

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003690.D
 Acq On : 03 Jul 2018 11:29
 Operator : SY/AP
 Sample : VW0703SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Manual Integrations
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 7/5/2018 11:11:58 AM

Quant Time: Jul 03 13:40:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	400945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147081	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	7.88	113	128777	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.33	98	525371	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.62	95	185809	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	21769m	19.018	ug/l
3) Chloromethane	2.21	50	38333	18.770	ug/l
4) Vinyl Chloride	2.36	62	52511	18.845	ug/l
5) Bromomethane	2.78	94	34114	18.673	ug/l
6) Chloroethane	2.92	64	30868	18.411	ug/l
7) Trichlorofluoromethane	3.25	101	28345	19.130	ug/l
8) Diethyl Ether	3.67	74	24971	18.214	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.05	101	48769	19.806	ug/l
10) Methyl Iodide	4.26	142	66652	18.434	ug/l
11) Tert butyl alcohol	5.21	59	16273	85.082	ug/l
12) 1,1-Dichloroethene	4.03	96	47483	19.347	ug/l
13) Acrolein	3.89	56	10945	117.936	ug/l
14) Allyl chloride	4.66	41	80503	19.179	ug/l
15) Acrylonitrile	5.37	53	57179	89.923	ug/l
16) Acetone	4.14	43	68129	93.376	ug/l
17) Carbon Disulfide	4.37	76	131195	17.807	ug/l
18) Methyl Acetate	4.67	43	28173	18.241	ug/l
19) Methyl tert-butyl Ether	5.43	73	89514	18.673	ug/l
20) Methylene Chloride	4.91	84	58246	18.753	ug/l
21) trans-1,2-Dichloroethene	5.41	96	50592	18.822	ug/l
22) Diisopropyl ether	6.31	45	168197	19.545	ug/l
23) Vinyl Acetate	6.26	43	483454	92.125	ug/l
24) 1,1-Dichloroethane	6.21	63	99227	19.335	ug/l
25) 2-Butanone	7.18	43	84171	90.095	ug/l
26) 2,2-Dichloropropane	7.17	77	64695	20.560	ug/l
27) cis-1,2-Dichloroethene	7.17	96	56766	19.393	ug/l
28) Bromochloromethane	7.51	49	44206	19.596	ug/l
29) Tetrahydrofuran	7.54	42	48770	87.084	ug/l
30) Chloroform	7.67	83	101872	19.631	ug/l
31) Cyclohexane	7.95	56	88906	19.027	ug/l
32) 1,1,1-Trichloroethane	7.87	97	80396	19.902	ug/l
36) 1,1-Dichloropropene	8.08	75	78658	19.543	ug/l
37) Ethyl Acetate	7.26	43	35188	17.961	ug/l
38) Carbon Tetrachloride	8.07	117	76814	20.062	ug/l

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	88046	18.996	ug/l	96
40) Benzene	8.32	78	224510	19.846	ug/l	100
41) Methacrylonitrile	7.49	41	19361	17.387	ug/l	96
42) 1,2-Dichloroethane	8.40	62	67722	19.013	ug/l	100
43) Isopropyl Acetate	8.43	43	65702	17.807	ug/l	99
44) Trichloroethene	9.09	130	57875	19.790	ug/l	98
45) 1,2-Dichloropropane	9.37	63	58066	19.787	ug/l	98
46) Dibromomethane	9.46	93	28296	18.567	ug/l	98
47) Bromodichloromethane	9.65	83	75184	19.957	ug/l	98
48) Methyl methacrylate	9.44	41	30466	17.938	ug/l	97
49) 1,4-Dioxane	9.47	88	8266	345.751	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	176848	90.958	ug/l	98
52) Toluene	10.39	92	141683	20.070	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	75629	19.350	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85200	19.228	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	41285	19.228	ug/l	95
56) Ethyl methacrylate	10.65	69	48399	18.330	ug/l	97
57) 1,3-Dichloropropane	10.94	76	71247	19.101	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	108696	94.711	ug/l	99
59) 2-Hexanone	10.98	43	129479	93.161	ug/l	97
60) Dibromochloromethane	11.13	129	48360	19.267	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38666	18.801	ug/l	98
64) Tetrachloroethene	10.87	164	48587	19.444	ug/l	99
65) Chlorobenzene	11.66	112	156706	20.162	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	54207	19.956	ug/l	98
67) Ethyl Benzene	11.74	91	272781	20.030	ug/l	99
68) m/p-Xylenes	11.85	106	207628	40.092	ug/l	99
69) o-Xylene	12.17	106	95892	20.030	ug/l	100
70) Styrene	12.19	104	161371	20.068	ug/l	98
71) Bromoform	12.35	173	28622	18.963	ug/l #	98
73) Isopropylbenzene	12.47	105	269911	20.295	ug/l	99
74) N-amyl acetate	12.28	43	64272	18.302	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	48695	18.720	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	35775m	20.351	ug/l	
77) Bromobenzene	12.75	156	63398	19.863	ug/l	99
78) n-propylbenzene	12.81	91	338774	20.620	ug/l	99
79) 2-Chlorotoluene	12.90	91	190503	20.377	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	231451	20.572	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14799	17.838	ug/l	97
82) 4-Chlorotoluene	12.99	91	202698	20.424	ug/l	99
83) tert-Butylbenzene	13.21	119	195038	20.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	238477	20.590	ug/l	100
85) sec-Butylbenzene	13.39	105	294721	20.870	ug/l	100
86) p-Isopropyltoluene	13.51	119	259150	20.980	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	131133	20.244	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	132320	20.442	ug/l	99
89) n-Butylbenzene	13.83	91	251264	20.575	ug/l	98
90) Hexachloroethane	14.10	117	47534	20.714	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	116691	20.147	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8094	17.858	ug/l	98

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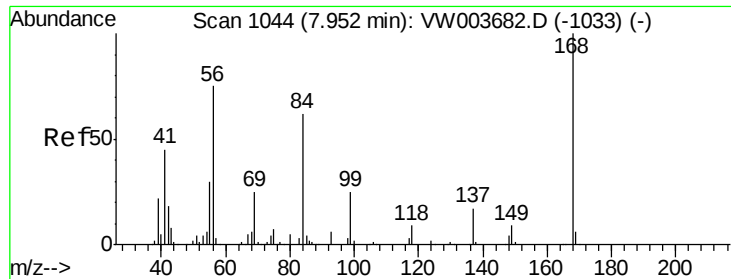
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	82237	20.137	ug/l	99
94) Hexachlorobutadiene	15.25	225	49039	20.791	ug/l	98
95) Naphthalene	15.38	128	136919	18.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70963	19.507	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: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion:168 Resp: 256379

Ion Ratio Lower Upper

168 100

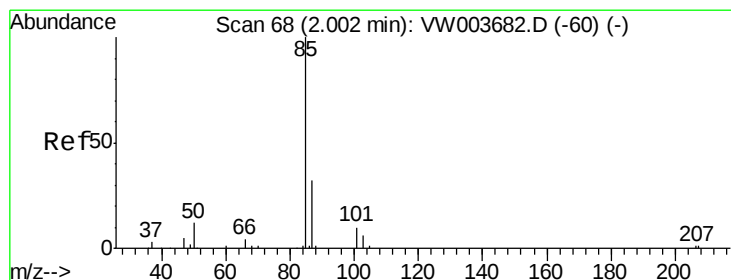
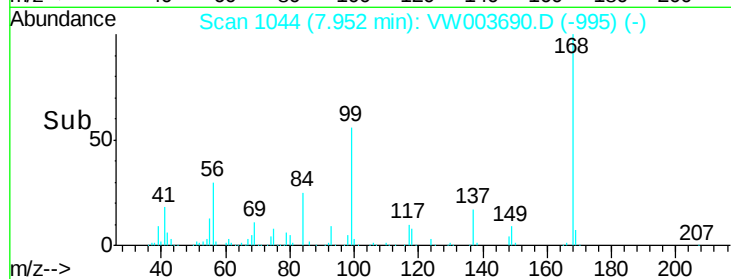
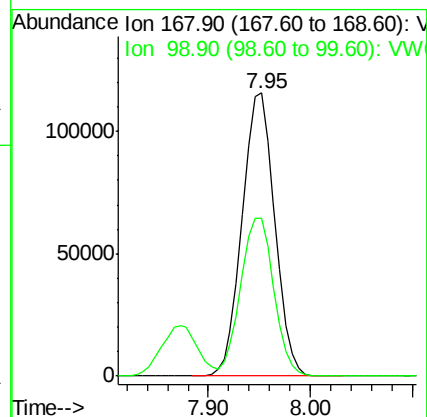
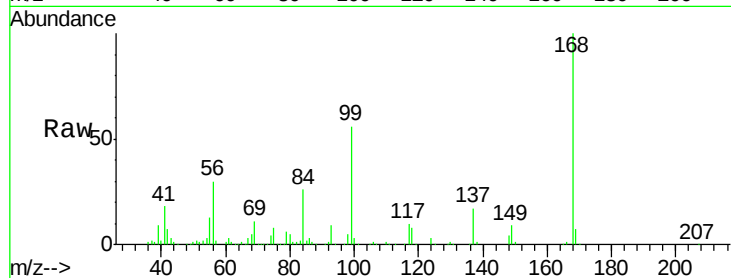
99 55.7 45.4 68.2

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#2

Dichlorodifluoromethane

Concen: 19.018 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003690.D

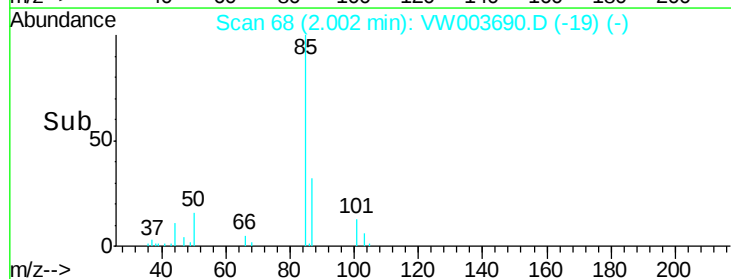
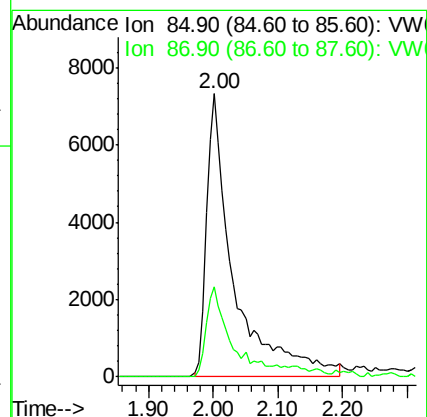
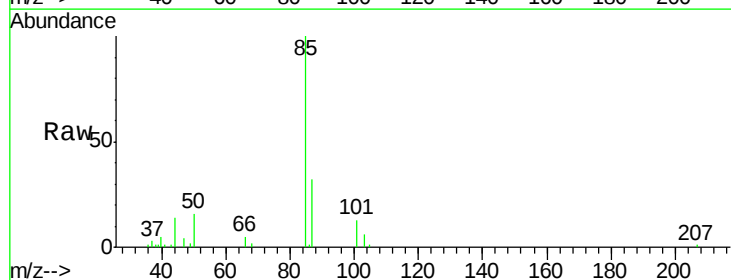
Acq: 03 Jul 2018 11:29

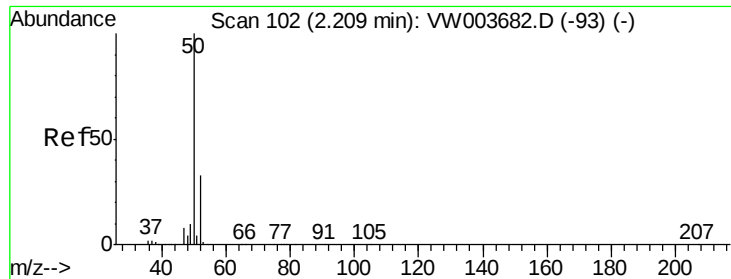
Tgt Ion: 85 Resp: 21769

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9





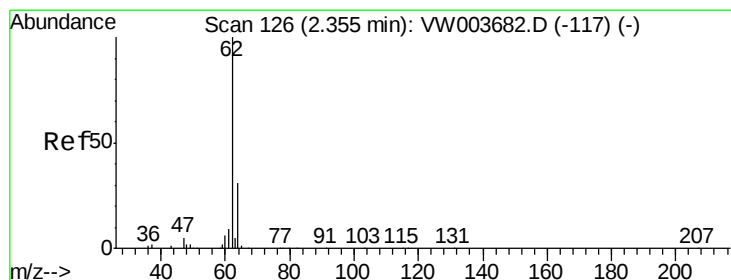
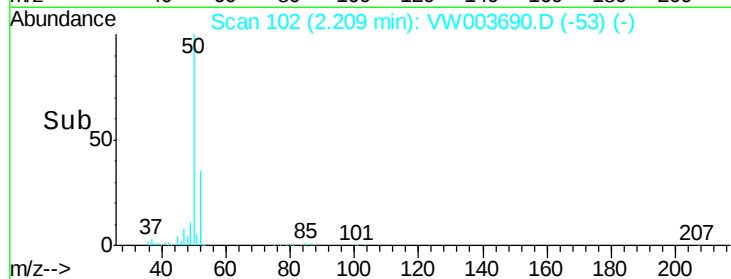
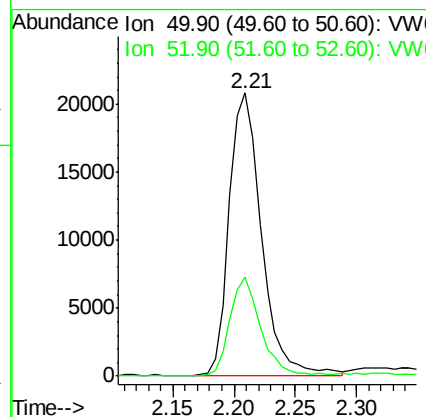
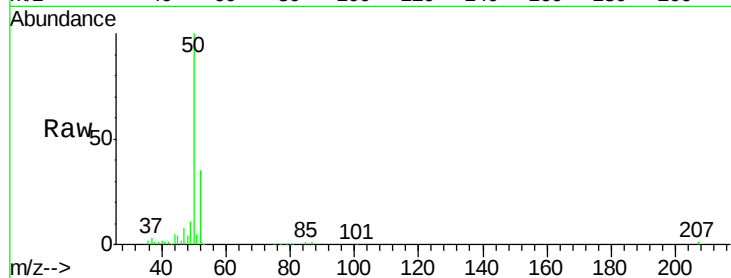
#3
Chloromethane
Concen: 18.770 ug/l
RT: 2.21 min Scan# 102
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	50	Resp	38333
Ion Ratio	100	Lower	Upper
50	100		
52	34.8	26.1	39.1

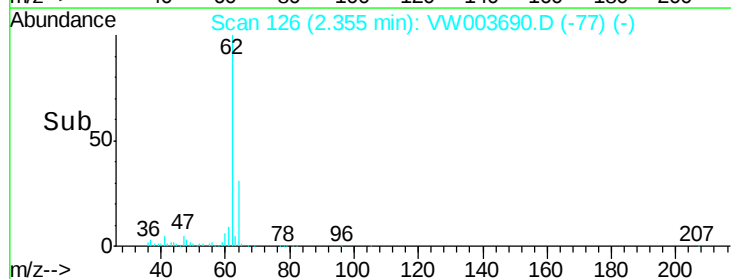
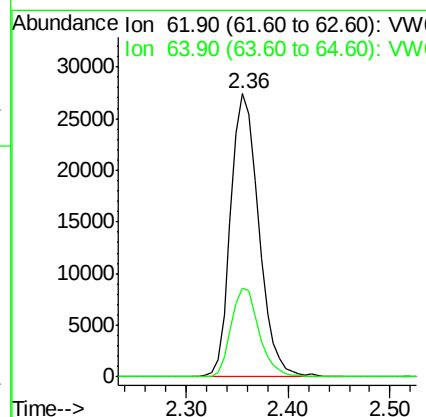
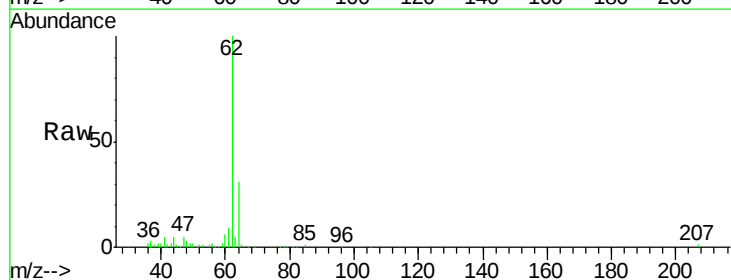
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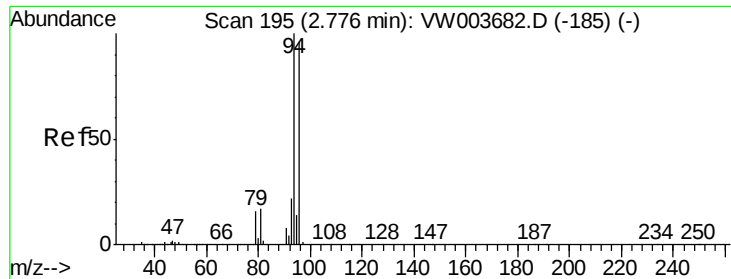
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#4
Vinyl Chloride
Concen: 18.845 ug/l
RT: 2.36 min Scan# 126
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	62	Resp	52511
Ion Ratio	100	Lower	Upper
62	100		
64	31.2	25.1	37.7





#5

Bromomethane

Concen: 18.673 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion: 94 Resp: 34114

Ion Ratio Lower Upper

94 100

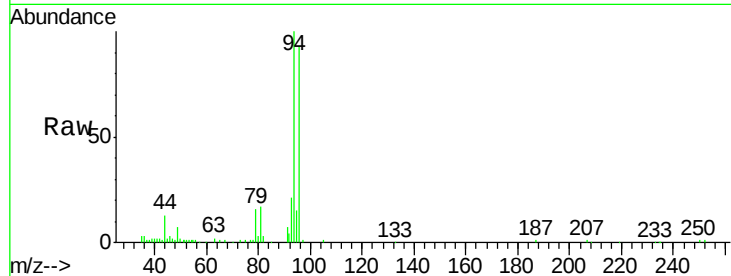
96 92.2 76.6 115.0

Manual Integrations

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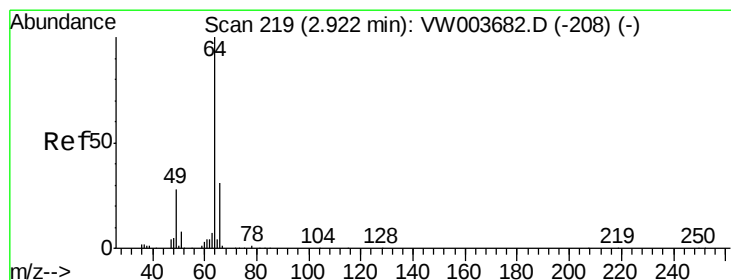
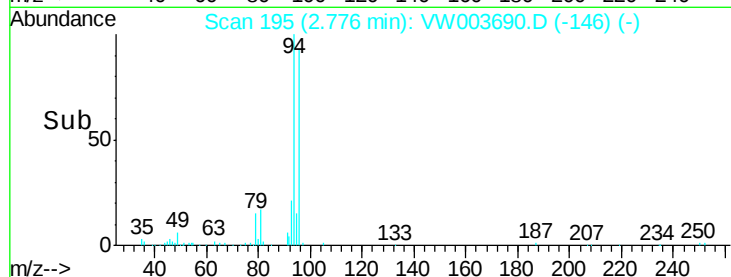
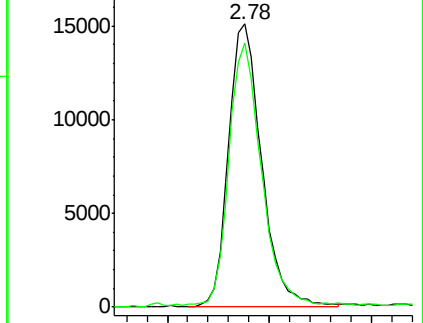
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 18.411 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003690.D

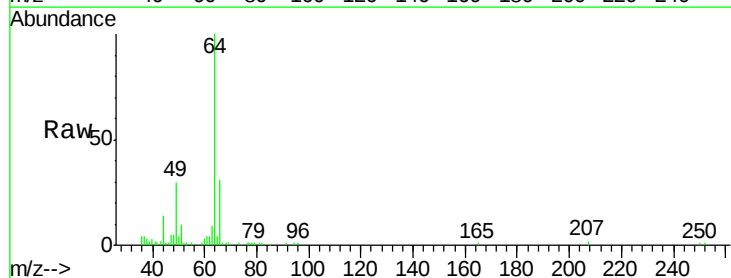
Acq: 03 Jul 2018 11:29

Tgt Ion: 64 Resp: 30868

Ion Ratio Lower Upper

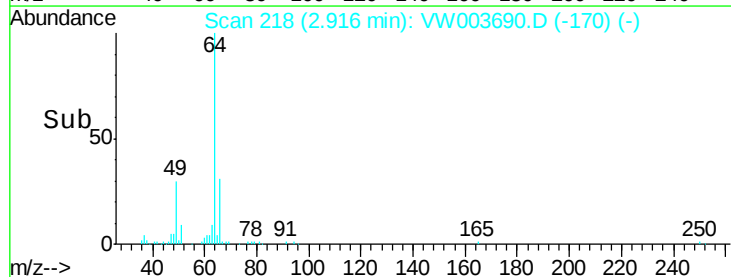
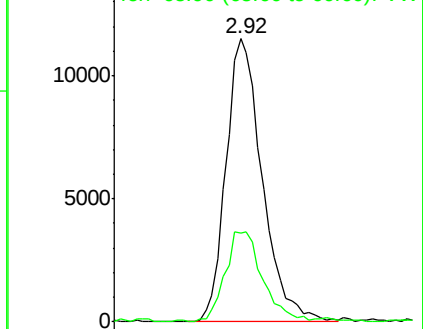
64 100

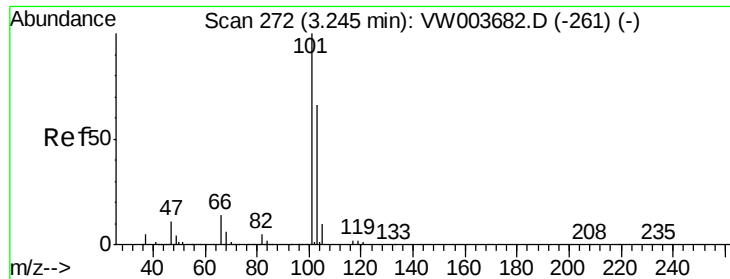
66 31.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

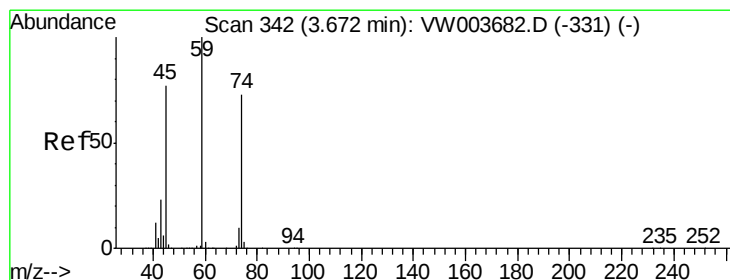
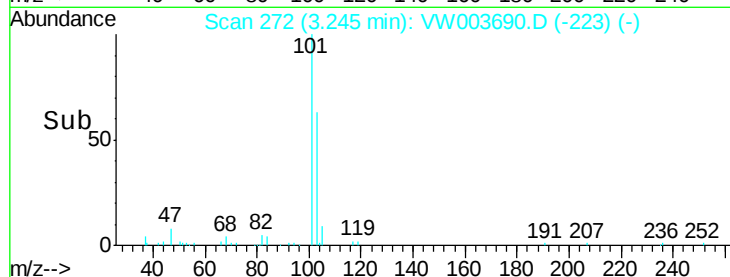
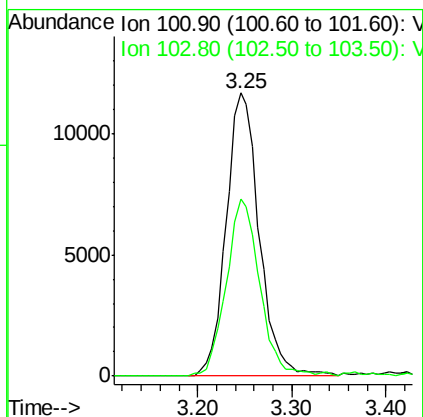
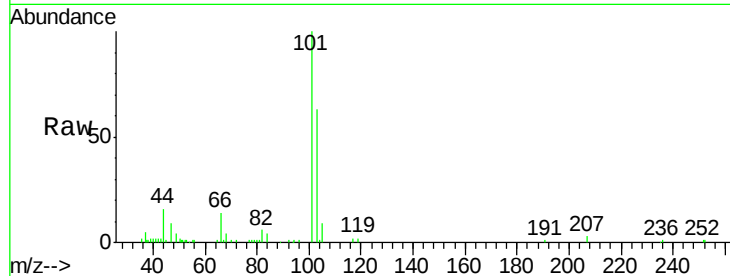
Trichlorofluoromethane
 Concen: 19.130 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.9	79.3

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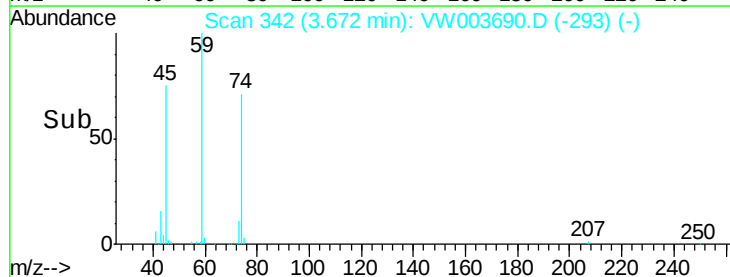
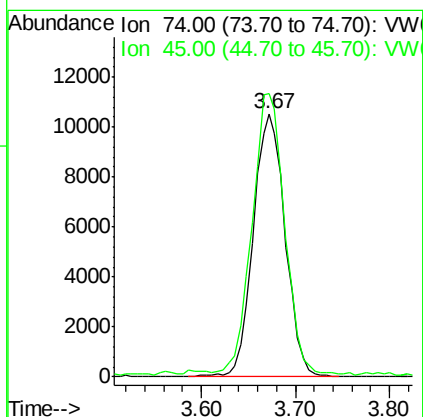
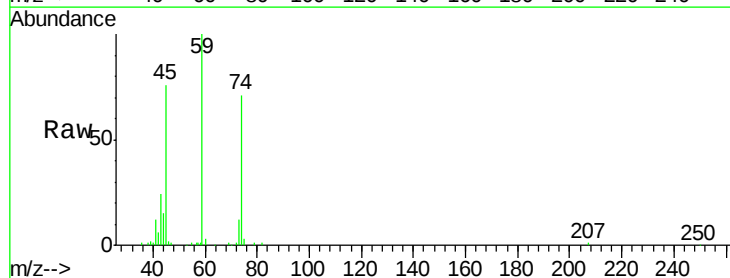
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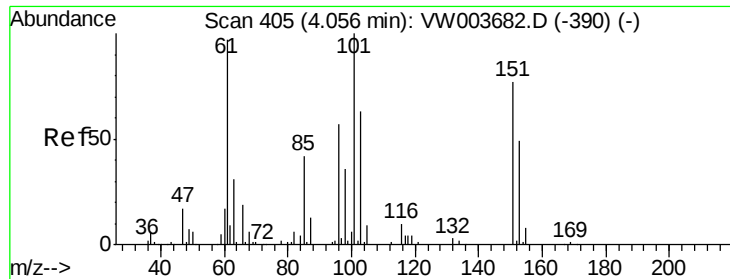


#8

Diethyl Ether
 Concen: 18.214 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.3	53.5	160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.806 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

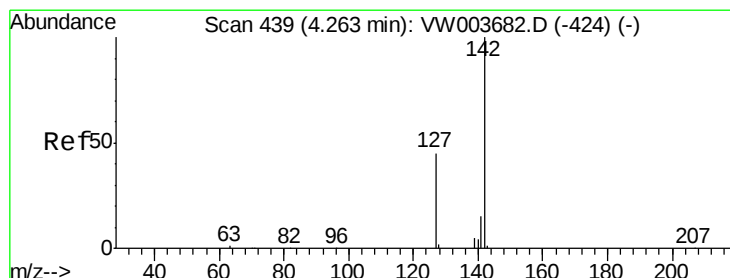
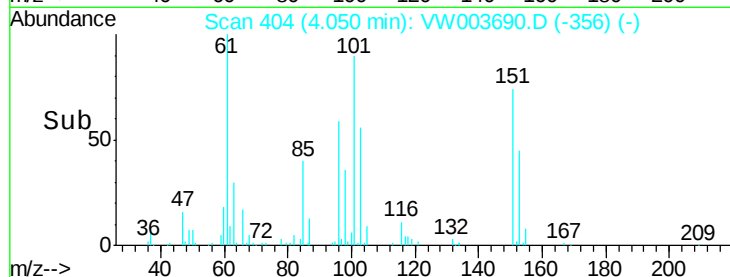
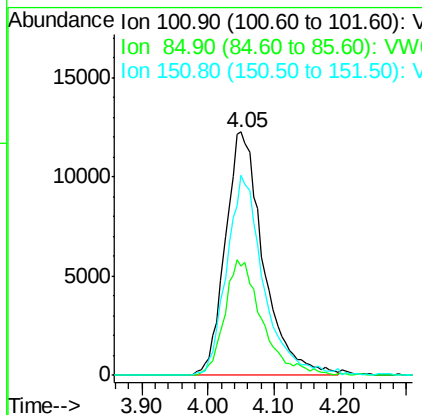
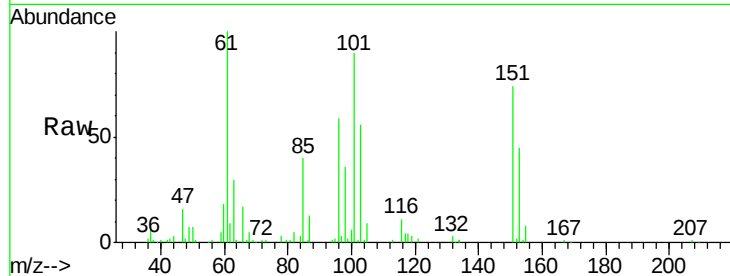
ClientSampled :

VW0703SBS01

Tot Ion:	101	Resp:	48769
Ion Ratio	Lower	Upper	
101	100		
85	46.7	36.6	55.0
151	79.8	62.4	93.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.434 ug/l

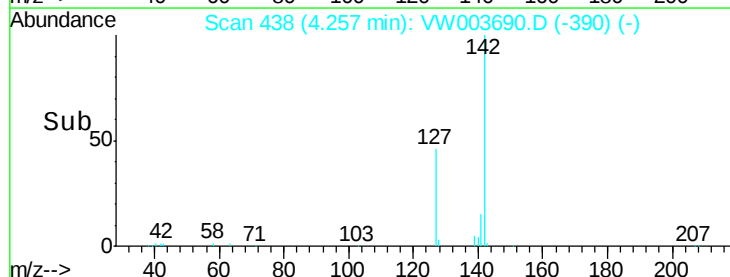
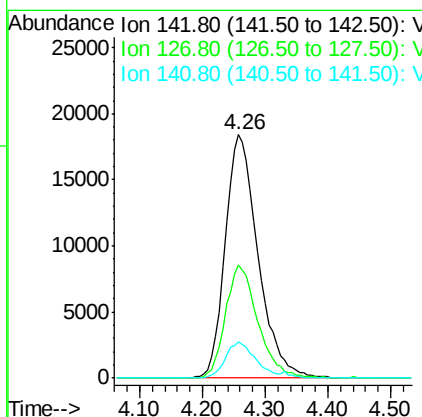
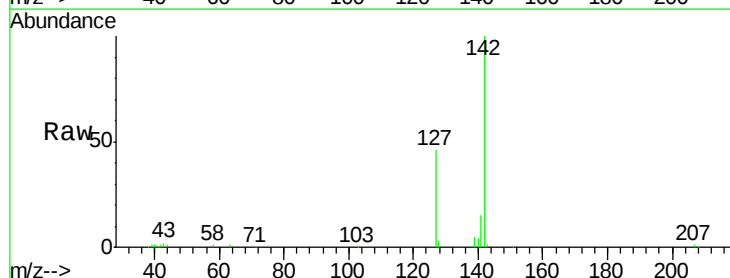
RT: 4.26 min Scan# 438

