

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003691.D
 Acq On : 03 Jul 2018 11:55
 Operator : SY/AP
 Sample : VW0703SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Manual Integrations
 APPROVED

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 7/5/2018 11:12:02 AM

Quant Time: Jul 03 13:42:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153809	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.88	113	135121	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.33	98	541951	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.62	95	192986	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	23872m	20.854	ug/l
3) Chloromethane	2.20	50	36716	18.522	ug/l
4) Vinyl Chloride	2.36	62	48813	18.048	ug/l
5) Bromomethane	2.78	94	32807	18.501	ug/l
6) Chloroethane	2.92	64	30900	18.988	ug/l
7) Trichlorofluoromethane	3.25	101	24845	17.275	ug/l
8) Diethyl Ether	3.67	74	23457	17.627	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46190	19.326	ug/l
10) Methyl Iodide	4.26	142	63682	18.145	ug/l
11) Tert butyl alcohol	5.23	59	16649	89.682	ug/l
12) 1,1-Dichloroethene	4.03	96	42164	17.700	ug/l
13) Acrolein	3.90	56	10005	111.070	ug/l
14) Allyl chloride	4.66	41	73206	17.969	ug/l
15) Acrylonitrile	5.37	53	54821	88.823	ug/l
16) Acetone	4.14	43	62142	87.747	ug/l
17) Carbon Disulfide	4.37	76	119648	16.731	ug/l
18) Methyl Acetate	4.67	43	27045	18.048	ug/l
19) Methyl tert-butyl Ether	5.43	73	86156	18.516	ug/l
20) Methylene Chloride	4.91	84	55006	18.149	ug/l
21) trans-1,2-Dichloroethene	5.41	96	47705	18.285	ug/l
22) Diisopropyl ether	6.31	45	155990	18.675	ug/l
23) Vinyl Acetate	6.26	43	461498	90.832	ug/l
24) 1,1-Dichloroethane	6.21	63	93500	18.770	ug/l
25) 2-Butanone	7.18	43	79611	87.793	ug/l
26) 2,2-Dichloropropane	7.17	77	58326	19.097	ug/l
27) cis-1,2-Dichloroethene	7.17	96	51736	18.210	ug/l
28) Bromochloromethane	7.51	49	44185	20.179	ug/l
29) Tetrahydrofuran	7.54	42	47862	88.049	ug/l
30) Chloroform	7.68	83	94463	18.754	ug/l
31) Cyclohexane	7.95	56	79864	17.609	ug/l
32) 1,1,1-Trichloroethane	7.87	97	74867	19.094	ug/l
36) 1,1-Dichloropropene	8.08	75	73550	18.920	ug/l
37) Ethyl Acetate	7.26	43	34985	18.489	ug/l
38) Carbon Tetrachloride	8.07	117	71963	19.460	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80778	18.044	ug/l	99
40) Benzene	8.32	78	206379	18.888	ug/l	100
41) Methacrylonitrile	7.49	41	18368	17.078	ug/l	95
42) 1,2-Dichloroethane	8.40	62	64947	18.878	ug/l	98
43) Isopropyl Acetate	8.43	43	64088	17.983	ug/l	100
44) Trichloroethene	9.09	130	53022	18.772	ug/l	99
45) 1,2-Dichloropropane	9.37	63	53476	18.867	ug/l	98
46) Dibromomethane	9.46	93	27278	18.531	ug/l	99
47) Bromodichloromethane	9.65	83	68930	18.943	ug/l	99
48) Methyl methacrylate	9.44	41	29990	18.217	ug/l	99
49) 1,4-Dioxane	9.48	88	8626	373.560	ug/l #	98
51) 4-Methyl-2-Pentanone	10.22	43	170675	90.886	ug/l	100
52) Toluene	10.39	92	132313	19.405	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69388	18.381	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	79331	18.536	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39200	18.902	ug/l	95
56) Ethyl methacrylate	10.65	69	46853	18.363	ug/l	99
57) 1,3-Dichloropropane	10.94	76	69234	19.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	106122	95.736	ug/l	100
59) 2-Hexanone	10.98	43	125161	93.237	ug/l	97
60) Dibromochloromethane	11.13	129	45034	18.576	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36107	18.177	ug/l	98
64) Tetrachloroethene	10.87	164	45918	18.797	ug/l	98
65) Chlorobenzene	11.66	112	145407	19.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	51559	19.416	ug/l	99
67) Ethyl Benzene	11.74	91	253695	19.055	ug/l	100
68) m/p-Xylenes	11.85	106	193090	38.138	ug/l	98
69) o-Xylene	12.17	106	88652	18.941	ug/l	100
70) Styrene	12.19	104	150945	19.201	ug/l	99
71) Bromoform	12.35	173	26687	18.086	ug/l #	100
73) Isopropylbenzene	12.47	105	250970	19.369	ug/l	99
74) N-amyl acetate	12.28	43	61770	18.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47197	18.622	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33861m	19.770	ug/l	
77) Bromobenzene	12.75	156	60097	19.326	ug/l	99
78) n-propylbenzene	12.81	91	315788	19.728	ug/l	99
79) 2-Chlorotoluene	12.90	91	175370	19.253	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	216459	19.747	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14273	17.658	ug/l	97
82) 4-Chlorotoluene	12.99	91	187903	19.433	ug/l	99
83) tert-Butylbenzene	13.21	119	180443	19.515	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	224374	19.883	ug/l	99
85) sec-Butylbenzene	13.39	105	270006	19.624	ug/l	99
86) p-Isopropyltoluene	13.51	119	239892	19.934	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	123710	19.602	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	123130	19.524	ug/l	99
89) n-Butylbenzene	13.84	91	237107	19.928	ug/l	98
90) Hexachloroethane	14.10	117	43761	19.573	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	109884	19.472	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8024	18.171	ug/l	95

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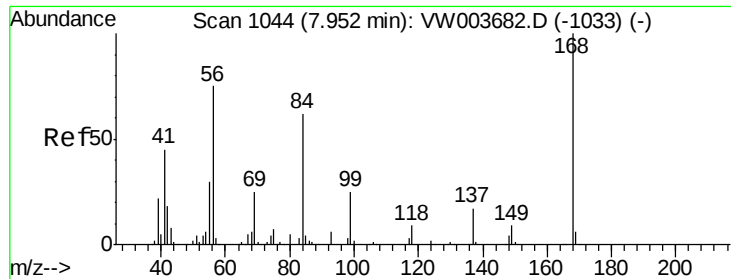
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	77472	19.471	ug/l	100
94) Hexachlorobutadiene	15.25	225	45961	20.000	ug/l	99
95) Naphthalene	15.38	128	131897	18.277	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	68115	19.218	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion:168 Resp: 248848

Ion Ratio Lower Upper

168 100

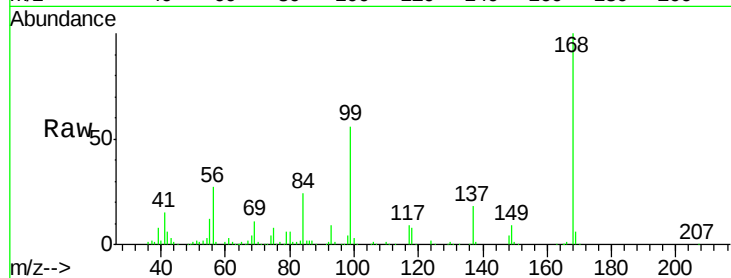
99 55.5 45.4 68.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

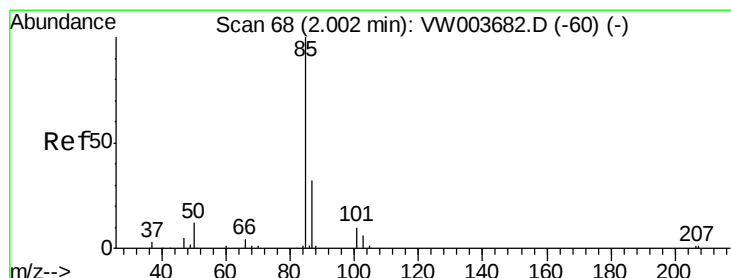
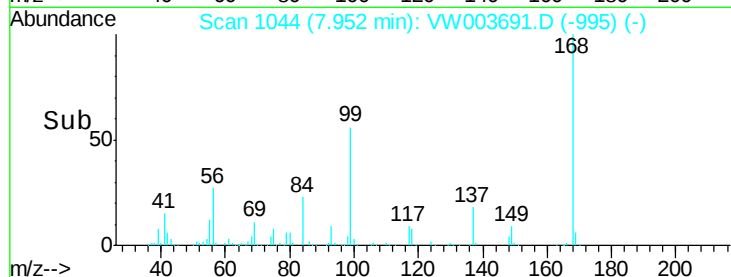
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 20.854 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003691.D

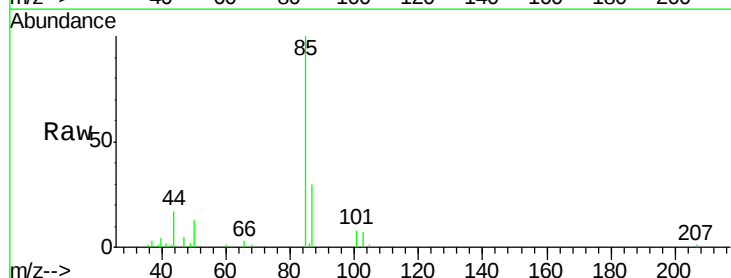
Acq: 03 Jul 2018 11:55

Tgt Ion: 85 Resp: 23872

Ion Ratio Lower Upper

85 100

87 29.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

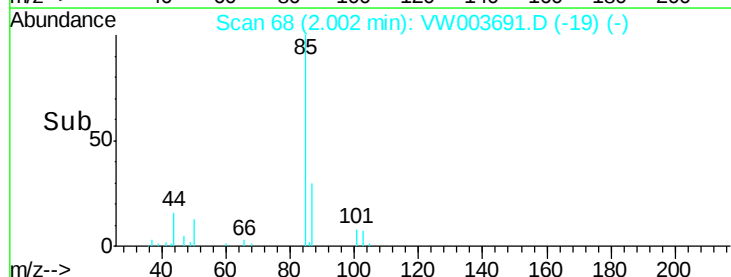
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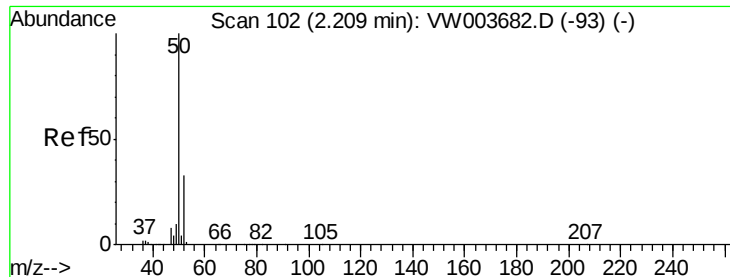
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 18.522 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion: 50 Resp: 36716

Ion Ratio Lower Upper

50 100

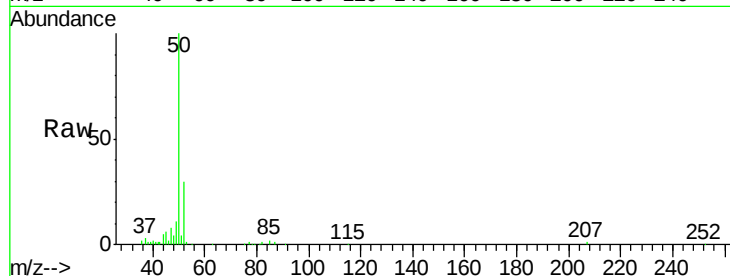
52 30.3 26.1 39.1

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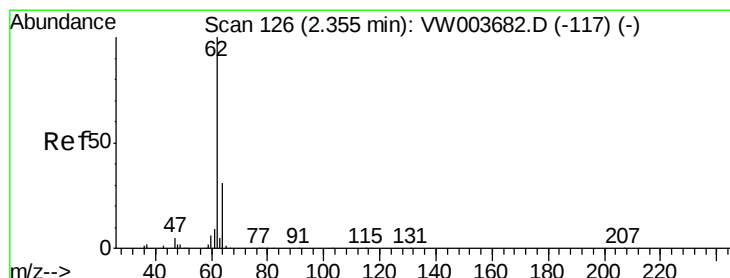
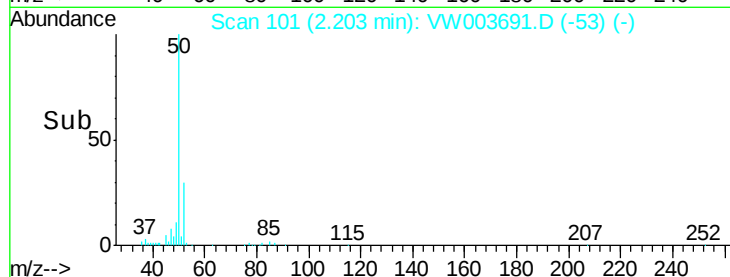
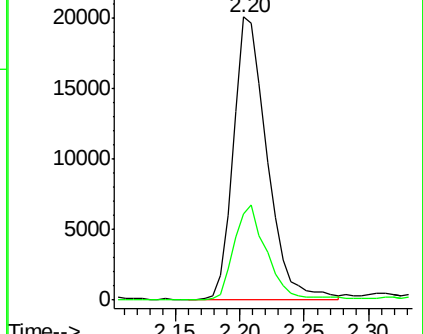
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 18.048 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003691.D

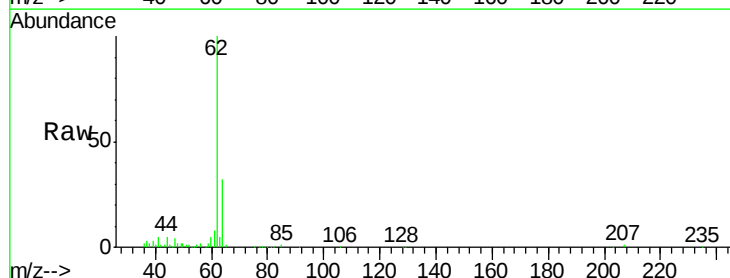
Acq: 03 Jul 2018 11:55

Tgt Ion: 62 Resp: 48813

Ion Ratio Lower Upper

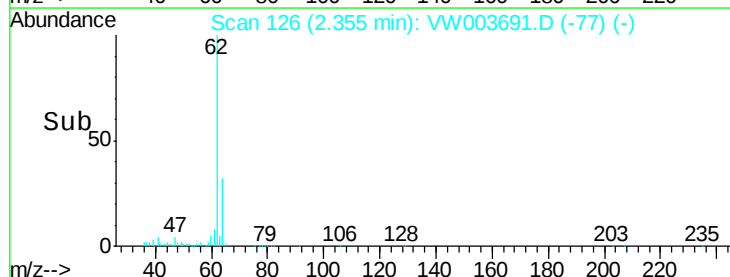
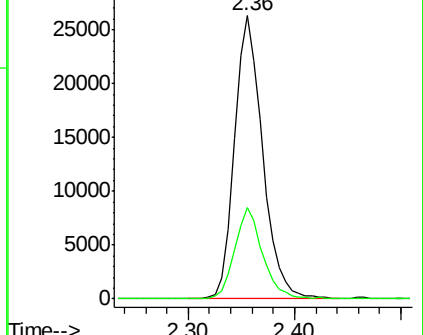
62 100

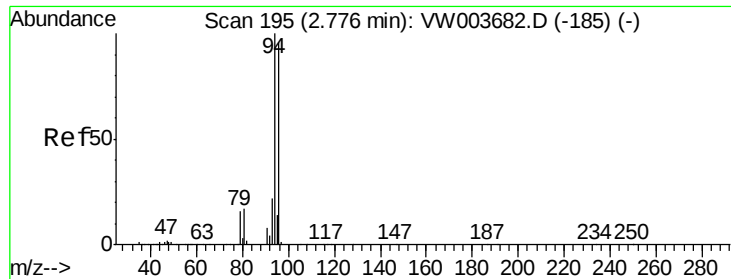
64 32.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 18.501 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion: 94 Resp: 32807

