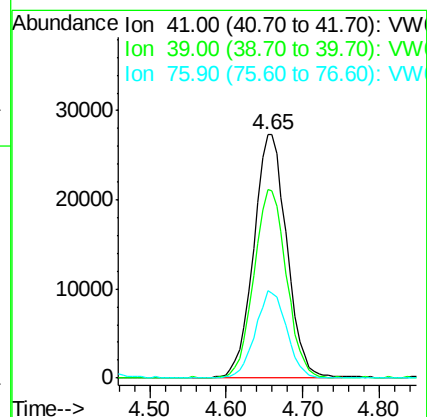
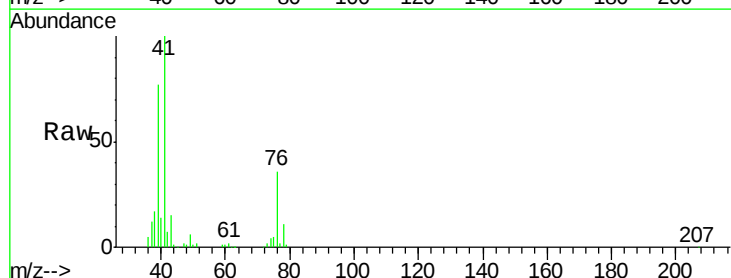
Tgt Ion: 41 Resp: 82709

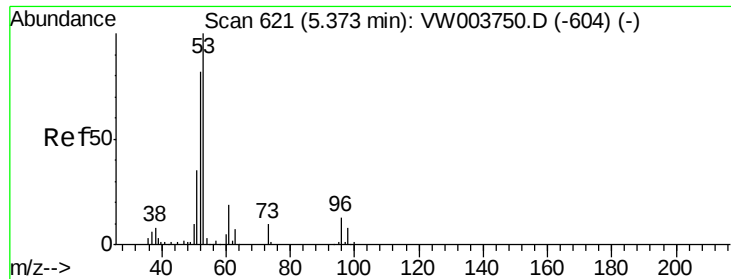
Ion Ratio Lower Upper

41 100

39 76.1 60.9 91.3

76 33.8 27.5 41.3





#15

Acrylonitrile

Concen: 93.084 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

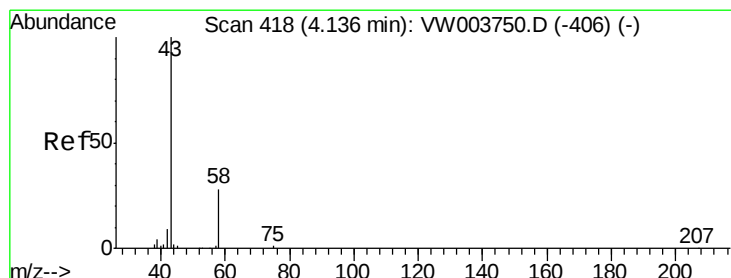
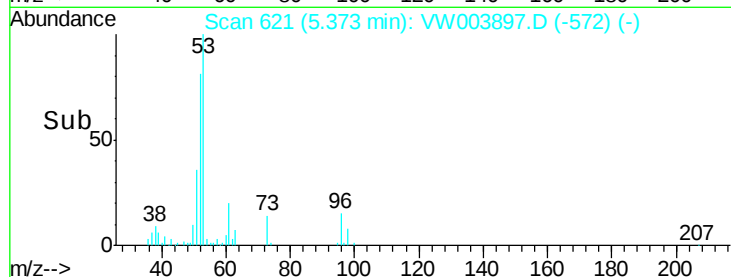
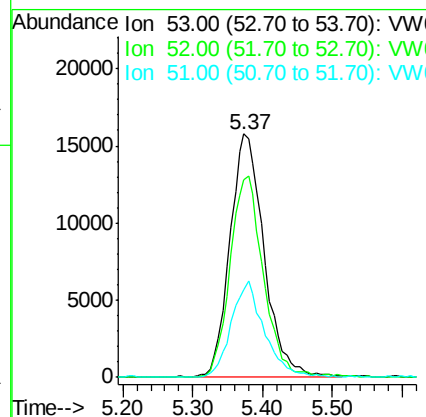
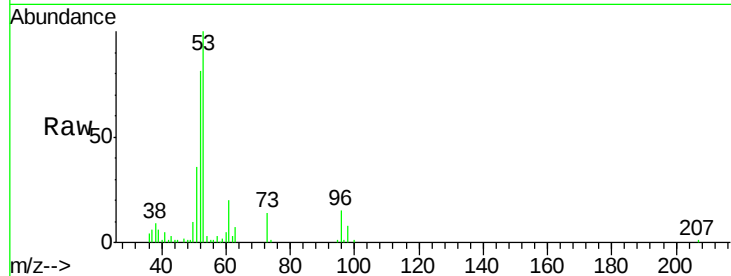
ClientSampleId :

VW0712SBS01

Tot Ion:	53	Resp:	53578
Ion Ratio	Lower	Upper	
53	100		
52	80.9	66.2	99.2
51	38.2	30.2	45.4

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#16

Acetone

Concen: 109.428 ug/l

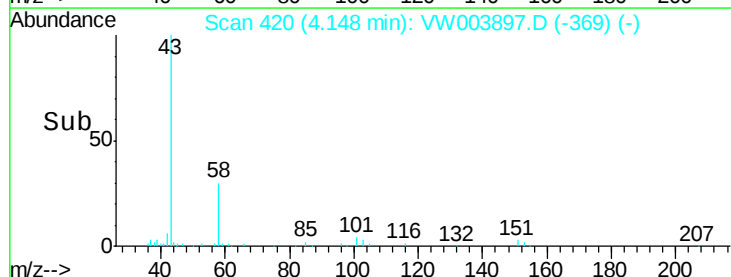
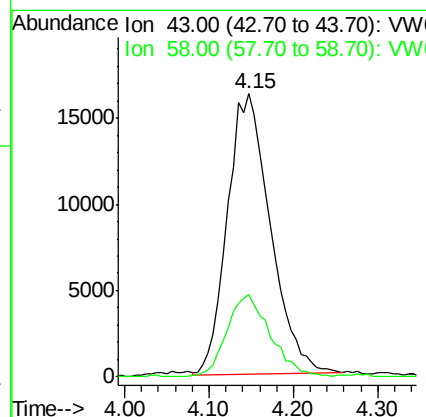
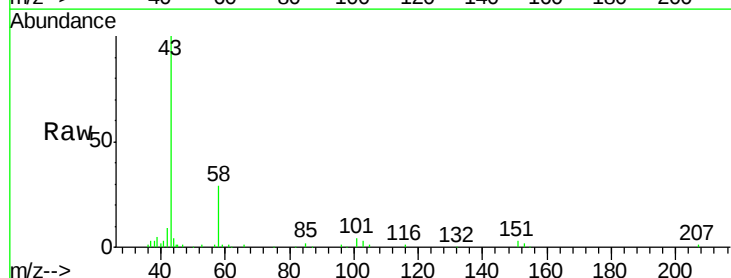
RT: 4.15 min Scan# 420

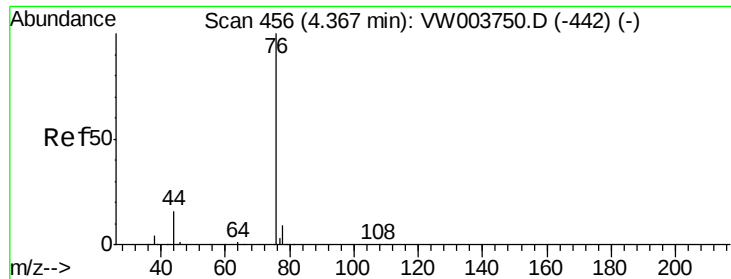
Delta R.T. 0.01 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Tgt Ion:	43	Resp:	56601
Ion Ratio	Lower	Upper	
43	100		
58	29.3	22.6	34.0





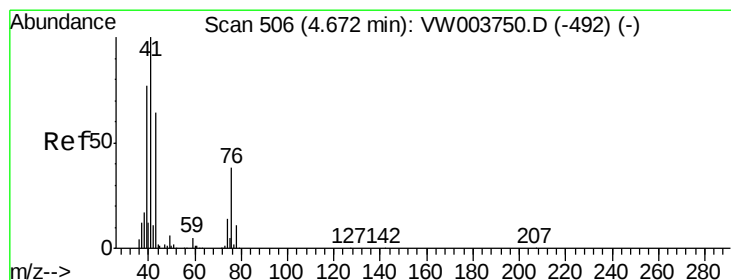
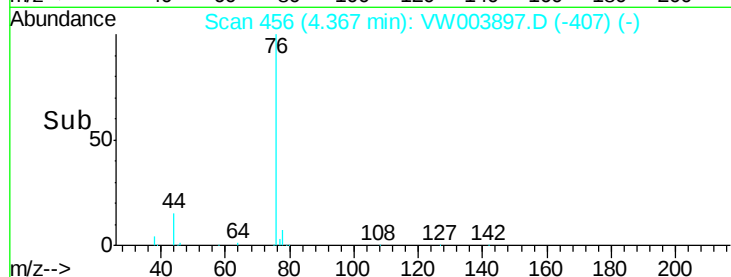
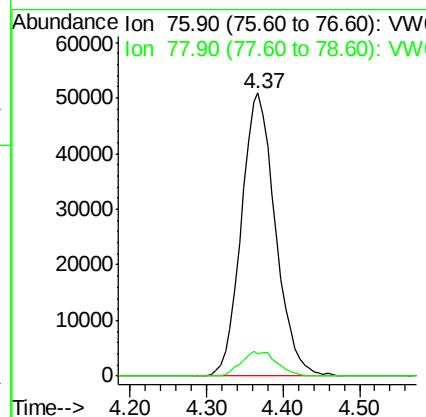
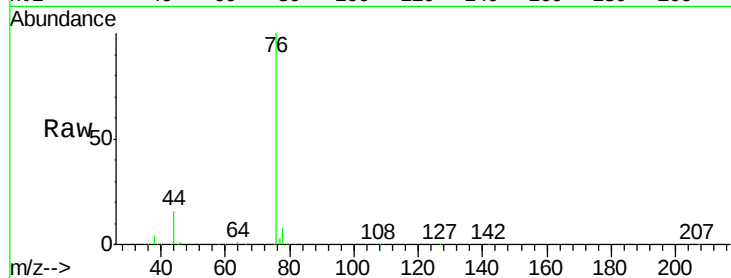
#17
Carbon Disulfide
Concen: 22.377 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.4	11.2

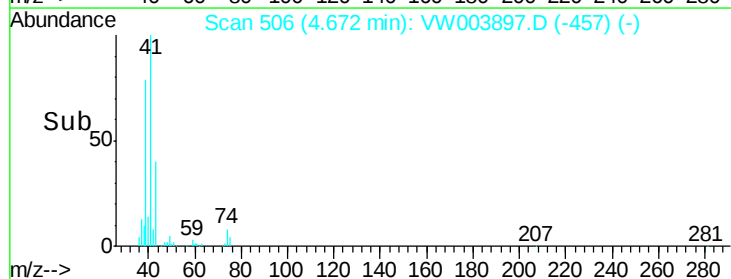
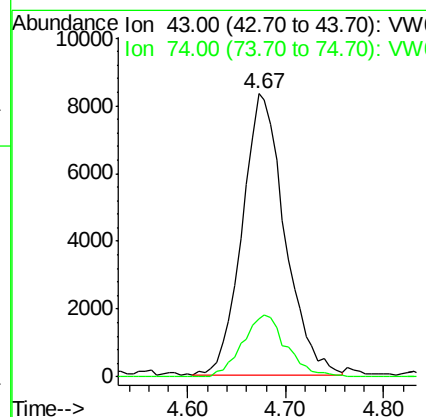
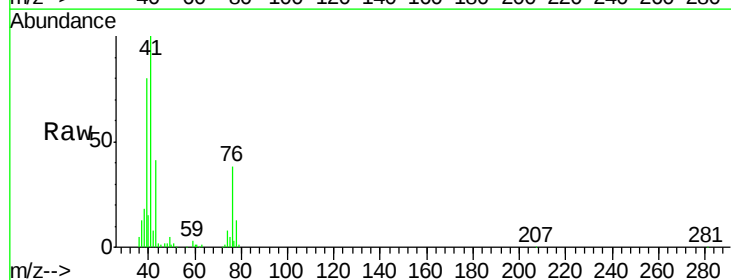
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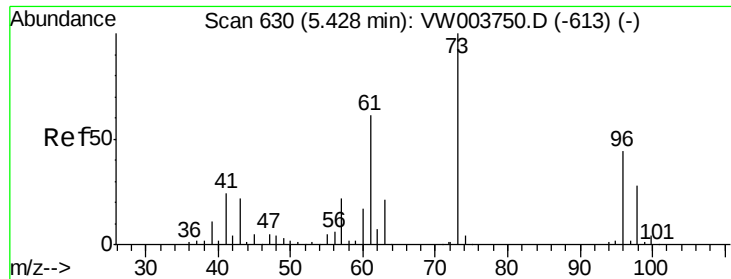
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#18
Methyl Acetate
Concen: 17.172 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.3	25.9





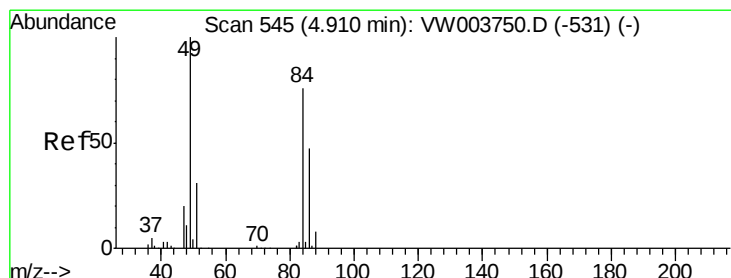
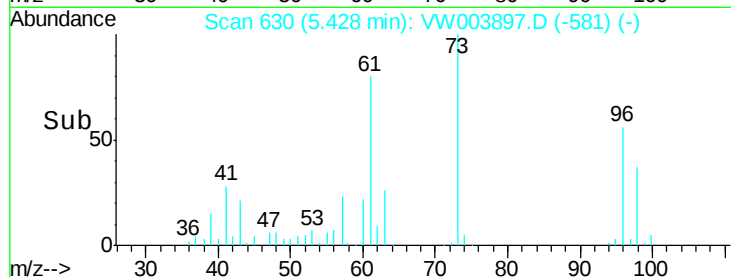
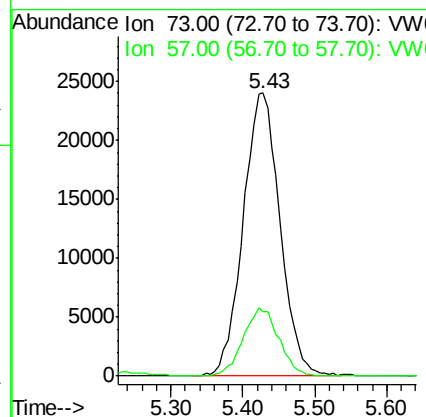
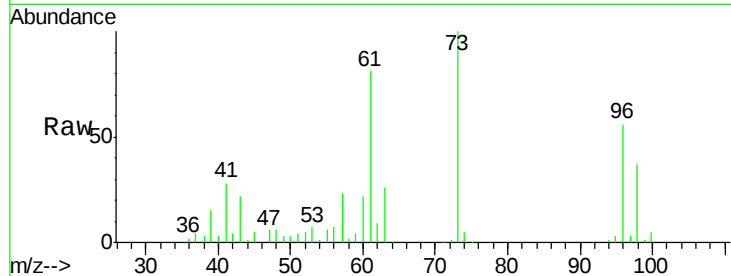
#19
Methvl tert-butvl Ether
Concen: 19.282 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion: 73 Resp: 85328
Ion Ratio Lower Upper
73 100
57 22.8 17.9 26.9

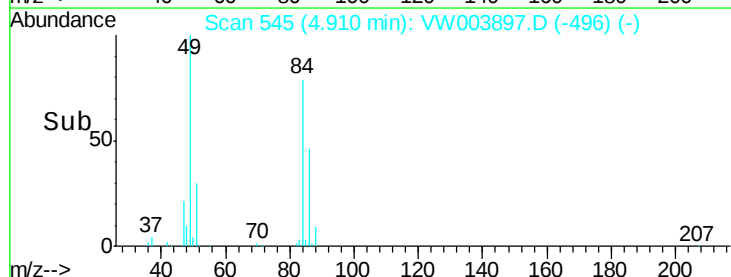
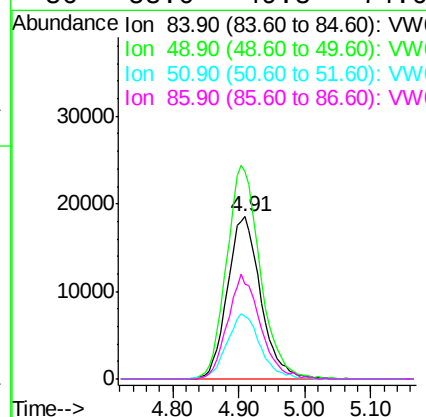
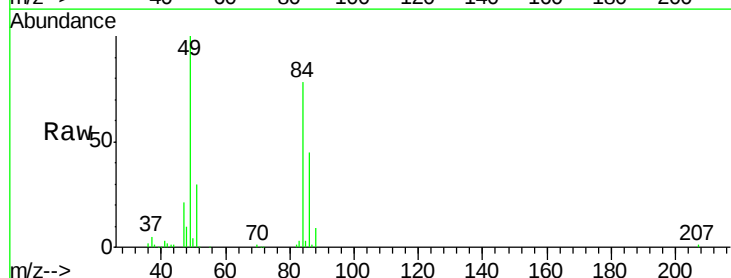
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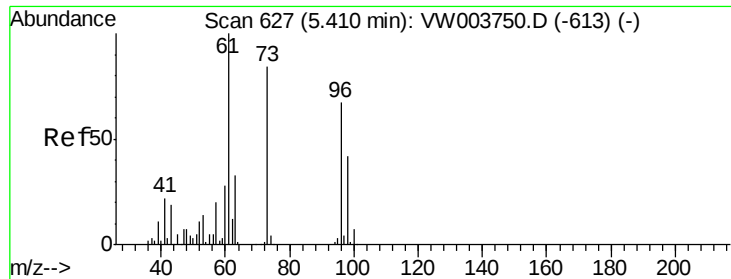
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#20
Methylene Chloride
Concen: 23.303 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion: 84 Resp: 64643
Ion Ratio Lower Upper
84 100
49 127.7 105.1 157.7
51 38.4 32.5 48.7
86 58.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 20.840 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

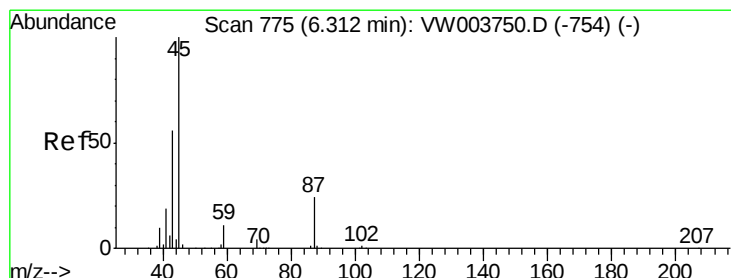
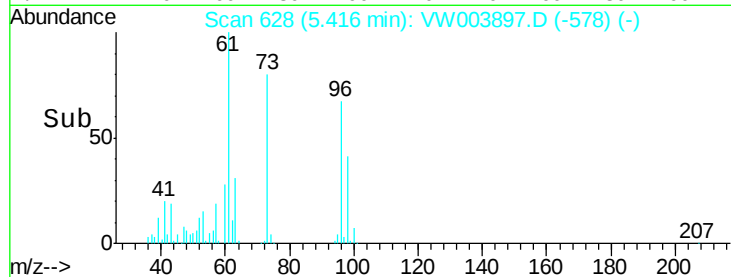
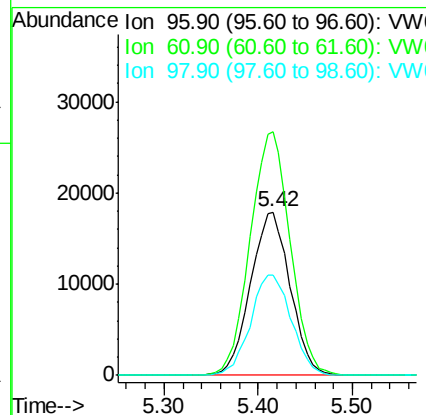
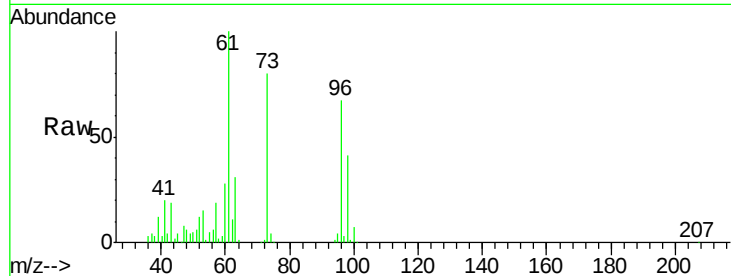
ClientSampleId :

VW0712SBS01

Tot Ion:	96	Resp:	52836
Ion	Ratio	Lower	Upper
96	100		
61	148.9	119.0	178.6
98	61.3	49.8	74.8

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#22

Diisopropyl ether

Concen: 20.239 ug/l

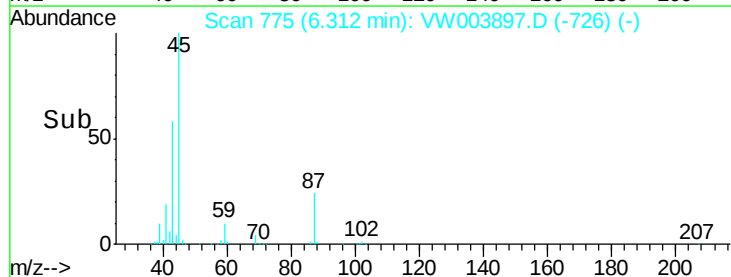
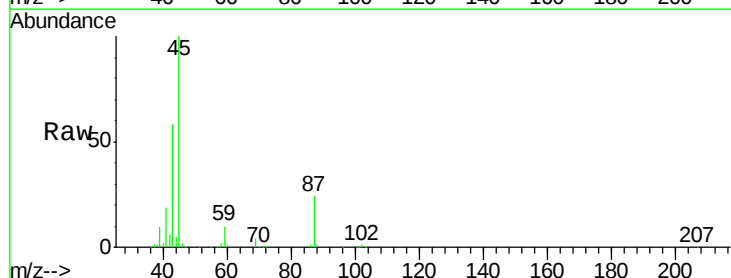
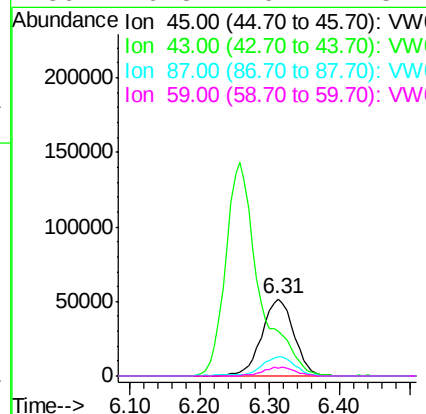
RT: 6.31 min Scan# 775

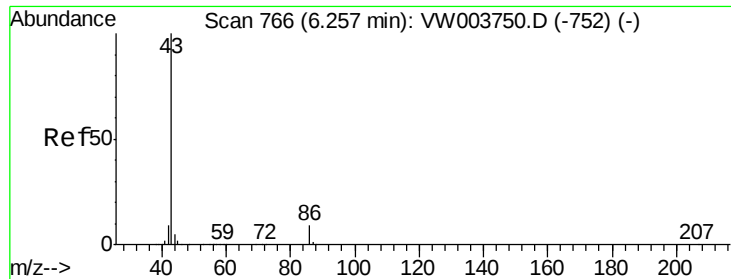
Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Tgt Ion:	45	Resp:	165671
Ion	Ratio	Lower	Upper
45	100		
43	57.7	44.5	66.7
87	24.1	19.6	29.4
59	10.3	9.1	13.7





#23

Vinyl Acetate

Concen: 94.814 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 43 Resp: 473777

Ion Ratio Lower Upper

43 100

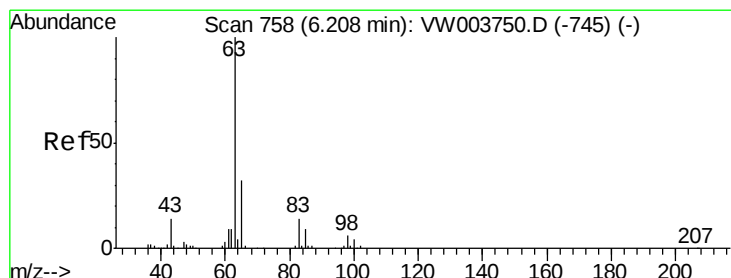
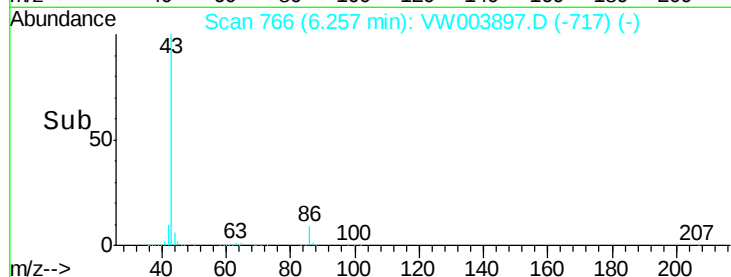
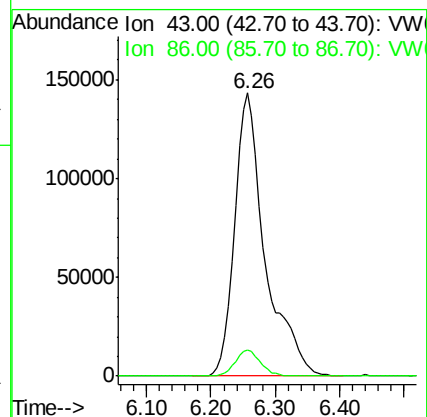
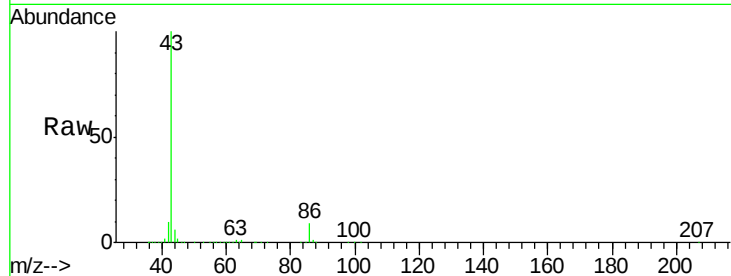
86 9.3 7.3 10.9

