

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005682.D
 Acq On : 27 Sep 2018 05:45
 Operator : VA/AP
 Sample : VW092618SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

Manual Integrations
 APPROVED

apatel
 9/27/2018 10:34:01 AM

Quant Time: Sep 27 07:59:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	368201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138921	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.89	113	118663	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.33	98	484720	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.62	95	179579	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	28232	17.859	ug/l	98
3) Chloromethane	2.21	50	33686	17.814	ug/l	100
4) Vinyl Chloride	2.37	62	49508	21.903	ug/l	99
5) Bromomethane	2.78	94	30689	20.090	ug/l	94
6) Chloroethane	2.93	64	28576	19.702	ug/l	97
7) Trichlorofluoromethane	3.26	101	29296	16.571	ug/l	100
8) Diethyl Ether	3.68	74	24573	21.278	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45800	20.466	ug/l	98
10) Methyl Iodide	4.26	142	73524	21.363	ug/l	98
11) Tert butyl alcohol	5.21	59	15813	109.176	ug/l	98
12) 1,1-Dichloroethene	4.03	96	44596	20.815	ug/l	96
13) Acrolein	3.89	56	10638	99.316	ug/l	100
14) Allyl chloride	4.67	41	77451	20.714	ug/l	97
15) Acrylonitrile	5.37	53	54228	105.762	ug/l	99
16) Acetone	4.14	43	47339	103.113	ug/l	100
17) Carbon Disulfide	4.38	76	137985	20.613	ug/l	99
18) Methyl Acetate	4.68	43	28183	21.457	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	70889	21.437	ug/l	95
20) Methylene Chloride	4.92	84	62942	24.961	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	49419	21.060	ug/l	98
22) Diisopropyl ether	6.31	45	160383	22.096	ug/l	100
23) Vinyl Acetate	6.26	43	434913	104.833	ug/l	100
24) 1,1-Dichloroethane	6.22	63	95706	21.342	ug/l	100
25) 2-Butanone	7.18	43	71930	106.866	ug/l	93
26) 2,2-Dichloropropane	7.17	77	57670	18.421	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	55492	21.440	ug/l	99
28) Bromochloromethane	7.52	49	39115	22.020	ug/l	99
29) Tetrahydrofuran	7.54	42	44868	106.702	ug/l	99
30) Chloroform	7.68	83	97156	20.985	ug/l	99
31) Cyclohexane	7.96	56	84084	19.571	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	83182	20.338	ug/l	99
36) 1,1-Dichloropropene	8.09	75	75336	20.325	ug/l	99
37) Ethyl Acetate	7.26	43	32113	20.588	ug/l	99
38) Carbon Tetrachloride	8.07	117	76961	19.377	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83134	19.010	ug/l	98
40) Benzene	8.33	78	219495	20.900	ug/l	99
41) Methacrylonitrile	7.49	41	18285	20.600	ug/l	97
42) 1,2-Dichloroethane	8.40	62	67803	20.165	ug/l	97
43) Isopropyl Acetate	8.43	43	62653	20.430	ug/l	99
44) Trichloroethene	9.10	130	53970	20.077	ug/l	90
45) 1,2-Dichloropropane	9.37	63	50455	19.528	ug/l	97
46) Dibromomethane	9.46	93	25432	19.700	ug/l	99
47) Bromodichloromethane	9.65	83	66316	19.123	ug/l	98
48) Methyl methacrylate	9.44	41	28311	19.436	ug/l	96
49) 1,4-Dioxane	9.47	88	8078	393.583	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	161940	104.843	ug/l	99
52) Toluene	10.39	92	136126	20.774	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	68041	19.572	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	77577	19.917	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38641	21.087	ug/l	98
56) Ethyl methacrylate	10.65	69	47220	20.875	ug/l	98
57) 1,3-Dichloropropane	10.94	76	68023	20.945	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	106190	103.558	ug/l	98
59) 2-Hexanone	10.98	43	108360	103.271	ug/l	100
60) Dibromochloromethane	11.13	129	46833	21.152	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36250	21.217	ug/l	98
64) Tetrachloroethene	10.87	164	53021	21.486	ug/l	97
65) Chlorobenzene	11.66	112	152341	20.639	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	53031	19.963	ug/l	97
67) Ethyl Benzene	11.74	91	264579	20.195	ug/l	98
68) m/p-Xylenes	11.85	106	202135	40.837	ug/l	99
69) o-Xylene	12.17	106	94270	20.336	ug/l	99
70) Styrene	12.19	104	158734	20.347	ug/l	100
71) Bromoform	12.35	173	28446	20.173	ug/l #	100
73) Isopropylbenzene	12.47	105	266318	20.551	ug/l	100
74) N-amyl acetate	12.28	43	59815	20.384	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	45798	21.277	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	31786m	19.955	ug/l	
77) Bromobenzene	12.76	156	62506	20.580	ug/l	99
78) n-propylbenzene	12.81	91	324246	20.667	ug/l	100
79) 2-Chlorotoluene	12.90	91	188497	20.766	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	235475	20.897	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13160	18.607	ug/l	96
82) 4-Chlorotoluene	12.99	91	198251	20.671	ug/l	100
83) tert-Butylbenzene	13.21	119	195400	20.641	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	236496	20.798	ug/l	99
85) sec-Butylbenzene	13.39	105	280930	20.461	ug/l	100
86) p-Isopropyltoluene	13.51	119	252697	20.534	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	128082	20.623	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	124259	20.117	ug/l	99
89) n-Butylbenzene	13.83	91	232883	20.063	ug/l	99
90) Hexachloroethane	14.10	117	44975	20.164	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	115608	21.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8108	19.771	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	80846	20.672	ug/l	99
94) Hexachlorobutadiene	15.24	225	49869	19.682	ug/l	98
95) Naphthalene	15.38	128	137128	20.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	72106	20.921	ug/l	99

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

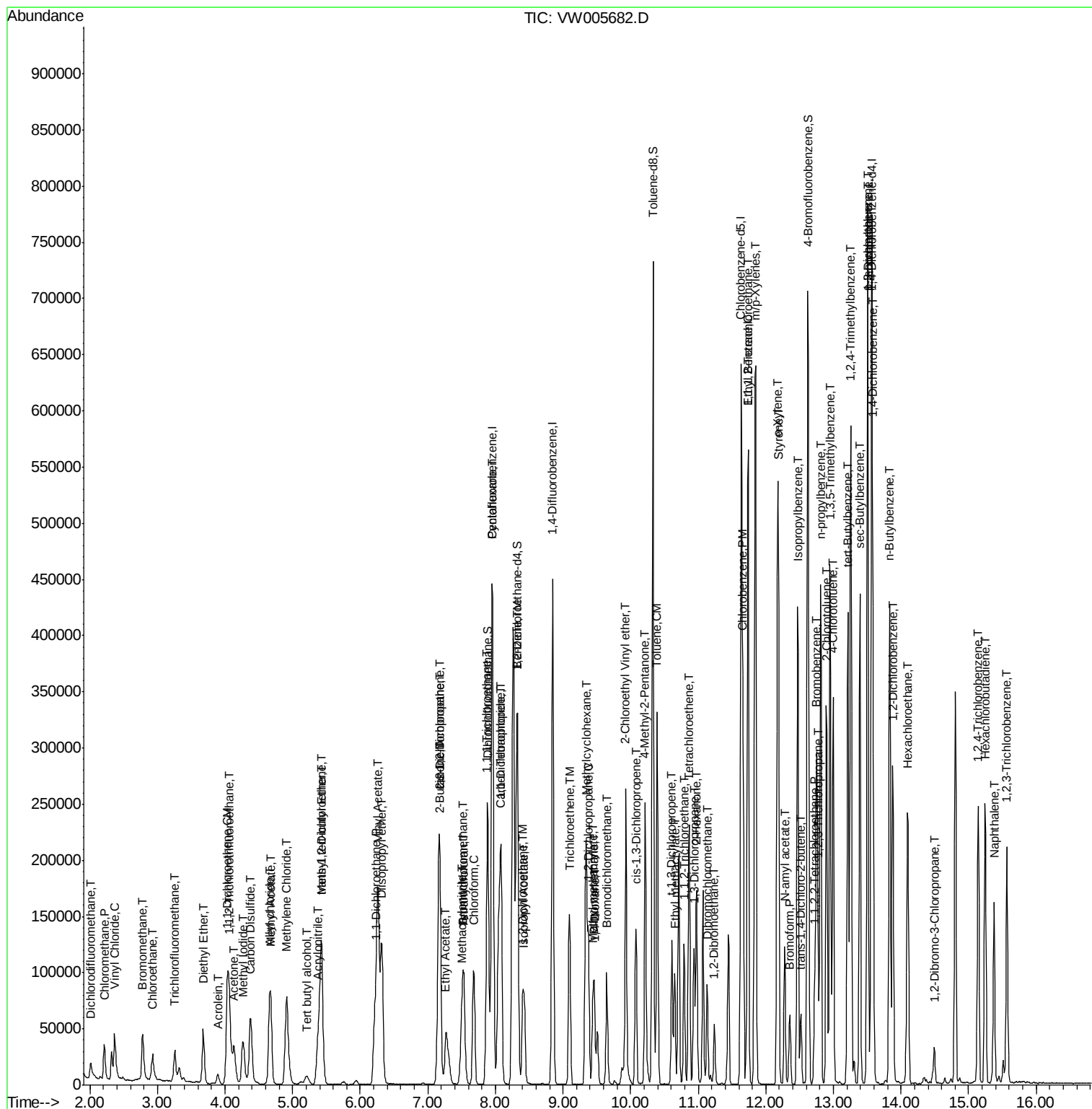
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\
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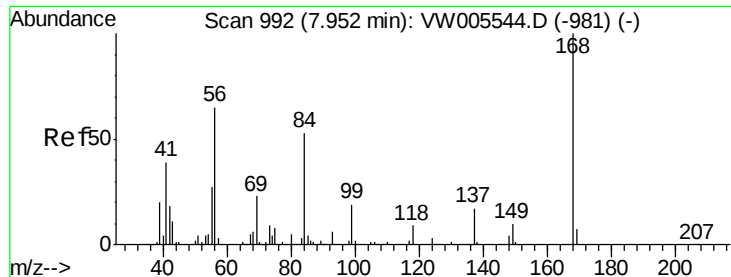
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

Tot Ion:168 Resp: 235240

Ion Ratio Lower Upper

168 100

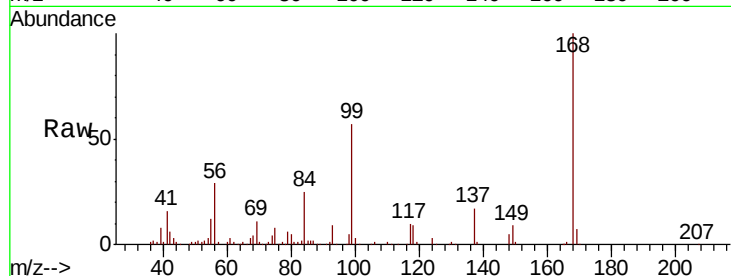
99 57.2 48.4 72.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

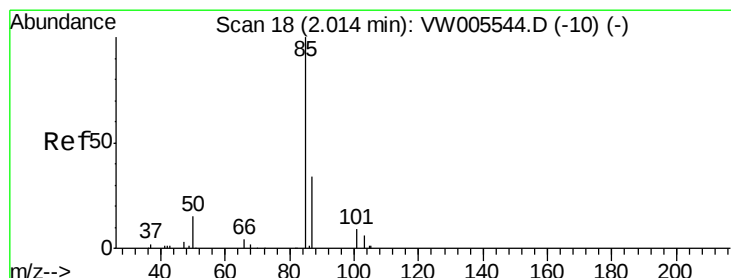
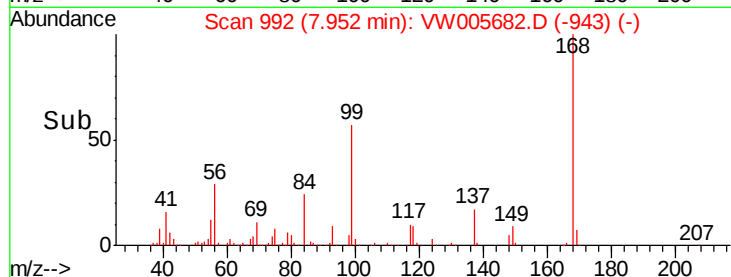
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 17.859 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005682.D

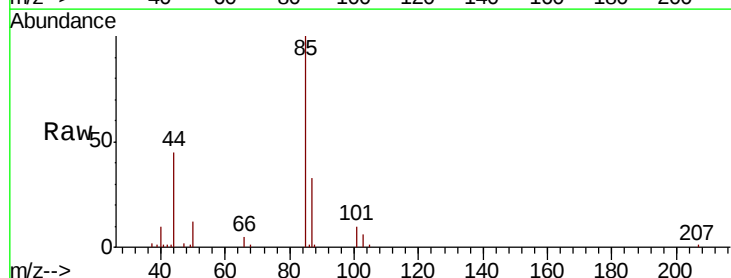
Acq: 27 Sep 2018 05:45

Tgt Ion: 85 Resp: 28232

Ion Ratio Lower Upper

85 100

87 32.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

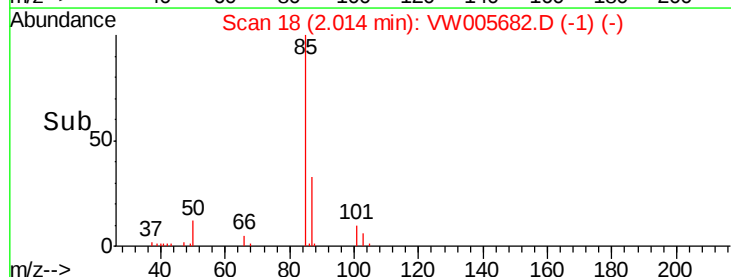
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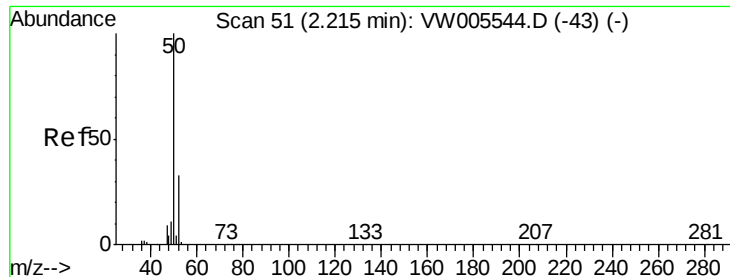
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 17.814 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

Tot Ion: 50 Resp: 33686

Ion Ratio Lower Upper

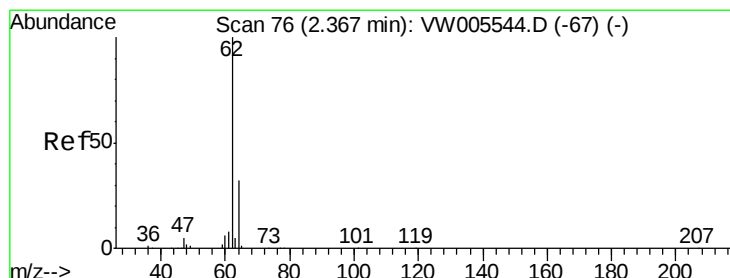
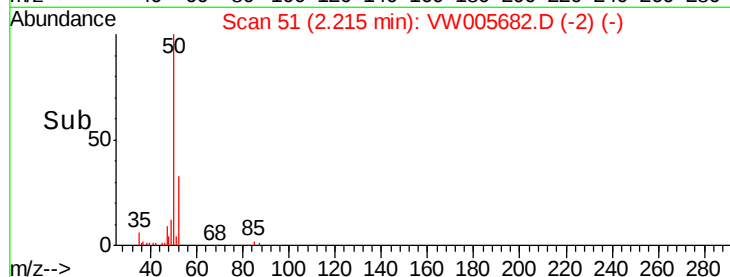
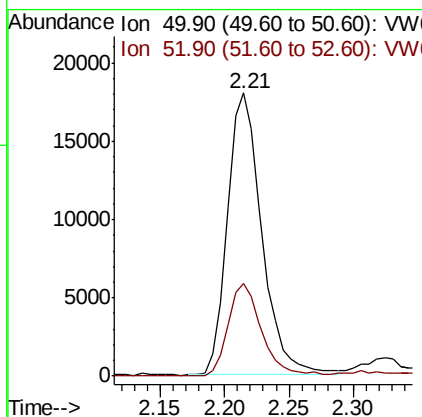
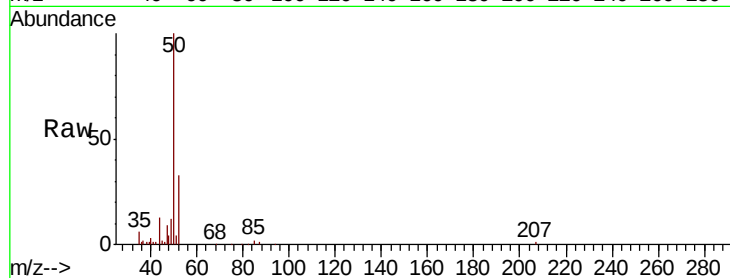
50 100

52 33.0 26.2 39.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.903 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005682.D

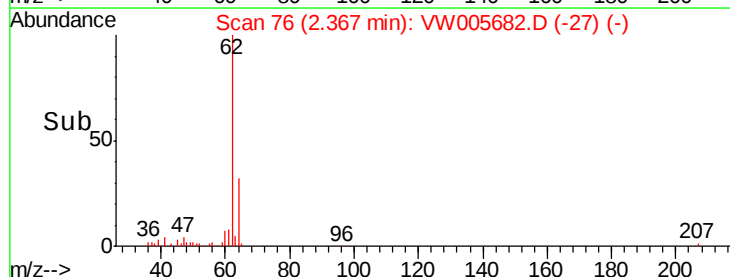
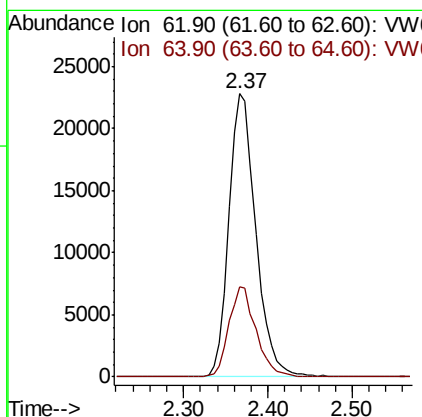
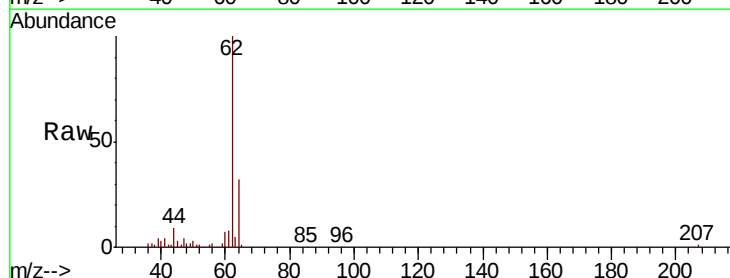
Acq: 27 Sep 2018 05:45

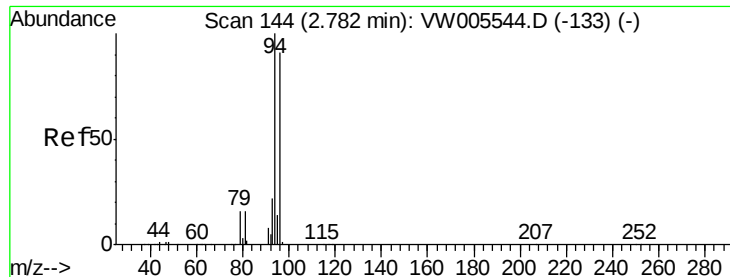
Tgt Ion: 62 Resp: 49508

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 20.090 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 30689

Ion Ratio Lower Upper

94 100

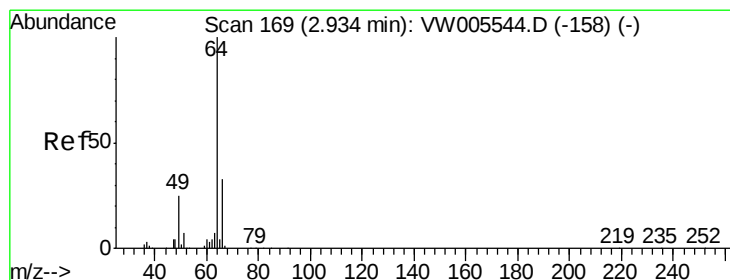
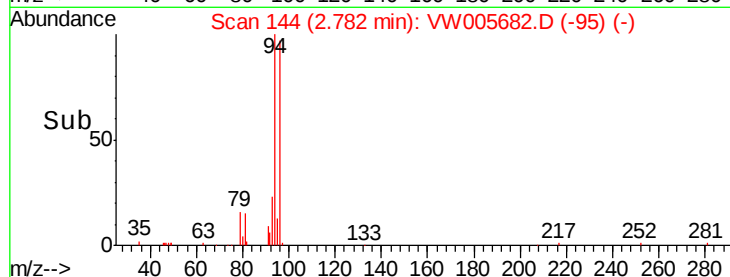
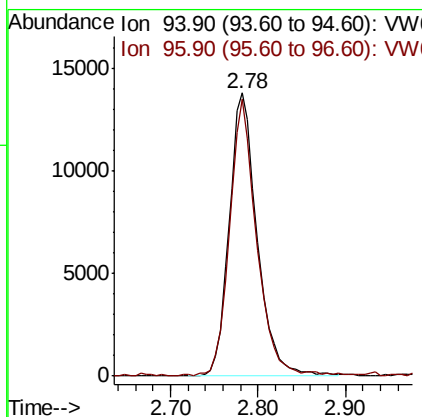
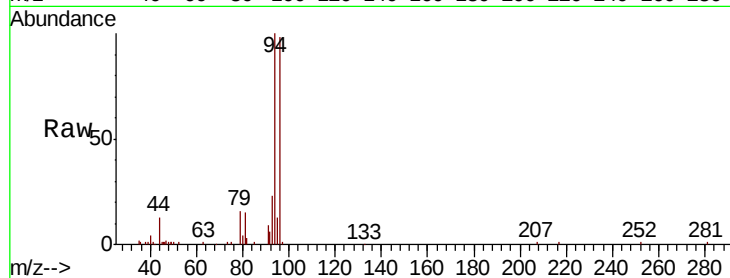
96 97.4 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 19.702 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005682.D

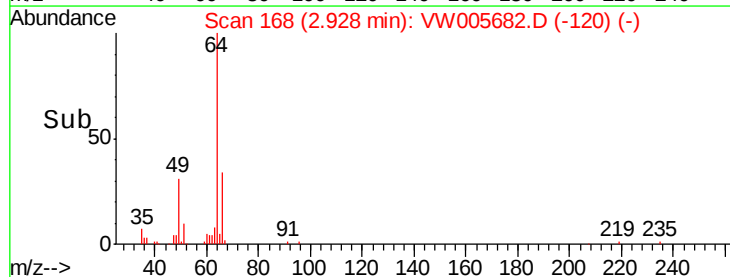
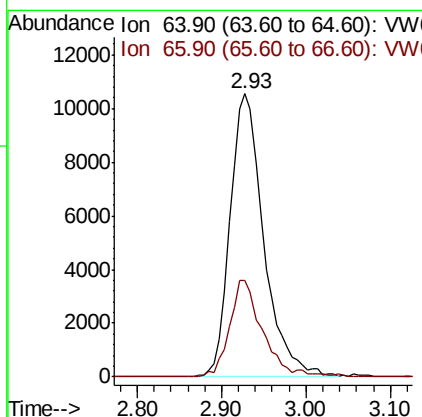
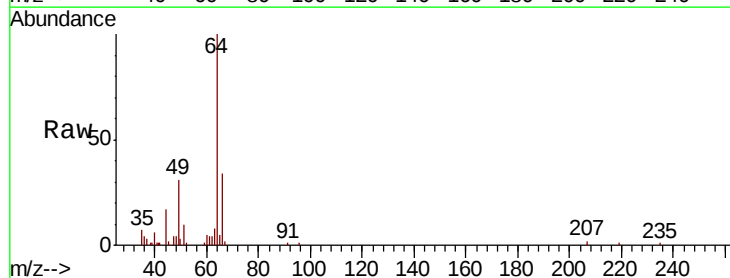
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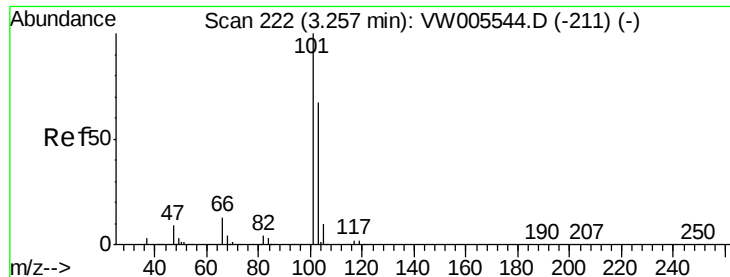
Tgt Ion: 64 Resp: 28576

Ion Ratio Lower Upper

64 100

66 34.2 26.0 39.0





#7

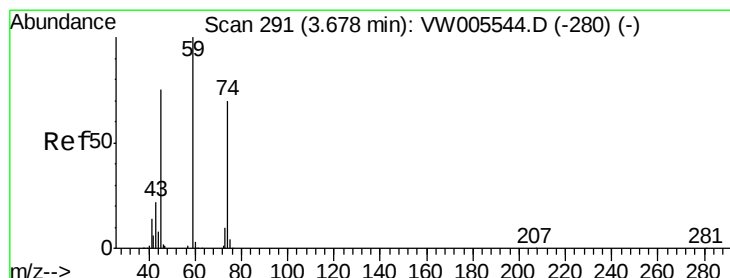
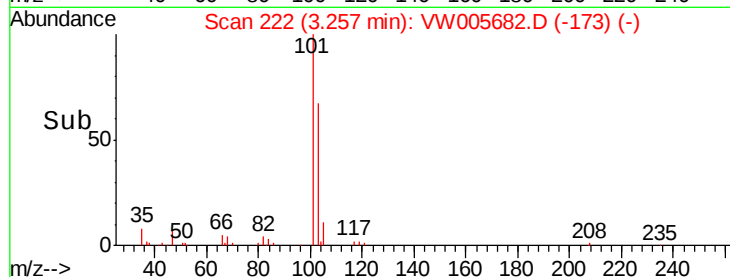
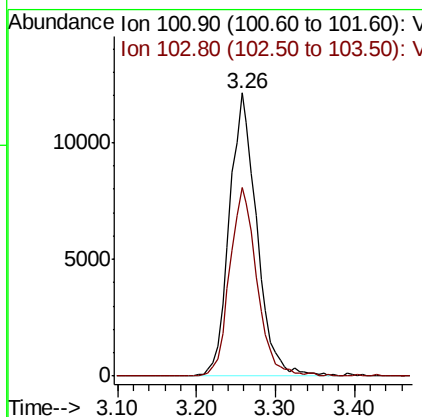
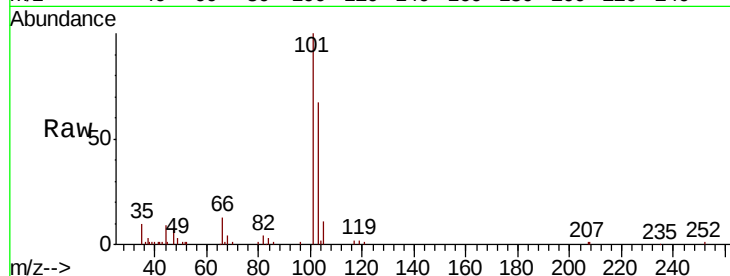
Trichlorofluoromethane
 Concen: 16.571 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005682.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	53.2	79.8

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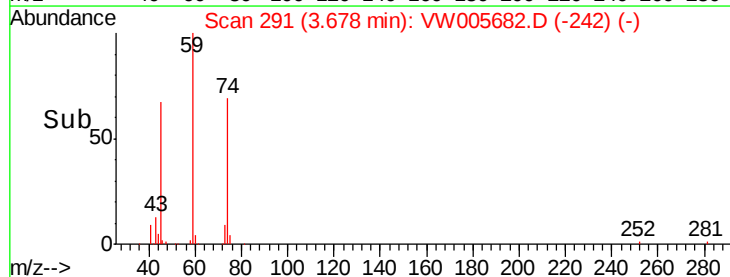
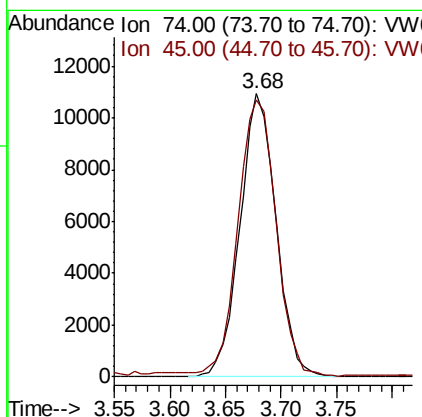
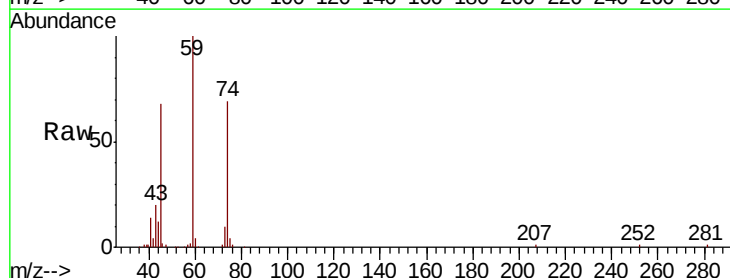
apatel
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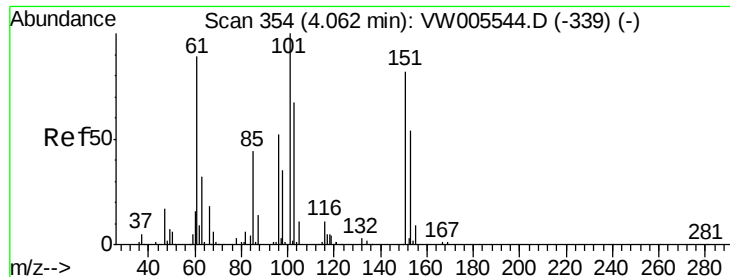


#8

Diethyl Ether
 Concen: 21.278 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.7	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.466 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

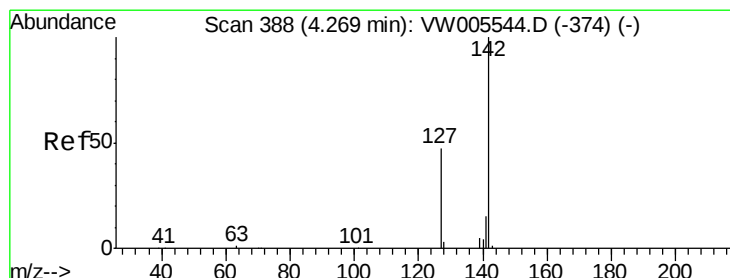
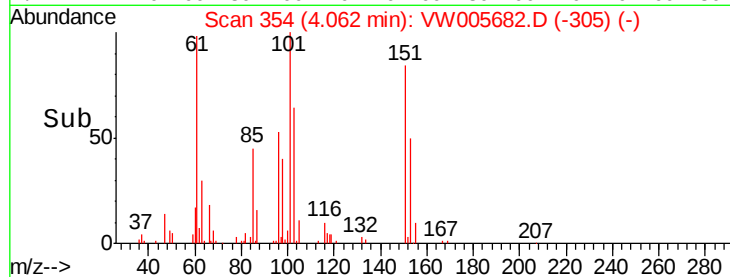
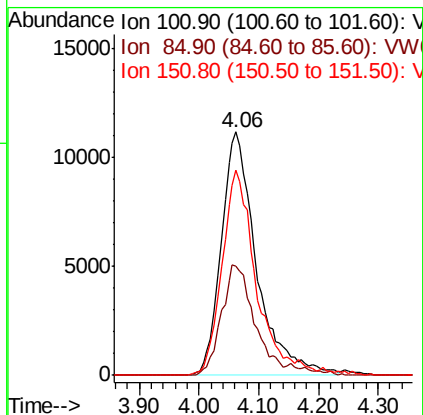
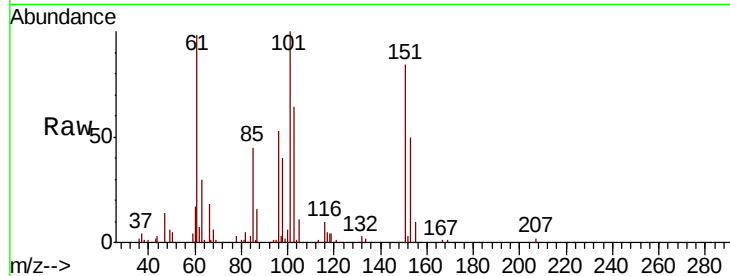
ClientSampleId :

VW092618SBS02

Tot Ion:	101	Resp:	45800
Ion Ratio	Lower	Upper	
101	100		
85	42.5	36.4	54.6
151	81.3	65.8	98.6