Ion Ratio Lower Upper

94 100

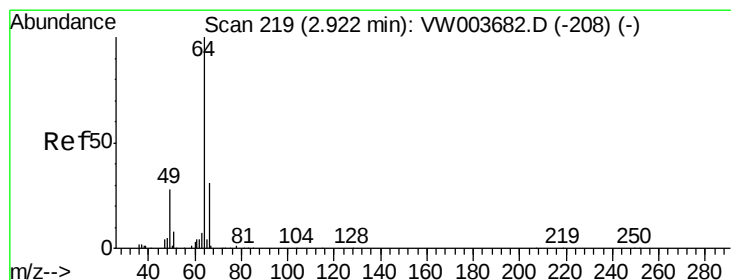
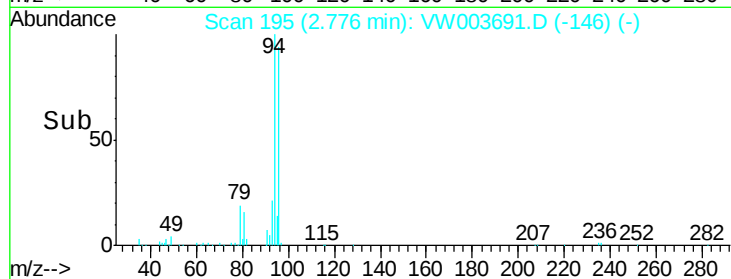
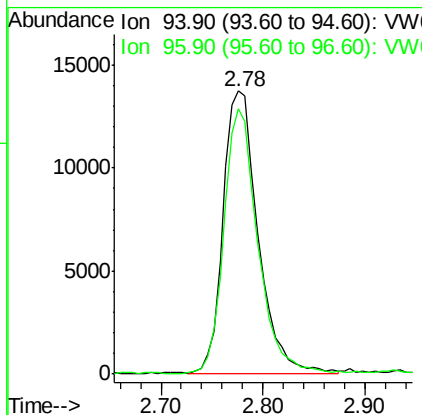
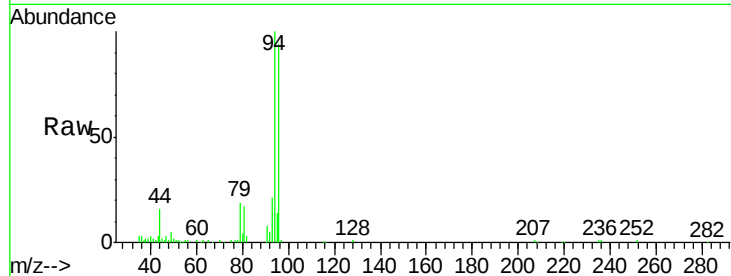
96 93.2 76.6 115.0

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#6

Chloroethane

Concen: 18.988 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003691.D

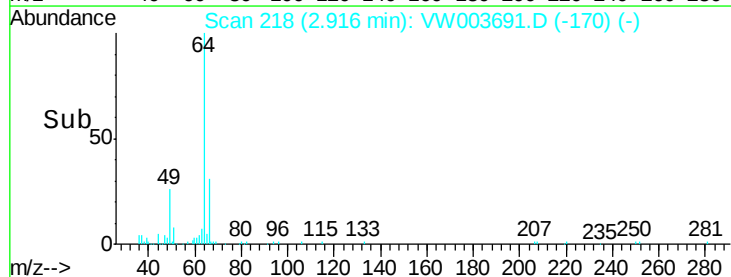
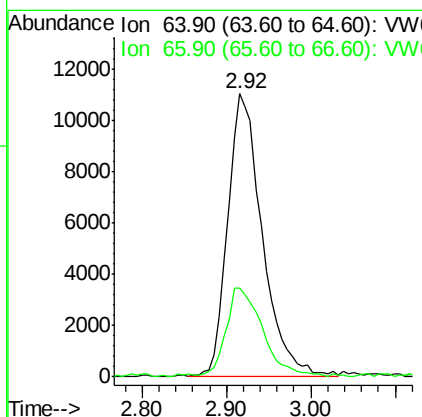
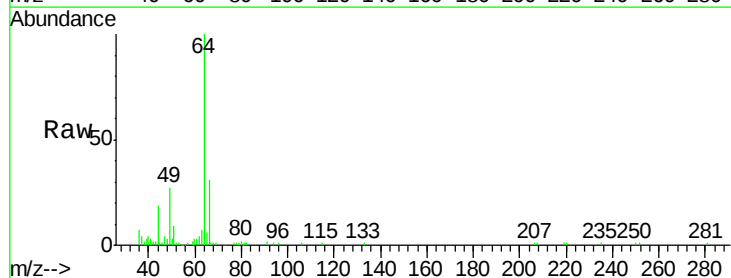
Acq: 03 Jul 2018 11:55

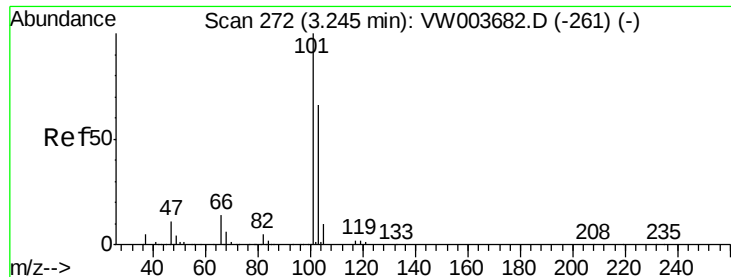
Tgt Ion: 64 Resp: 30900

Ion Ratio Lower Upper

64 100

66 30.4 25.0 37.6





#7

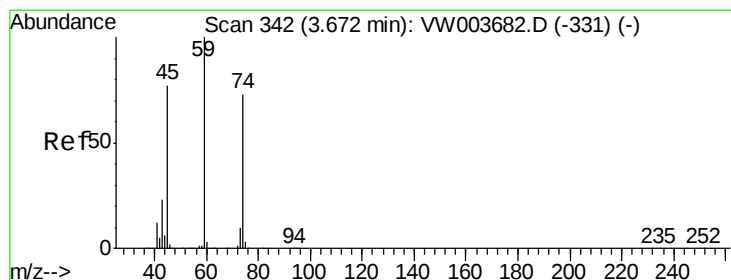
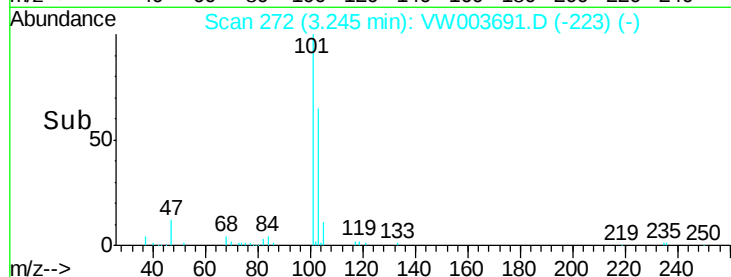
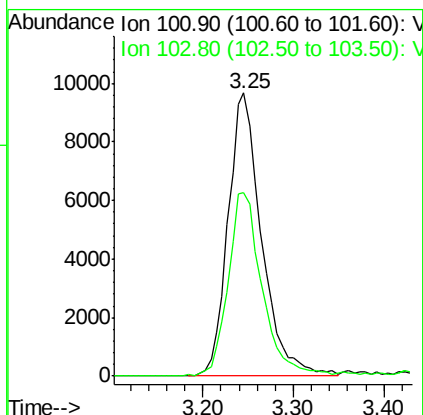
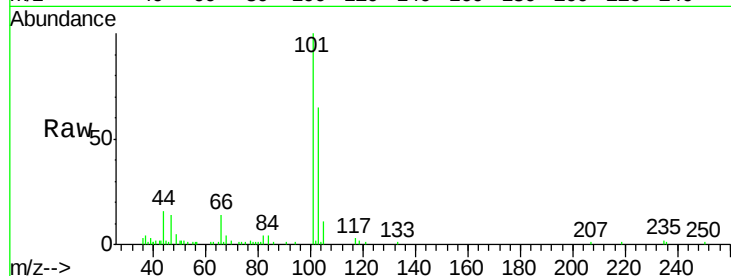
Trichlorofluoromethane
Concen: 17.275 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
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ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.9	79.3

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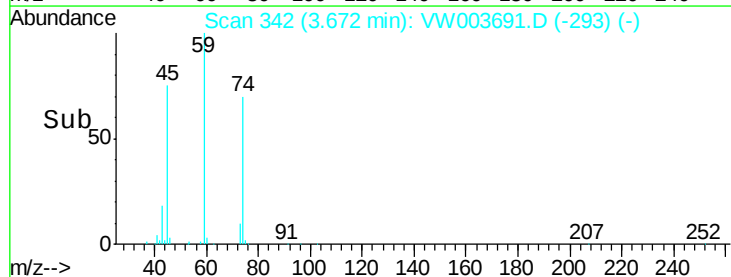
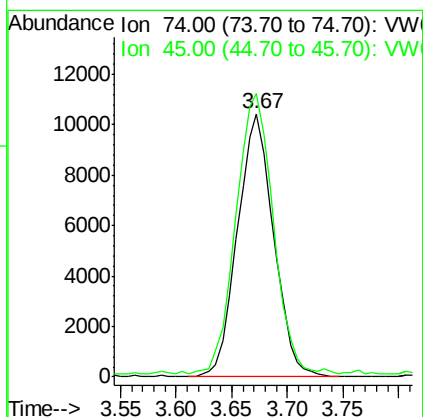
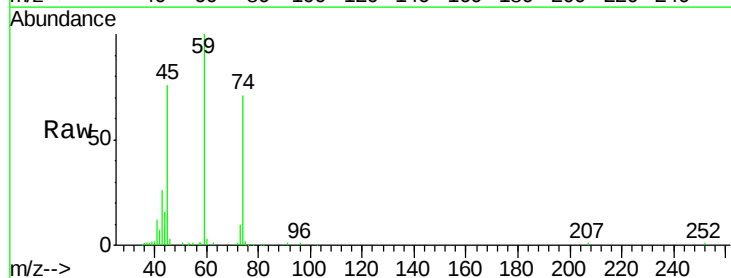
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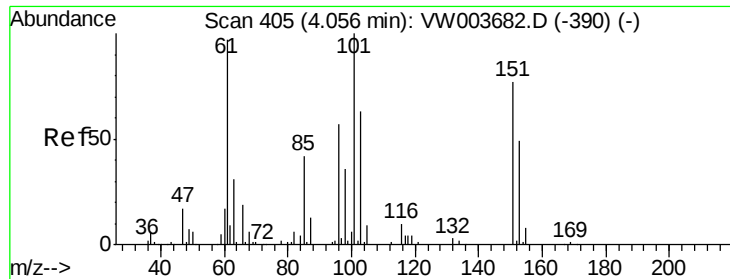


#8

Diethyl Ether
Concen: 17.627 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.9	53.5	160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.326 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

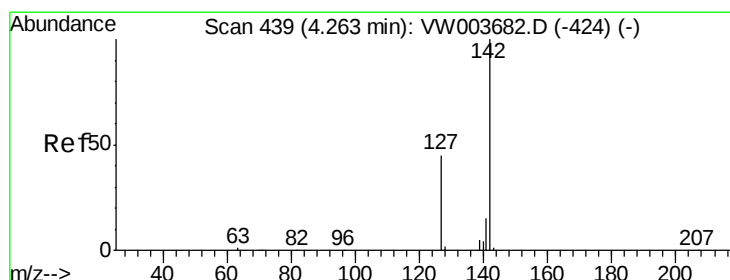
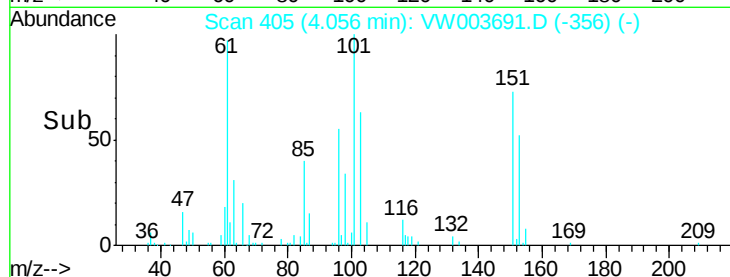
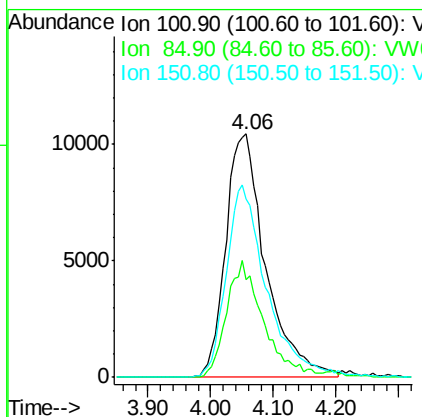
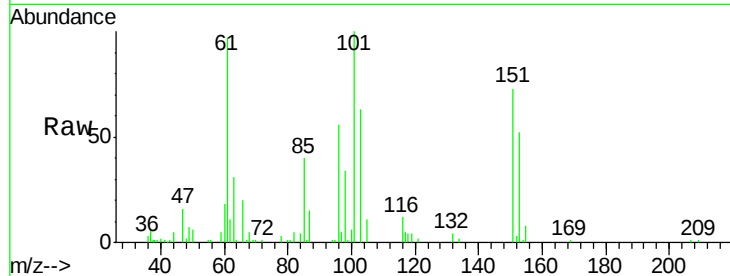
ClientSampleId :

VW0703SBS01

Tot Ion:	101	Resp:	46190
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.6	55.0
151	79.8	62.4	93.6

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#10

Methyl Iodide

Concen: 18.145 ug/l

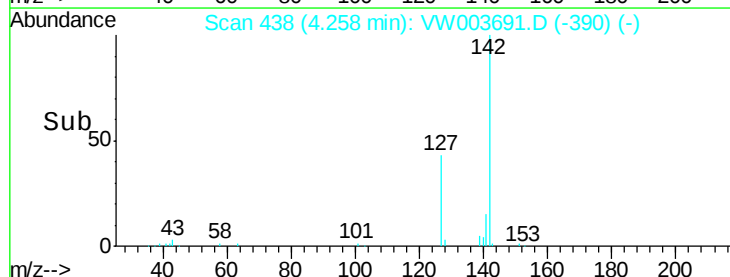
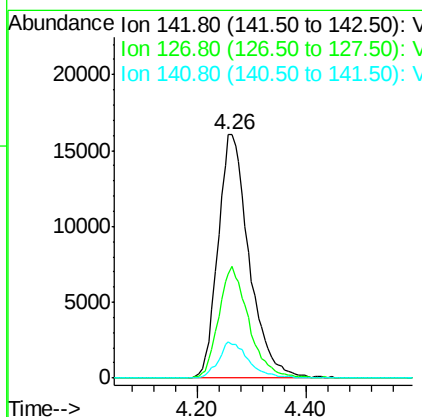
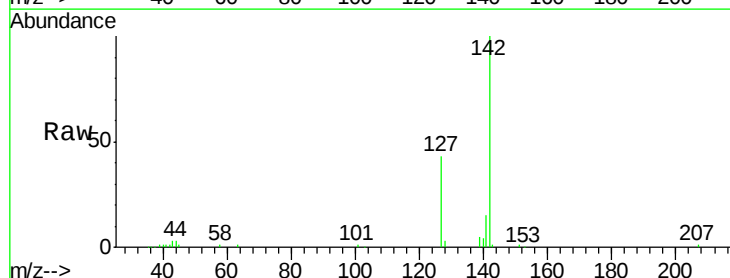
RT: 4.26 min Scan# 438

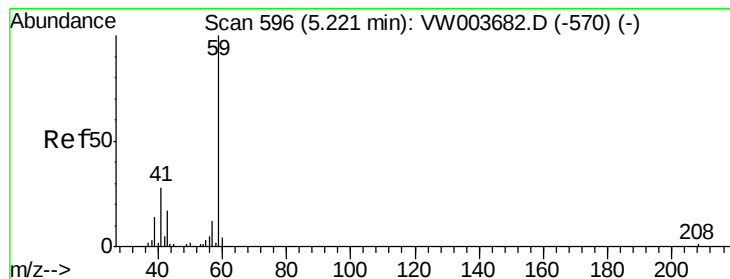
Delta R.T. -0.01 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Tgt Ion:	142	Resp:	63682
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.0	54.0
141	14.3	11.9	17.9