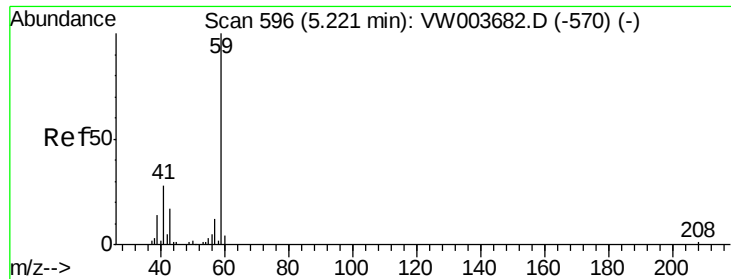
Delta R.T. -0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Tgt Ion:	142	Resp:	66652
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.0	54.0
141	13.8	11.9	17.9





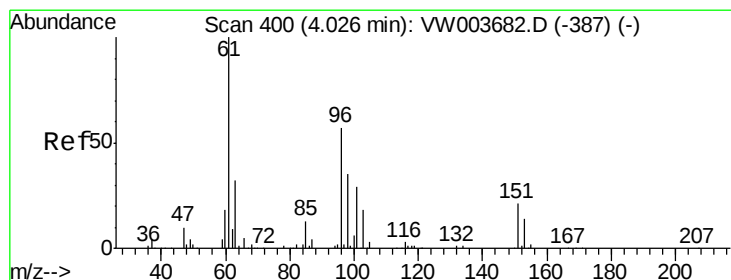
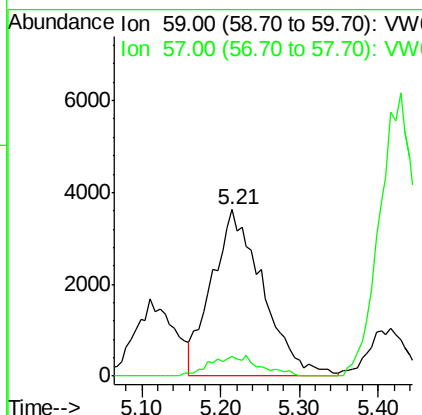
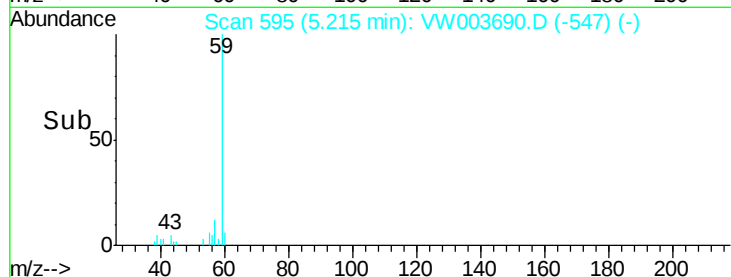
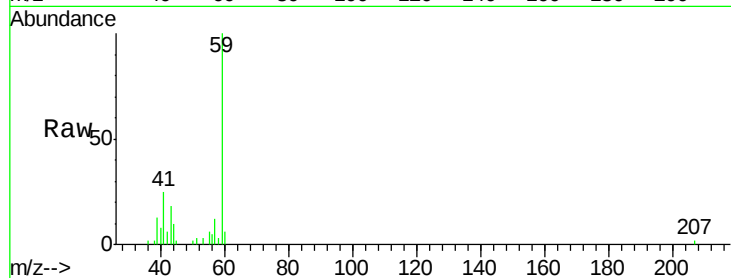
#11
Tert butyl alcohol
Concen: 85.082 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion: 59 Resp: 16273
Ion Ratio Lower Upper
59 100
57 11.8 9.0 13.4

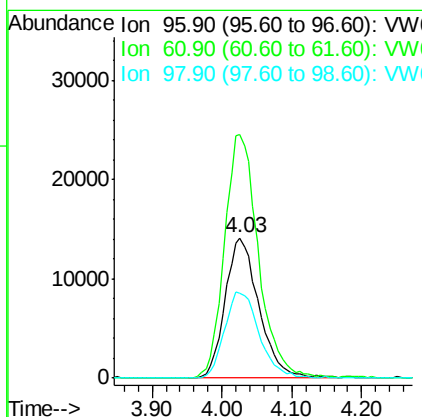
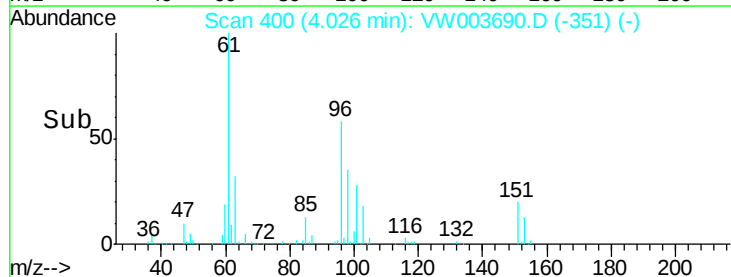
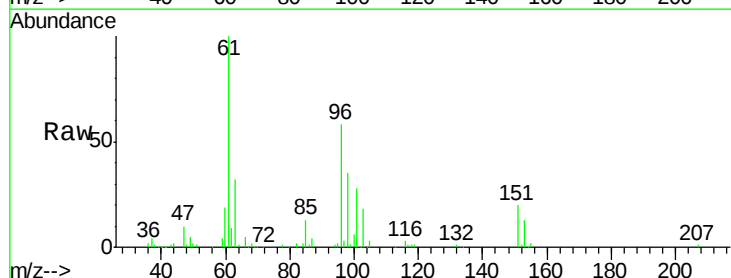
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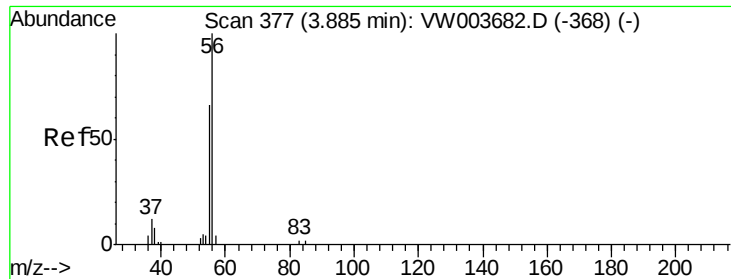
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#12
1,1-Dichloroethene
Concen: 19.347 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 96 Resp: 47483
Ion Ratio Lower Upper
96 100
61 173.3 140.6 211.0
98 60.9 49.4 74.0





#13

Acrolein

Concen: 117.936 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion: 56 Resp: 10945

Ion Ratio Lower Upper

56 100

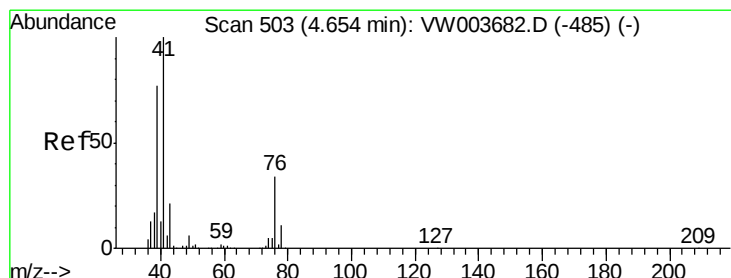
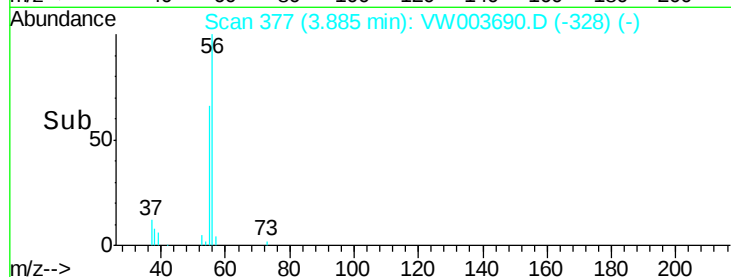
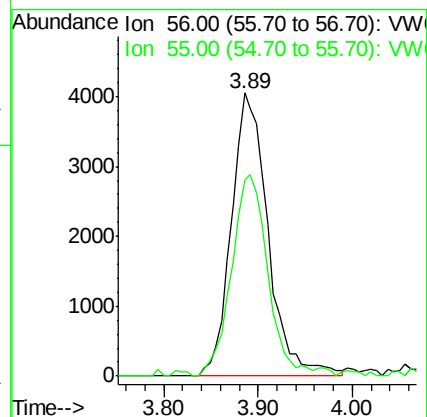
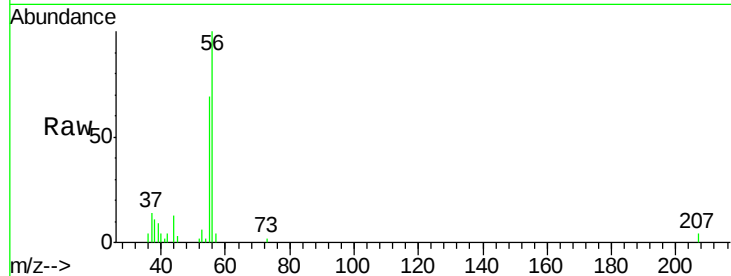
55 70.9 54.7 82.1

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#14

Allyl chloride

Concen: 19.179 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

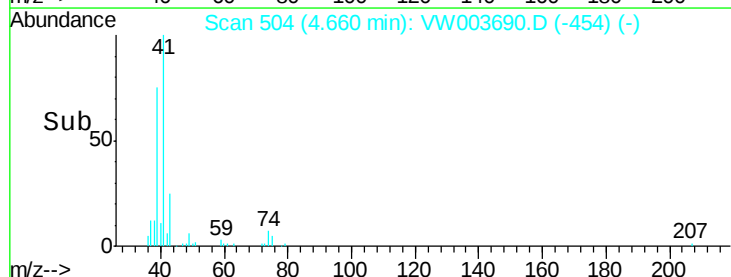
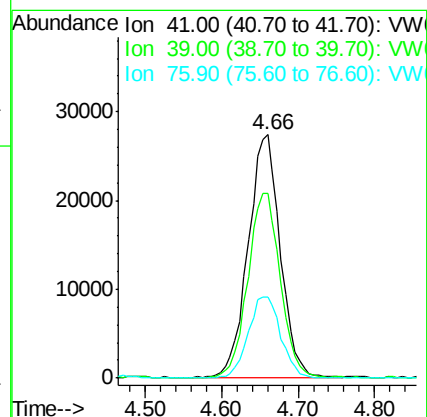
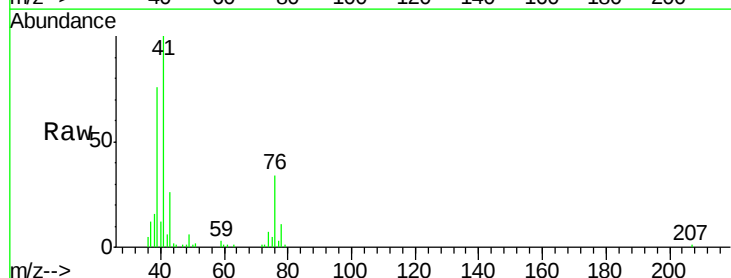
Tgt Ion: 41 Resp: 80503

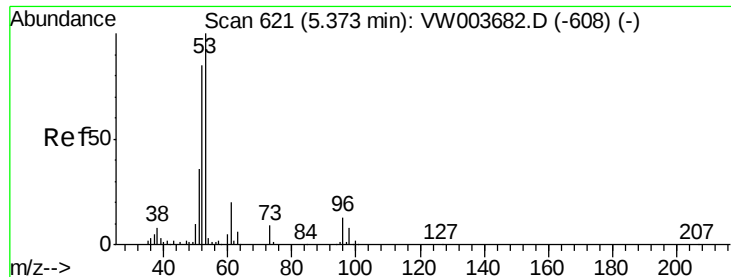
Ion Ratio Lower Upper

41 100

39 75.7 60.1 90.1

76 33.7 27.2 40.8





#15

Acrylonitrile

Concen: 89.923 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

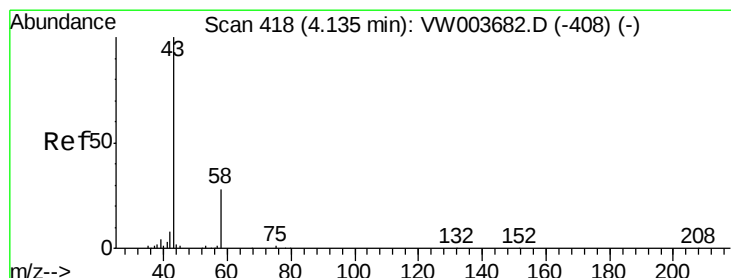
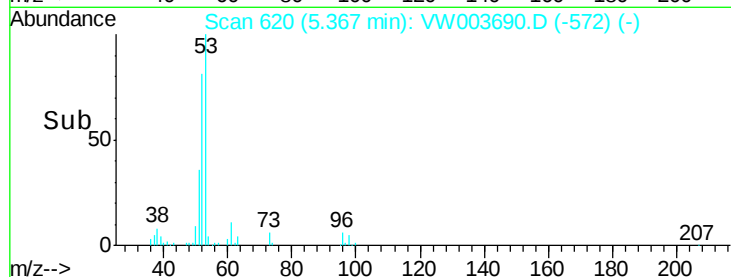
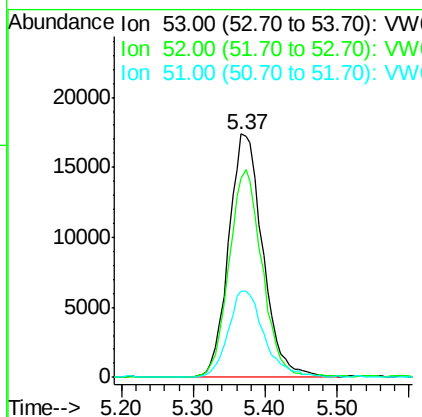
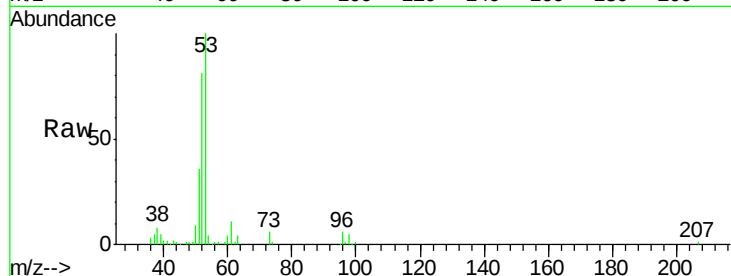
ClientSampleId :

VW0703SBS01

Tot Ion:	53	Resp:	57179
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.8	100.2
51	37.5	30.2	45.4

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#16

Acetone

Concen: 93.376 ug/l

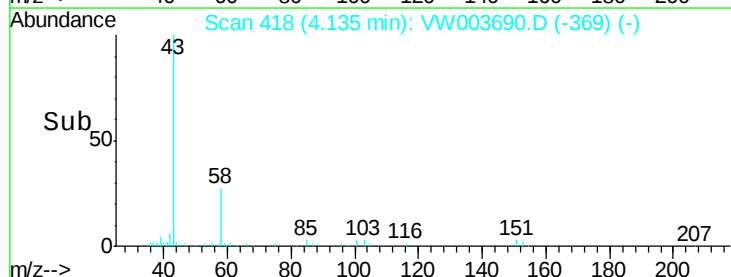
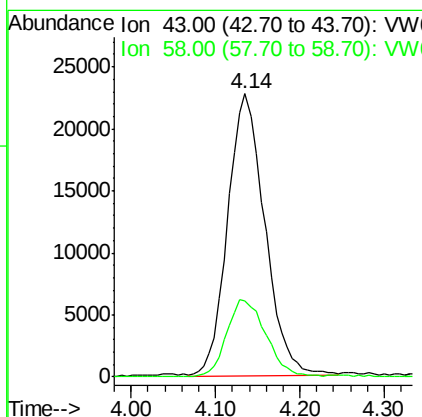
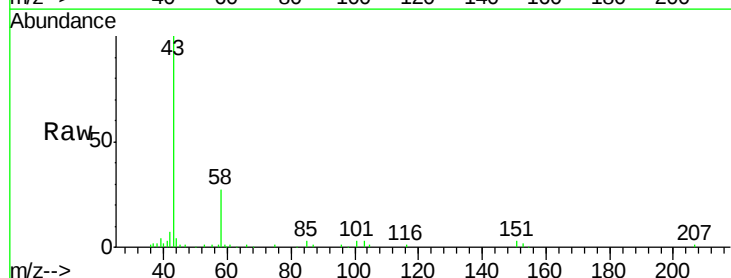
RT: 4.14 min Scan# 418

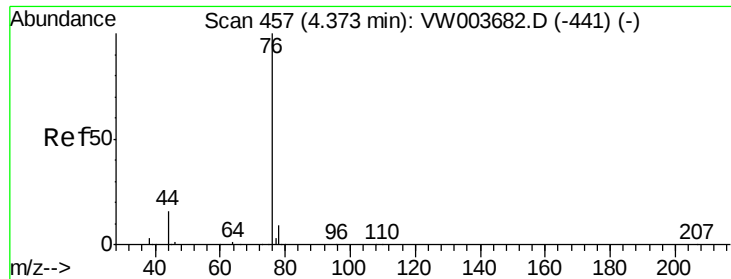
Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Tgt Ion:	43	Resp:	68129
Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.7	34.1





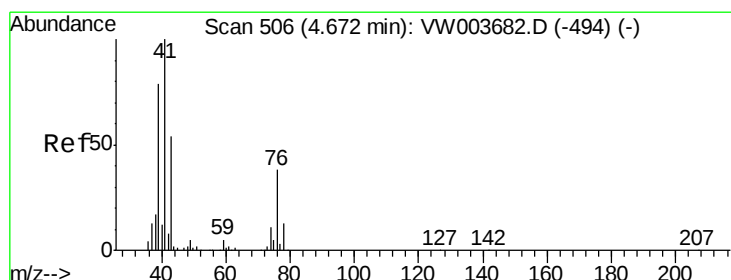
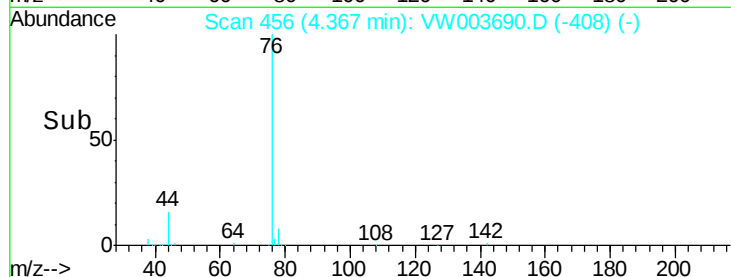
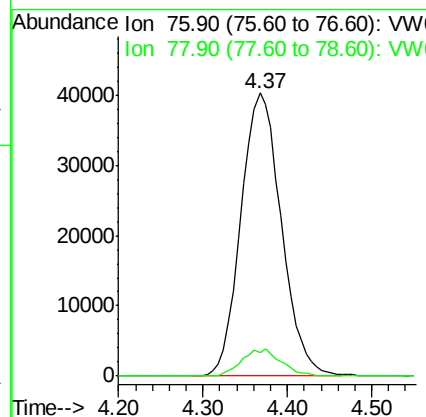
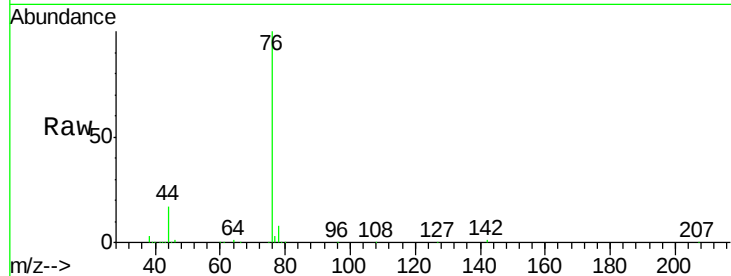
#17
Carbon Disulfide
Concen: 17.807 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.2

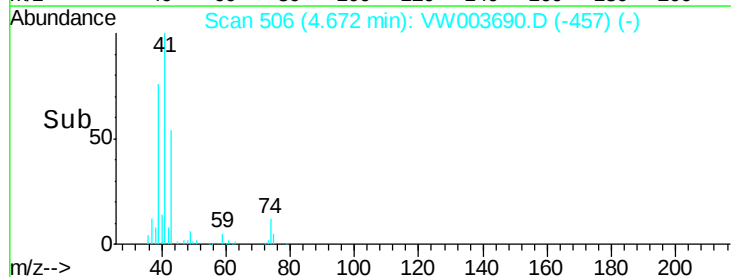
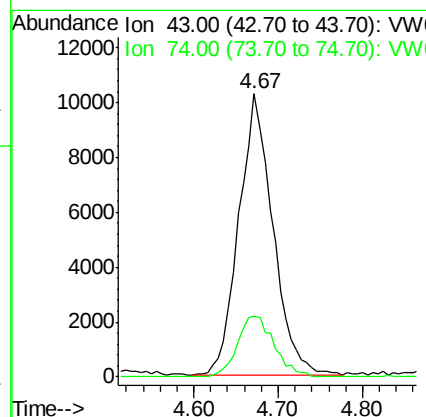
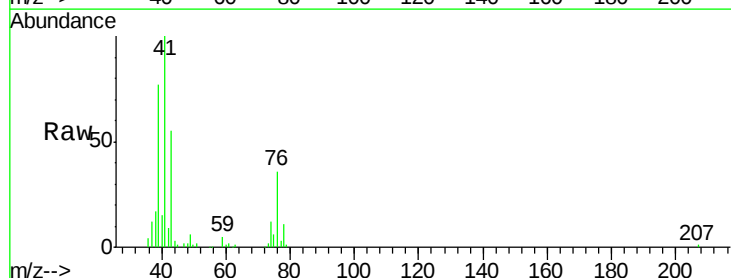
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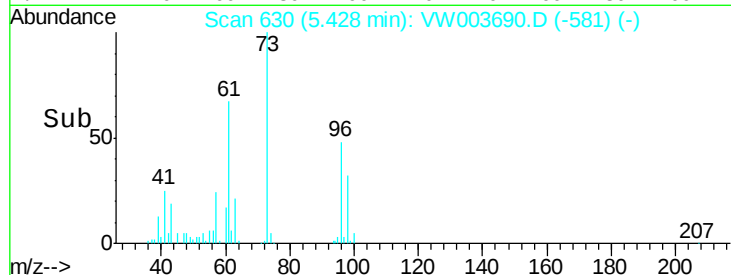
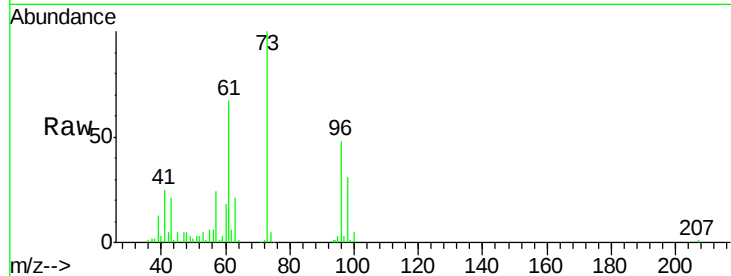
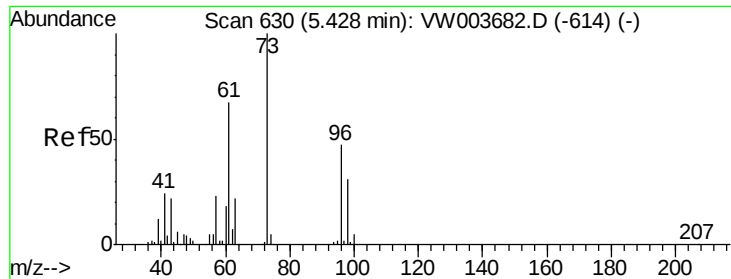
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#18
Methyl Acetate
Concen: 18.241 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.2	27.2





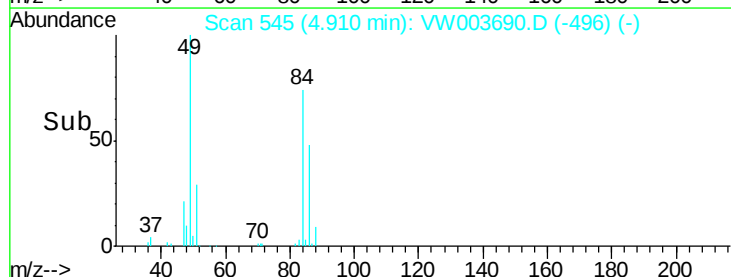
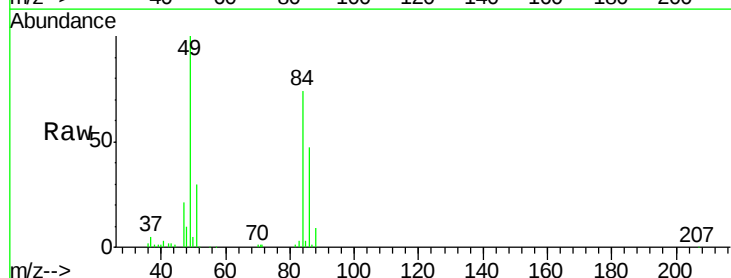
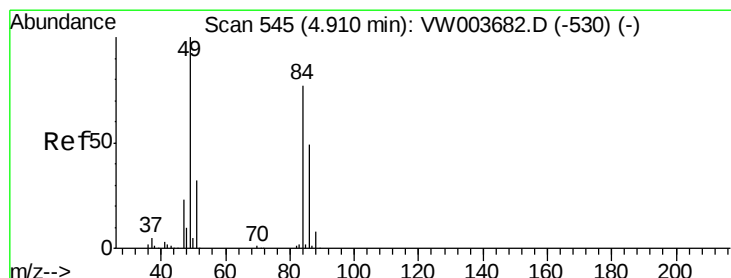
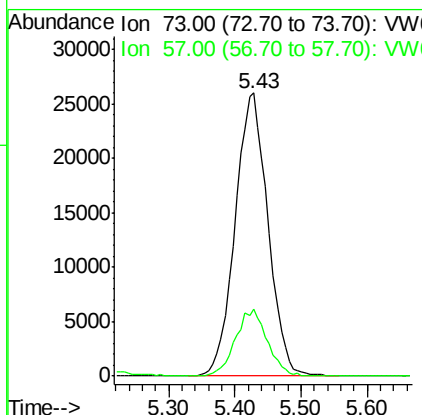
#19
Methyl tert-butyl Ether
Concen: 18.673 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tot Ion: 73 Resp: 89514
Ion Ratio Lower Upper
73 100
57 23.7 18.1 27.1

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

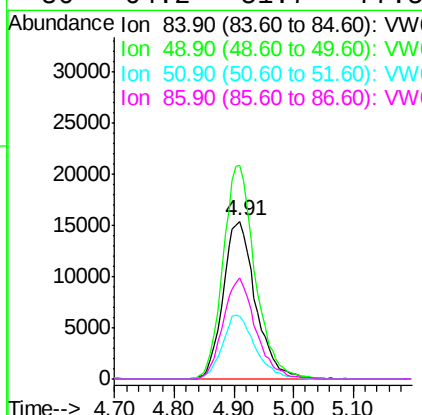
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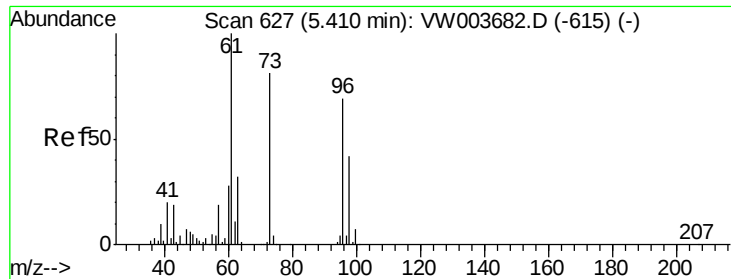
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#20
Methylene Chloride
Concen: 18.753 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 84 Resp: 58246
Ion Ratio Lower Upper
84 100
49 135.5 104.6 156.8
51 40.0 33.2 49.8
86 64.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 18.822 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

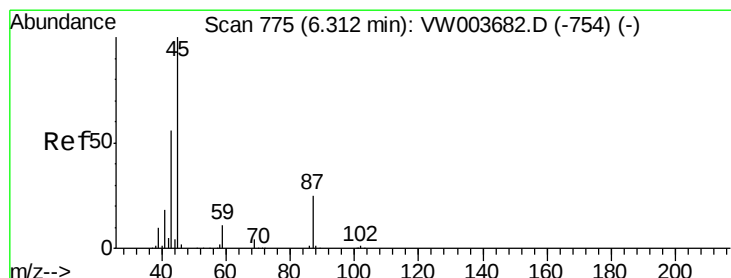
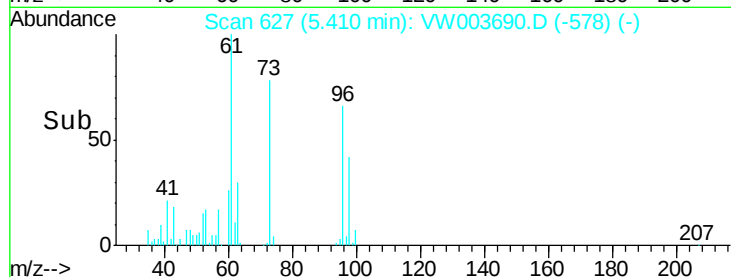
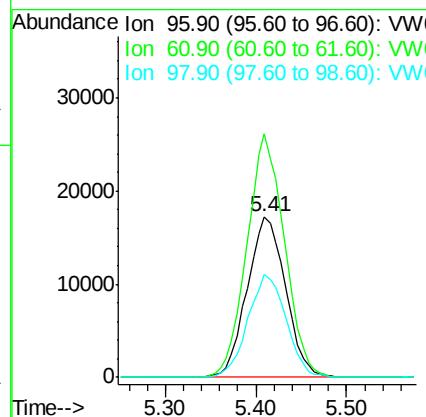
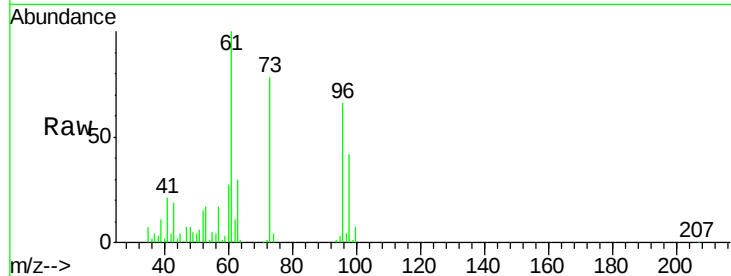
ClientSampled :

VW0703SBS01

Tot Ion:	96	Resp:	50592
Ion	Ratio	Lower	Upper
96	100		
61	151.3	116.8	175.2
98	63.6	49.6	74.4

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#22

Diisopropyl ether

Concen: 19.545 ug/l

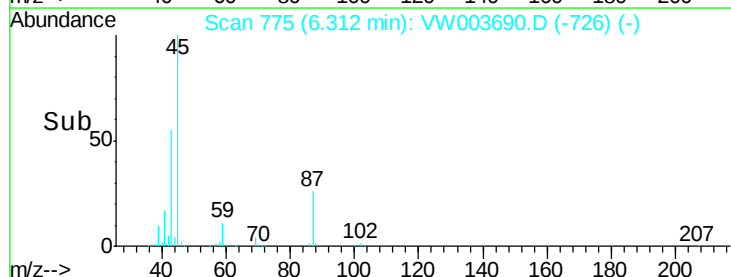
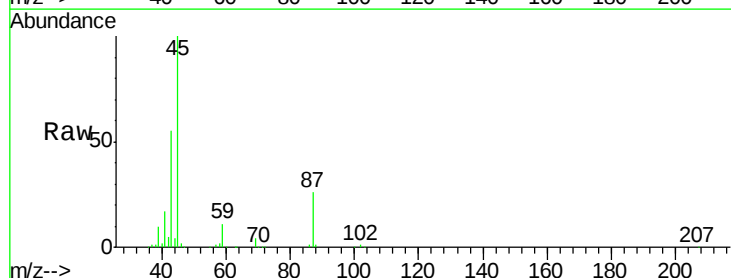
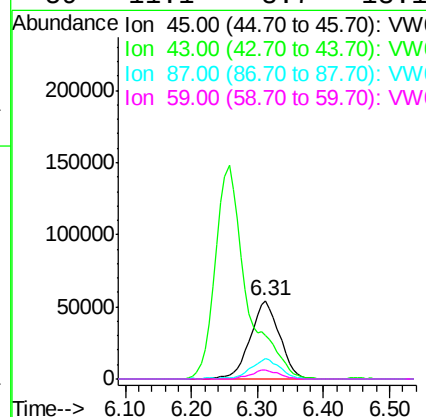
RT: 6.31 min Scan# 775