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#10

Methyl Iodide

Concen: 21.363 ug/l

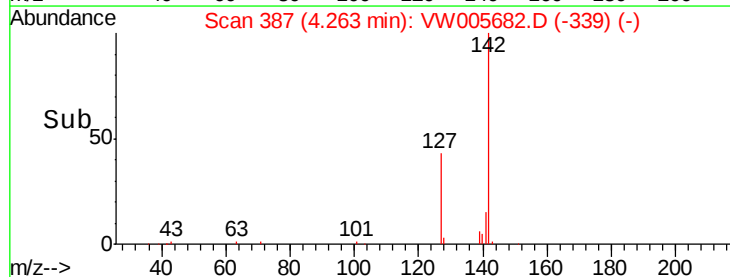
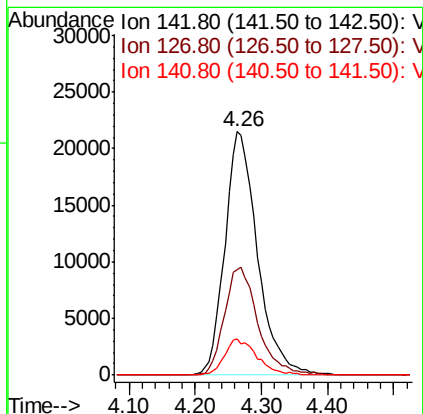
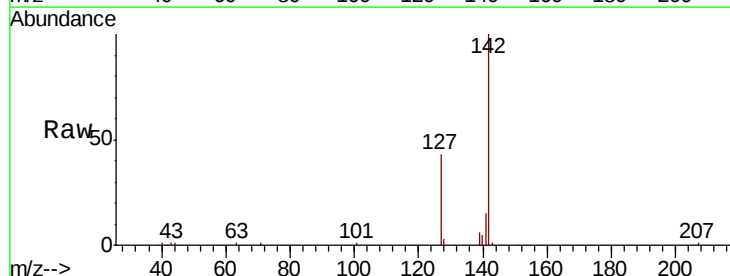
RT: 4.26 min Scan# 387

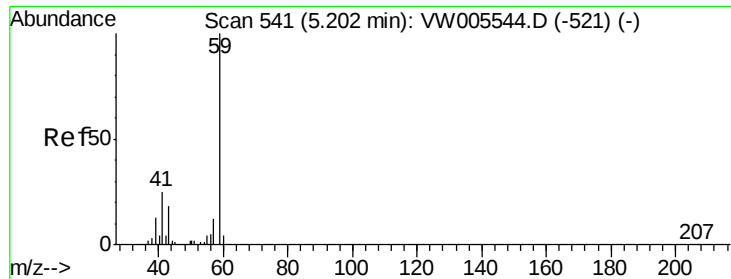
Delta R.T. -0.01 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Tgt Ion:	142	Resp:	73524
Ion Ratio	Lower	Upper	
142	100		
127	45.1	37.4	56.0
141	14.9	11.9	17.9





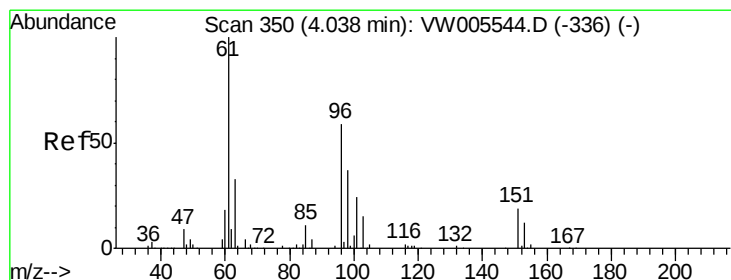
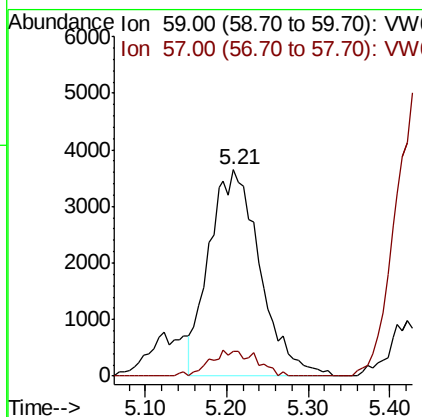
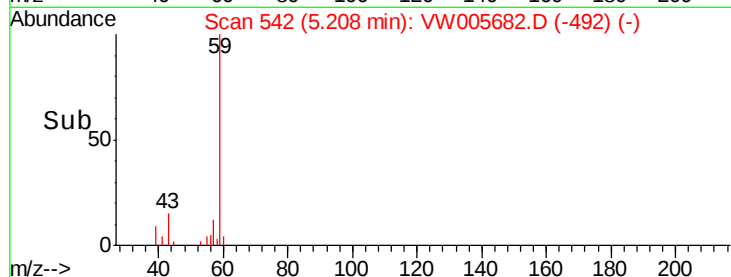
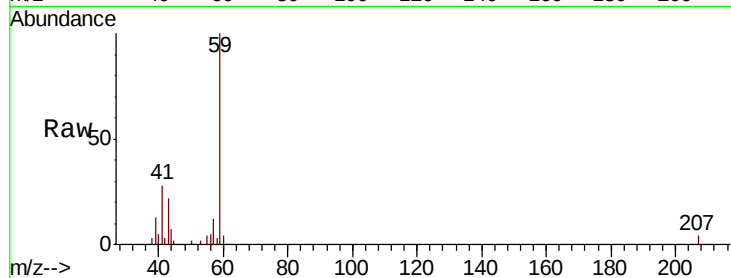
#11
Tert butyl alcohol
Concen: 109.176 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.01 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.3	12.5

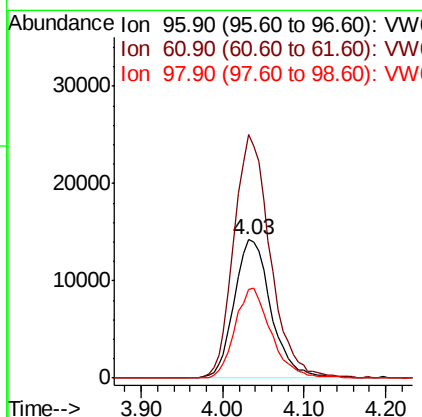
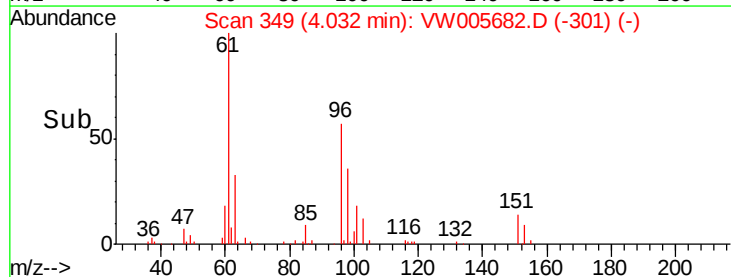
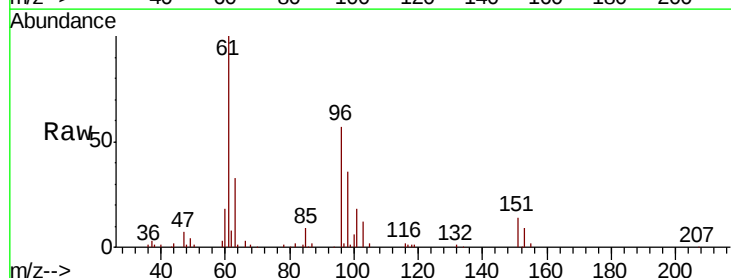
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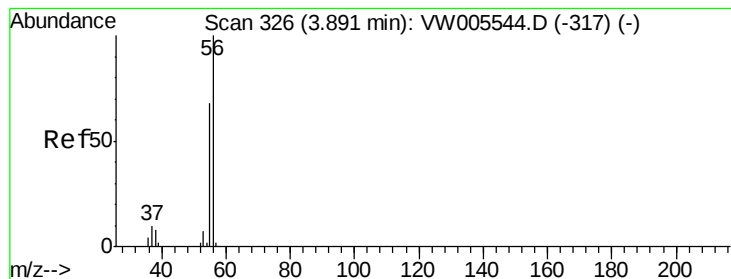
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#12
1,1-Dichloroethene
Concen: 20.815 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.1	135.0	202.6
98	63.8	50.6	76.0





#13

Acrolein

Concen: 99.316 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

Tot Ion: 56 Resp: 10638

Ion Ratio Lower Upper

56 100

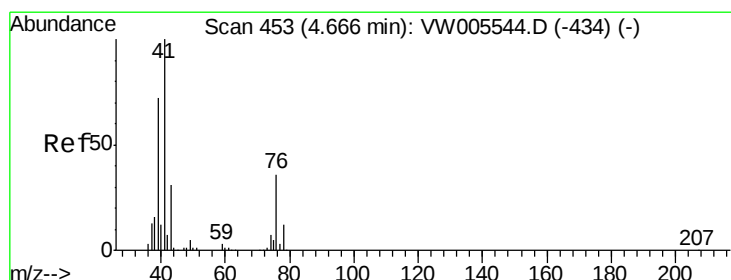
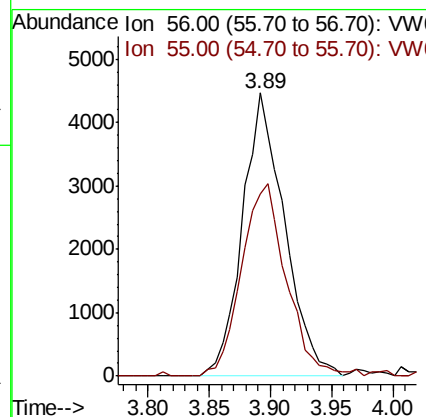
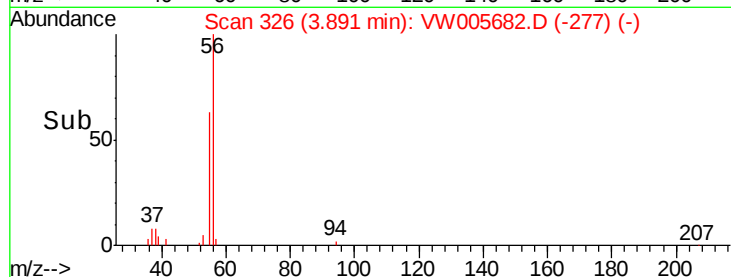
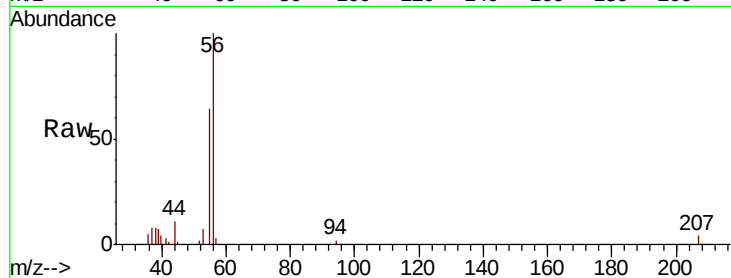
55 72.6 57.8 86.8

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#14

Allyl chloride

Concen: 20.714 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

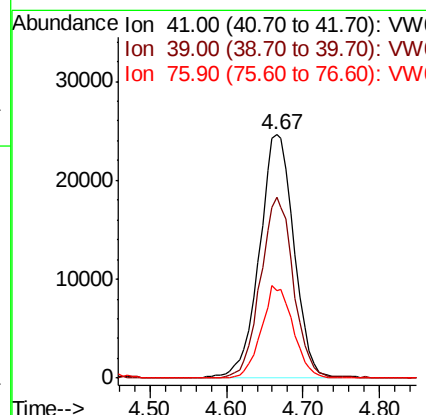
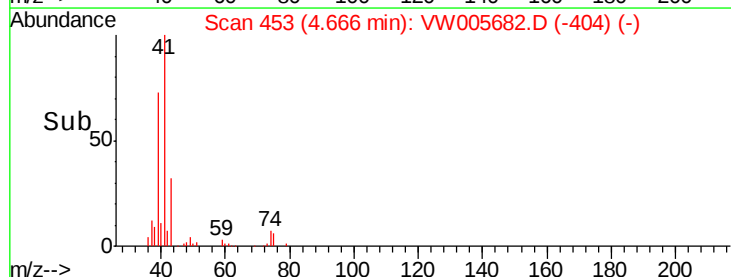
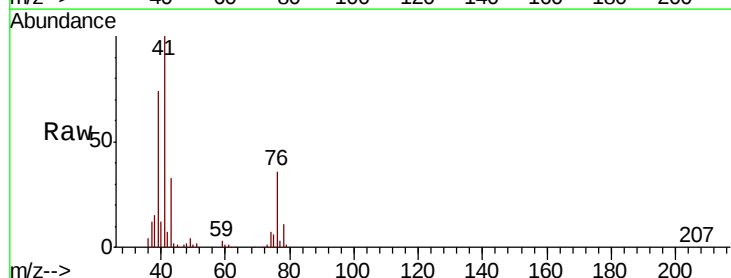
Tgt Ion: 41 Resp: 77451

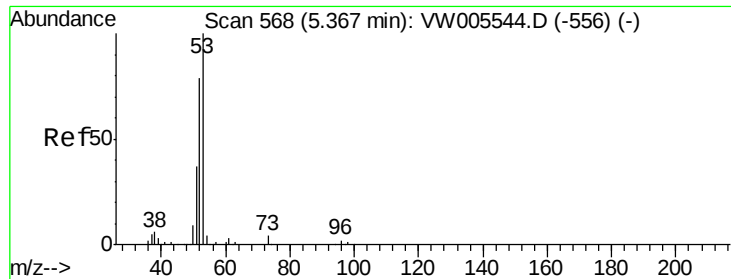
Ion Ratio Lower Upper

41 100

39 71.1 59.6 89.4

76 34.8 27.7 41.5





#15

Acrylonitrile

Concen: 105.762 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

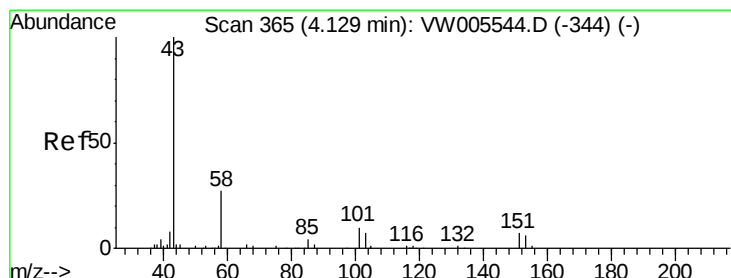
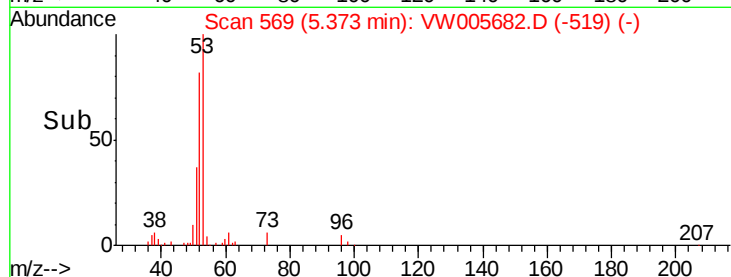
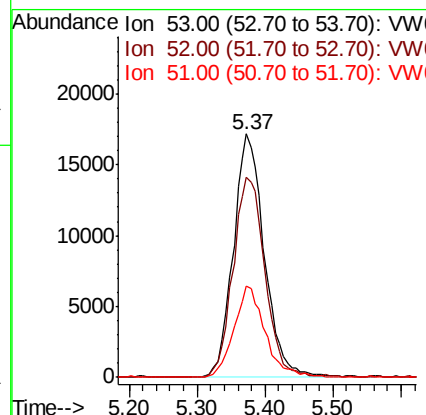
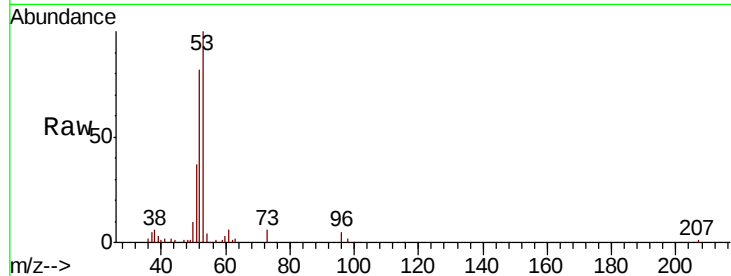
ClientSampleId :

VW092618SBS02

Tot Ion:	53	Resp:	54228
Ion Ratio	Lower	Upper	
53	100		
52	84.4	66.5	99.7
51	37.6	30.6	46.0

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#16

Acetone

Concen: 103.113 ug/l

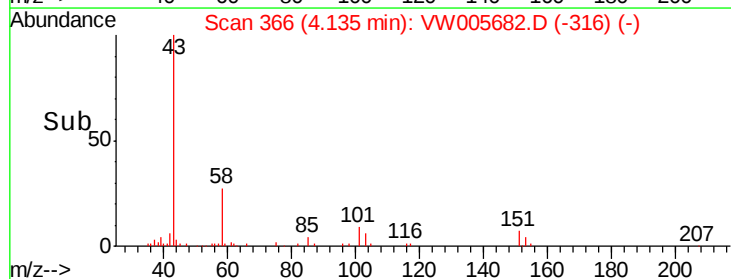
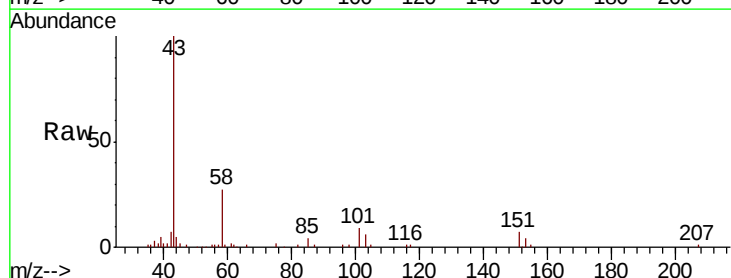
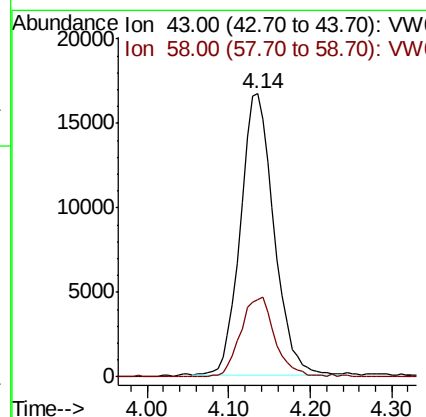
RT: 4.14 min Scan# 366

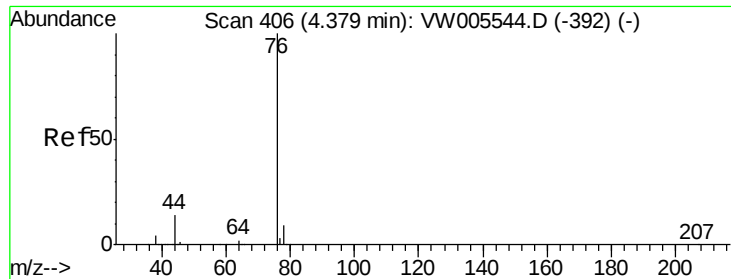
Delta R.T. 0.01 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Tgt Ion:	43	Resp:	47339
Ion Ratio	Lower	Upper	
43	100		
58	27.3	21.8	32.8





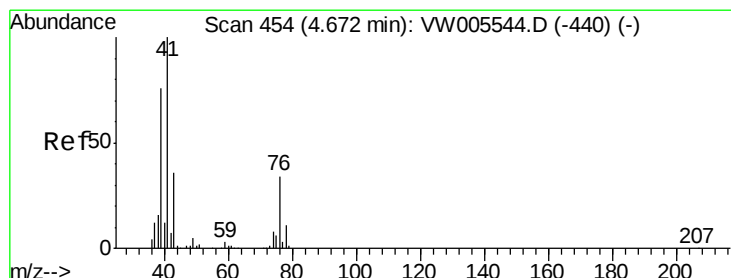
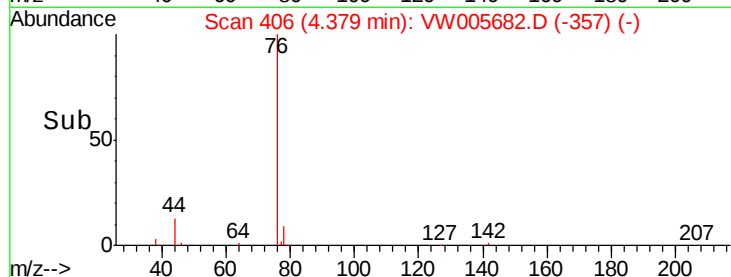
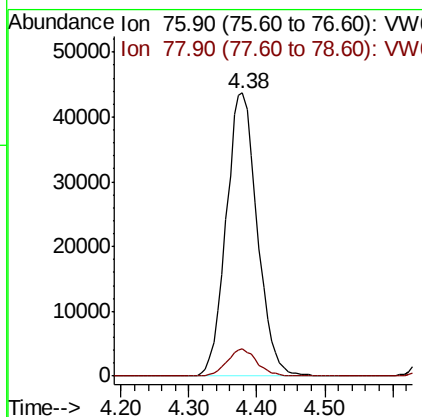
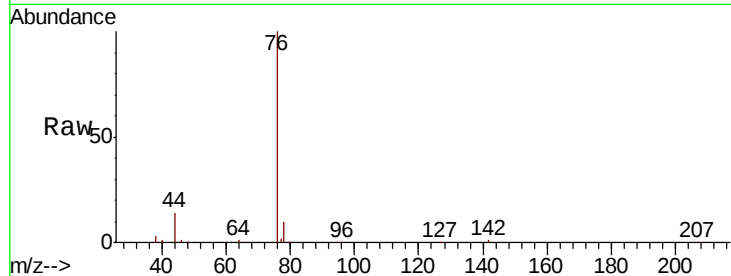
#17
Carbon Disulfide
Concen: 20.613 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

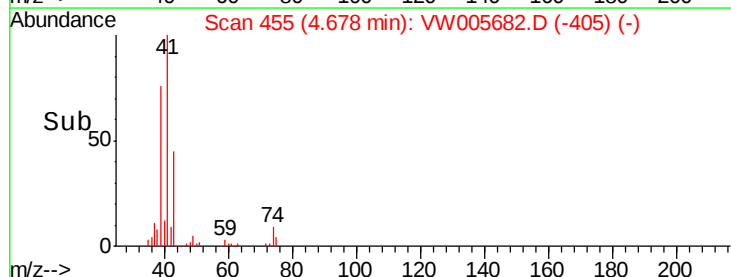
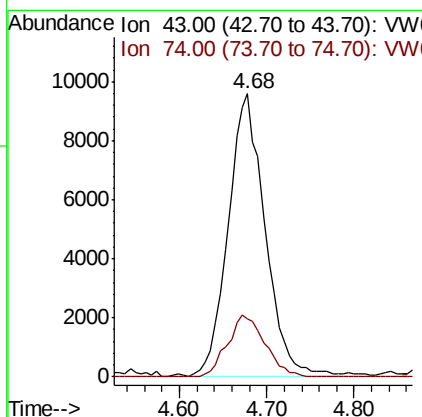
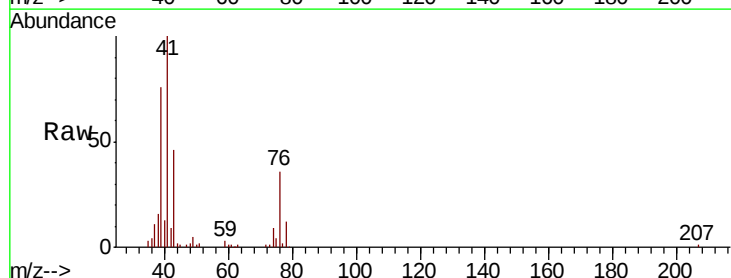
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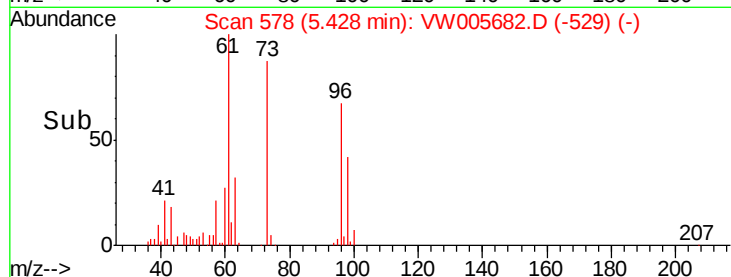
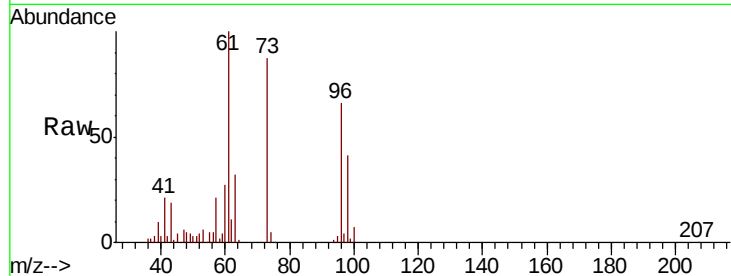
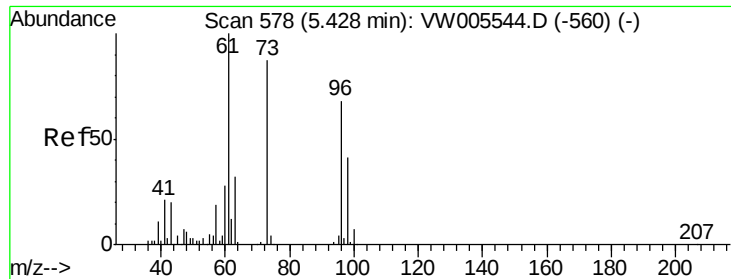
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#18
Methyl Acetate
Concen: 21.457 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	19.2	28.8





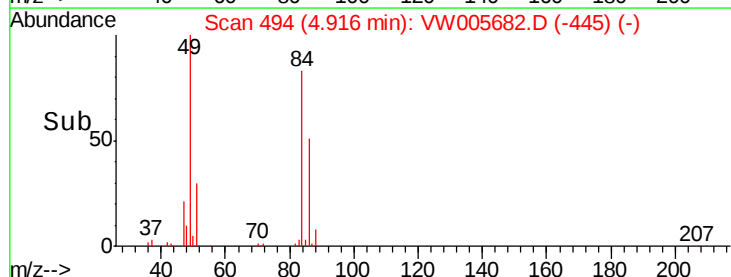
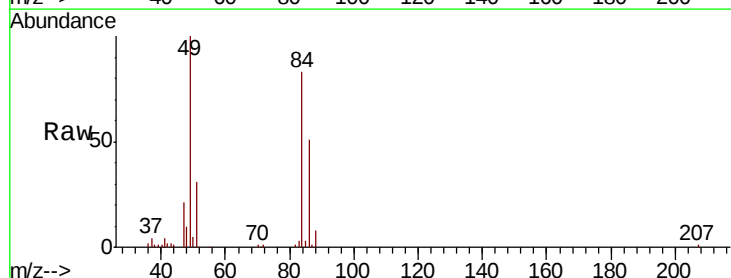
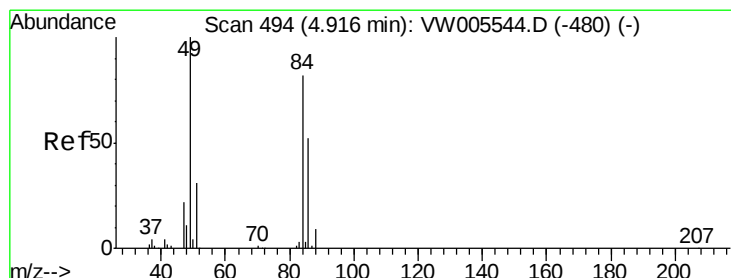
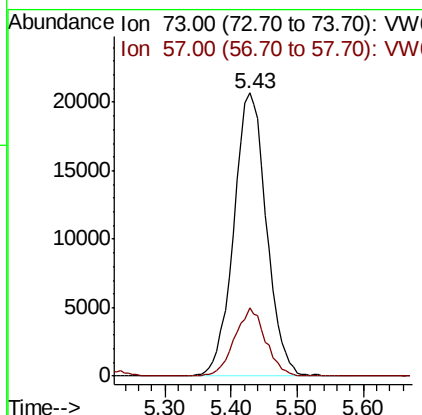
#19
Methyl tert-butyl Ether
Concen: 21.437 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tot Ion: 73 Resp: 70889
Ion Ratio Lower Upper
73 100
57 24.2 17.6 26.4

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

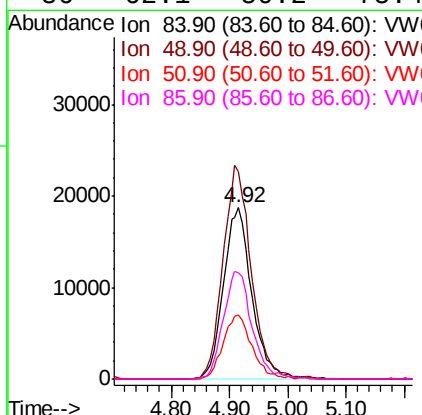
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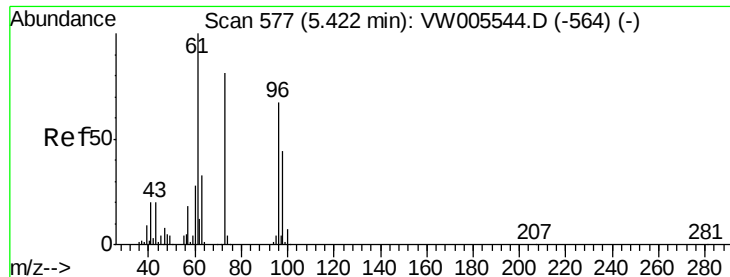
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#20
Methylene Chloride
Concen: 24.961 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion: 84 Resp: 62942
Ion Ratio Lower Upper
84 100
49 121.1 97.0 145.6
51 37.3 30.2 45.2
86 62.1 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 21.060 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

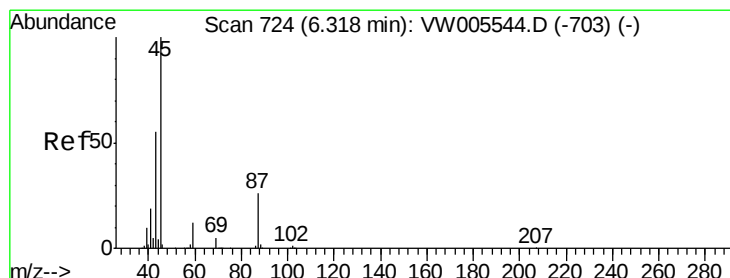
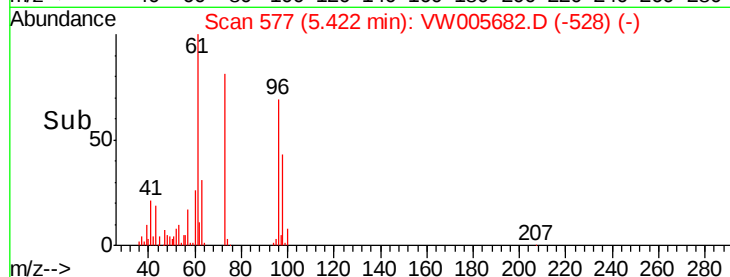
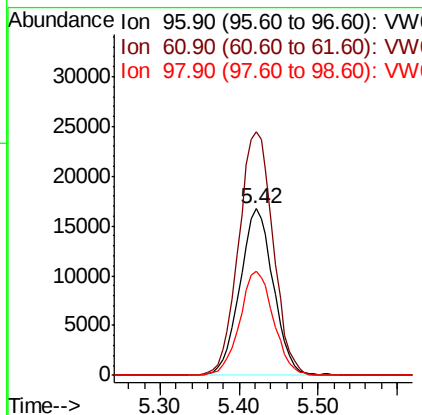
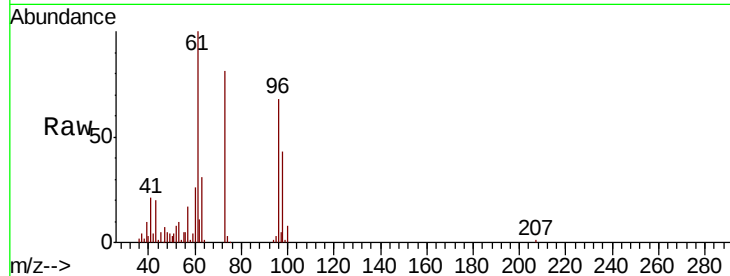
ClientSampleId :

VW092618SBS02

Tot Ion:	96	Resp:	49419
Ion	Ratio	Lower	Upper
96	100		
61	146.3	118.9	178.3
98	62.3	52.1	78.1