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#24

1,1-Dichloroethane

Concen: 20.327 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

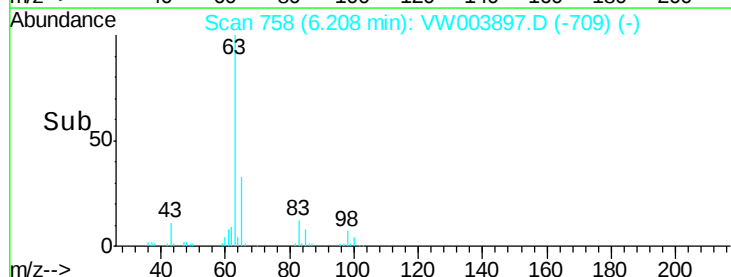
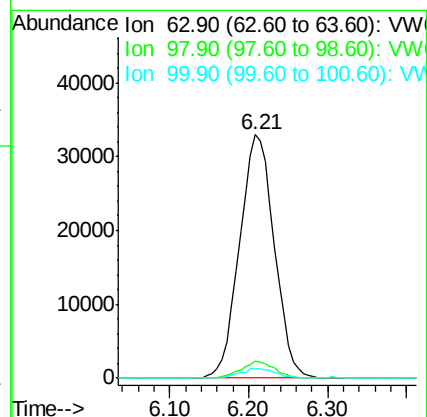
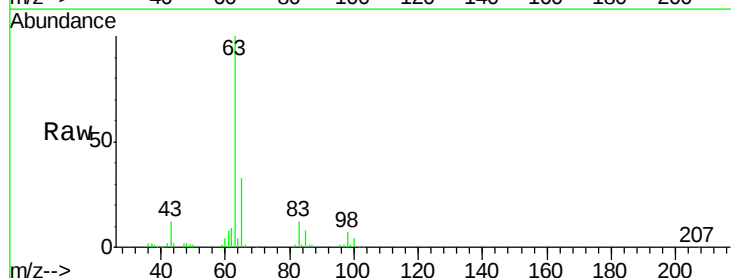
Tgt Ion: 63 Resp: 100634

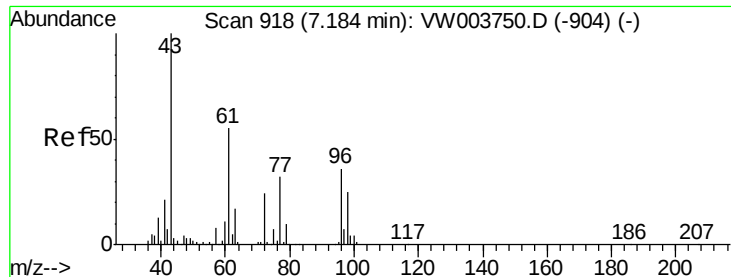
Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 89.906 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 43 Resp: 72837

Ion Ratio Lower Upper

43 100

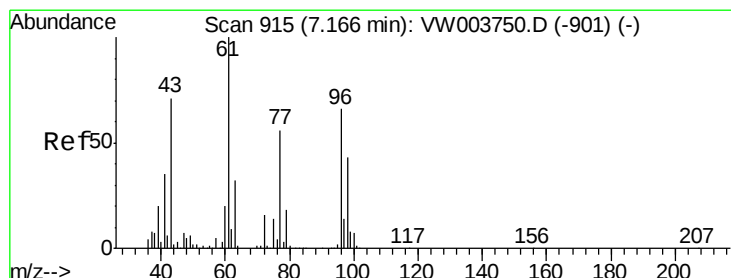
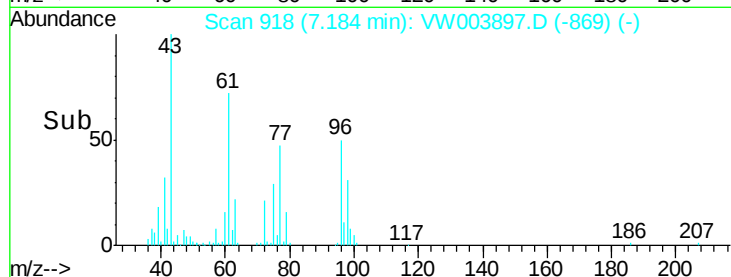
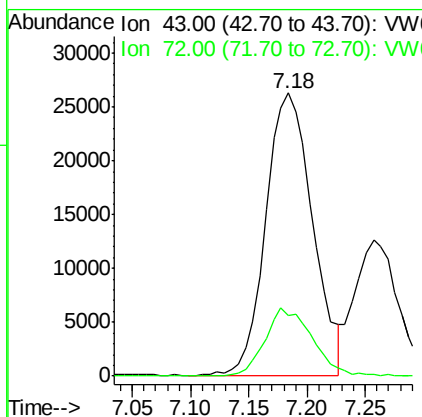
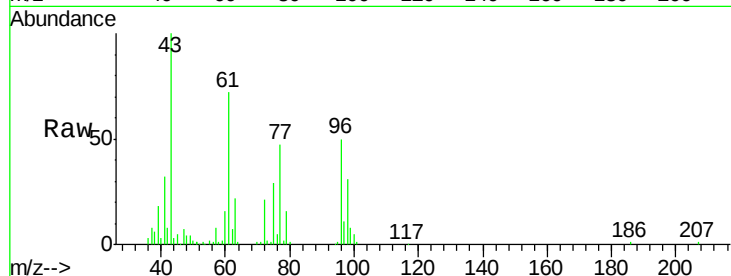
72 21.5 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 23.120 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003897.D

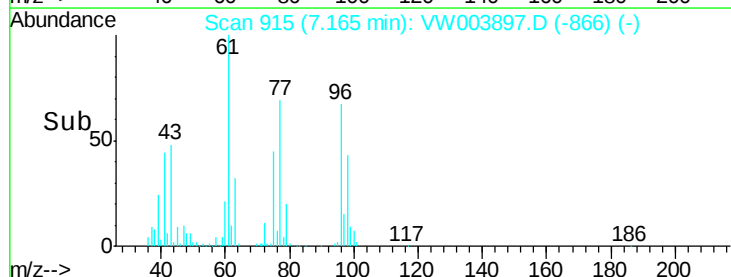
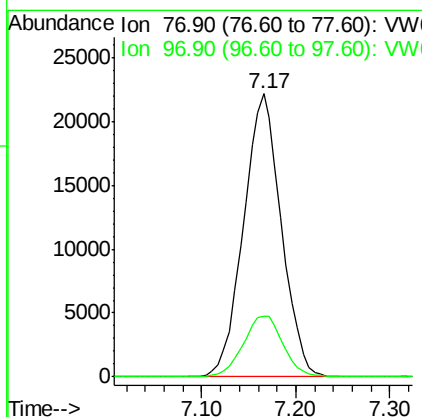
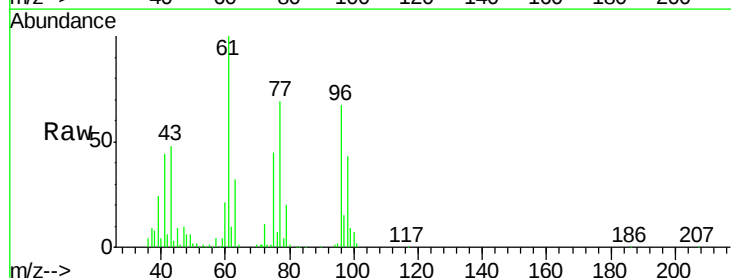
Acq: 12 Jul 2018 15:22

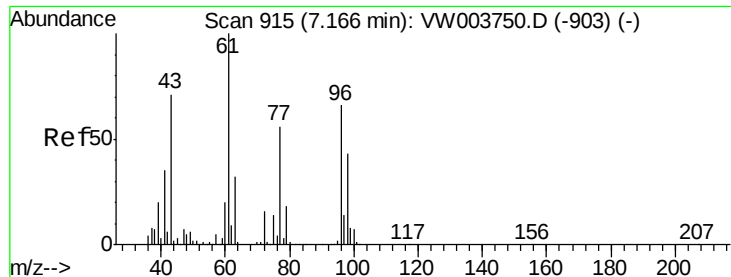
Tgt Ion: 77 Resp: 62083

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5





#27

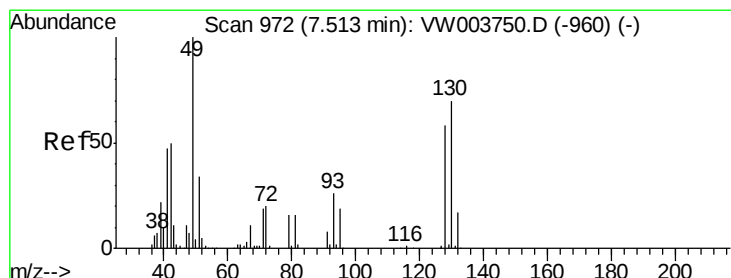
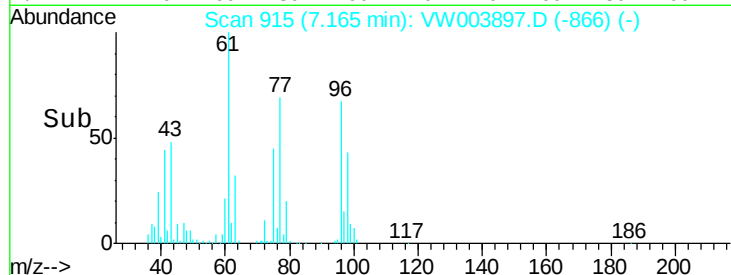
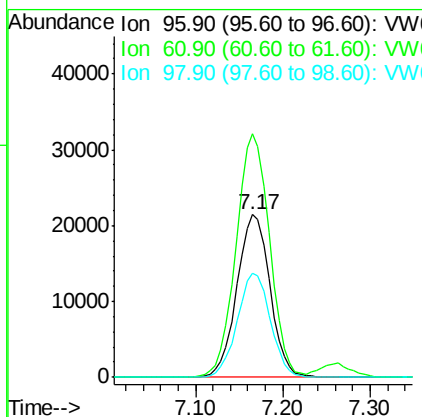
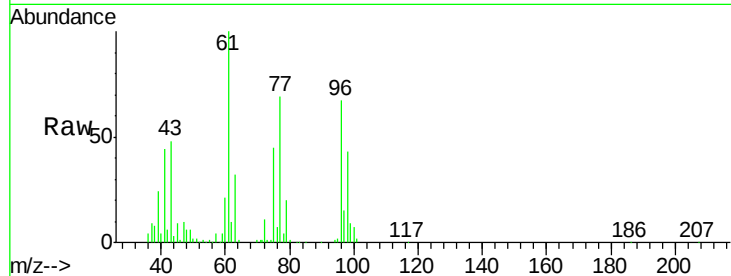
cis-1,2-Dichloroethene
Concen: 20.129 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	56435		
61	151.5		0.0	300.8
98	63.7		0.0	128.6

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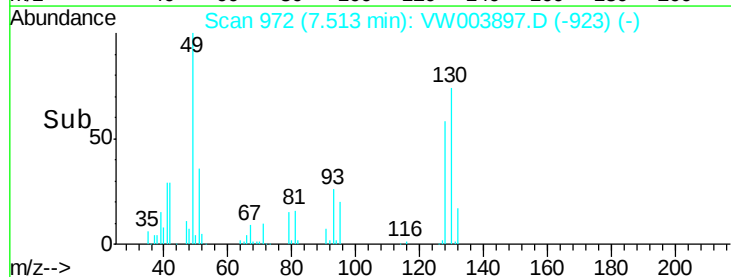
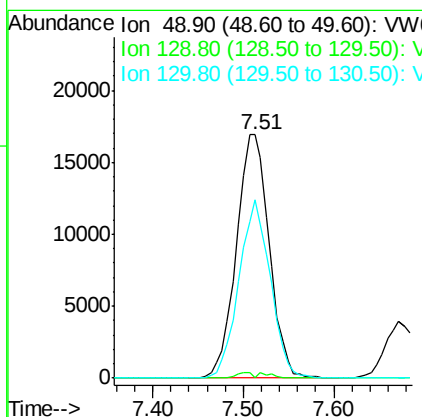
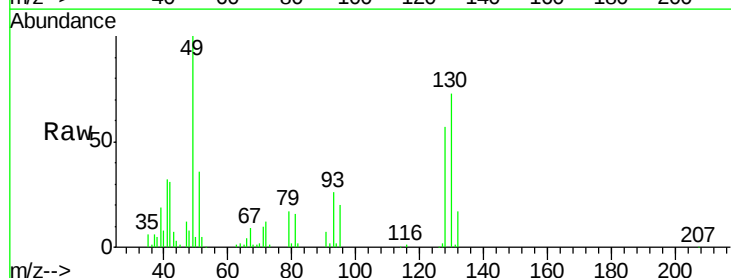
apatel
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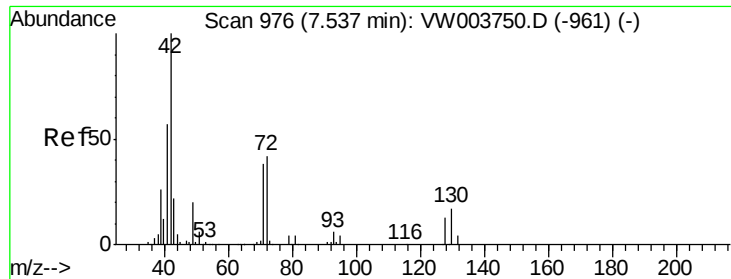


#28

Bromochloromethane
Concen: 19.281 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42524		
129	0.8		0.0	4.4
130	70.0		56.9	85.3





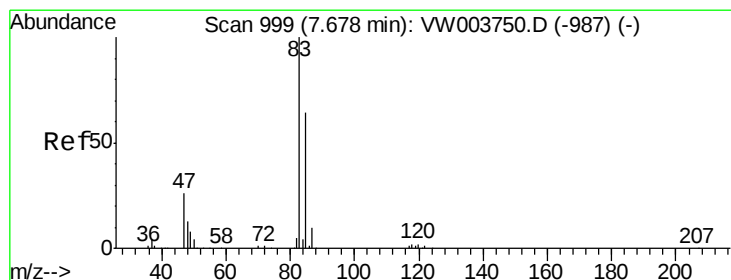
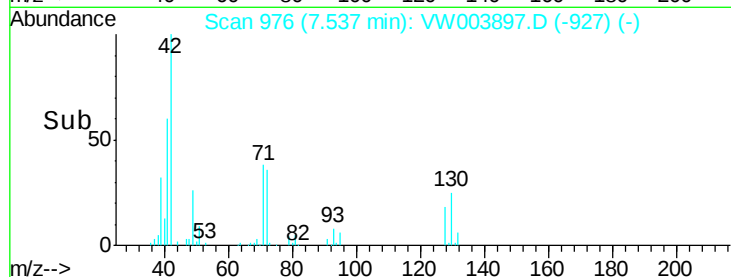
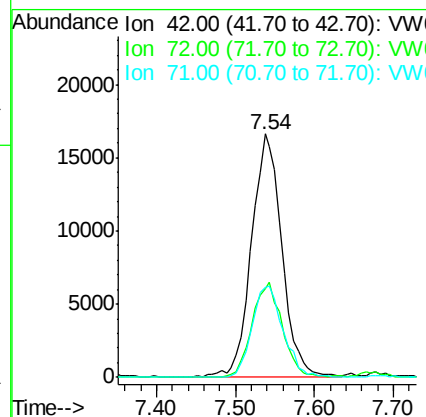
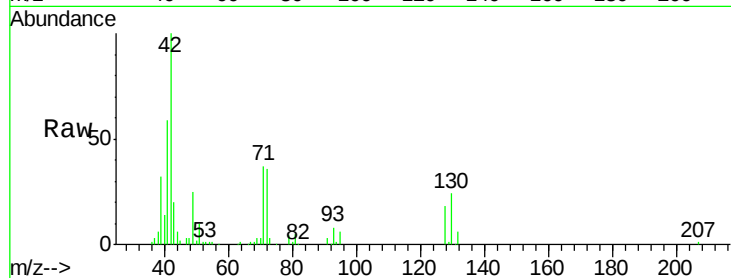
#29
Tetrahydrofuran
Concen: 85.882 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.5	31.8	47.8
71	38.2	30.3	45.5

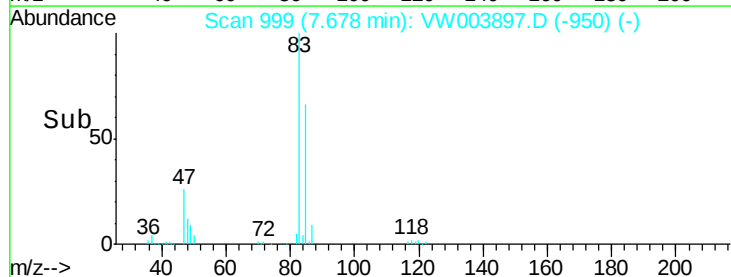
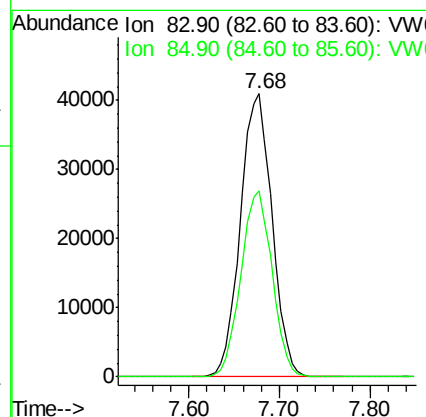
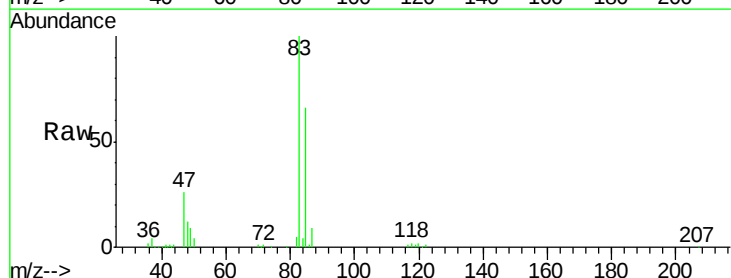
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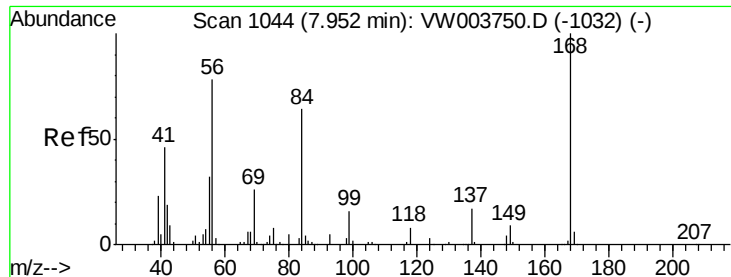
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#30
Chloroform
Concen: 19.603 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.5	77.3





#31

Cyclohexane

Concen: 21.258 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

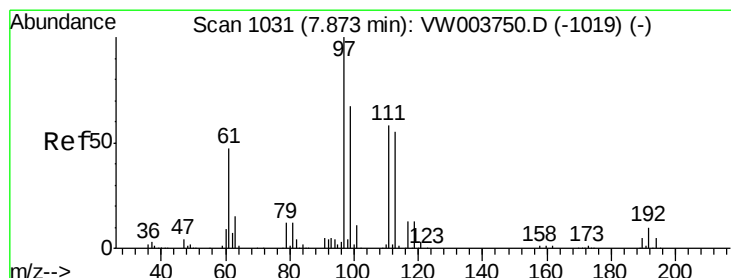
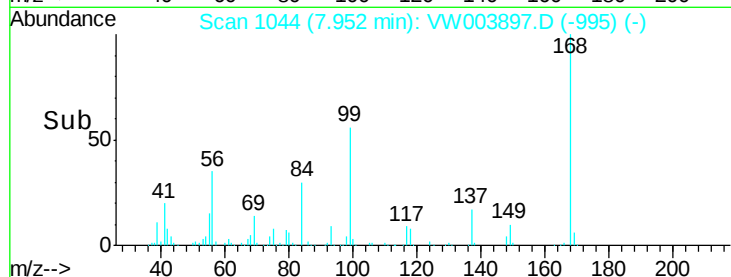
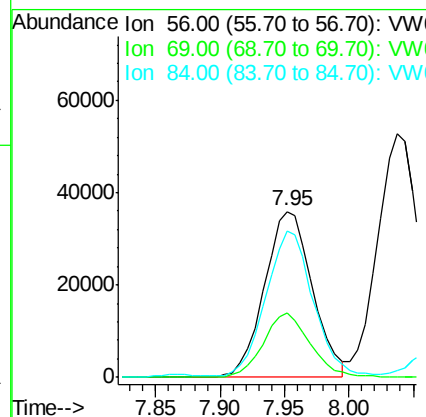
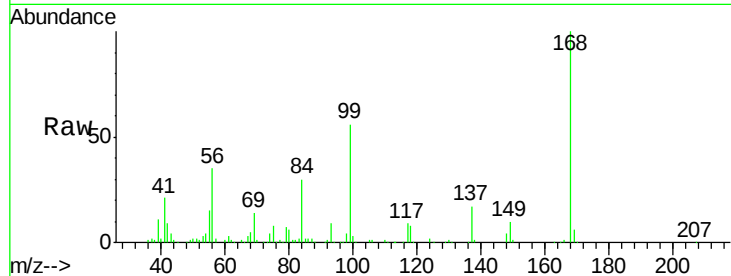
ClientSampleId :

VW0712SBS01

Tot Ion:	56	Resp:	92482
Ion Ratio	Lower	Upper	
56	100		
69	39.2	26.2	39.4
84	86.7	65.5	98.3

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#32

1,1,1-Trichloroethane

Concen: 21.216 ug/l

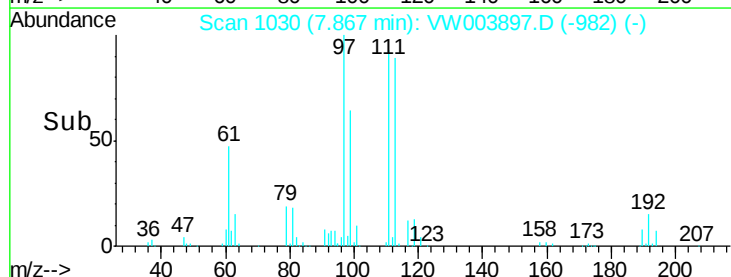
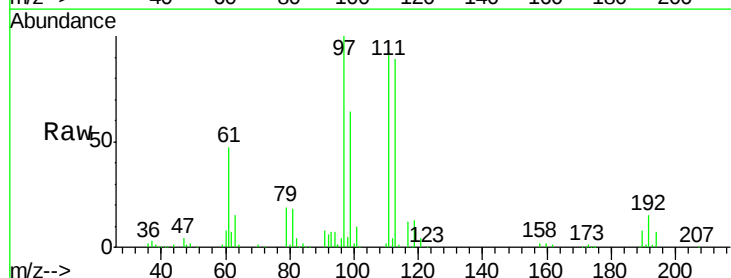
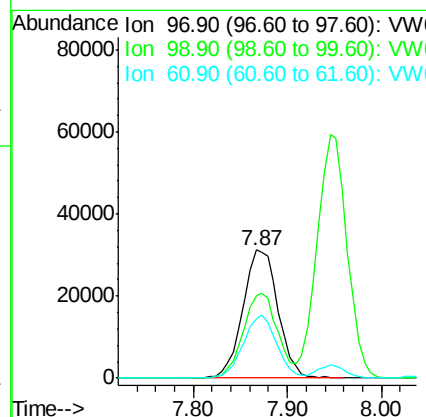
RT: 7.87 min Scan# 1030

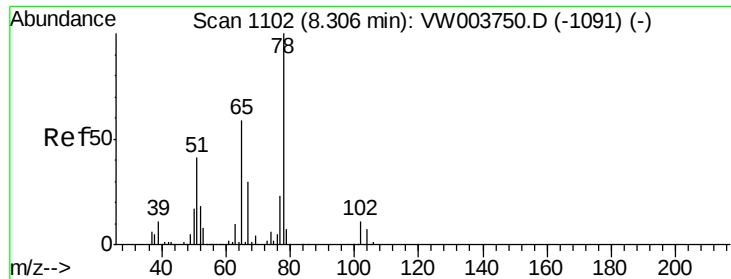
Delta R.T. -0.01 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Tgt Ion:	97	Resp:	81547
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.2	76.8
61	46.3	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 47.325 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 65 Resp: 141090

Ion Ratio Lower Upper

65 100

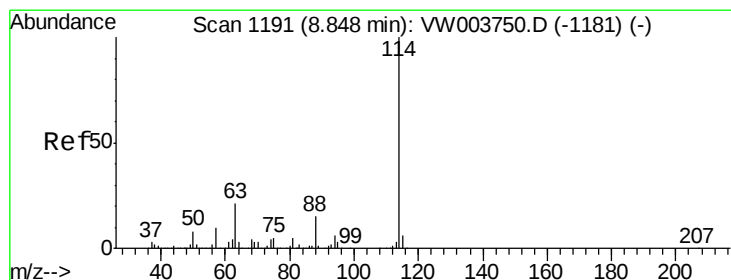
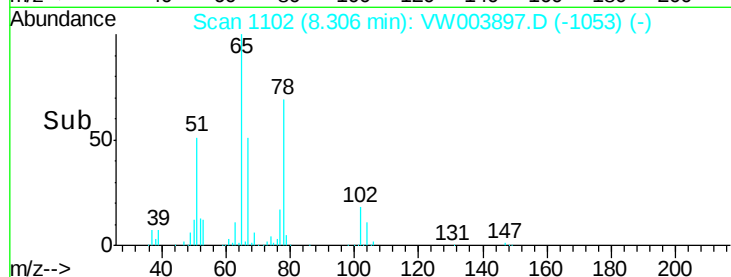
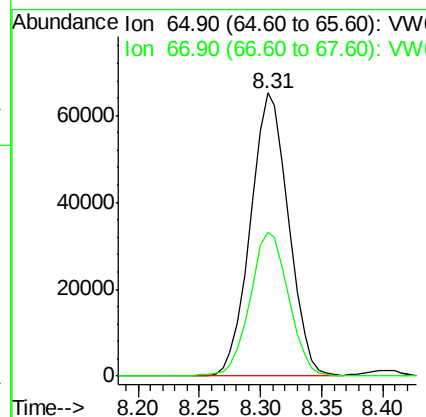
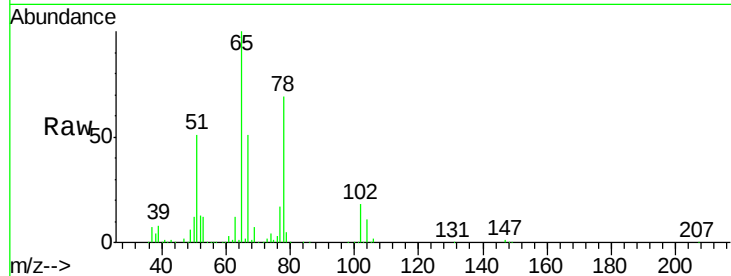
67 51.6 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

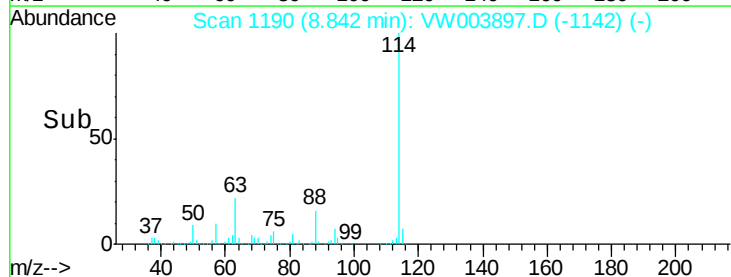
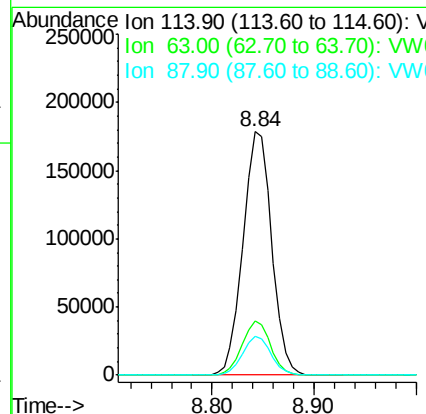
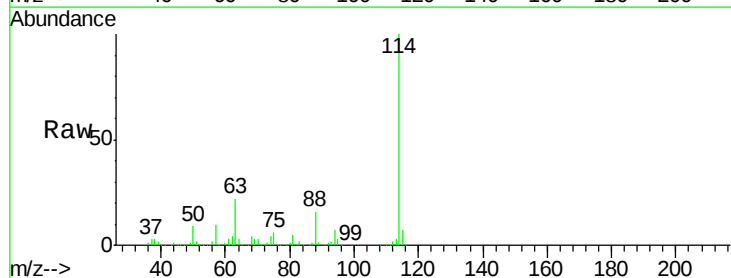
Tgt Ion: 114 Resp: 348346