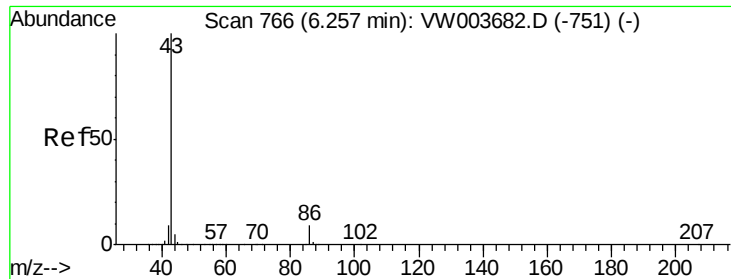
Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Tgt Ion:	45	Resp:	168197
Ion	Ratio	Lower	Upper
45	100		
43	54.8	44.5	66.7
87	25.6	20.2	30.4
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 92.125 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion: 43 Resp: 483454

Ion Ratio Lower Upper

43 100

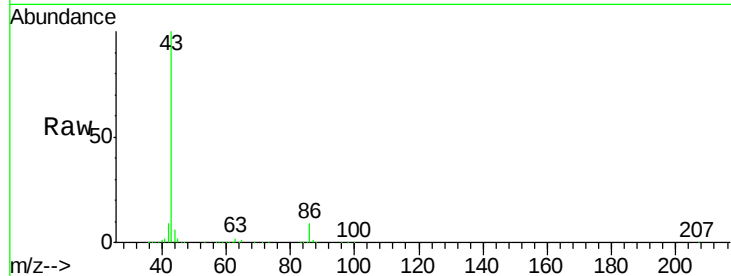
86 9.4 7.5 11.3

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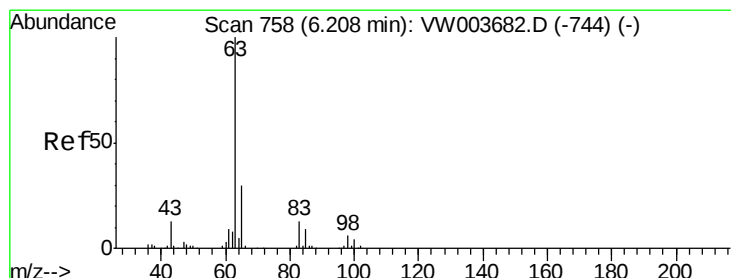
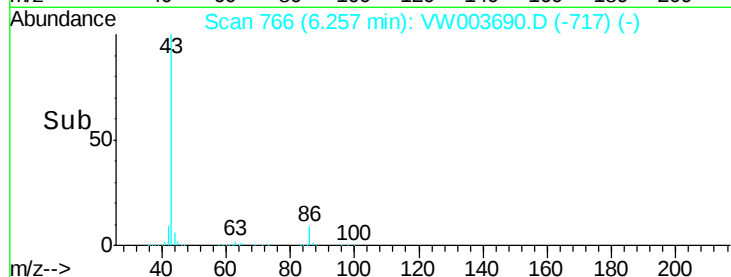
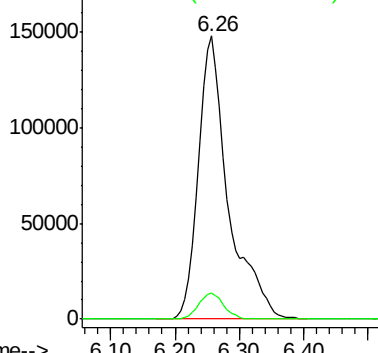
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.335 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

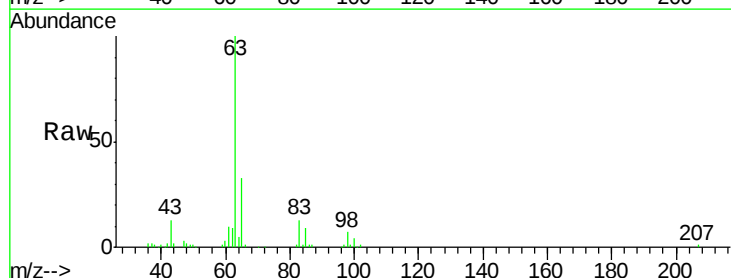
Tgt Ion: 63 Resp: 99227

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.6

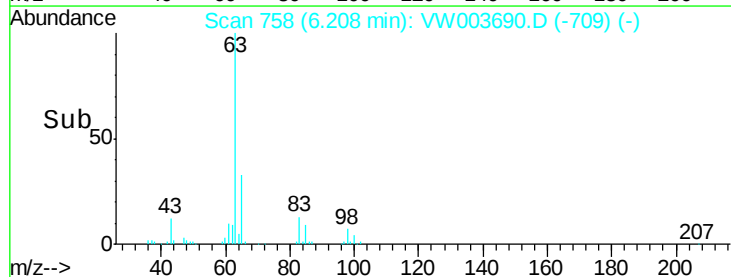
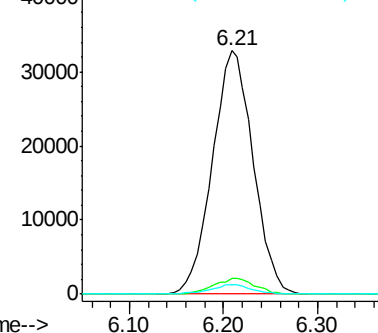
100 4.0 1.9 5.7

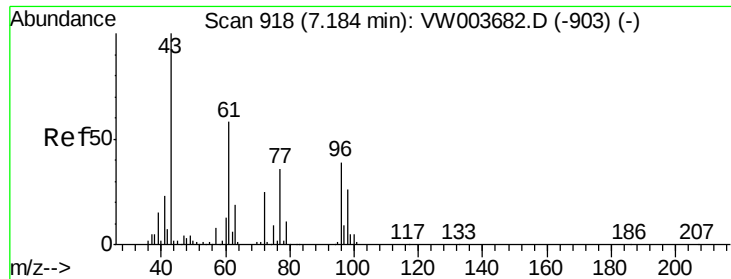


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 90.095 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampled :

VW0703SBS01

Tot Ion: 43 Resp: 84171

Ion Ratio Lower Upper

43 100

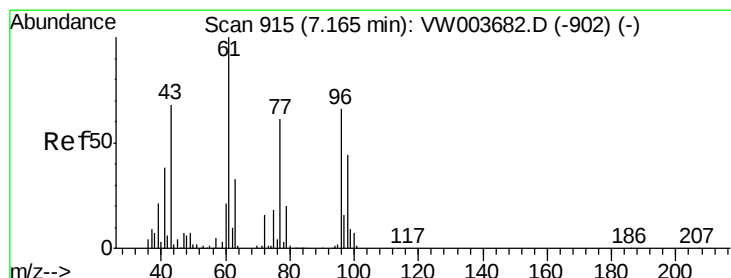
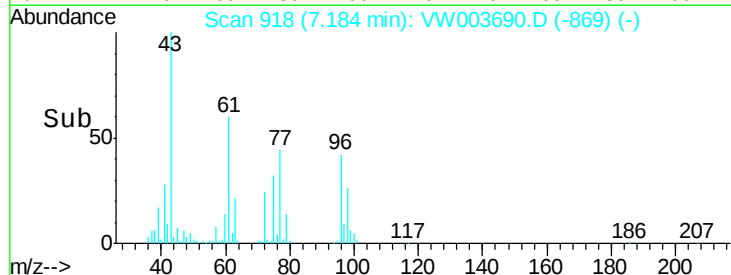
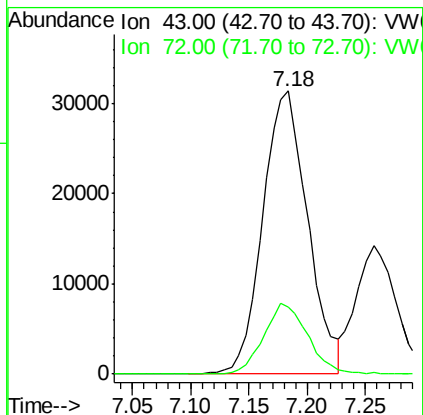
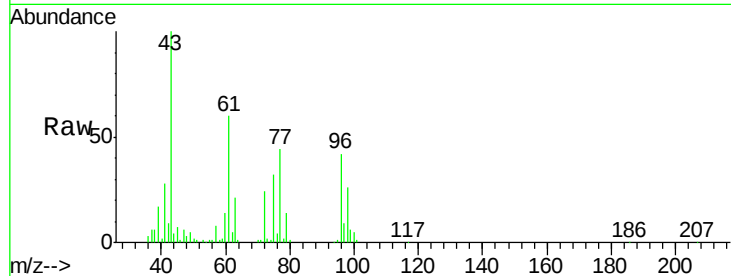
72 23.6 20.2 30.4

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#26

2,2-Dichloropropane

Concen: 20.560 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003690.D

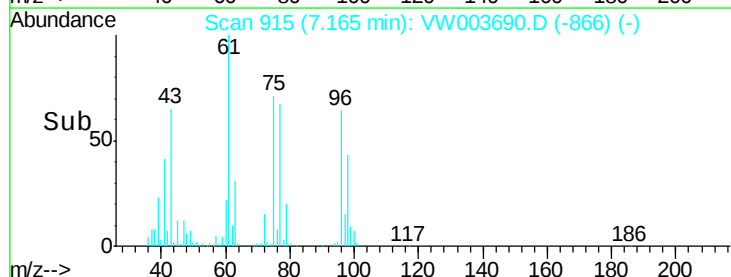
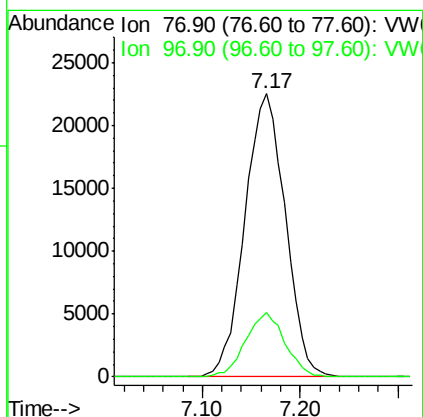
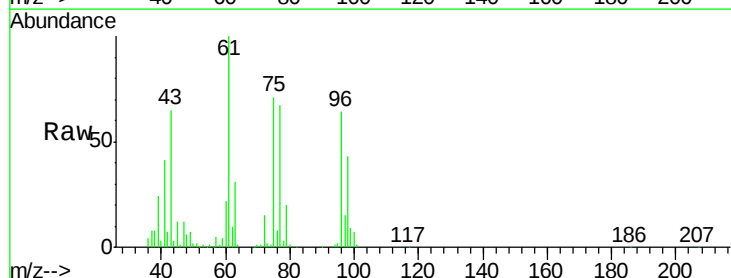
Acq: 03 Jul 2018 11:29

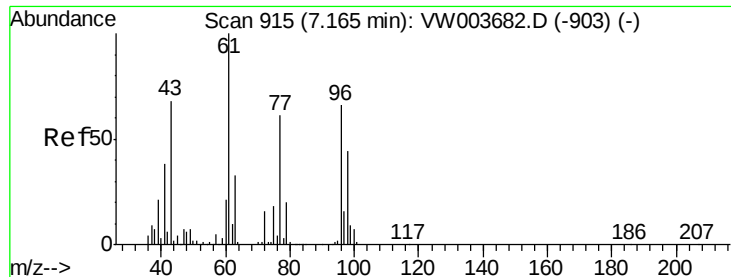
Tgt Ion: 77 Resp: 64695

Ion Ratio Lower Upper

77 100

97 22.1 11.7 35.1





#27

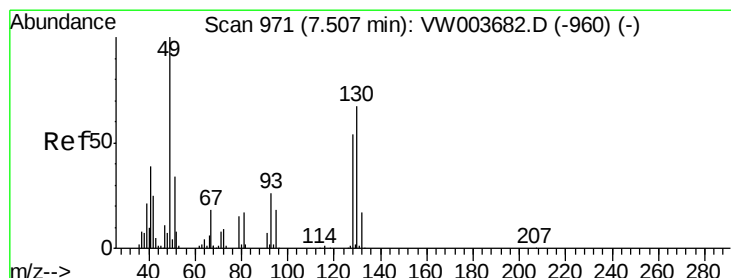
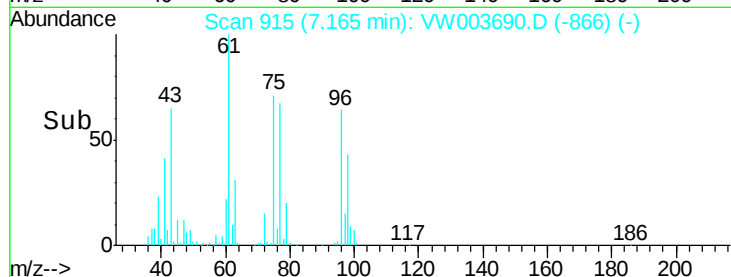
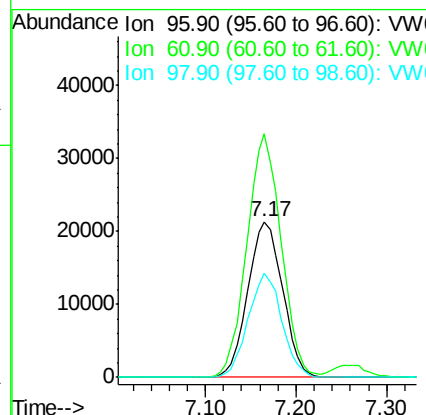
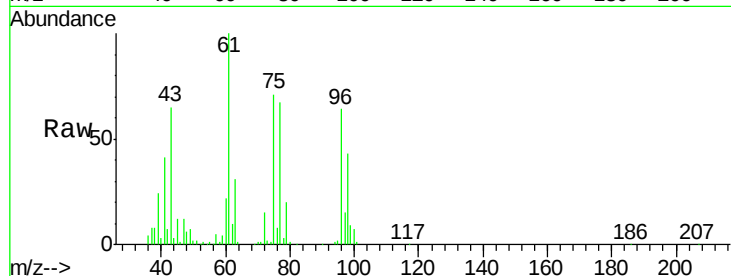
cis-1,2-Dichloroethene
Concen: 19.393 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	305.0
98	64.6	0.0	129.6

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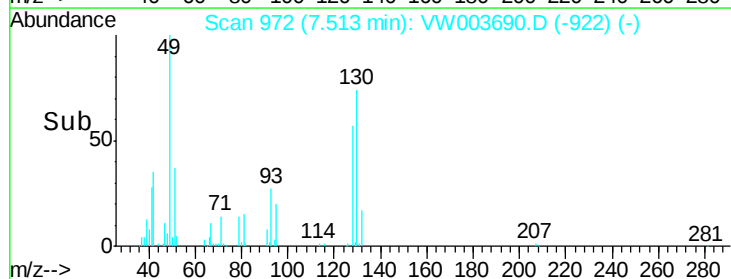
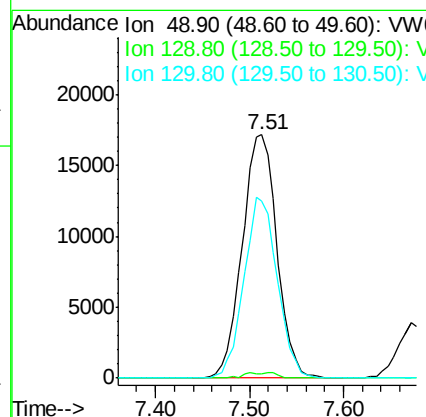
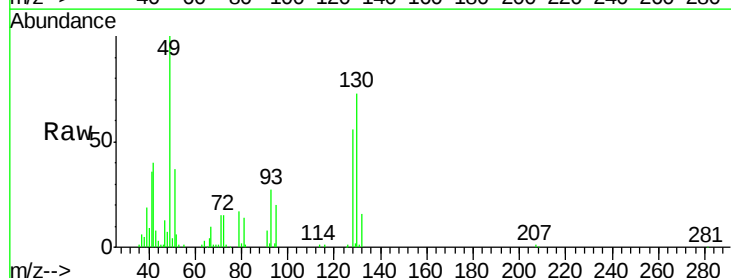
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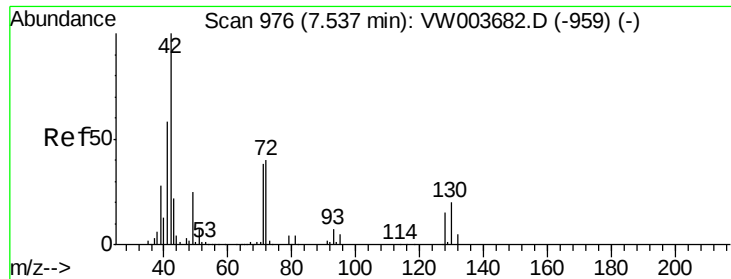


#28

Bromochloromethane
Concen: 19.596 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.0
130	71.5	57.0	85.6





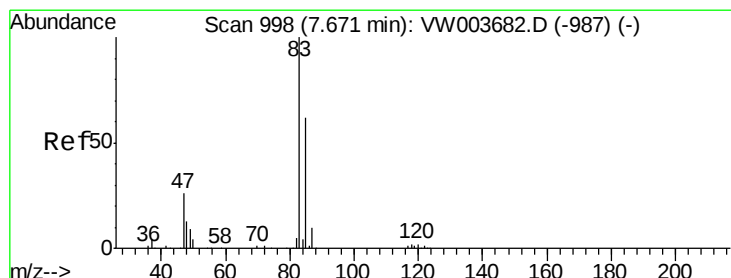
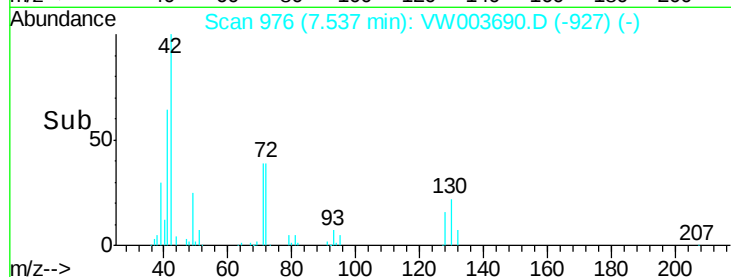
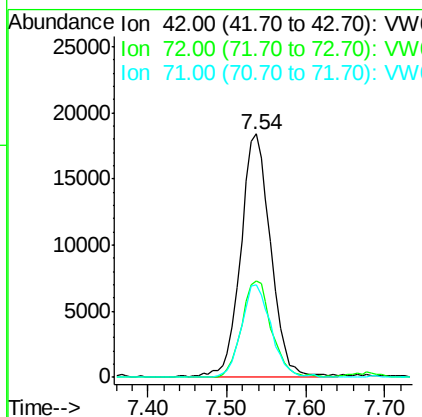
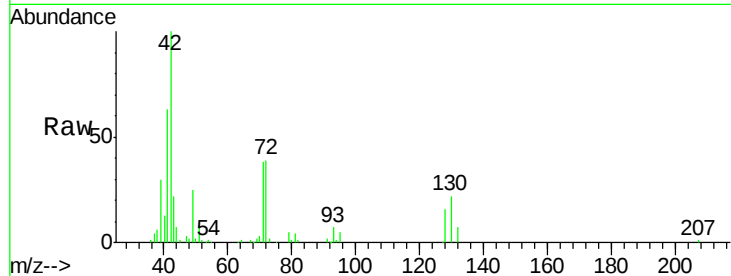
#29
Tetrahydrofuran
Concen: 87.084 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	32.0	48.0
71	37.5	30.2	45.2

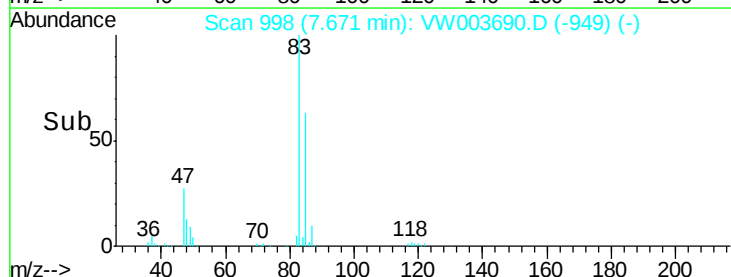
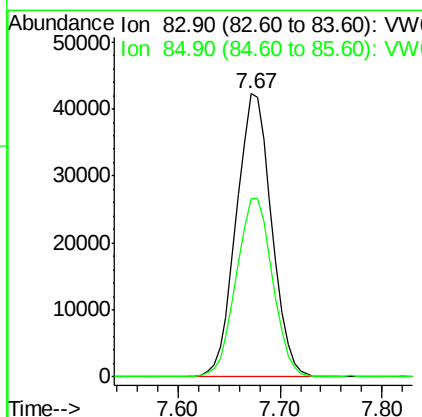
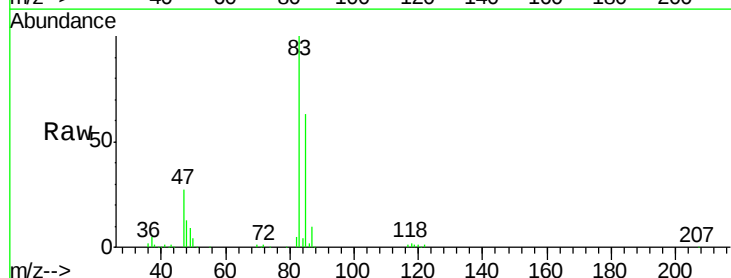
Manual Integrations
APPROVED

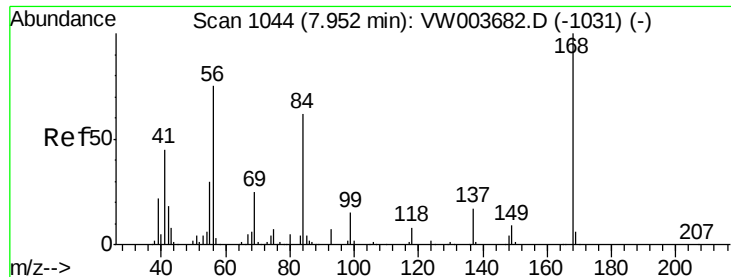
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#30
Chloroform
Concen: 19.631 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	49.7	74.5





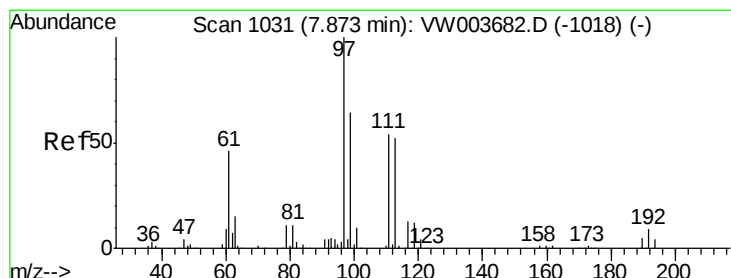
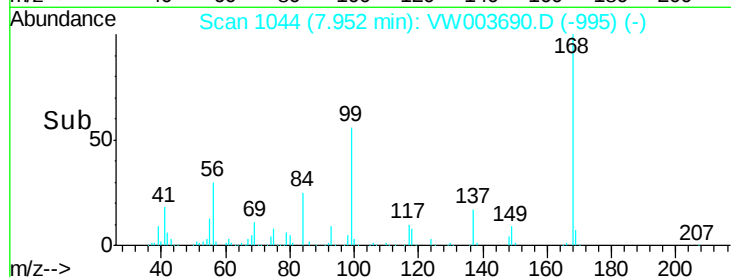
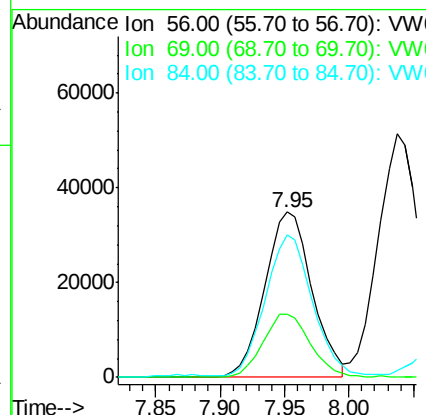
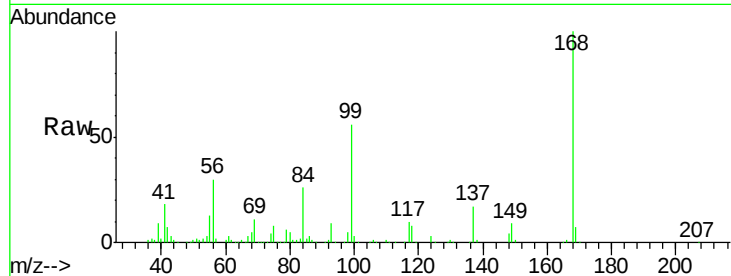
#31
Cyclohexane
Concen: 19.027 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.1	27.0	40.4
84	84.7	65.4	98.0

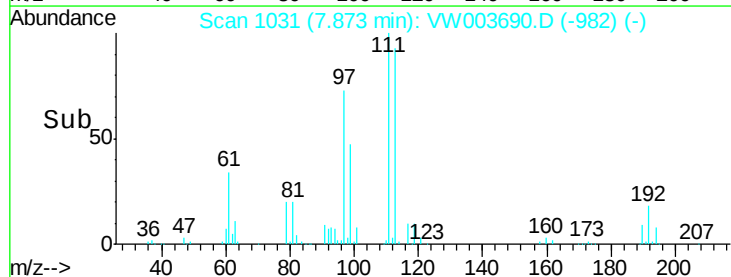
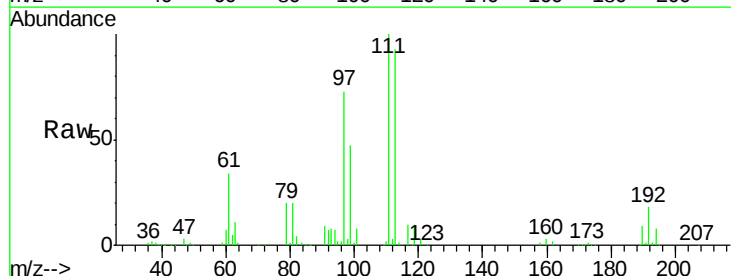
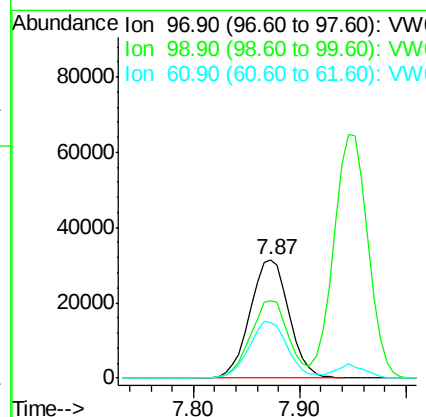
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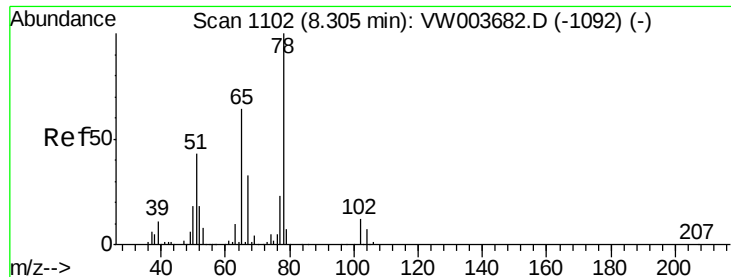
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#32
1,1,1-Trichloroethane
Concen: 19.902 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.6	76.0
61	47.9	37.2	55.8





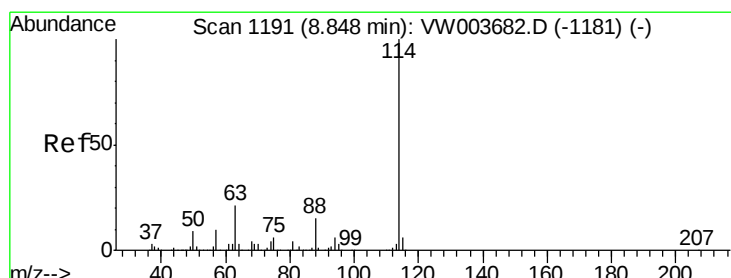
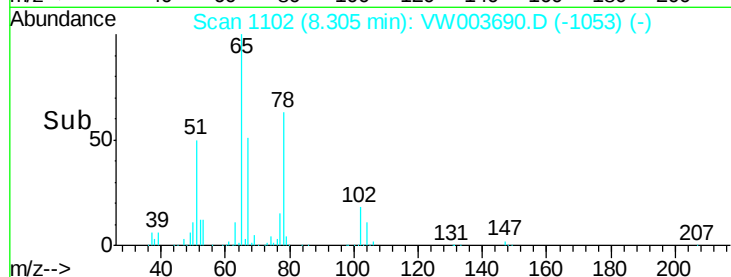
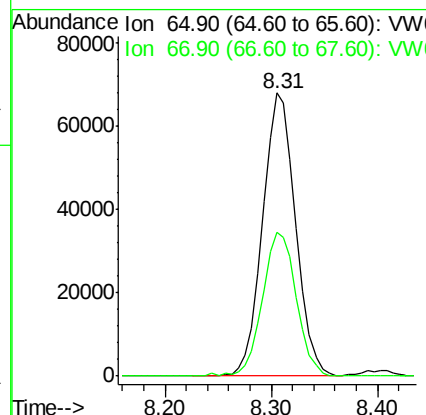
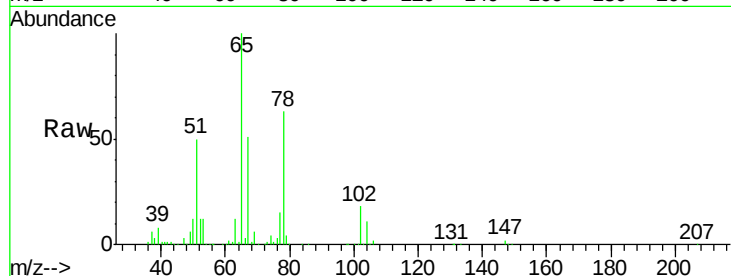
#33
 1,2-Dichloroethane-d4
 Concen: 48.120 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	104.0	

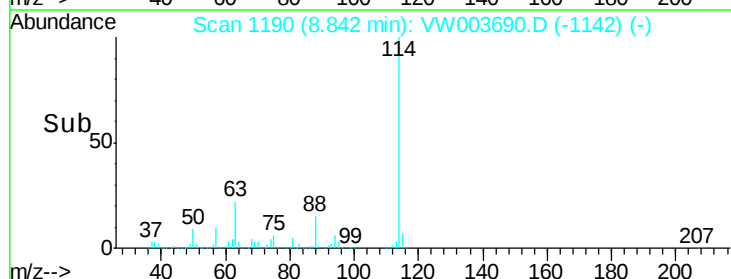
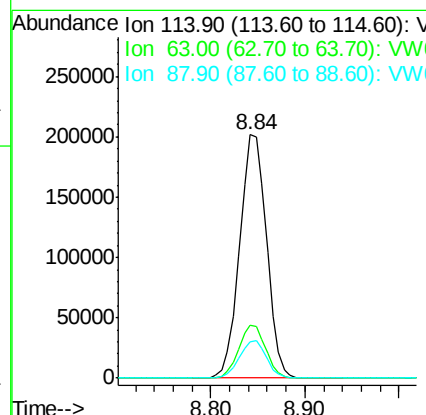
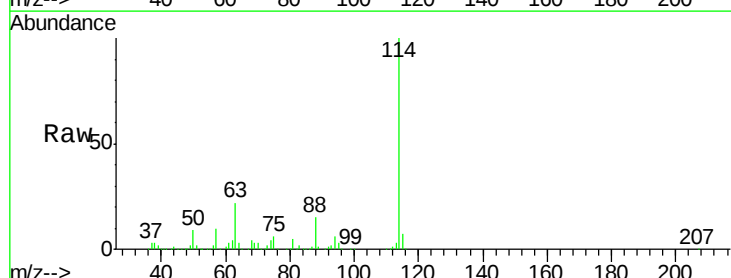
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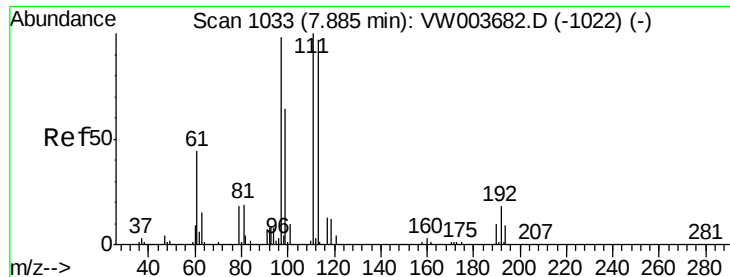
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	41.6	
88	15.1	0.0	29.8	