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#22

Diisopropyl ether

Concen: 22.096 ug/l

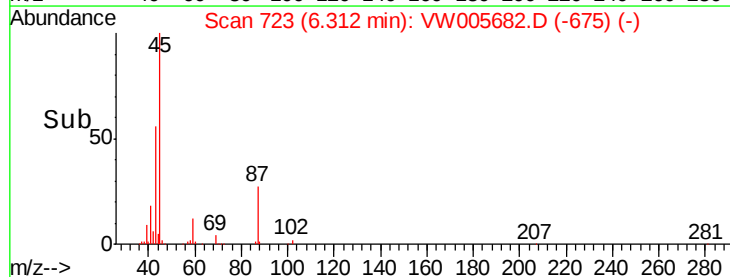
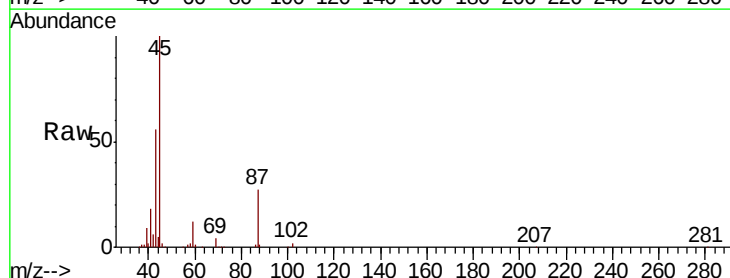
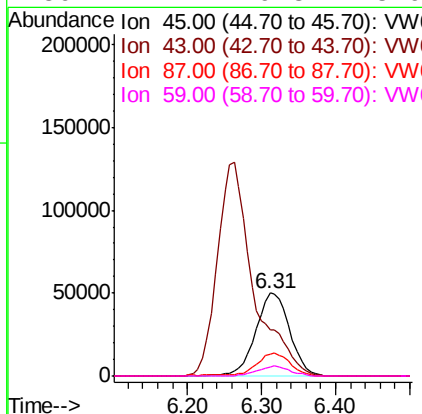
RT: 6.31 min Scan# 723

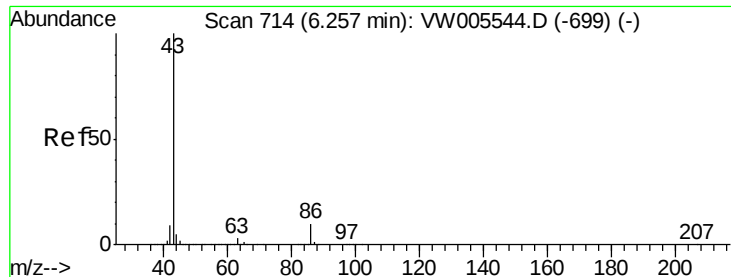
Delta R.T. -0.01 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Tgt Ion:	45	Resp:	160383
Ion	Ratio	Lower	Upper
45	100		
43	55.8	44.2	66.4
87	26.8	21.4	32.2
59	11.4	9.3	13.9





#23

Vinyl Acetate

Concen: 104.833 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

Tot Ion: 43 Resp: 434913

Ion Ratio Lower Upper

43 100

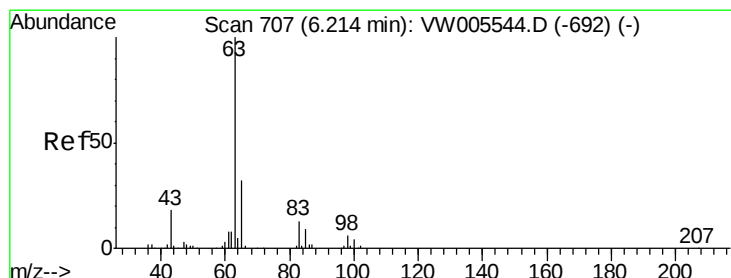
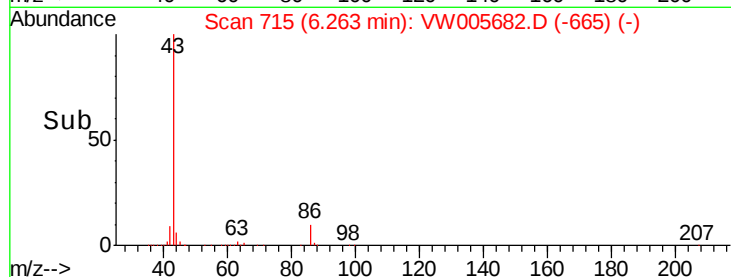
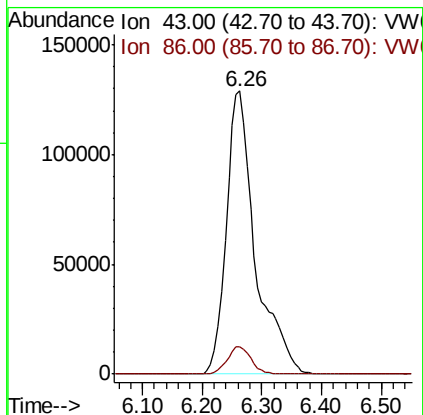
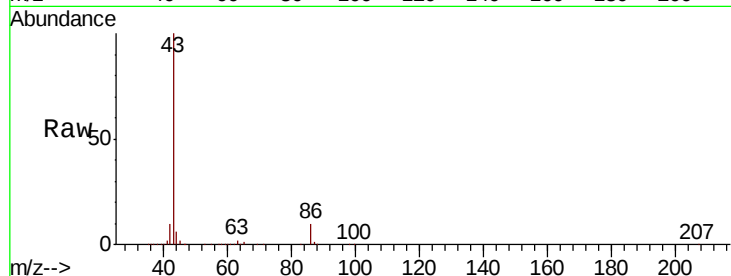
86 9.8 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 21.342 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

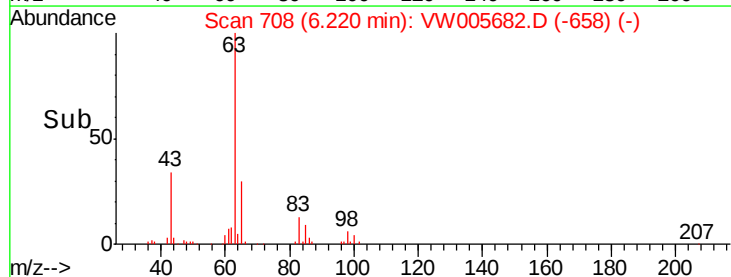
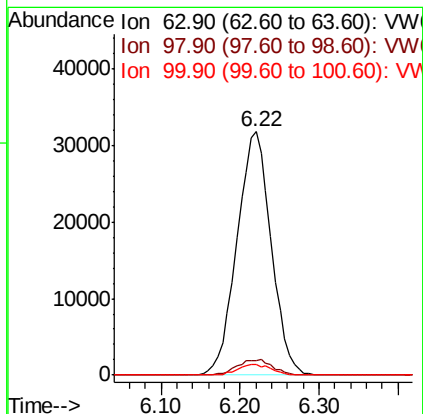
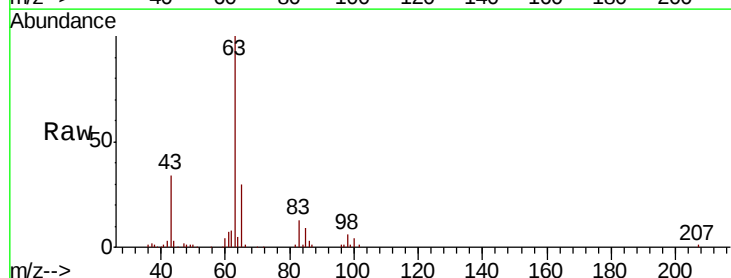
Tgt Ion: 63 Resp: 95706

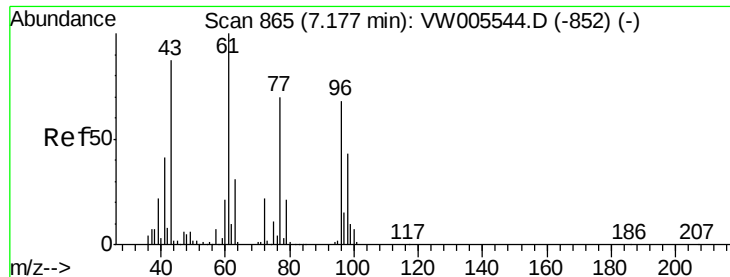
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 106.866 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

Tot Ion: 43 Resp: 71930

Ion Ratio Lower Upper

43 100

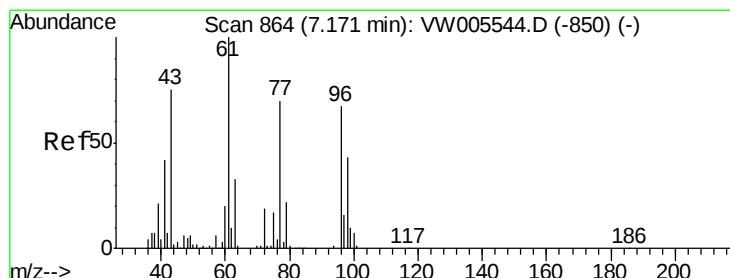
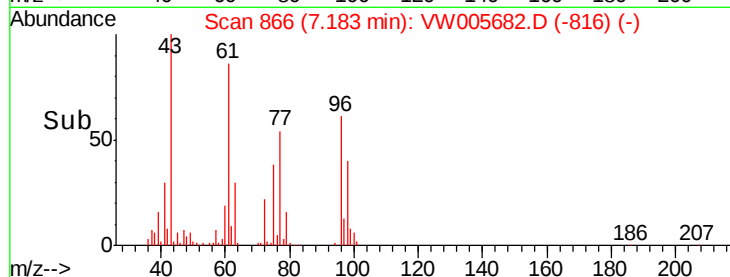
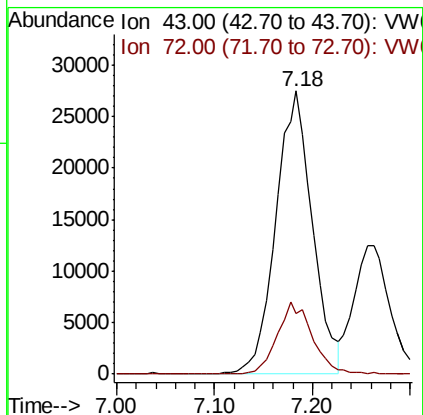
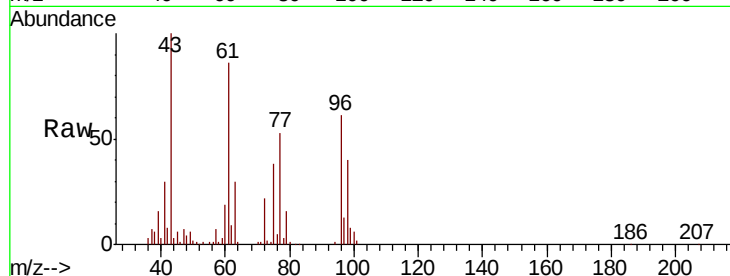
72 21.5 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 18.421 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005682.D

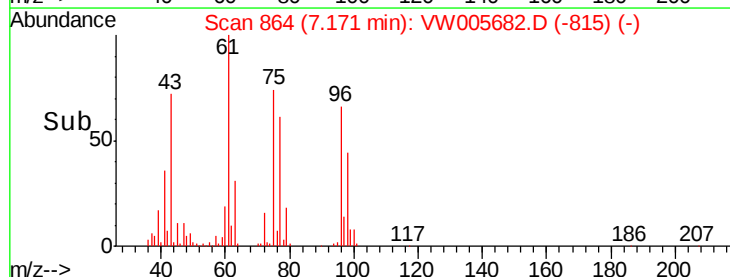
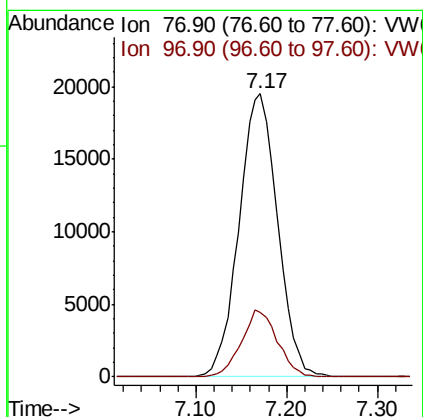
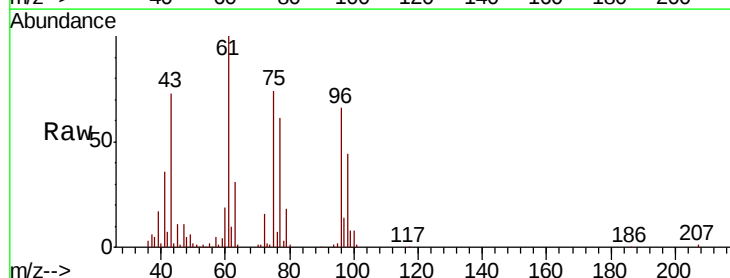
Acq: 27 Sep 2018 05:45

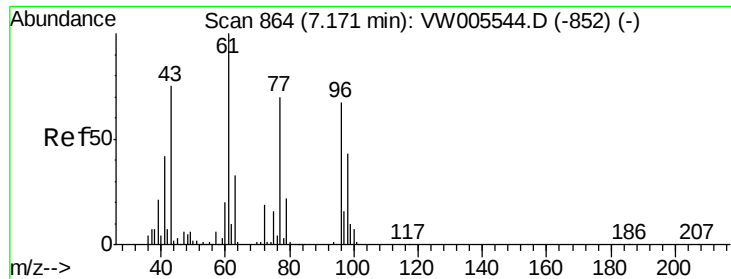
Tgt Ion: 77 Resp: 57670

Ion Ratio Lower Upper

77 100

97 22.1 11.0 33.0





#27

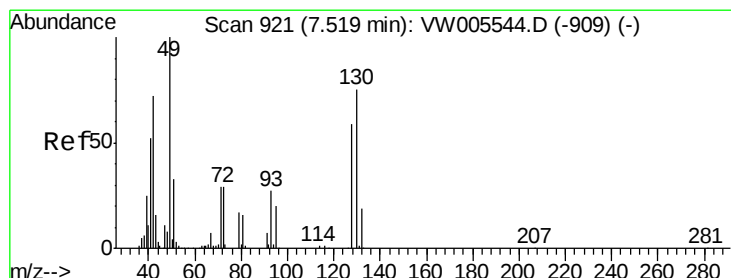
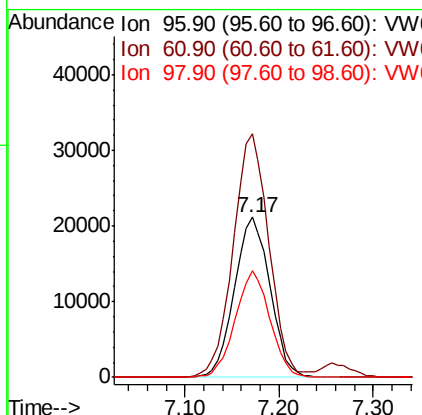
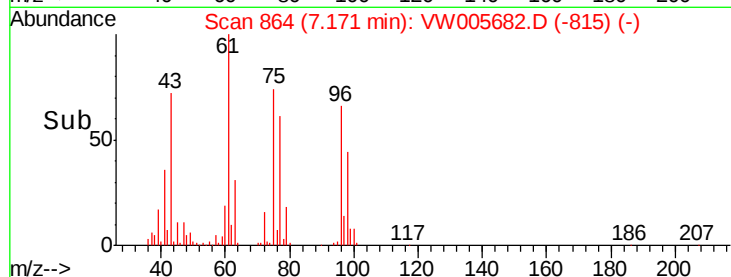
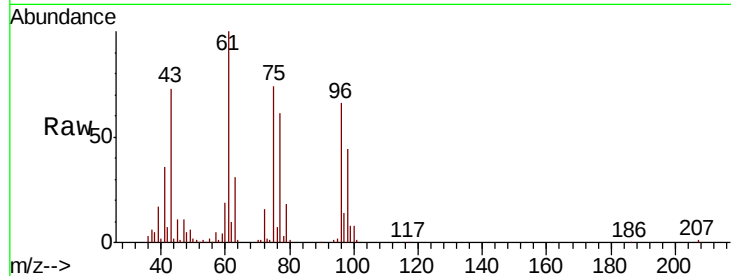
cis-1,2-Dichloroethene
Concen: 21.440 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	303.4
98	64.8	0.0	127.2

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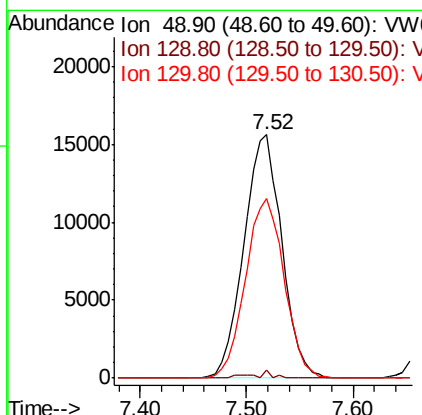
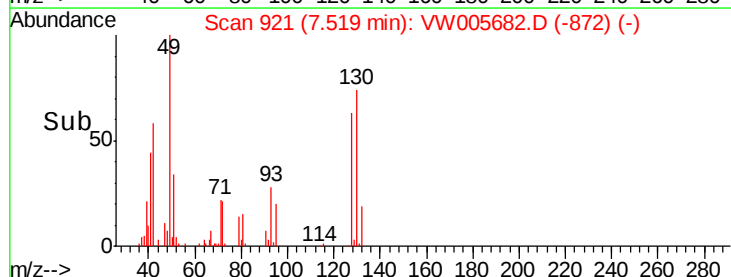
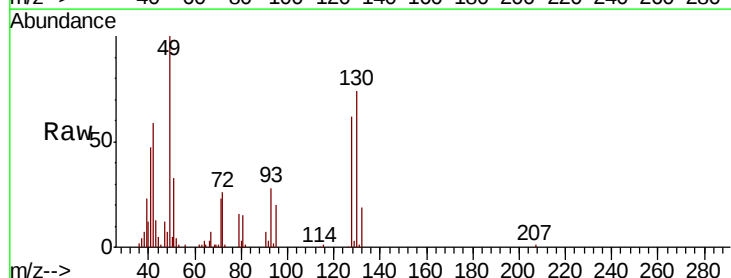
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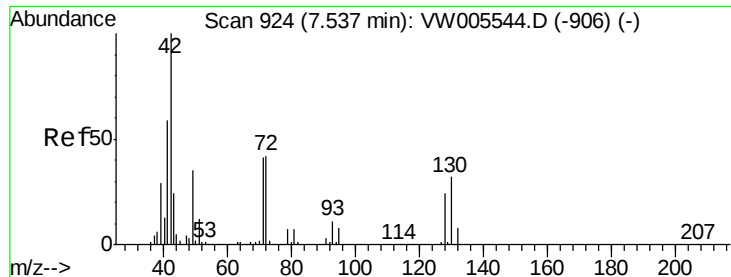


#28

Bromochloromethane
Concen: 22.020 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.4
130	75.3	61.3	91.9





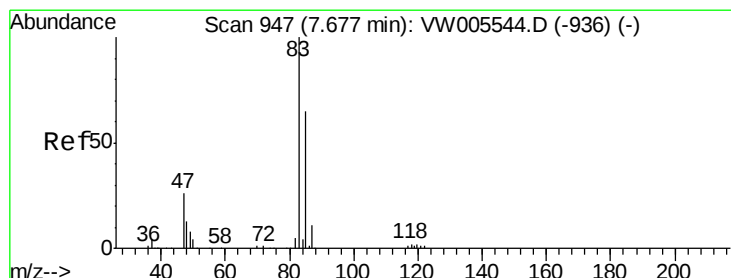
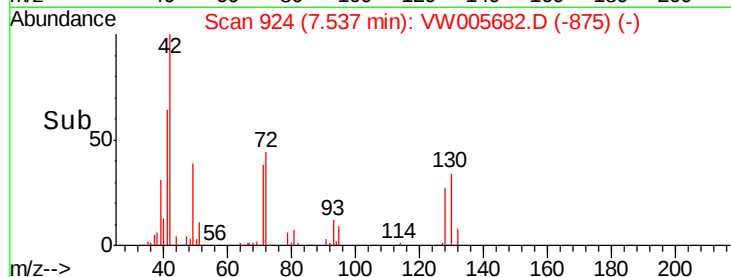
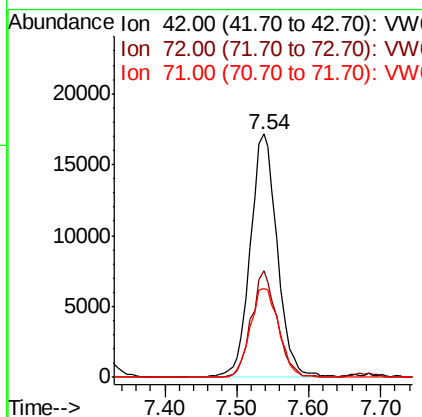
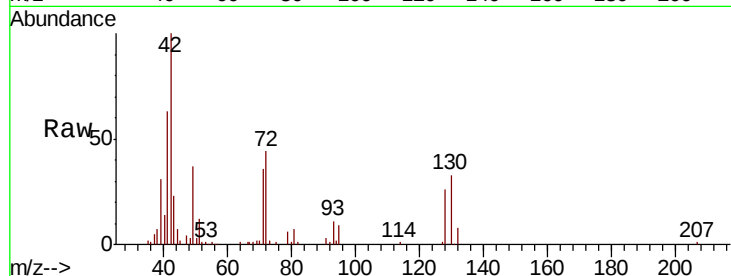
#29
Tetrahydrofuran
Concen: 106.702 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.6	50.4
71	38.6	31.8	47.6

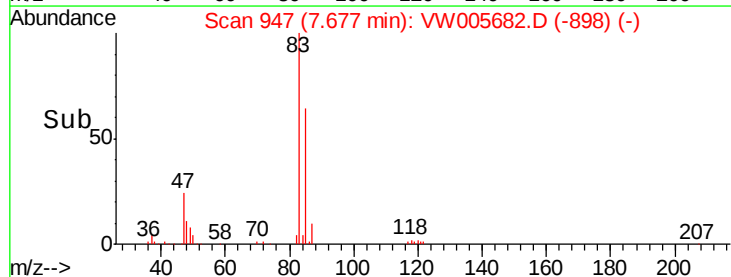
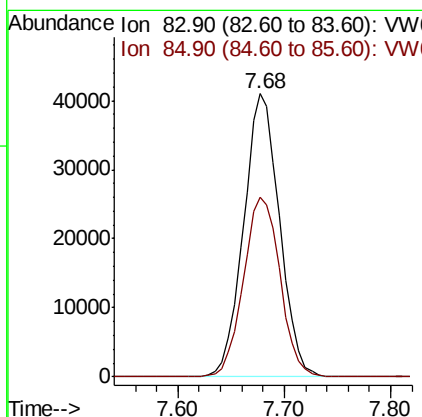
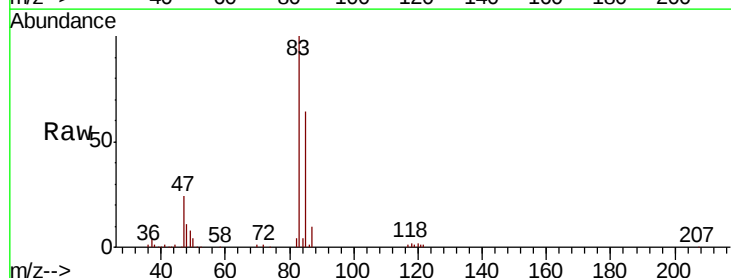
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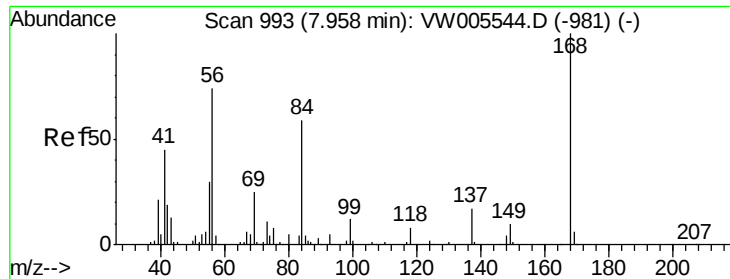
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#30
Chloroform
Concen: 20.985 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.6





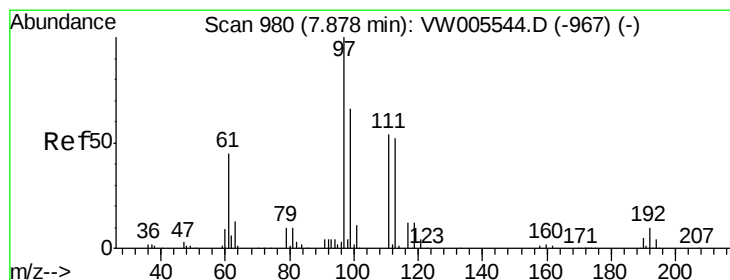
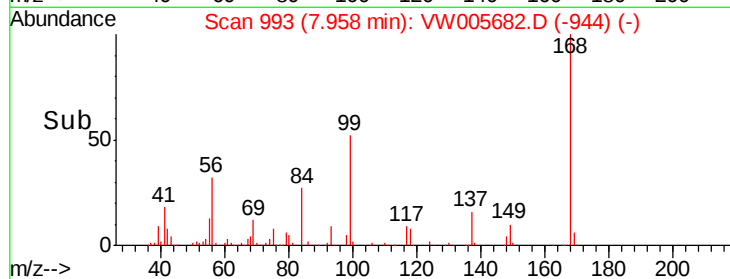
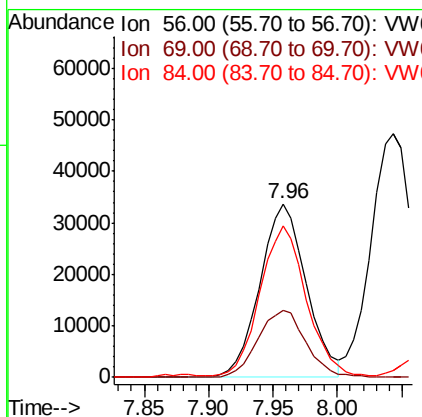
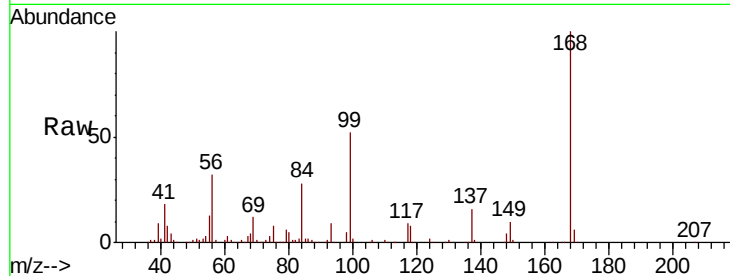
#31
Cyclohexane
Concen: 19.571 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.5	27.0	40.4
84	85.6	64.2	96.4

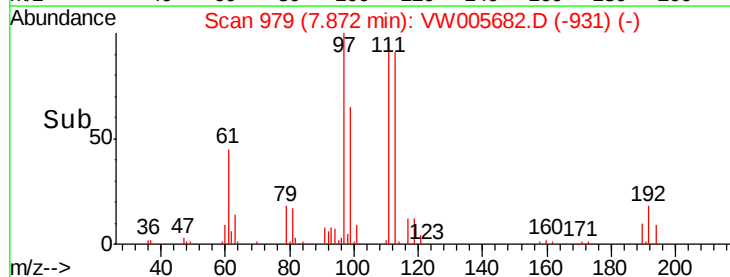
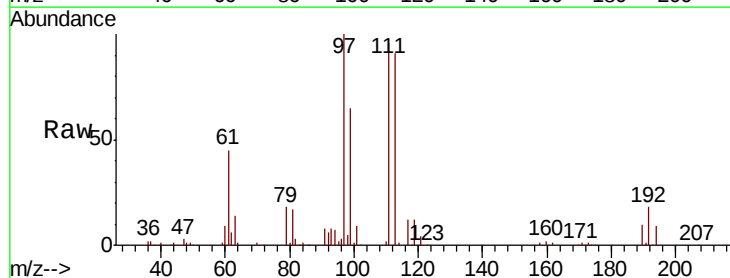
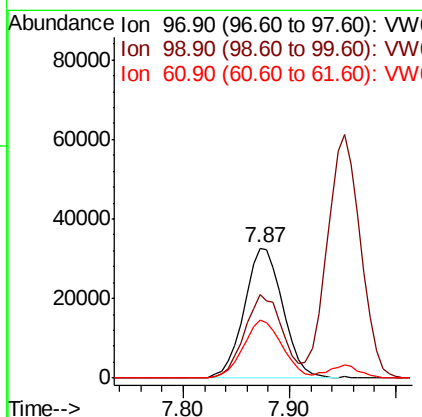
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 20.338 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.0	76.6
61	44.9	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 50.129 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

Tot Ion: 65 Resp: 138921

Ion Ratio Lower Upper

65 100

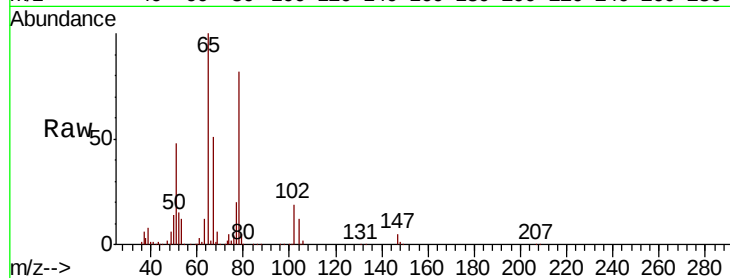
67 51.9 0.0 100.6

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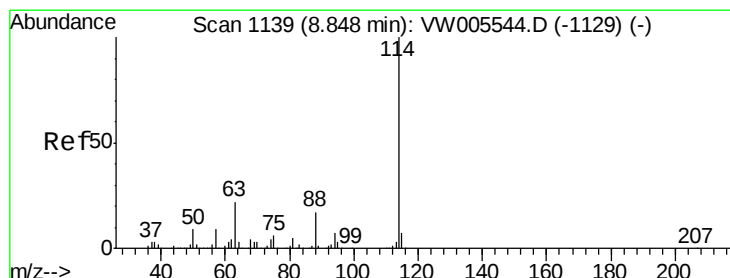
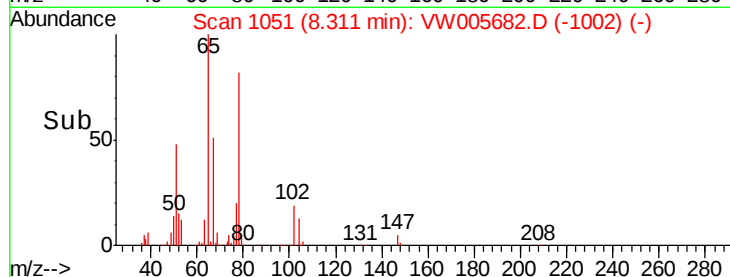
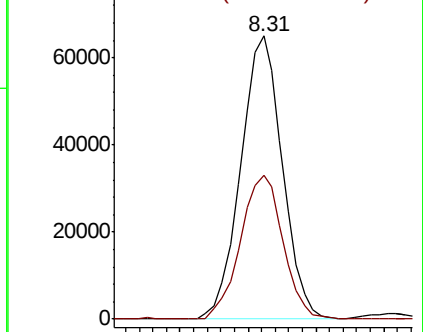
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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

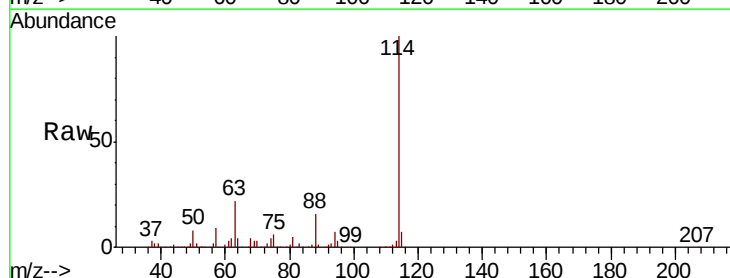
Tgt Ion: 114 Resp: 368201

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

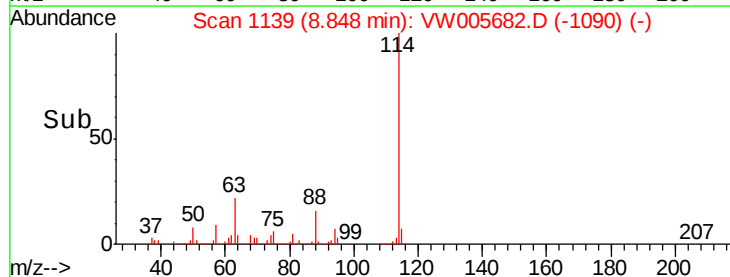
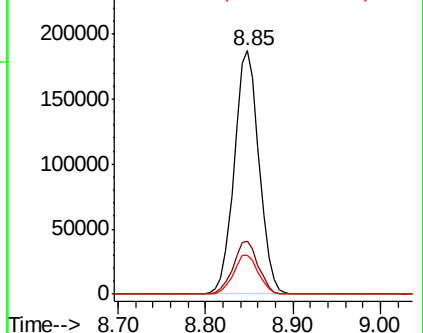
88 16.2 0.0 33.0