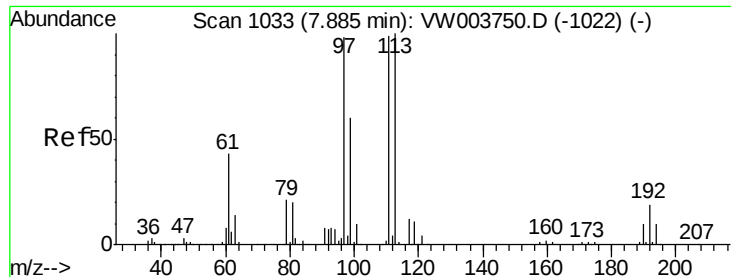
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 16.1 0.0 30.2





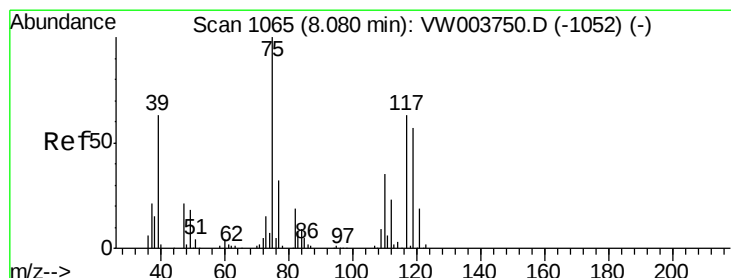
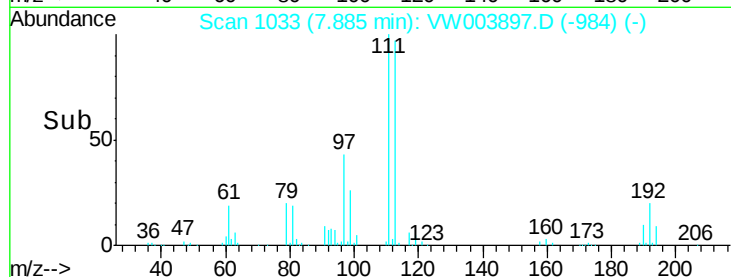
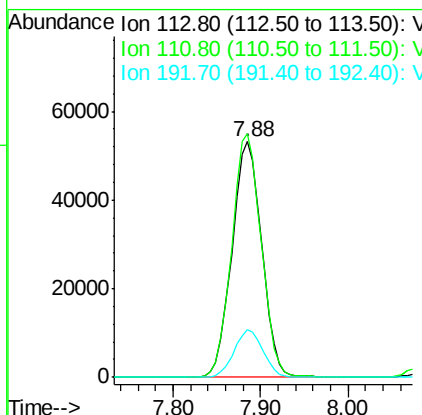
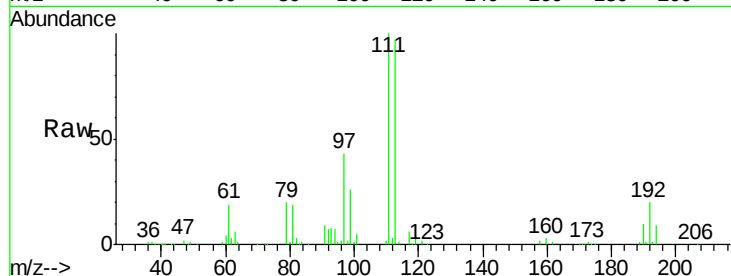
#35
 Dibromofluoromethane
 Concen: 51.677 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	19.6	15.8	23.8

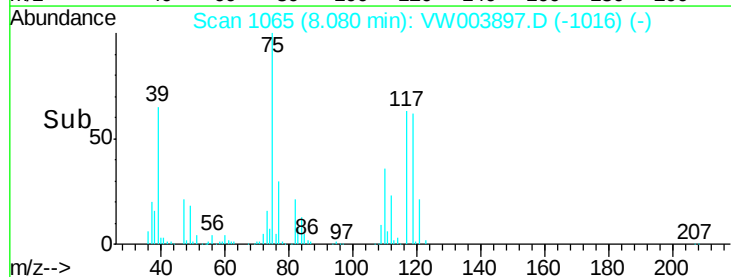
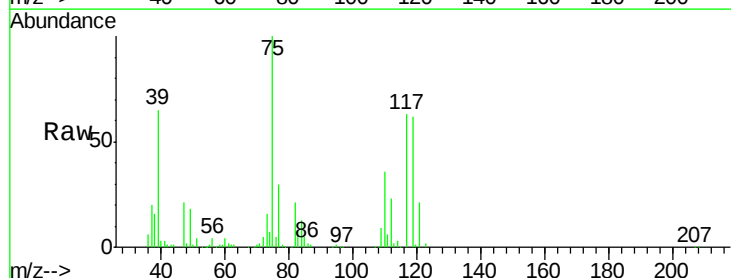
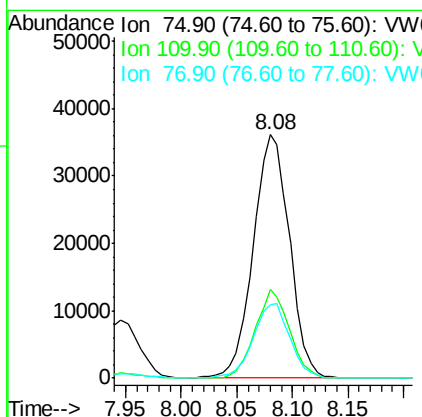
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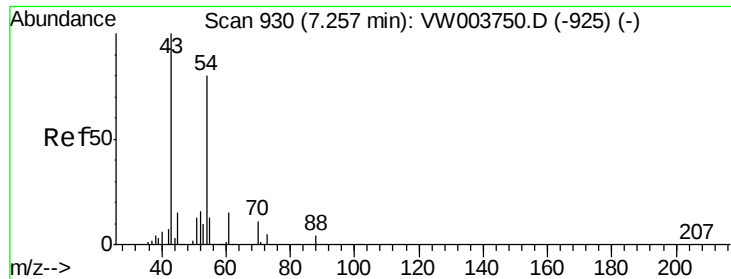
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#36
 1,1-Dichloropropene
 Concen: 22.222 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.6
77	30.8	24.8	37.2





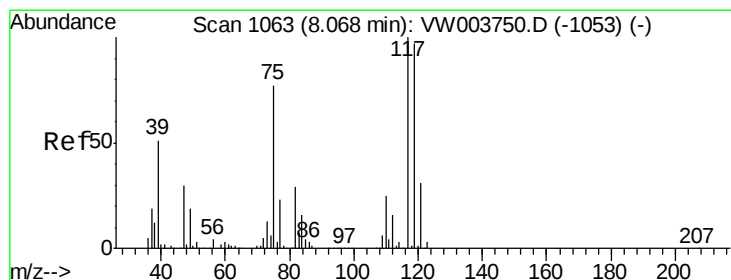
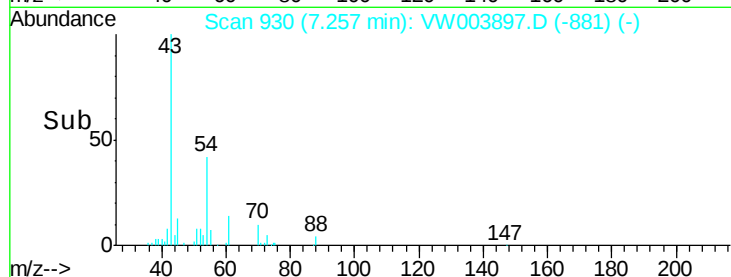
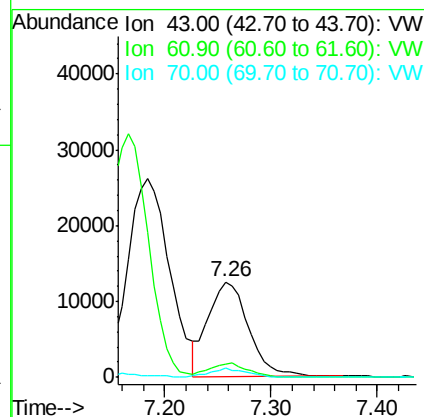
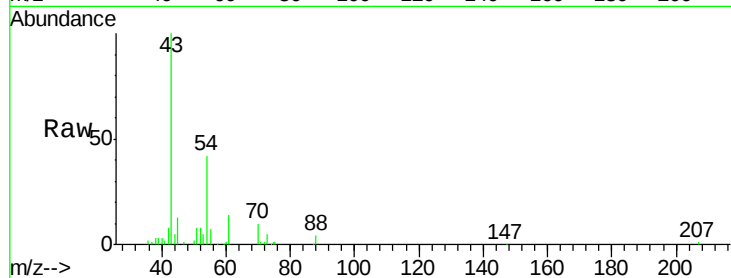
#37
Ethyl Acetate
Concen: 18.311 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	15.8
70	8.9	7.5	11.3

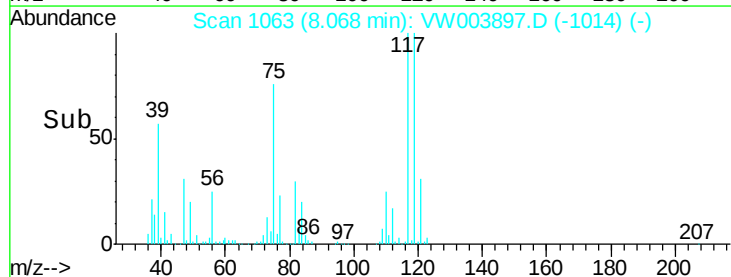
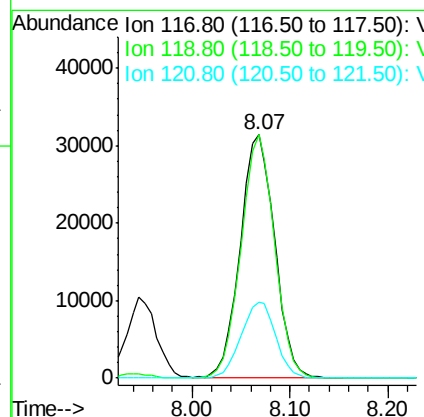
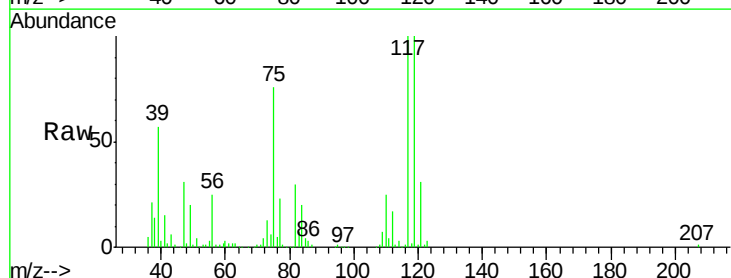
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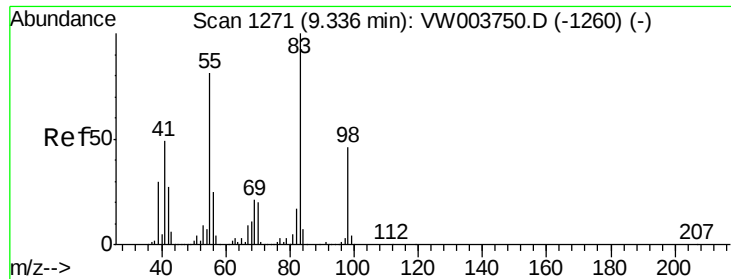
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#38
Carbon Tetrachloride
Concen: 21.886 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	77.4	116.2
121	31.2	24.6	37.0





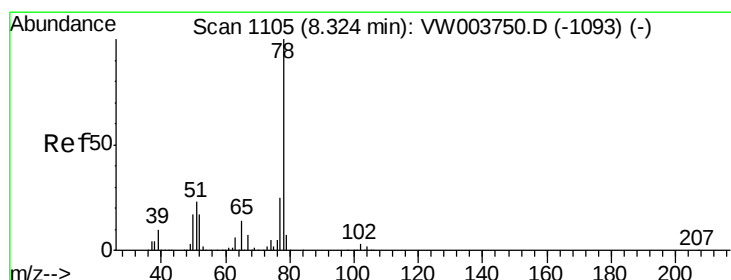
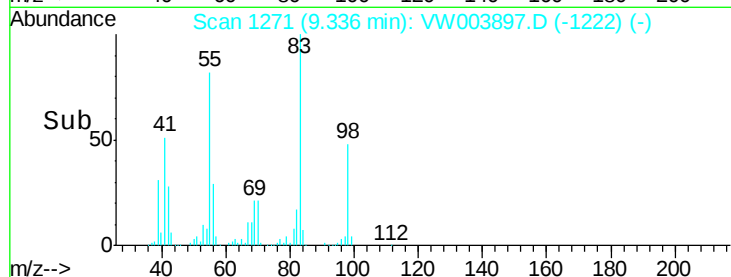
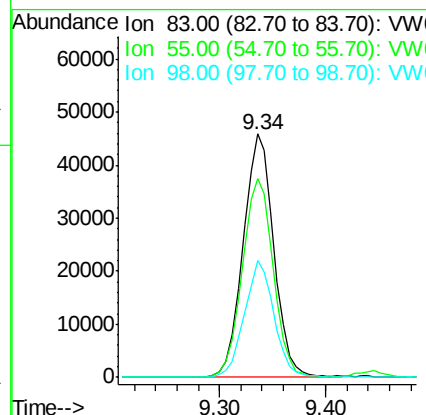
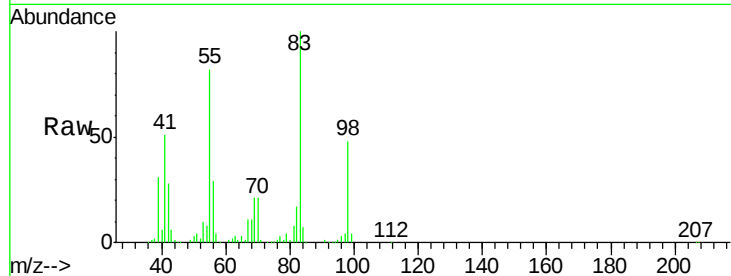
#39
Methvlcvclohexane
Concen: 22.894 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.7	65.1	97.7
98	48.0	36.7	55.1

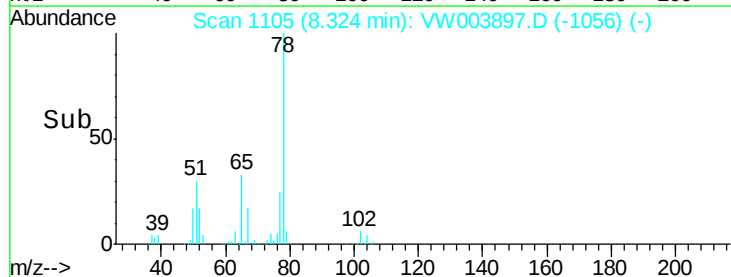
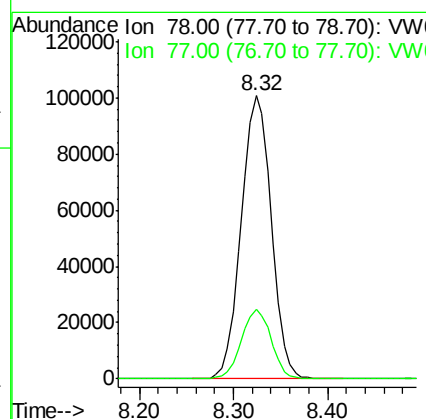
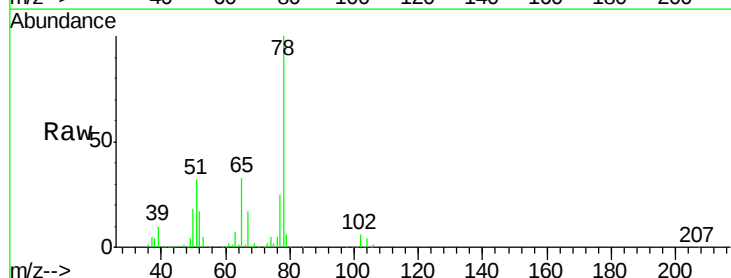
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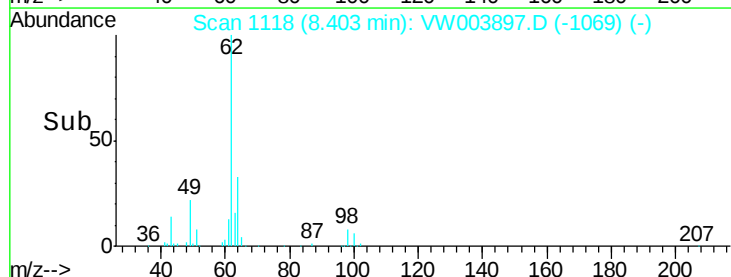
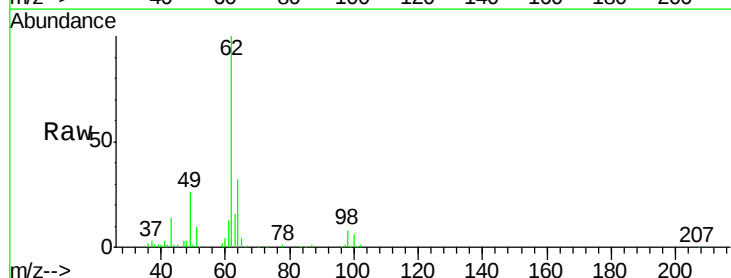
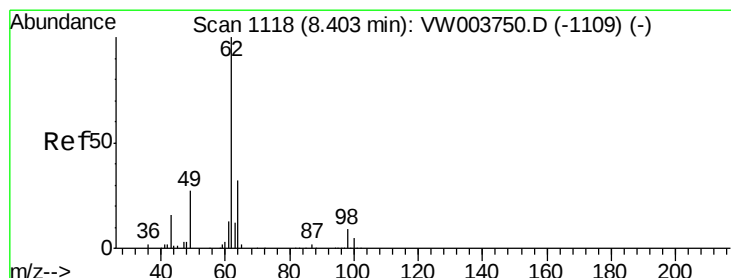
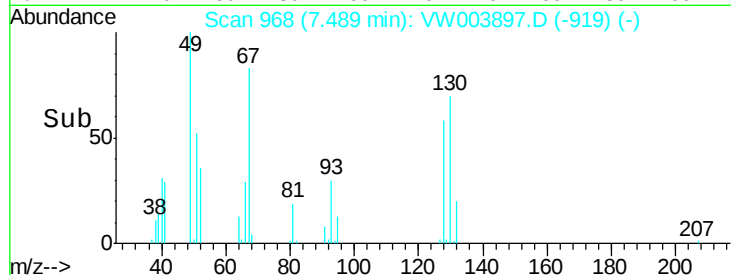
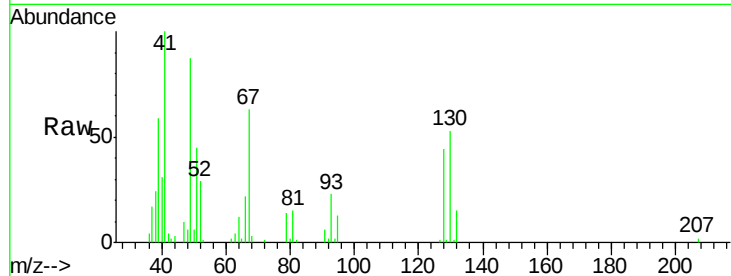
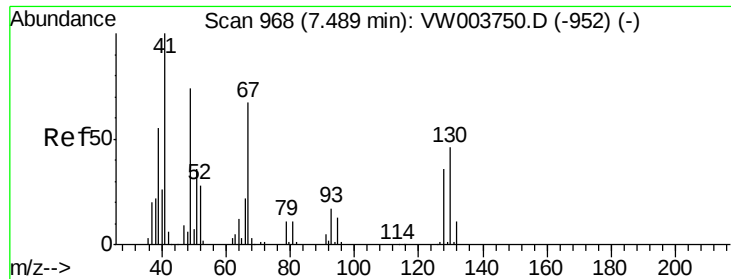
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#40
Benzene
Concen: 21.234 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

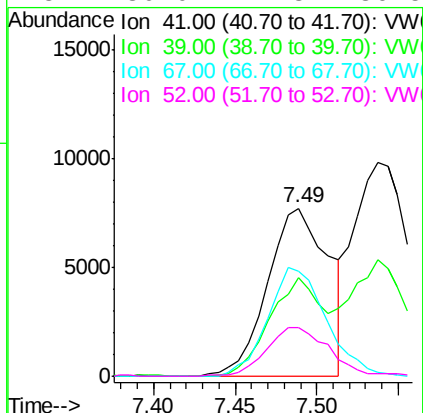
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.7	29.5





#41
Methacrylonitrile
Concen: 19.374 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tot Ion	41	Resp	20043
Ion Ratio	Lower	Upper	
41	100		
39	50.4	49.5	74.3
67	61.9	53.8	80.8
52	30.0	24.3	36.5



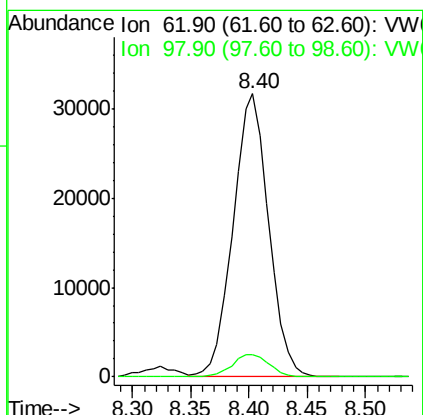
Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

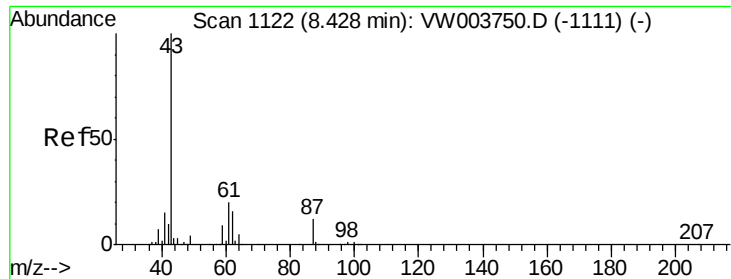
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 19.687 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	62	Resp	67326
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	16.4





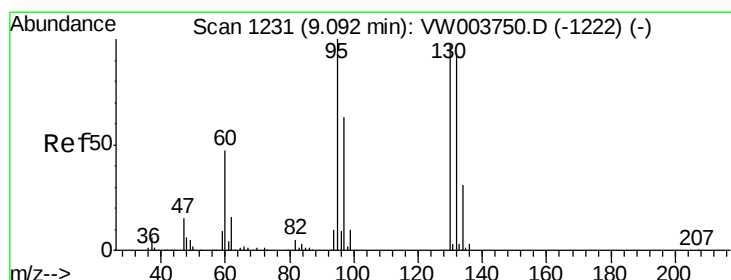
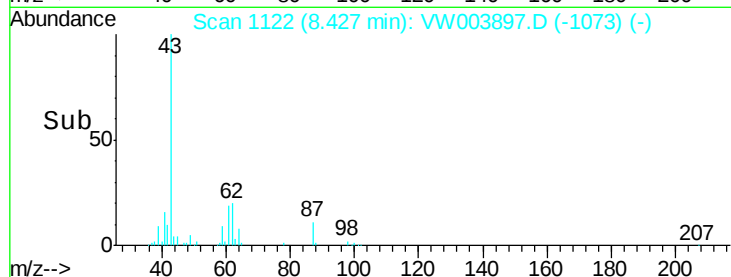
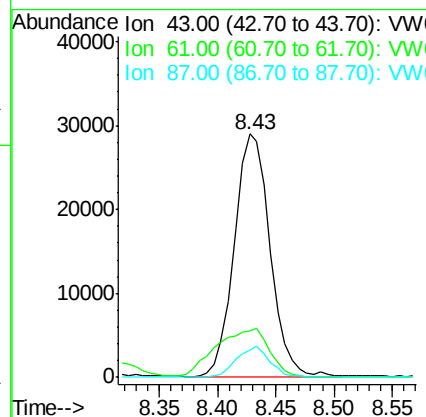
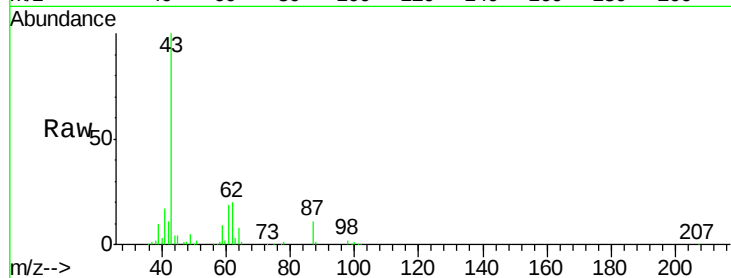
#43
Isopropyl Acetate
Concen: 18.339 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	22.8	34.2
87	11.9	9.5	14.3

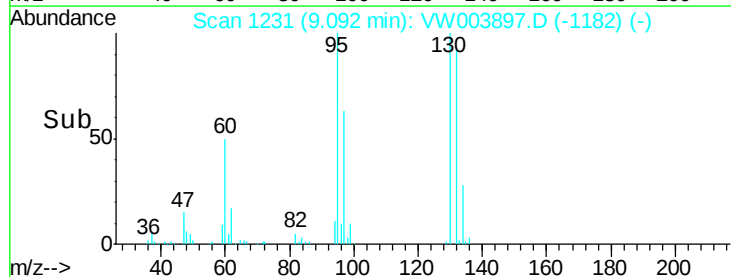
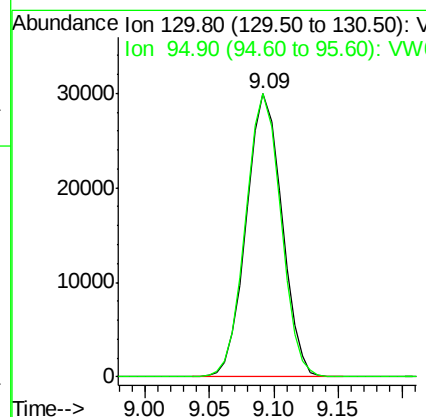
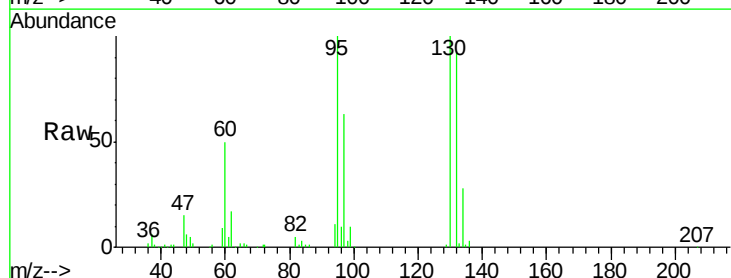
Manual Integrations
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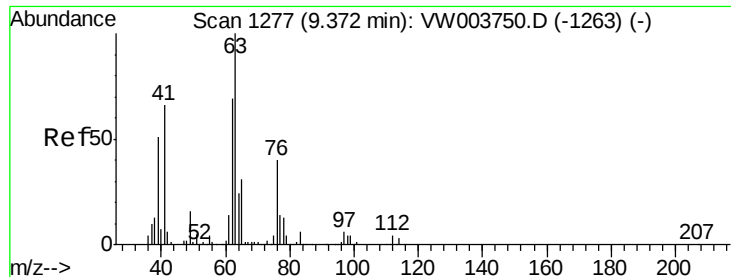
apatel
7/13/2018 9:31:19 AM