#11

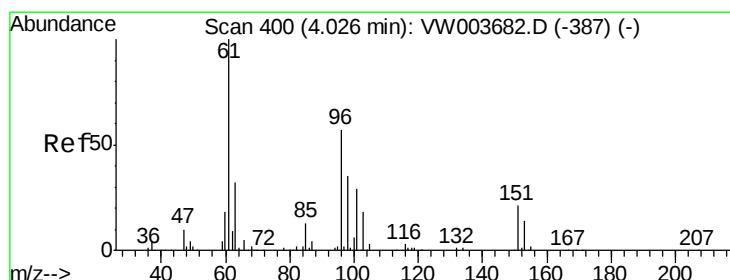
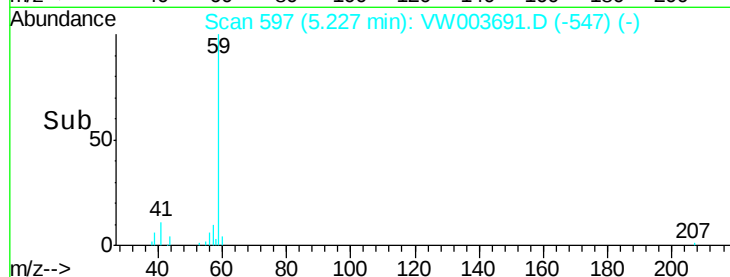
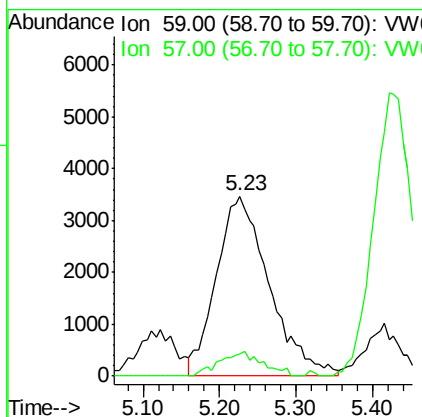
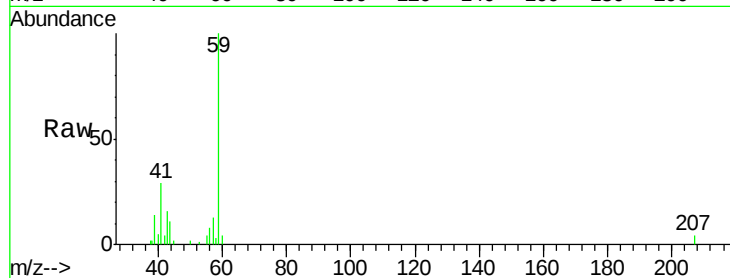
Tert butyl alcohol
Concen: 89.682 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	59	Resp	16649
Ion Ratio	100	Lower	Upper
57	11.2	9.0	13.4

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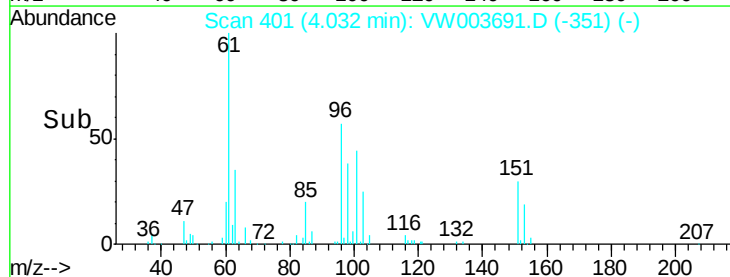
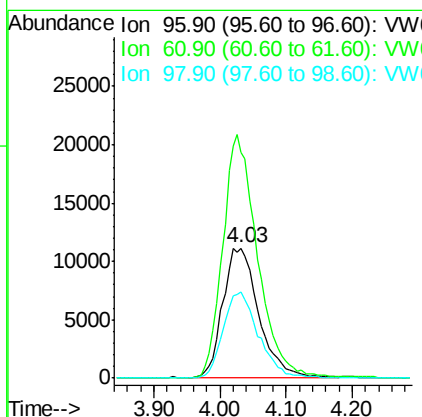
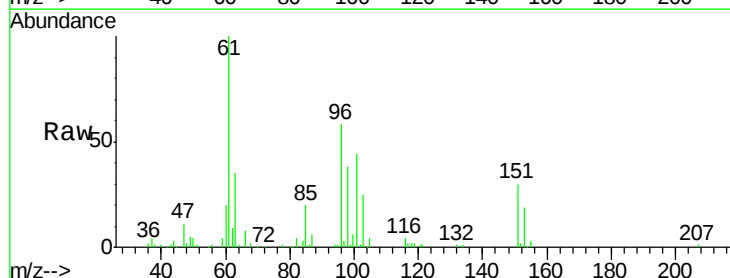
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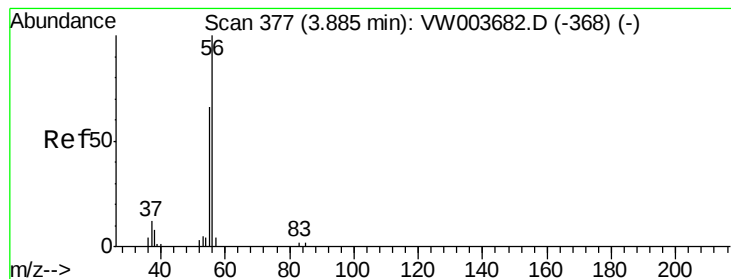


#12

1,1-Dichloroethene
Concen: 17.700 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	96	Resp	42164
Ion Ratio	100	Lower	Upper
61	173.3	140.6	211.0
98	66.5	49.4	74.0





#13

Acrolein

Concen: 111.070 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion: 56 Resp: 10005

Ion Ratio Lower Upper

56 100

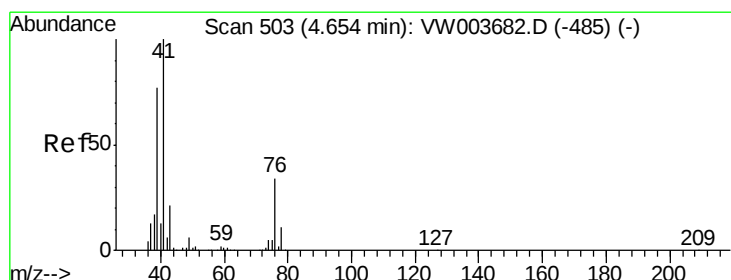
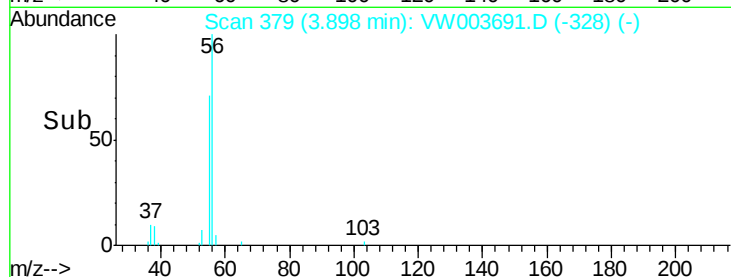
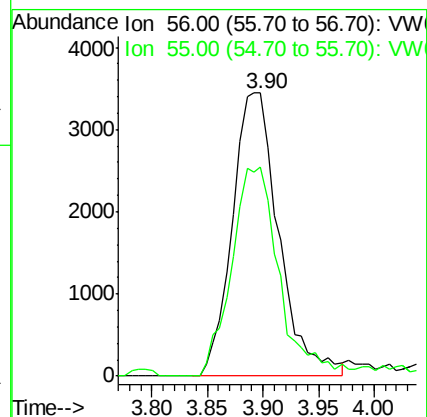
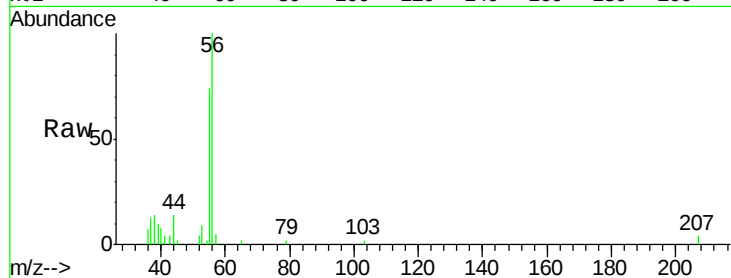
55 75.7 54.7 82.1

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#14

Allyl chloride

Concen: 17.969 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

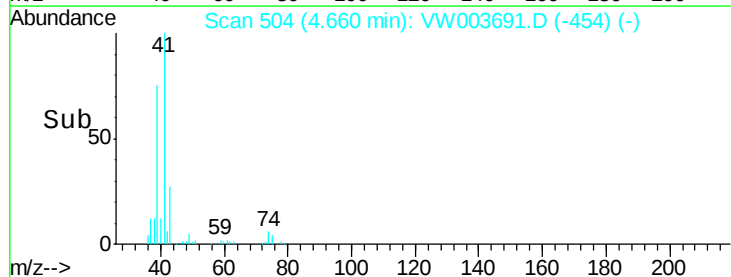
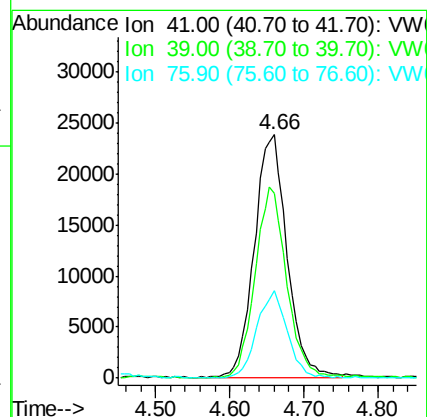
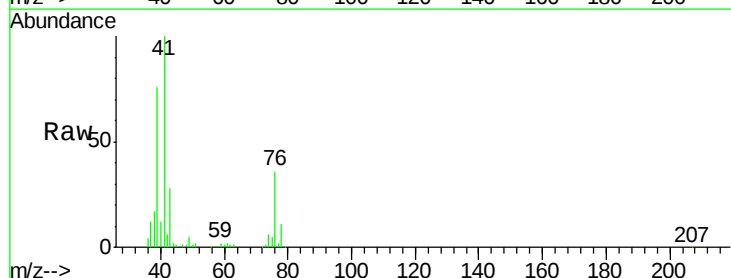
Tgt Ion: 41 Resp: 73206

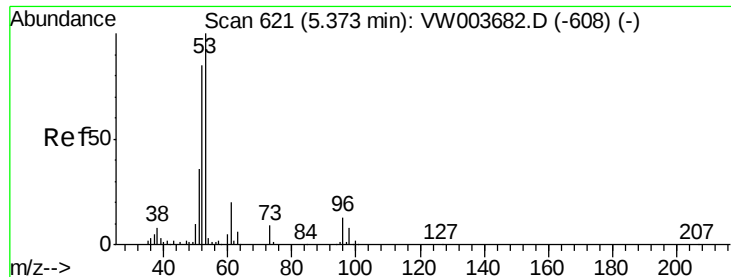
Ion Ratio Lower Upper

41 100

39 75.6 60.1 90.1

76 33.6 27.2 40.8





#15

Acrylonitrile

Concen: 88.823 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

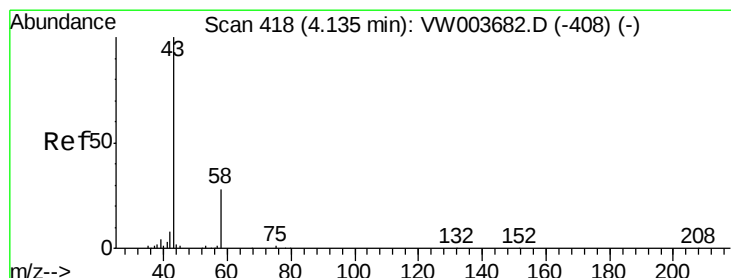
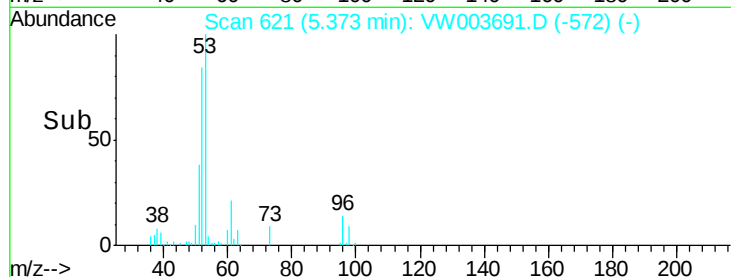
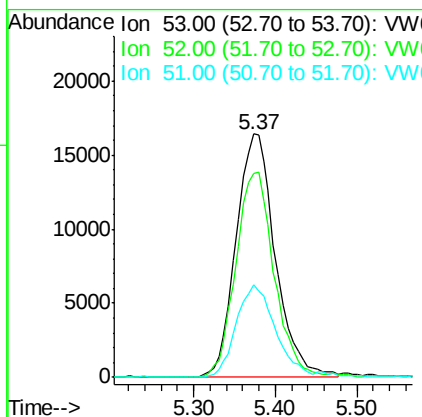
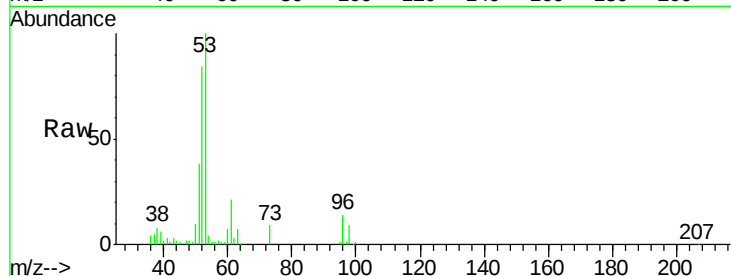
ClientSampleId :

VW0703SBS01

Tot Ion:	53	Resp:	54821
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.8	100.2
51	37.6	30.2	45.4

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#16

Acetone

Concen: 87.747 ug/l

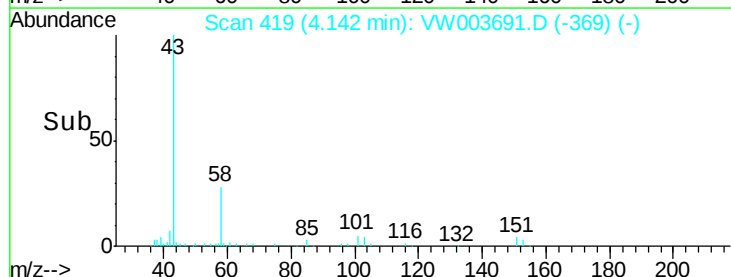
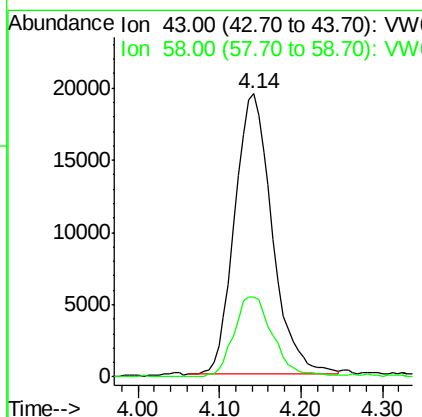
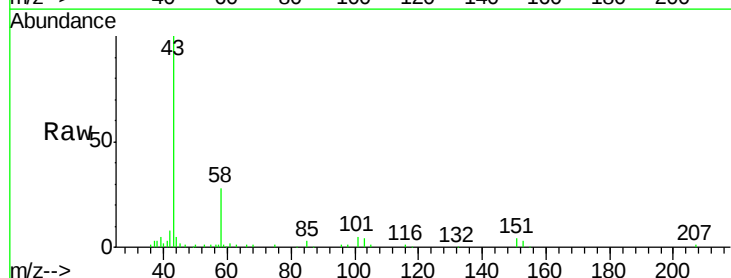
RT: 4.14 min Scan# 419

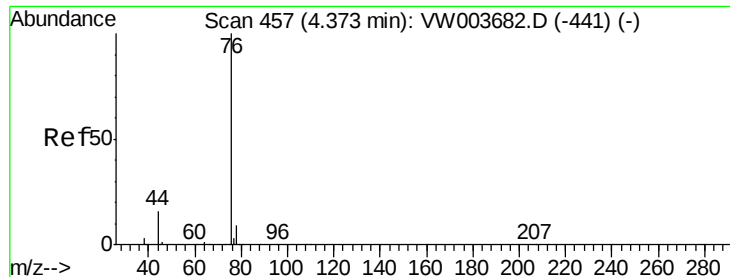
Delta R.T. 0.01 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Tgt Ion:	43	Resp:	62142
Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.7	34.1