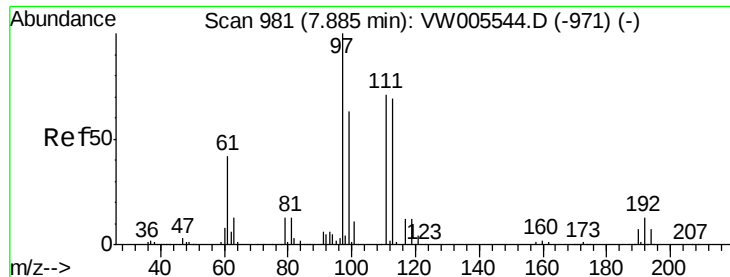


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.248 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

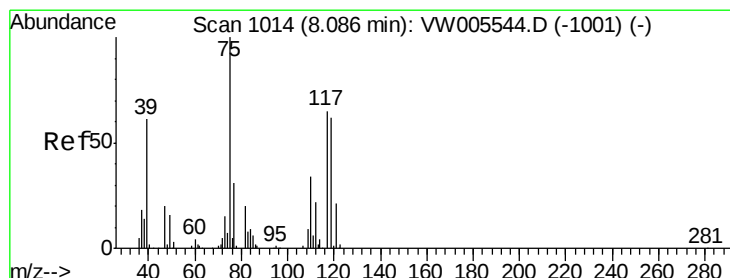
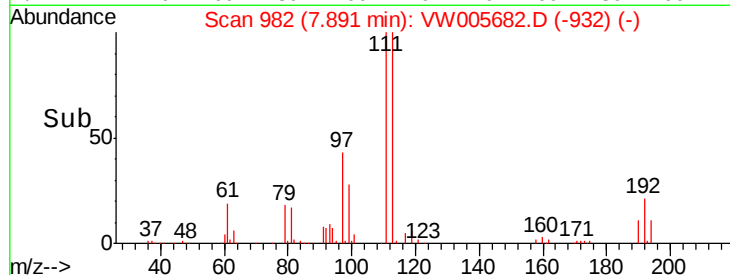
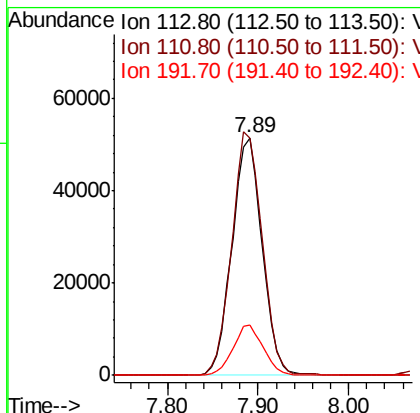
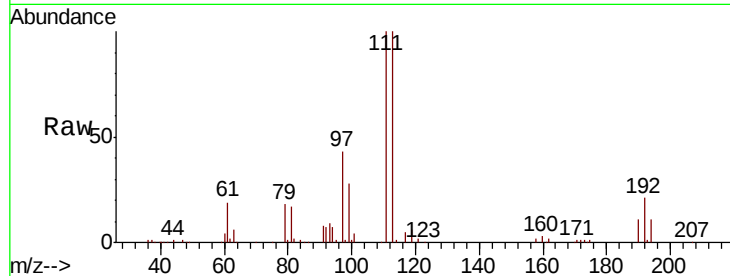
ClientSampled :

VW092618SBS02

Tot Ion:	113	Resp:	118663
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.6	123.8
192	21.0	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 20.325 ug/l

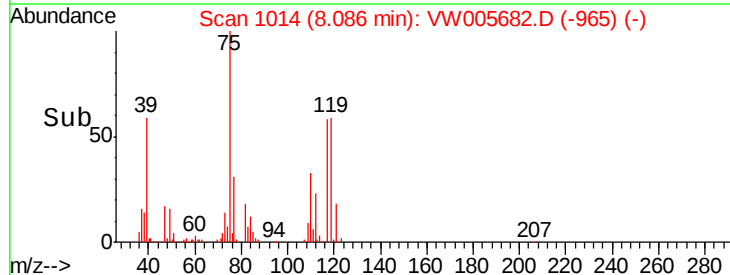
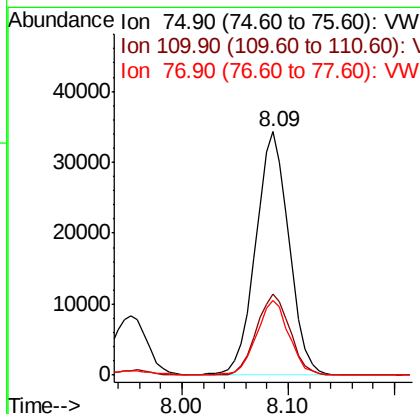
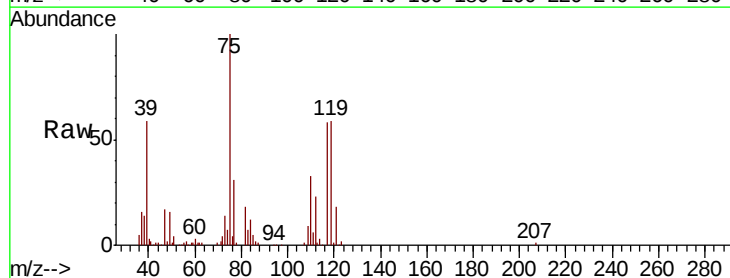
RT: 8.09 min Scan# 1014

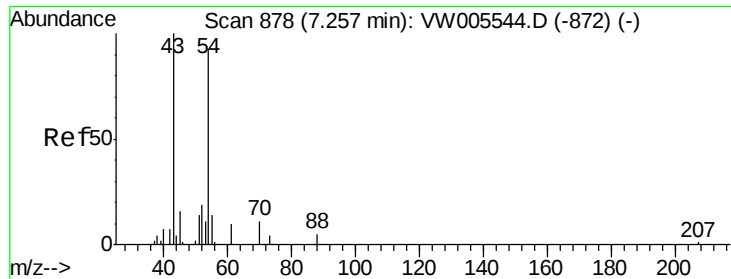
Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Tgt Ion:	75	Resp:	75336
Ion Ratio	Lower	Upper	
75	100		
110	33.3	17.0	50.9
77	30.3	24.8	37.2





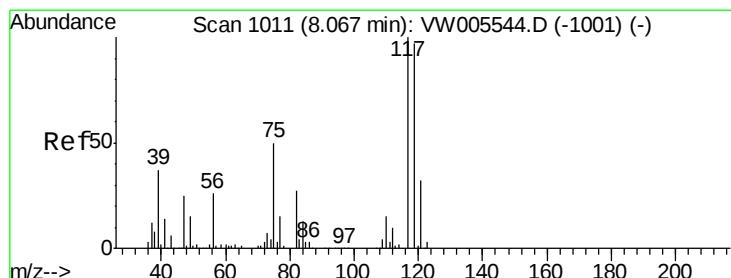
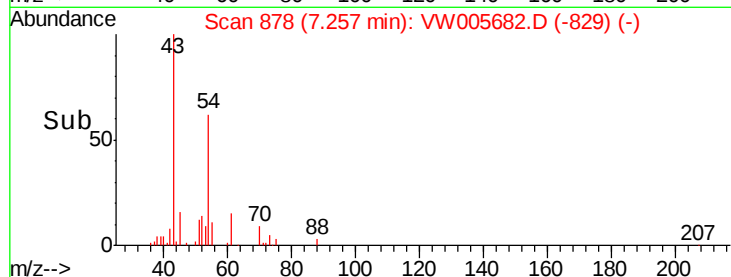
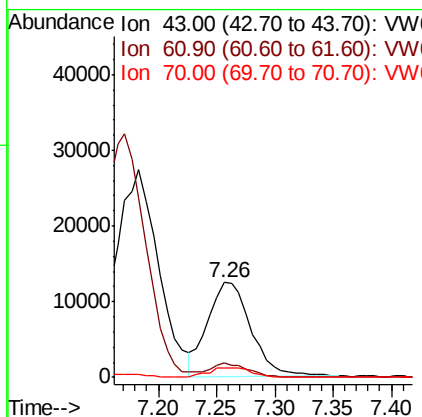
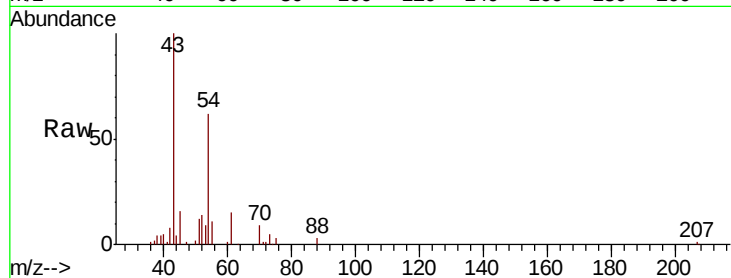
#37
Ethyl Acetate
Concen: 20.588 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	10.4	8.2	12.2

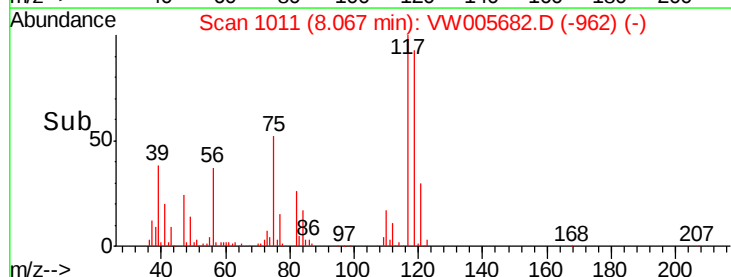
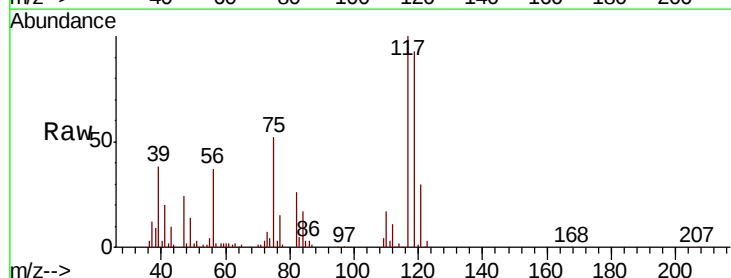
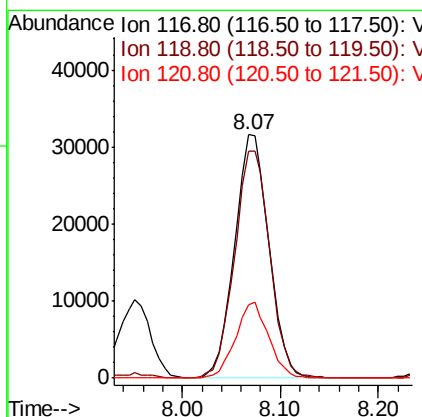
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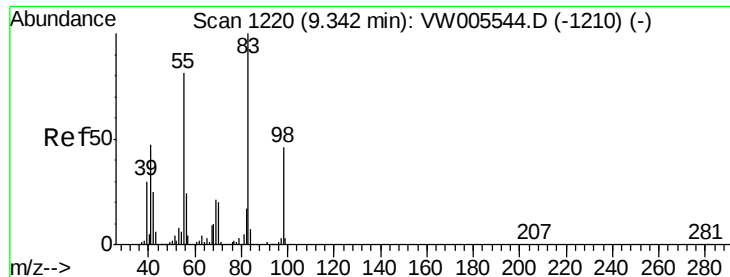
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#38
Carbon Tetrachloride
Concen: 19.377 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.6	116.4
121	30.2	25.7	38.5





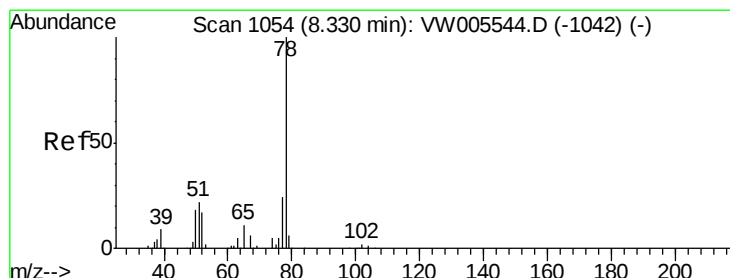
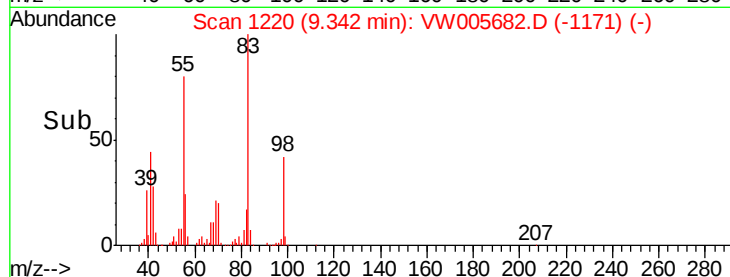
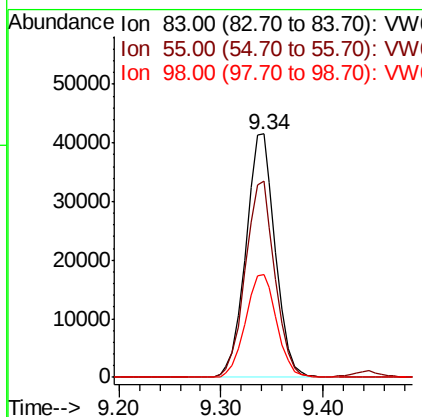
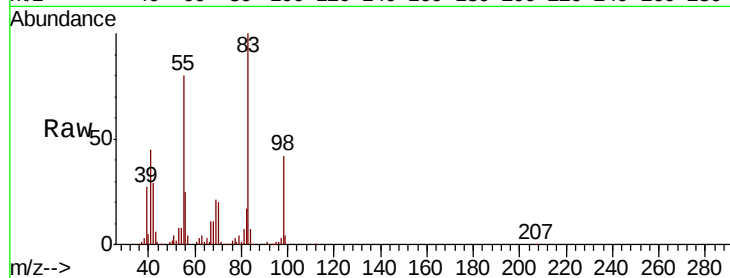
#39
Methvlcvclohexane
Concen: 19.010 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	64.6	97.0
98	42.5	37.0	55.6

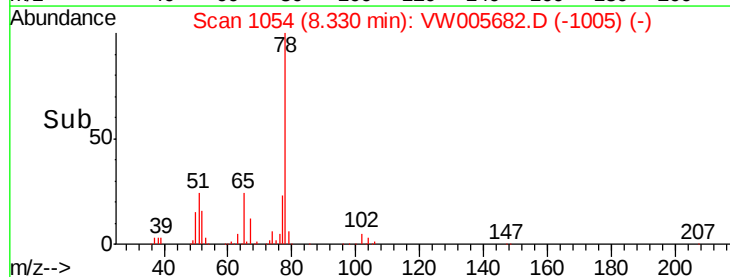
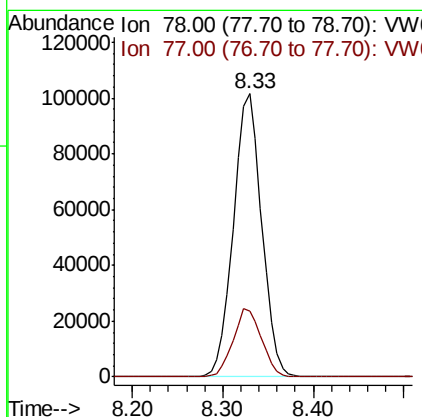
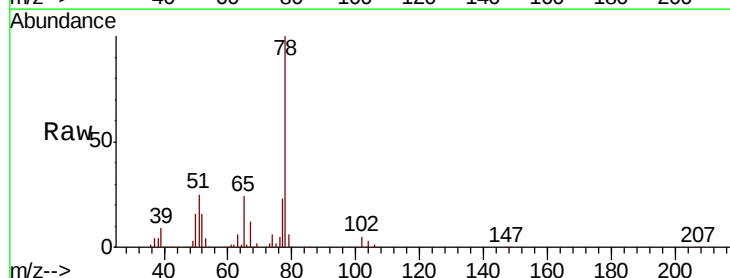
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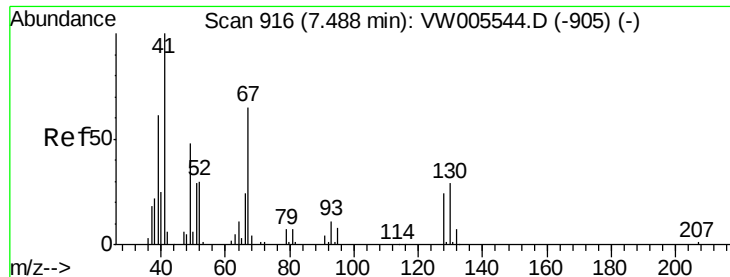
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#40
Benzene
Concen: 20.900 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





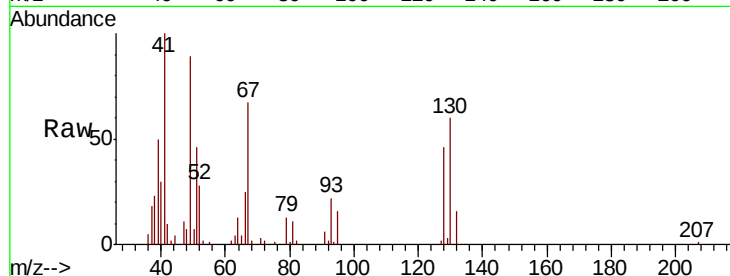
#41
Methacrylonitrile
Concen: 20.600 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

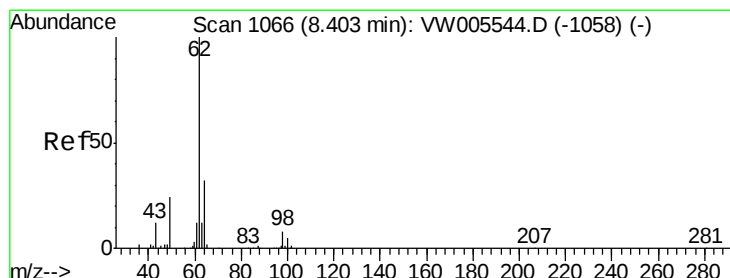
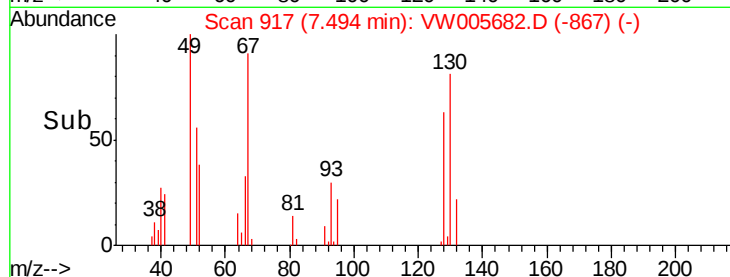
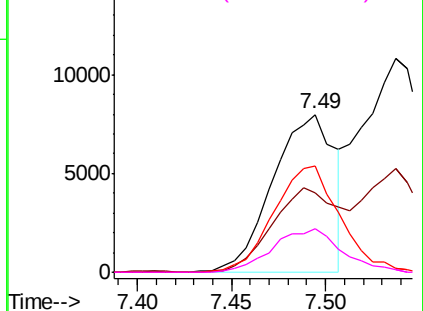
Tot Ion	Ratio	Lower	Upper
41	100		
39	59.4	45.4	68.2
67	72.1	55.2	82.8
52	30.5	25.3	37.9

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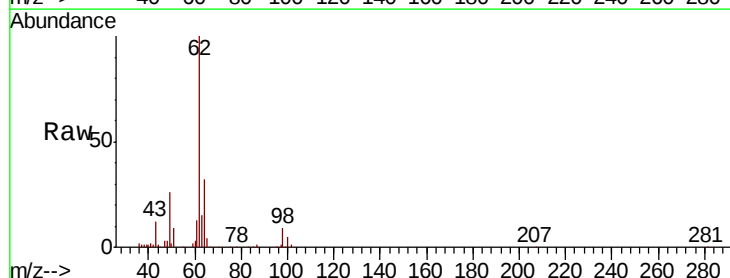


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

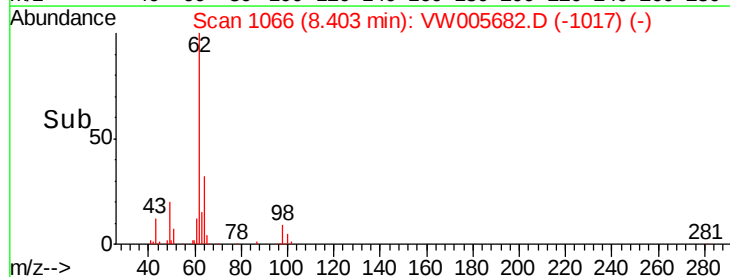
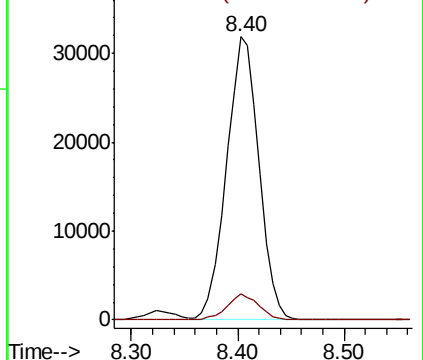


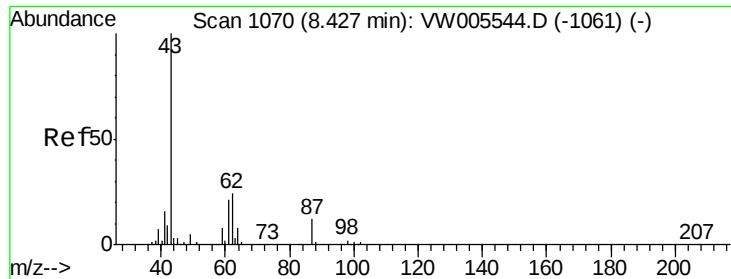
#42
1,2-Dichloroethane
Concen: 20.165 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	15.6



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





#43

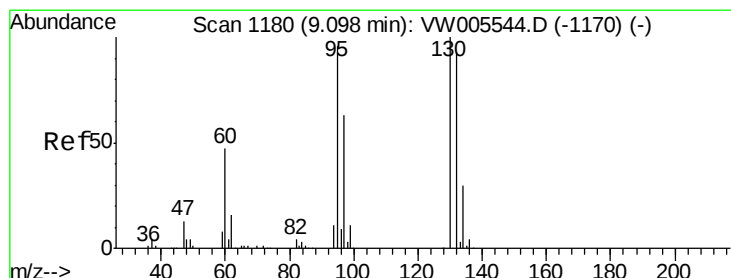
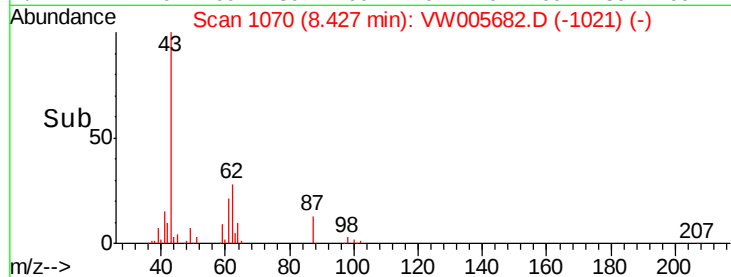
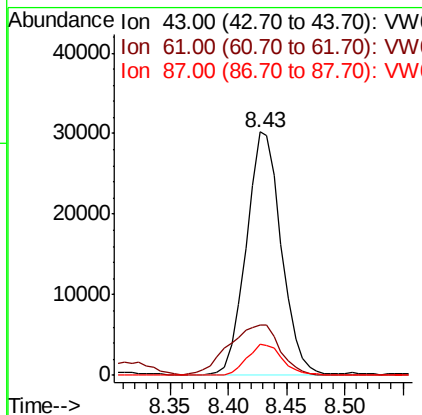
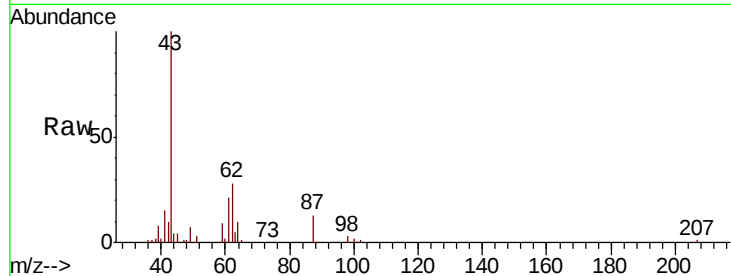
Isopropyl Acetate
 Concen: 20.430 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.3	24.1	36.1
87	12.9	9.8	14.8

Manual Integrations
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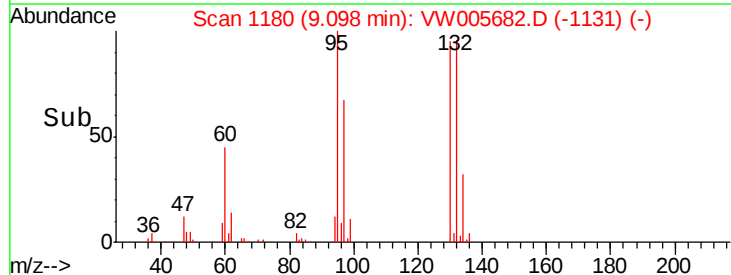
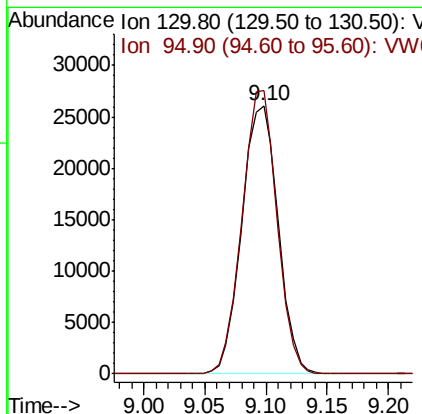
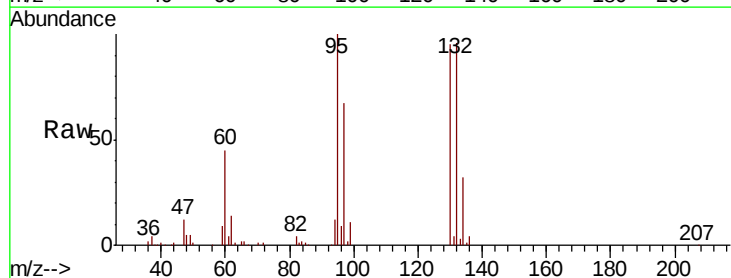
apatel
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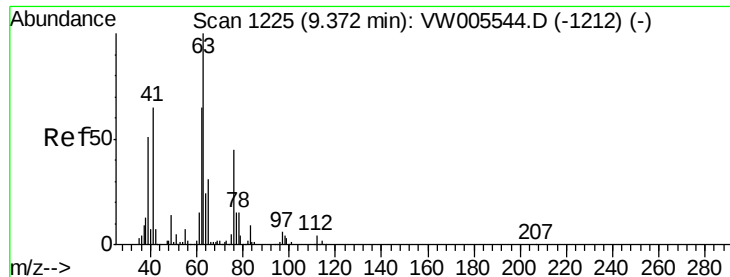


#44

Trichloroethene
 Concen: 20.077 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	191.2





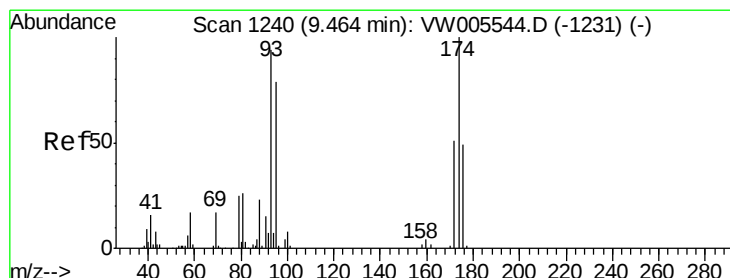
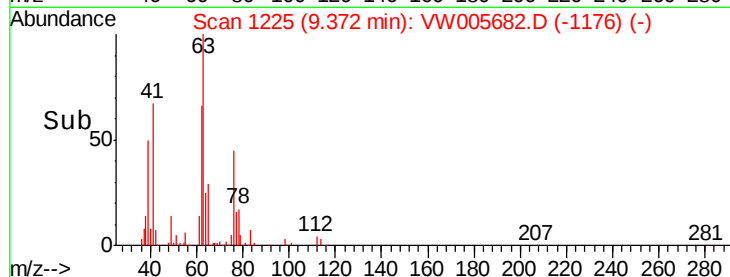
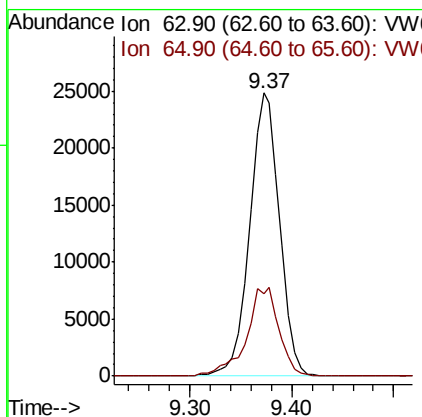
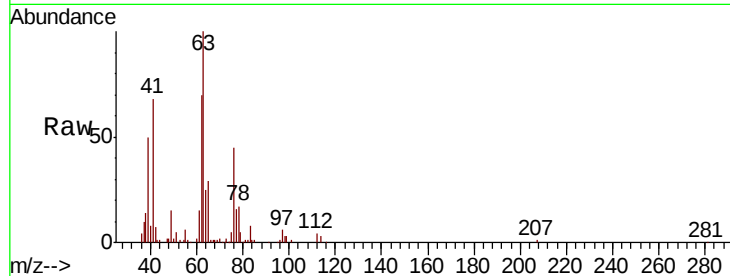
#45
 1,2-Dichloropropane
 Concen: 19.528 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.2	24.7	37.1

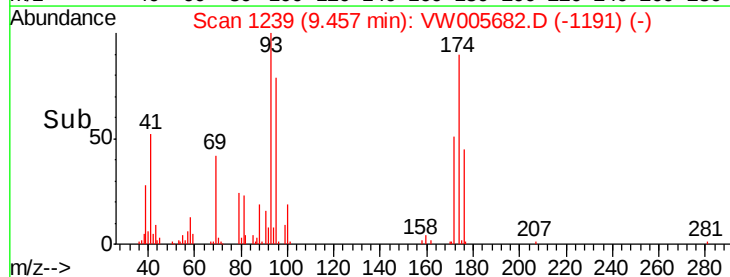
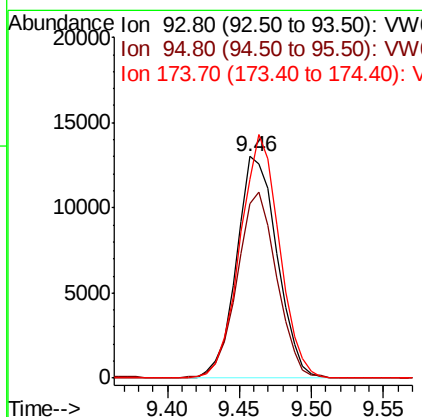
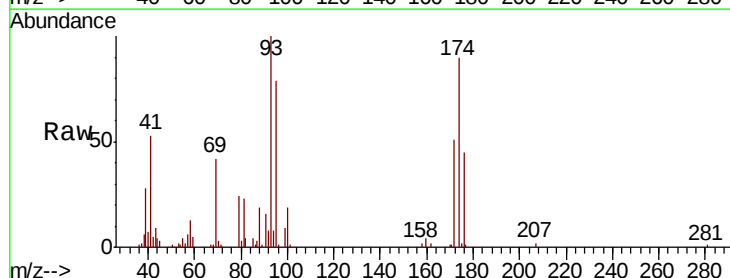
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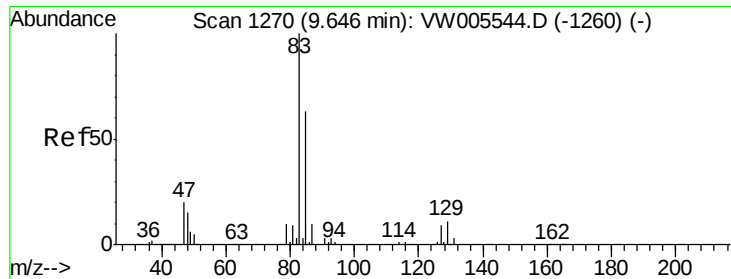
apatel
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#46
 Dibromomethane
 Concen: 19.700 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	65.8	98.8
174	106.4	84.0	126.0