#35

Dibromofluoromethane

Concen: 49.246 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

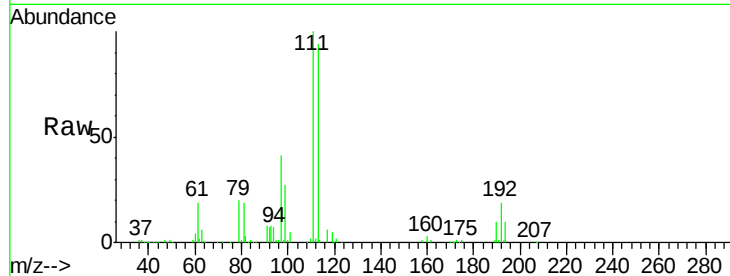
ClientSampleId :

VW0703SBS01

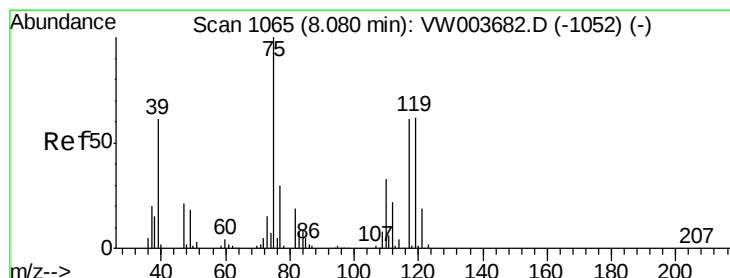
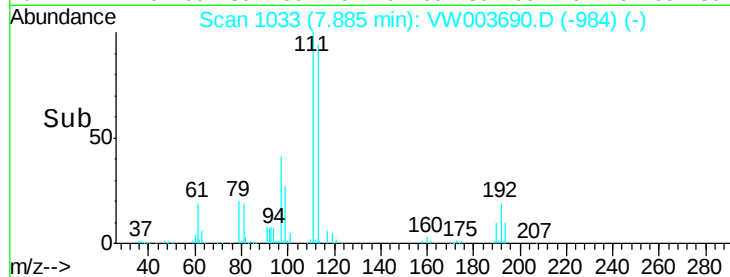
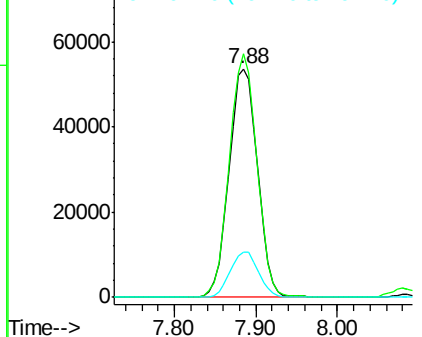
Tot Ion:	113	Resp:	128777
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.4	123.6
192	19.8	15.8	23.6

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.543 ug/l

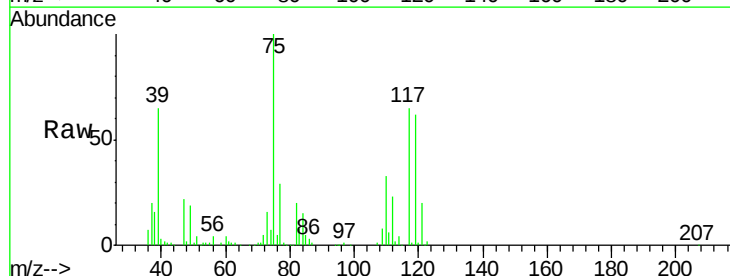
RT: 8.08 min Scan# 1065

Delta R.T. 0.00 min

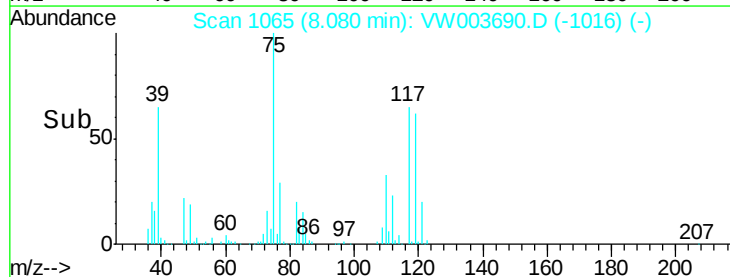
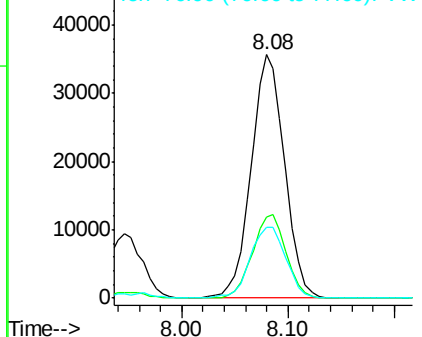
Lab File: VW003690.D

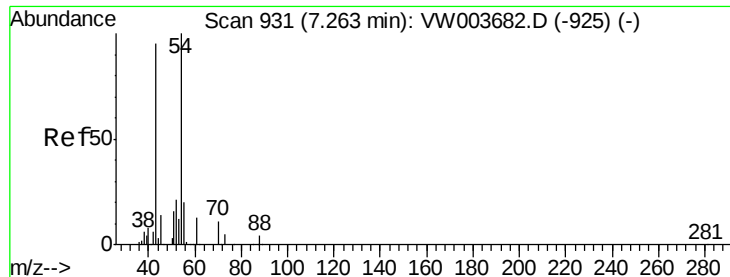
Acq: 03 Jul 2018 11:29

Tgt Ion:	75	Resp:	78658
Ion Ratio	Lower	Upper	
75	100		
110	34.4	16.9	50.6
77	31.6	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





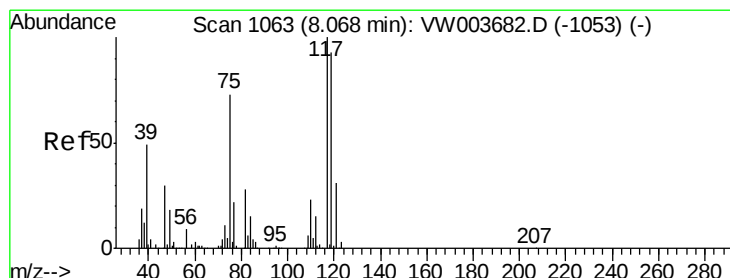
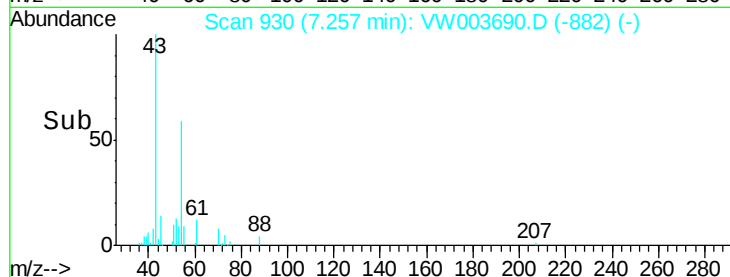
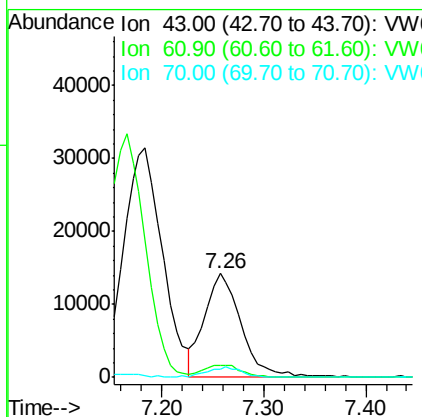
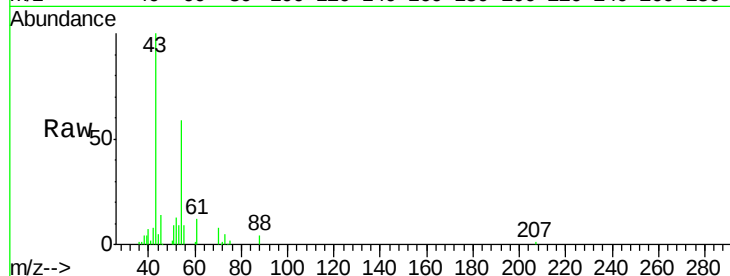
#37
Ethyl Acetate
Concen: 17.961 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.5	15.7
70	9.7	7.7	11.5

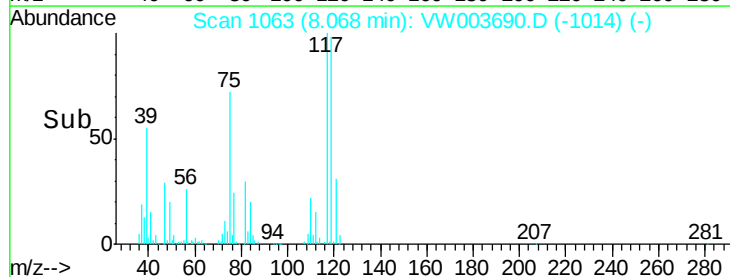
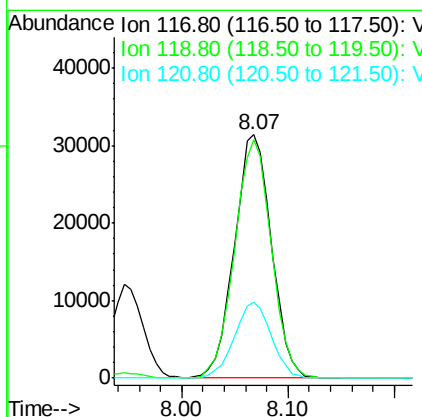
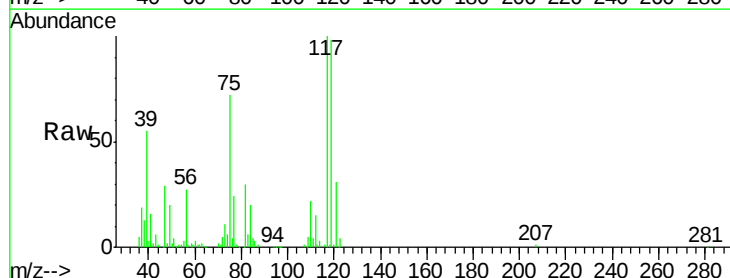
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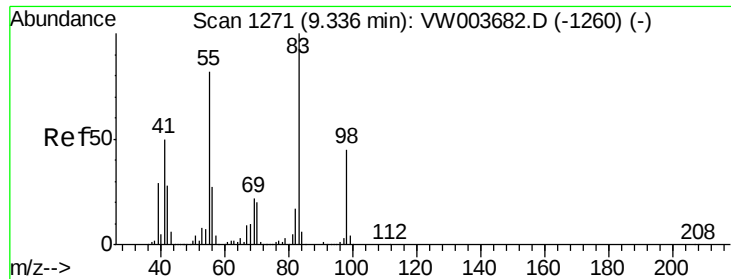
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#38
Carbon Tetrachloride
Concen: 20.062 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	74.1	111.1
121	31.4	25.0	37.4





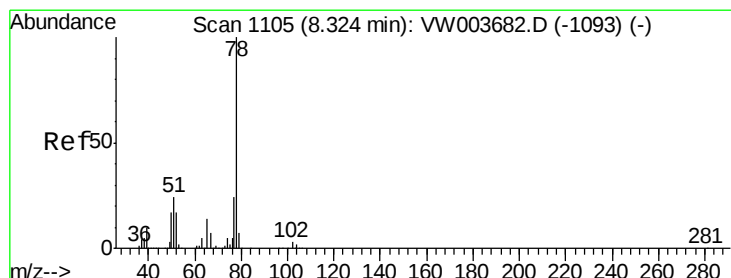
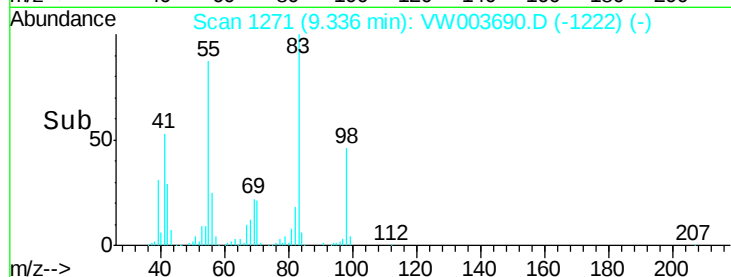
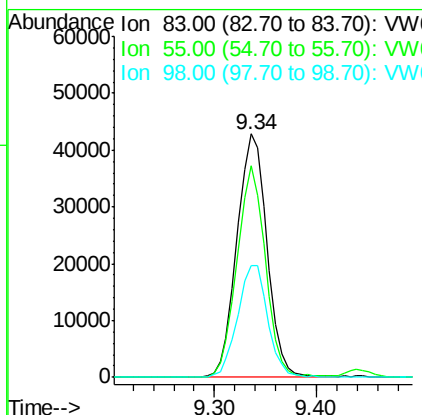
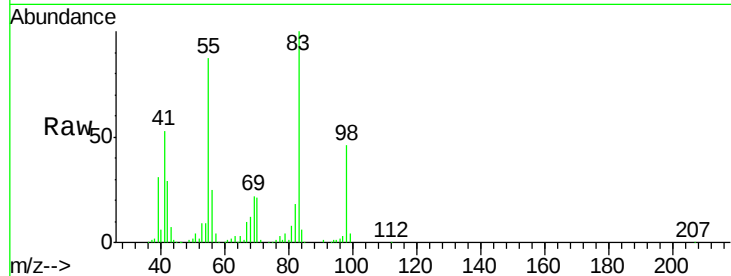
#39
Methvlcvclohexane
Concen: 18.996 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	86.9	65.3	97.9	
98	45.8	36.3	54.5	

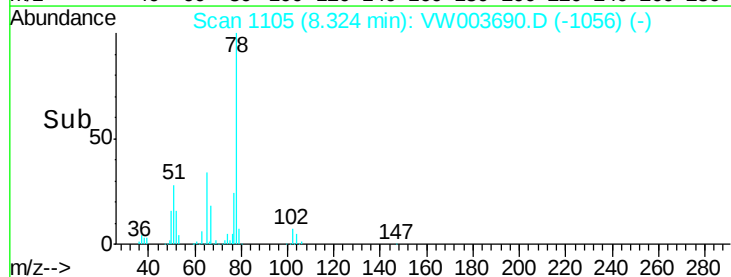
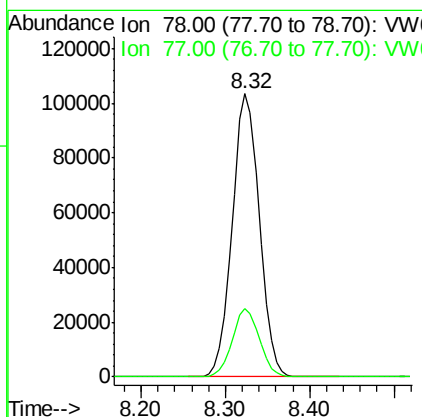
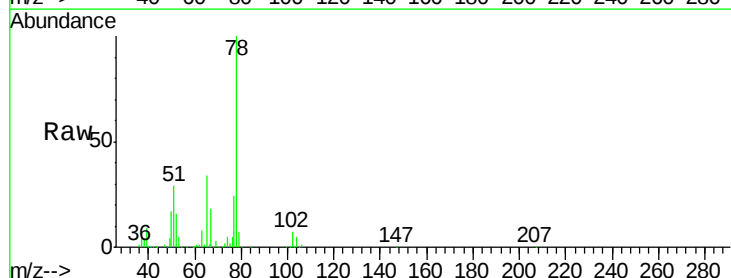
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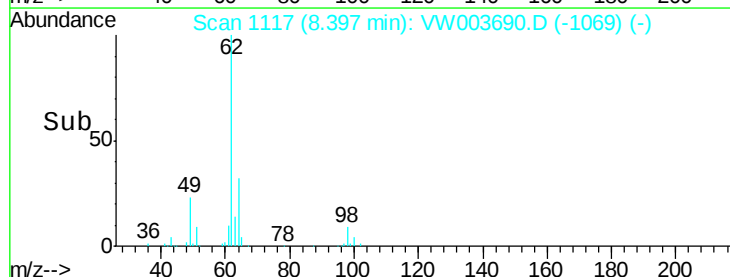
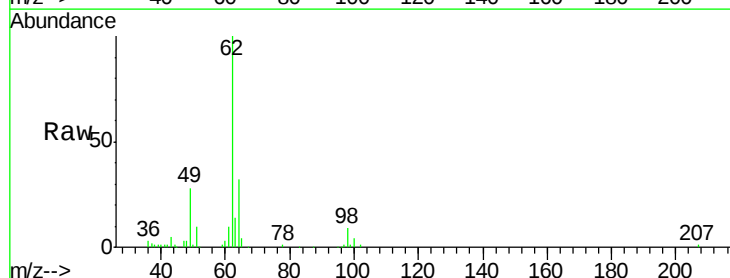
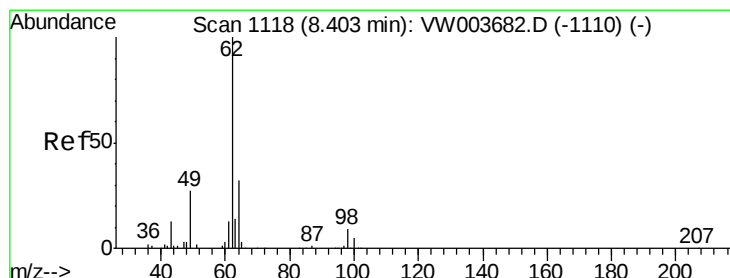
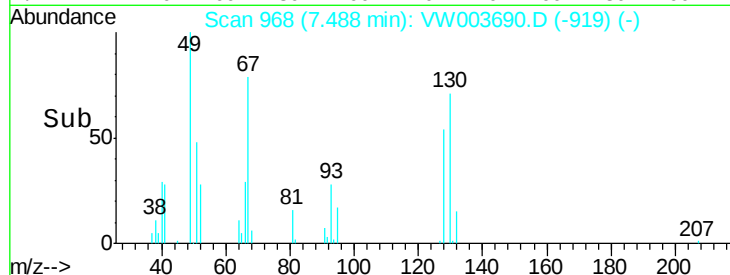
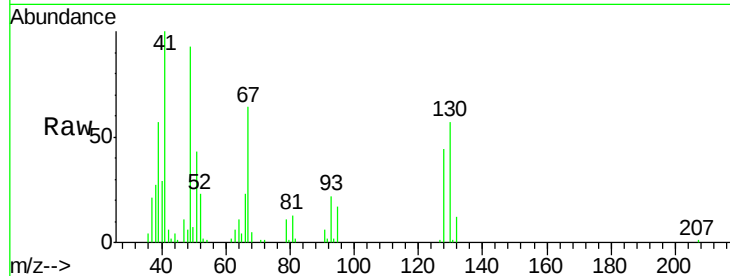
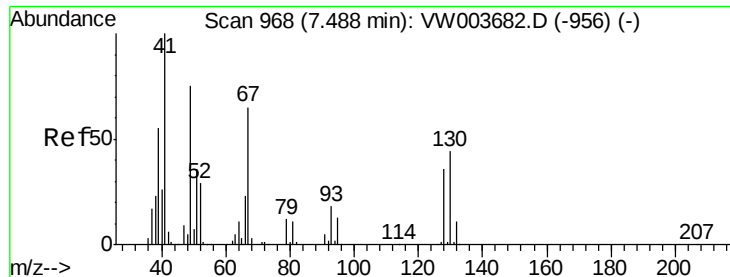
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#40
Benzene
Concen: 19.846 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

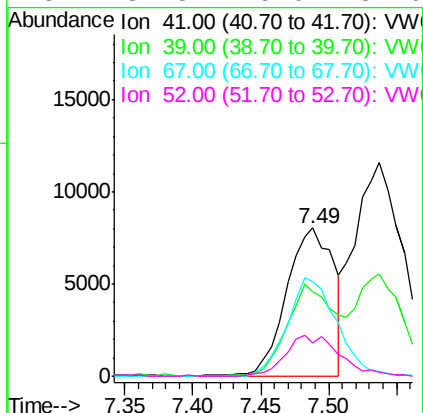
Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.1	19.4	29.0	





#41
Methacrylonitrile
Concen: 17.387 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tot Ion	41	Resp	19361
Ion Ratio	Lower	Upper	
41	100		
39	64.7	47.8	71.8
67	69.8	53.9	80.9
52	31.8	25.0	37.6



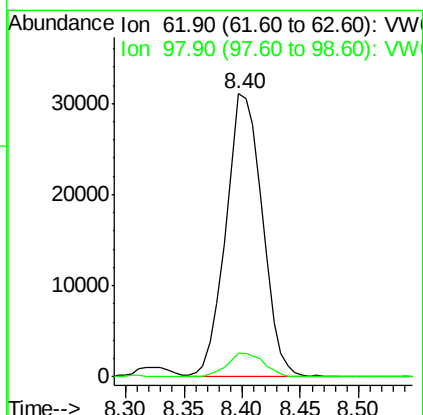
Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

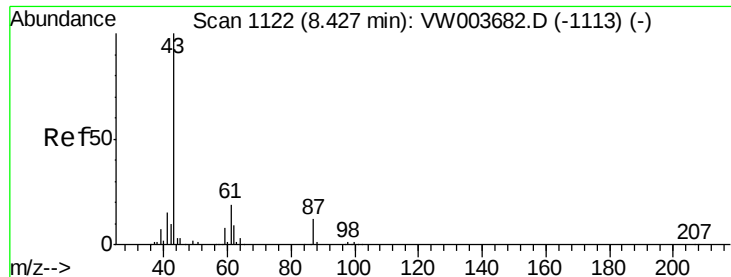
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 19.013 ug/l
RT: 8.40 min Scan# 1117
Delta R.T. -0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	62	Resp	67722
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	17.2





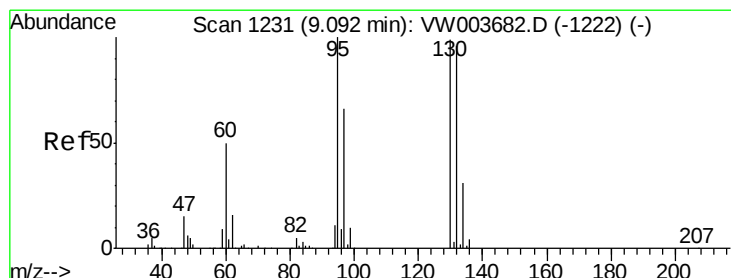
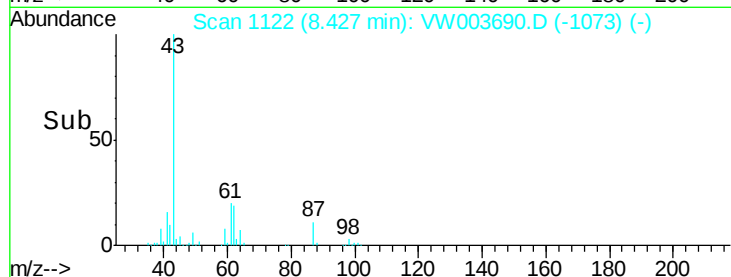
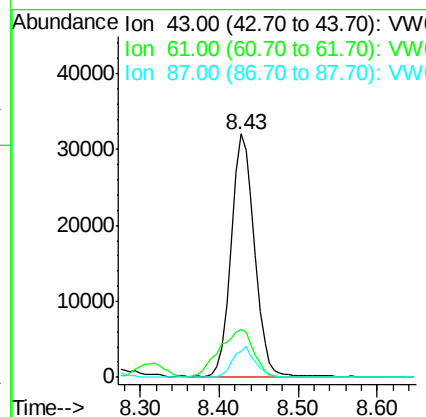
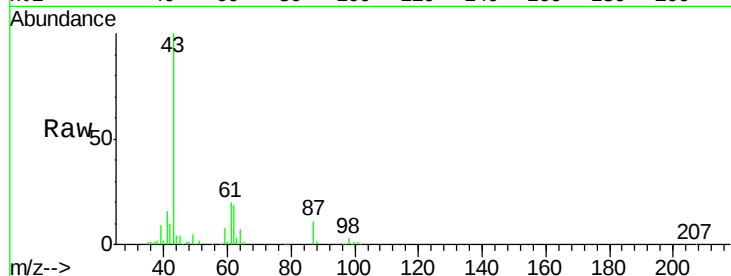
#43
Isopropyl Acetate
Concen: 17.807 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.0	34.6
87	11.9	9.8	14.6

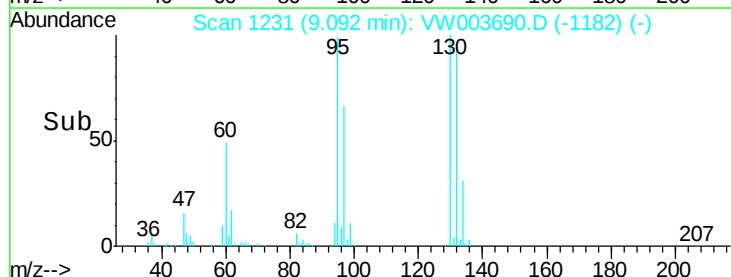
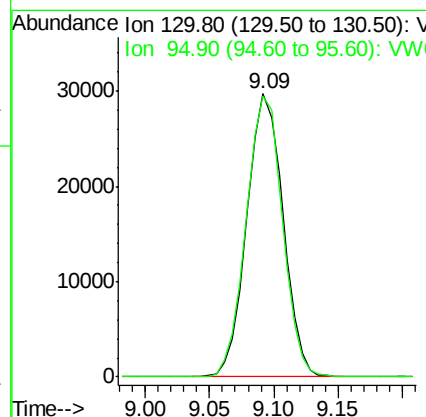
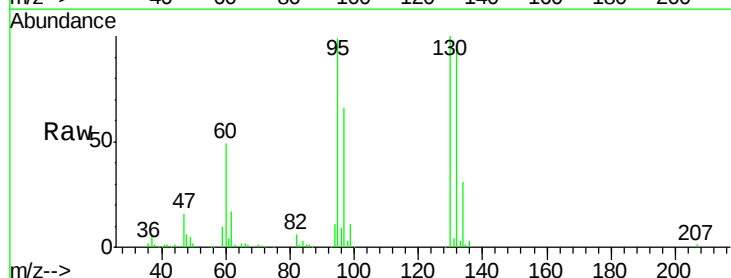
Manual Integrations
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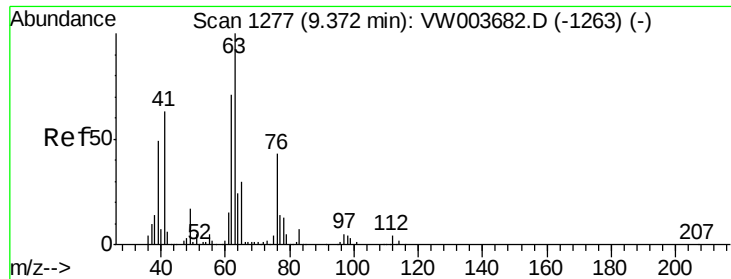
apatel
7/5/2018 11:11:58 AM



#44
Trichloroethene
Concen: 19.790 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	202.6





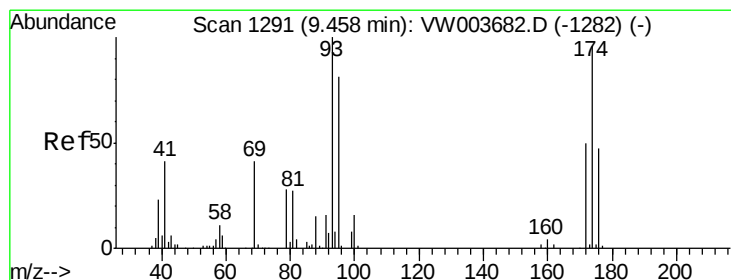
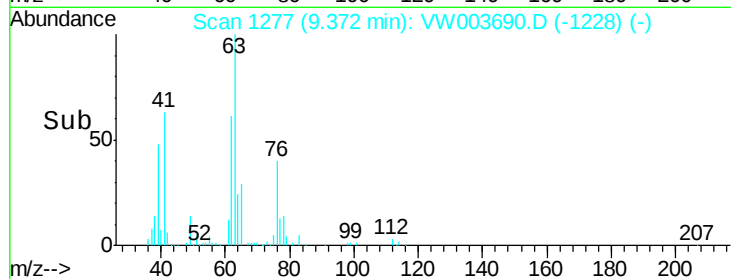
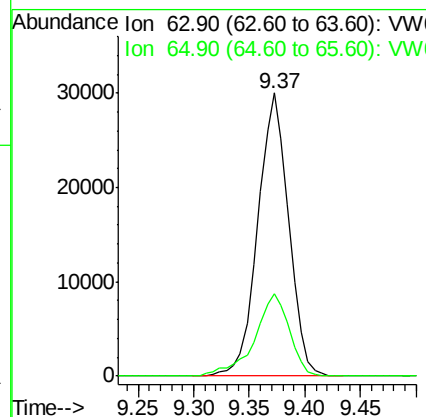
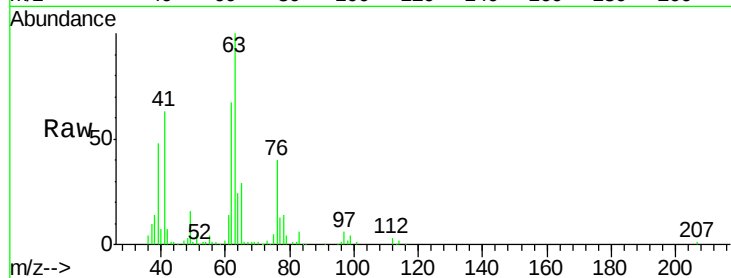
#45
 1,2-Dichloropropane
 Concen: 19.787 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampled :
 VW0703SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.2	24.3	36.5

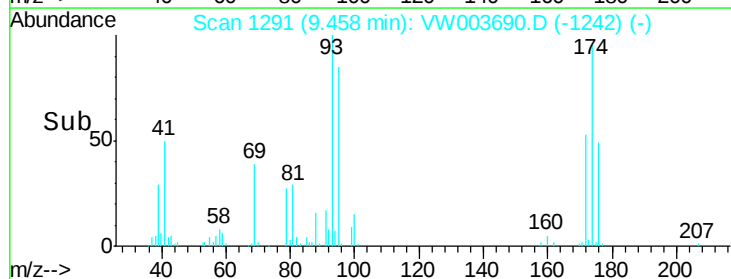
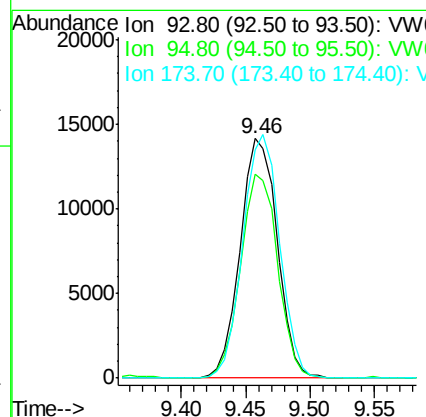
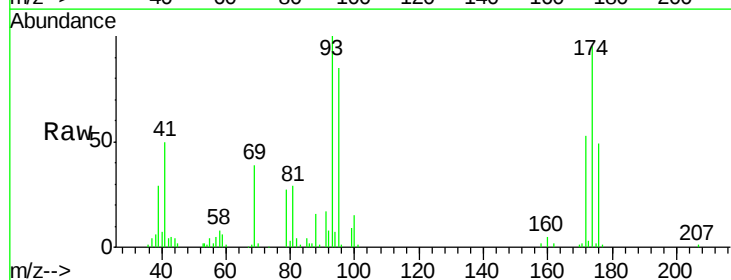
Manual Integrations
 APPROVED

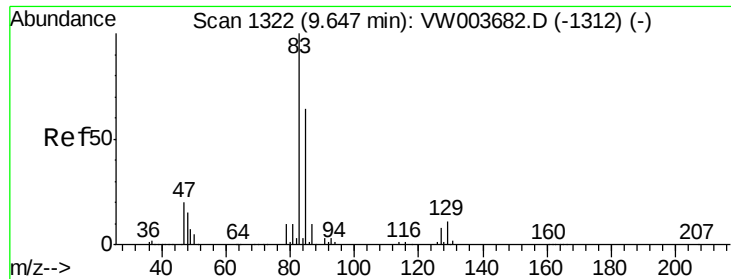
apatel
 7/5/2018 11:11:58 AM



#46
 Dibromomethane
 Concen: 18.567 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	66.2	99.4
174	100.5	79.6	119.4