#17

Carbon Disulfide

Concen: 16.731 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBSD01

Tot Ion: 76 Resp: 119648

Ion Ratio Lower Upper

76 100

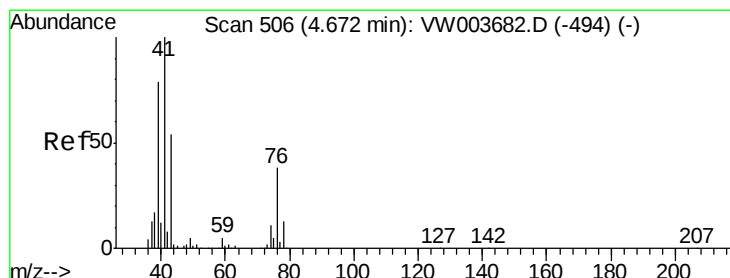
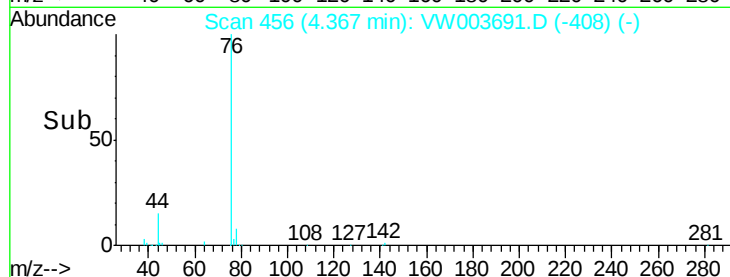
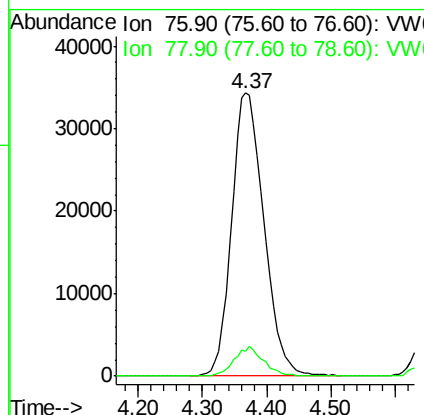
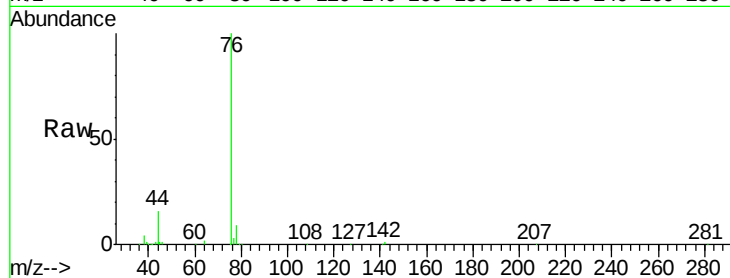
78 8.9 7.4 11.2

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#18

Methyl Acetate

Concen: 18.048 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003691.D

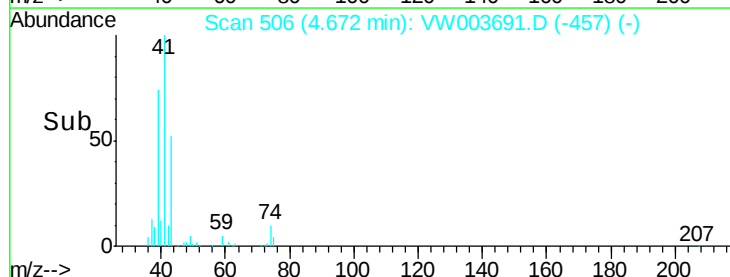
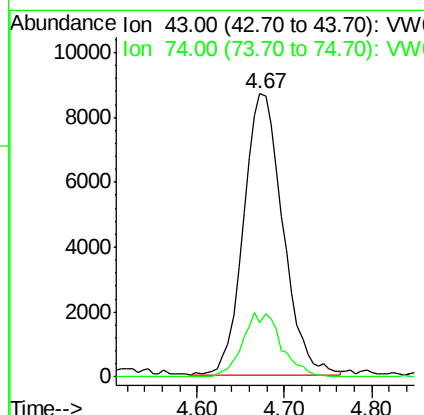
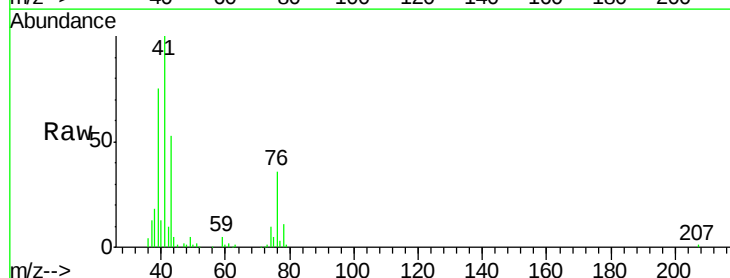
Acq: 03 Jul 2018 11:55

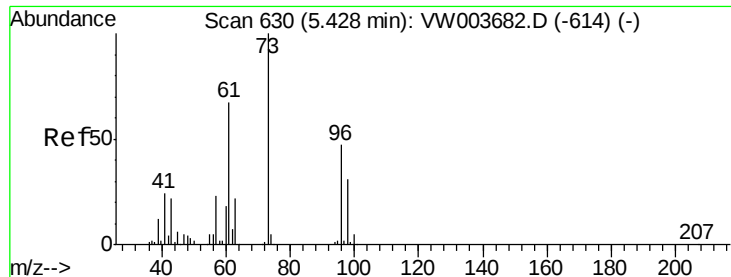
Tgt Ion: 43 Resp: 27045

Ion Ratio Lower Upper

43 100

74 22.6 18.2 27.2





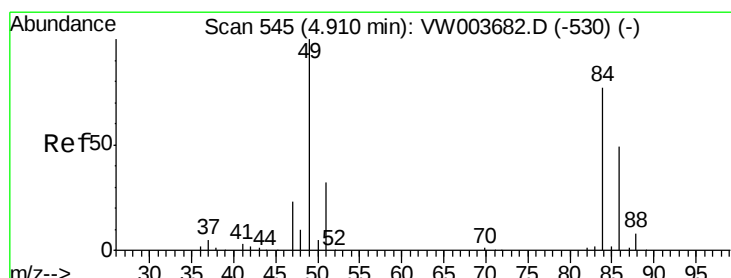
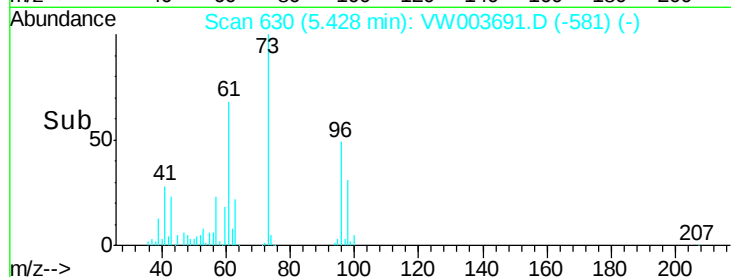
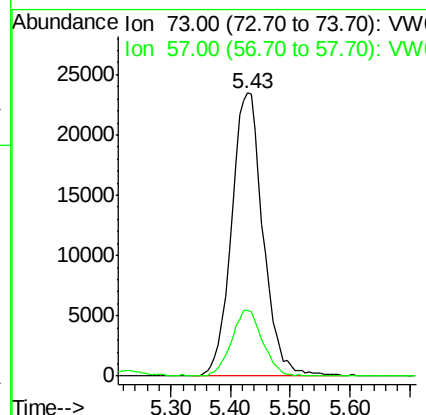
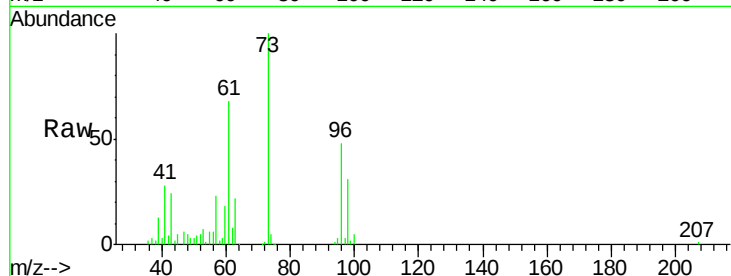
#19
Methvl tert-butvl Ether
Concen: 18.516 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion: 73 Resp: 86156
Ion Ratio Lower Upper
73 100
57 23.2 18.1 27.1

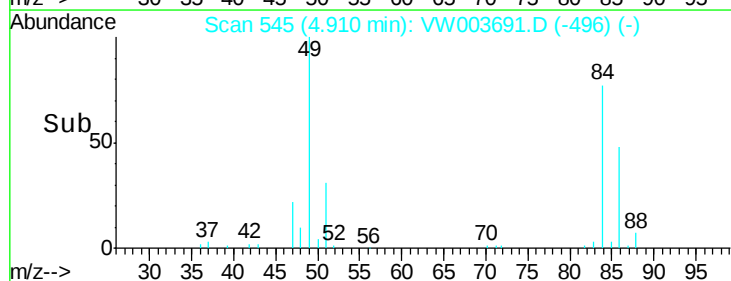
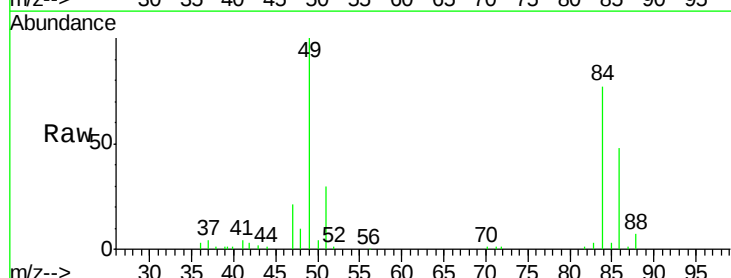
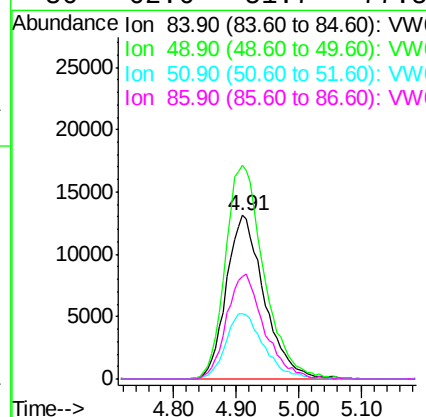
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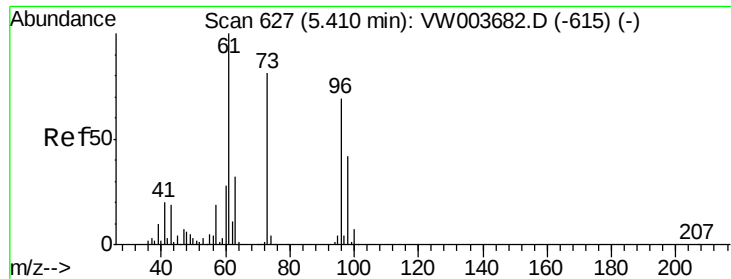
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#20
Methylene Chloride
Concen: 18.149 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion: 84 Resp: 55006
Ion Ratio Lower Upper
84 100
49 130.3 104.6 156.8
51 39.6 33.2 49.8
86 62.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 18.285 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

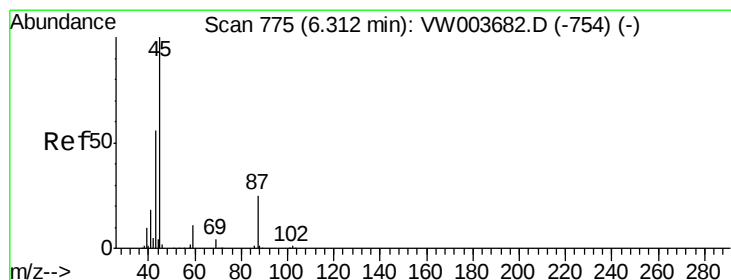
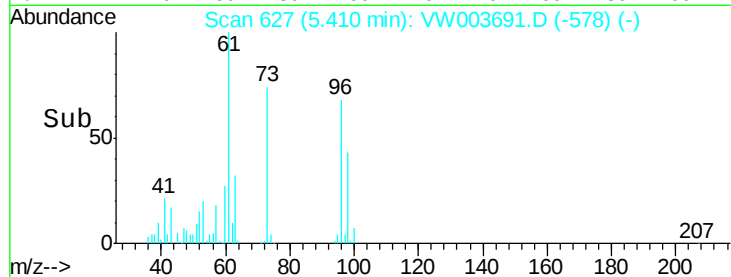
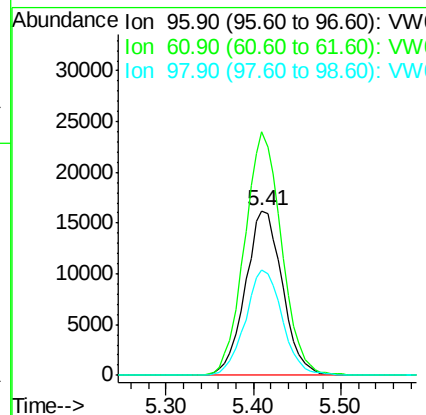
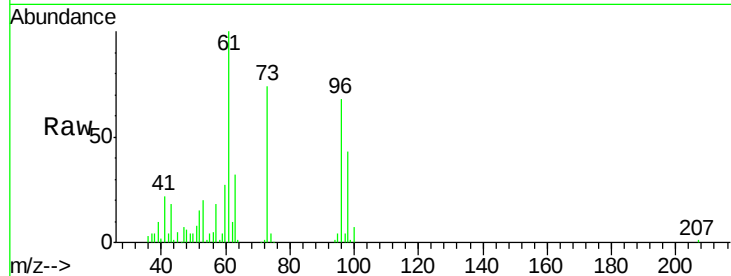
ClientSampleId :

VW0703SBS01

Tot Ion:	96	Resp:	47705
Ion	Ratio	Lower	Upper
96	100		
61	148.1	116.8	175.2
98	64.2	49.6	74.4

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#22

Diisopropyl ether

Concen: 18.675 ug/l

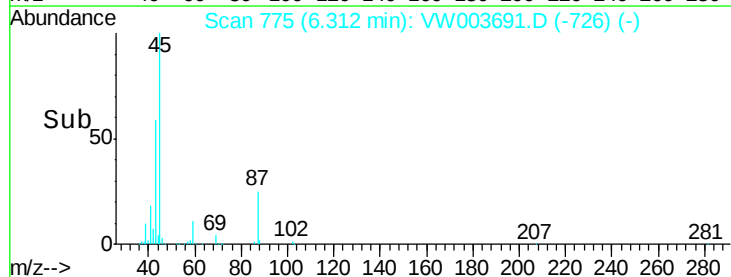
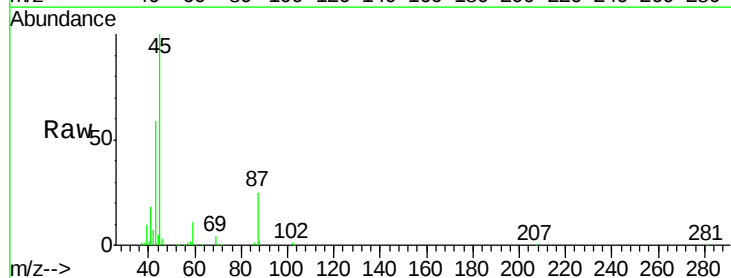
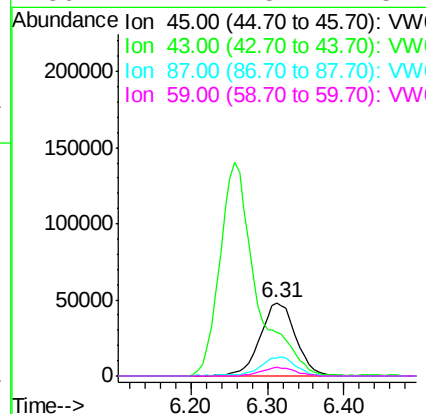
RT: 6.31 min Scan# 775

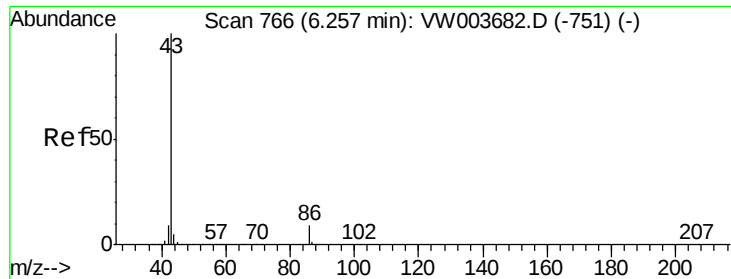
Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Tgt Ion:	45	Resp:	155990
Ion	Ratio	Lower	Upper
45	100		
43	58.0	44.5	66.7
87	24.8	20.2	30.4
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 90.832 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion: 43 Resp: 461498