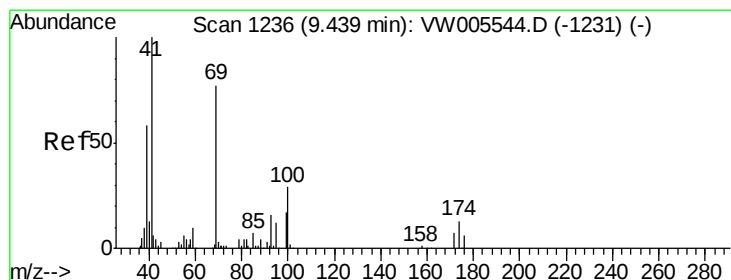
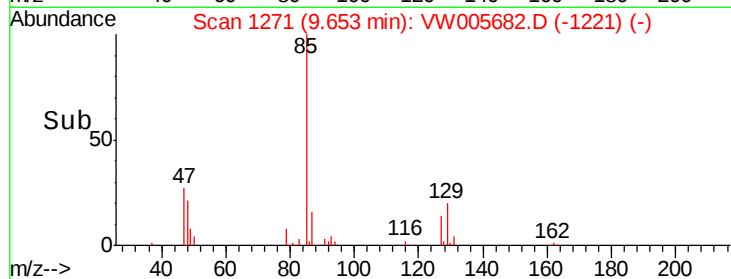
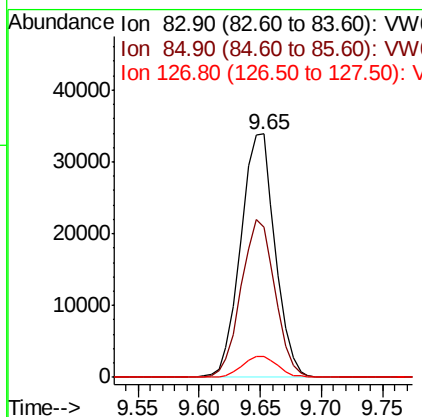
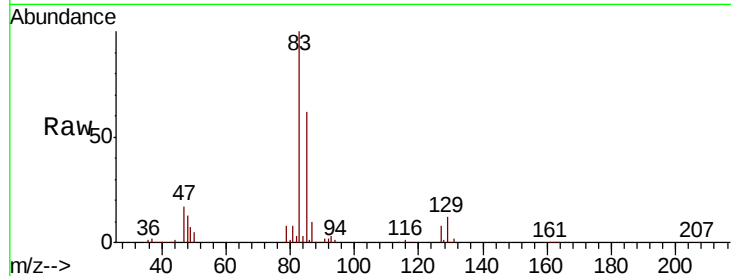
#47
Bromodichloromethane
Concen: 19.123 ug/l
RT: 9.65 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	83	Resp	66316
Ion Ratio	100	Lower	Upper
83	100		
85	61.8	50.5	75.7
127	8.3	7.0	10.6

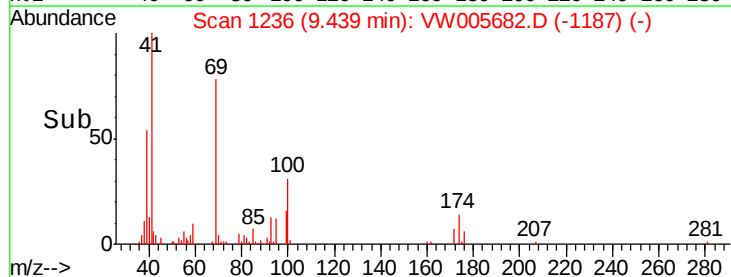
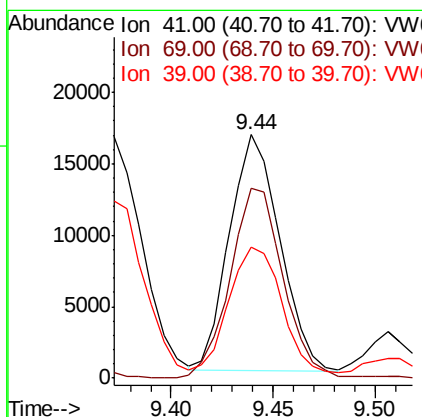
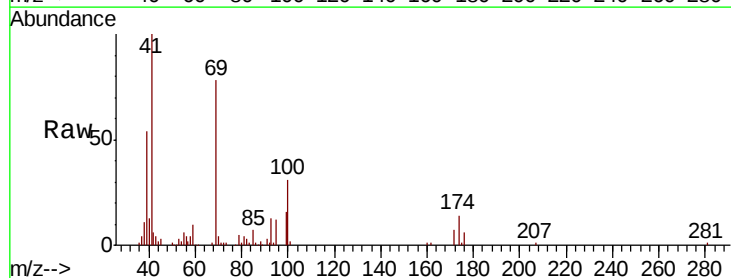
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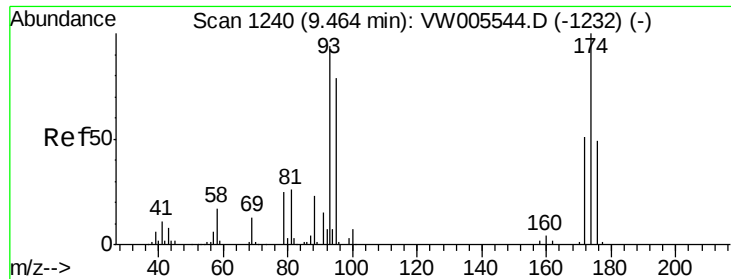
apatel
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#48
Methyl methacrylate
Concen: 19.436 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	41	Resp	28311
Ion Ratio	100	Lower	Upper
41	100		
69	85.1	64.7	97.1
39	61.0	50.5	75.7





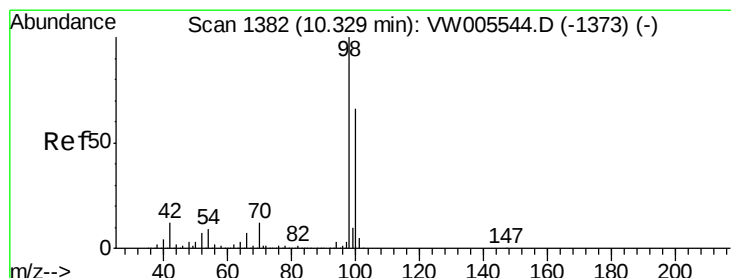
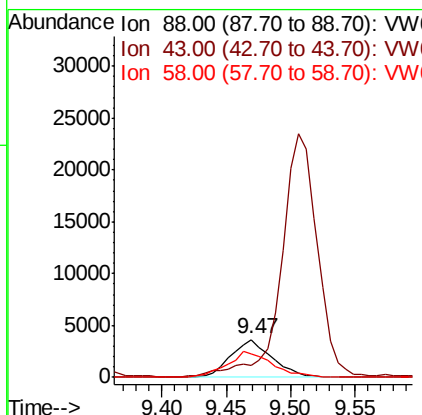
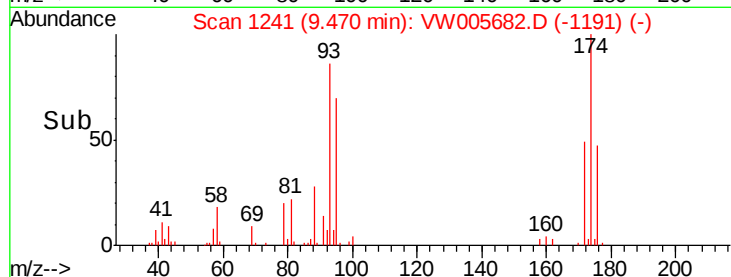
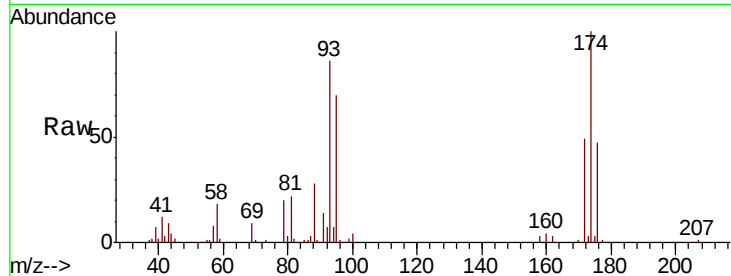
#49
1,4-Dioxane
Concen: 393.583 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	88	Resp	8078
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.5	61.2	91.8

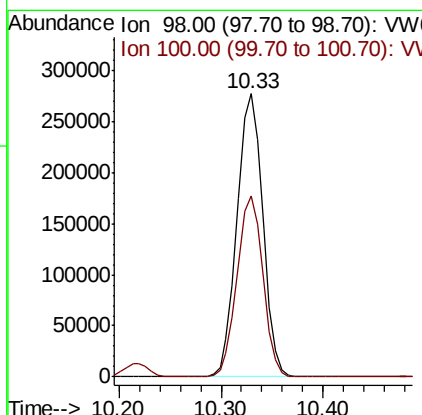
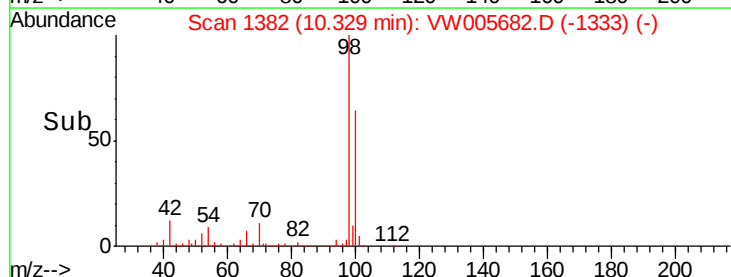
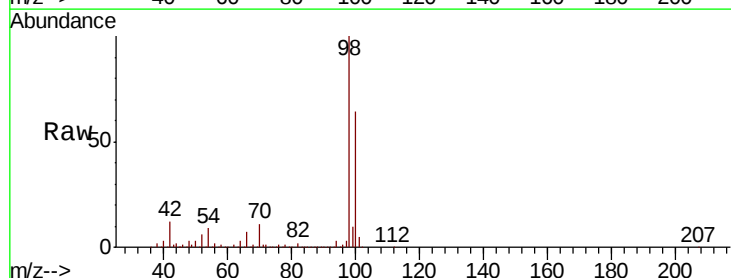
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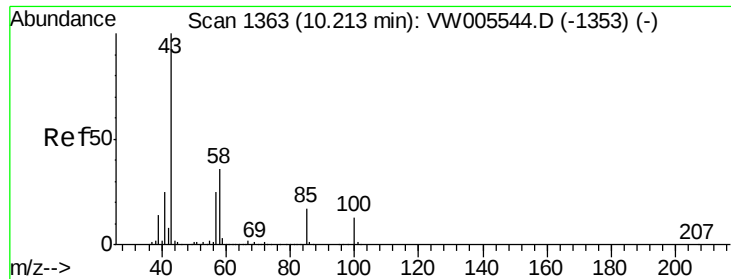
apatel
9/27/2018 10:34:01 AM



#50
Toluene-d8
Concen: 51.412 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	98	Resp	484720
Ion Ratio	100	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 104.843 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

ClientSampled :

VW092618SBS02

Tot Ion: 43 Resp: 161940

Ion Ratio Lower Upper

43 100

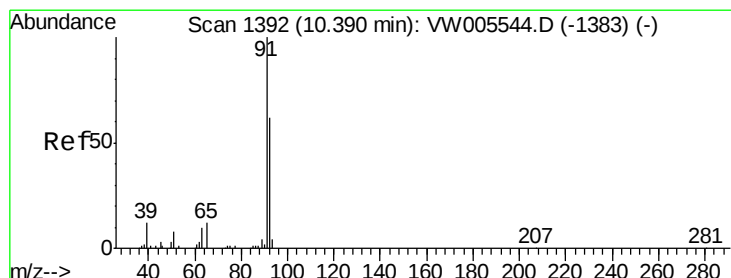
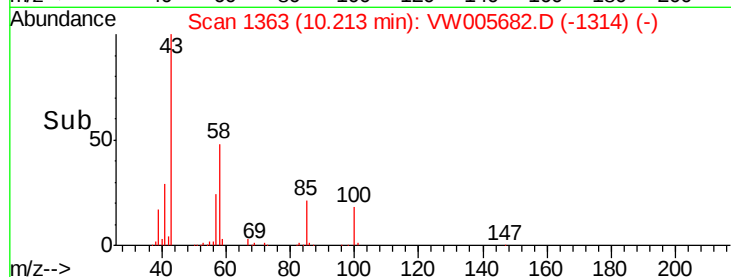
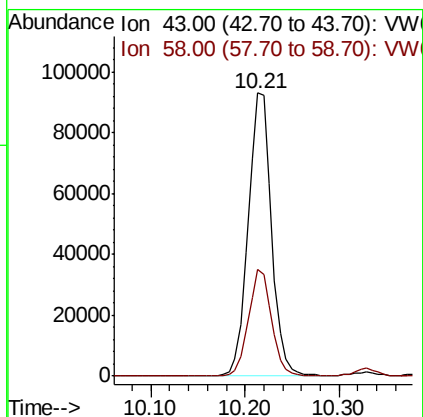
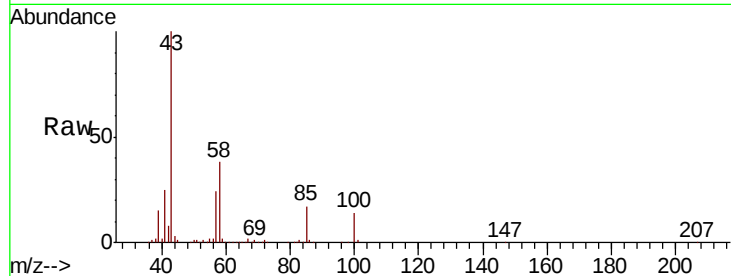
58 37.2 30.0 45.0

Manual Integrations

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#52

Toluene

Concen: 20.774 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005682.D

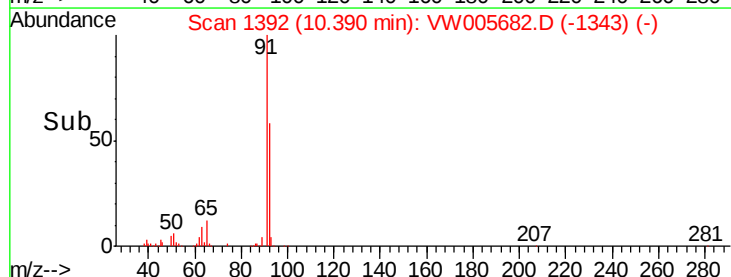
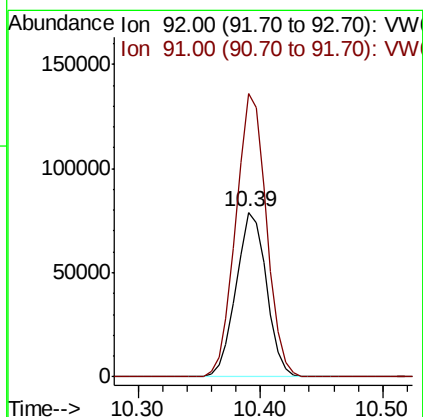
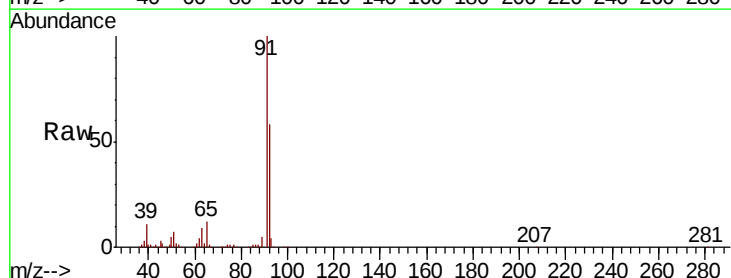
Acq: 27 Sep 2018 05:45

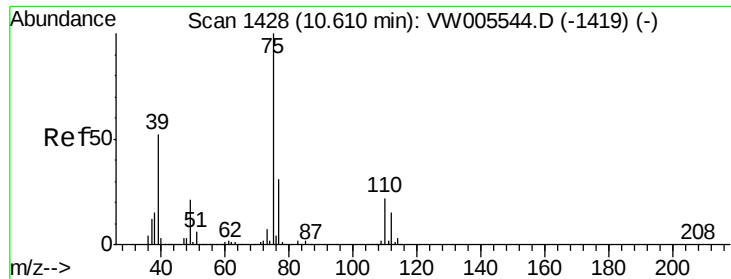
Tgt Ion: 92 Resp: 136126

Ion Ratio Lower Upper

92 100

91 173.3 137.1 205.7





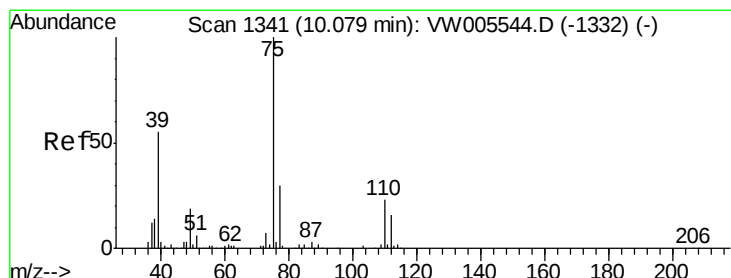
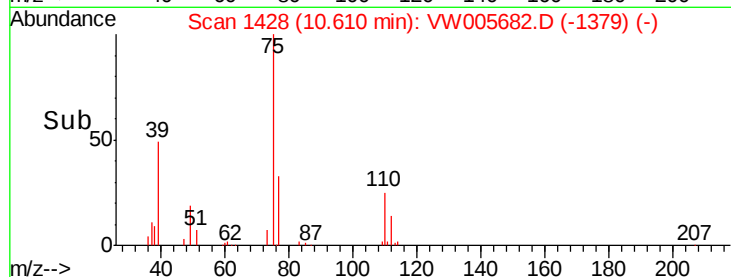
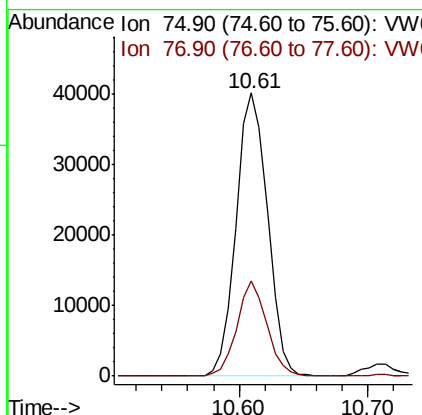
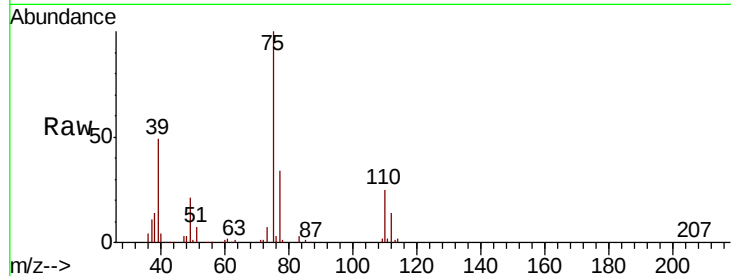
#53
t-1,3-Dichloropropene
Concen: 19.572 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion: 75 Resp: 68041
Ion Ratio Lower Upper
75 100
77 33.3 24.6 37.0

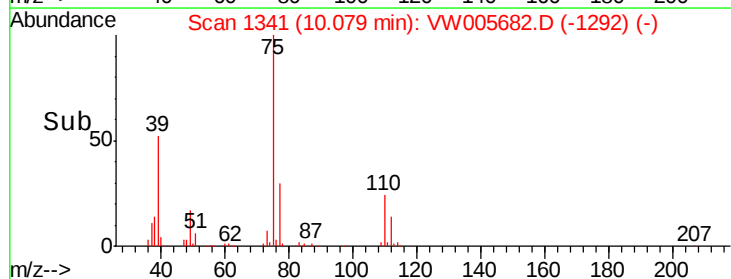
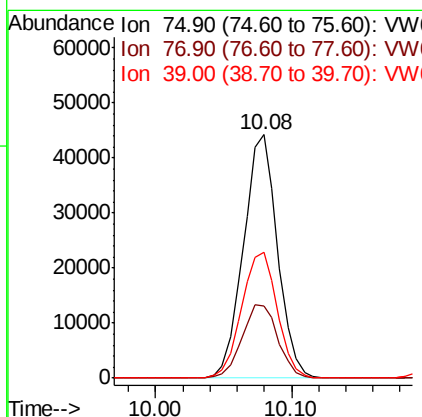
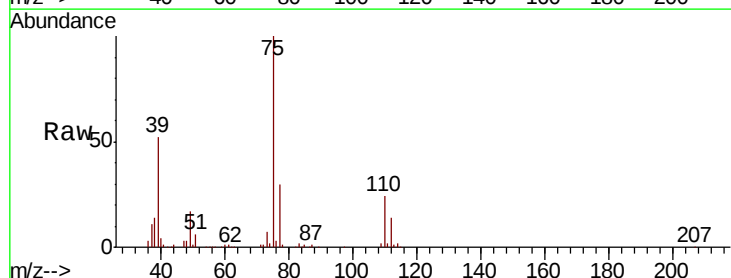
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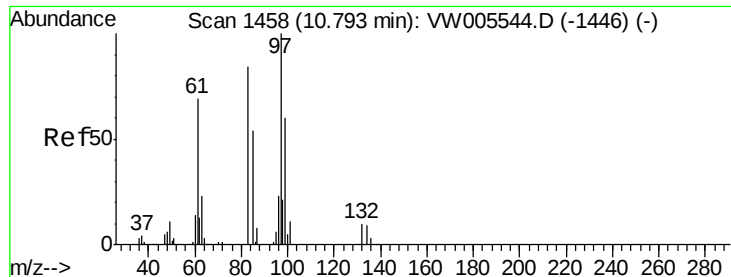
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#54
cis-1,3-Dichloropropene
Concen: 19.917 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion: 75 Resp: 77577
Ion Ratio Lower Upper
75 100
77 29.7 24.3 36.5
39 51.7 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 21.087 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

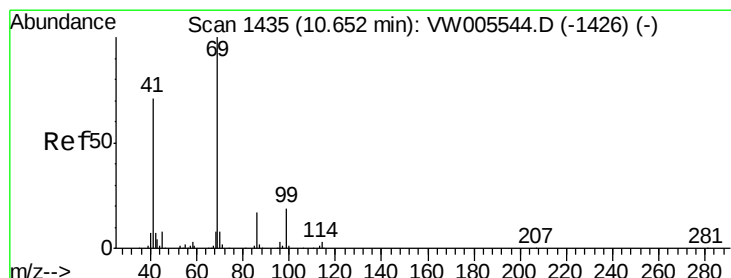
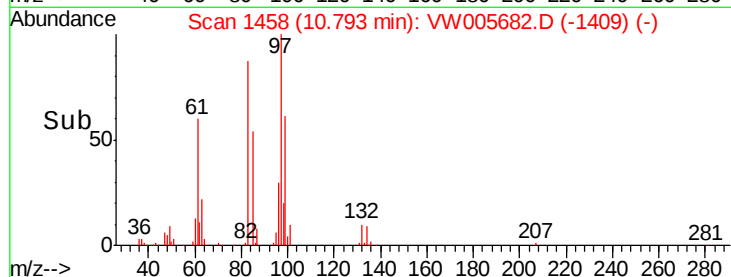
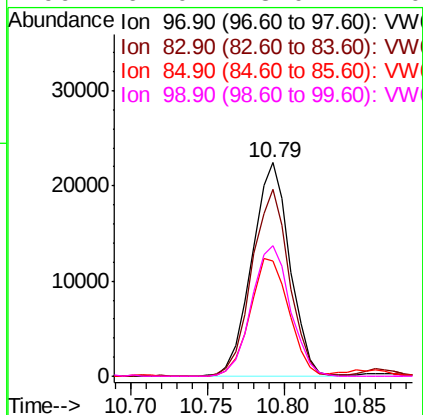
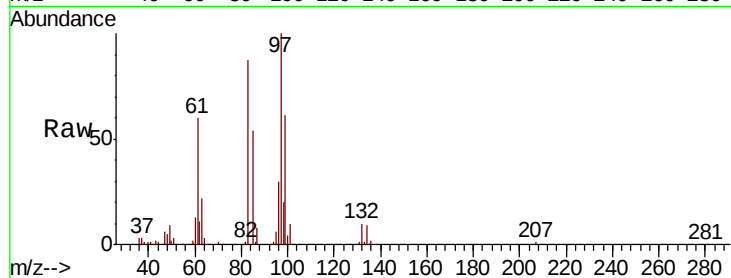
VW092618SBS02

Tot Ion:	97	Resp:	38641
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.4	101.2
85	54.2	43.3	64.9
99	61.0	48.0	72.0

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#56

Ethyl methacrylate

Concen: 20.875 ug/l

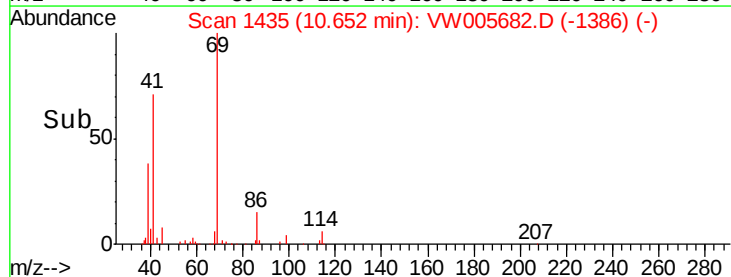
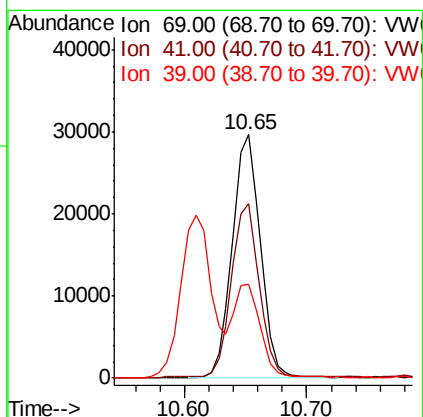
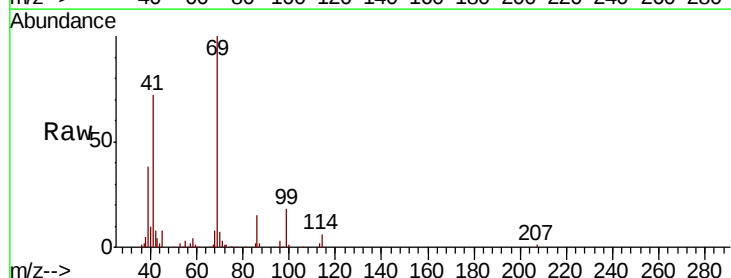
RT: 10.65 min Scan# 1435

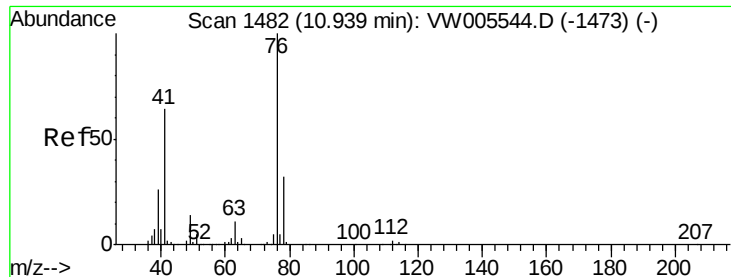
Delta R.T. -0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Tgt Ion:	69	Resp:	47220
Ion	Ratio	Lower	Upper
69	100		
41	69.4	57.3	85.9
39	35.3	29.2	43.8





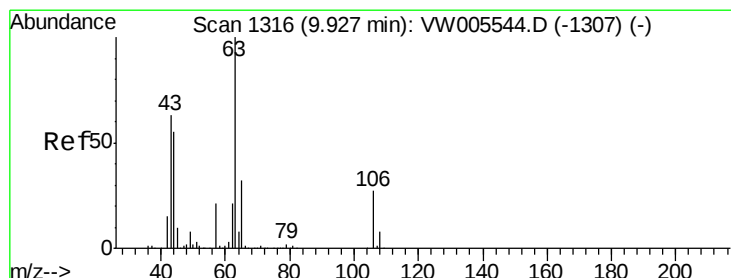
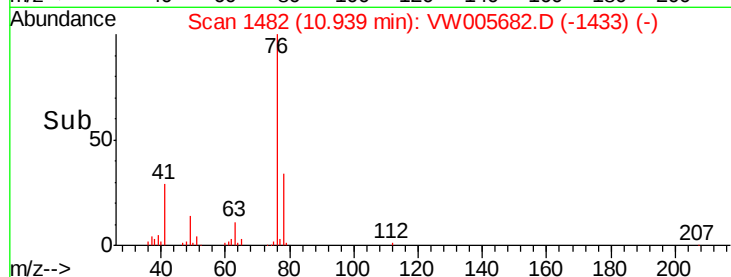
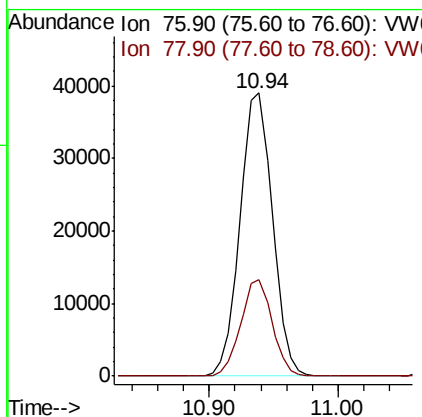
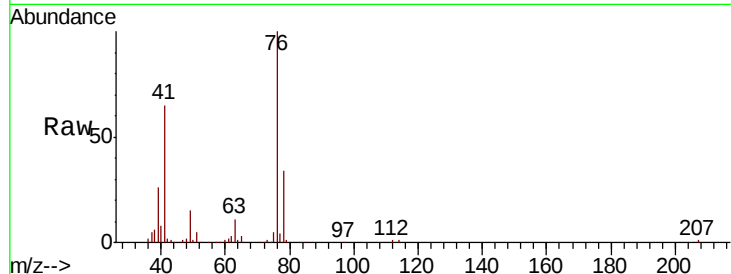
#57
 1,3-Dichloropropane
 Concen: 20.945 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

Tot Ion: 76 Resp: 68023
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.6 38.4

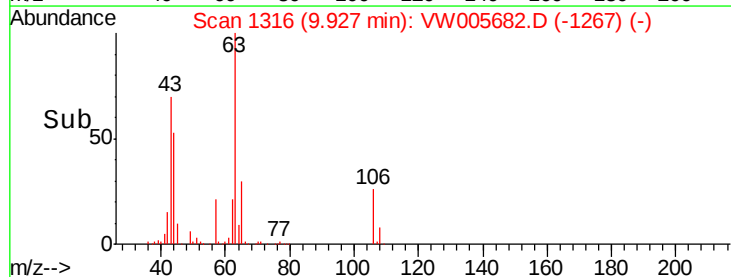
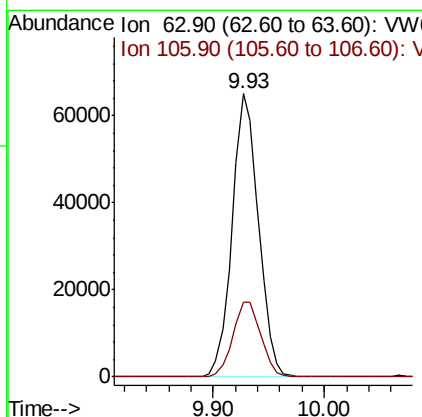
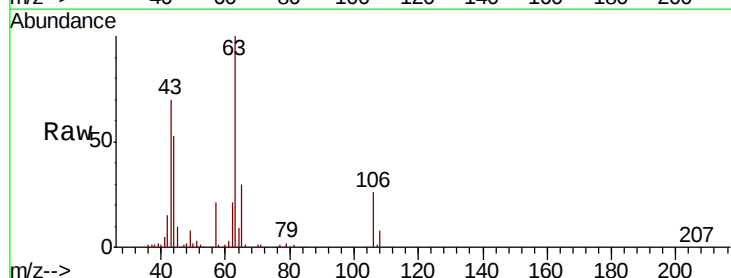
Manual Integrations
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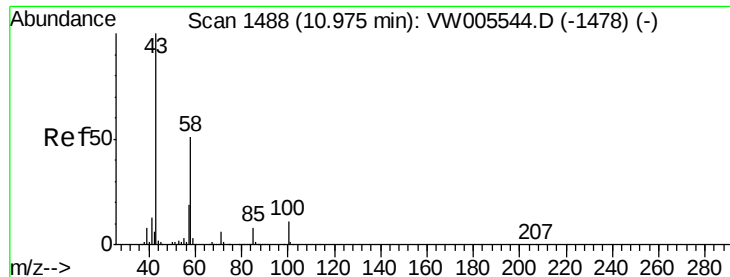
apatel
 9/27/2018 10:34:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.558 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Tgt Ion: 63 Resp: 106190
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.6 32.4