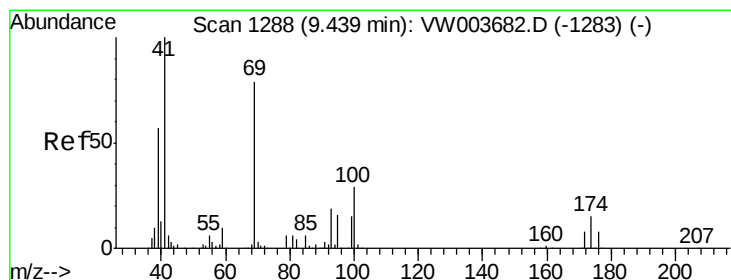
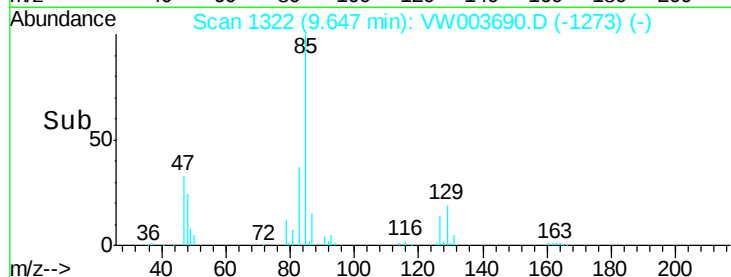
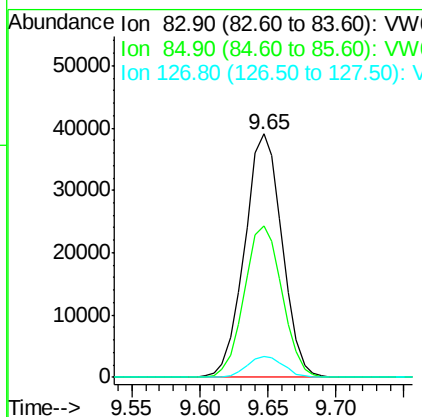
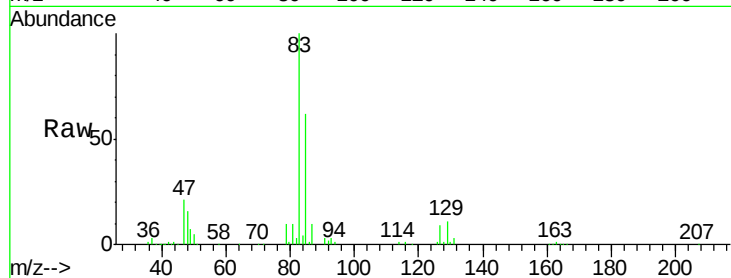
#47
Bromodichloromethane
Concen: 19.957 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.1	76.7
127	8.6	6.5	9.7

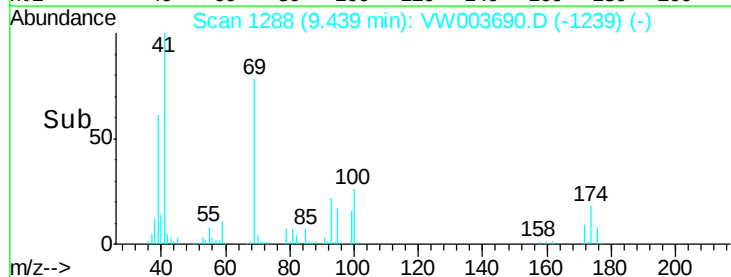
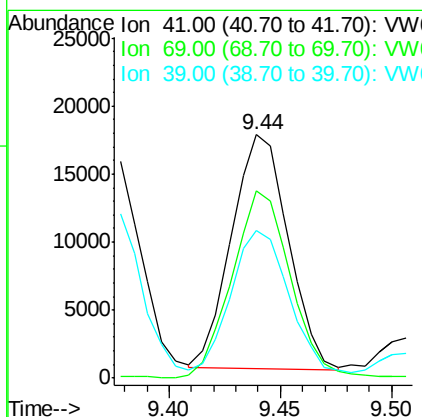
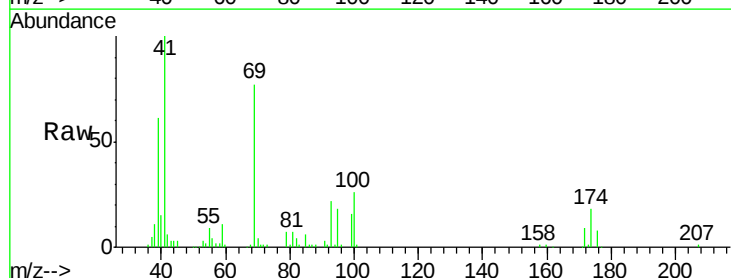
Manual Integrations
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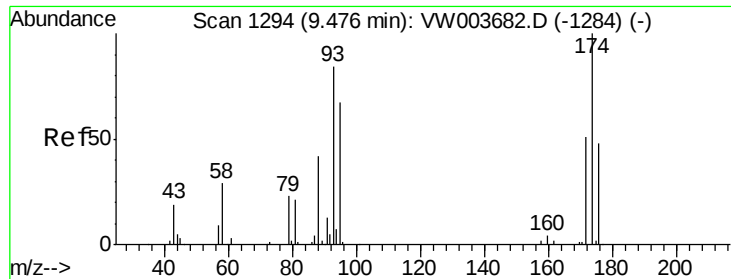
apatel
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#48
Methyl methacrylate
Concen: 17.938 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.6	65.4	98.2
39	66.6	50.0	75.0





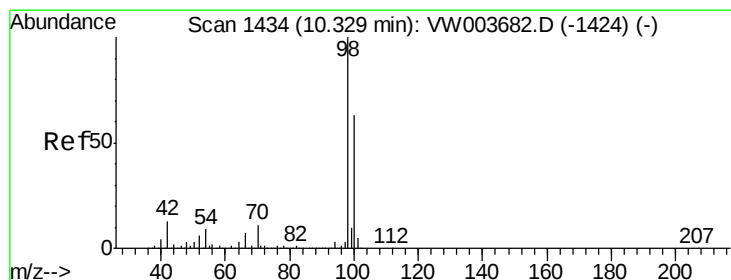
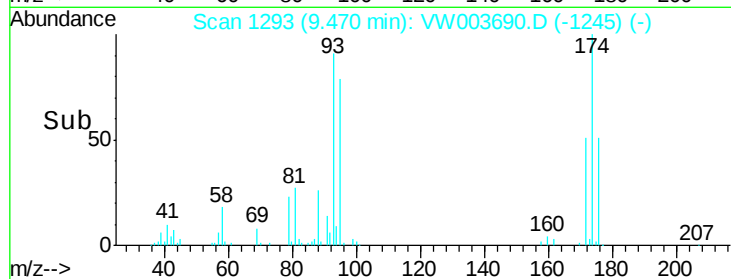
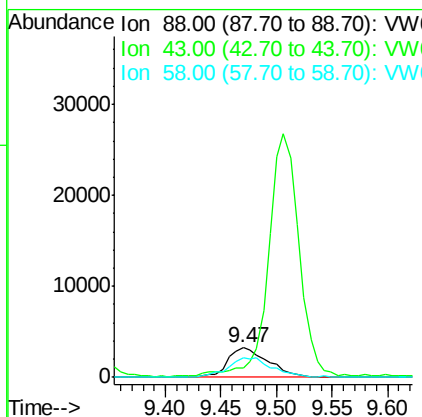
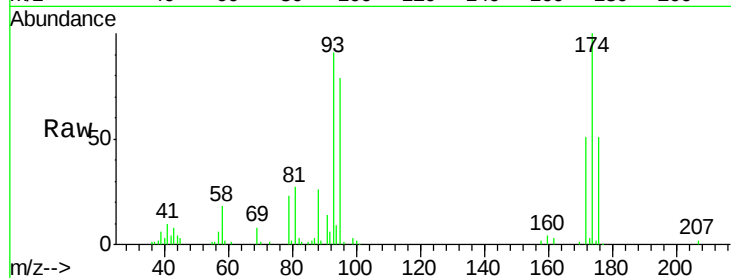
#49
1,4-Dioxane
Concen: 345.751 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.5	61.8	92.6

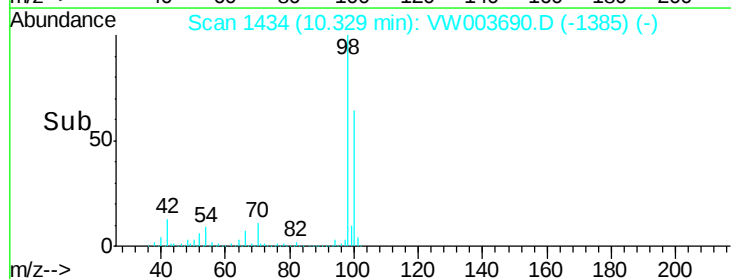
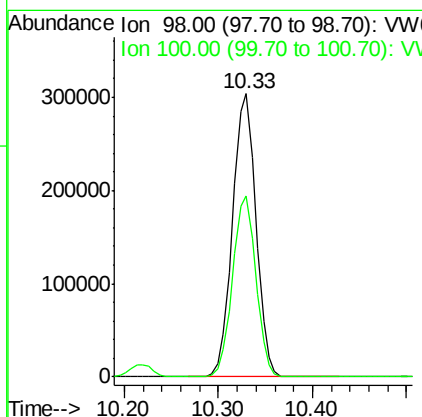
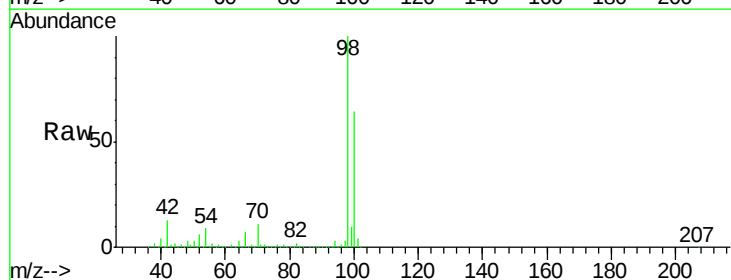
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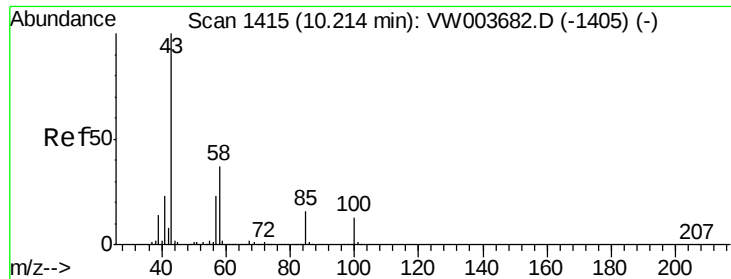
apatel
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#50
Toluene-d8
Concen: 51.178 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 90.958 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampled :

VW0703SBS01

Tot Ion: 43 Resp: 176848

Ion Ratio Lower Upper

43 100

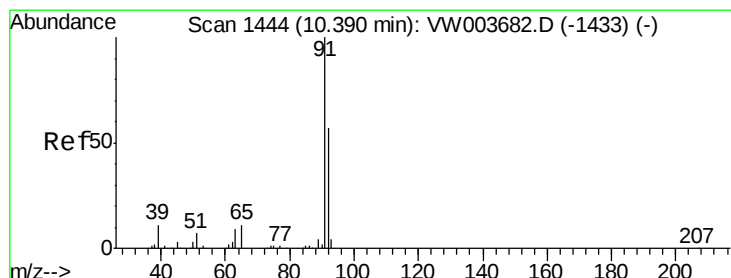
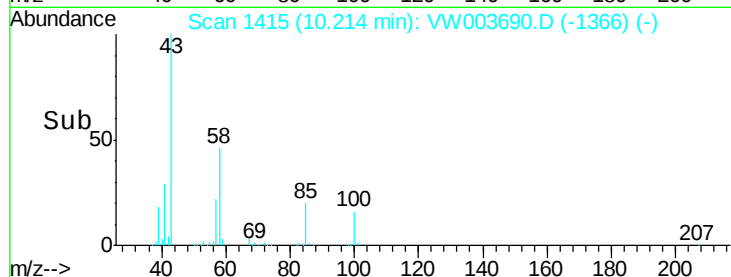
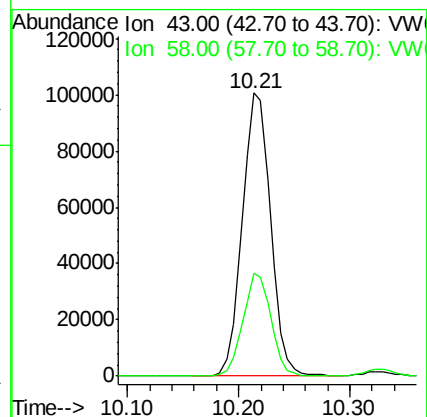
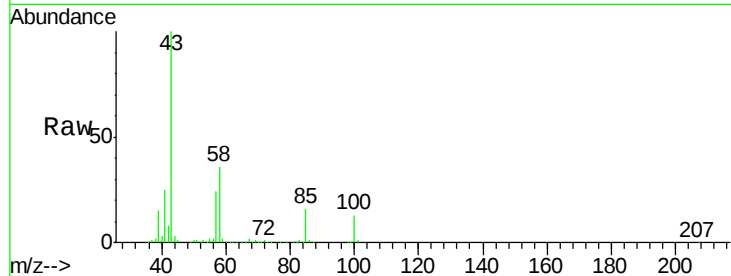
58 35.9 29.6 44.4

Manual Integrations

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#52

Toluene

Concen: 20.070 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003690.D

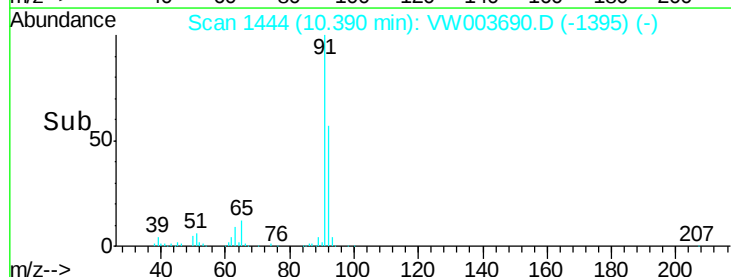
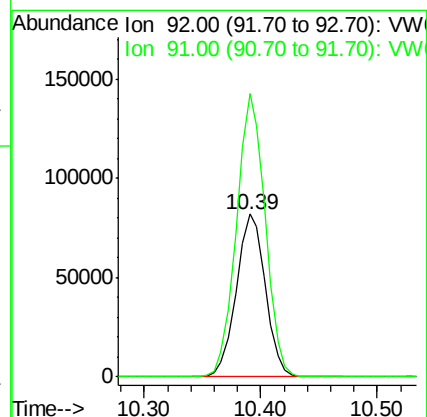
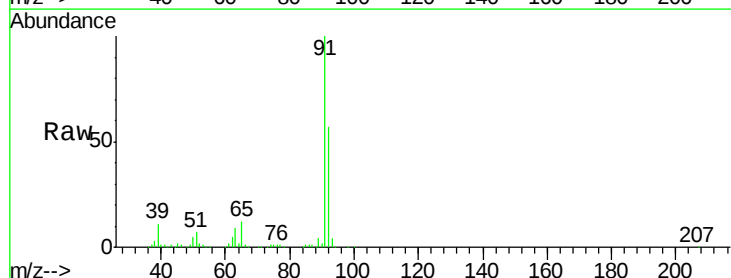
Acq: 03 Jul 2018 11:29

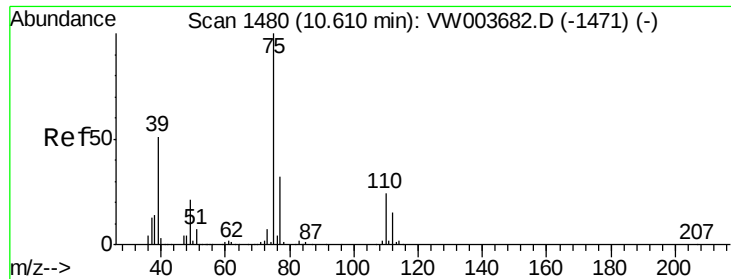
Tgt Ion: 92 Resp: 141683

Ion Ratio Lower Upper

92 100

91 172.7 140.2 210.2





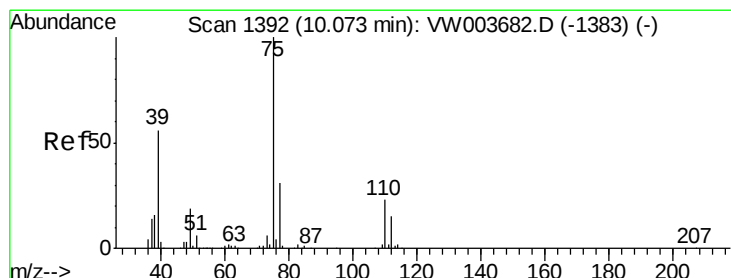
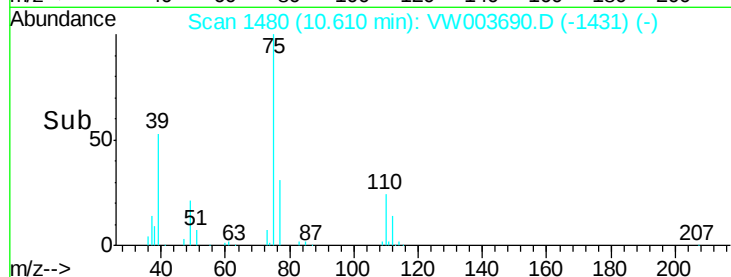
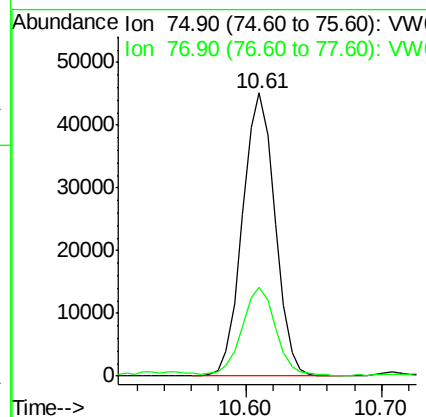
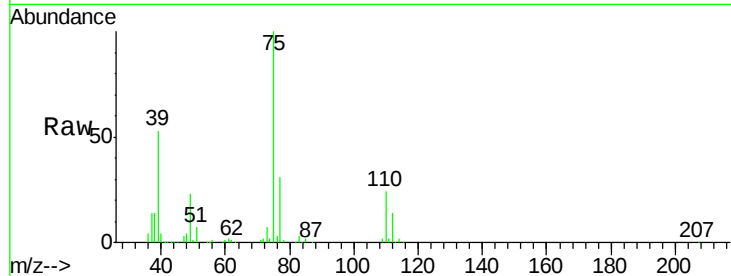
#53
t-1,3-Dichloropropene
Concen: 19.350 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.5	38.3

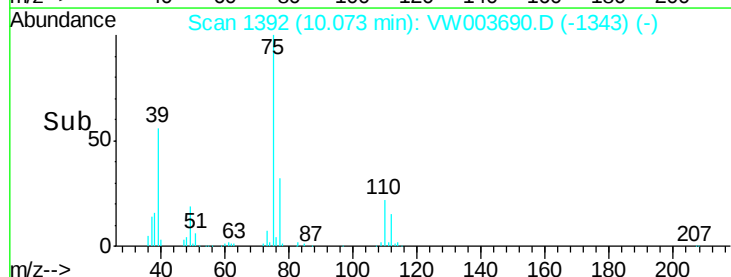
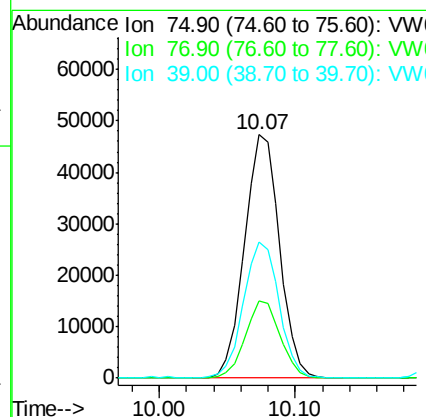
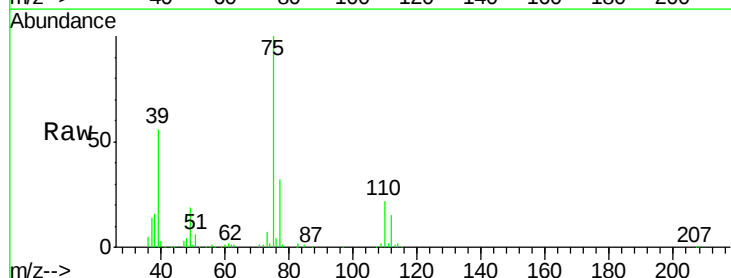
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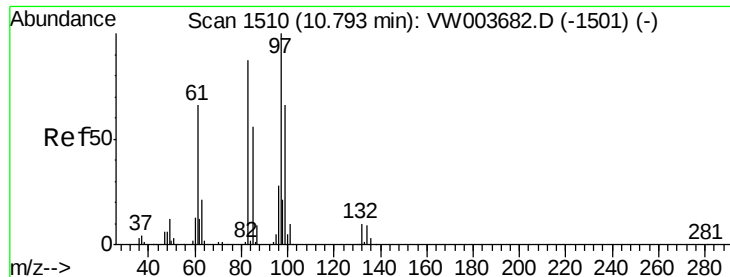
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#54
cis-1,3-Dichloropropene
Concen: 19.228 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.9	37.3
39	55.8	44.6	67.0





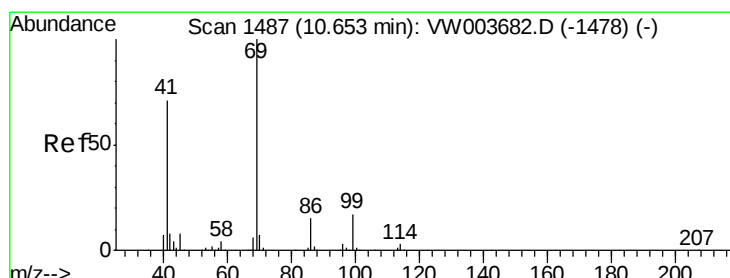
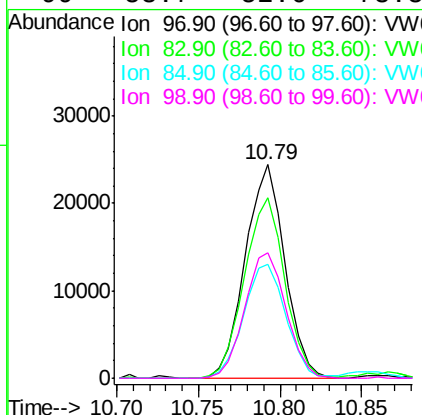
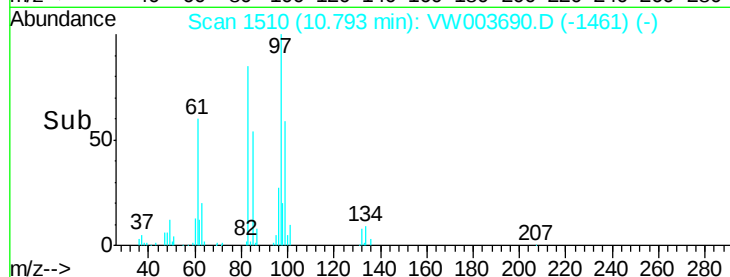
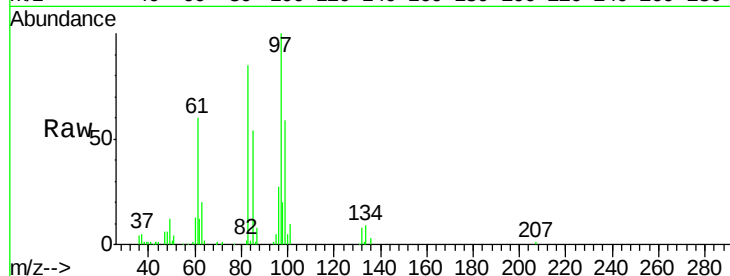
#55
 1,1,2-Trichloroethane
 Concen: 19.228 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Tot Ion:	97	Resp:	41285
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.5	104.3
85	53.5	44.7	67.1
99	58.7	52.6	78.8

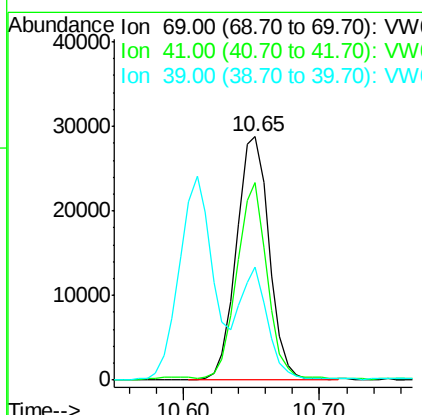
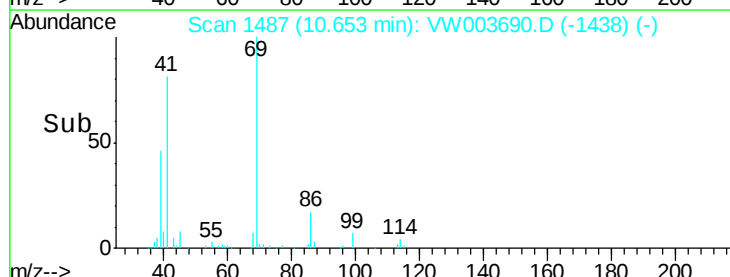
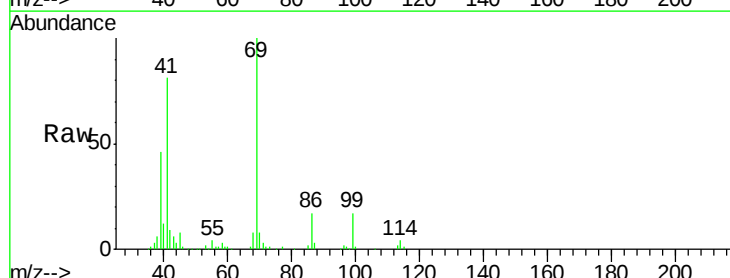
Manual Integrations
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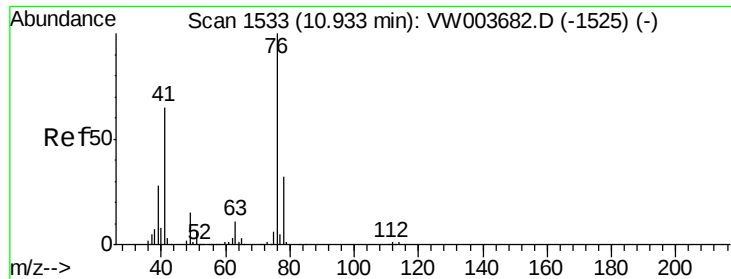
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#56
 Ethyl methacrylate
 Concen: 18.330 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion:	69	Resp:	48399
Ion	Ratio	Lower	Upper
69	100		
41	74.7	57.5	86.3
39	38.5	29.4	44.0





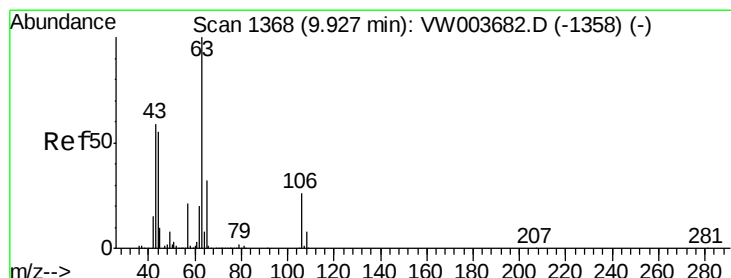
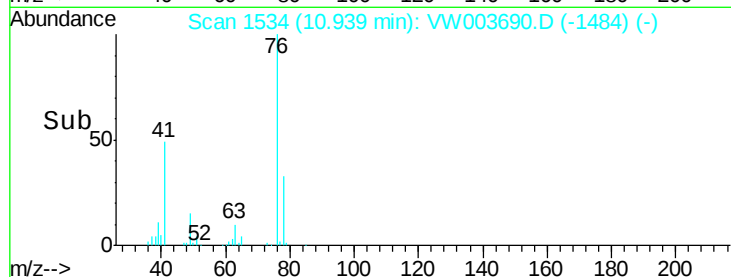
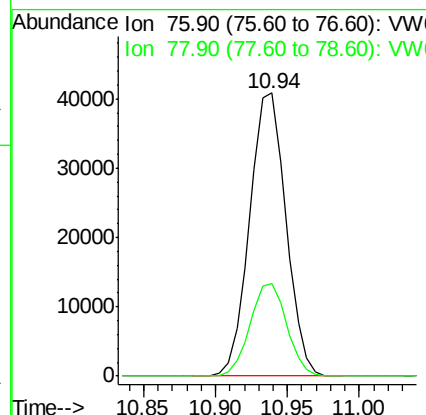
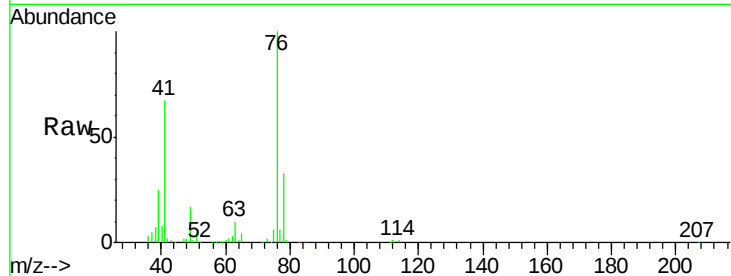
#57
 1,3-Dichloropropane
 Concen: 19.101 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Tot Ion: 76 Resp: 71247
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.6 38.4

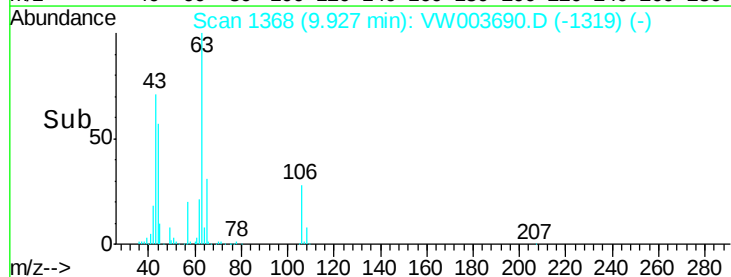
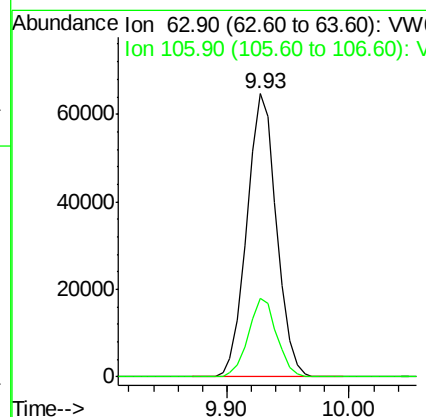
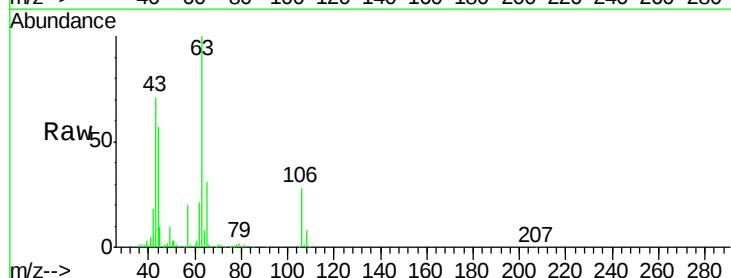
Manual Integrations
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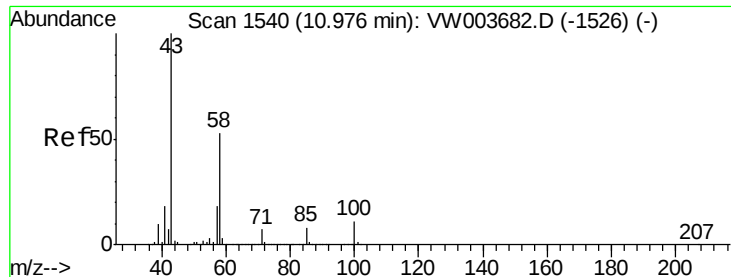
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 94.711 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion: 63 Resp: 108696
 Ion Ratio Lower Upper
 63 100
 106 26.6 20.7 31.1