Ion Ratio Lower Upper

43 100

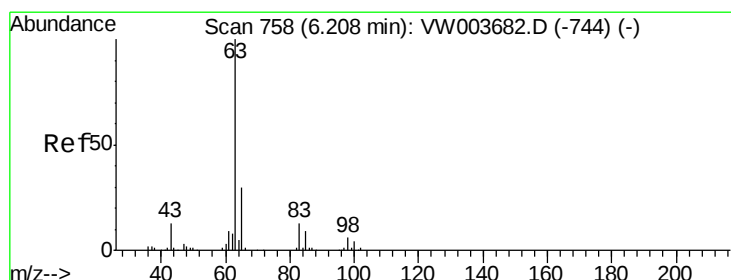
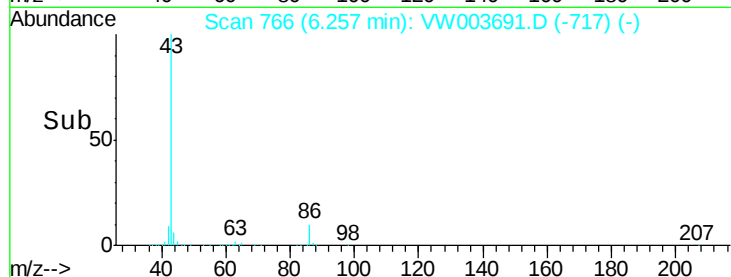
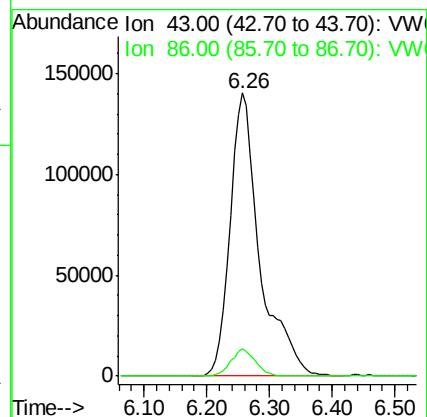
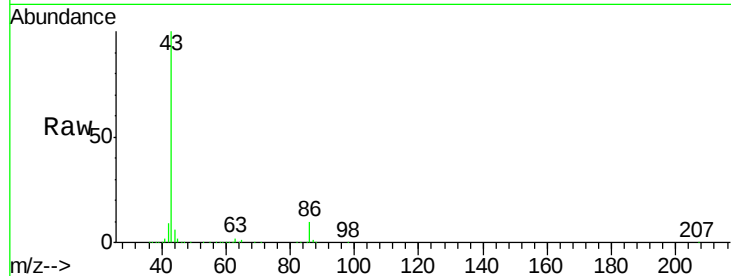
86 9.8 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 18.770 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

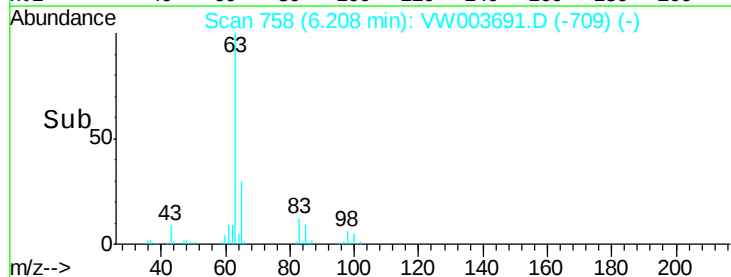
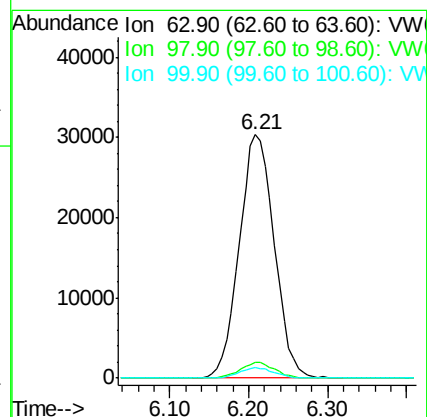
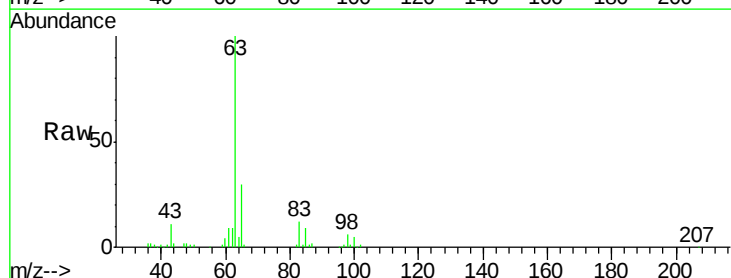
Tgt Ion: 63 Resp: 93500

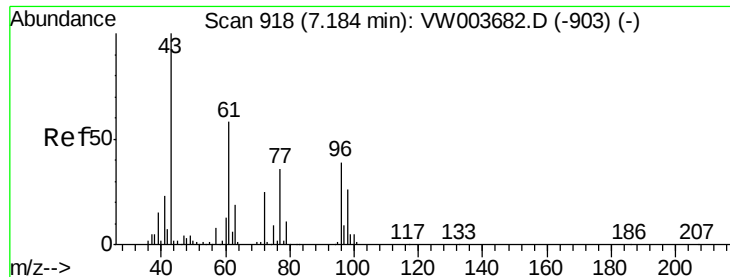
Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.6

100 4.5 1.9 5.7





#25

2-Butanone

Concen: 87.793 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion: 43 Resp: 79611

Ion Ratio Lower Upper

43 100

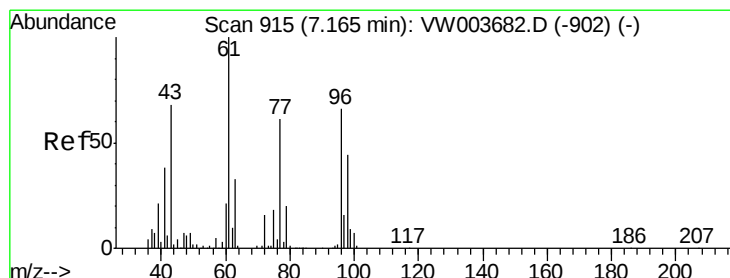
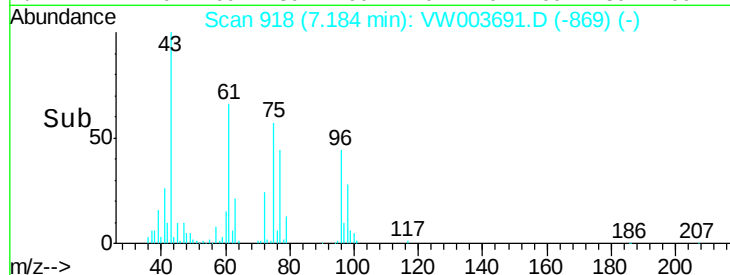
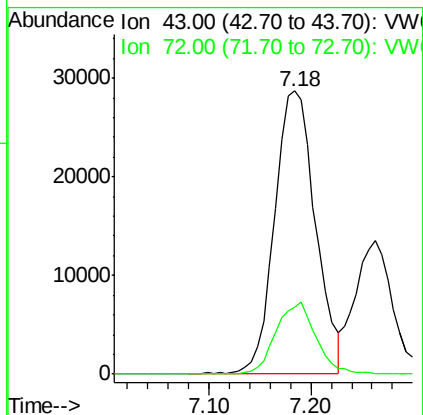
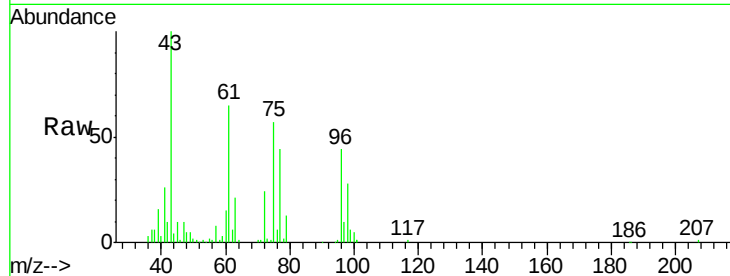
72 23.7 20.2 30.4

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#26

2,2-Dichloropropane

Concen: 19.097 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003691.D

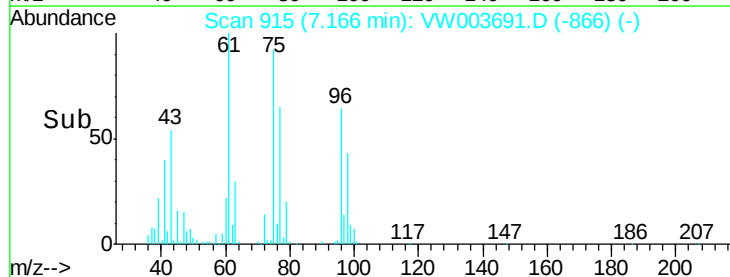
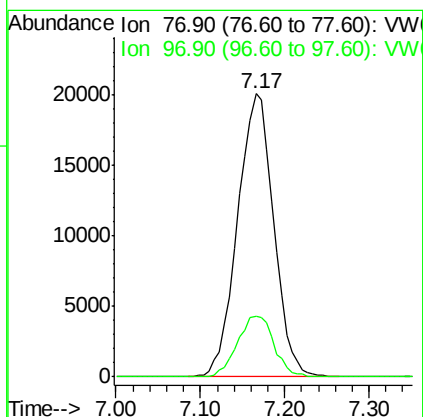
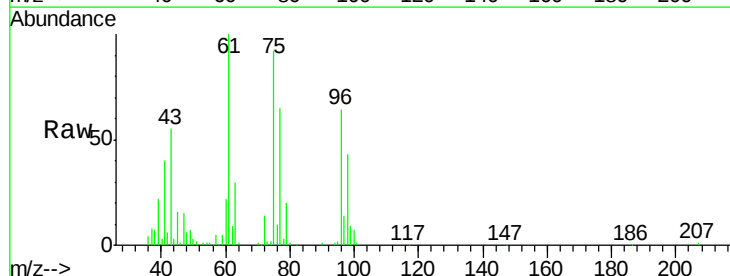
Acq: 03 Jul 2018 11:55

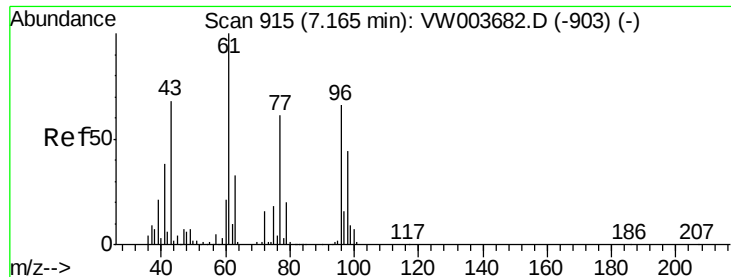
Tgt Ion: 77 Resp: 58326

Ion Ratio Lower Upper

77 100

97 21.6 11.7 35.1





#27

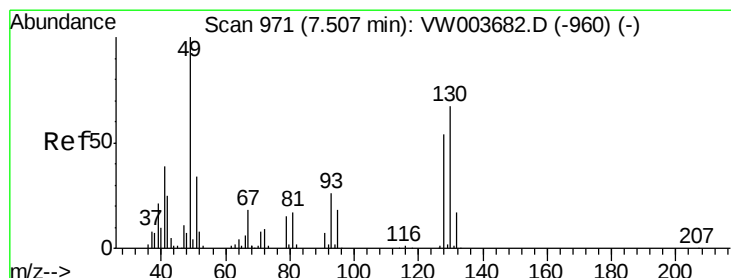
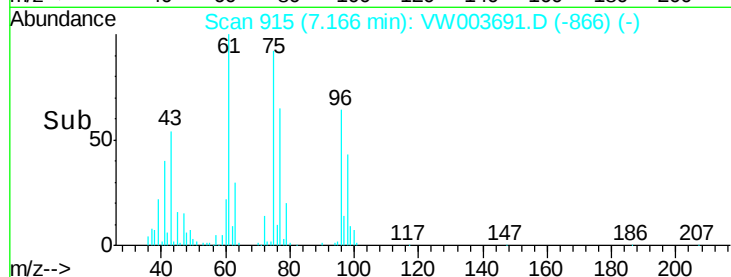
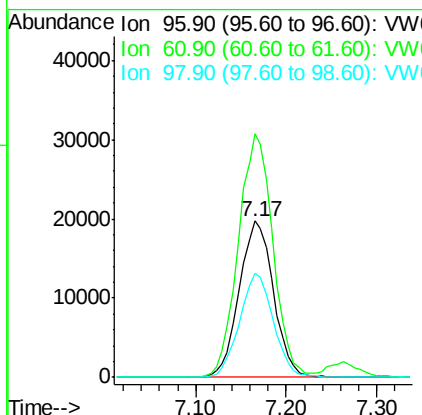
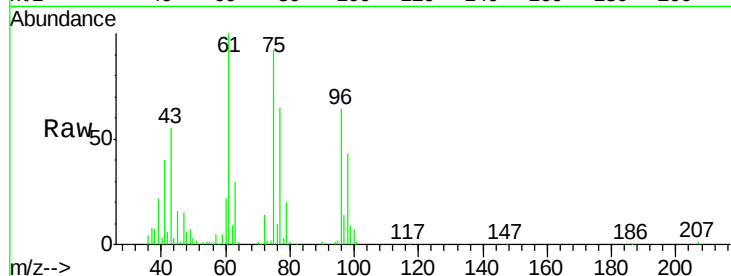
cis-1,2-Dichloroethene
Concen: 18.210 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.7	0.0	305.0
98	65.1	0.0	129.6

Manual Integrations
APPROVED

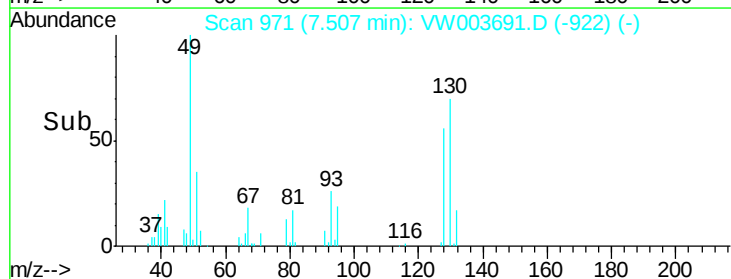
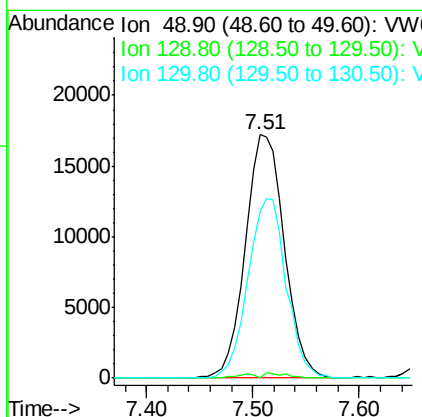
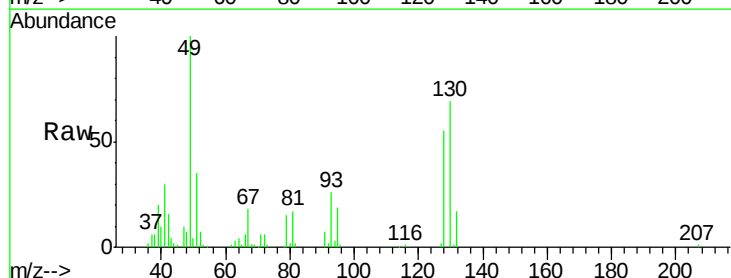
apatel
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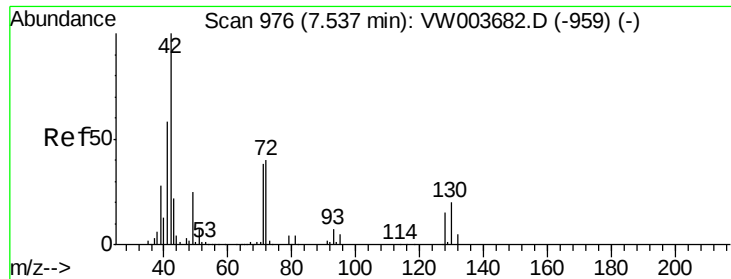


#28

Bromochloromethane
Concen: 20.179 ug/l
RT: 7.51 min Scan# 971
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.0
130	72.3	57.0	85.6