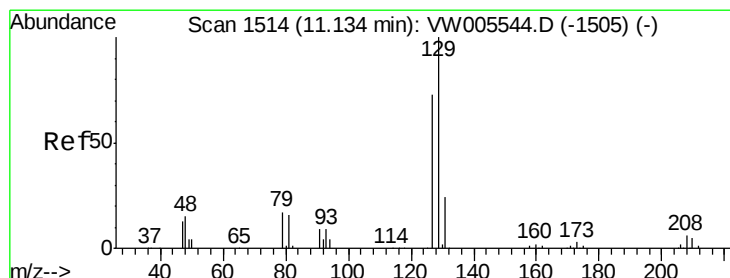
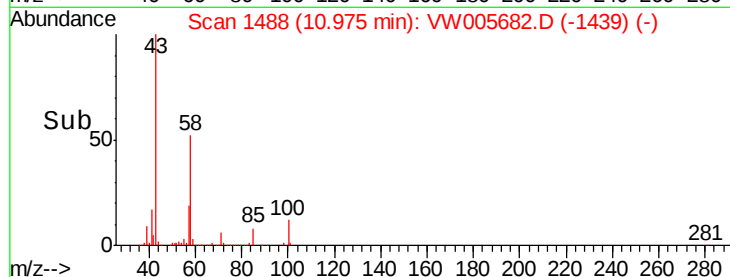
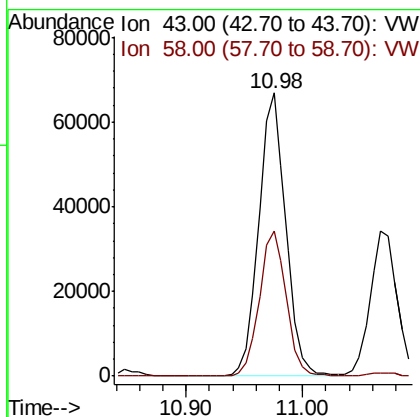
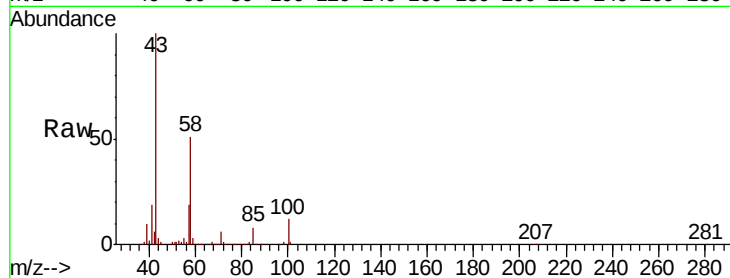
#59
2-Hexanone
Concen: 103.271 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion: 43 Resp: 108360
Ion Ratio Lower Upper
43 100
58 50.8 25.3 75.9

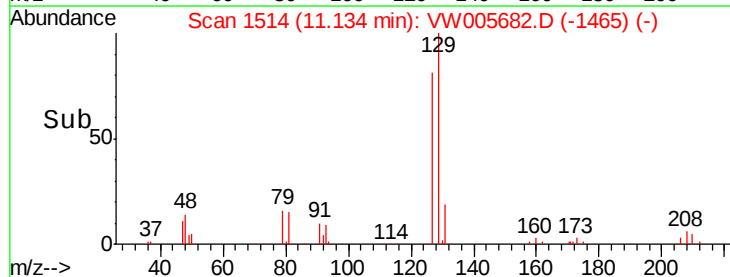
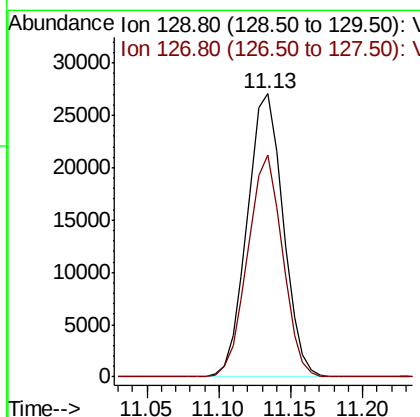
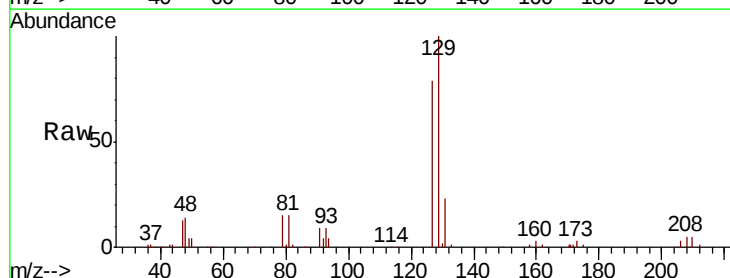
Manual Integrations
APPROVED

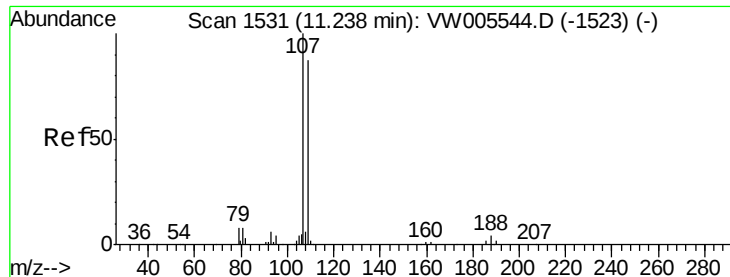
apatel
9/27/2018 10:34:01 AM



#60
Dibromochloromethane
Concen: 21.152 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion: 129 Resp: 46833
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.5





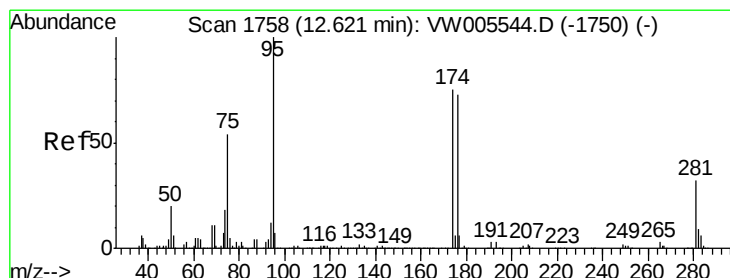
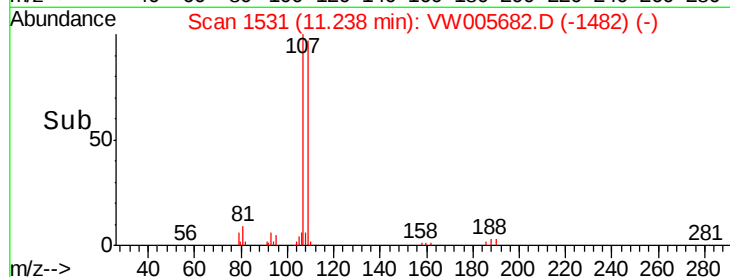
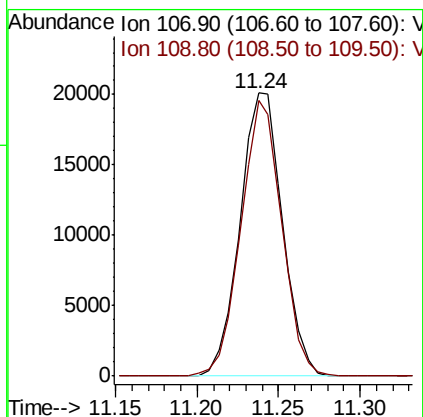
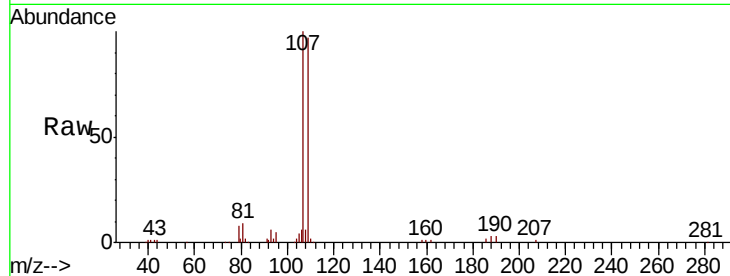
#61
 1,2-Dibromoethane
 Concen: 21.217 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

Tot Ion: 107 Resp: 36250
 Ion Ratio Lower Upper
 107 100
 109 94.0 73.4 110.0

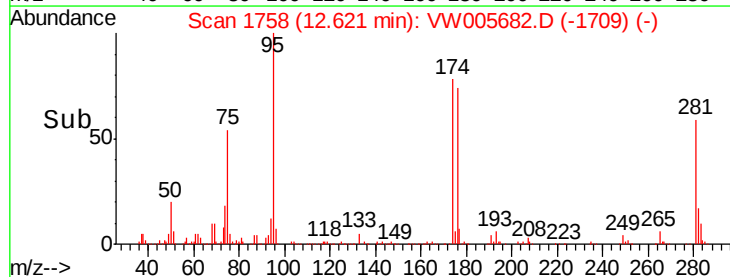
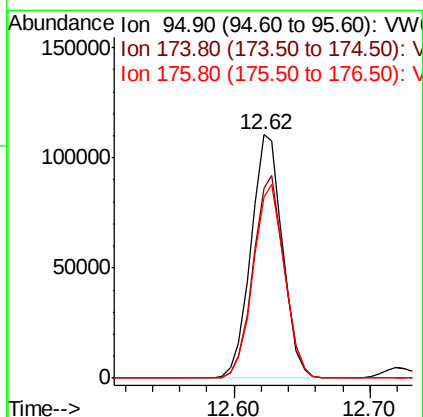
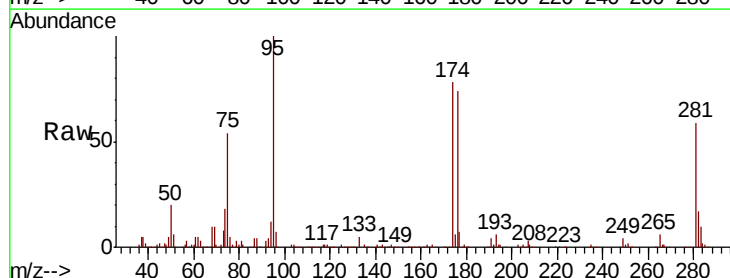
Manual Integrations
 APPROVED

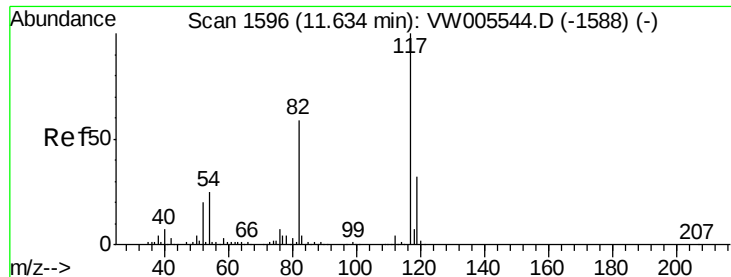
apatel
 9/27/2018 10:34:01 AM



#62
 4-Bromofluorobenzene
 Concen: 51.476 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Tgt Ion: 95 Resp: 179579
 Ion Ratio Lower Upper
 95 100
 174 82.1 0.0 163.8
 176 79.2 0.0 158.0





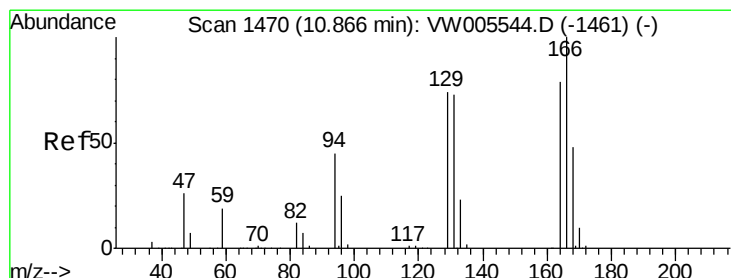
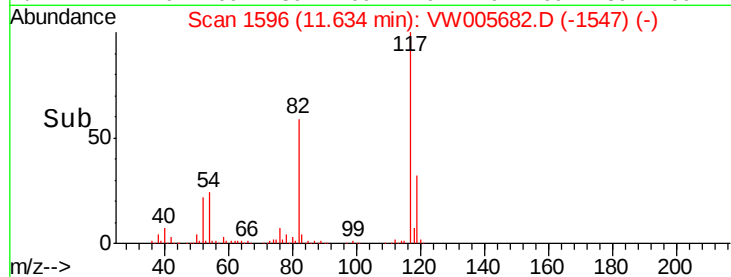
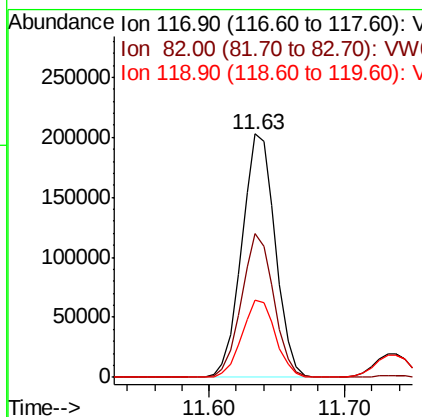
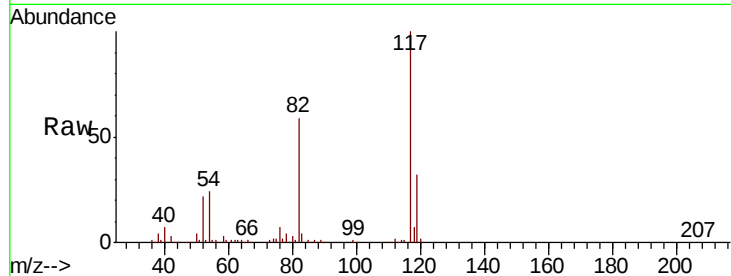
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.9	70.3
119	31.7	25.7	38.5

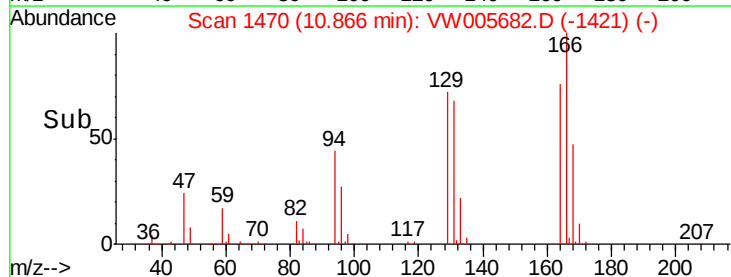
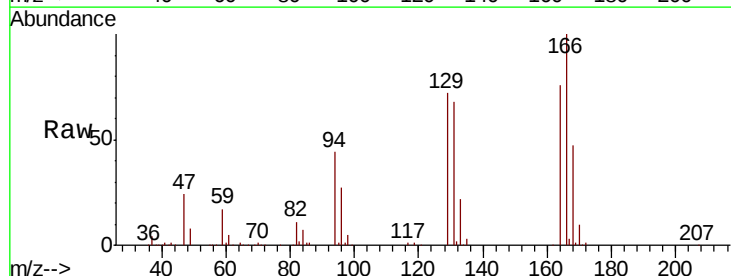
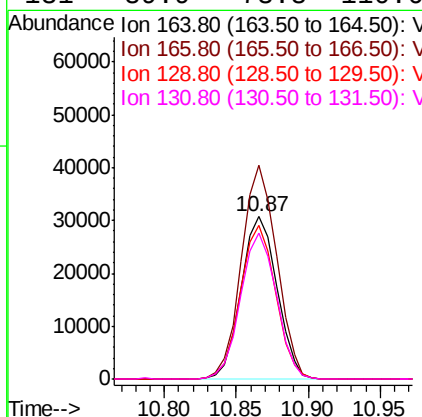
Manual Integrations
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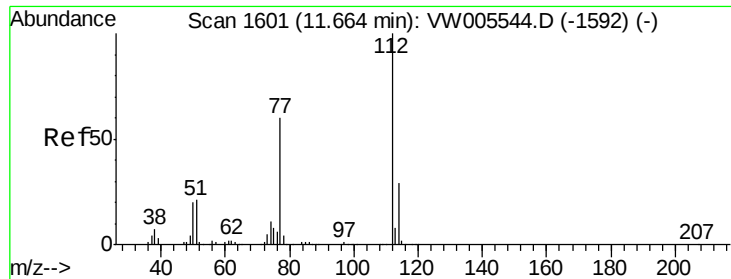
apatel
9/27/2018 10:34:01 AM



#64
Tetrachloroethene
Concen: 21.486 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	101.1	151.7
129	94.5	74.4	111.6
131	89.9	73.8	110.6





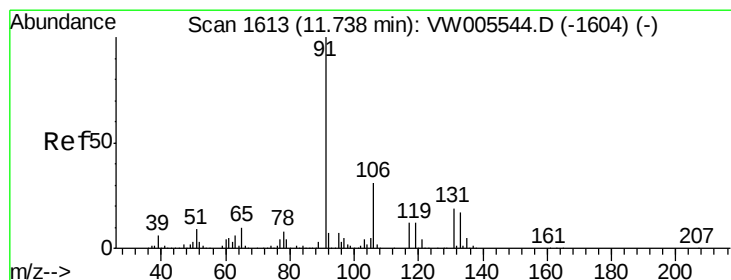
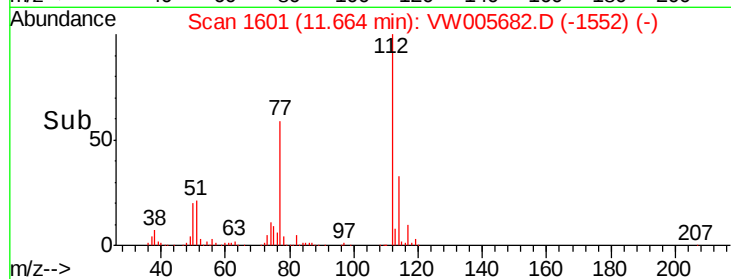
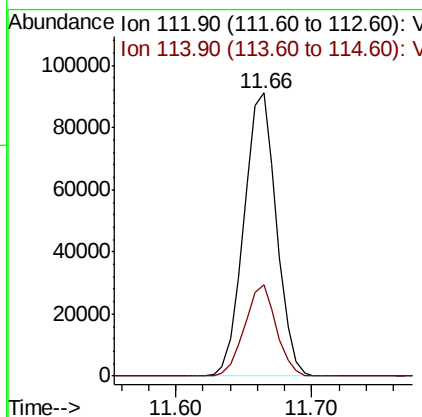
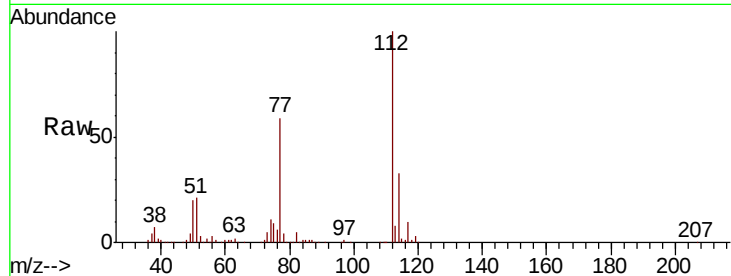
#65
Chlorobenzene
Concen: 20.639 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.9	34.3

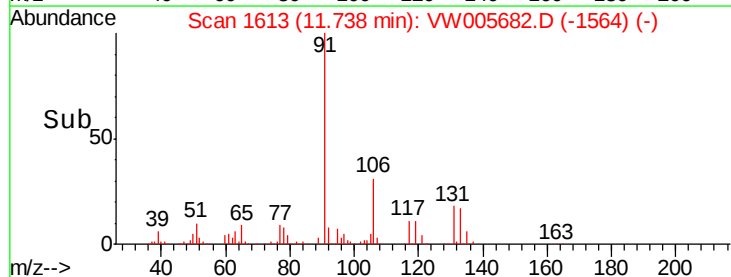
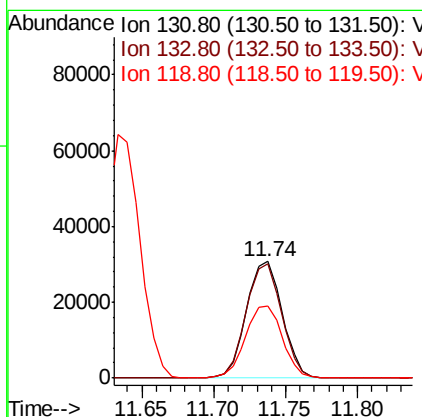
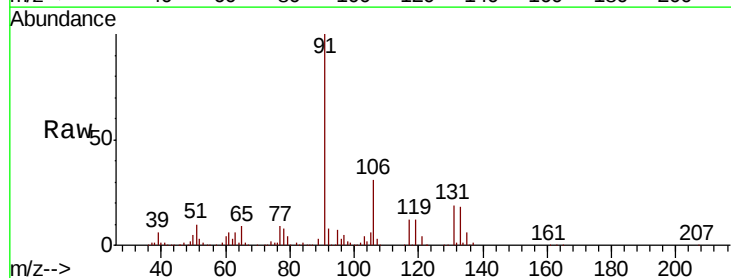
Manual Integrations
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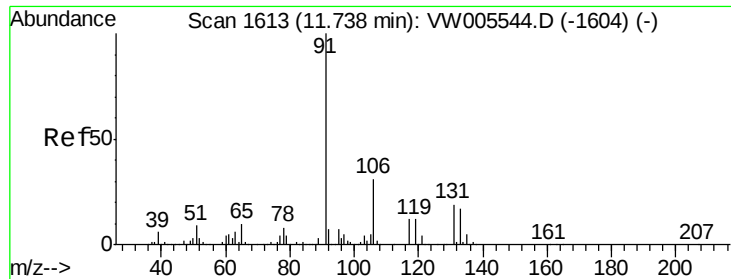
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.963 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	47.2	141.6
119	63.4	31.1	93.2





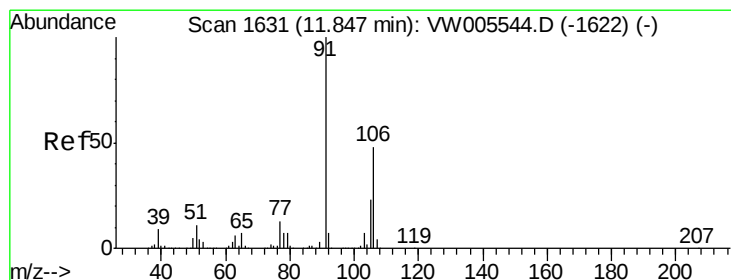
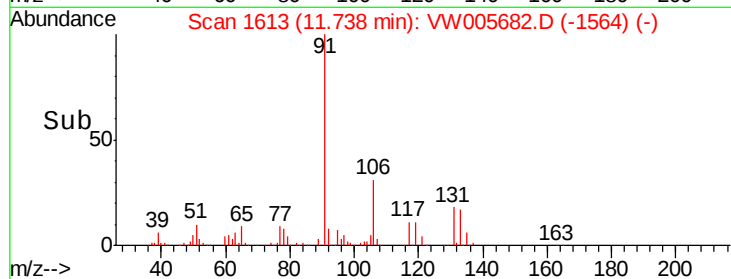
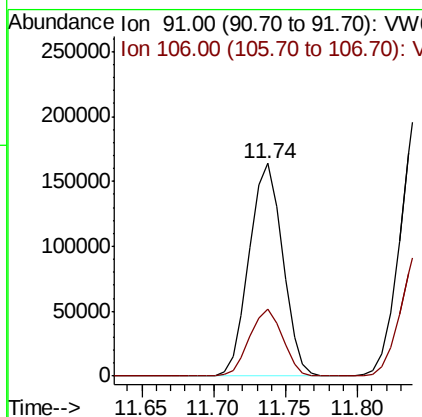
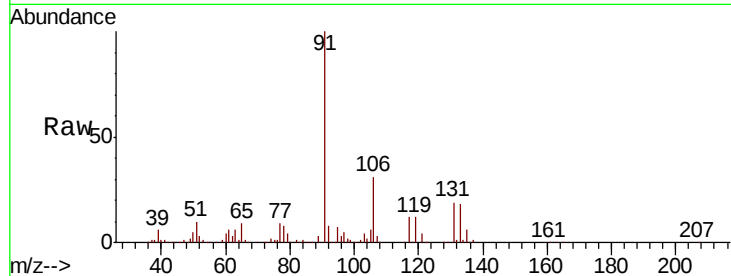
#67
Ethyl Benzene
Concen: 20.195 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleID :
VW092618SBS02

Tot Ion: 91 Resp: 264579
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6

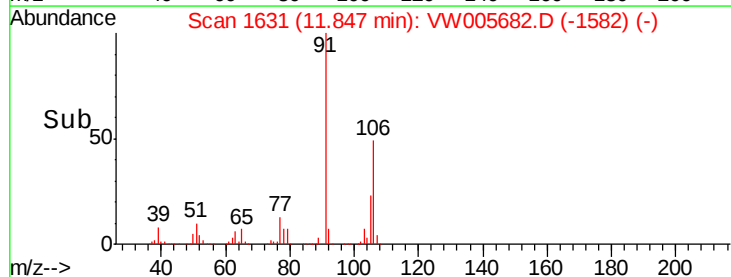
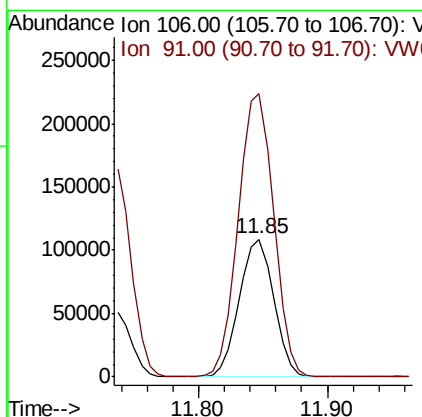
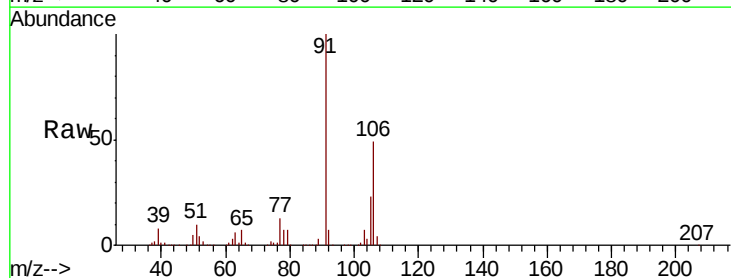
Manual Integrations
APPROVED

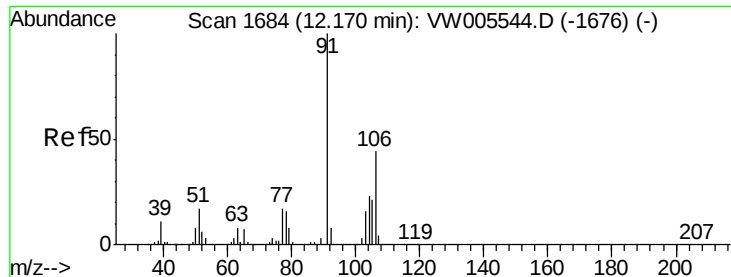
apatel
9/27/2018 10:34:01 AM



#68
m/p-Xylenes
Concen: 40.837 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion: 106 Resp: 202135
Ion Ratio Lower Upper
106 100
91 210.7 167.8 251.8





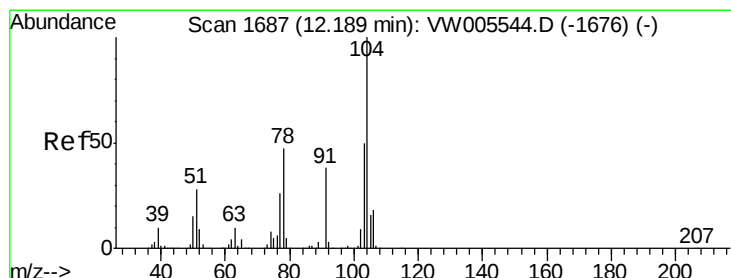
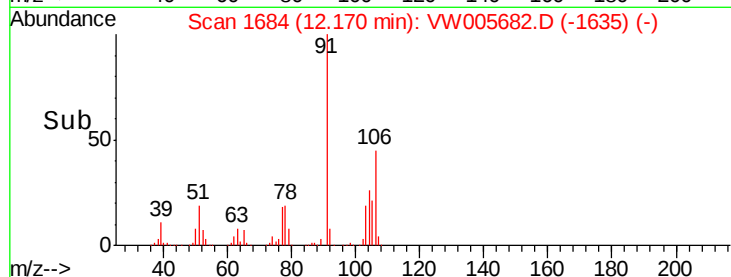
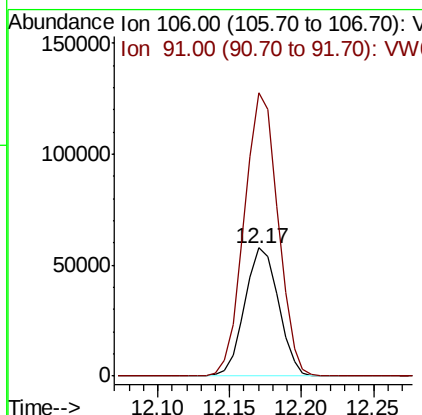
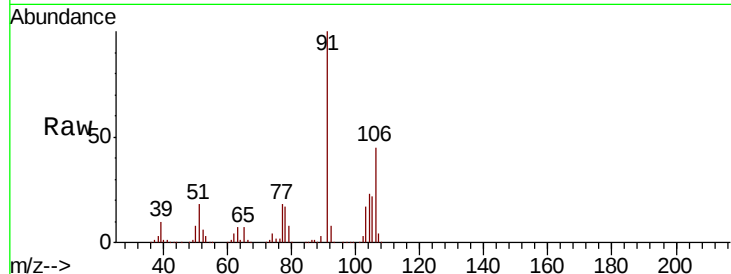
#69
o-Xylene
Concen: 20.336 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampled :
VW092618SBS02

Tot Ion:106 Resp: 94270
Ion Ratio Lower Upper
106 100
91 220.4 111.0 333.0

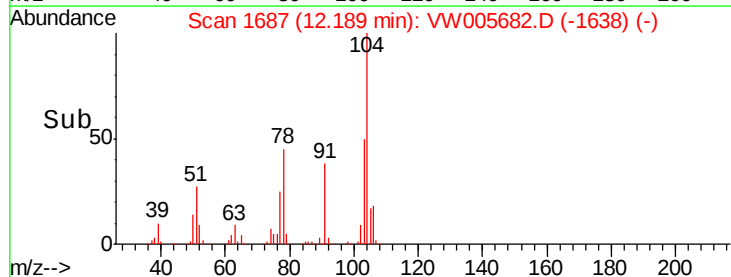
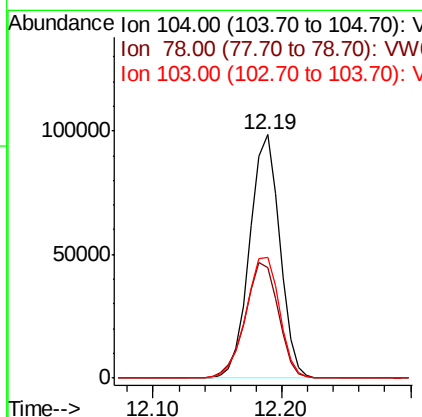
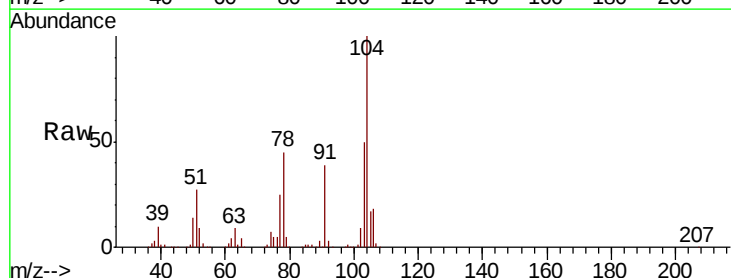
Manual Integrations
APPROVED

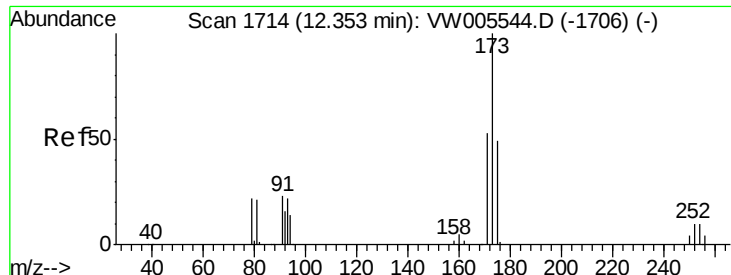
apatel
9/27/2018 10:34:01 AM



#70
Styrene
Concen: 20.347 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion:104 Resp: 158734
Ion Ratio Lower Upper
104 100
78 52.5 42.2 63.4
103 55.8 44.6 66.8