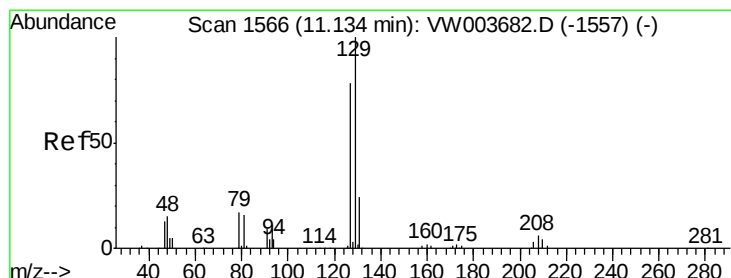
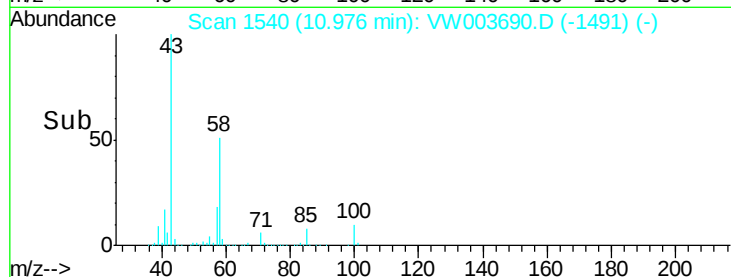
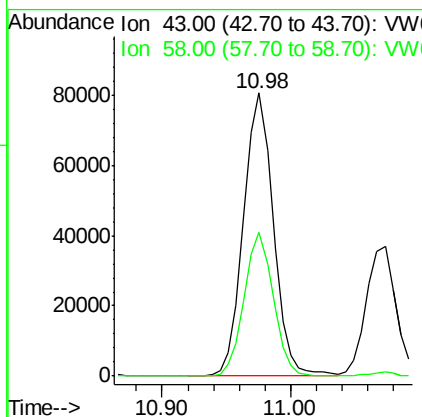
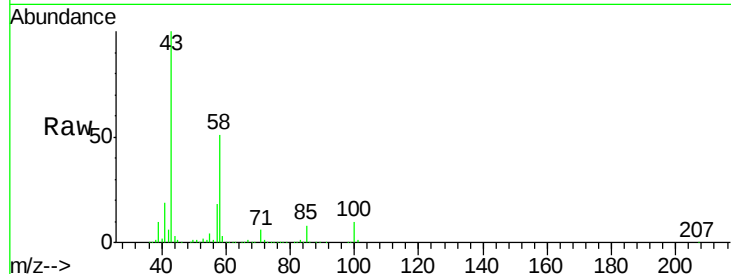
#59
2-Hexanone
Concen: 93.161 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion: 43 Resp: 129479
Ion Ratio Lower Upper
43 100
58 49.3 25.9 77.6

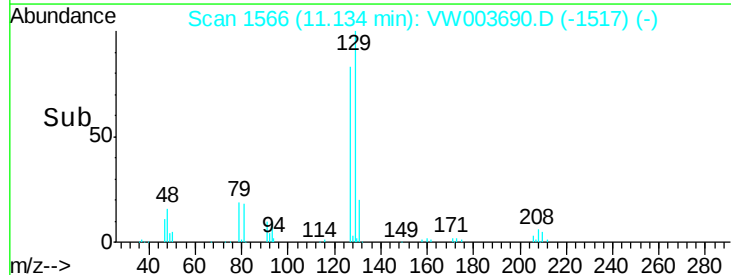
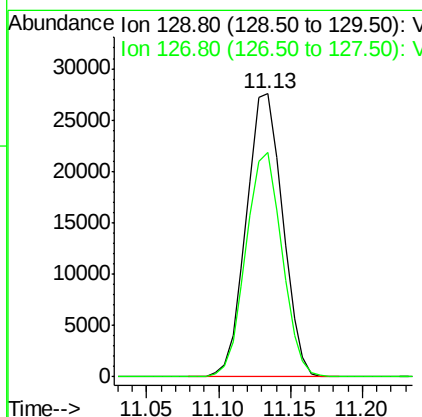
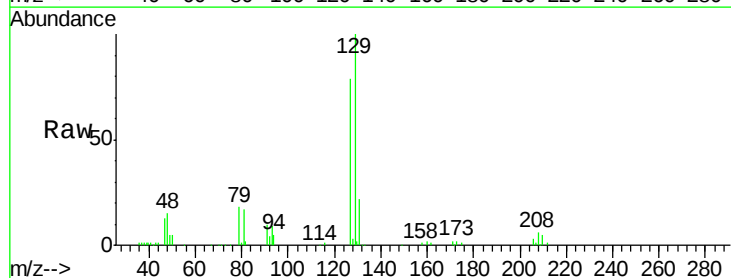
Manual Integrations
APPROVED

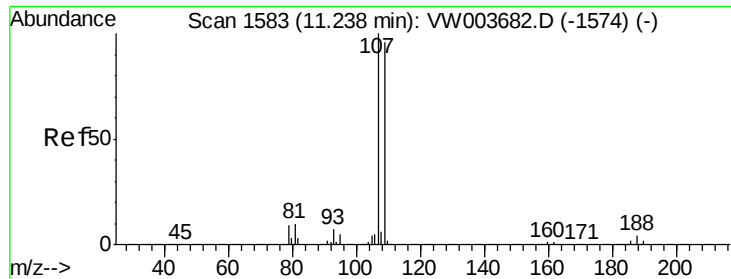
apatel
7/5/2018 11:11:58 AM



#60
Dibromochloromethane
Concen: 19.267 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 129 Resp: 48360
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2





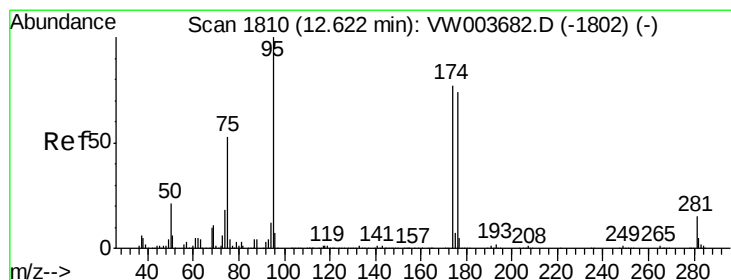
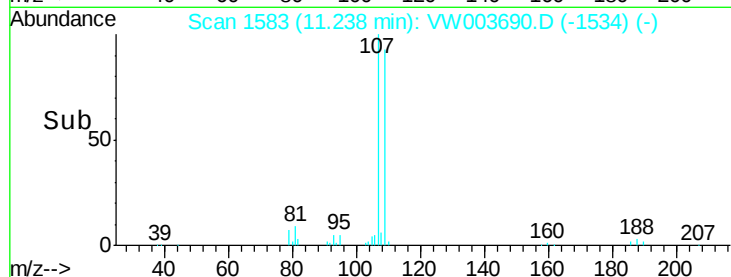
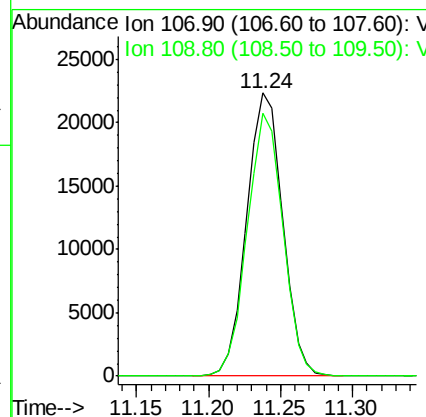
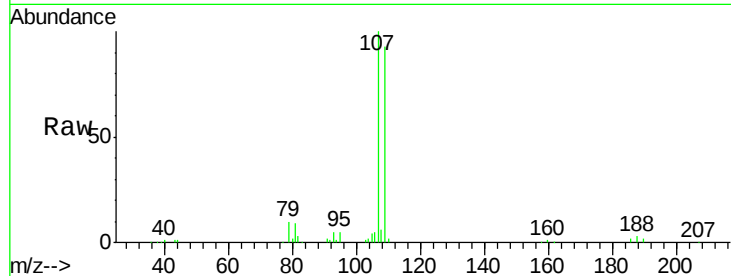
#61
 1,2-Dibromoethane
 Concen: 18.801 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Tot Ion: 107 Resp: 38666
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.6 113.4

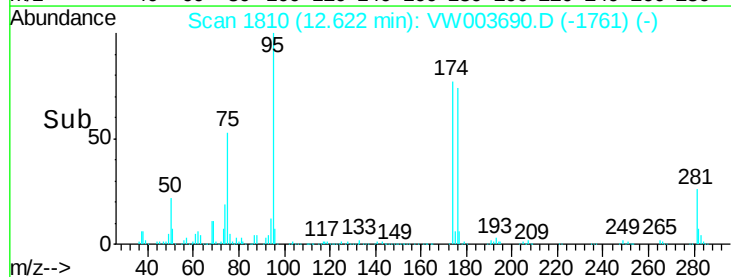
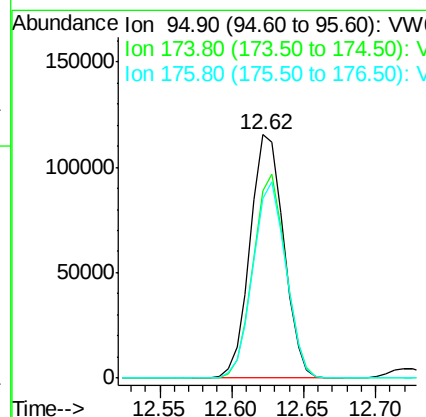
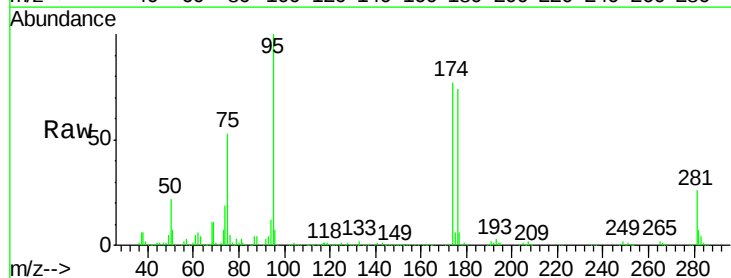
Manual Integrations
 APPROVED

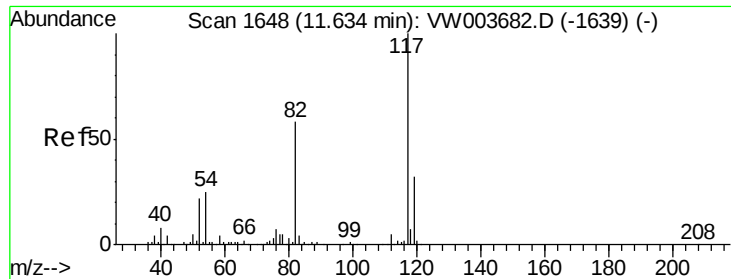
apatel
 7/5/2018 11:11:58 AM



#62
 4-Bromofluorobenzene
 Concen: 50.382 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion: 95 Resp: 185809
 Ion Ratio Lower Upper
 95 100
 174 81.6 0.0 161.2
 176 79.4 0.0 155.0





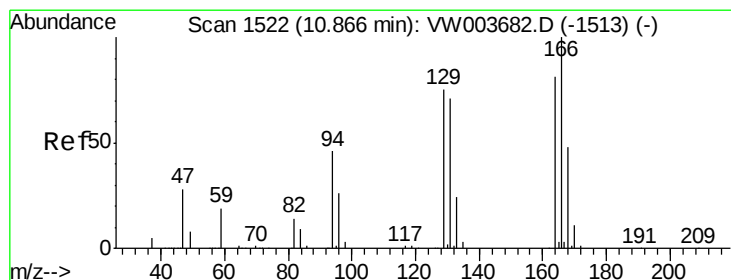
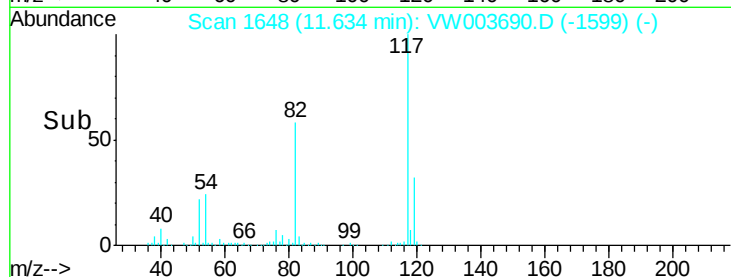
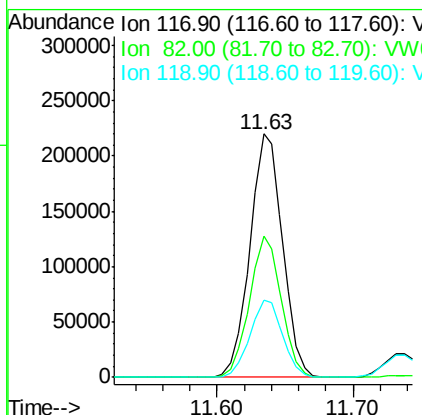
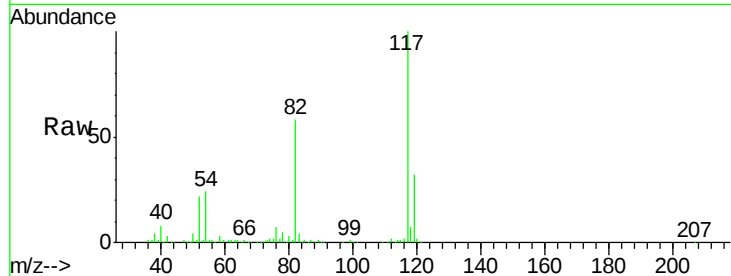
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	369702		
82	57.9	46.0	69.0	
119	31.9	25.4	38.0	

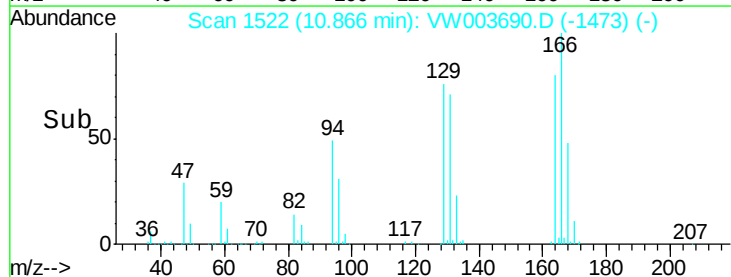
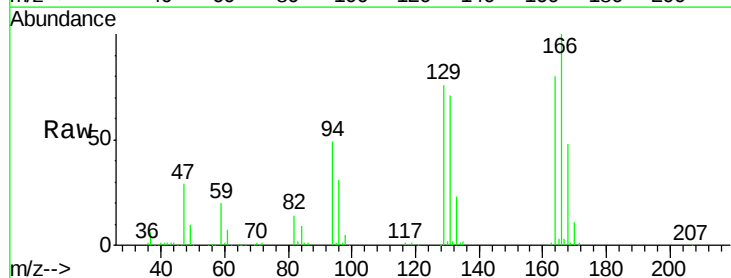
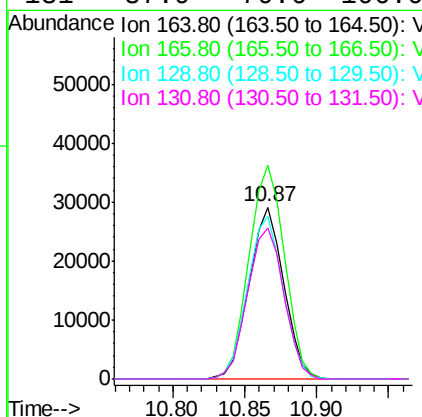
Manual Integrations
APPROVED

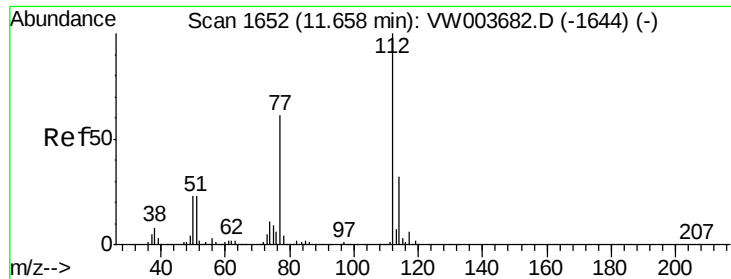
apatel
7/5/2018 11:11:58 AM



#64
Tetrachloroethene
Concen: 19.444 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48587		
166	124.5	99.0	148.4	
129	94.7	73.8	110.6	
131	87.9	70.6	106.0	





#65

Chlorobenzene

Concen: 20.162 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampled :

VW0703SBS01

Tot Ion:112 Resp: 156706

Ion Ratio Lower Upper

112 100

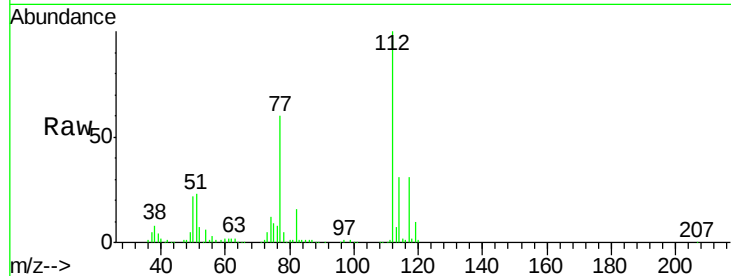
114 30.9 25.8 38.8

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

100000

80000

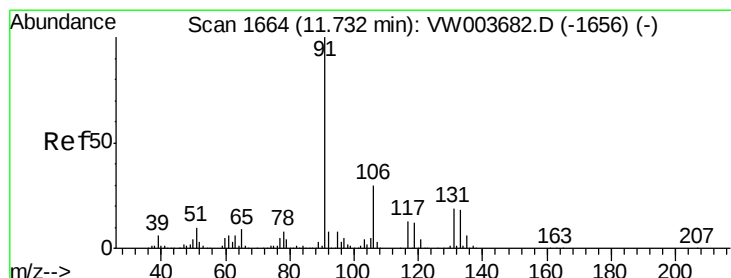
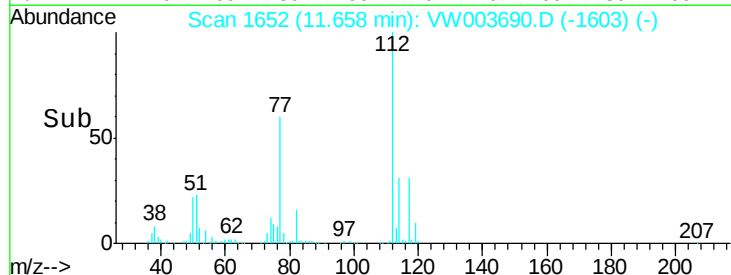
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.956 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

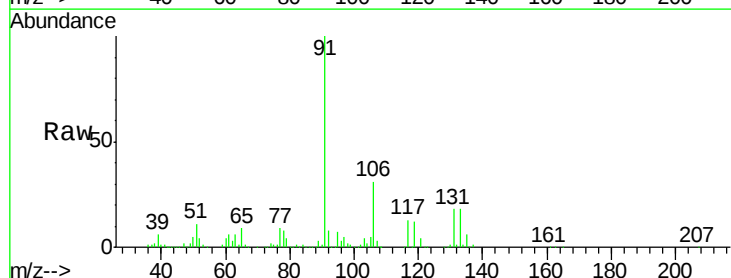
Tgt Ion:131 Resp: 54207

Ion Ratio Lower Upper

131 100

133 95.9 47.6 142.8

119 66.3 31.9 95.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

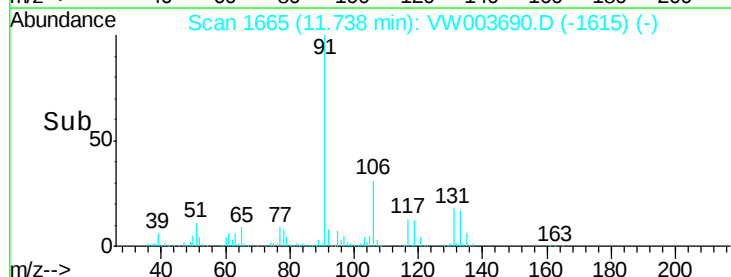
60000

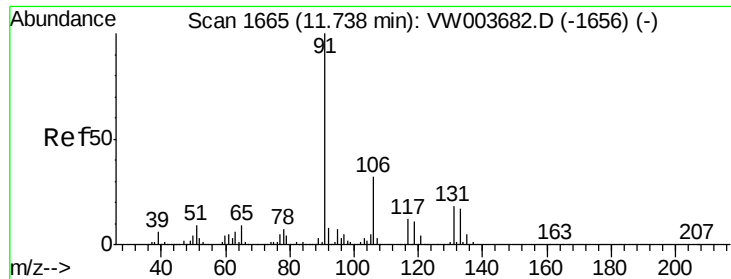
40000

20000

0

Time-->





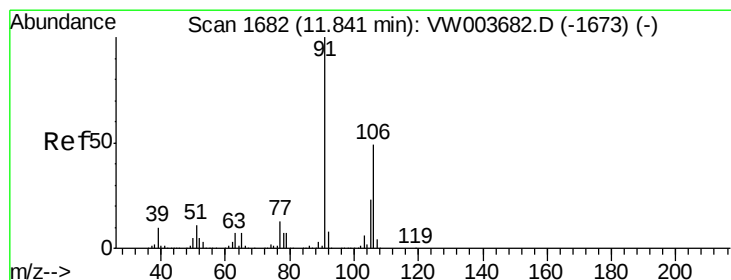
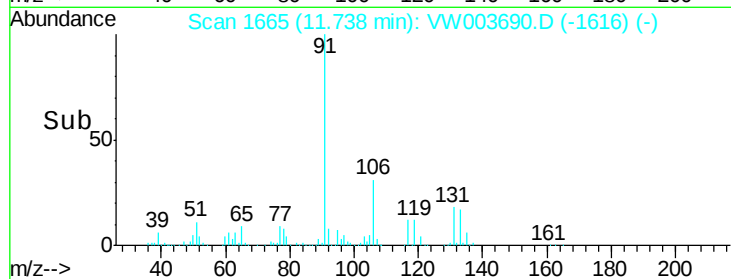
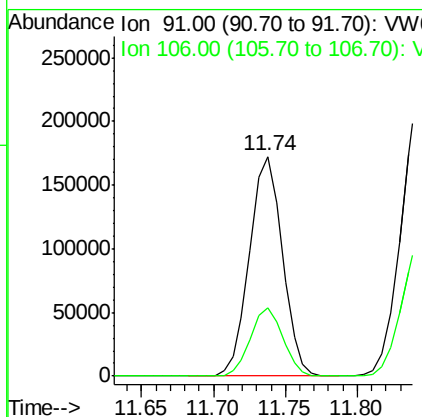
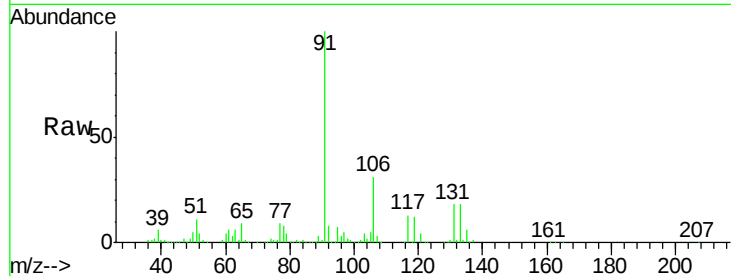
#67
Ethyl Benzene
Concen: 20.030 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion: 91 Resp: 272781
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8

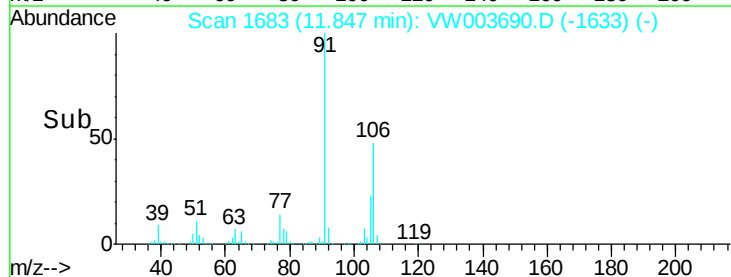
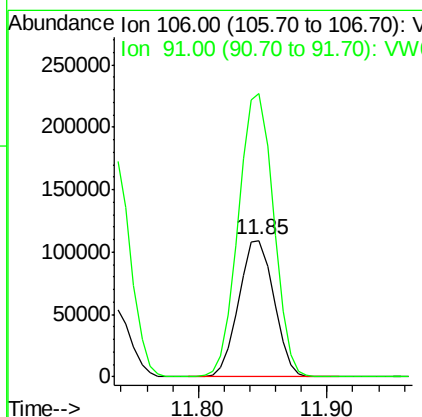
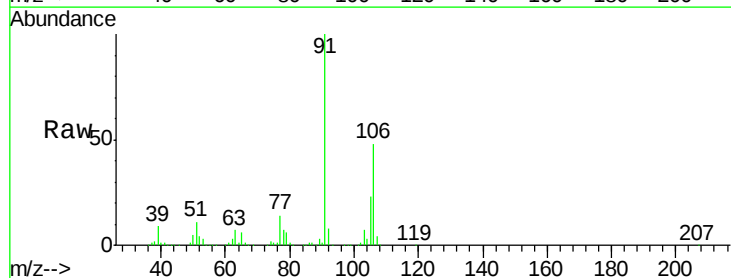
Manual Integrations
APPROVED

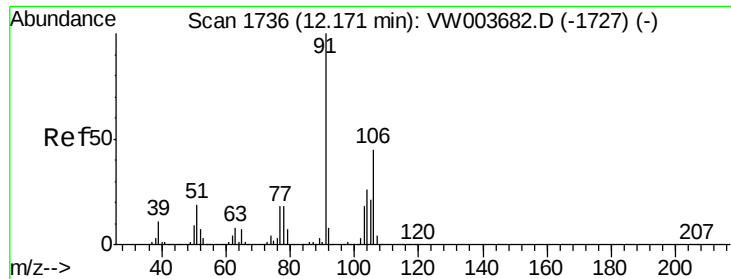
apatel
7/5/2018 11:11:58 AM



#68
m/p-Xylenes
Concen: 40.092 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 106 Resp: 207628
Ion Ratio Lower Upper
106 100
91 206.8 163.7 245.5





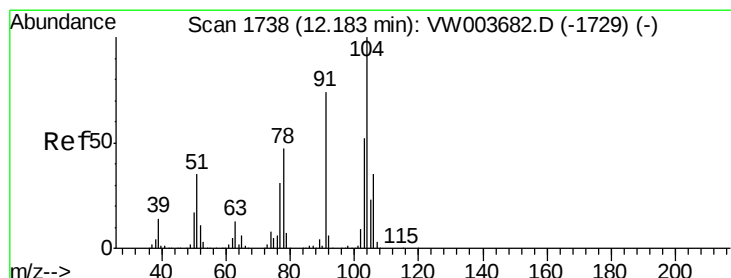
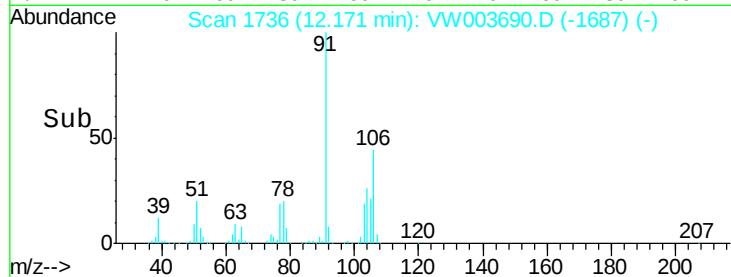
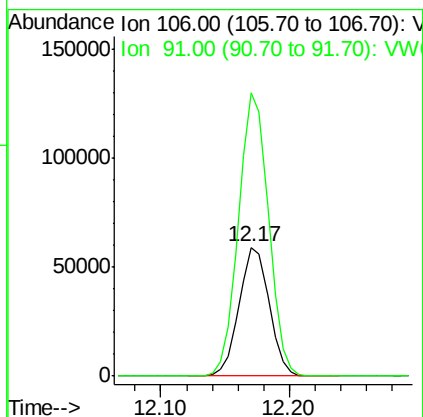
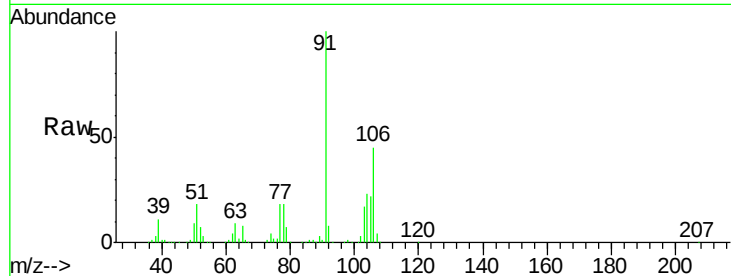
#69
o-Xylene
Concen: 20.030 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	218.7	109.3	327.8	

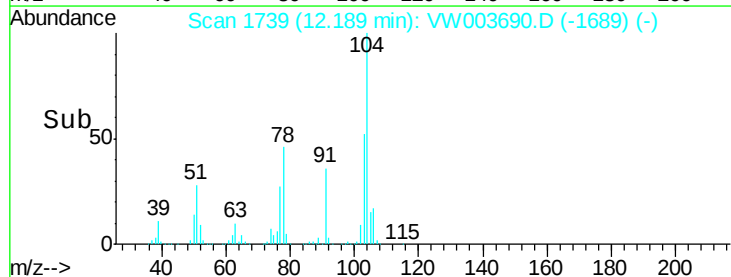
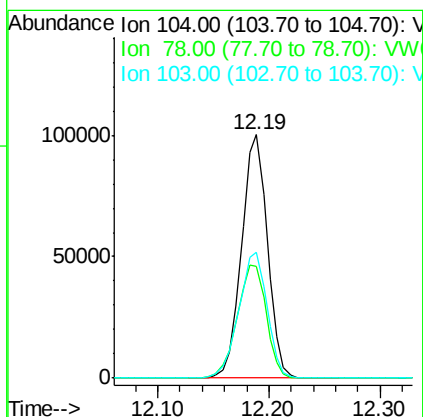
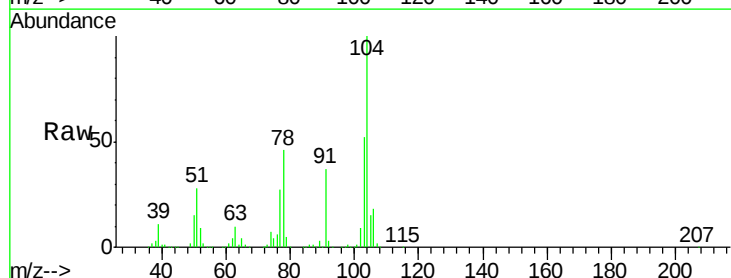
Manual Integrations
APPROVED

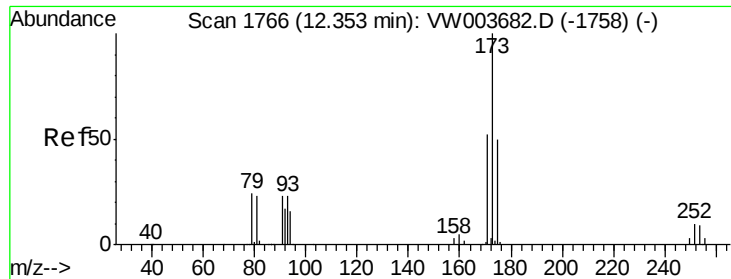
apatel
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#70
Styrene
Concen: 20.068 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.3	40.2	60.4	
103	56.8	44.4	66.6	





#71

Bromoform

Concen: 18.963 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

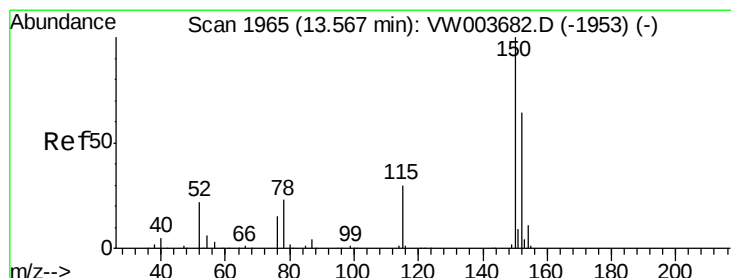
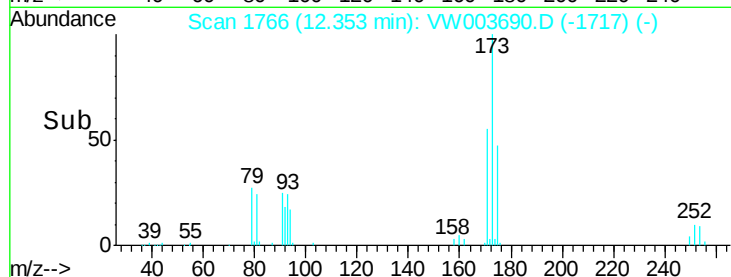
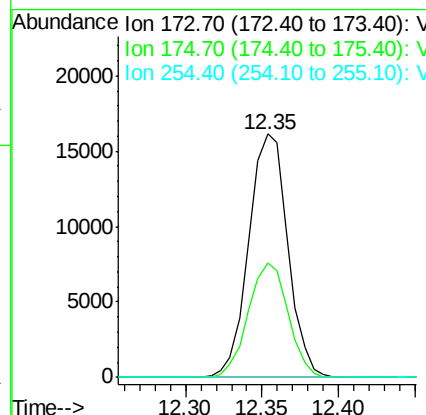
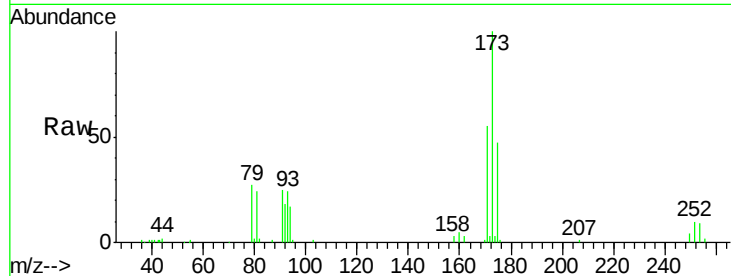
ClientSampleId :