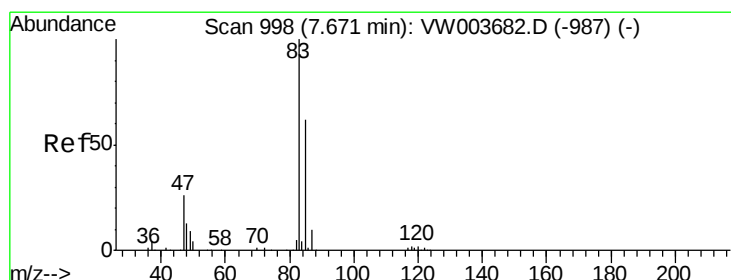
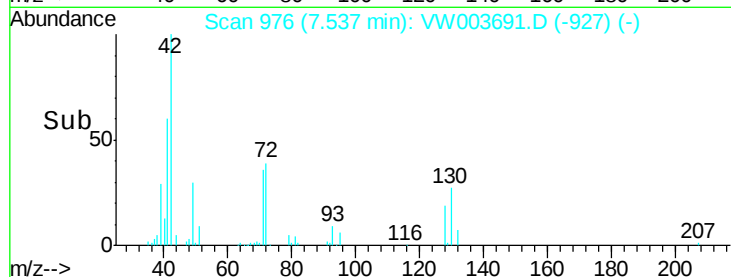
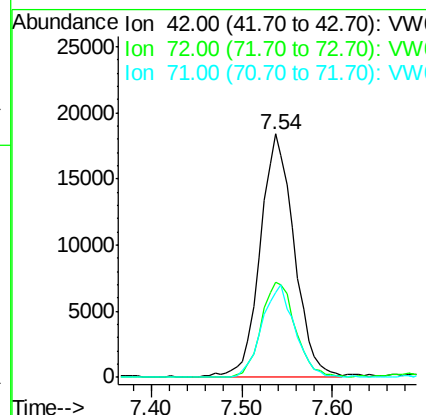
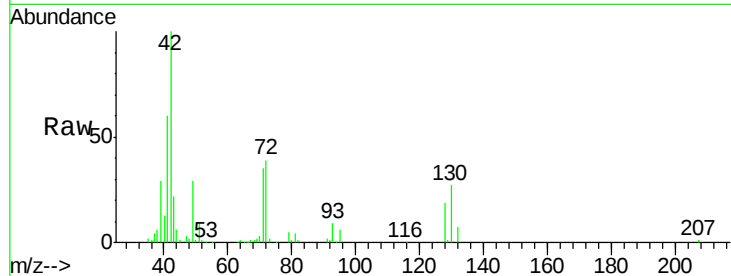
#29
Tetrahydrofuran
Concen: 88.049 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	32.0	48.0
71	36.7	30.2	45.2

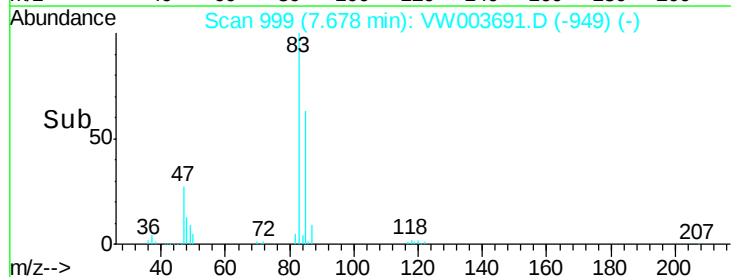
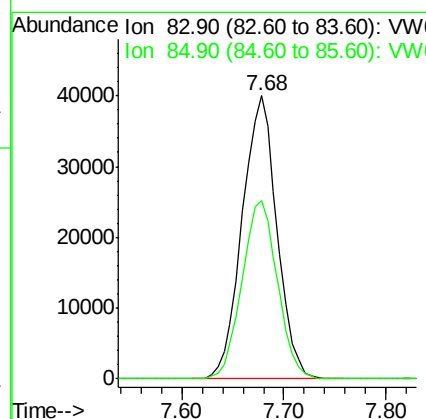
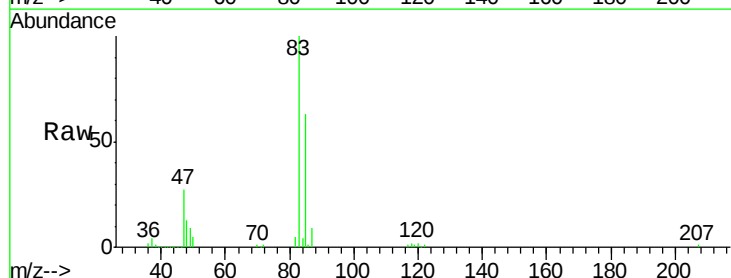
Manual Integrations
APPROVED

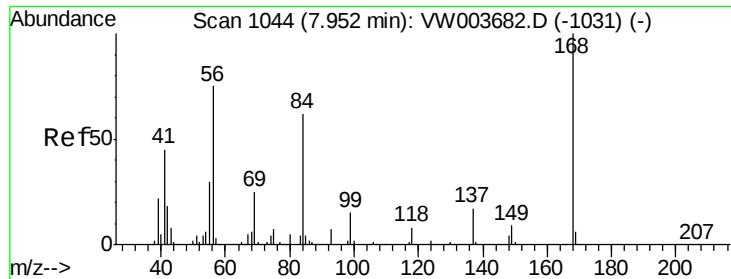
apatel
7/5/2018 11:12:02 AM



#30
Chloroform
Concen: 18.754 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	49.7	74.5





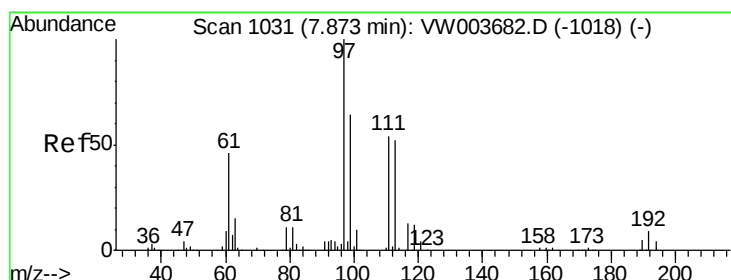
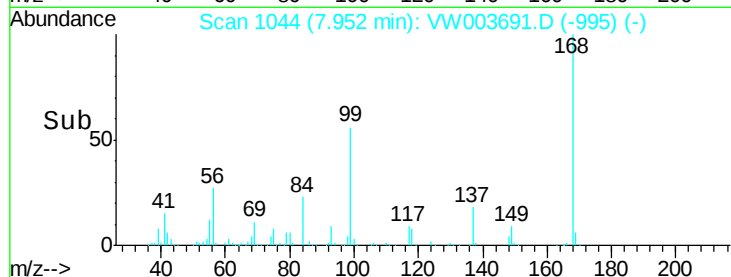
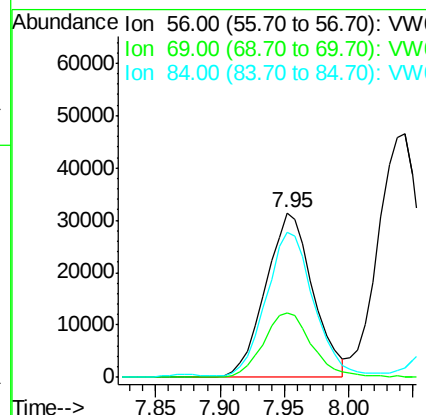
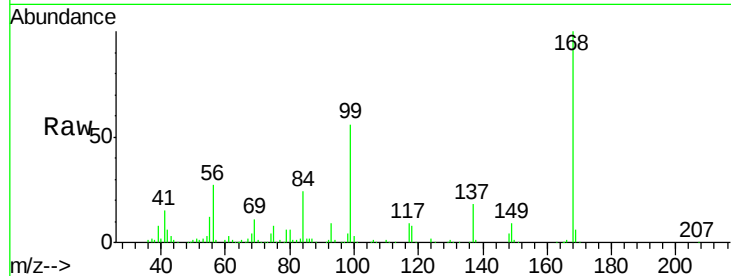
#31
Cyclohexane
Concen: 17.609 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.9	27.0	40.4
84	86.4	65.4	98.0

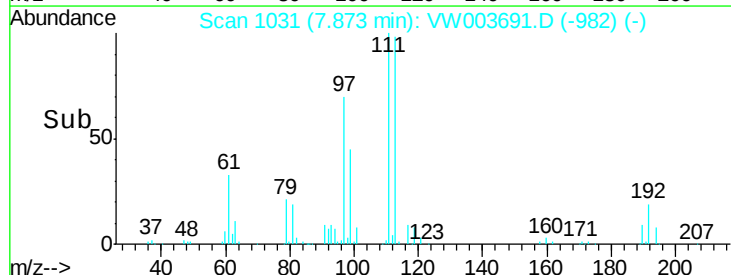
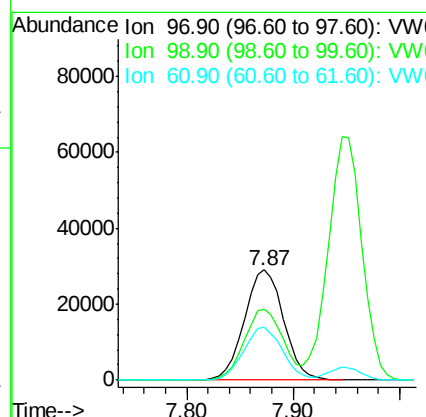
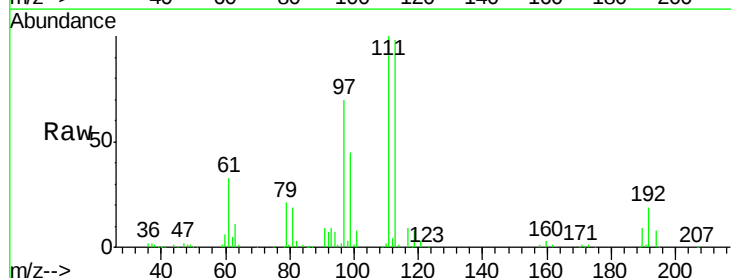
Manual Integrations
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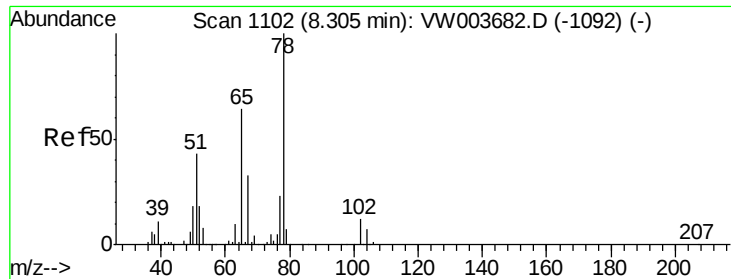
apatel
7/5/2018 11:12:02 AM



#32
1,1,1-Trichloroethane
Concen: 19.094 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.6	76.0
61	48.0	37.2	55.8





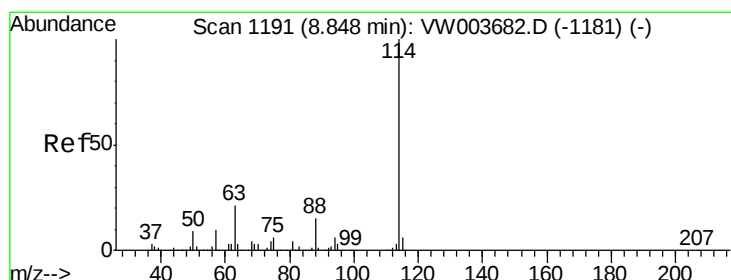
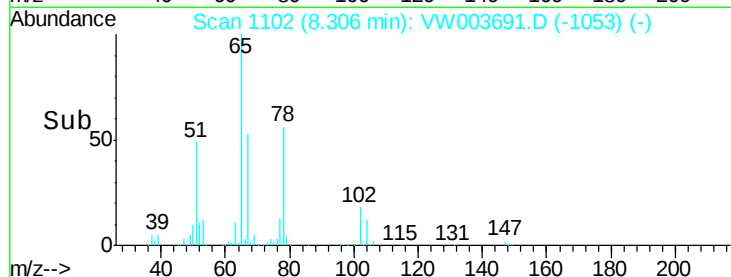
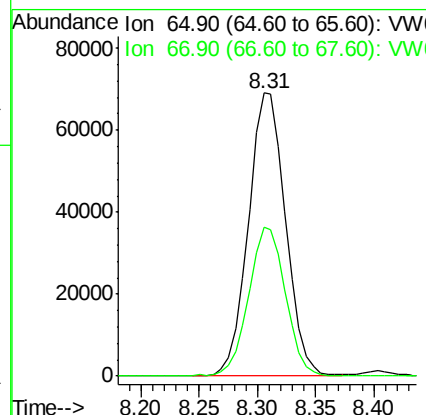
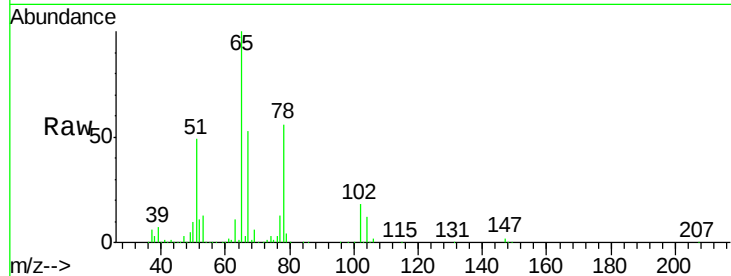
#33
 1,2-Dichloroethane-d4
 Concen: 51.844 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

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

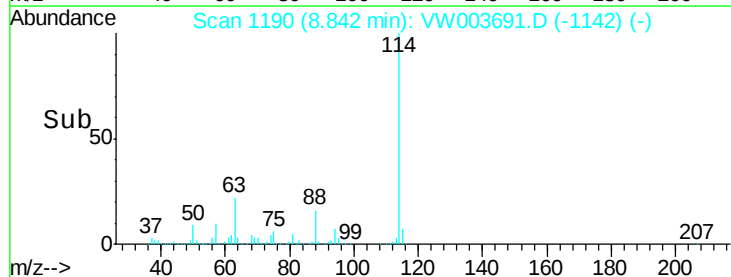
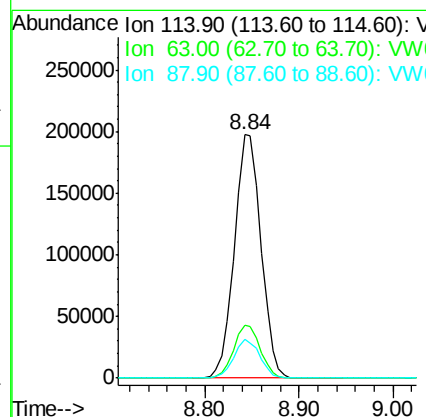
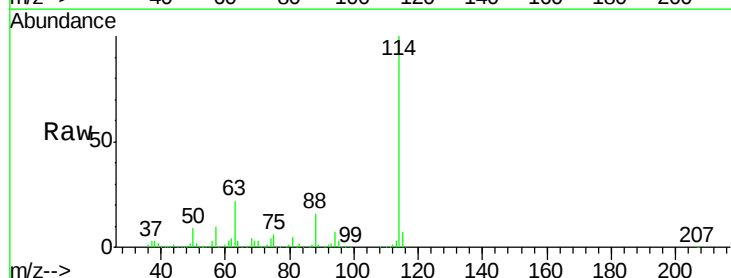
Manual Integrations
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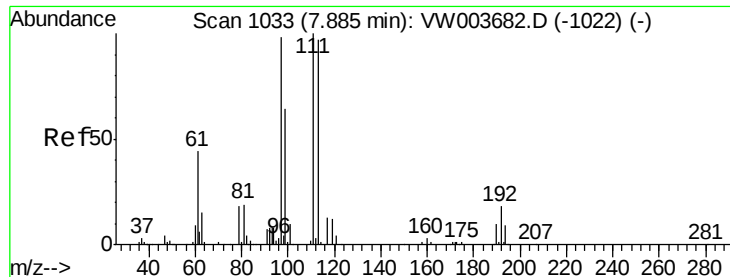
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	41.6	
88	15.8	0.0	29.8	





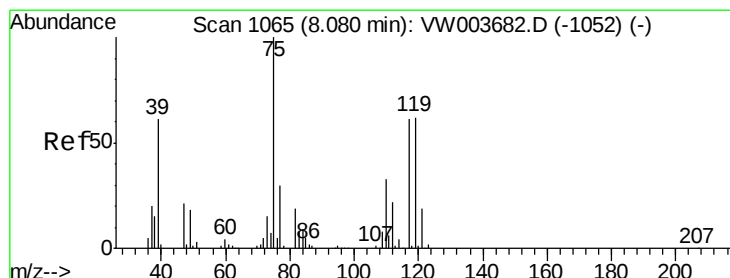
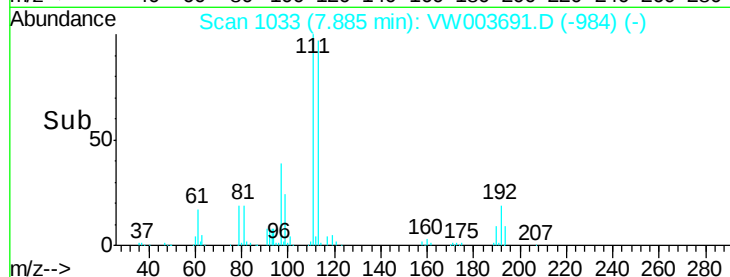
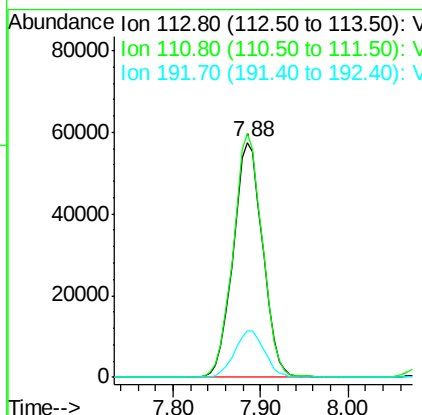
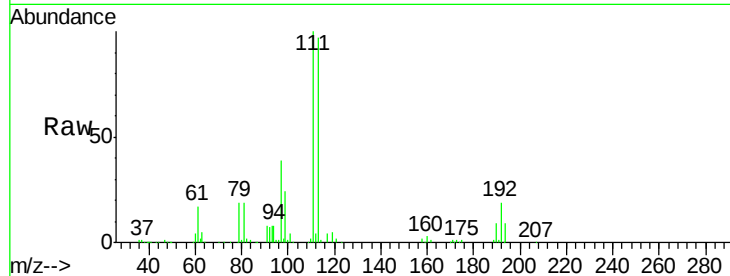
#35
 Dibromofluoromethane
 Concen: 53.498 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135121		
111	102.2	82.4	123.6	
192	20.2	15.8	23.6	