#71

Bromoform

Concen: 20.173 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

Tot Ion:173 Resp: 28446

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

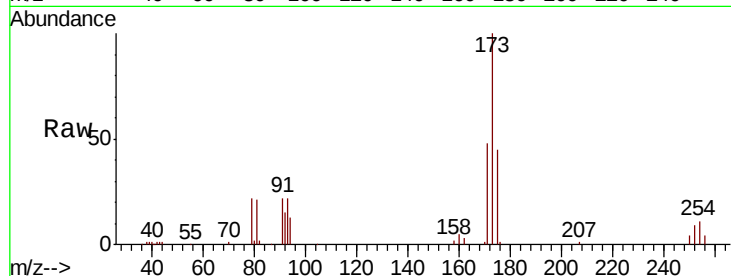
254 0.0 0.1 0.1#

Manual Integrations

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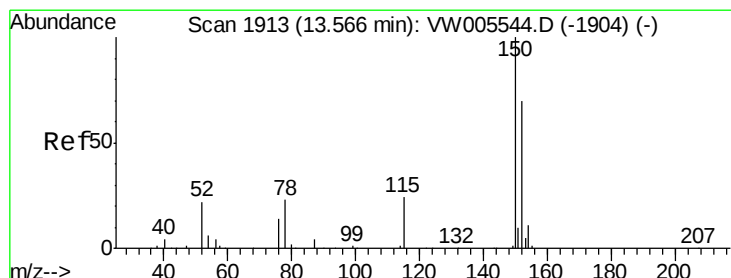
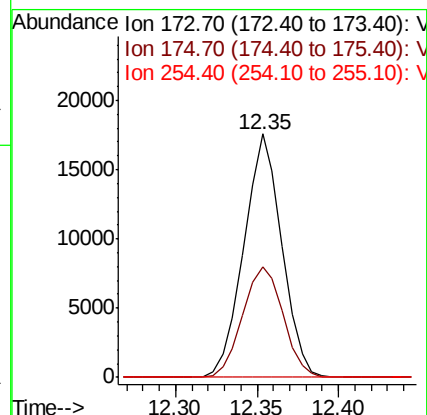
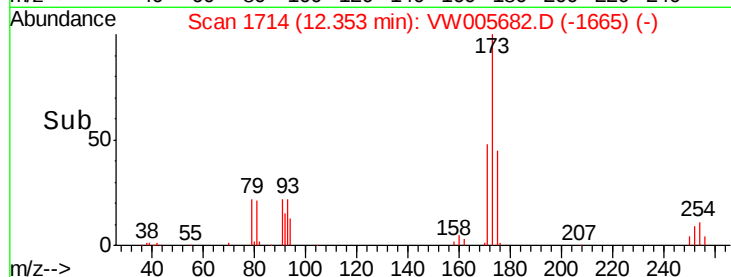
9/27/2018 10:34:01 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

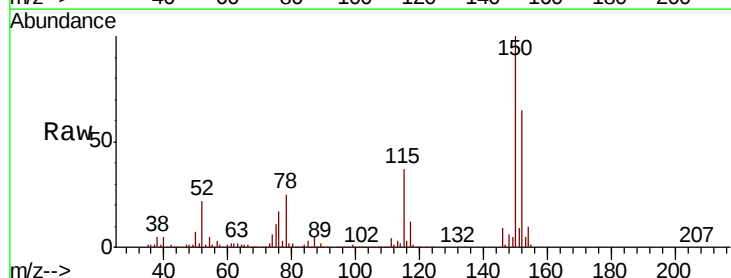
Tgt Ion:152 Resp: 186868

Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

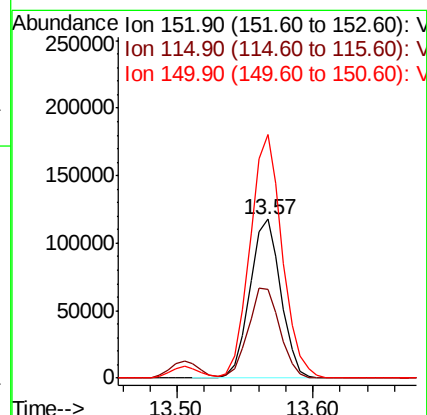
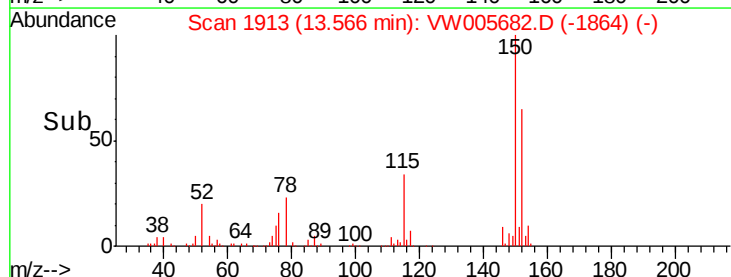
150 159.7 0.0 348.6

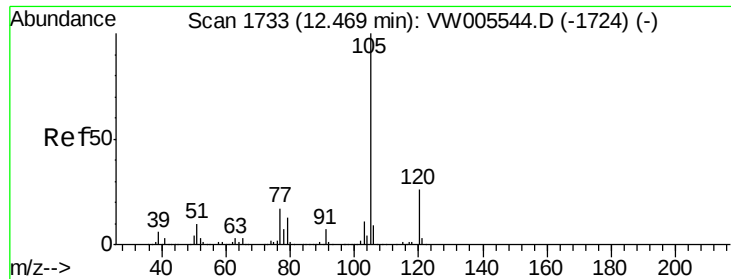


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





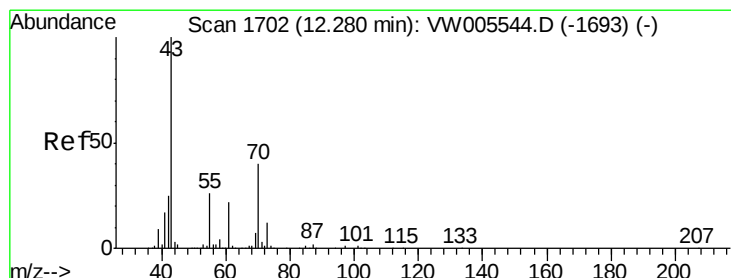
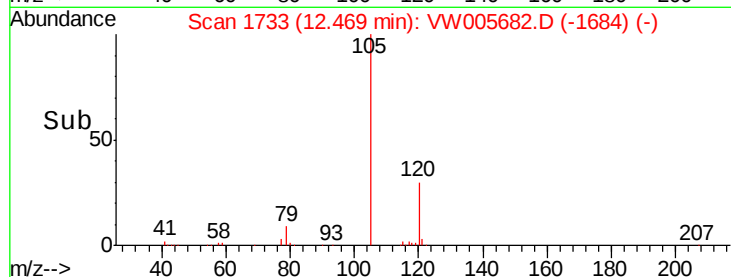
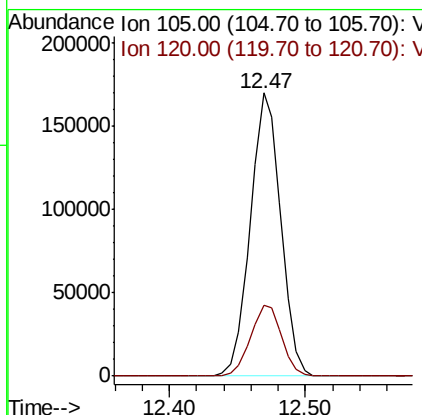
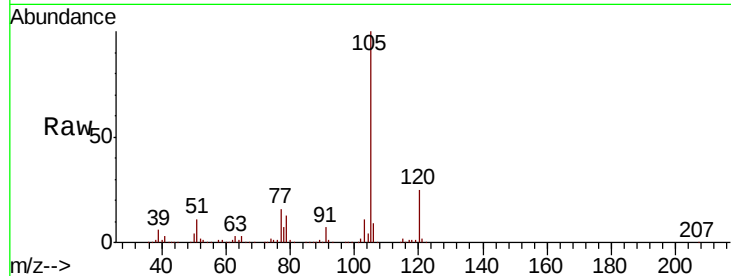
#73
Isopropylbenzene
Concen: 20.551 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.9	38.7

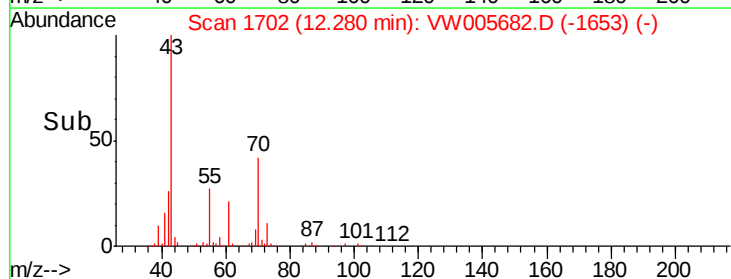
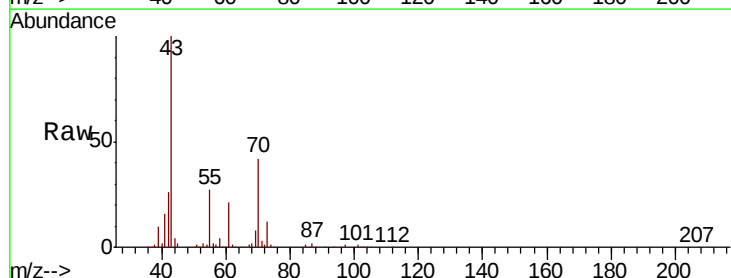
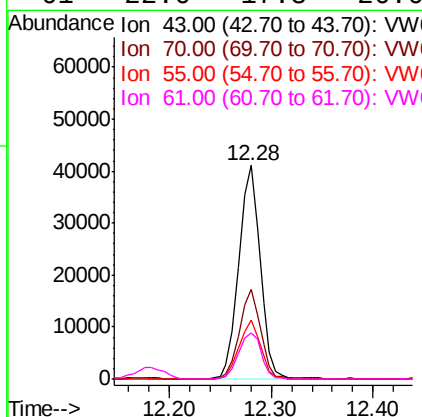
Manual Integrations
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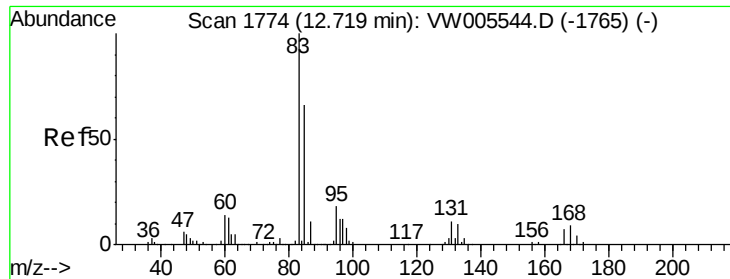
apatel
9/27/2018 10:34:01 AM



#74
N-ethyl acetate
Concen: 20.384 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.3	31.4	47.0
55	27.6	20.9	31.3
61	22.6	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.277 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

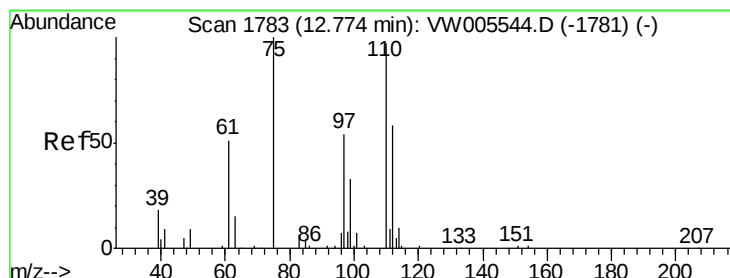
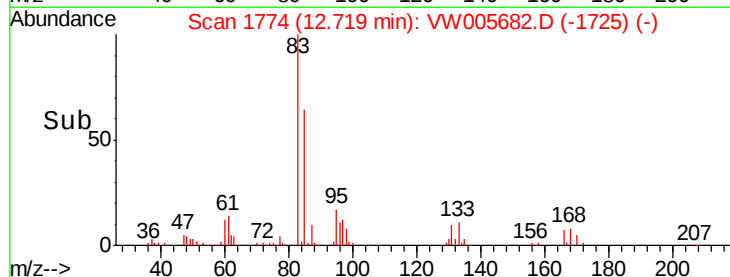
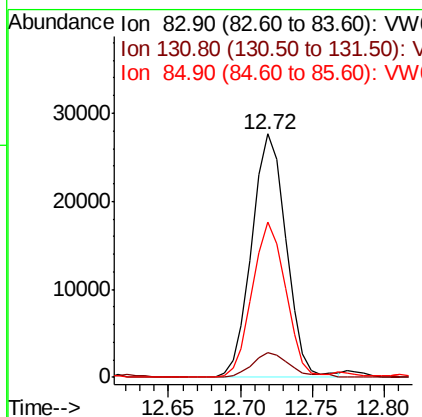
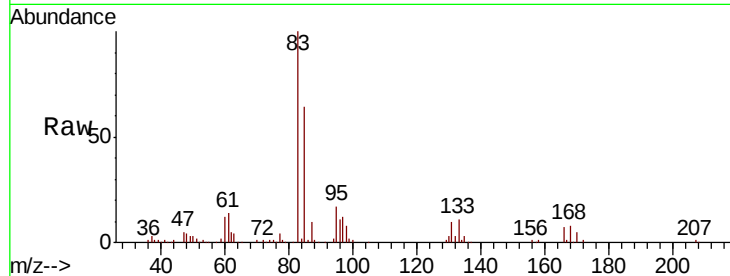
ClientSampleId :

VW092618SBS02

Tot Ion:	83	Resp:	45798
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.7
85	61.8	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 19.955 ug/l m

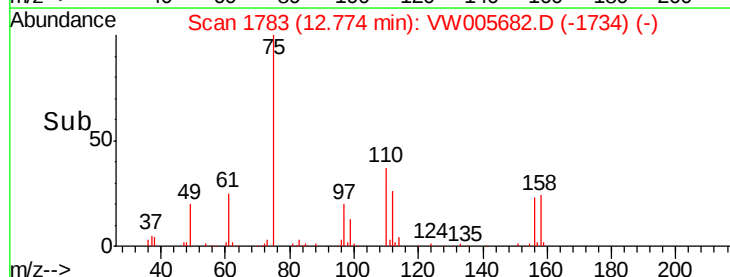
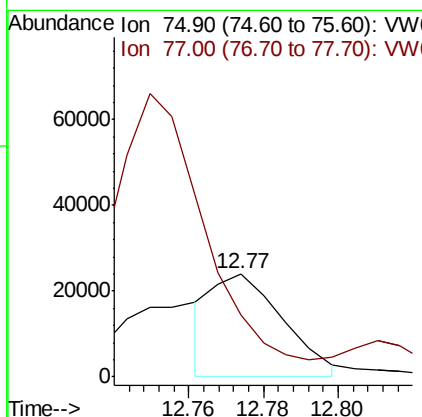
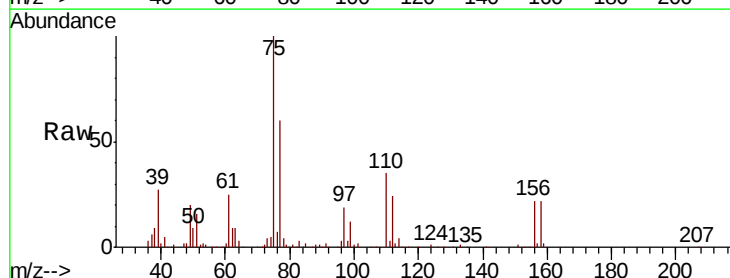
RT: 12.77 min Scan# 1783

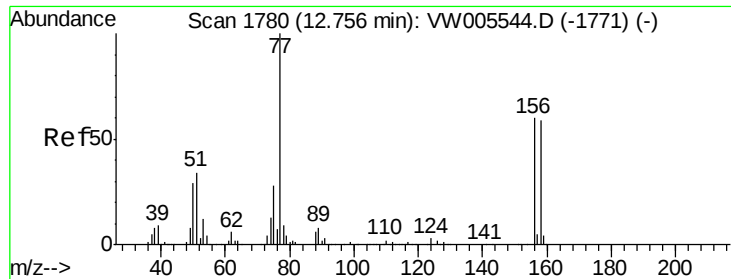
Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Tgt Ion:	75	Resp:	31786
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.580 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

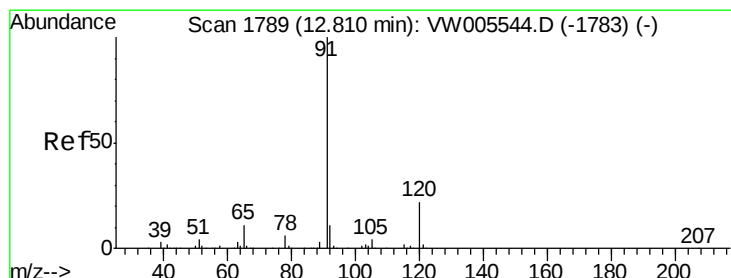
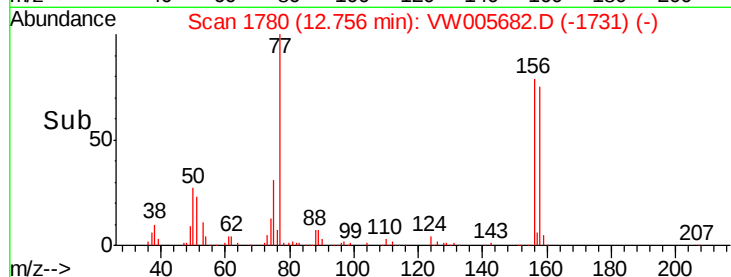
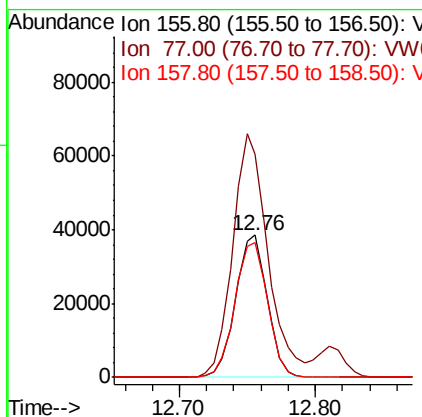
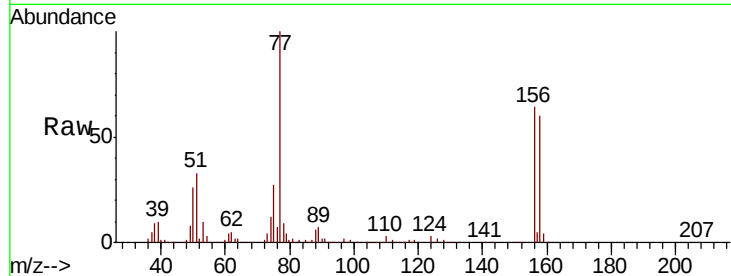
ClientSampleId :

VW092618SBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	189.8	94.7	284.1	
158	98.1	48.0	144.2	

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#78

n-propylbenzene

Concen: 20.667 ug/l

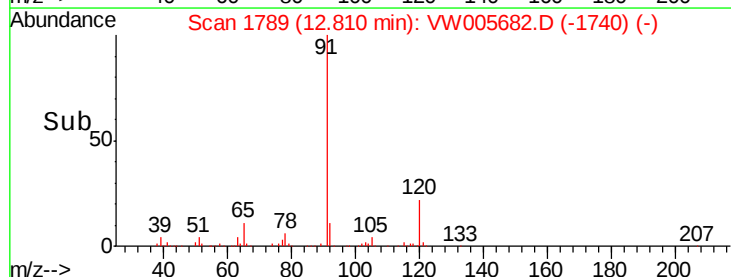
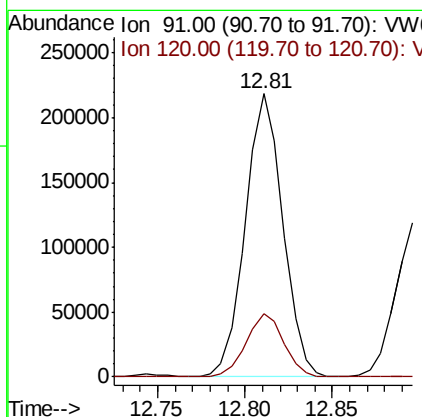
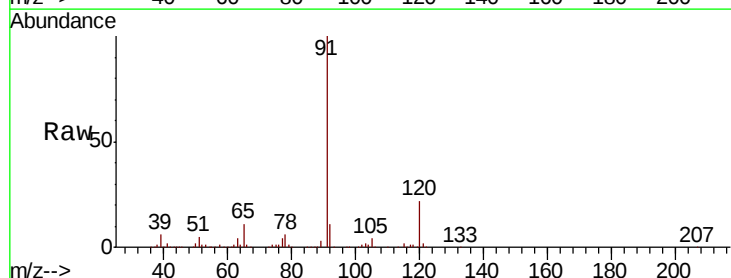
RT: 12.81 min Scan# 1789

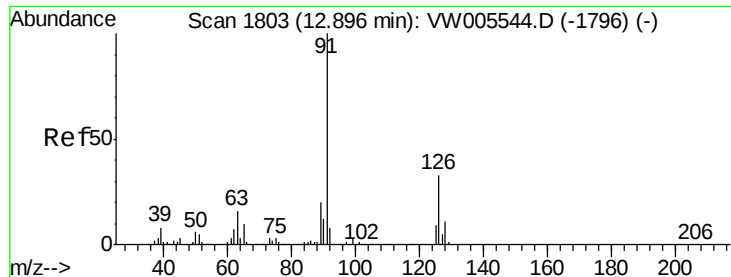
Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.4	11.2	33.5	





#79

2-Chlorotoluene

Concen: 20.766 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

Tot Ion: 91 Resp: 188497

Ion Ratio Lower Upper

91 100

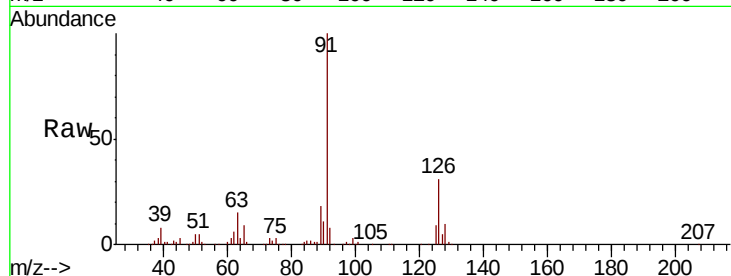
126 32.3 16.4 49.1

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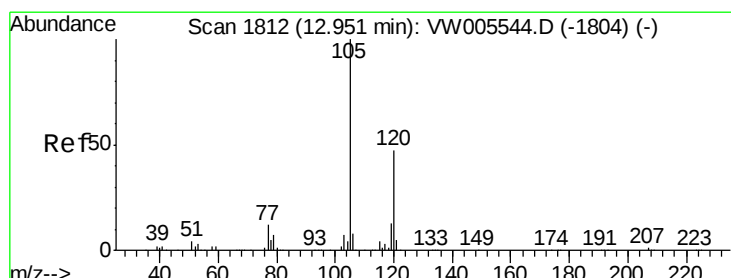
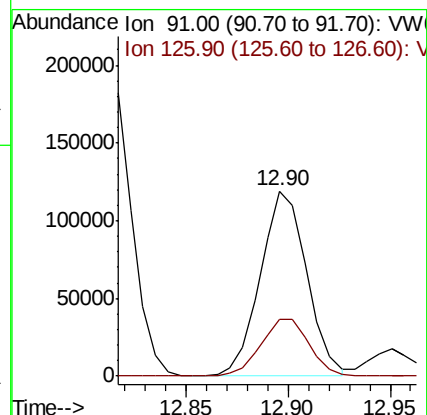
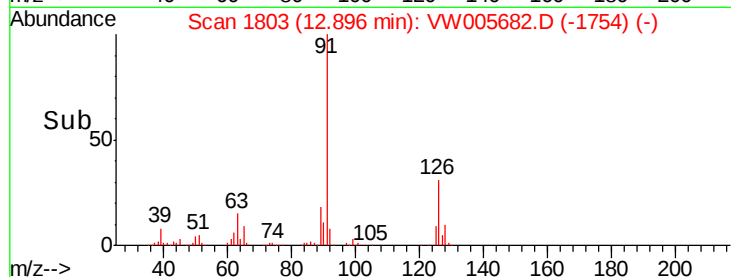
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.897 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005682.D

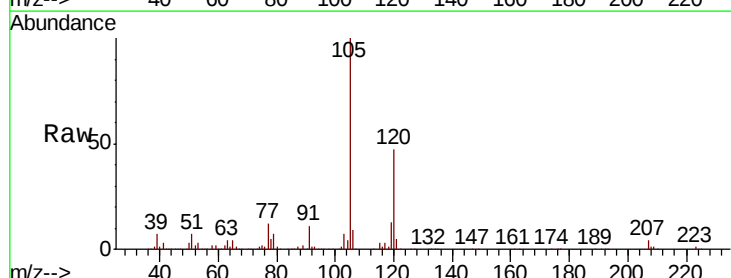
Acq: 27 Sep 2018 05:45

Tgt Ion:105 Resp: 235475

Ion Ratio Lower Upper

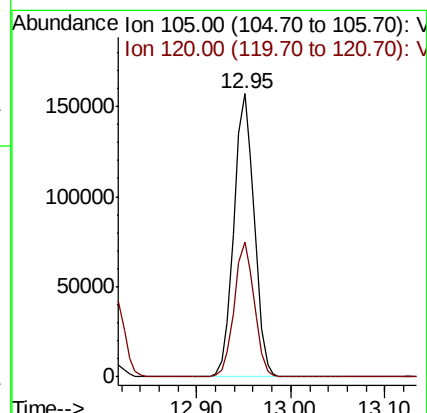
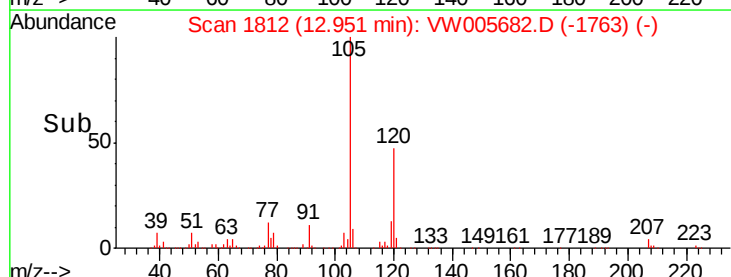
105 100

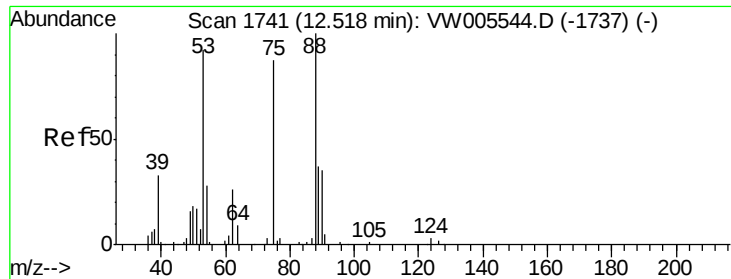
120 47.0 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





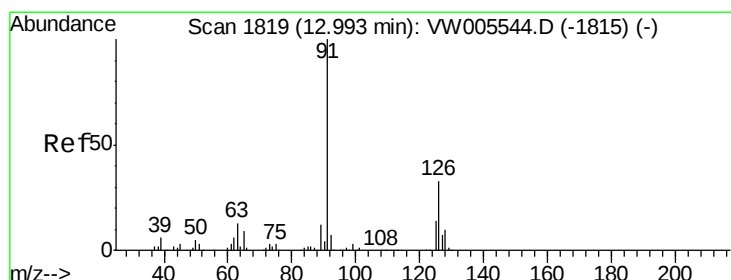
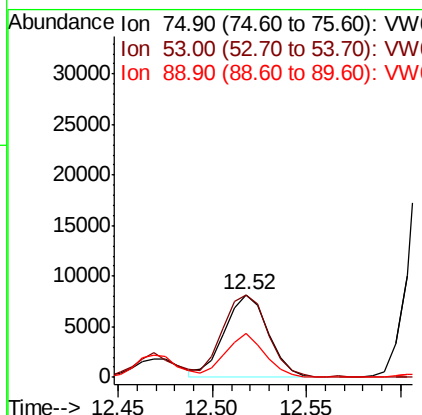
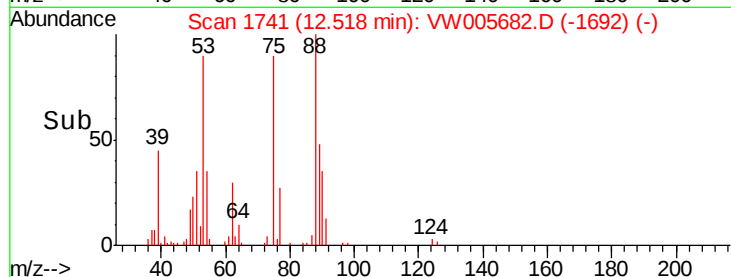
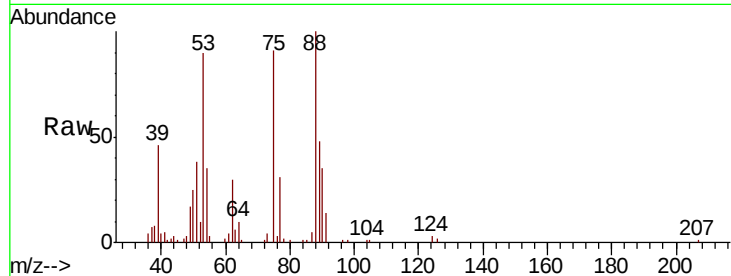
#81
trans-1,4-Dichloro-2-butene
Concen: 18.607 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.3	85.8	128.6
89	47.5	37.3	55.9

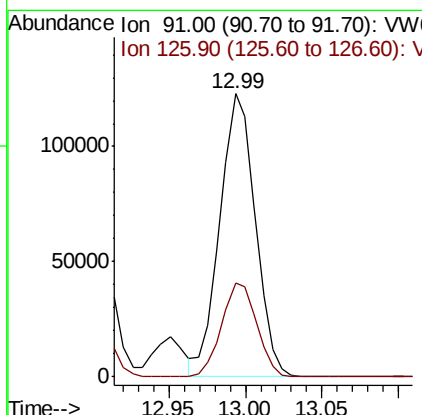
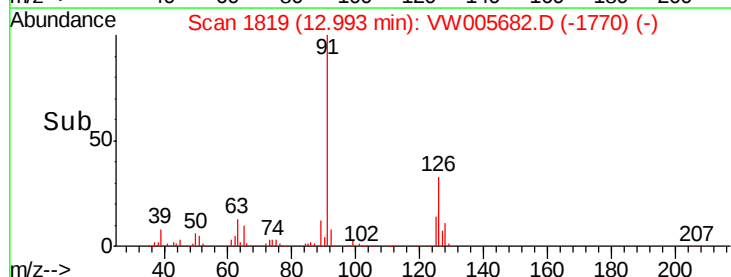
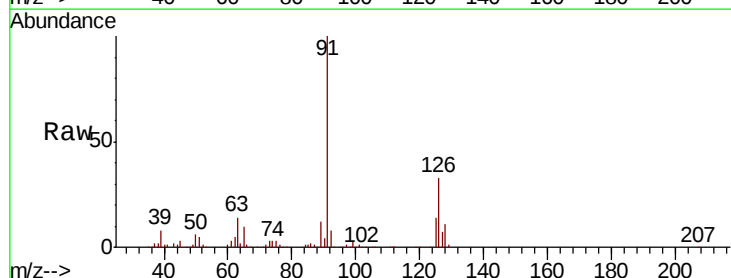
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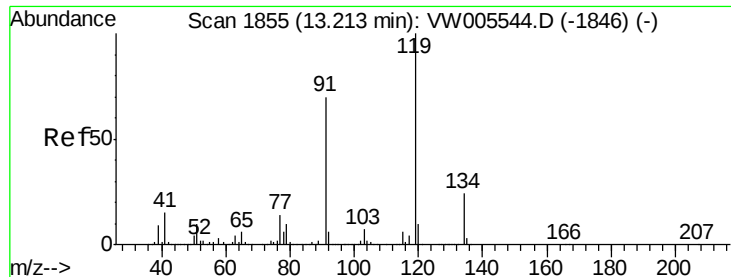
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#82
4-Chlorotoluene
Concen: 20.671 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4





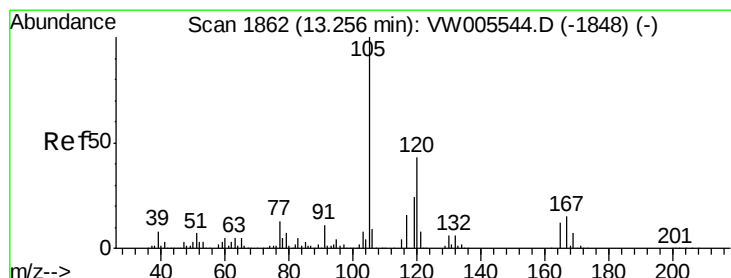
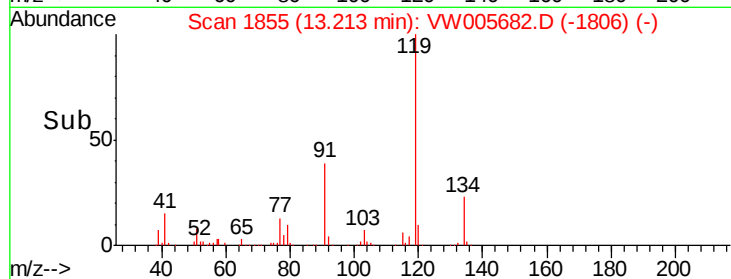
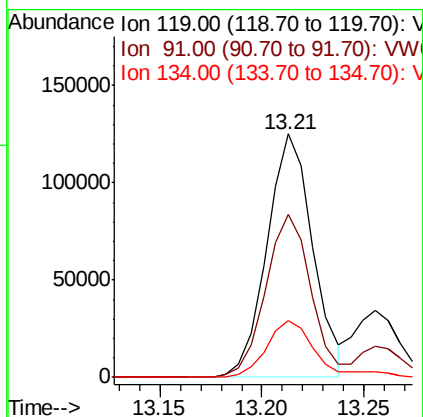
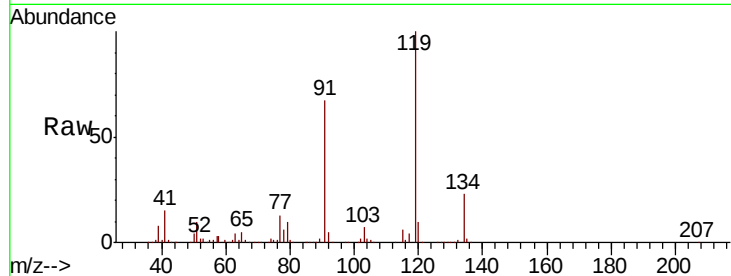
#83
tert-Butylbenzene
Concen: 20.641 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	34.6	103.8
134	25.2	12.6	37.6