#44
Trichloroethene
Concen: 21.544 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	203.8





#45

1,2-Dichloropropane

Concen: 20.436 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 63 Resp: 56149

Ion Ratio Lower Upper

63 100

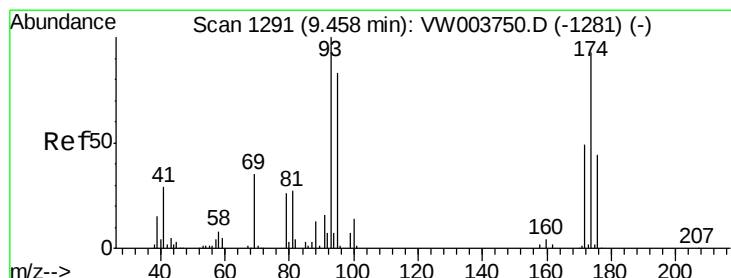
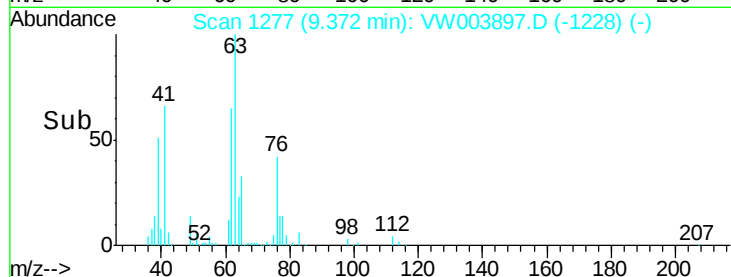
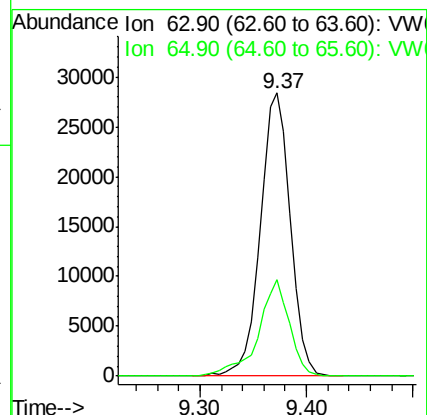
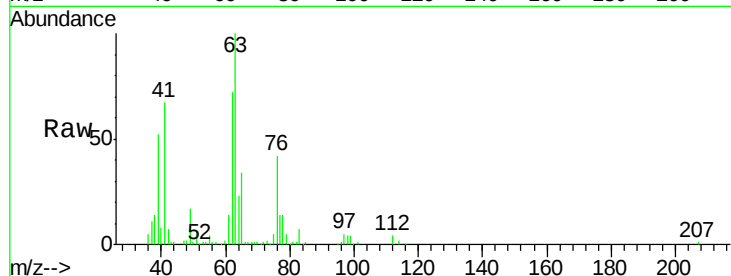
65 34.1 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 19.416 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

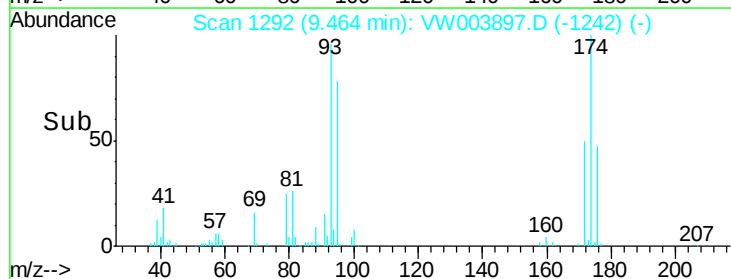
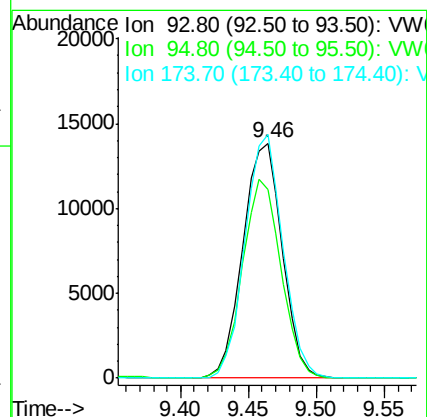
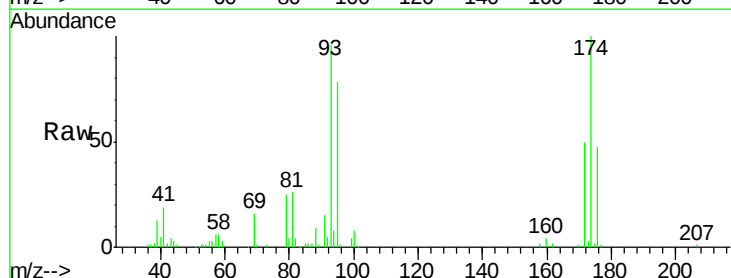
Tgt Ion: 93 Resp: 28049

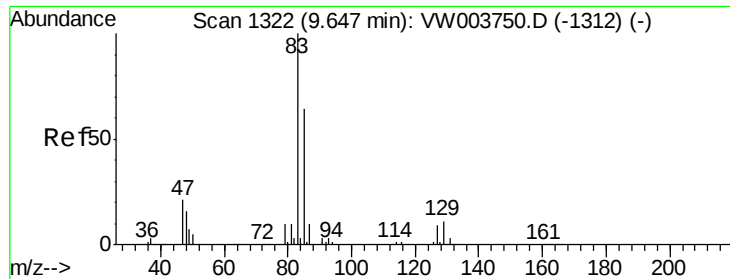
Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

174 99.6 78.1 117.1





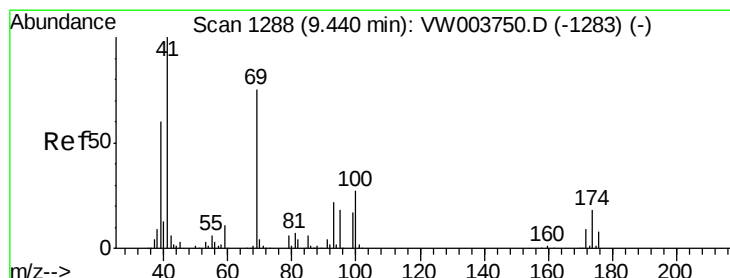
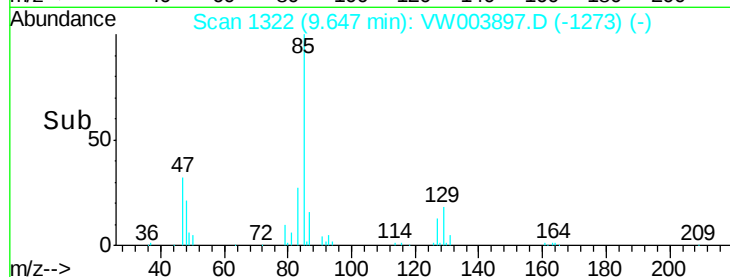
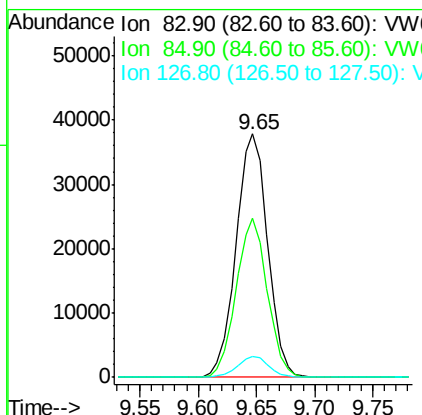
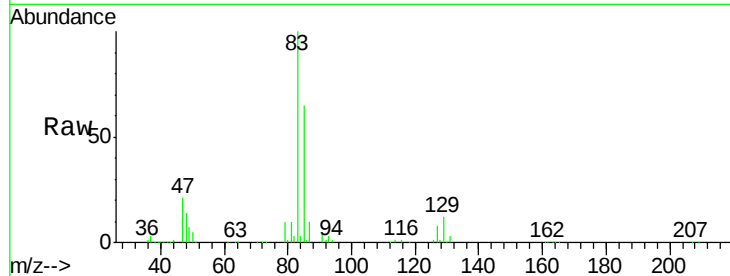
#47
Bromodichloromethane
Concen: 20.102 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	83	Resp	71444
Ion Ratio	100	Lower	Upper
85	65.1	51.4	77.0
127	8.4	6.8	10.2

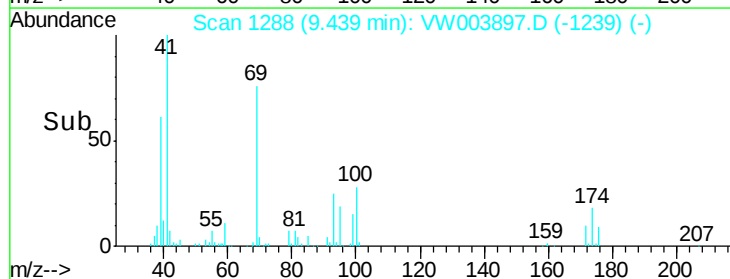
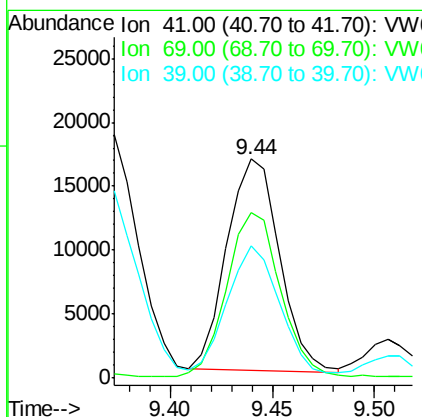
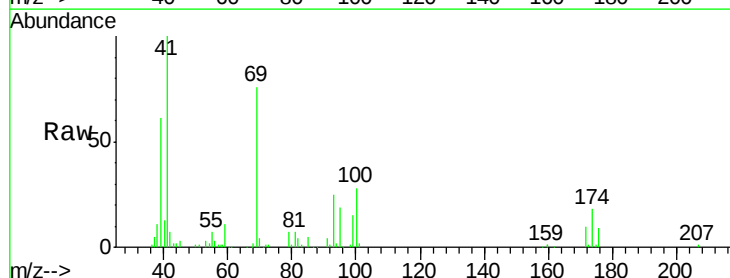
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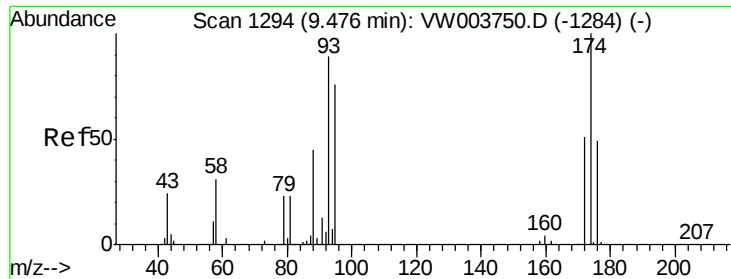
apatel
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#48
Methyl methacrylate
Concen: 18.237 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	41	Resp	29604
Ion Ratio	100	Lower	Upper
69	82.3	63.8	95.8
39	58.4	50.2	75.2





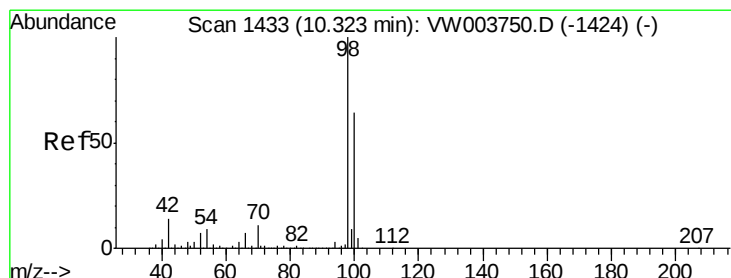
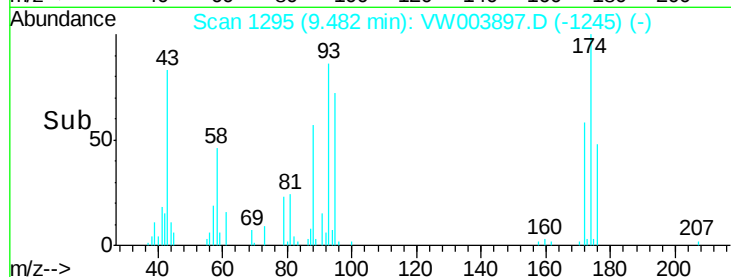
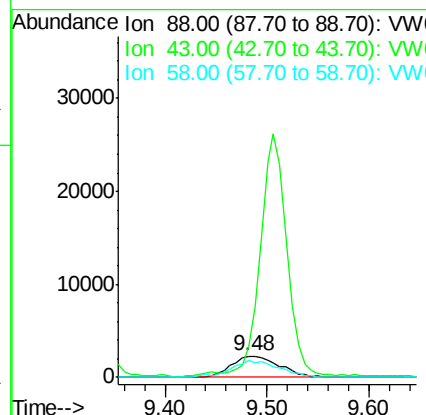
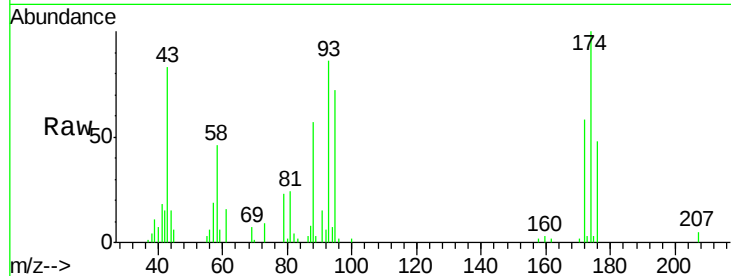
#49
1,4-Dioxane
Concen: 346.944 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	88	Resp	7491
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	79.1	59.7	89.5

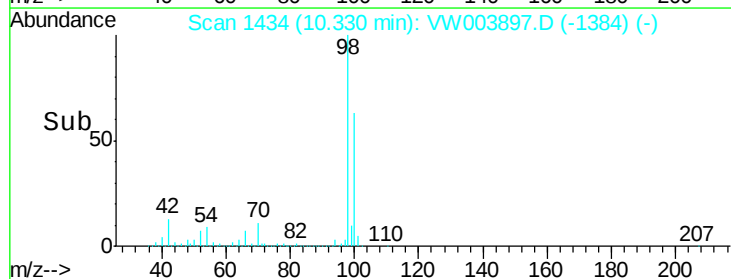
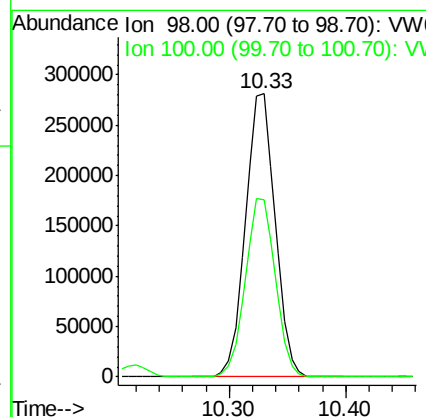
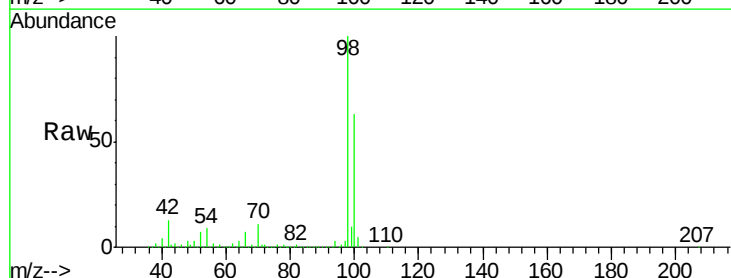
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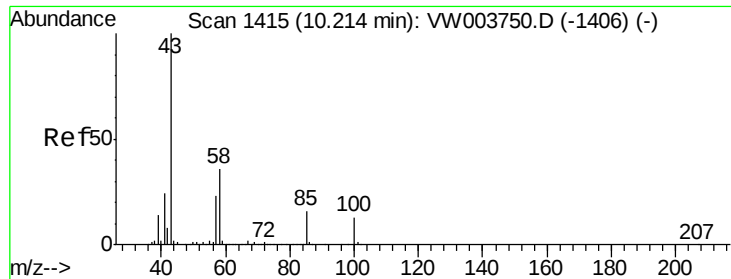
apatel
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#50
Toluene-d8
Concen: 53.820 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	98	Resp	501920
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 91.823 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 43 Resp: 161958

Ion Ratio Lower Upper

43 100

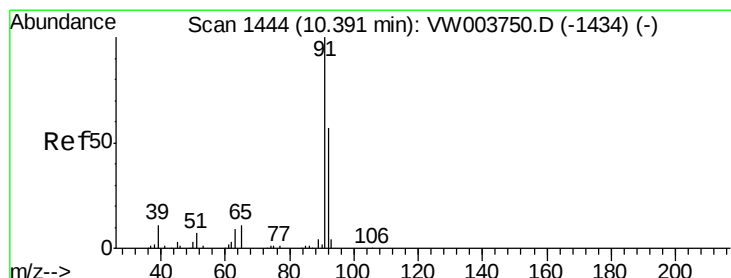
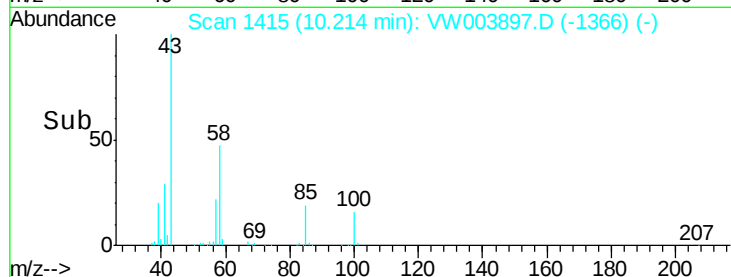
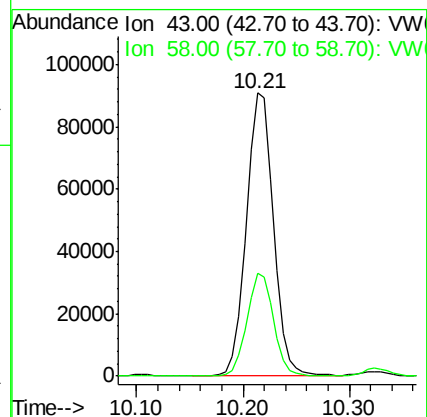
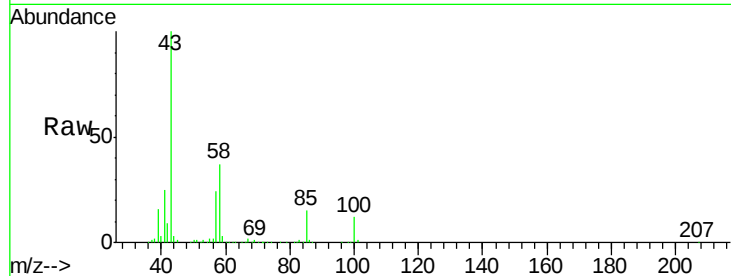
58 35.9 29.3 43.9

Manual Integrations

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#52

Toluene

Concen: 21.815 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003897.D

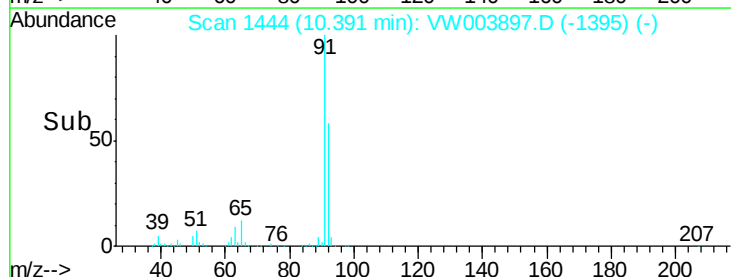
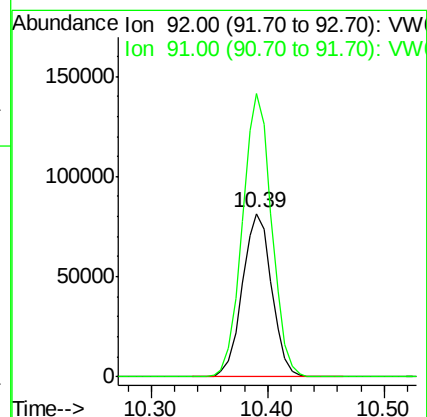
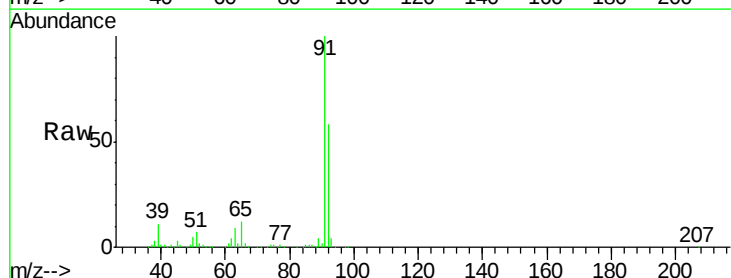
Acq: 12 Jul 2018 15:22

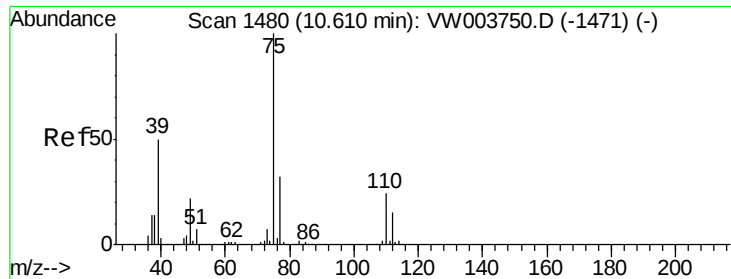
Tgt Ion: 92 Resp: 142940

Ion Ratio Lower Upper

92 100

91 172.3 140.6 211.0





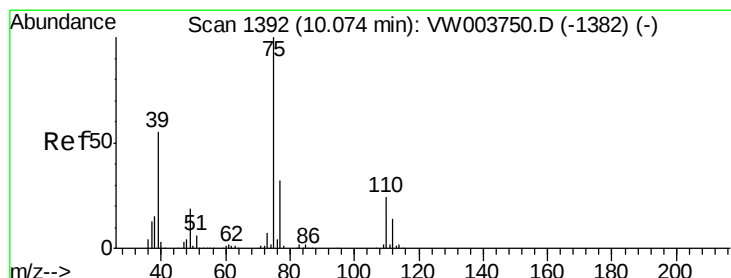
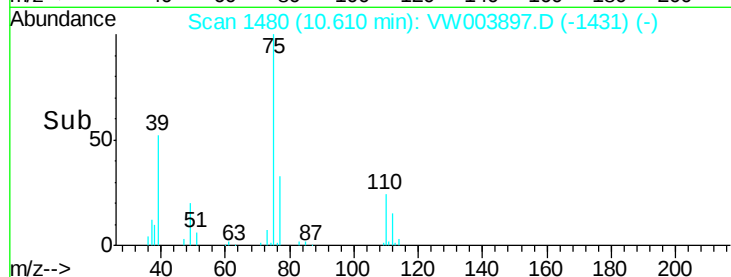
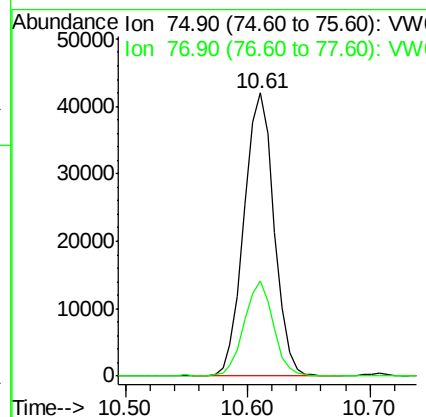
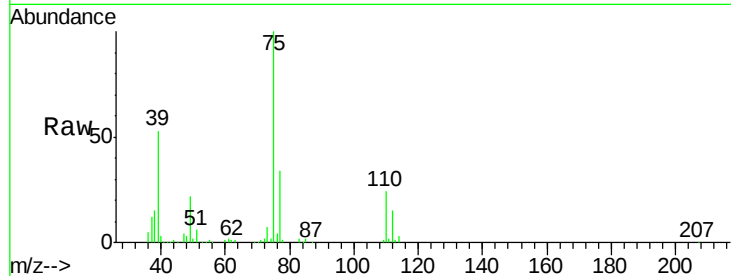
#53
 t-1,3-Dichloropropene
 Concen: 20.181 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Tot Ion: 75 Resp: 71614
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.5 38.3

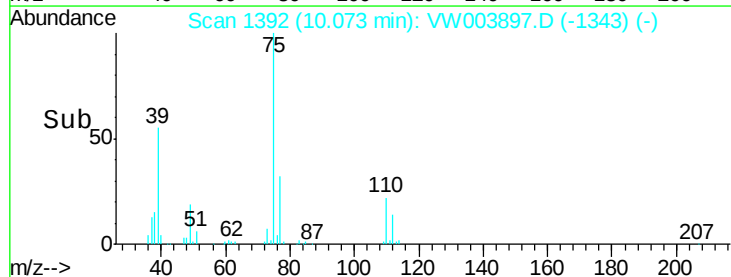
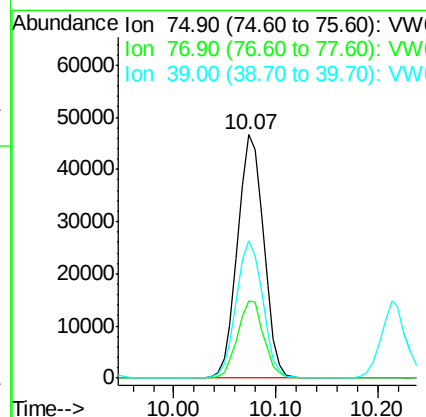
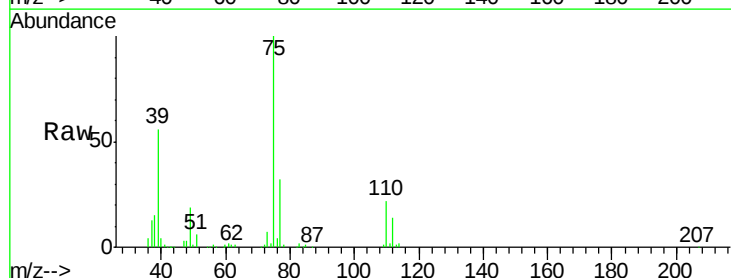
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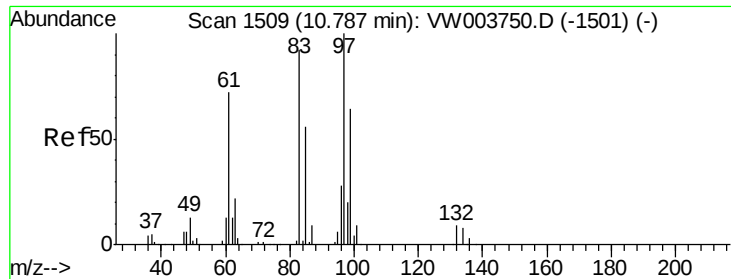
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#54
 cis-1,3-Dichloropropene
 Concen: 20.606 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Tgt Ion: 75 Resp: 82543
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 56.0 43.6 65.4