VW0703SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.5	73.5
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

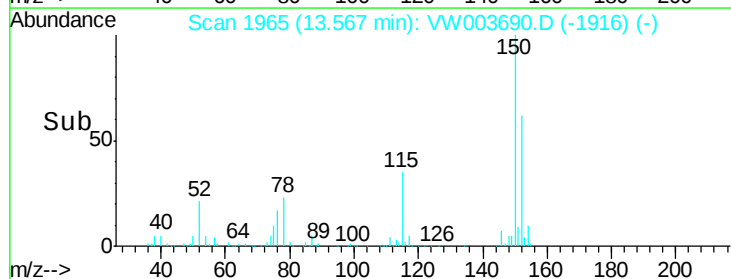
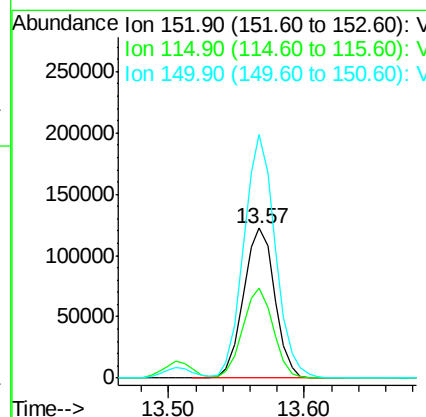
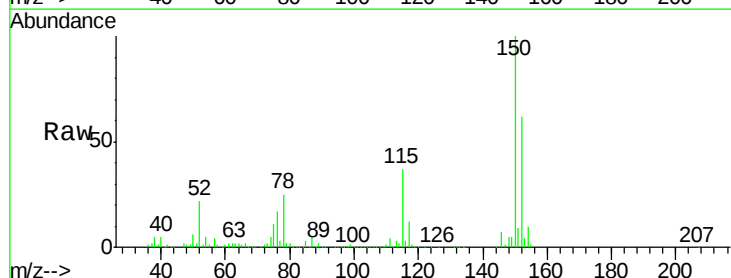
RT: 13.57 min Scan# 1965

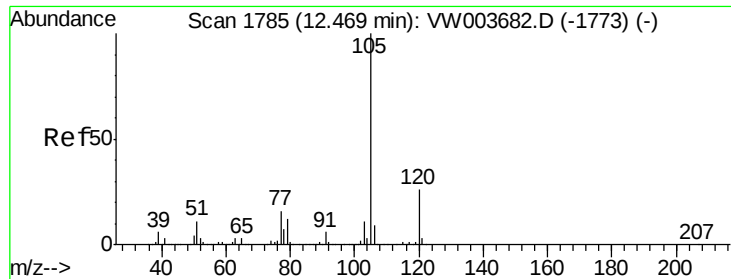
Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	164.3	0.0	352.0





#73

Isopropylbenzene

Concen: 20.295 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion: 105 Resp: 269911

Ion Ratio Lower Upper

105 100

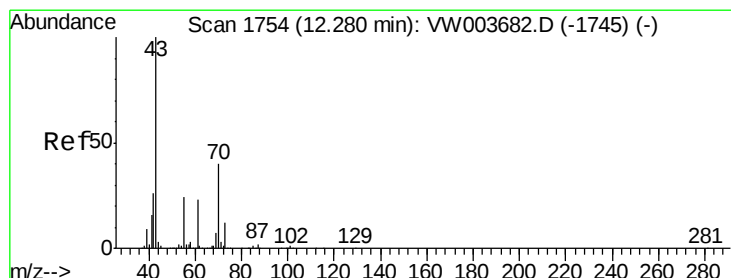
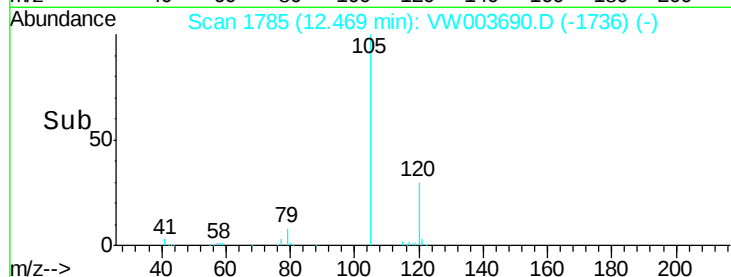
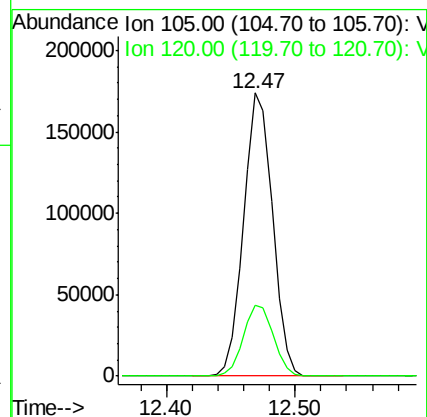
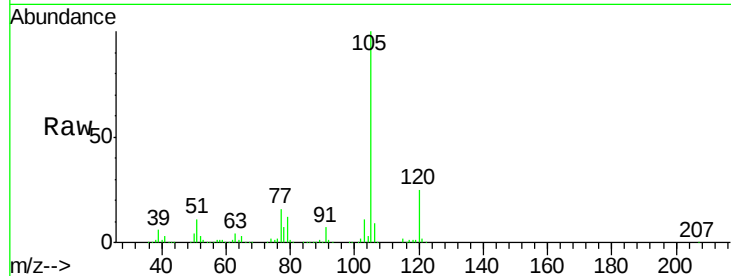
120 25.9 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.302 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Tgt Ion: 43 Resp: 64272

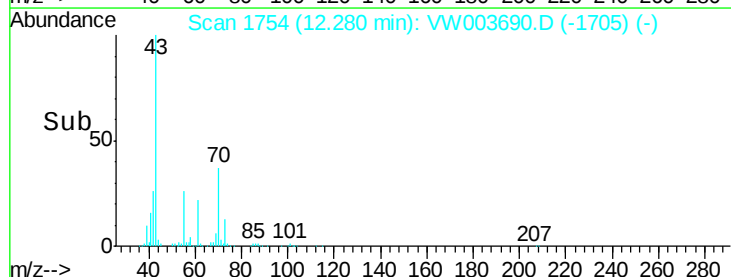
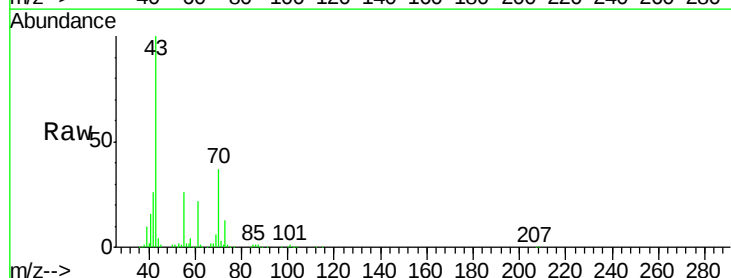
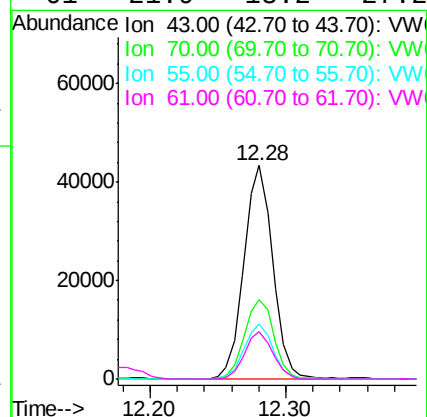
Ion Ratio Lower Upper

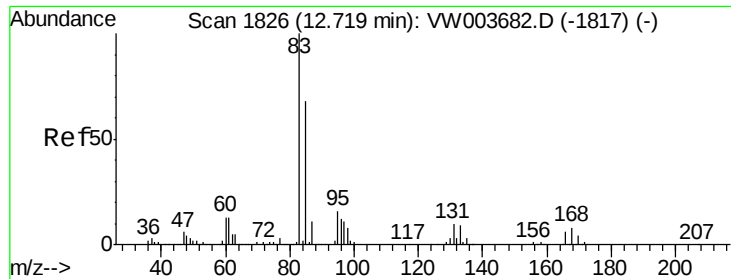
43 100

70 38.1 31.3 46.9

55 26.4 20.1 30.1

61 21.9 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.720 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

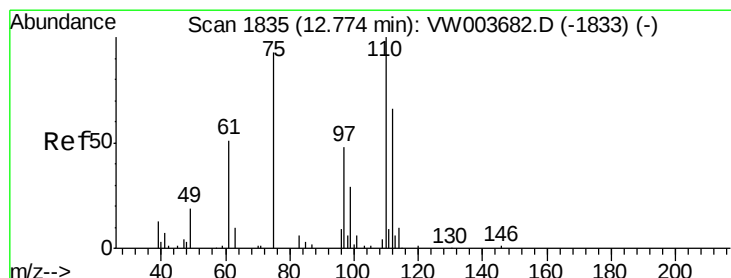
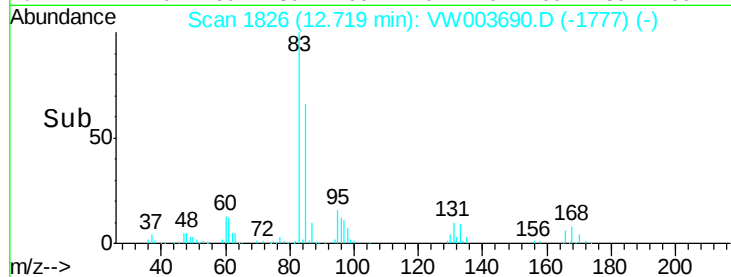
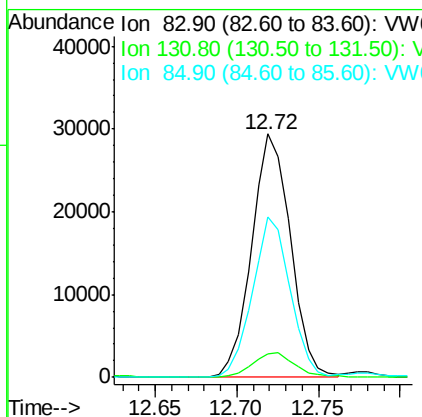
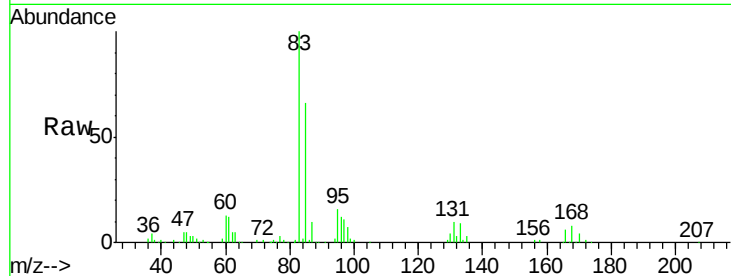
ClientSampled :

VW0703SBS01

Tot Ion:	83	Resp:	48695
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	15.9
85	63.8	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.351 ug/l m

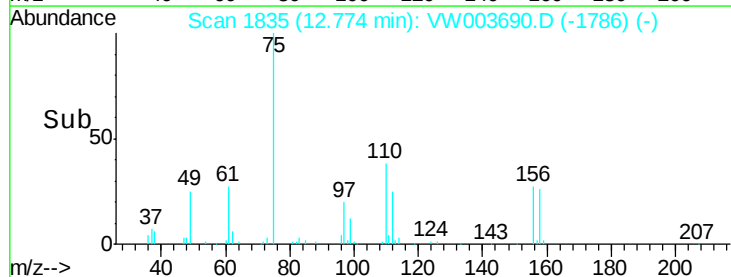
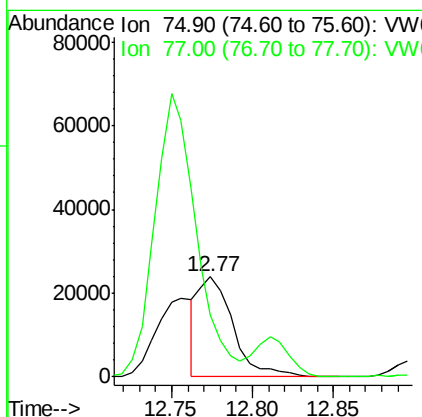
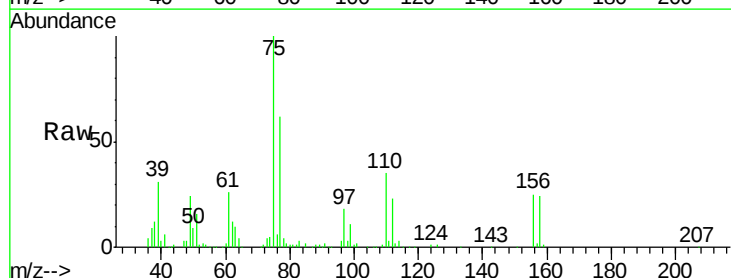
RT: 12.77 min Scan# 1835

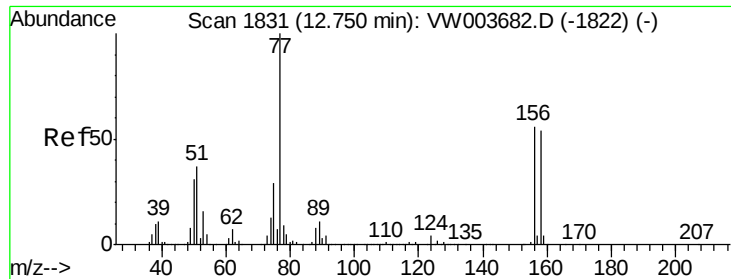
Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Tgt Ion:	75	Resp:	35775
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.863 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion:156 Resp: 63398

Ion Ratio Lower Upper

156 100

77 192.3 95.8 287.4

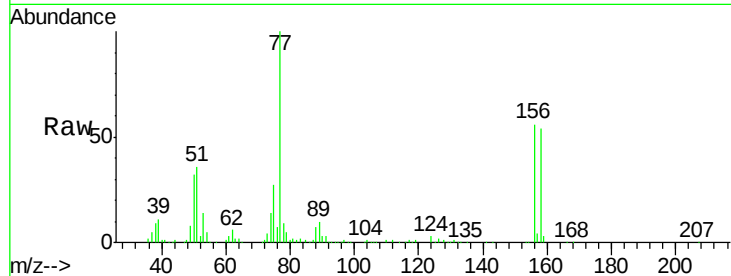
158 98.0 48.2 144.6

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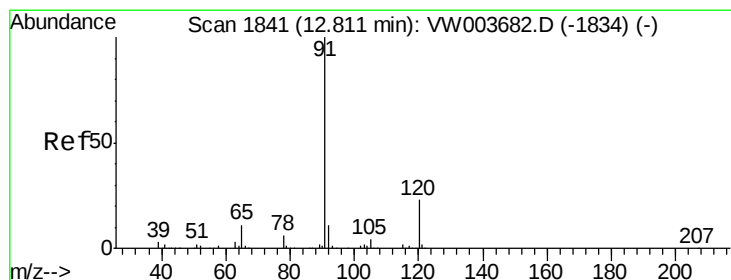
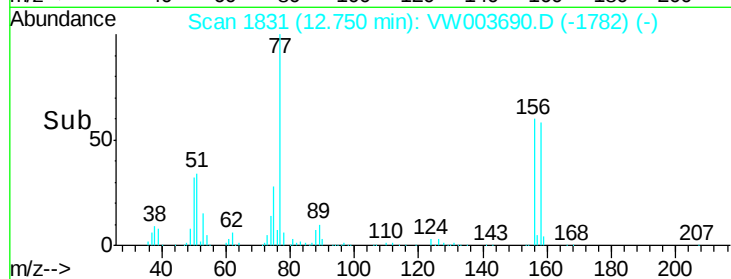
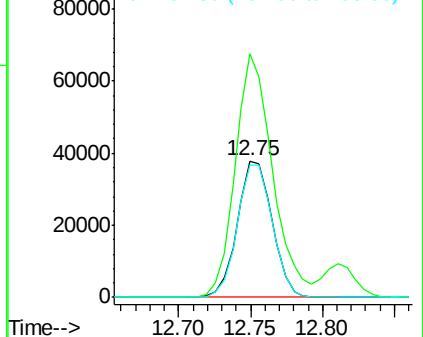
7/5/2018 11:11:58 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.620 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003690.D

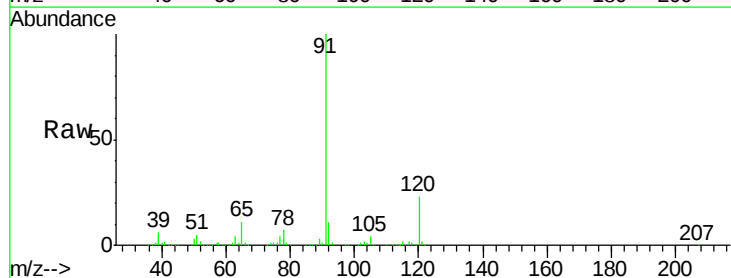
Acq: 03 Jul 2018 11:29

Tgt Ion: 91 Resp: 338774

Ion Ratio Lower Upper

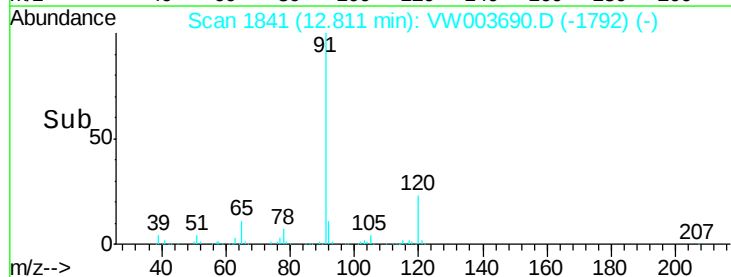
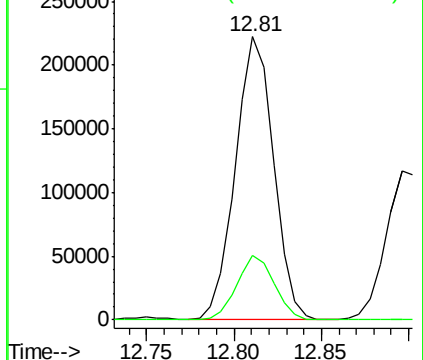
91 100

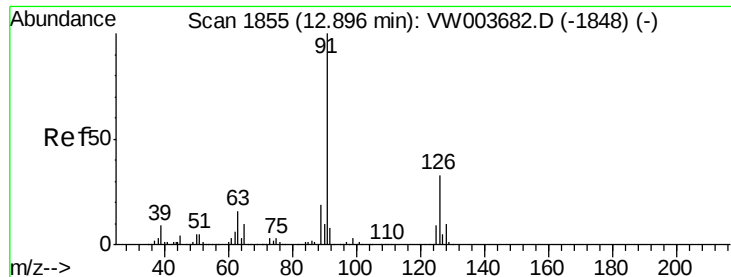
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.377 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampled :

VW0703SBS01

Tot Ion: 91 Resp: 190503

Ion Ratio Lower Upper

91 100

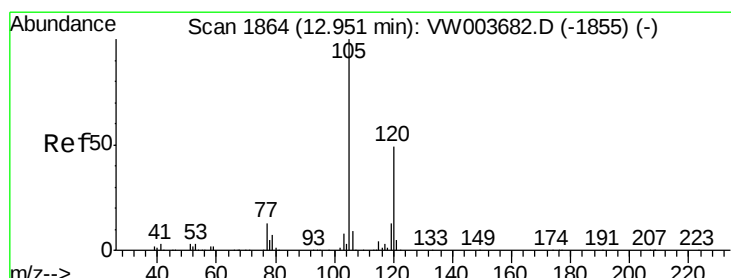
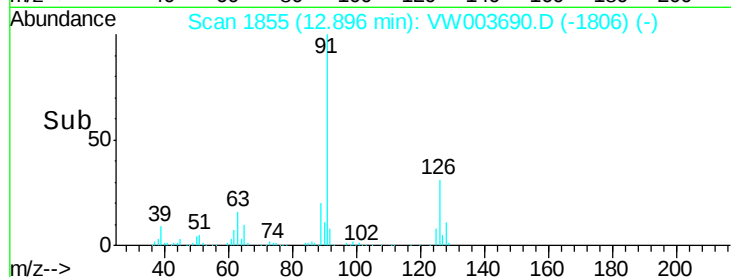
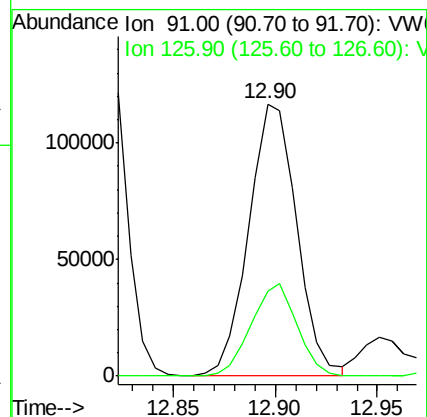
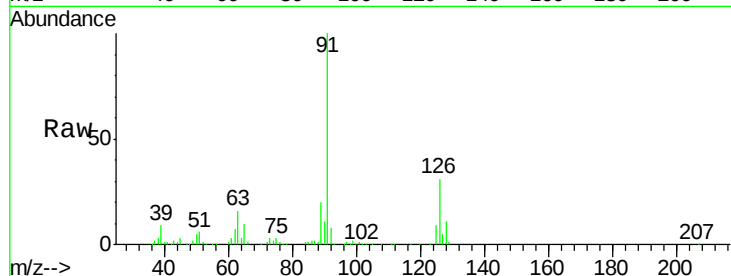
126 32.8 16.4 49.4

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#80

1,3,5-Trimethylbenzene

Concen: 20.572 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003690.D

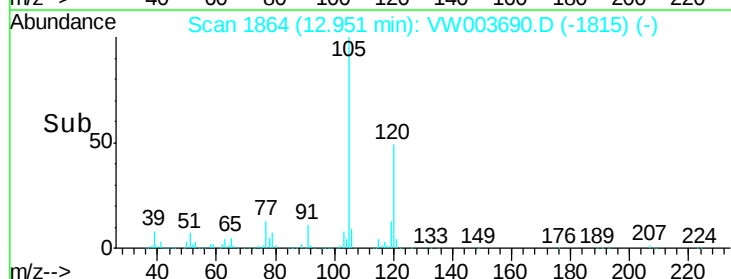
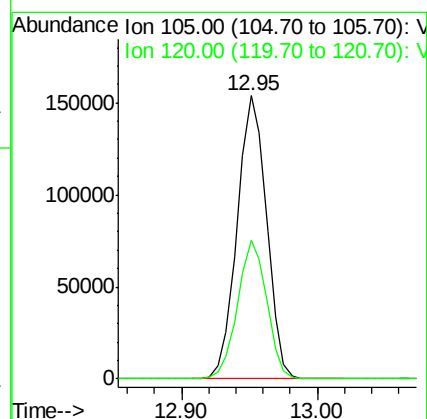
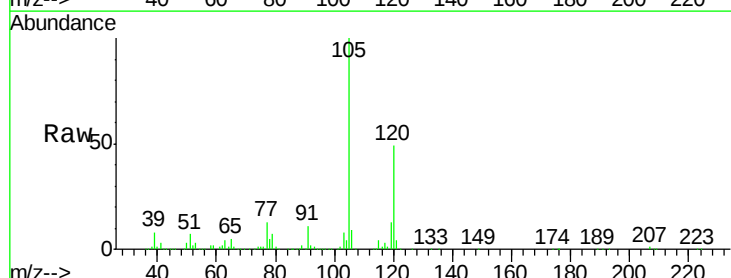
Acq: 03 Jul 2018 11:29

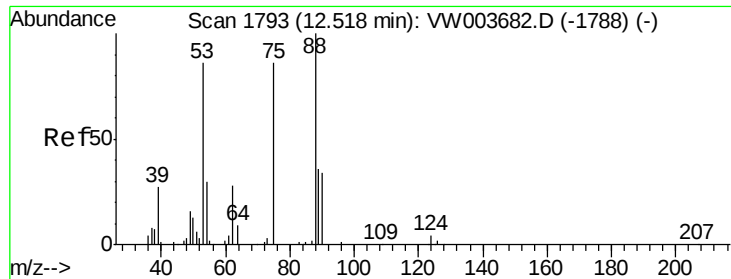
Tgt Ion:105 Resp: 231451

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.838 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

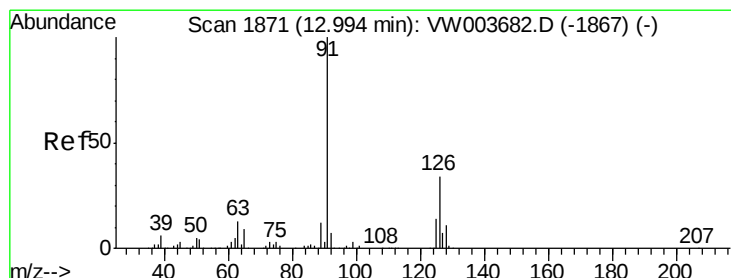
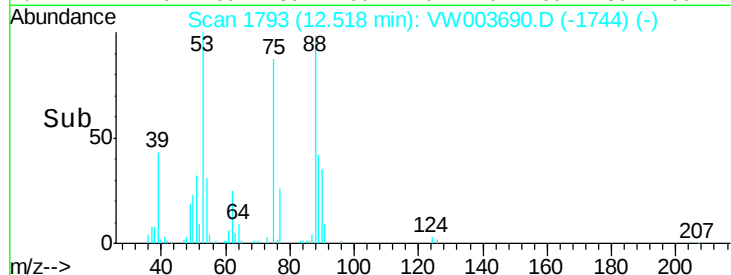
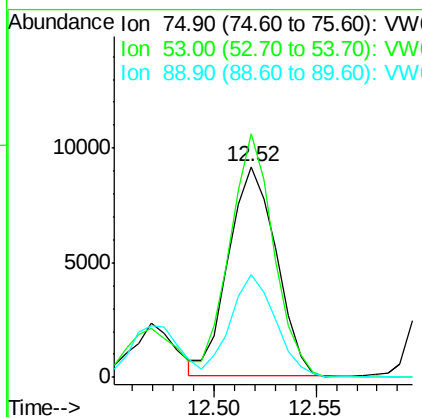
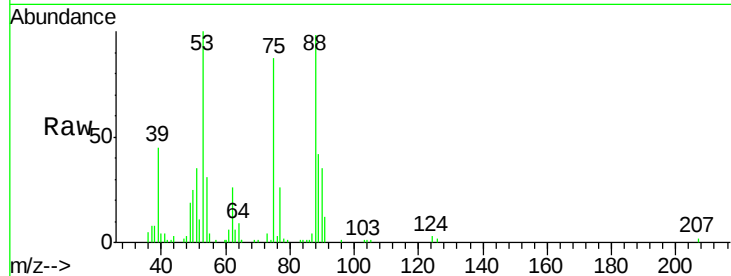
ClientSampled :

VW0703SBS01

Tot Ion:	75	Resp:	14799
Ion	Ratio	Lower	Upper
75	100		
53	106.5	82.4	123.6
89	46.7	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.424 ug/l

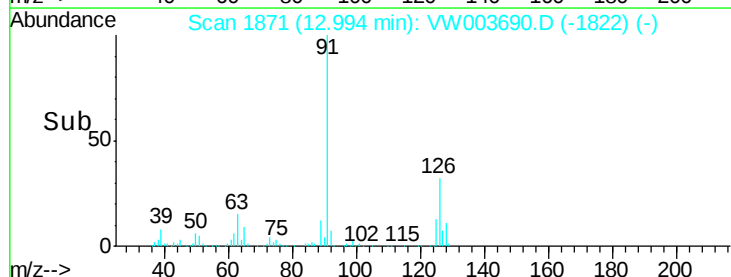
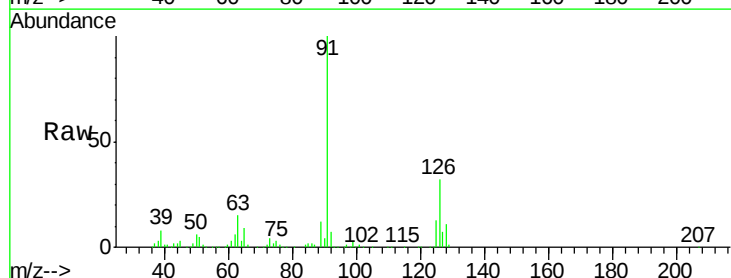
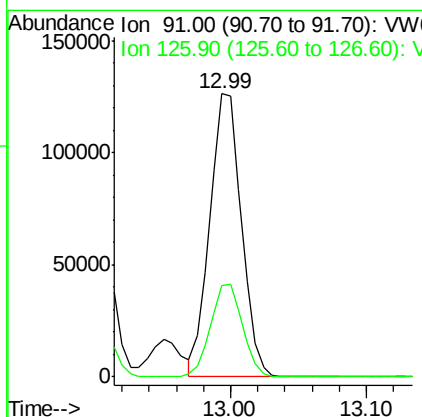
RT: 12.99 min Scan# 1871

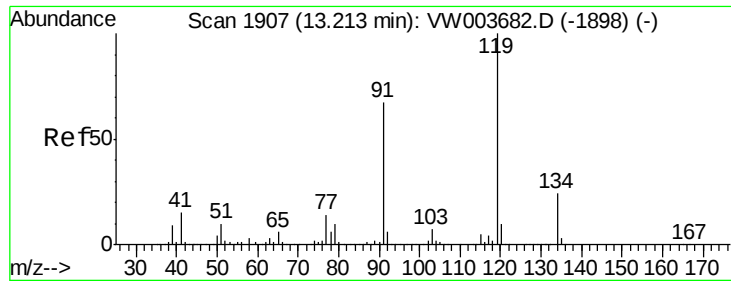
Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Tgt Ion:	91	Resp:	202698
Ion	Ratio	Lower	Upper
91	100		
126	33.3	17.0	50.9





#83

tert-Butylbenzene

Concen: 20.551 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

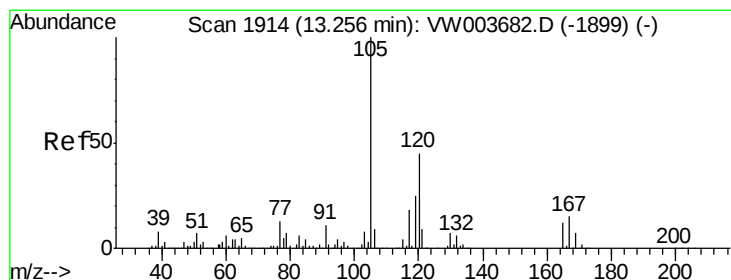
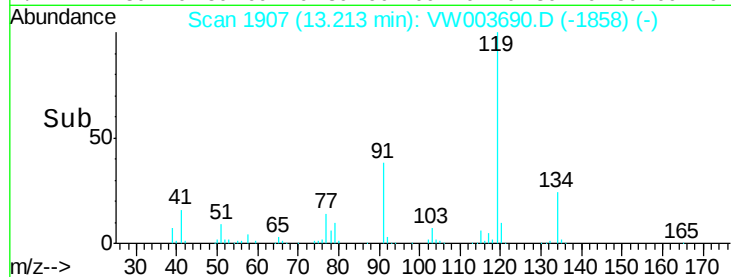
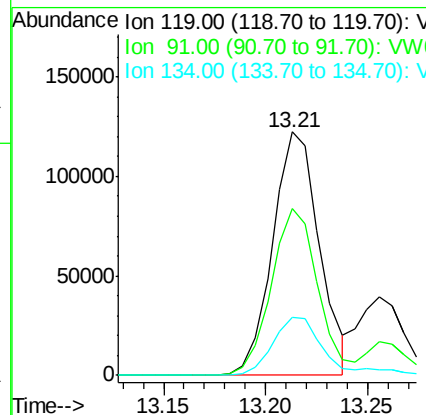
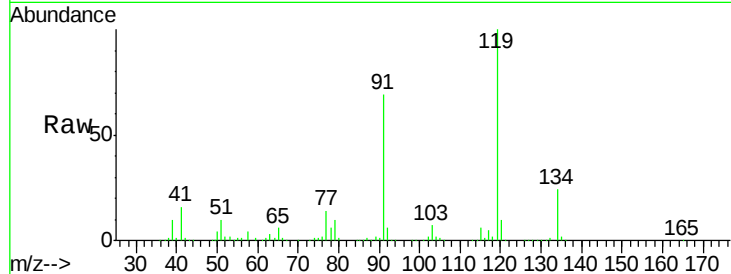
ClientSampleId :