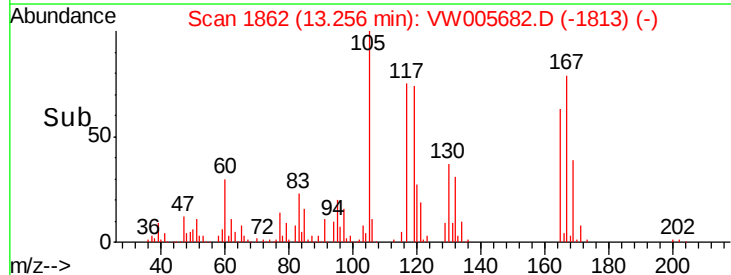
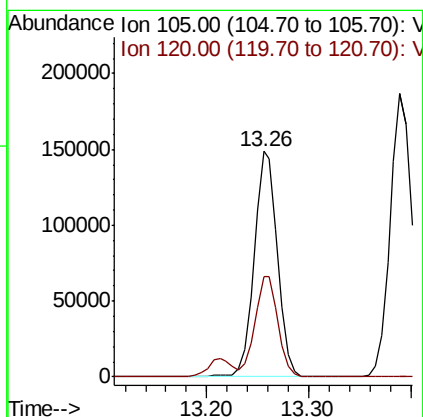
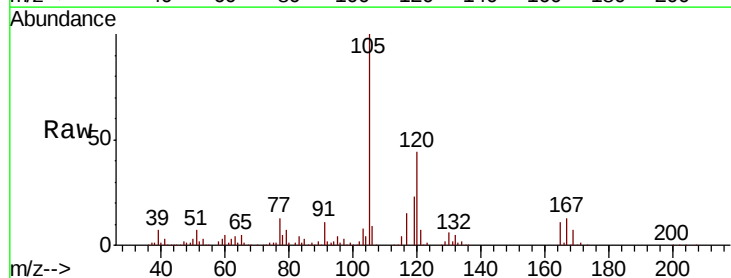
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#84
1,2,4-Trimethylbenzene
Concen: 20.798 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.5	64.5





#85

sec-Butylbenzene

Concen: 20.461 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

Tot Ion:105 Resp: 280930

Ion Ratio Lower Upper

105 100

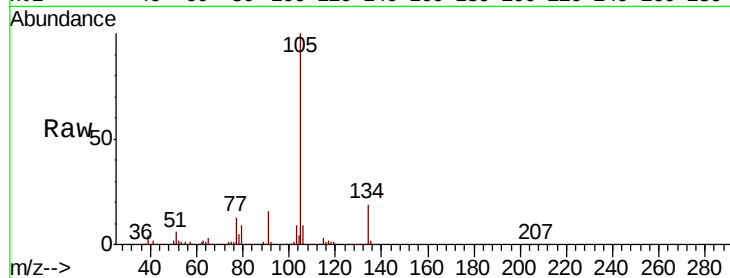
134 19.7 9.8 29.5

Manual Integrations

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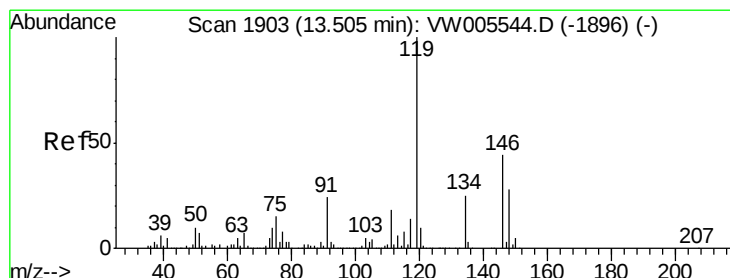
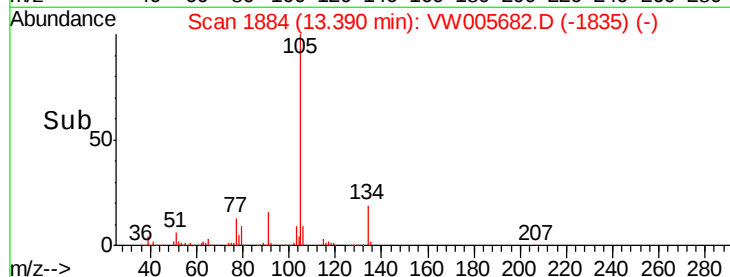
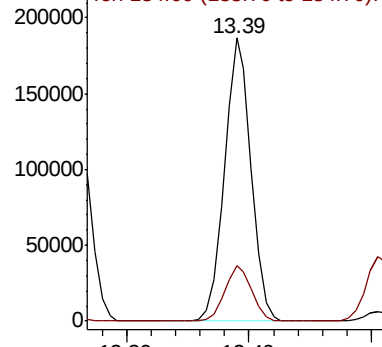
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.534 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

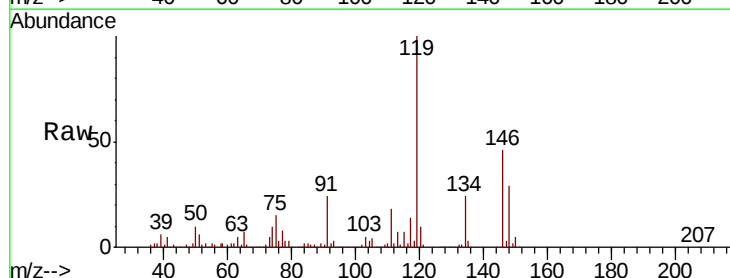
Tgt Ion:119 Resp: 252697

Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

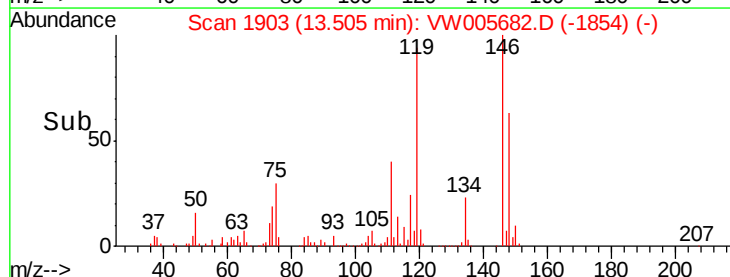
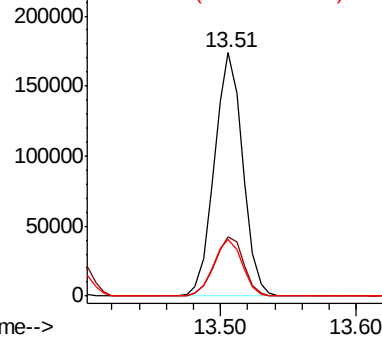
91 23.7 12.2 36.4

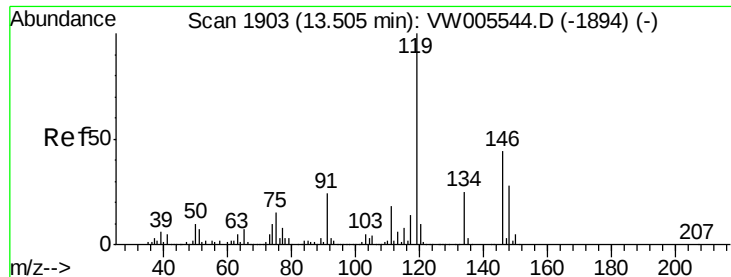


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





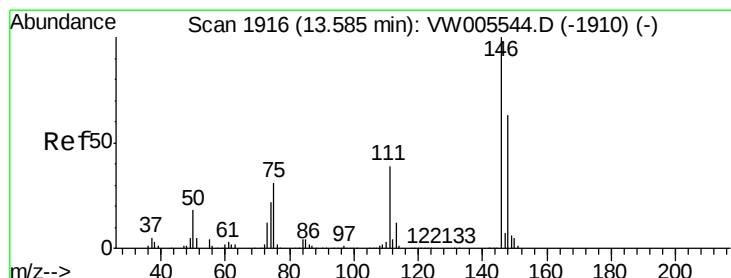
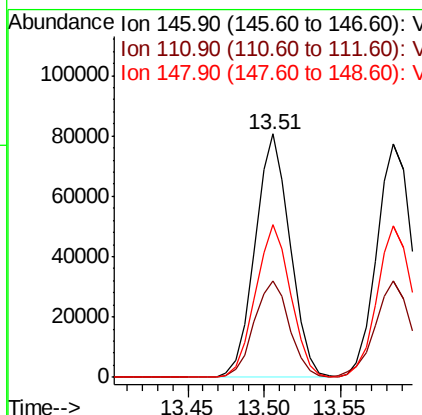
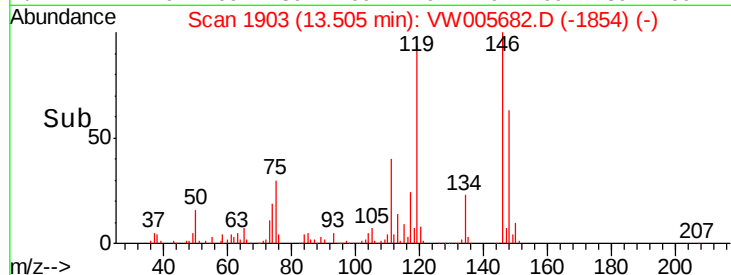
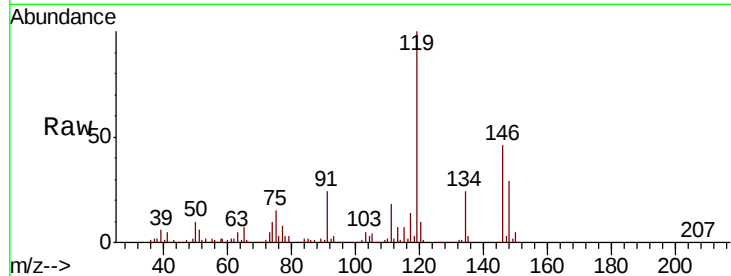
#87
 1,3-Dichlorobenzene
 Concen: 20.623 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.9
148	63.0	31.8	95.4

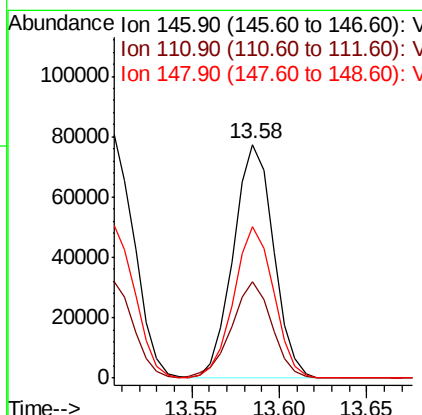
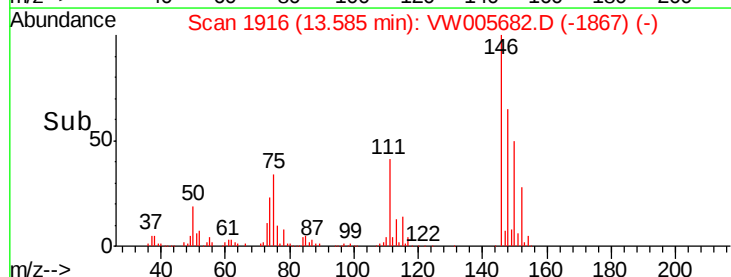
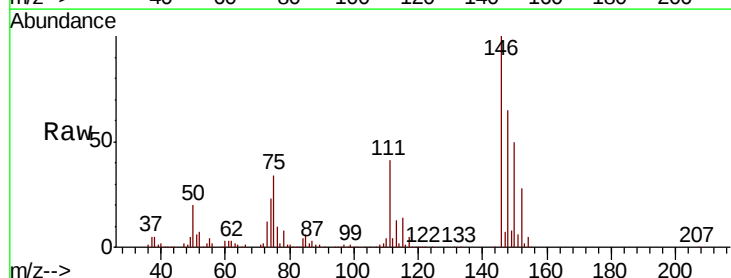
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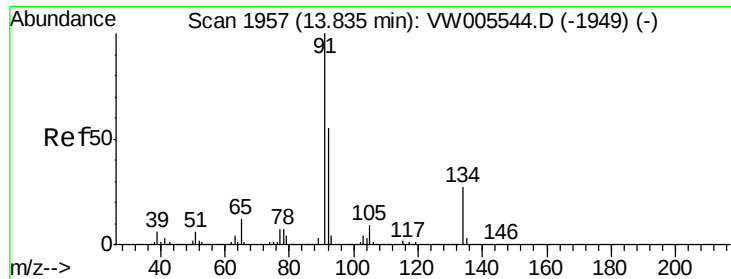
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#88
 1,4-Dichlorobenzene
 Concen: 20.117 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.9	59.7
148	64.4	32.1	96.3





#89

n-Butylbenzene

Concen: 20.063 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.01 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Instrument :

MSVOA_W

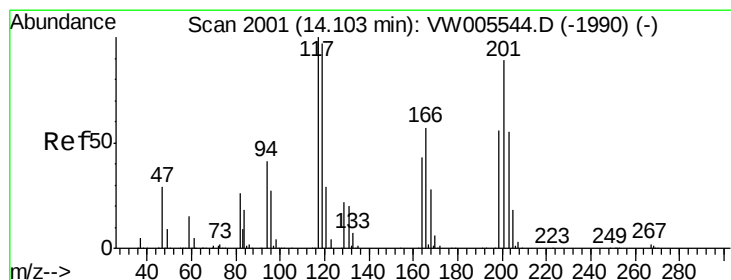
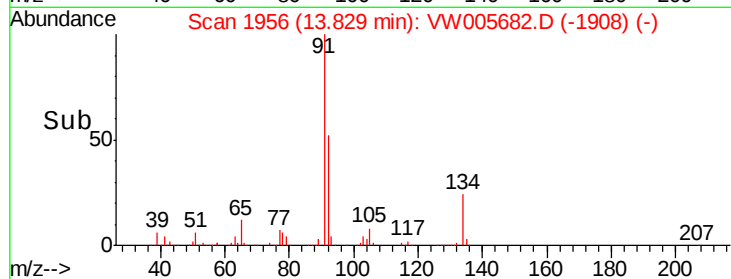
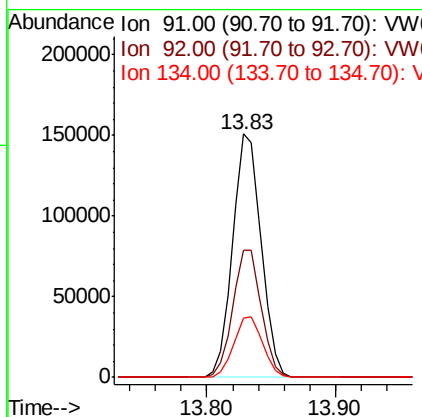
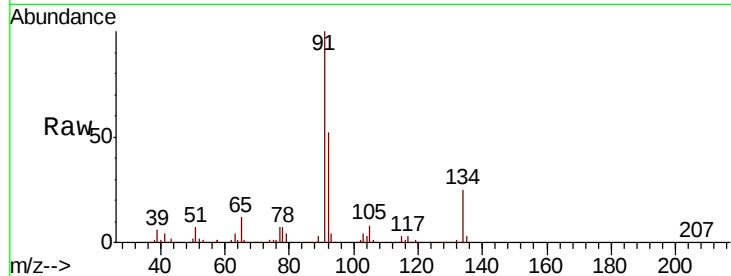
ClientSampleId :

VW092618SBS02

Tot Ion:	91	Resp:	232883
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.5	79.5
134	25.1	12.9	38.7

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#90

Hexachloroethane

Concen: 20.164 ug/l

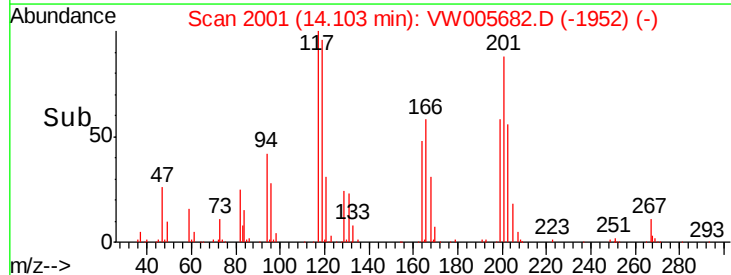
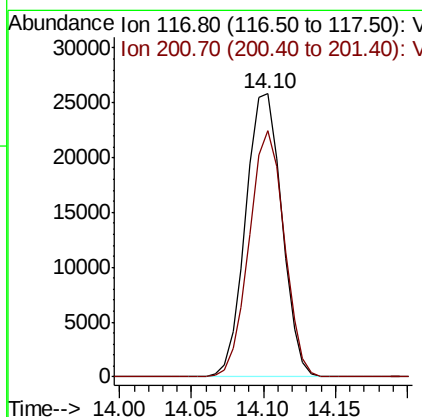
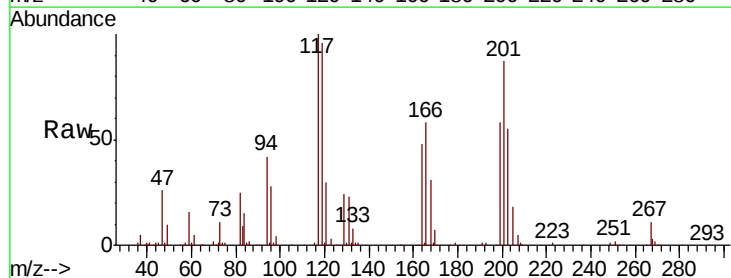
RT: 14.10 min Scan# 2001

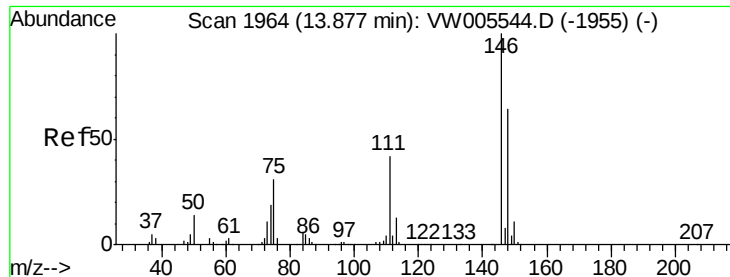
Delta R.T. -0.00 min

Lab File: VW005682.D

Acq: 27 Sep 2018 05:45

Tgt Ion:	117	Resp:	44975
Ion	Ratio	Lower	Upper
117	100		
201	84.1	42.8	128.3





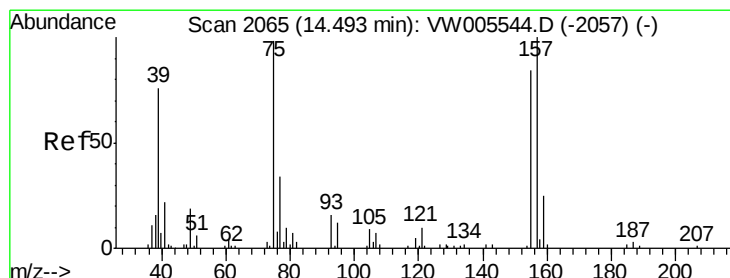
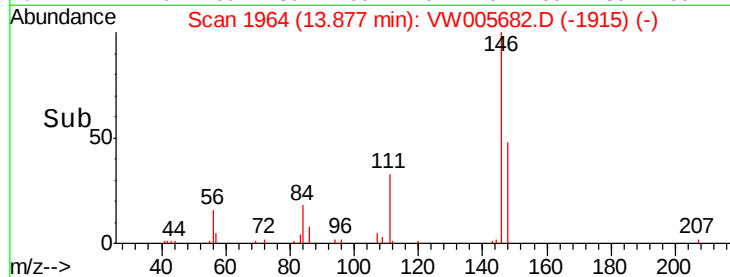
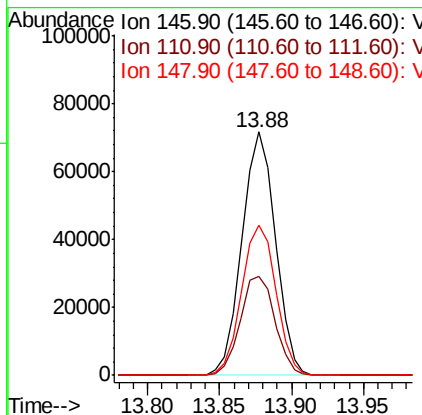
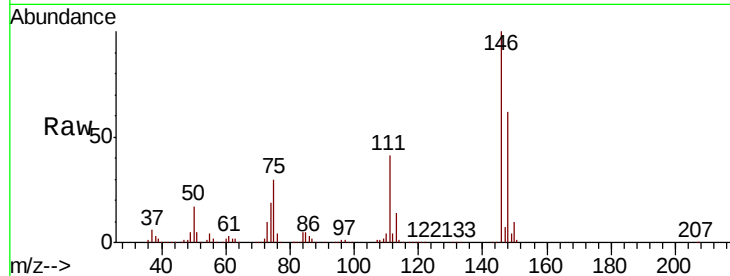
#91
 1,2-Dichlorobenzene
 Concen: 21.087 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	63.2	32.0	96.2

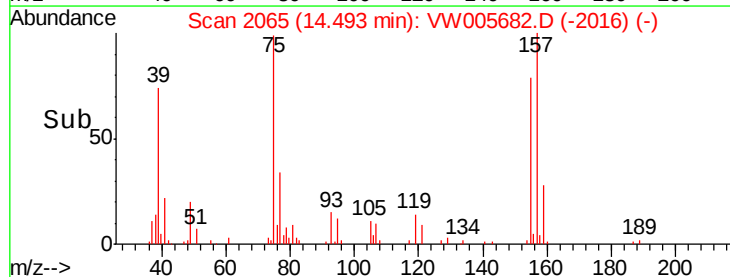
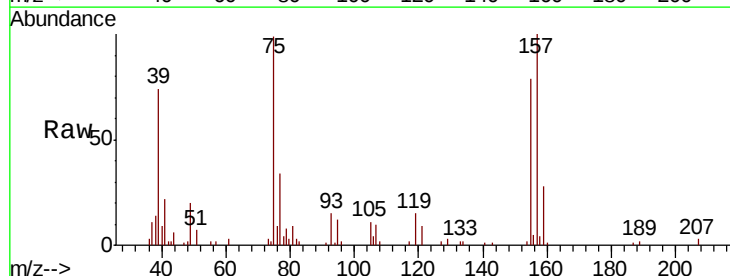
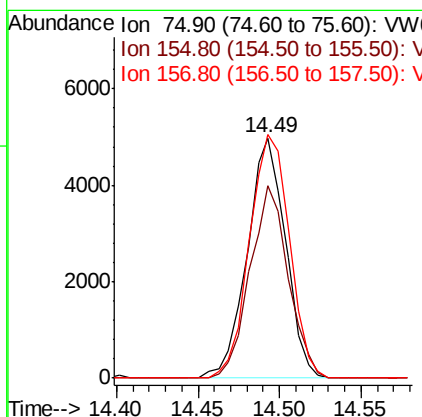
Manual Integrations
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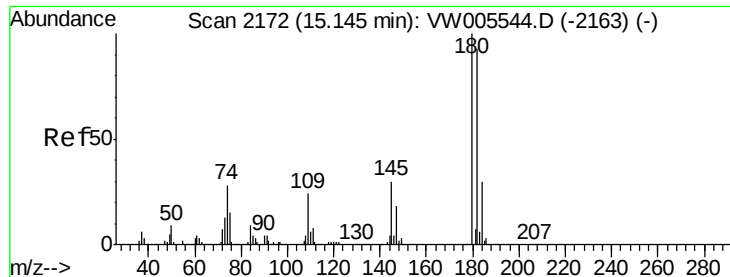
apatel
 9/27/2018 10:34:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.771 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	39.1	117.5
157	105.7	50.8	152.4





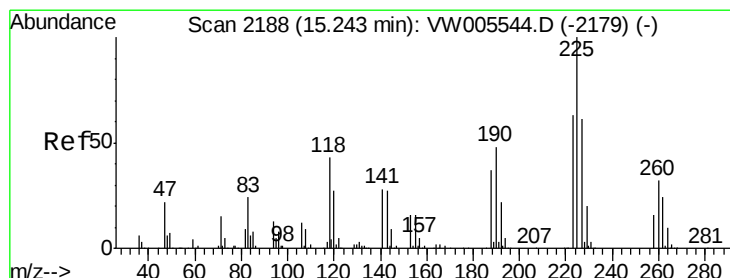
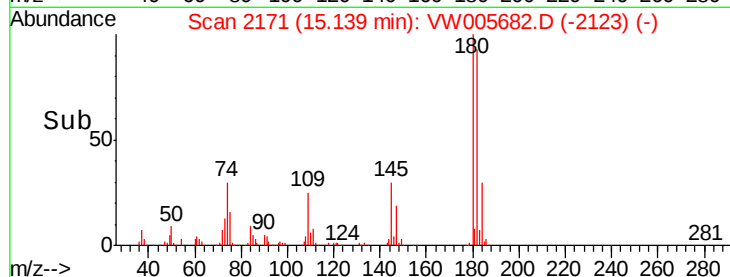
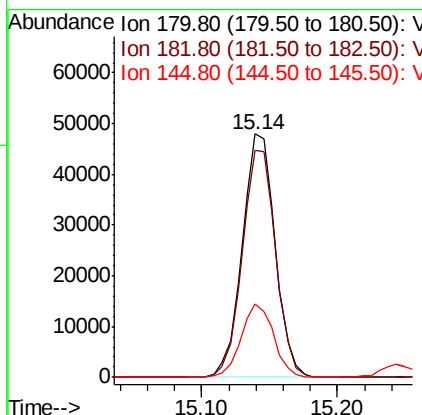
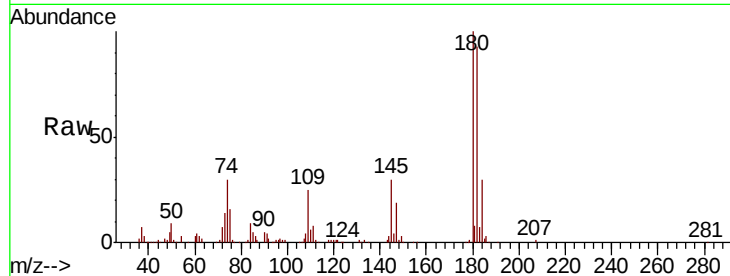
#93
 1,2,4-Trichlorobenzene
 Concen: 20.672 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	47.7	143.1	
145	30.0	15.0	45.1	

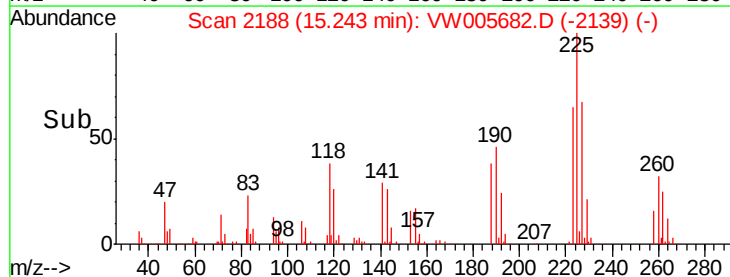
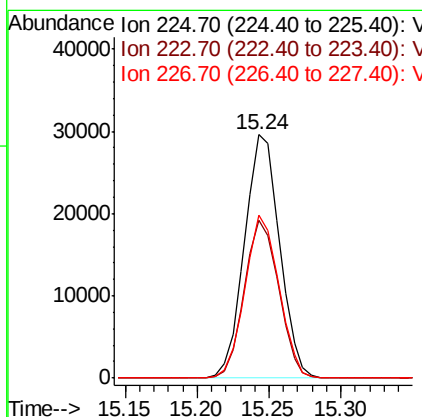
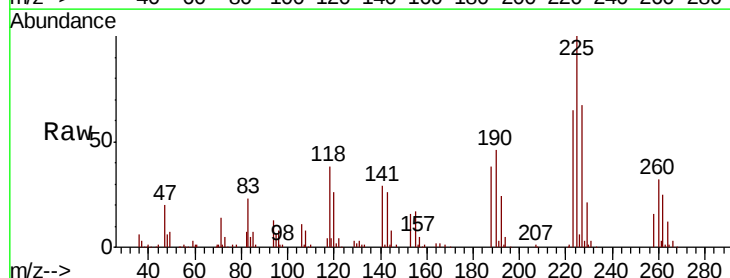
Manual Integrations
 APPROVED

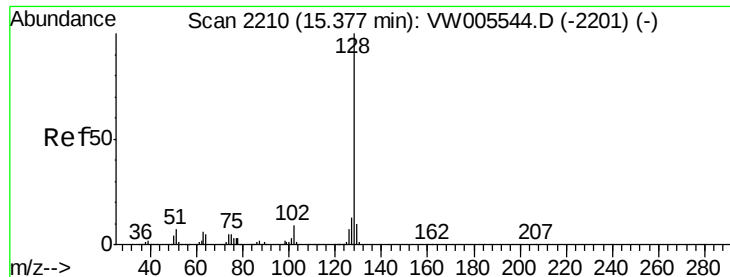
apatel
 9/27/2018 10:34:01 AM



#94
 Hexachlorobutadiene
 Concen: 19.682 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005682.D
 Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	31.1	93.3	
227	65.1	31.8	95.3	





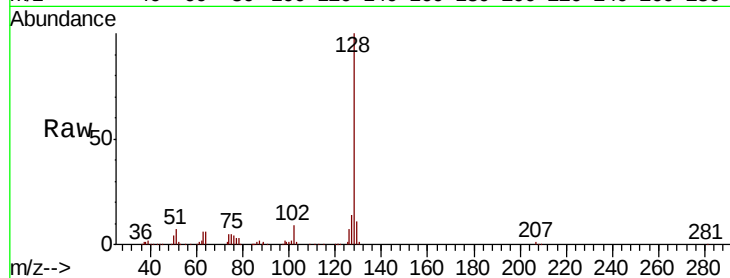
#95
Naphthalene
Concen: 20.845 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.9	16.3
129	11.2	8.6	13.0

Manual Integrations
APPROVED

apatel
9/27/2018 10:34:01 AM

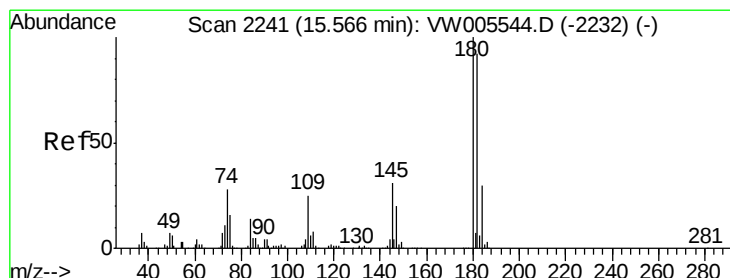
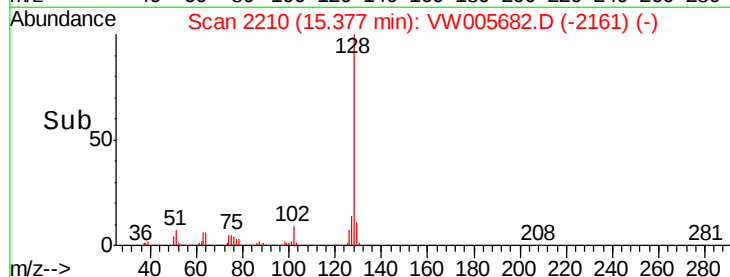
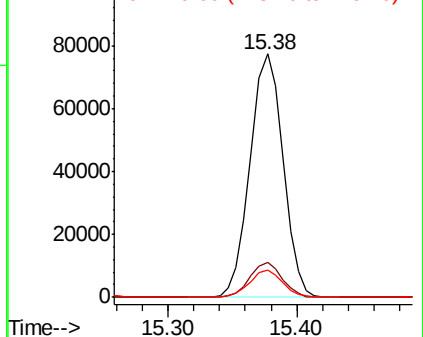


Abundance

Ion 128.00 (127.70 to 128.70): V

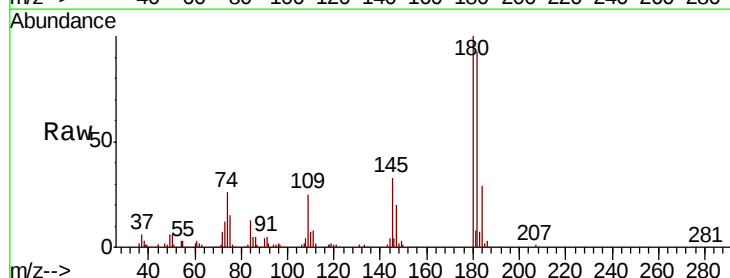
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.921 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005682.D
Acq: 27 Sep 2018 05:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.9
145	32.9	16.0	47.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