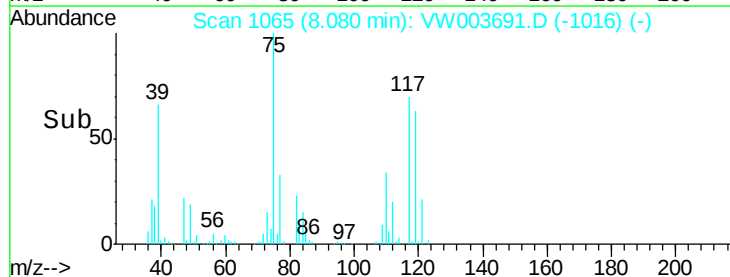
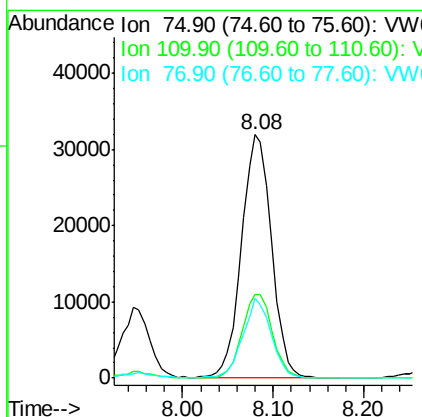
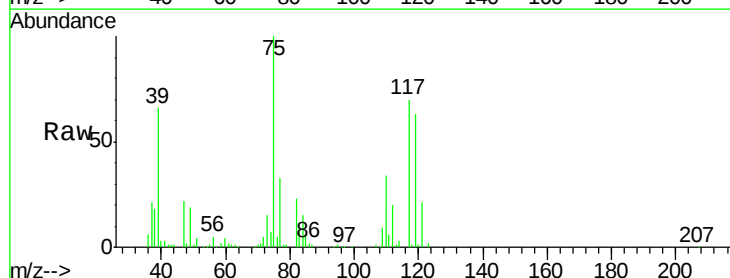
Manual Integrations
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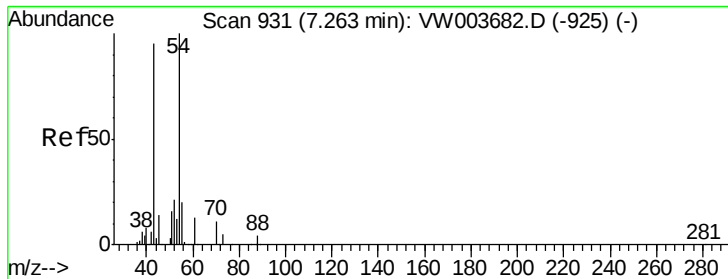
apatel
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#36
 1,1-Dichloropropene
 Concen: 18.920 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73550		
110	34.6	16.9	50.6	
77	31.0	24.9	37.3	





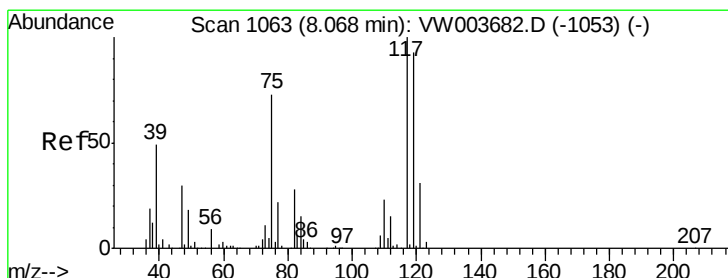
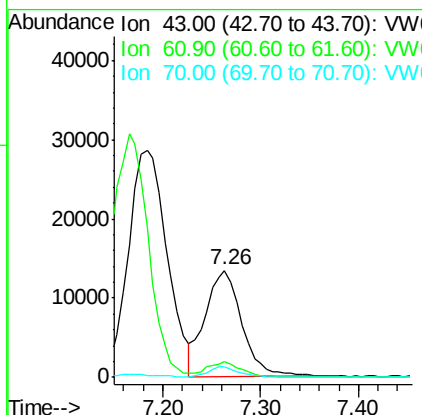
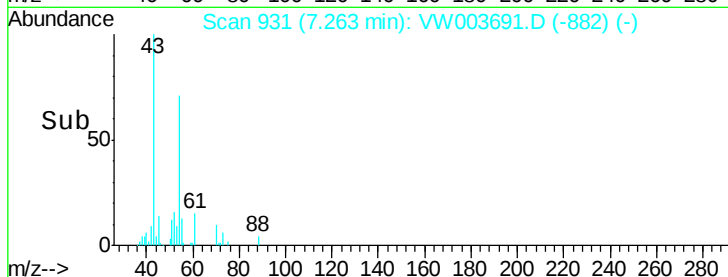
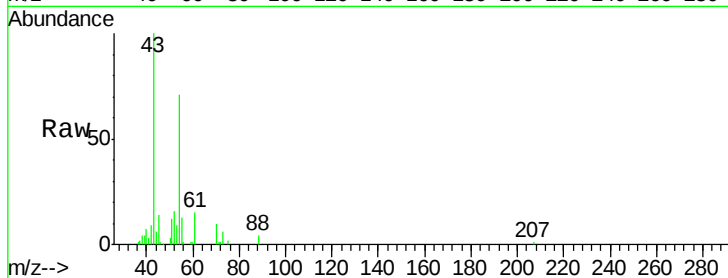
#37
Ethyl Acetate
Concen: 18.489 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.5	15.7
70	9.0	7.7	11.5

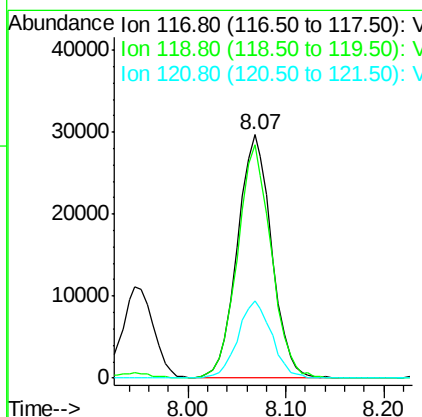
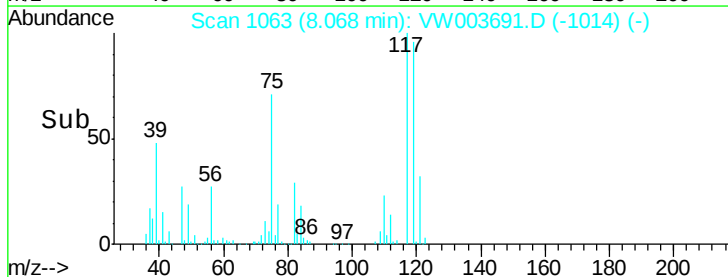
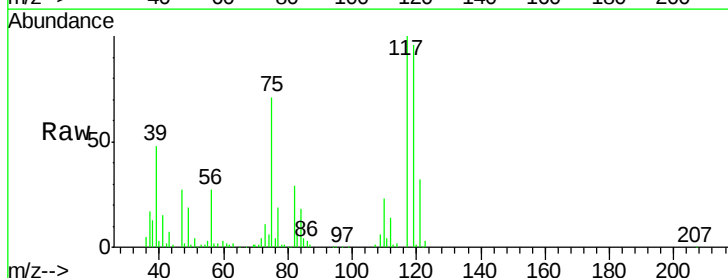
Manual Integrations
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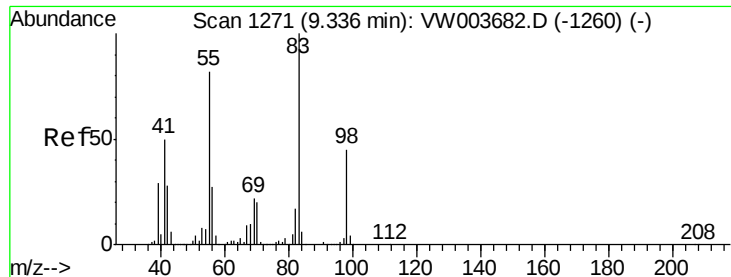
apatel
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#38
Carbon Tetrachloride
Concen: 19.460 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	74.1	111.1
121	31.5	25.0	37.4





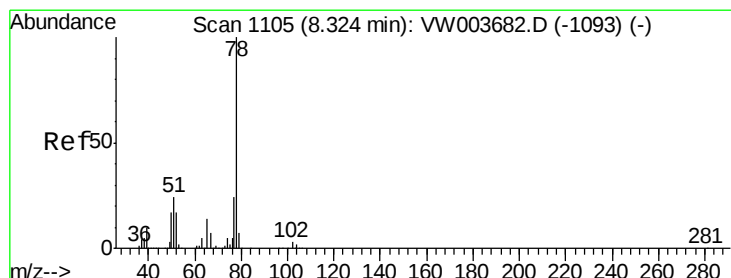
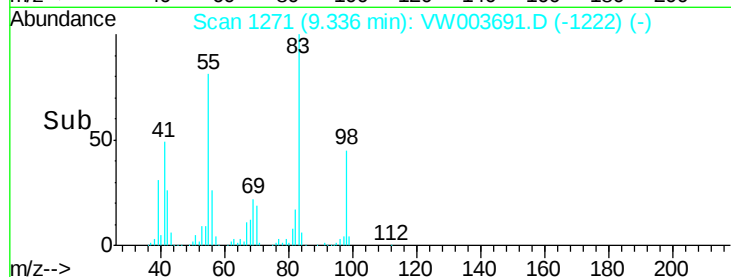
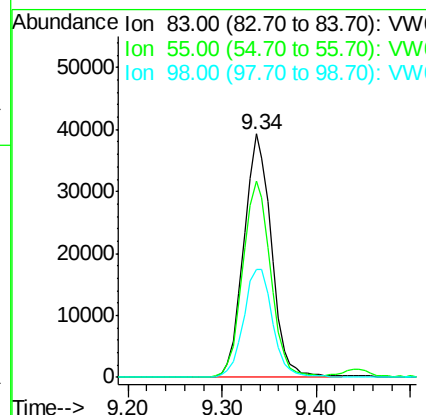
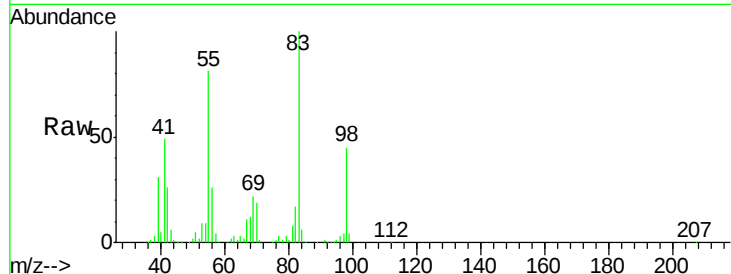
#39
Methvlcvclohexane
Concen: 18.044 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	65.3	97.9
98	44.6	36.3	54.5

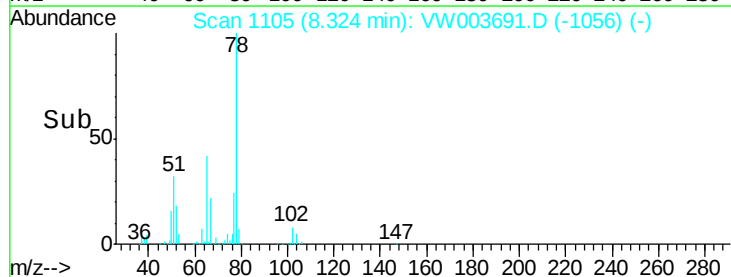
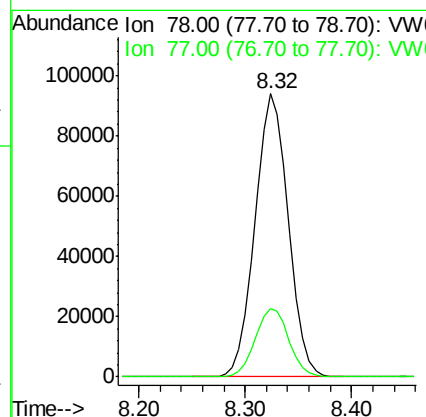
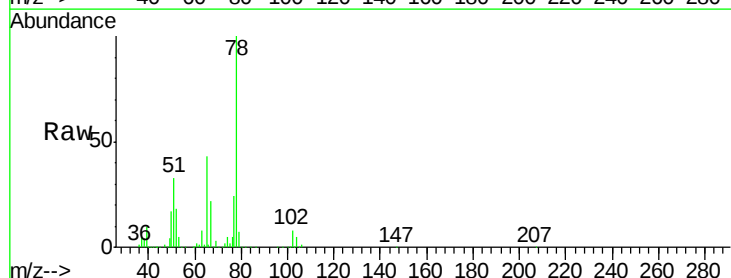
Manual Integrations
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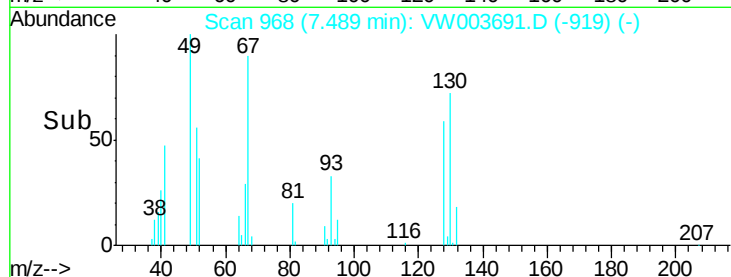
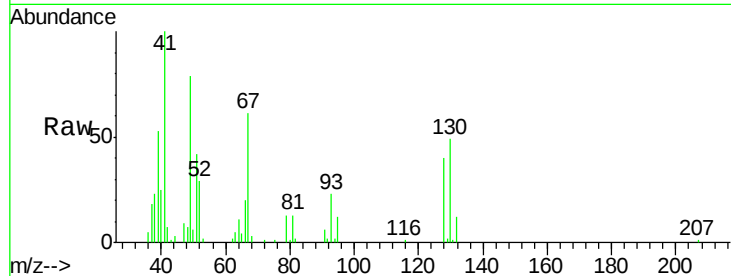
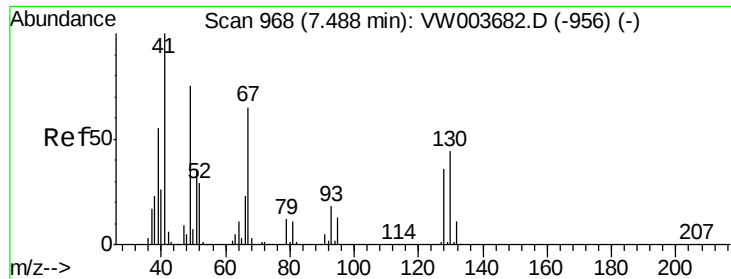
apatel
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#40
Benzene
Concen: 18.888 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