#55

1,1,2-Trichloroethane

Concen: 19.485 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

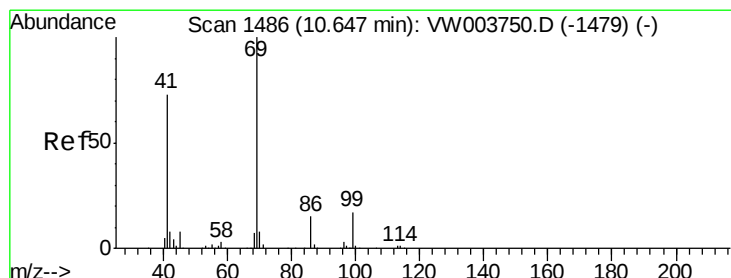
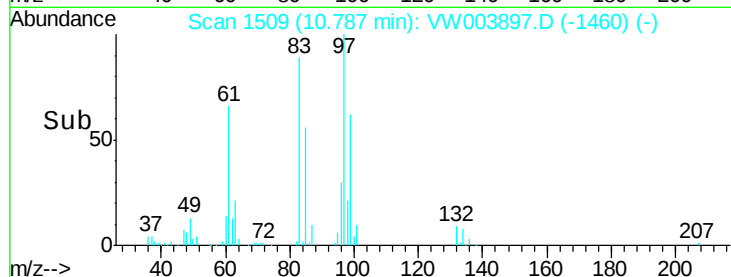
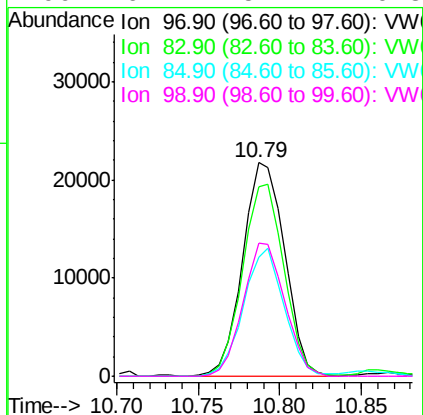
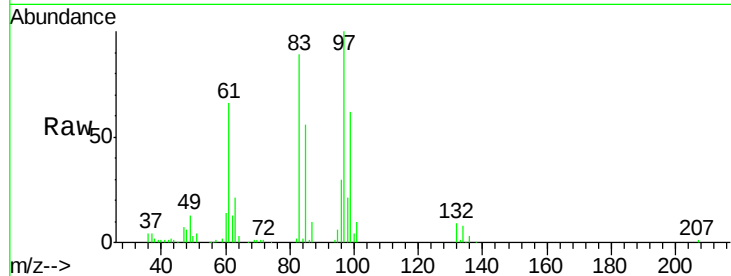
ClientSampleId :

VW0712SBS01

Tot Ion:	97	Resp:	39095
Ion	Ratio	Lower	Upper
97	100		
83	88.8	73.8	110.6
85	55.9	45.0	67.4
99	62.1	51.2	76.8

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#56

Ethyl methacrylate

Concen: 18.711 ug/l

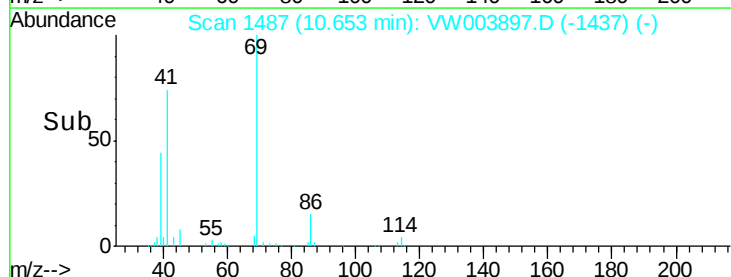
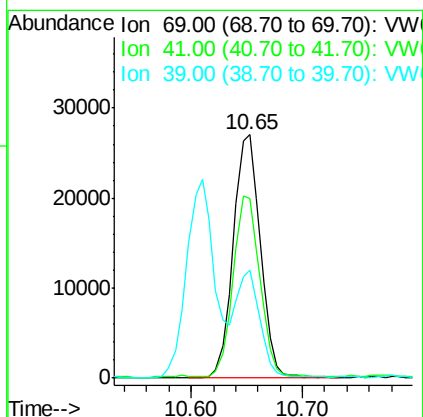
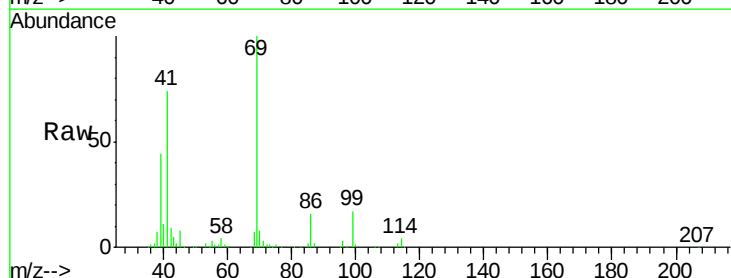
RT: 10.65 min Scan# 1487

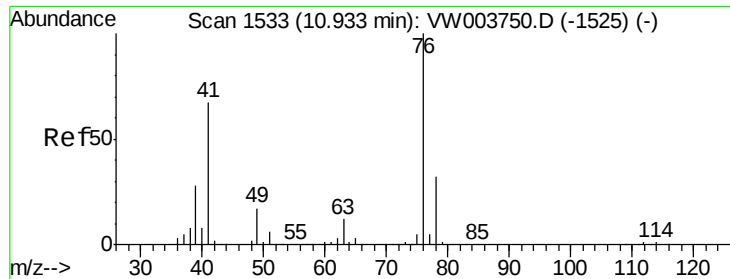
Delta R.T. 0.01 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Tgt Ion:	69	Resp:	45813
Ion	Ratio	Lower	Upper
69	100		
41	73.1	59.0	88.4
39	37.0	32.8	49.2





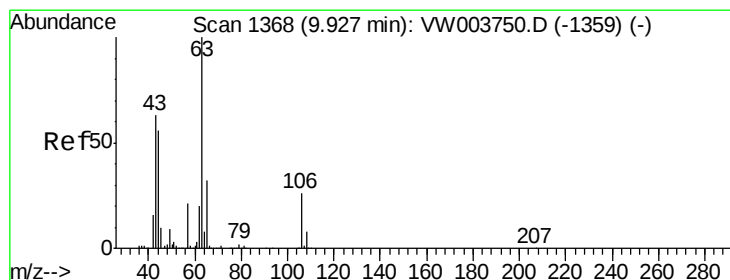
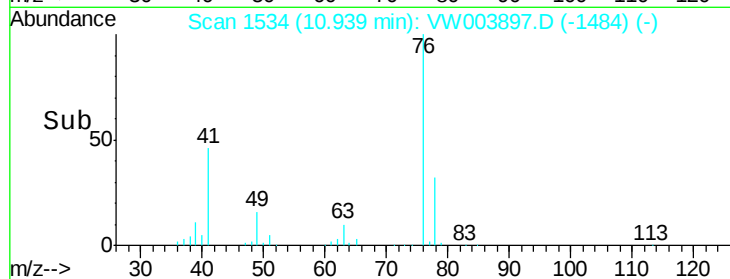
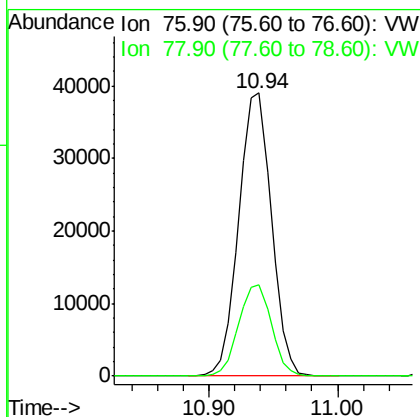
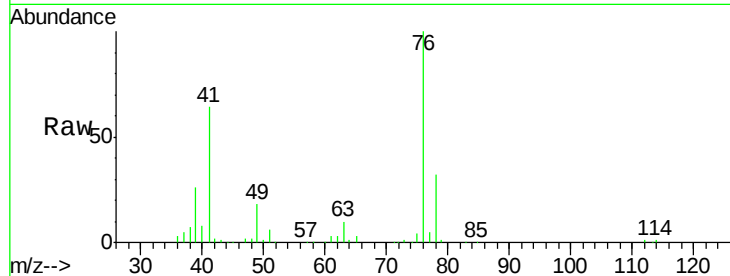
#57
 1,3-Dichloropropane
 Concen: 19.614 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Tot Ion: 76 Resp: 68594
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4

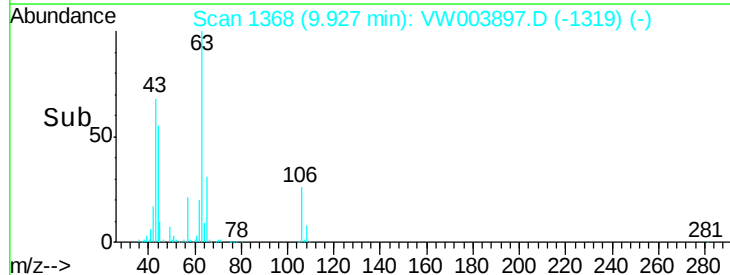
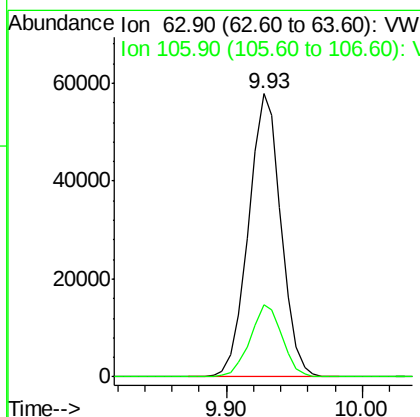
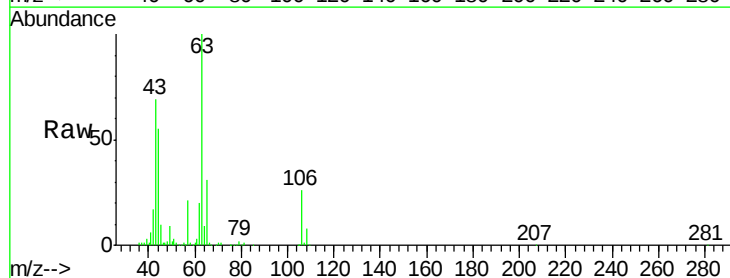
Manual Integrations
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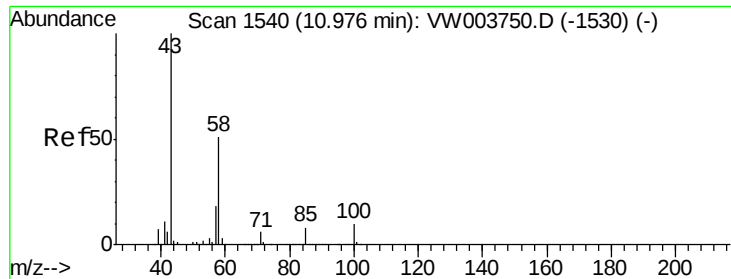
apatel
 7/13/2018 9:31:19 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.286 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Tgt Ion: 63 Resp: 96782
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.9 31.3





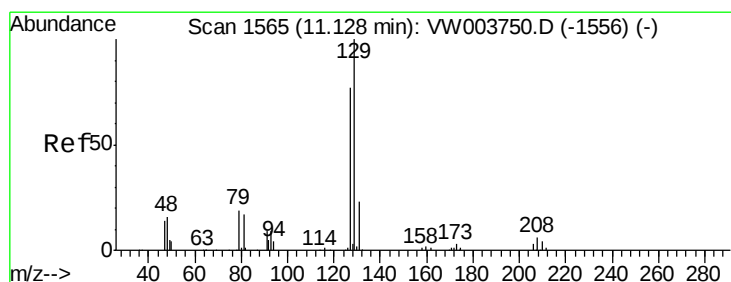
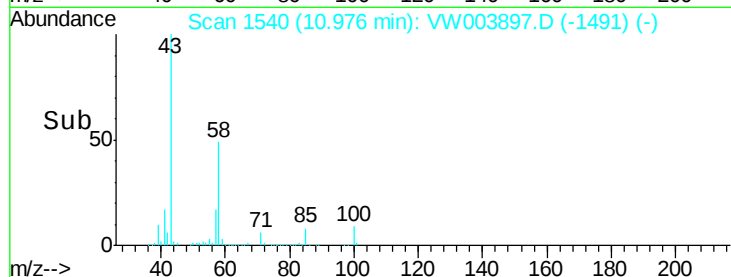
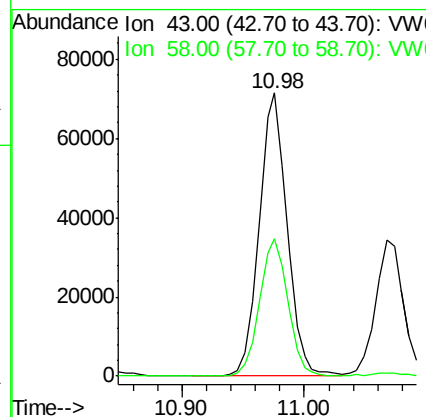
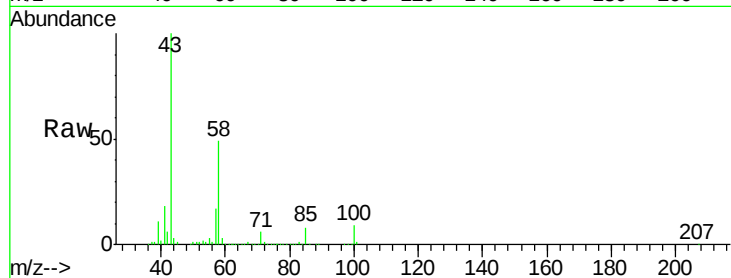
#59
2-Hexanone
Concen: 94.110 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion: 43 Resp: 113985
Ion Ratio Lower Upper
43 100
58 49.4 25.4 76.2

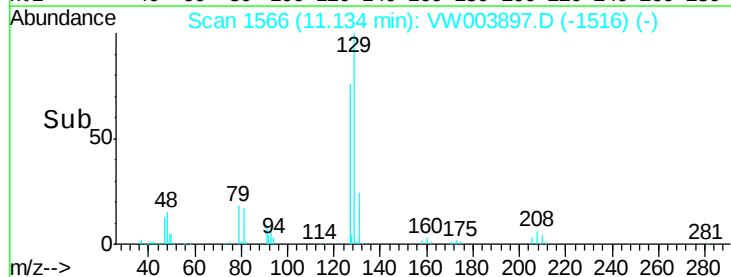
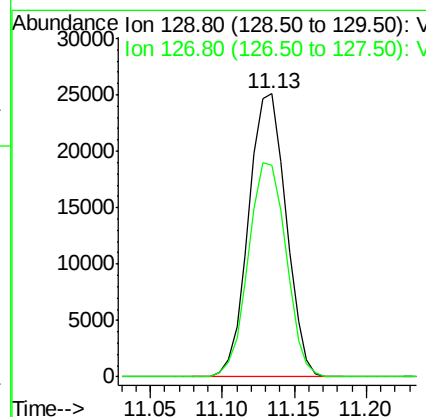
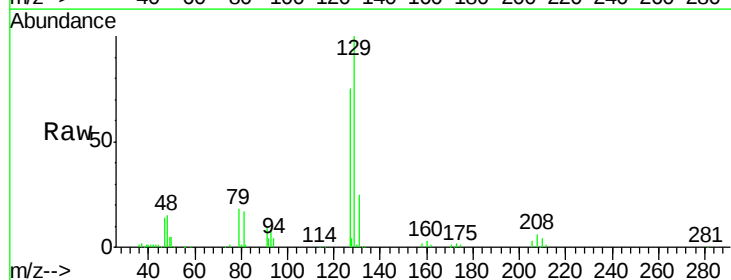
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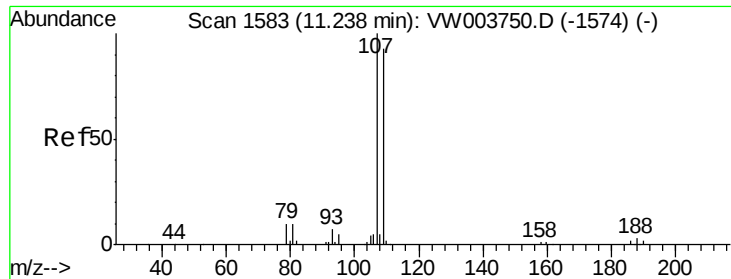
apatel
7/13/2018 9:31:19 AM



#60
Dibromochloromethane
Concen: 19.318 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion: 129 Resp: 45247
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.014 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 107 Resp: 36485

Ion Ratio Lower Upper

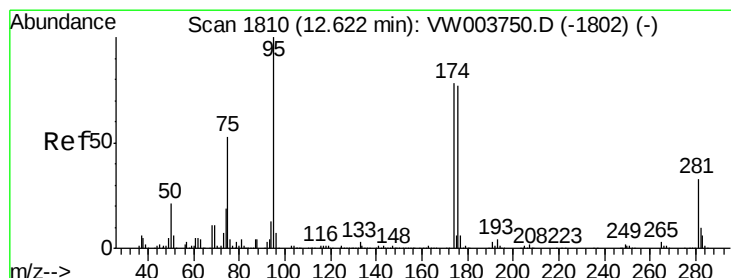
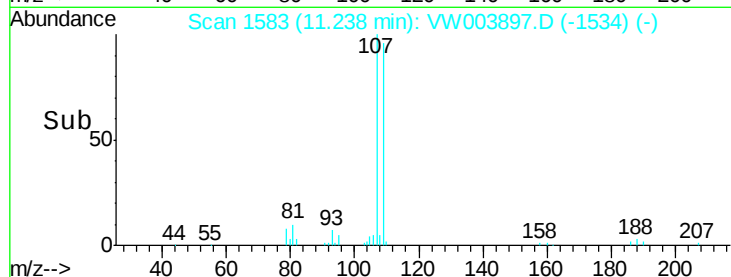
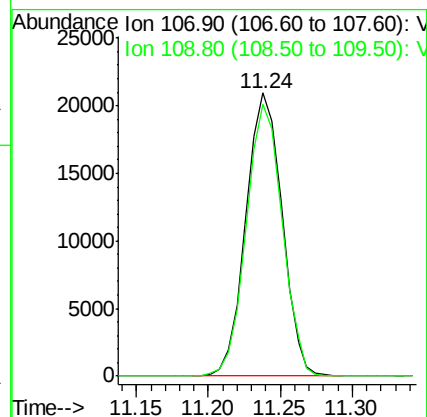
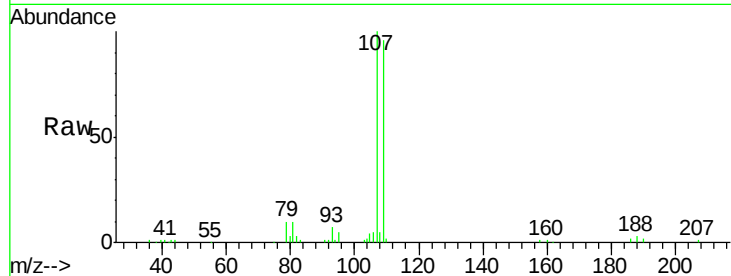
107 100

109 95.6 75.1 112.7

Manual Integrations
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apatel

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#62

4-Bromofluorobenzene

Concen: 52.823 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

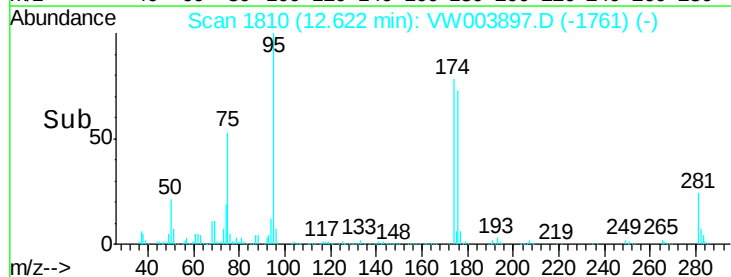
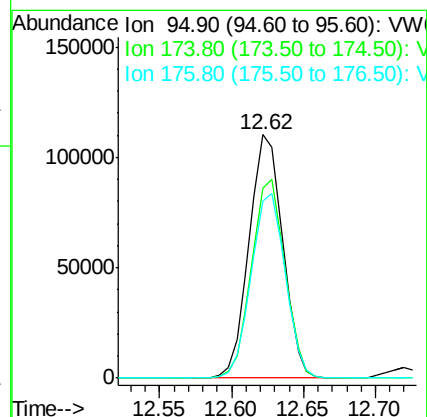
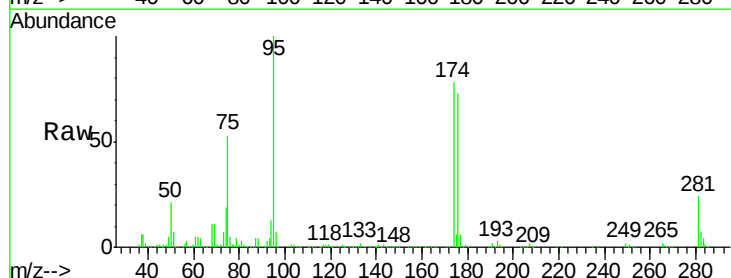
Tgt Ion: 95 Resp: 178240

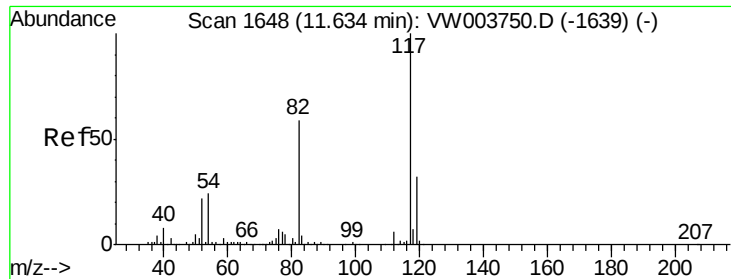
Ion Ratio Lower Upper

95 100

174 80.8 0.0 163.4

176 76.8 0.0 156.8





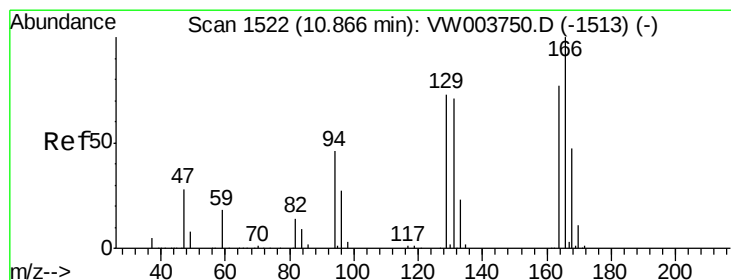
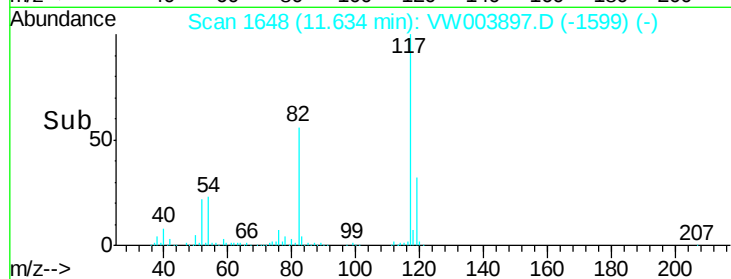
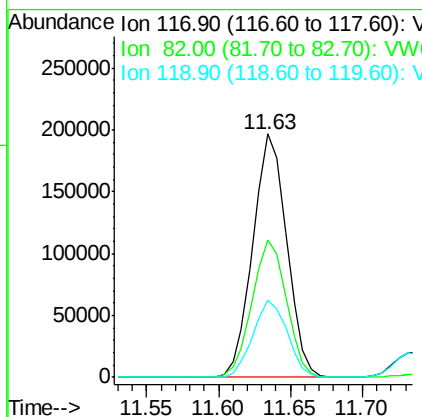
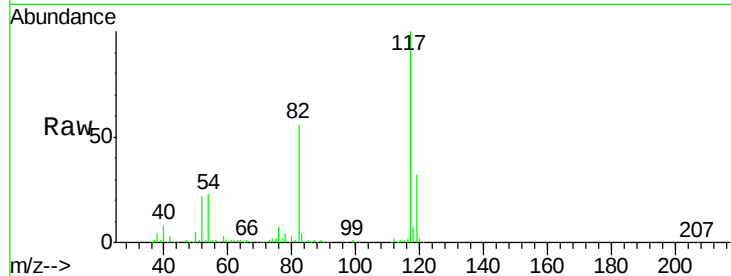
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	319618		
82	56.2	46.9	70.3	
119	31.6	25.5	38.3	

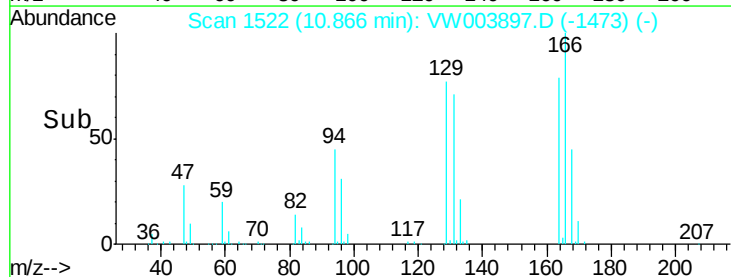
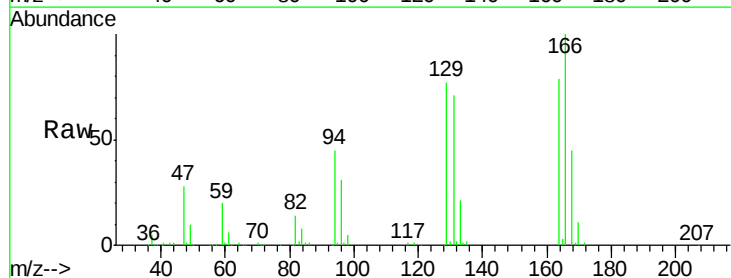
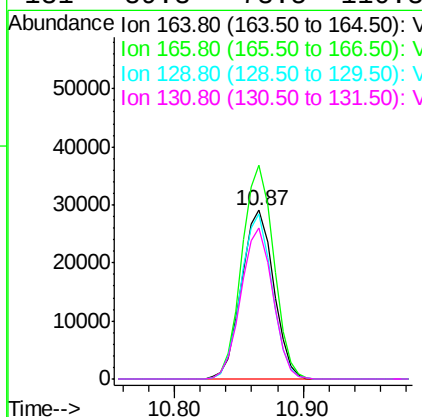
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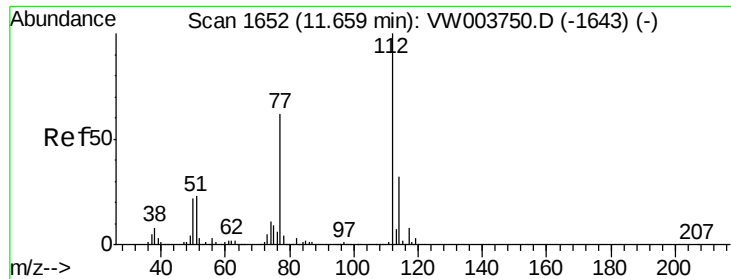
apatel
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#64
Tetrachloroethene
Concen: 21.241 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50219		
166	126.6	104.2	156.4	
129	97.9	75.8	113.8	
131	89.3	73.5	110.3	