VW0703SBS01

Tot Ion:	119	Resp:	195038
Ion Ratio	Lower	Upper	
119	100		
91	68.8	33.8	101.3
134	26.6	13.1	39.1

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#84

1,2,4-Trimethylbenzene

Concen: 20.590 ug/l

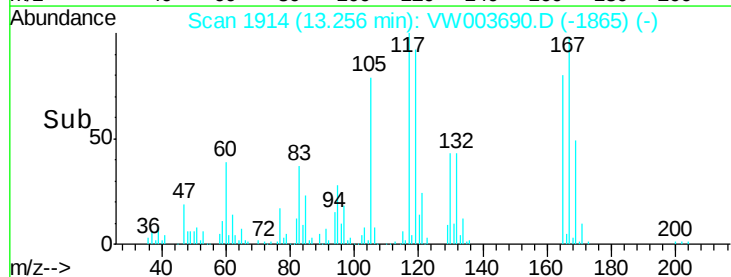
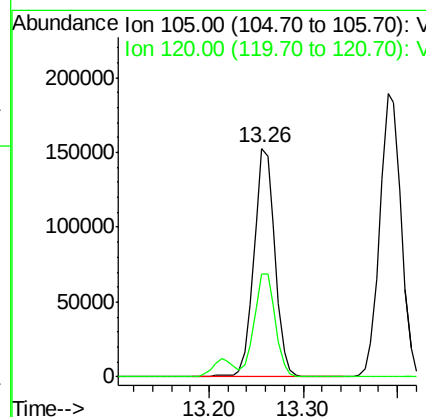
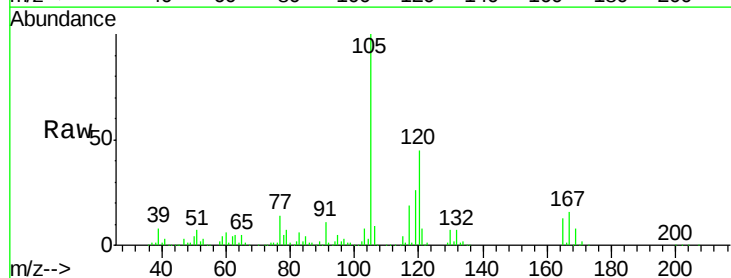
RT: 13.26 min Scan# 1914

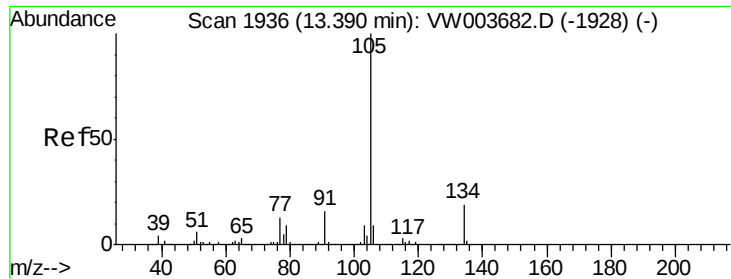
Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Tgt Ion:	105	Resp:	238477
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.4	67.3





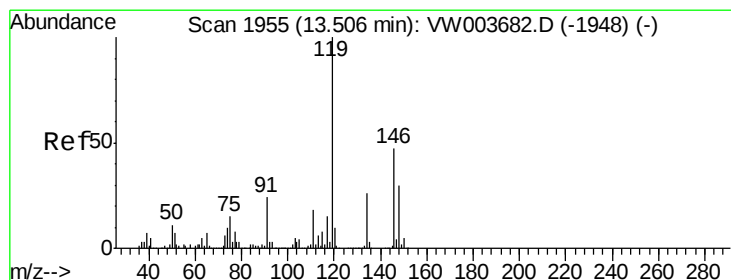
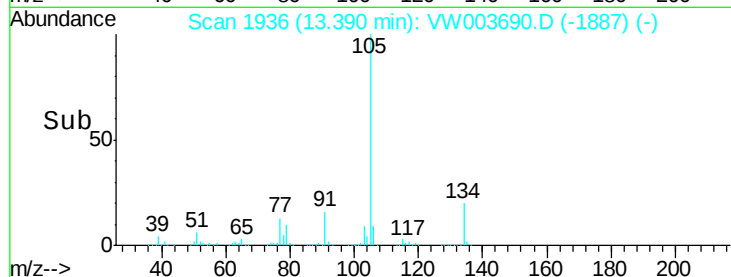
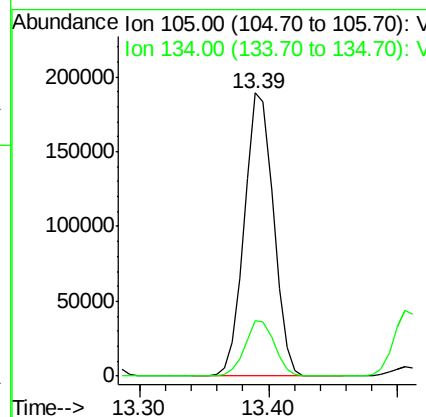
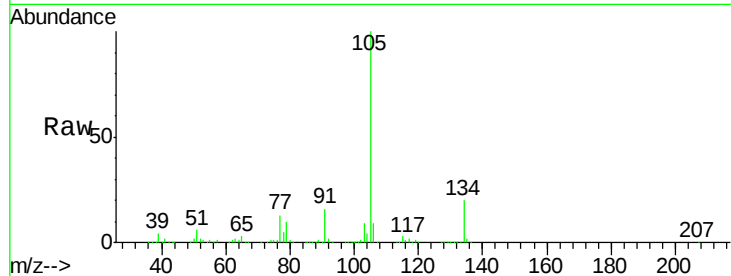
#85
 sec-Butylbenzene
 Concen: 20.870 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	294721		
134	19.8	9.8	29.4	

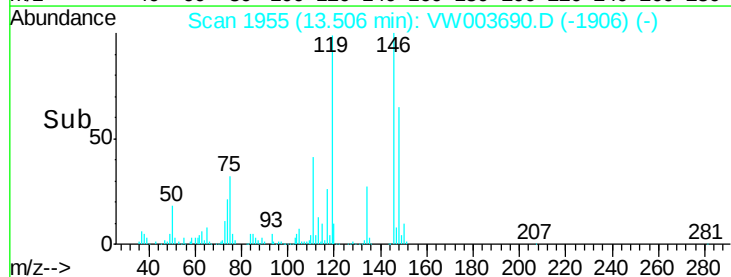
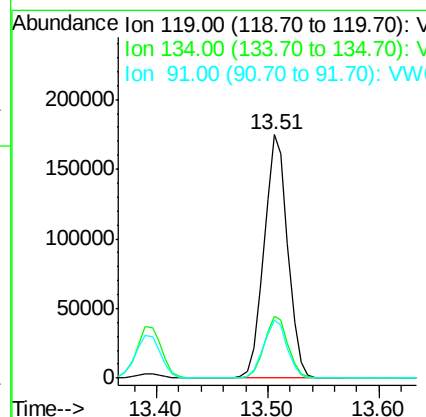
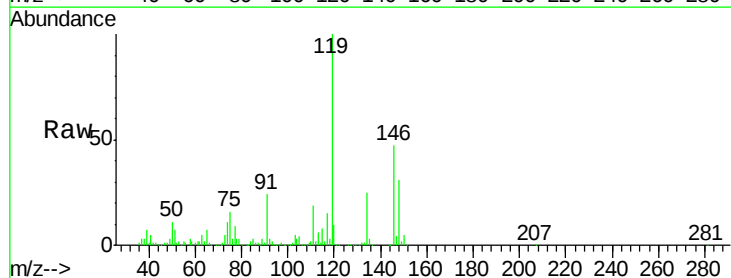
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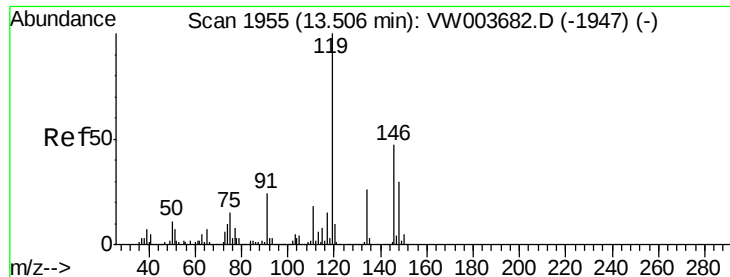
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#86
 p-Isopropyltoluene
 Concen: 20.980 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	259150		
134	25.5	13.0	38.9	
91	23.9	11.8	35.4	





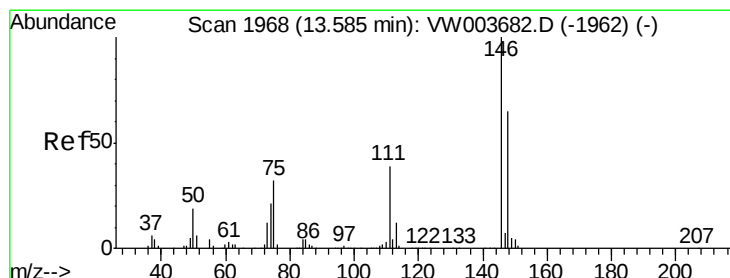
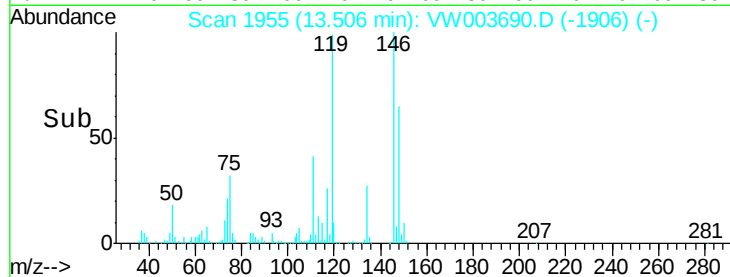
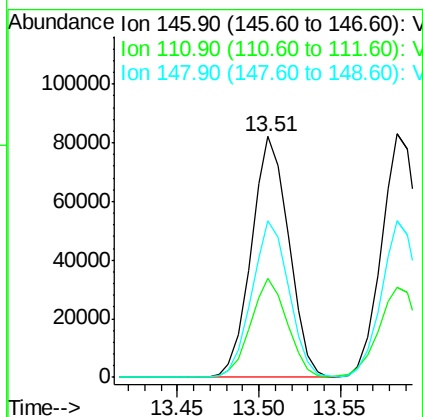
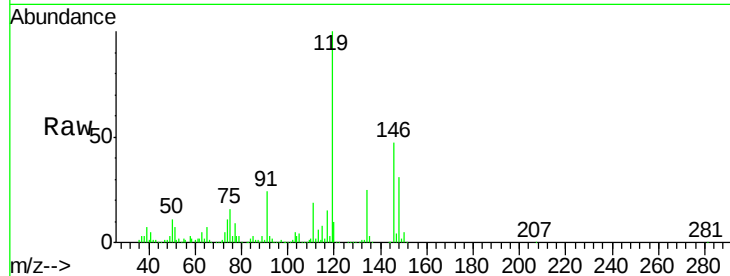
#87
 1,3-Dichlorobenzene
 Concen: 20.244 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampled :
 VW0703SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	64.2	31.9	95.9

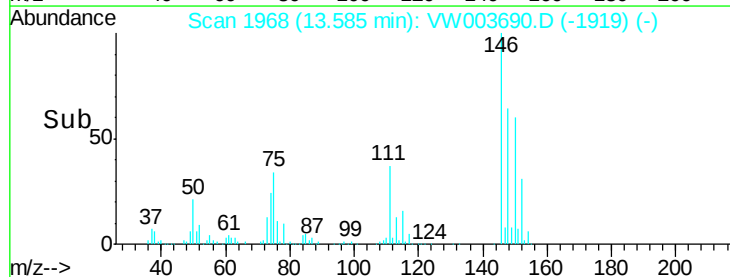
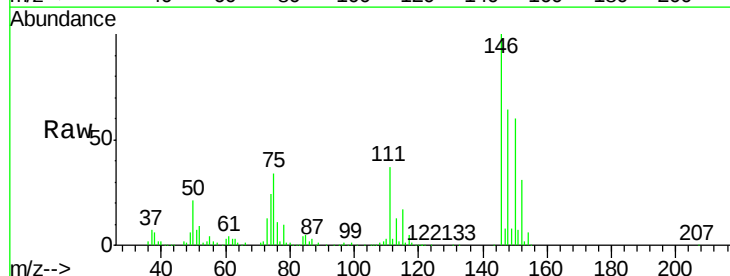
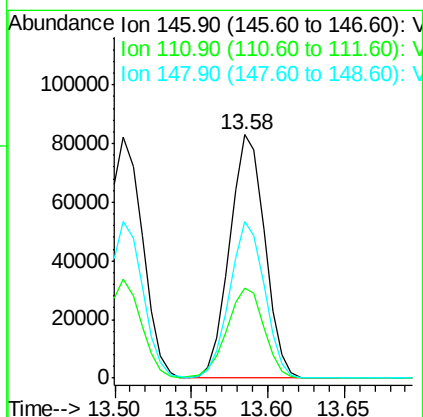
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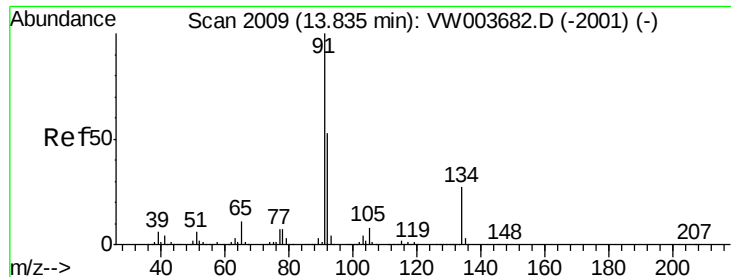
apatel
 7/5/2018 11:11:58 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.442 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.9
148	63.7	32.3	96.9





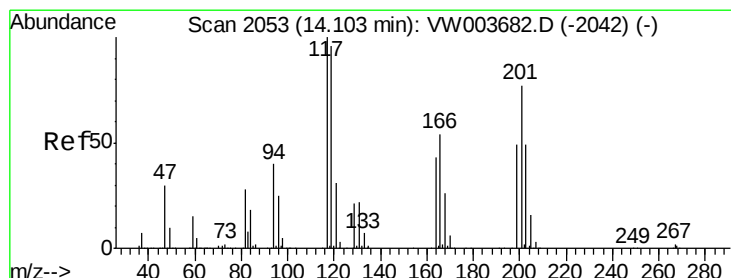
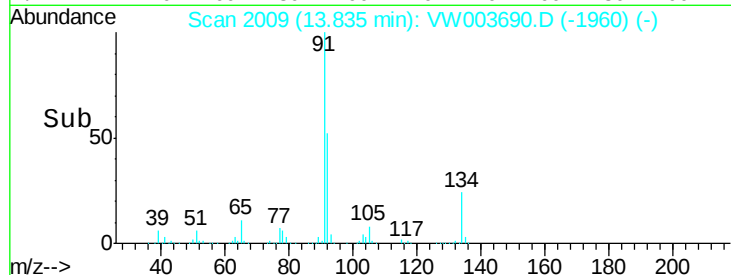
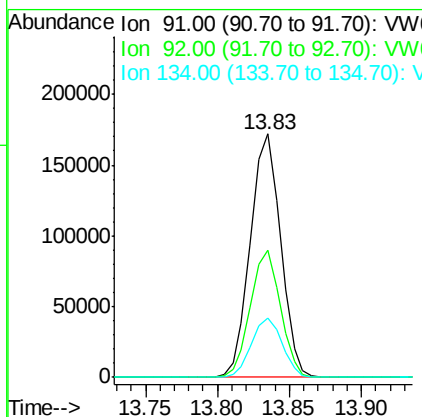
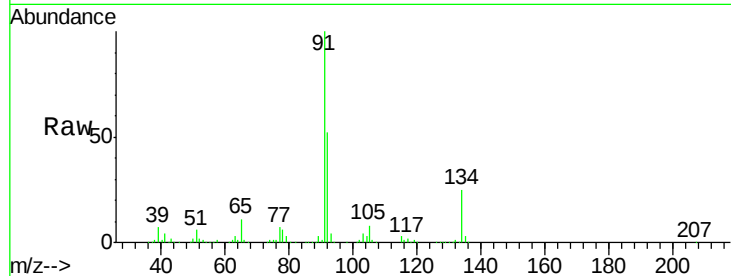
#89
n-Butylbenzene
Concen: 20.575 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.4	79.2
134	24.8	12.7	38.1

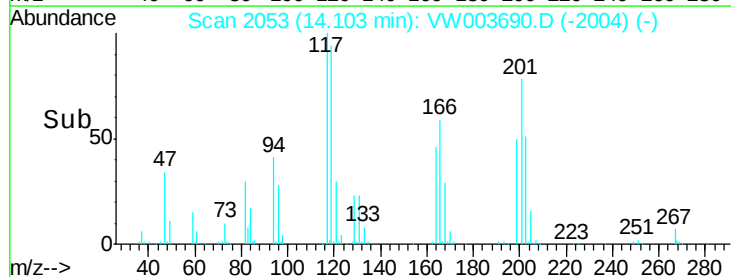
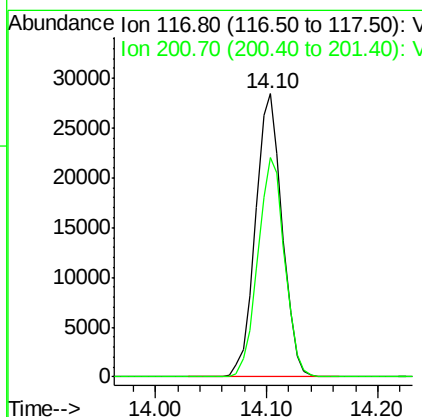
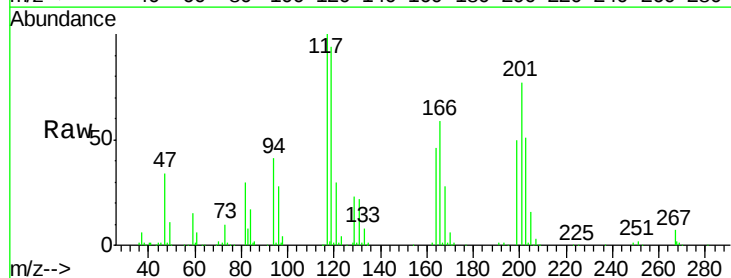
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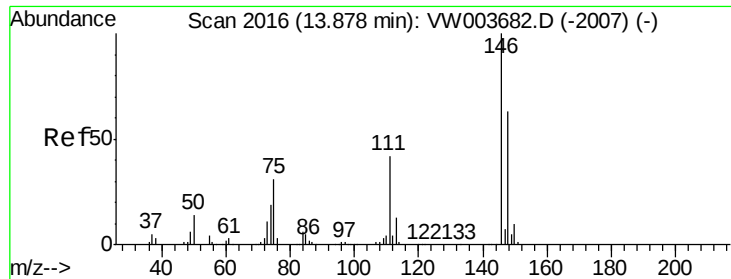
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#90
Hexachloroethane
Concen: 20.714 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.6	39.1	117.2





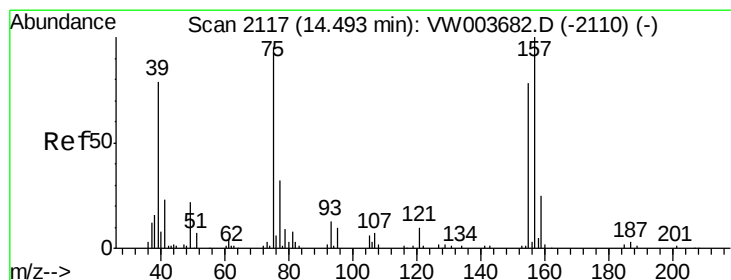
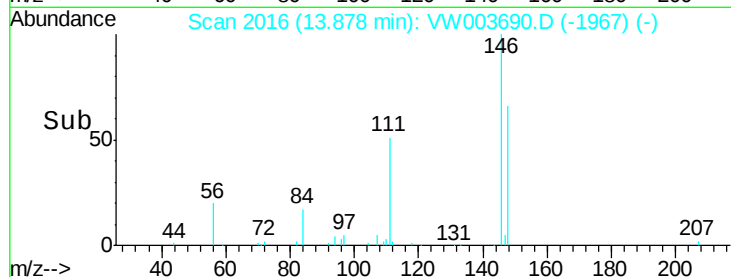
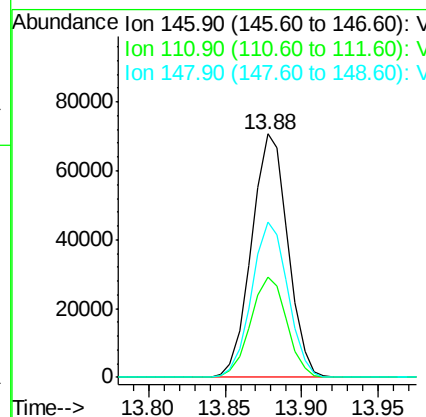
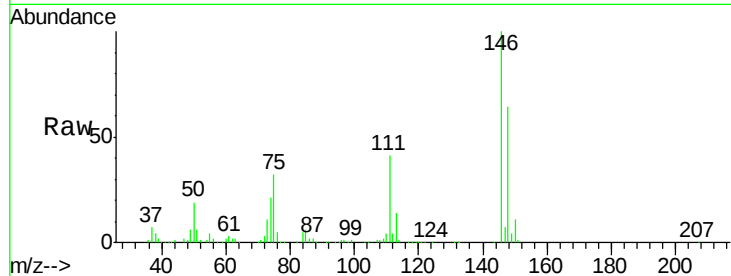
#91
 1,2-Dichlorobenzene
 Concen: 20.147 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampled :
 VW0703SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	116691		
111	41.0	20.6	61.9	
148	63.6	31.9	95.7	

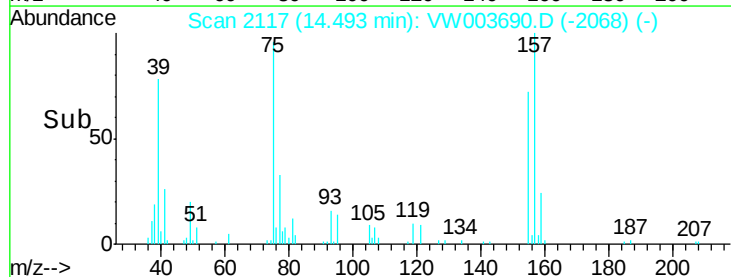
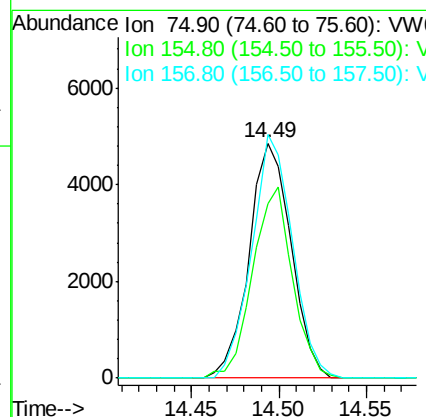
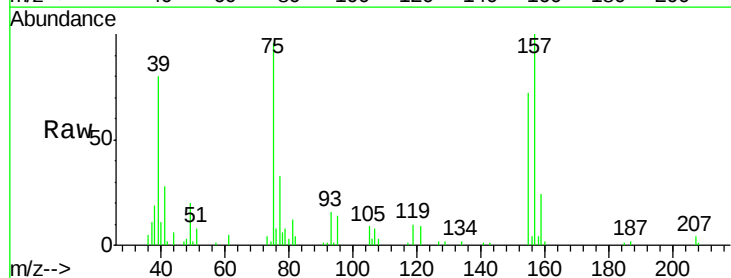
Manual Integrations
 APPROVED

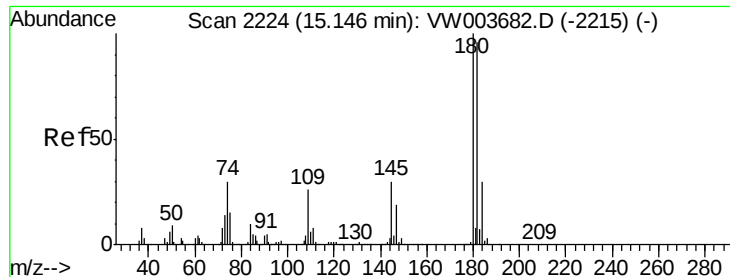
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.858 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8094		
155	77.4	40.2	120.6	
157	100.8	50.7	152.3	





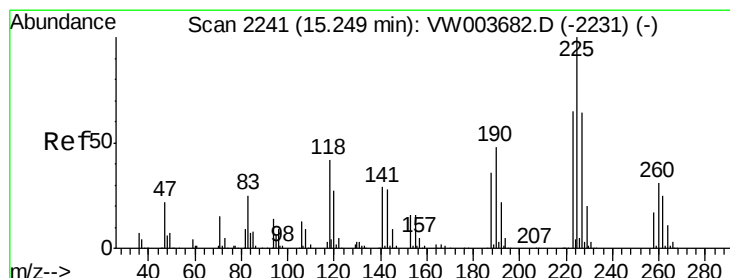
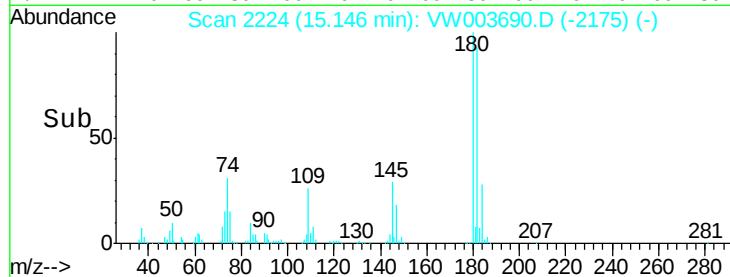
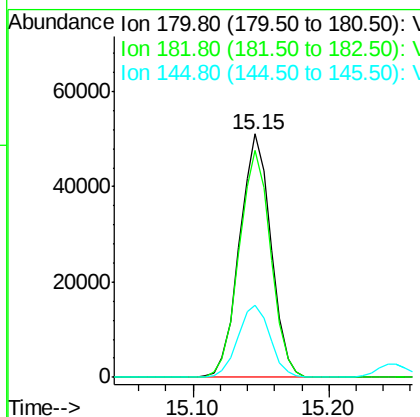
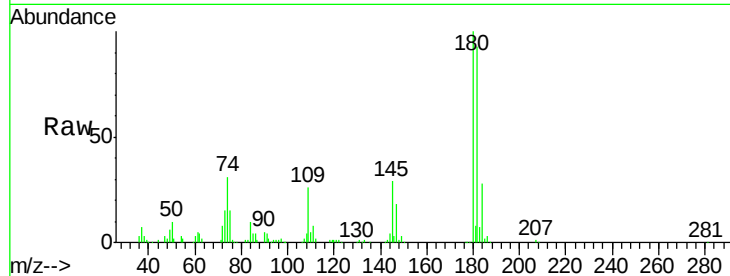
#93
 1,2,4-Trichlorobenzene
 Concen: 20.137 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampled :
 VW0703SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.8
145	30.3	14.9	44.5

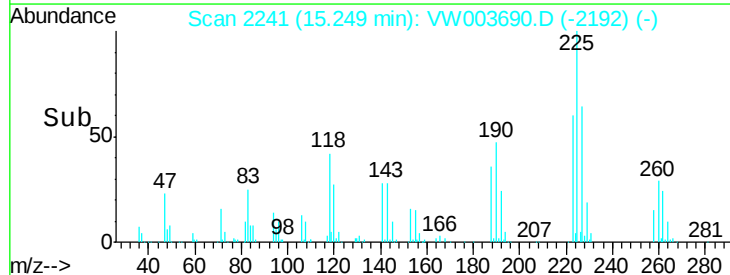
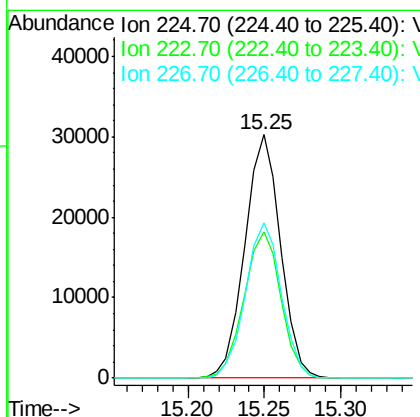
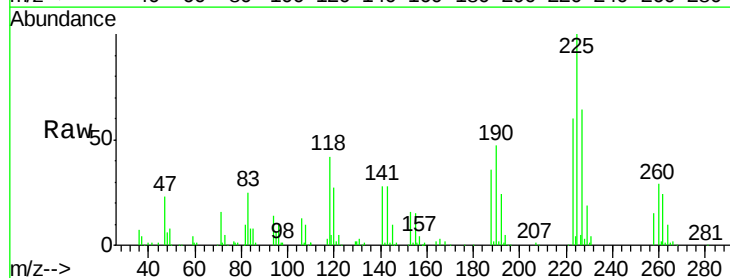
Manual Integrations
 APPROVED

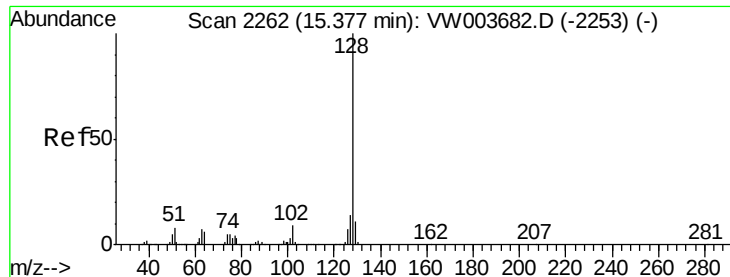
apatel
 7/5/2018 11:11:58 AM



#94
 Hexachlorobutadiene
 Concen: 20.791 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.0	96.2
227	64.4	31.9	95.7





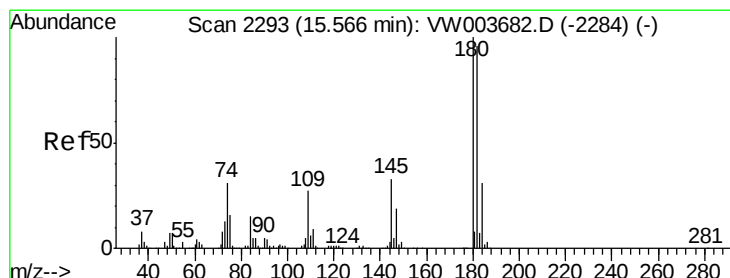
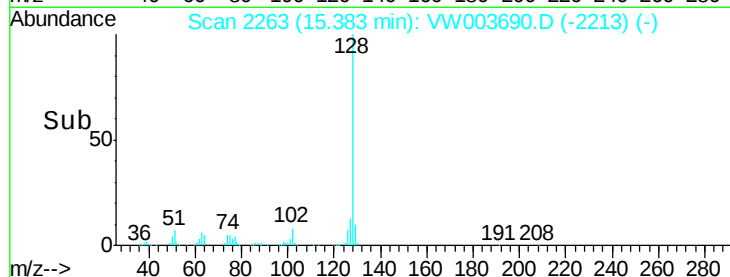
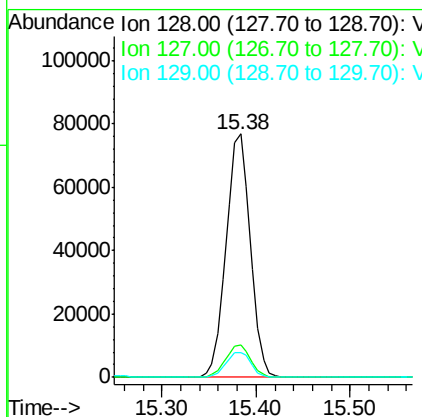
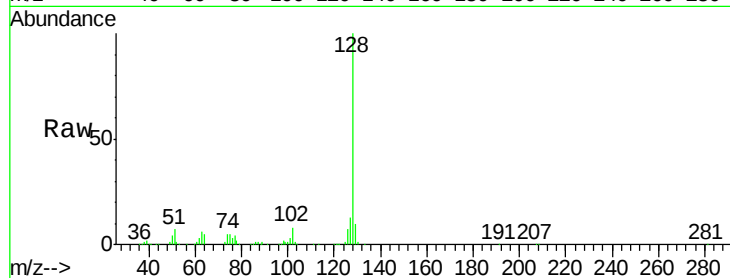
#95
Naphthalene
Concen: 18.486 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

apatel
7/5/2018 11:11:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.507 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	32.4	15.9	47.7