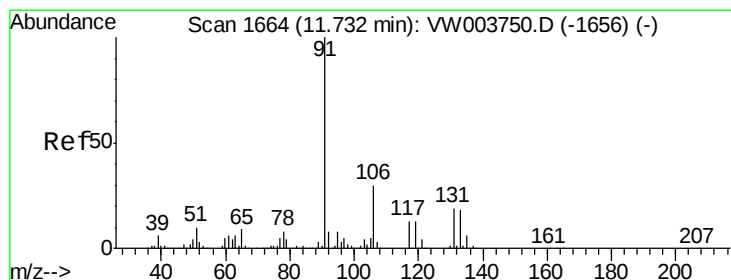
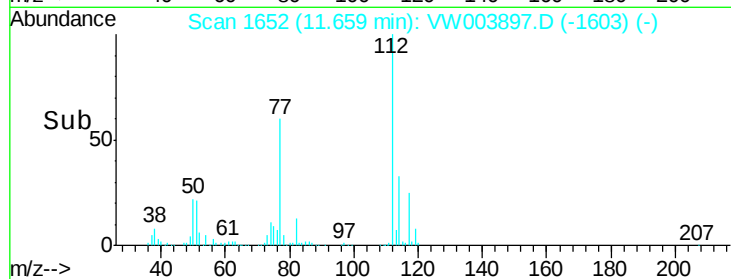
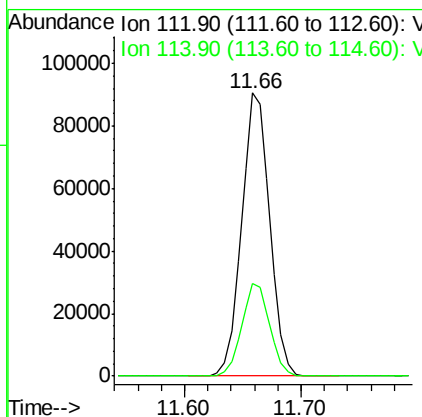
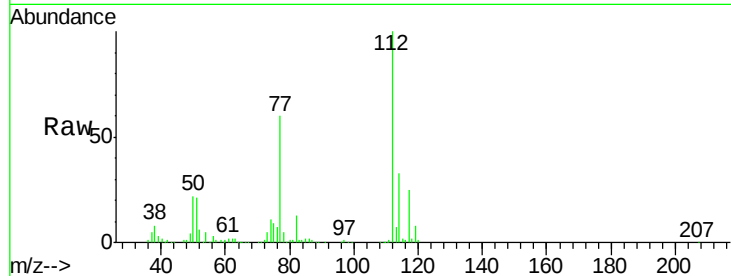
#65
Chlorobenzene
Concen: 21.516 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.0	39.0

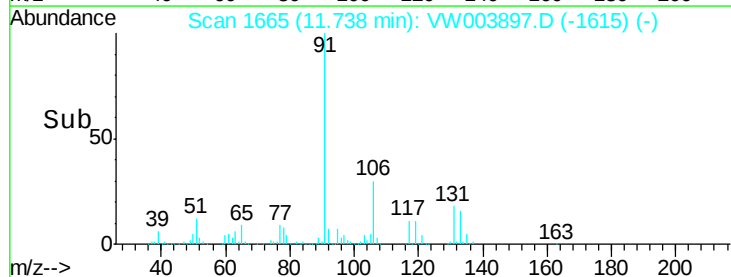
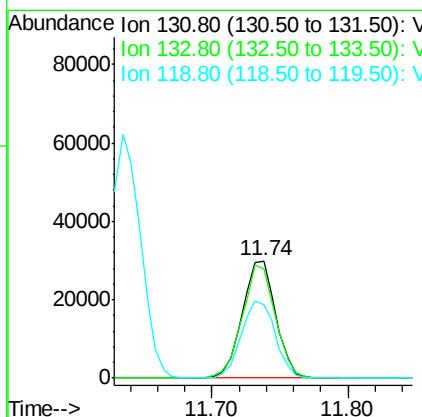
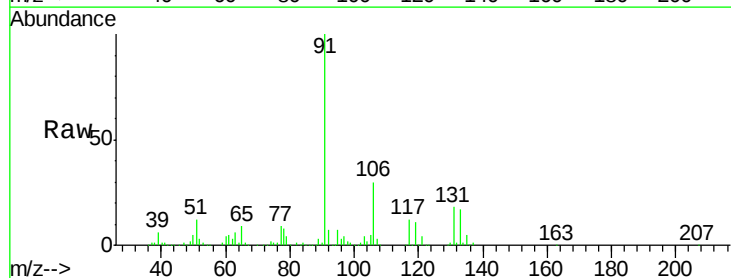
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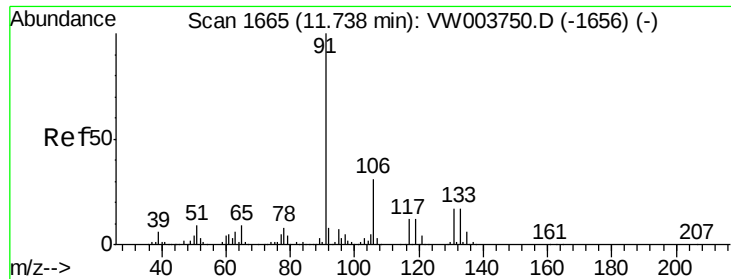
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.872 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.0	144.2
119	66.6	33.2	99.6





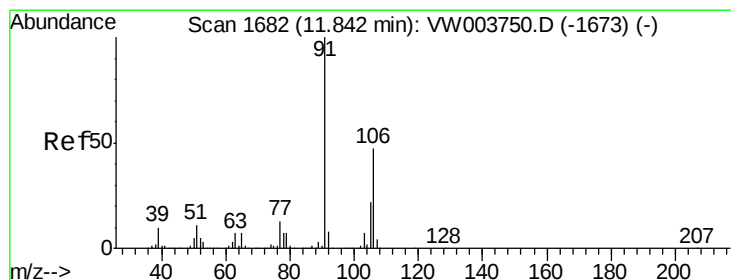
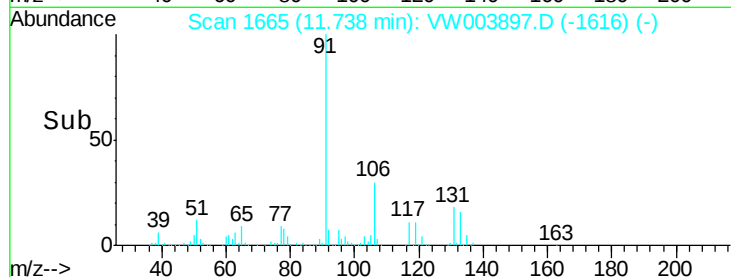
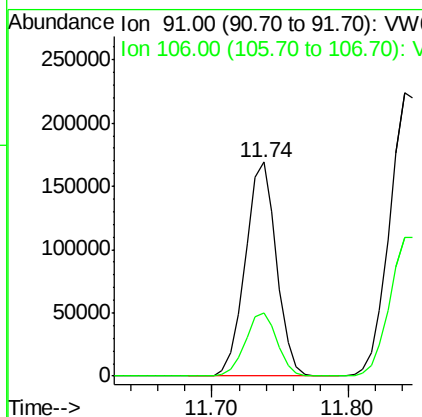
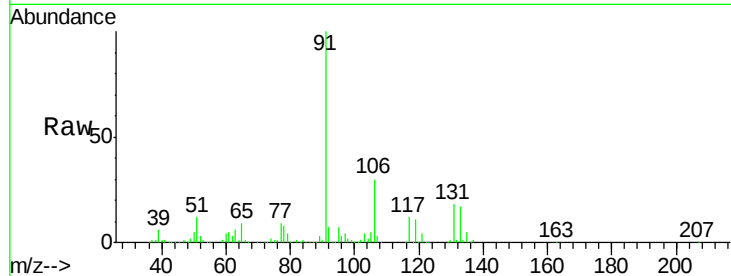
#67
Ethyl Benzene
Concen: 22.406 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.6	37.0

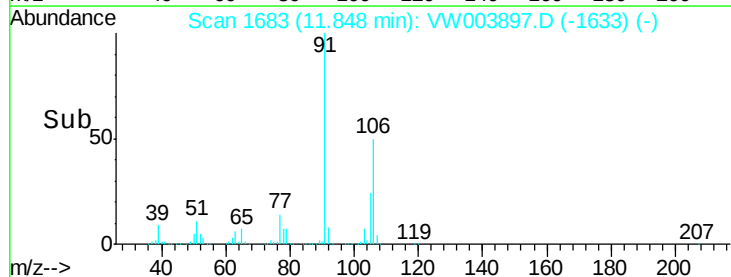
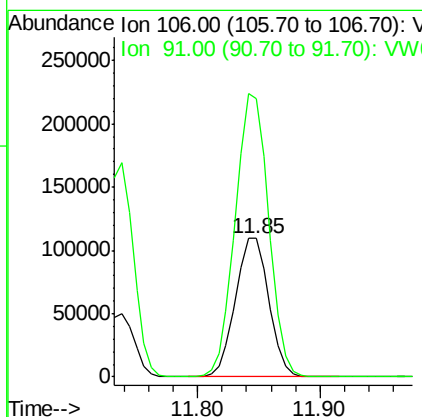
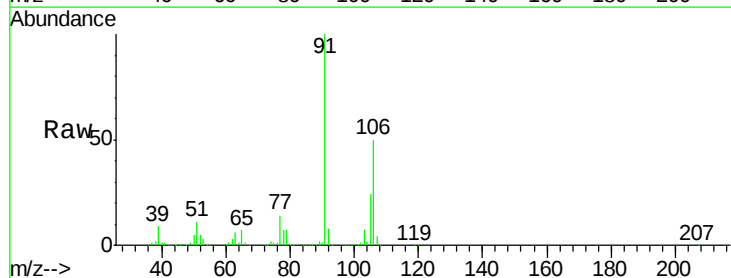
Manual Integrations
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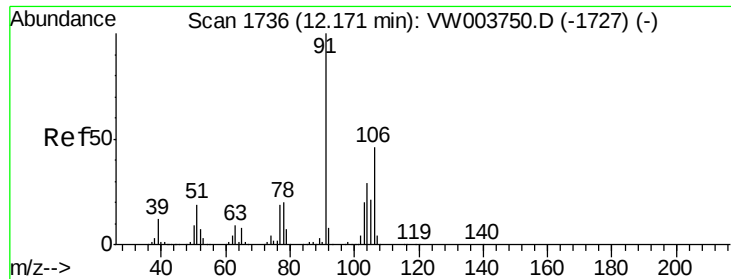
apatel
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#68
m/p-Xylenes
Concen: 44.938 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.3	164.3	246.5





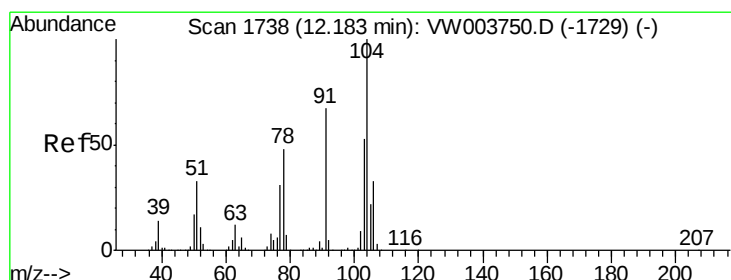
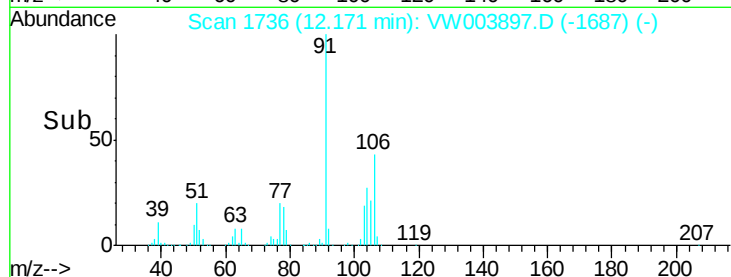
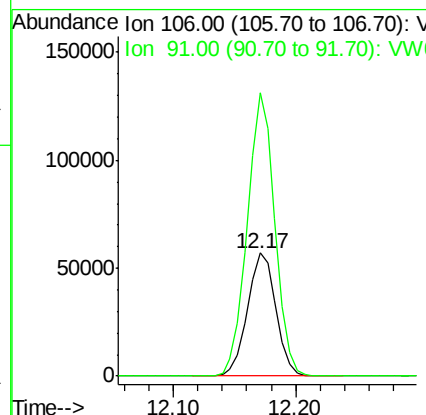
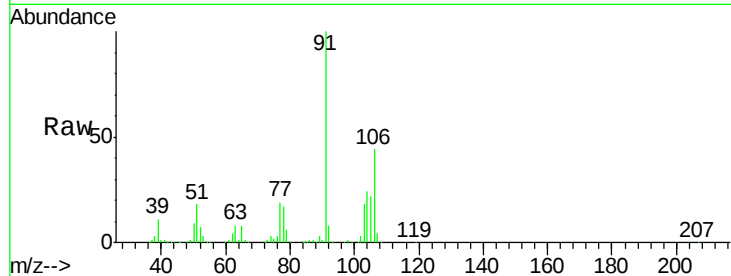
#69
o-Xylene
Concen: 21.487 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampled :
VW0712SBS01

Tot Ion:106 Resp: 91471
Ion Ratio Lower Upper
106 100
91 223.7 109.1 327.2

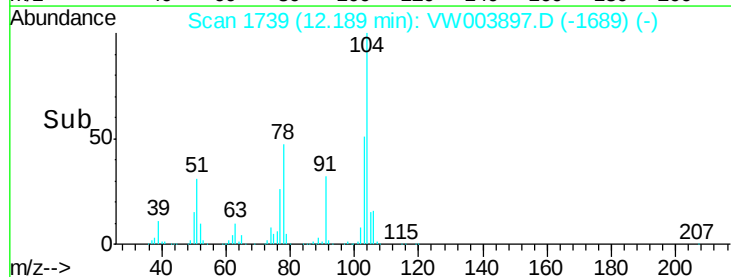
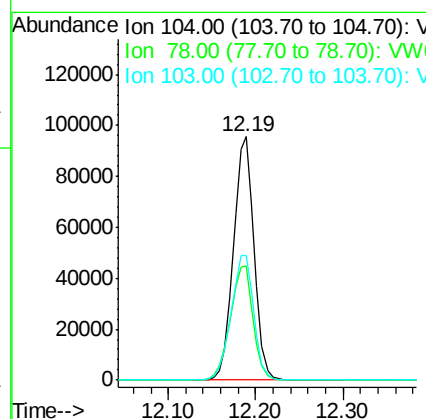
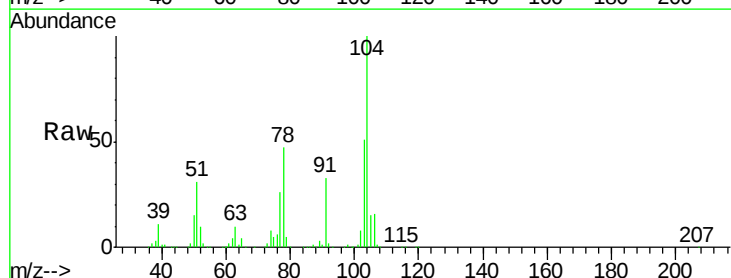
Manual Integrations
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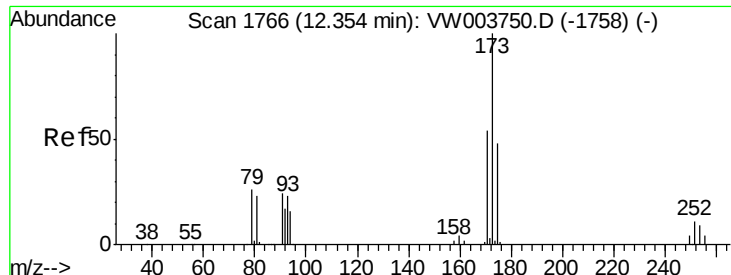
apatel
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#70
Styrene
Concen: 21.641 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion:104 Resp: 156662
Ion Ratio Lower Upper
104 100
78 51.8 41.1 61.7
103 56.1 44.6 67.0





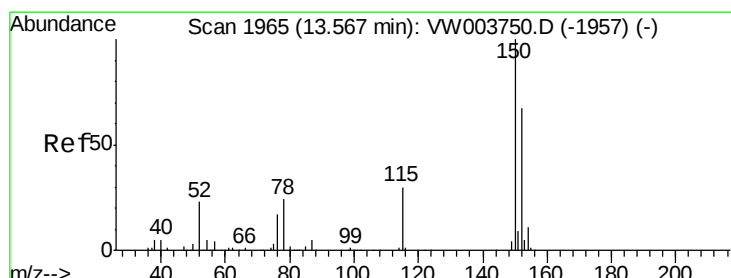
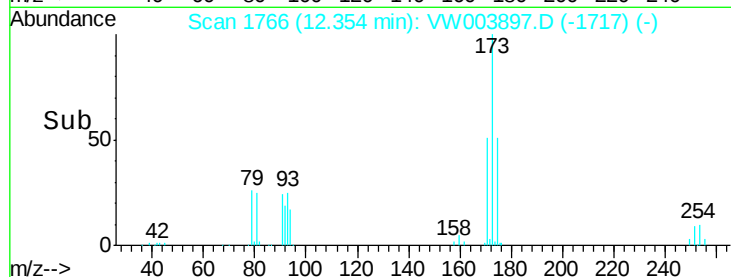
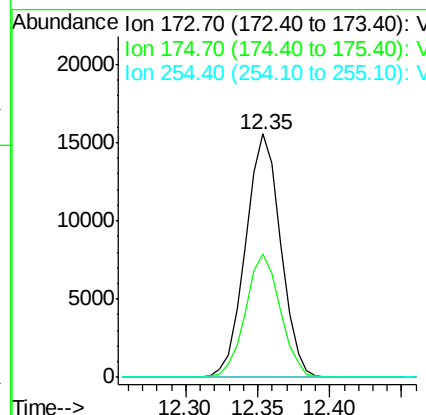
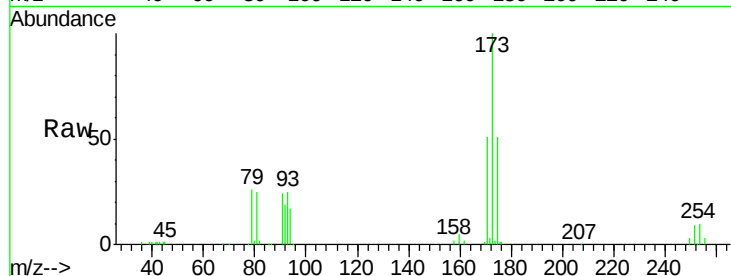
#71
Bromoform
Concen: 19.278 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.1	72.4
254	0.0	0.0	0.0

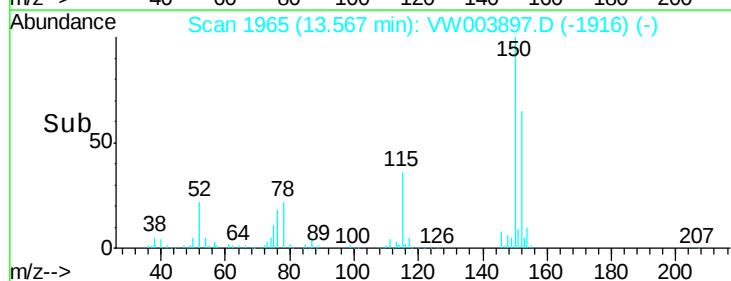
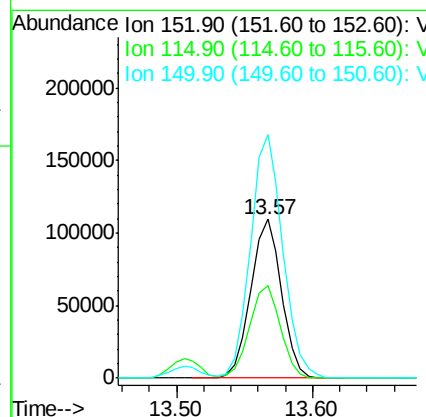
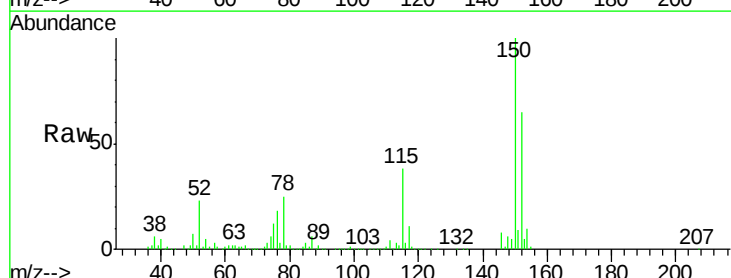
Manual Integrations
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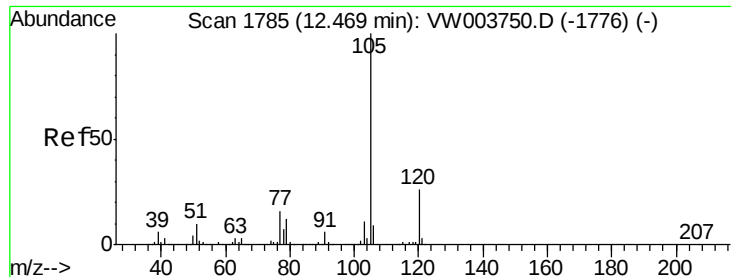
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.8
150	161.2	0.0	342.4





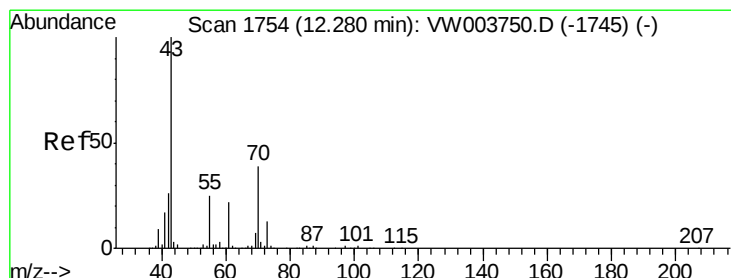
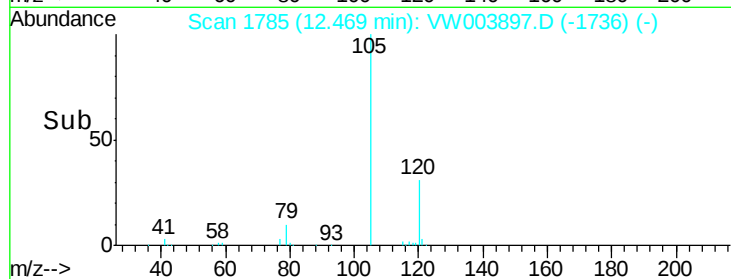
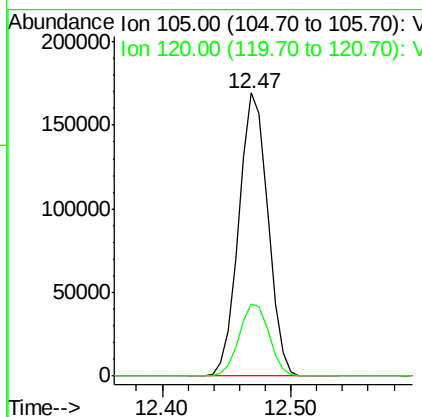
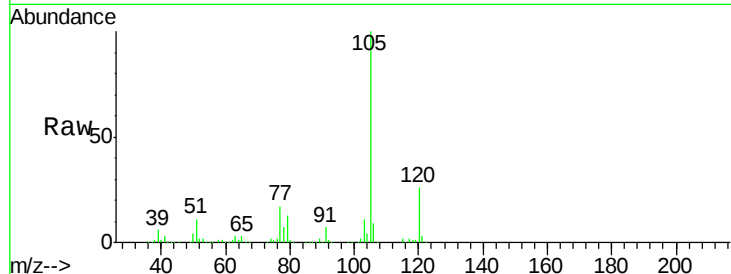
#73
Isopropylbenzene
Concen: 22.571 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.1	39.3

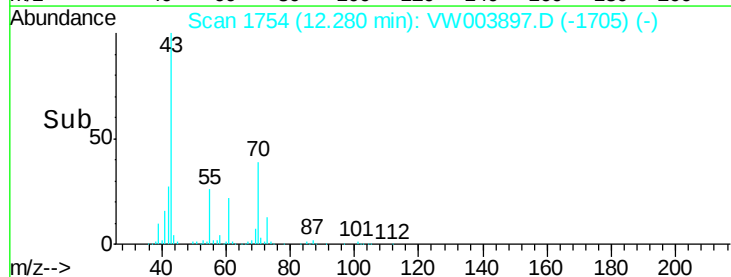
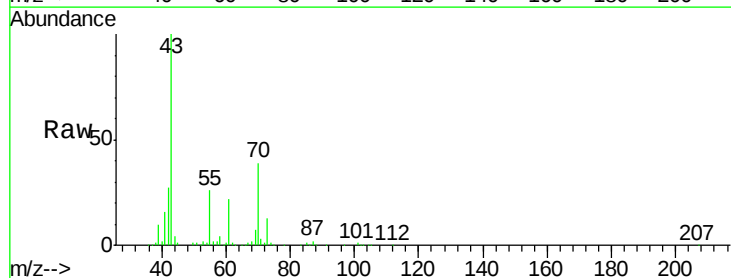
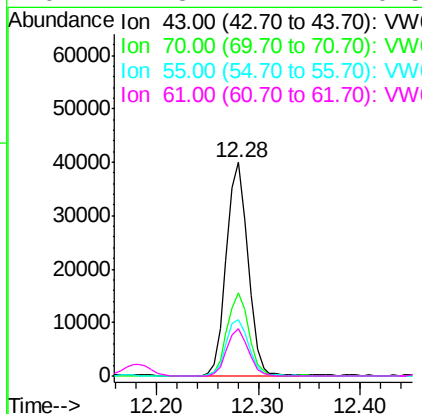
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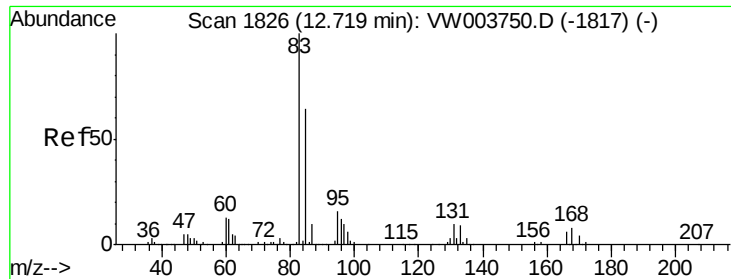
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#74
N-ethyl acetate
Concen: 18.652 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.7	31.3	46.9
55	27.5	20.1	30.1
61	21.8	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.393 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

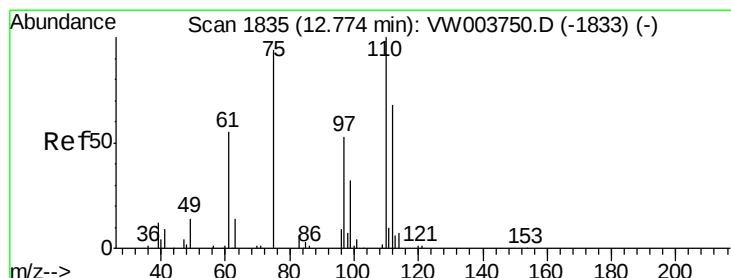
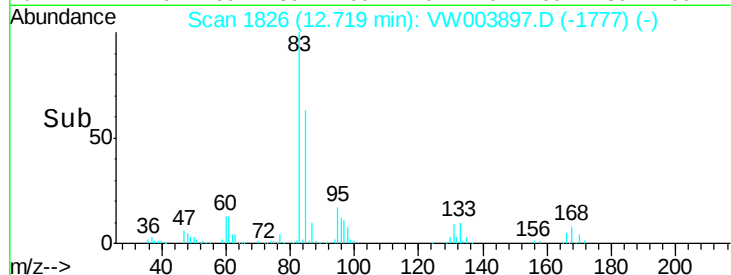
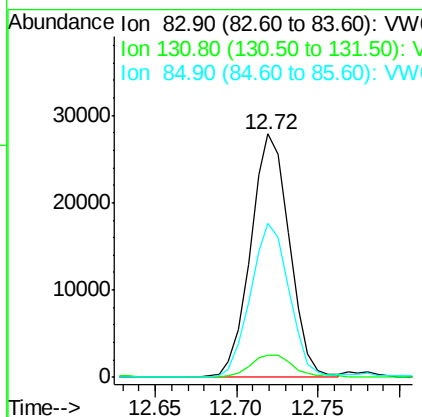
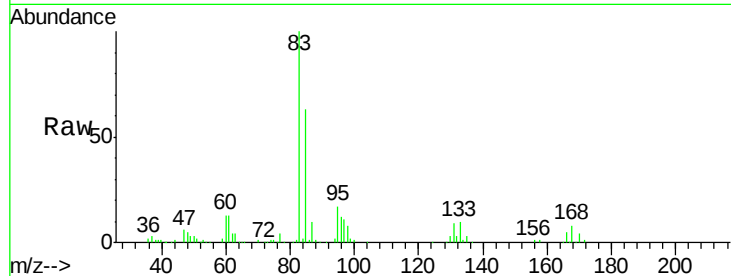
ClientSampleId :

VW0712SBS01

Tot Ion:	83	Resp:	46144
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	63.1	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.085 ug/l m

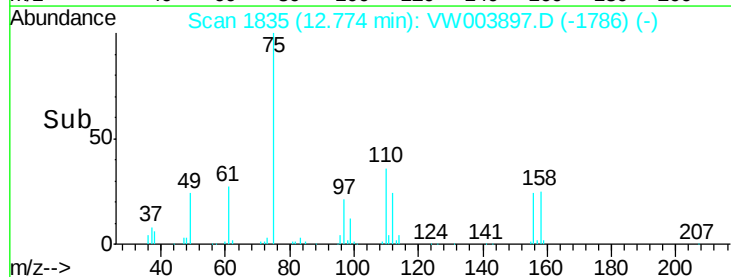
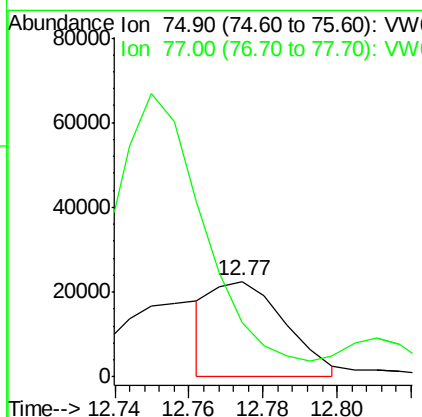
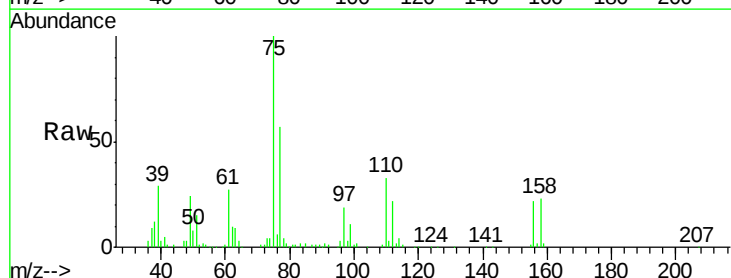
RT: 12.77 min Scan# 1835

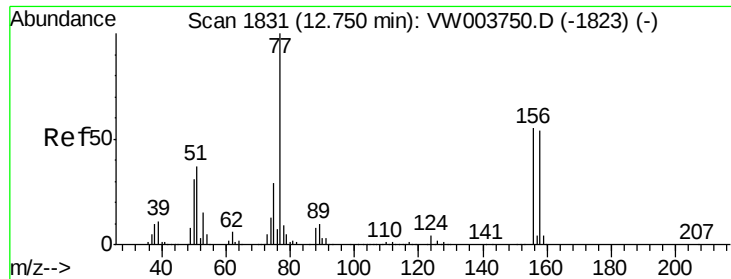
Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Tgt Ion:	75	Resp:	30780
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.745 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

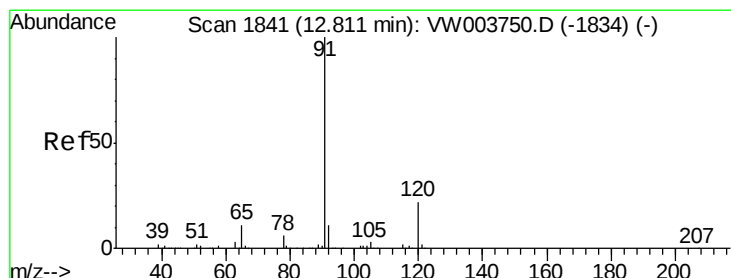
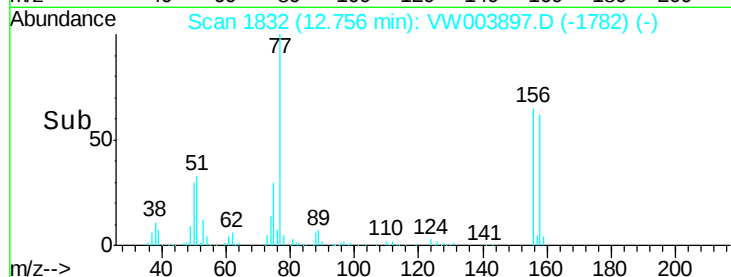
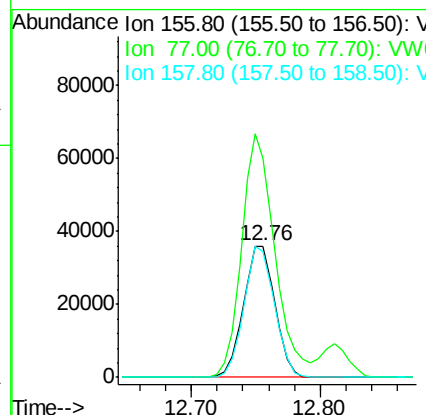
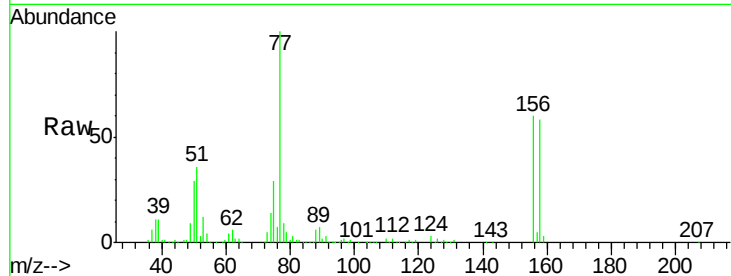
VW0712SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	196.2	98.7	296.0	
158	96.7	49.0	147.0	

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#78

n-propylbenzene

Concen: 22.878 ug/l

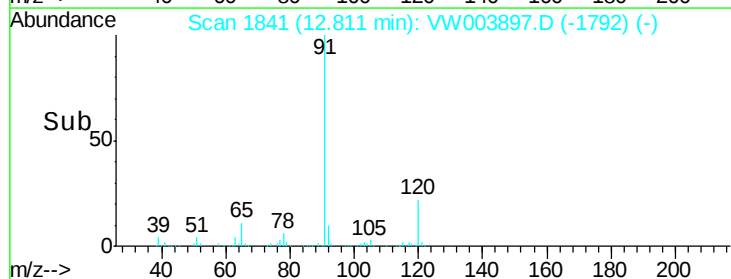
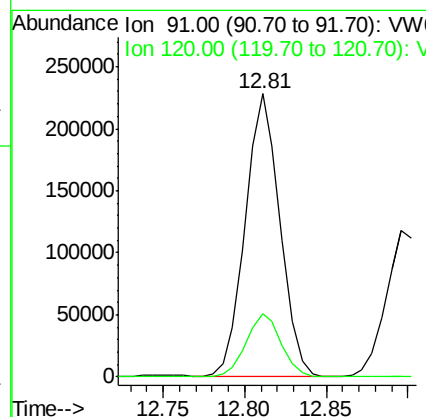
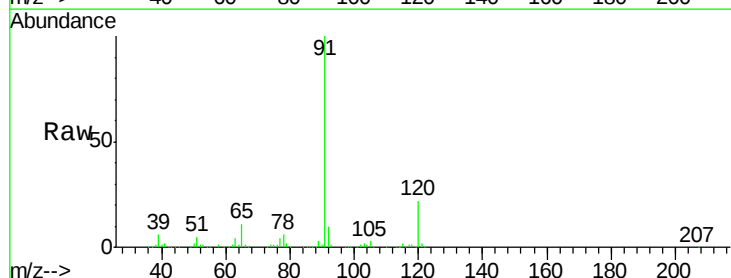
RT: 12.81 min Scan# 1841

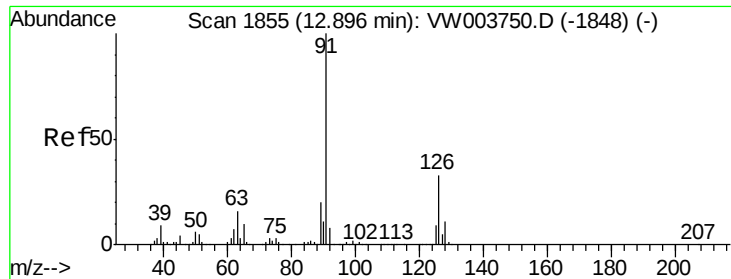
Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.4	11.2	33.6	





#79

2-Chlorotoluene

Concen: 22.392 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003897.D

Acq: 12 Jul 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 91 Resp: 189544

Ion Ratio Lower Upper

91 100

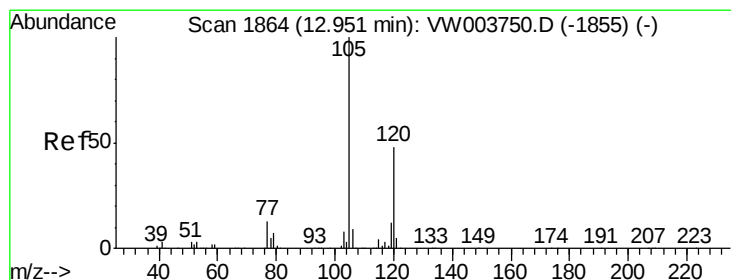
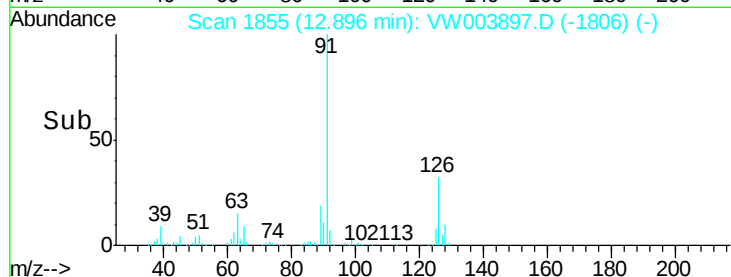
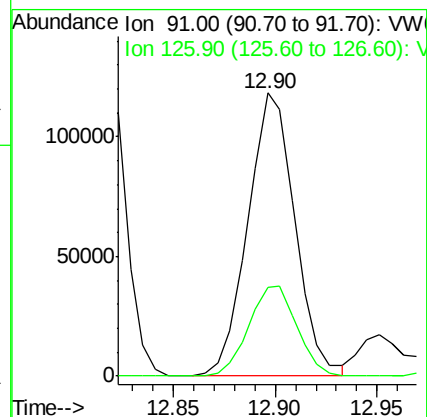
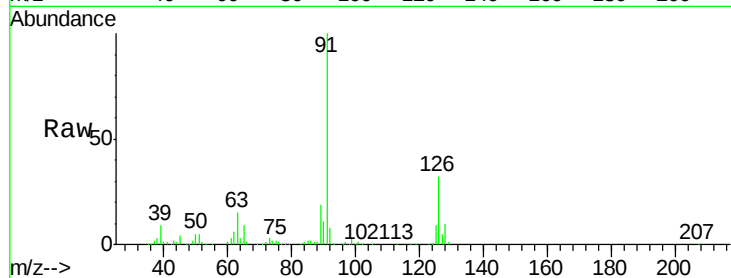
126 32.8 17.0 51.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 22.545 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003897.D

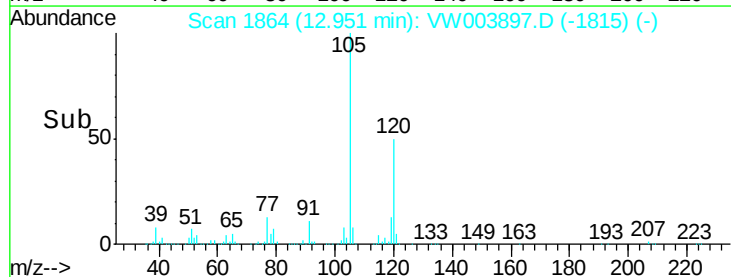
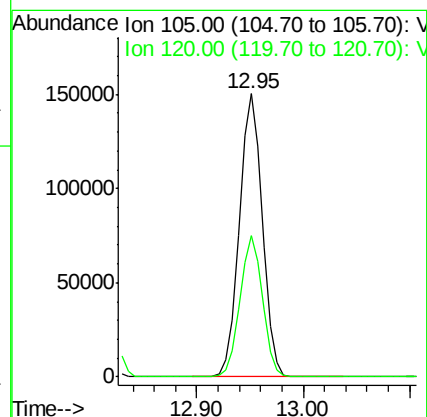
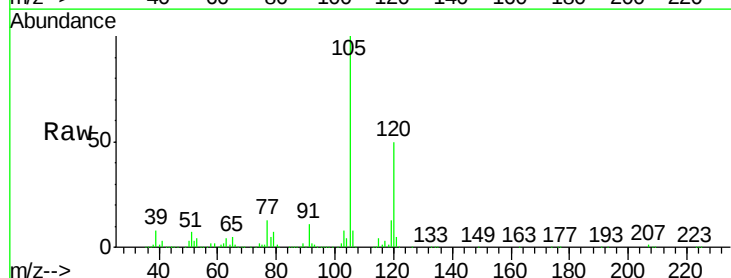
Acq: 12 Jul 2018 15:22

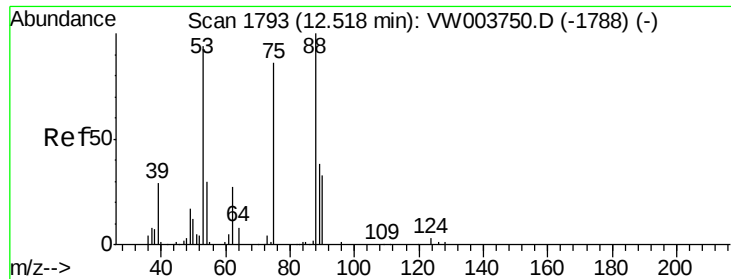
Tgt Ion:105 Resp: 228068

Ion Ratio Lower Upper

105 100

120 49.1 24.2 72.6





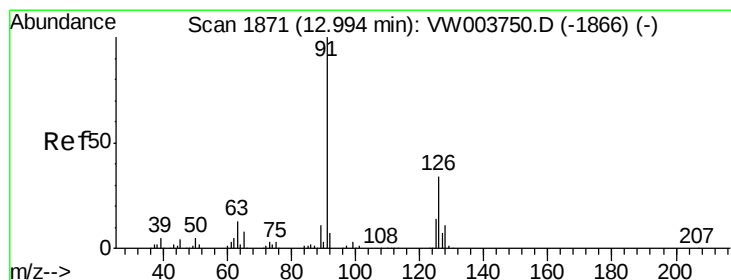
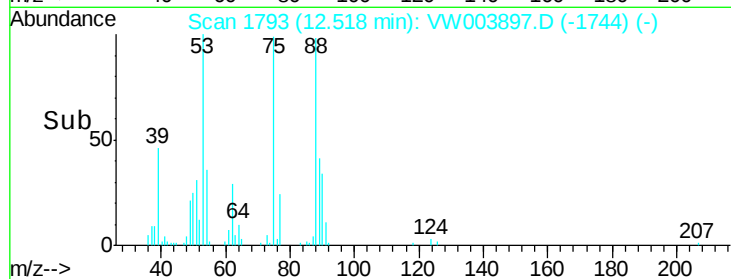
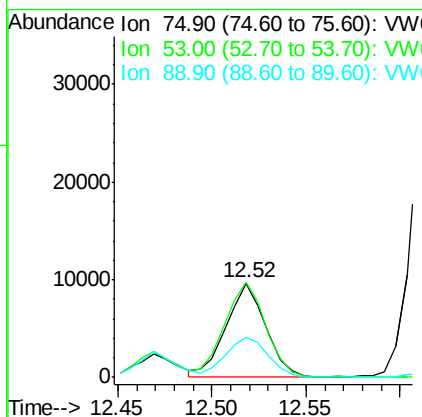
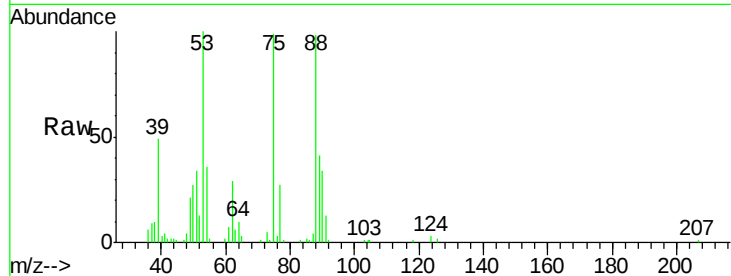
#81
trans-1,4-Dichloro-2-butene
Concen: 20.341 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.3	85.0	127.6
89	44.8	36.3	54.5

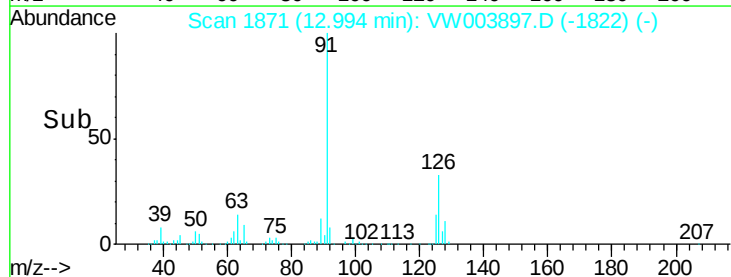
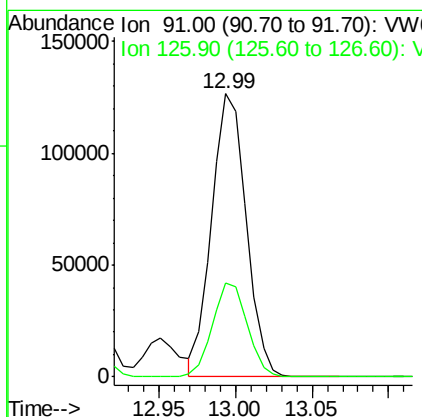
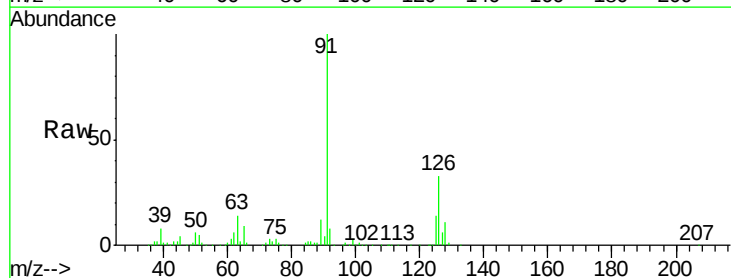
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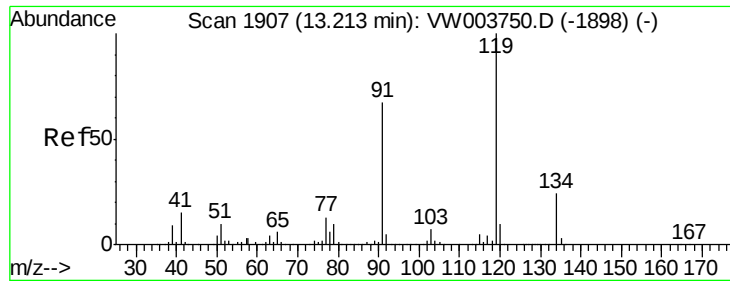
apatel
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#82
4-Chlorotoluene
Concen: 21.843 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.5	49.5





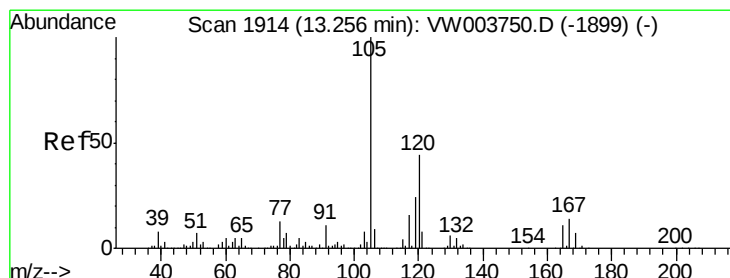
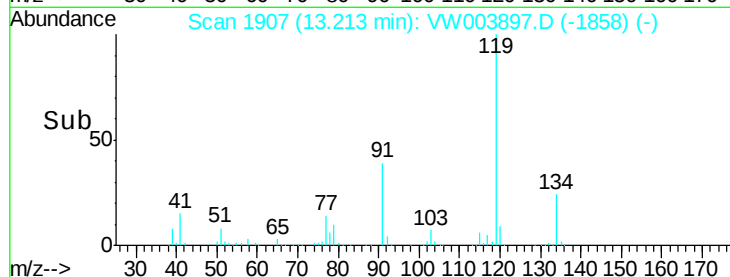
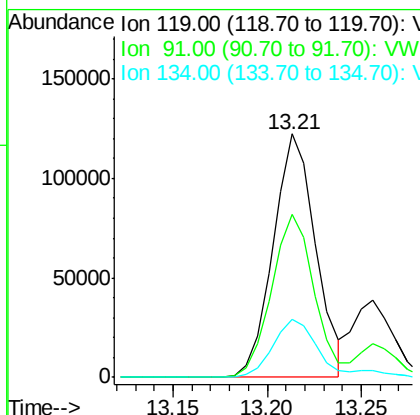
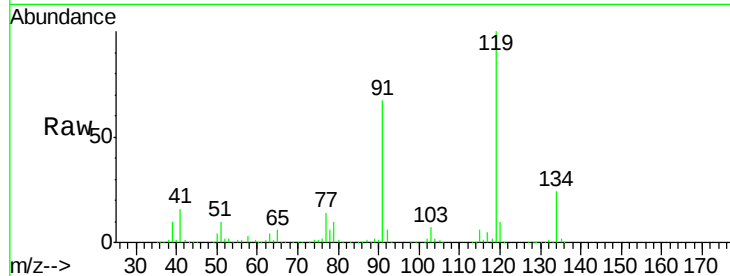
#83
tert-Butylbenzene
Concen: 22.906 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		191104		
91	67.6	33.0	98.9		
134	24.3	12.8	38.4		

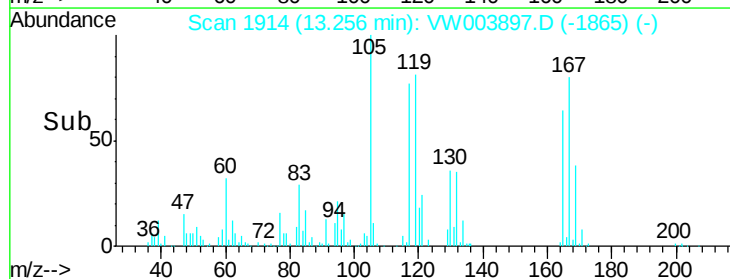
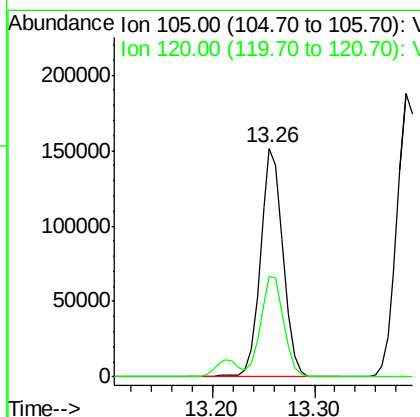
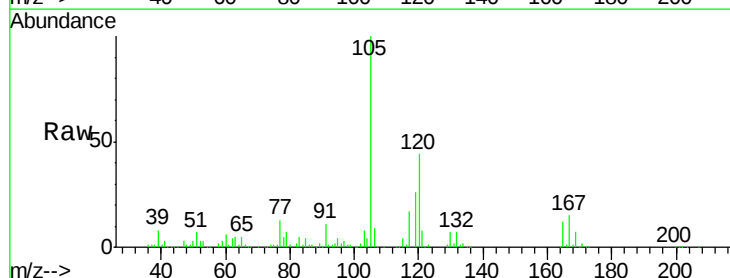
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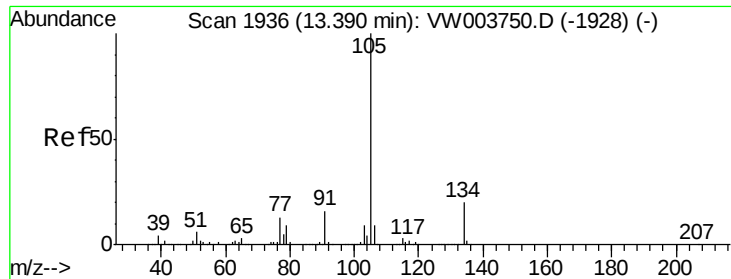
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 22.223 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		233553		
120	44.8	22.0	66.0		





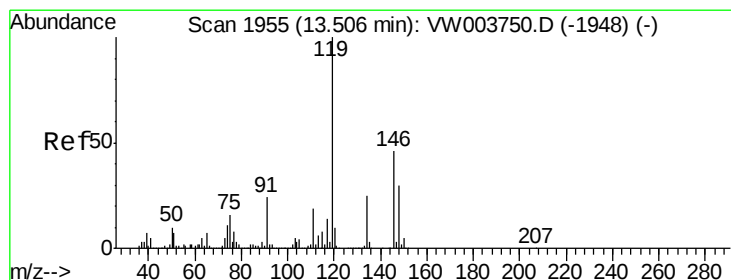
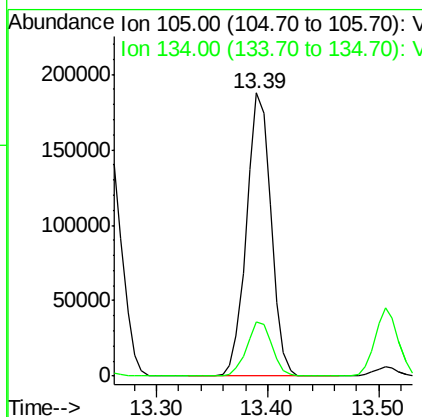
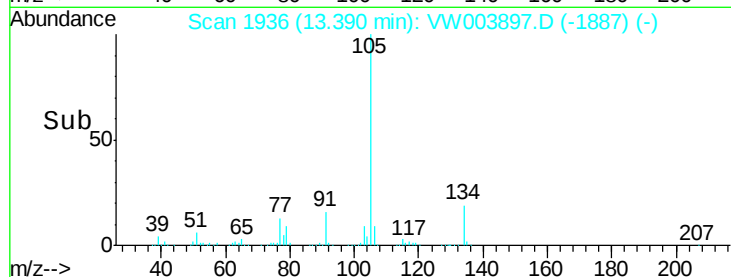
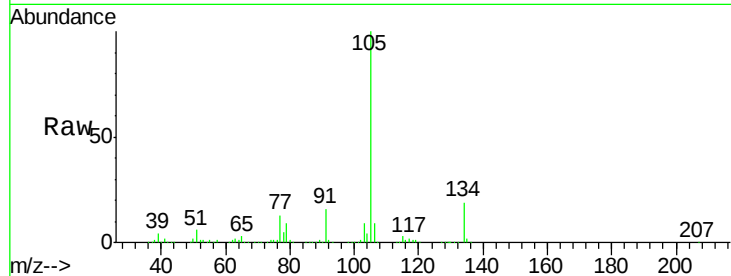
#85
 sec-Butylbenzene
 Concen: 23.017 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	287272		
134	19.6	9.8	29.4	

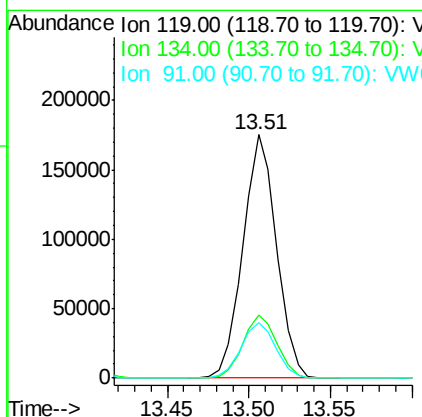
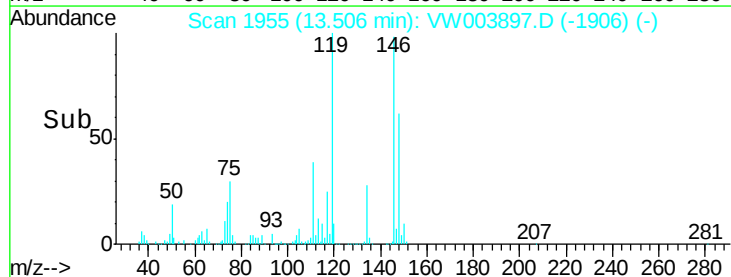
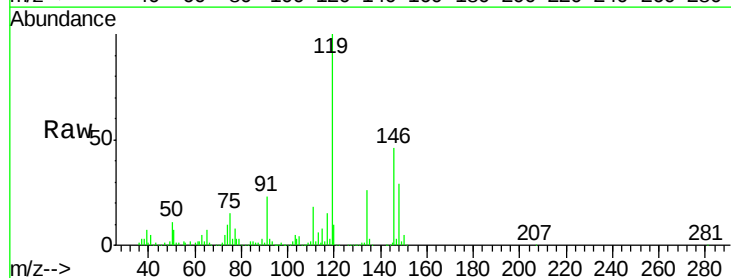
Manual Integrations
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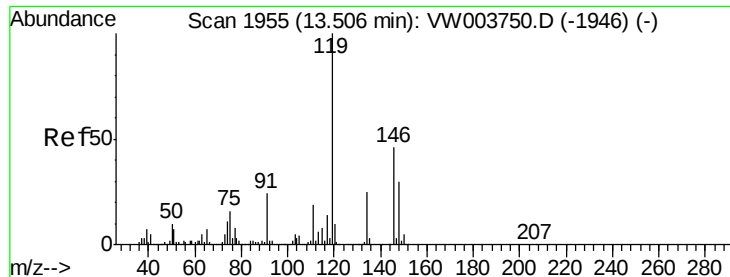
apatel
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#86
 p-Isopropyltoluene
 Concen: 23.053 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	251410		
134	26.2	13.1	39.1	
91	23.3	11.9	35.9	





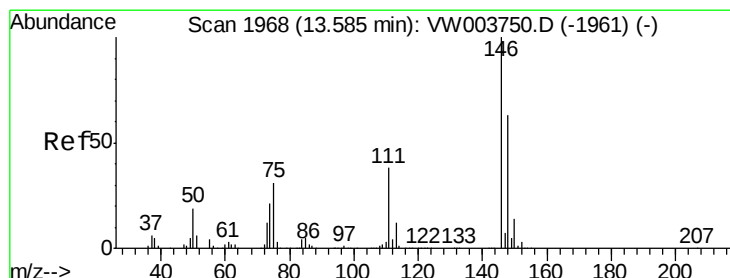
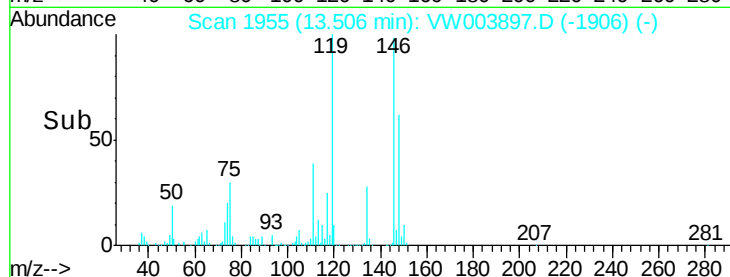
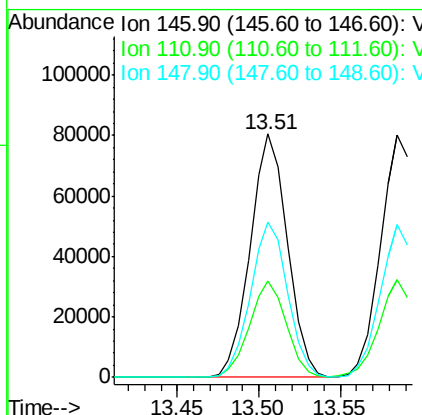
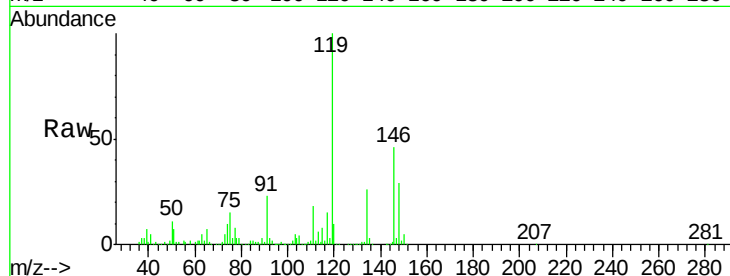
#87
 1,3-Dichlorobenzene
 Concen: 21.626 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.2	60.5
148	63.7	31.9	95.7

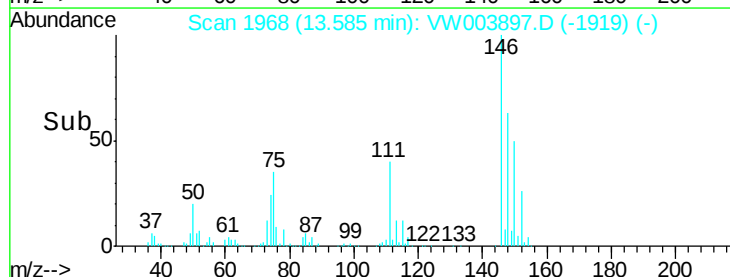
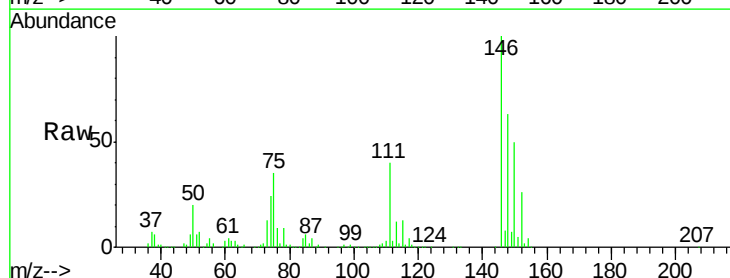
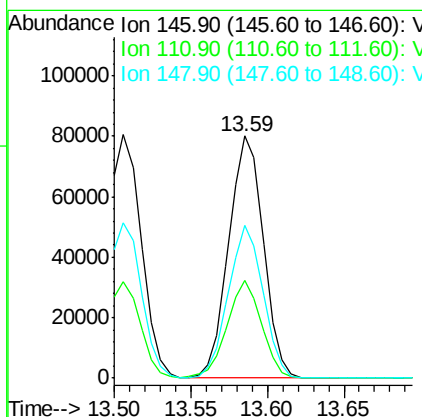
Manual Integrations
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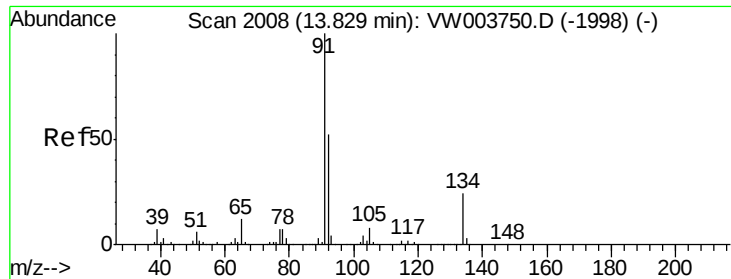
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 21.207 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.4	58.4
148	63.4	31.9	95.7





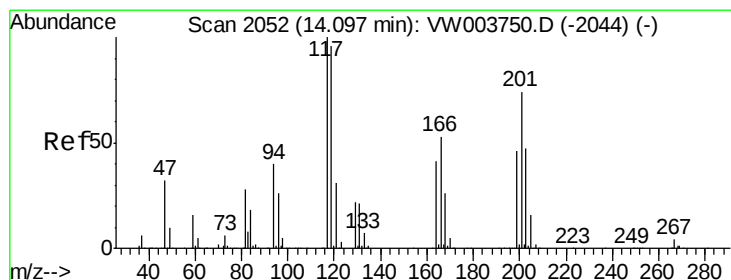
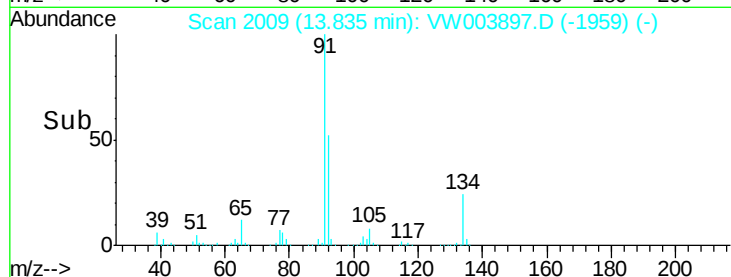
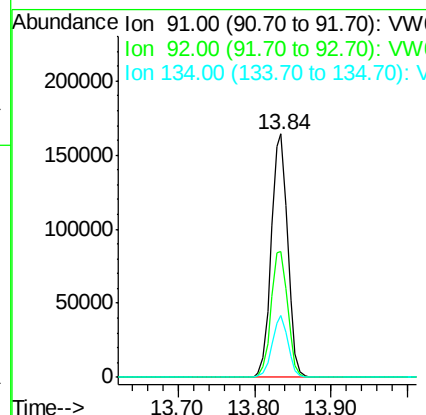
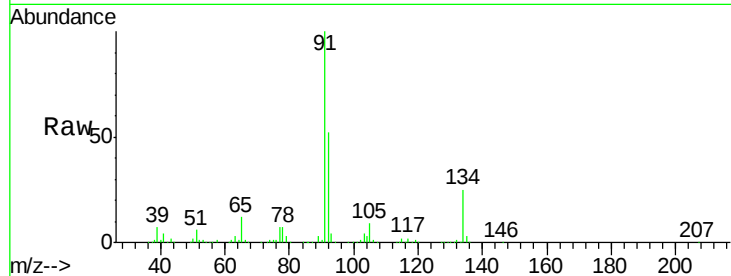
#89
n-Butylbenzene
Concen: 23.023 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	246982		
92	52.4		26.1	78.3
134	24.3		12.4	37.4

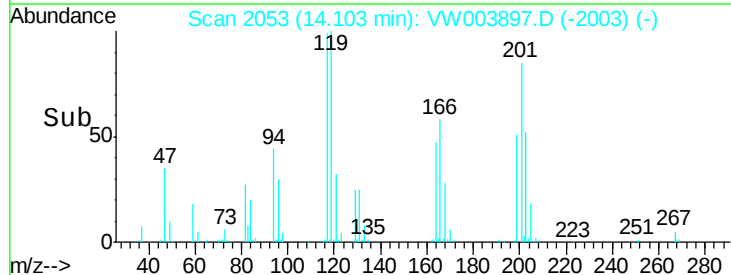
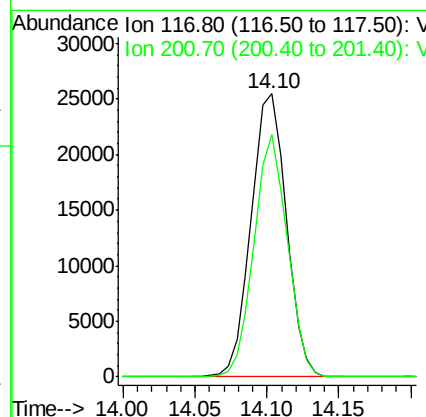
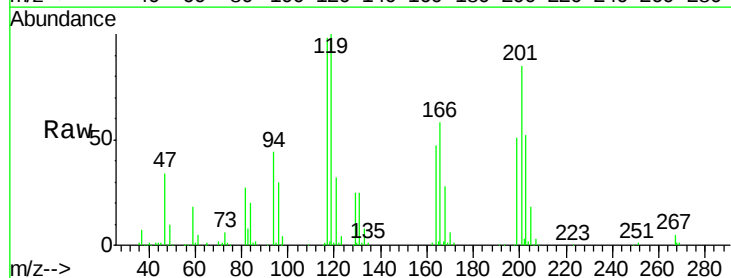
Manual Integrations
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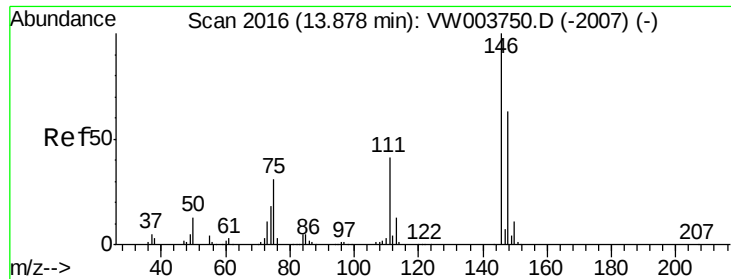
apatel
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#90
Hexachloroethane
Concen: 20.530 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43128		
201	81.0		39.2	117.6





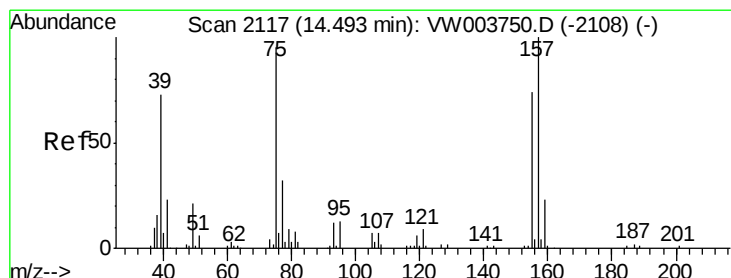
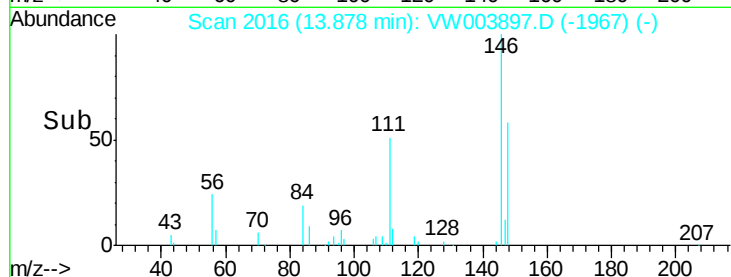
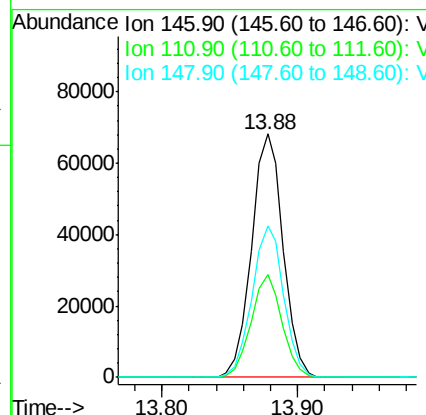
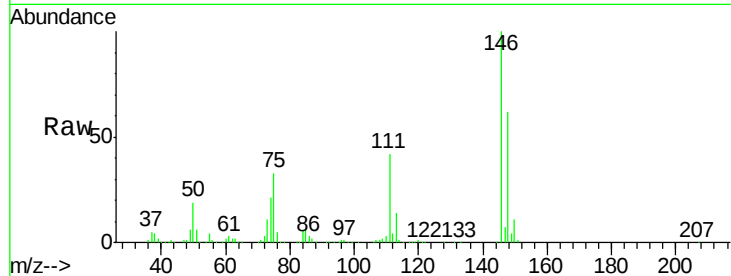
#91
 1,2-Dichlorobenzene
 Concen: 20.826 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	62.6	31.9	95.9

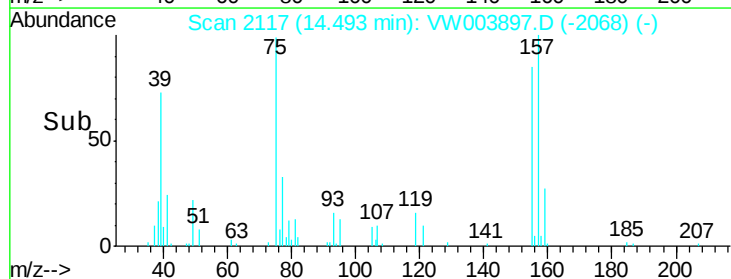
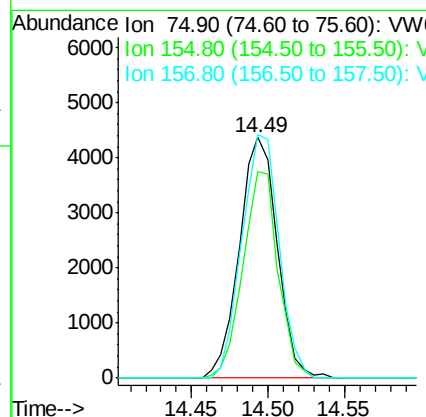
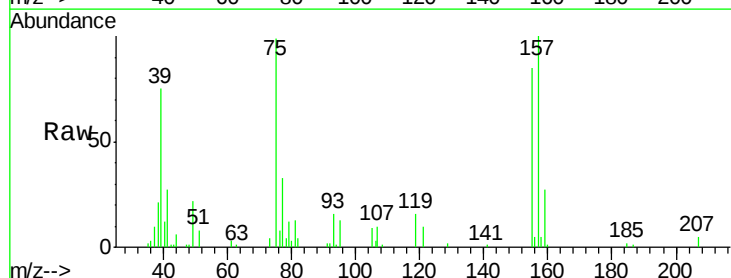
Manual Integrations
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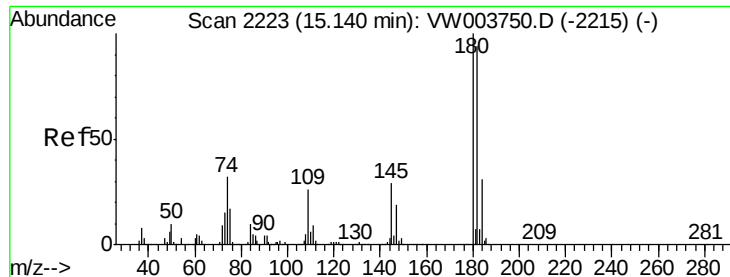
apatel
 7/13/2018 9:31:19 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.248 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	39.2	117.6
157	99.0	50.7	152.1





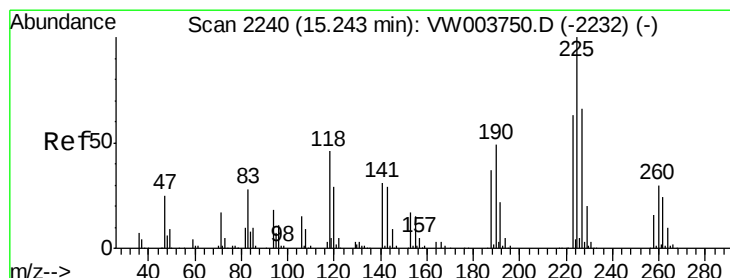
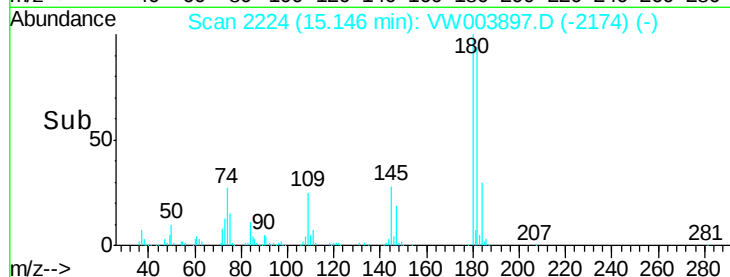
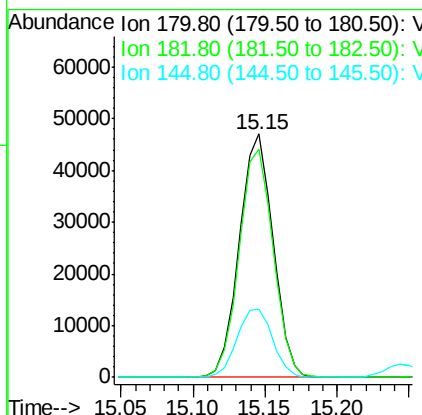
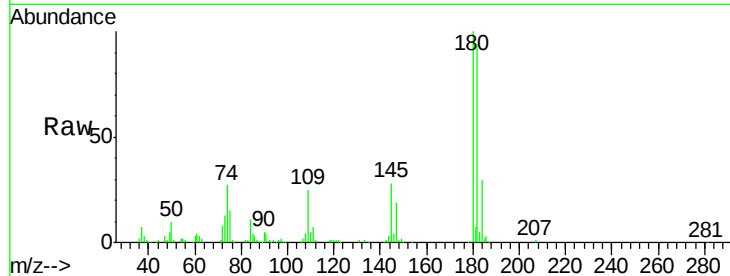
#93
 1,2,4-Trichlorobenzene
 Concen: 21.311 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.2
145	29.8	15.0	45.0

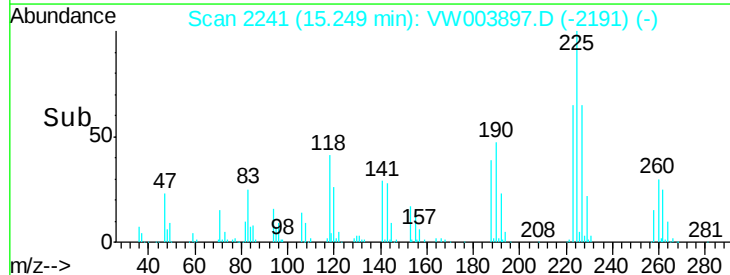
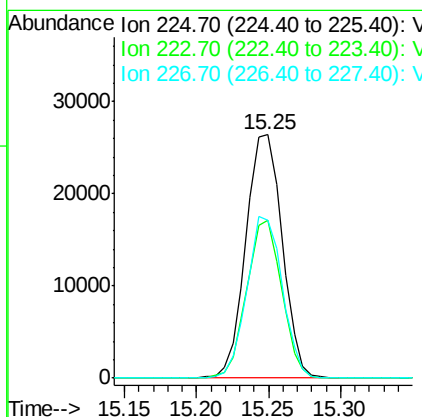
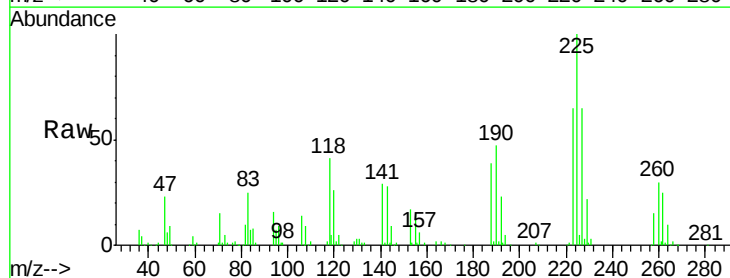
Manual Integrations
 APPROVED

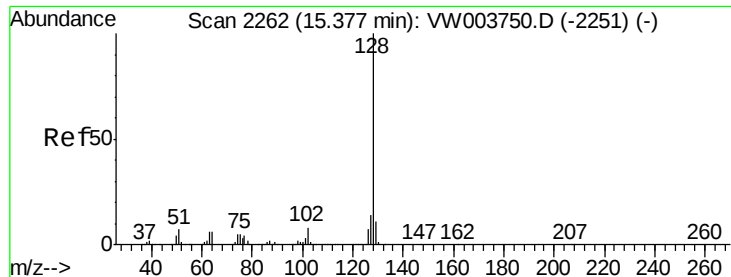
apatel
 7/13/2018 9:31:19 AM



#94
 Hexachlorobutadiene
 Concen: 22.447 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW003897.D
 Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.6	97.7
227	64.4	32.5	97.5





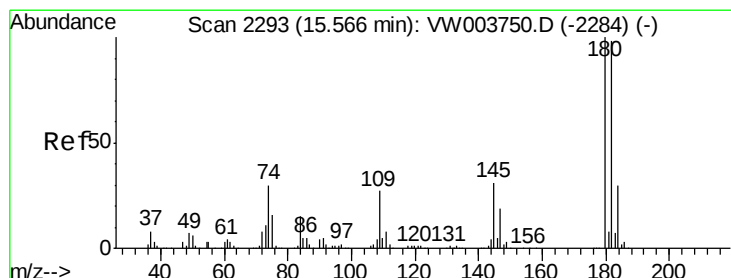
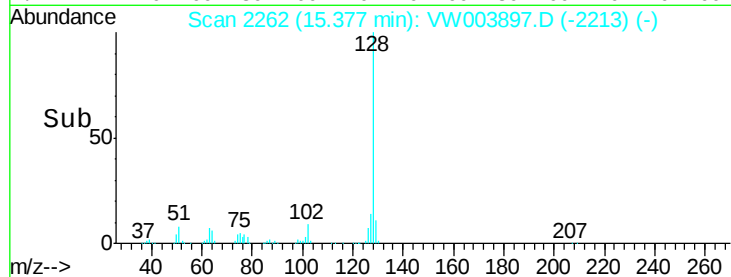
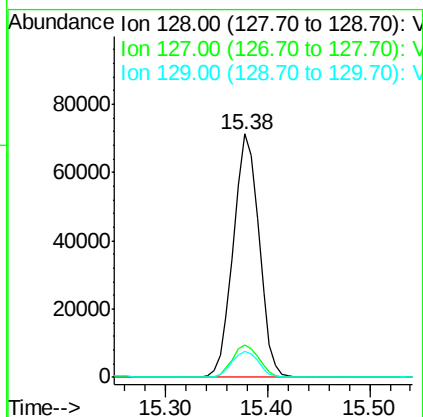
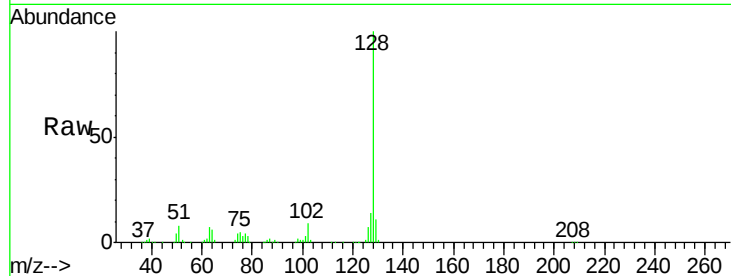
#95
Naphthalene
Concen: 19.350 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.8	16.2
129	11.1	8.6	13.0

Manual Integrations
APPROVED

apatel
7/13/2018 9:31:19 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.486 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003897.D
Acq: 12 Jul 2018 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.3
145	31.4	15.8	47.4