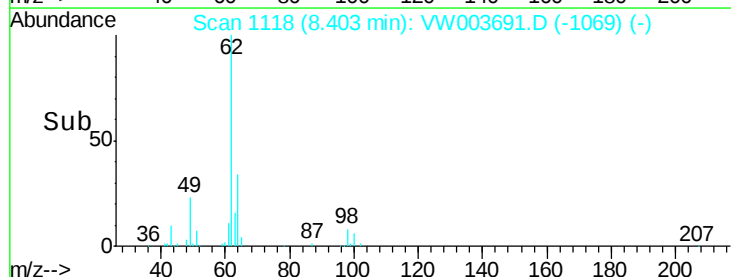
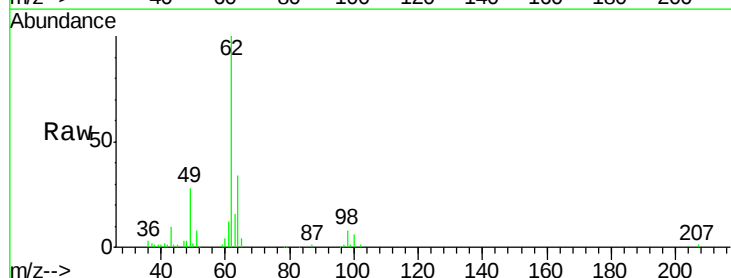
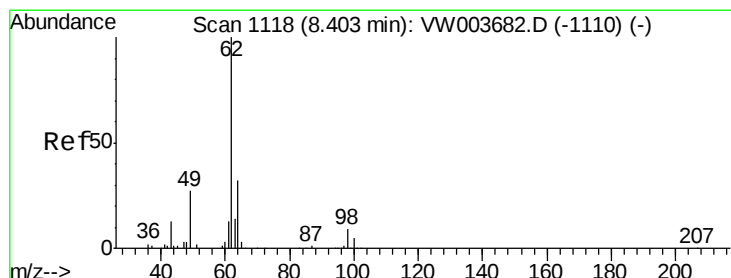
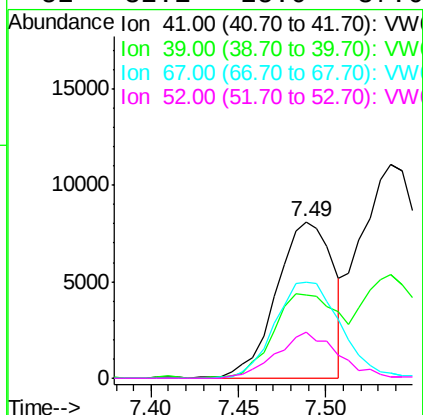
#41
Methacrylonitrile
Concen: 17.078 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tot Ion	41	Resp	18368
Ion Ratio	Lower	Upper	
41	100		
39	63.6	47.8	71.8
67	72.2	53.9	80.9
52	32.1	25.0	37.6

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

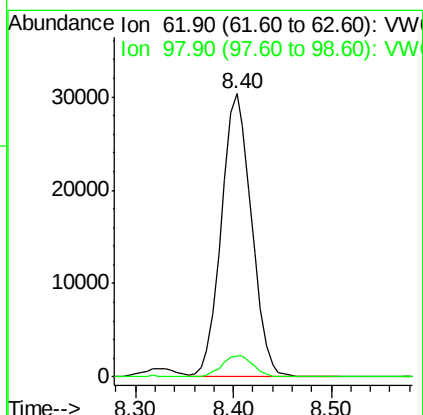
Manual Integrations
APPROVED

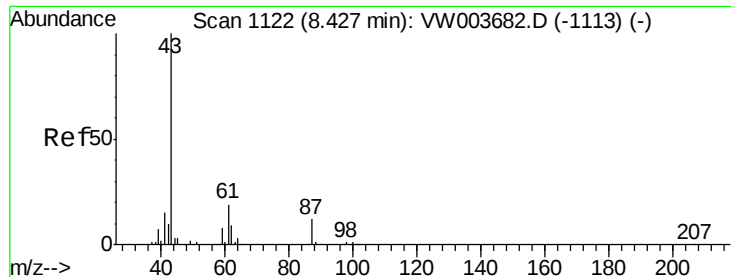
apatel
7/5/2018 11:12:02 AM



#42
1,2-Dichloroethane
Concen: 18.878 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	62	Resp	64947
Ion Ratio	Lower	Upper	
62	100		
98	7.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 17.983 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

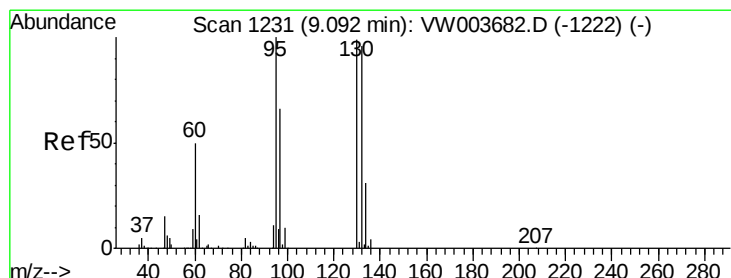
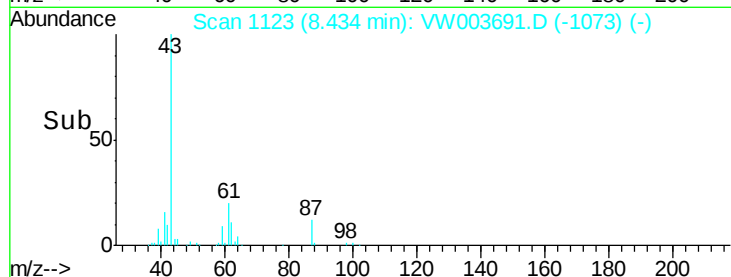
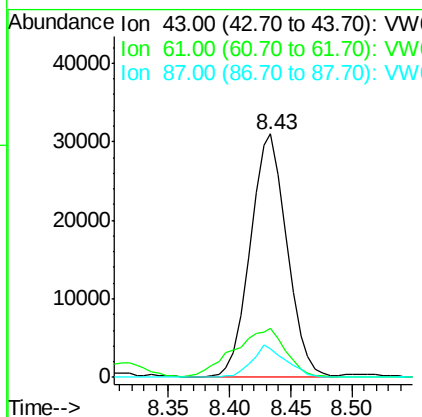
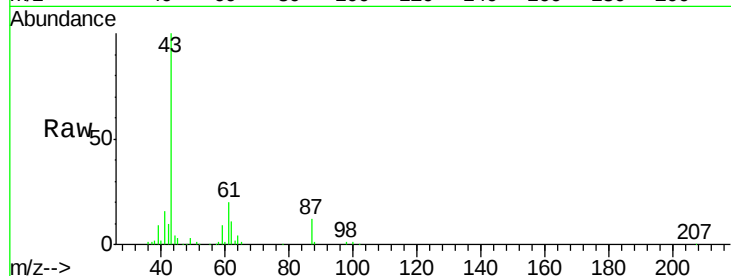
ClientSampleId :

VW0703SBS01

Tot Ion:	43	Resp:	64088
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.0	34.6
87	12.4	9.8	14.6

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#44

Trichloroethene

Concen: 18.772 ug/l

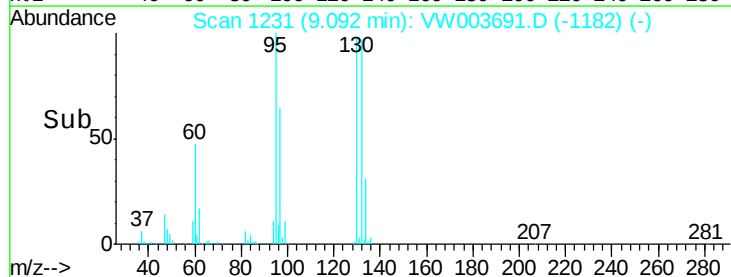
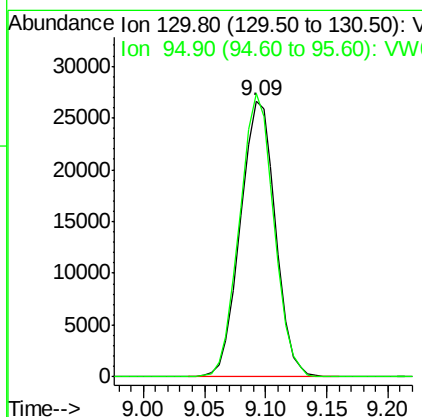
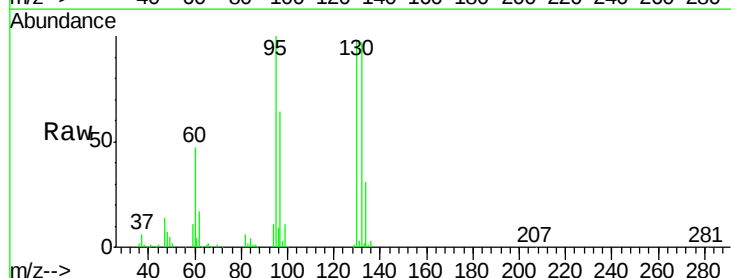
RT: 9.09 min Scan# 1231

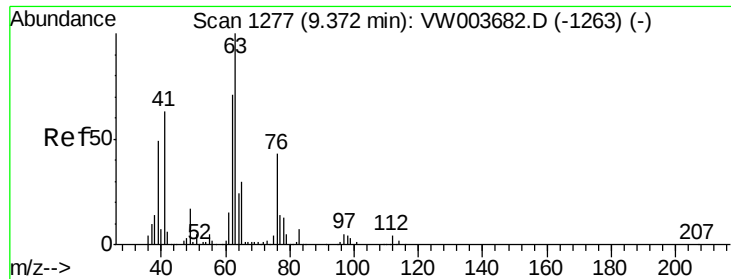
Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Tgt Ion:	130	Resp:	53022
Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	202.6





#45

1,2-Dichloropropane

Concen: 18.867 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampled :

VW0703SBS01

Tot Ion: 63 Resp: 53476

Ion Ratio Lower Upper

63 100

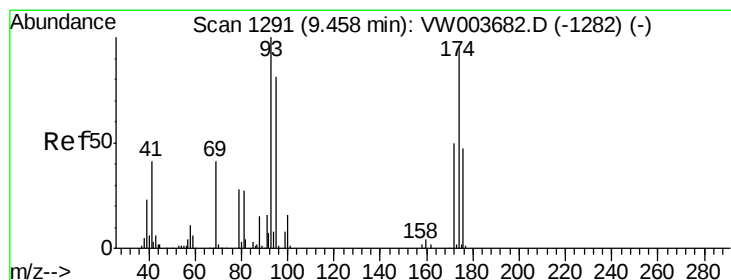
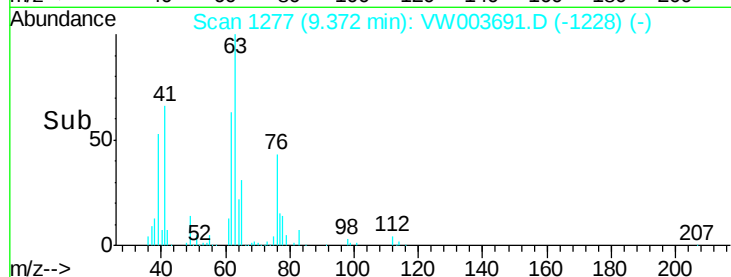
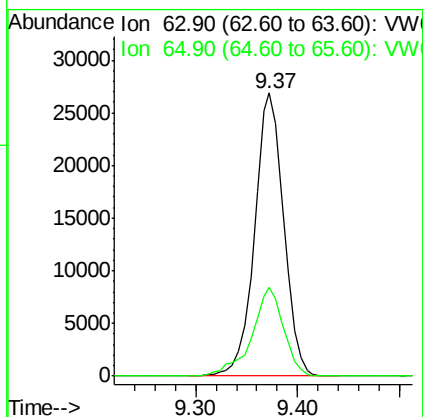
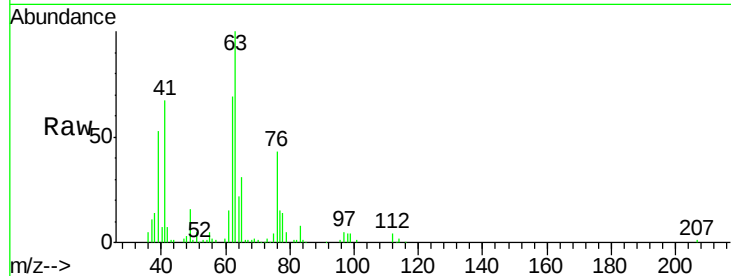
65 31.2 24.3 36.5

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#46

Dibromomethane

Concen: 18.531 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

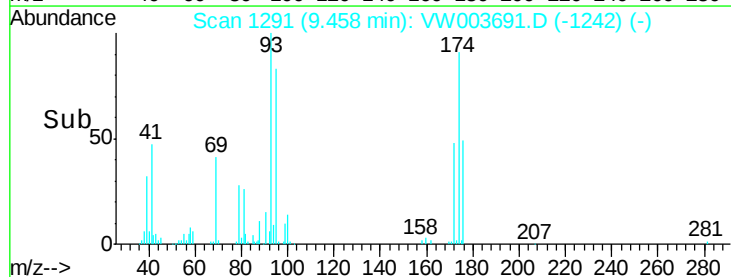
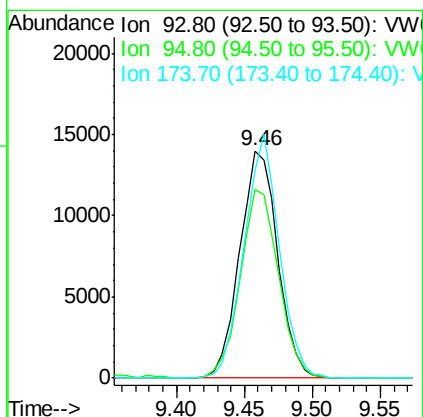
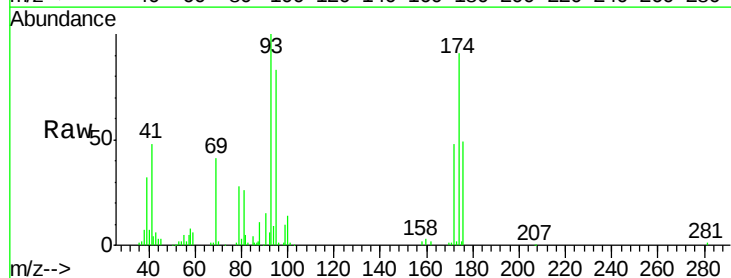
Tgt Ion: 93 Resp: 27278

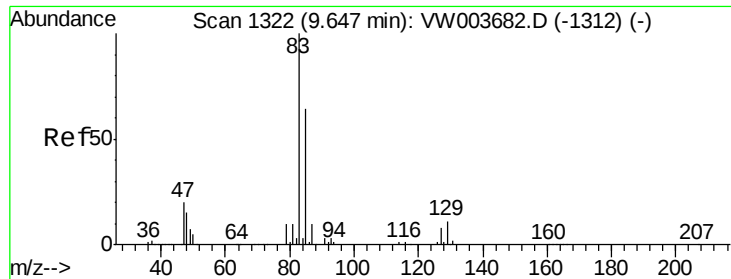
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 100.1 79.6 119.4





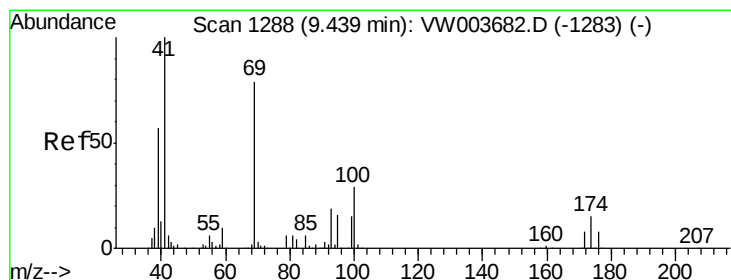
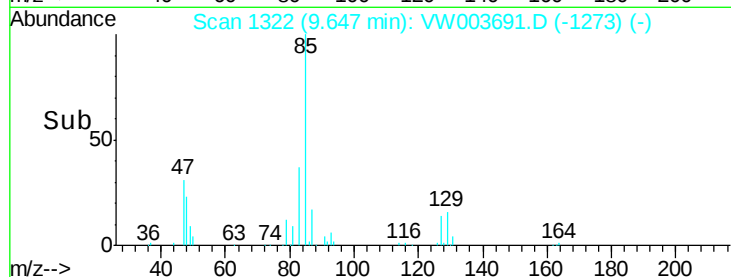
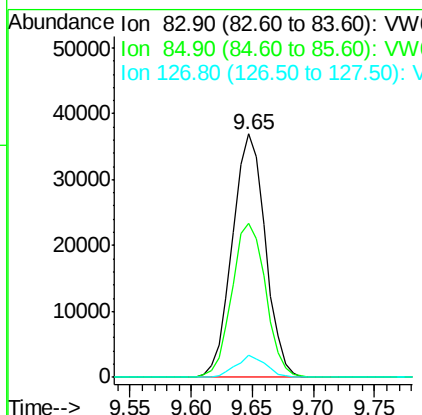
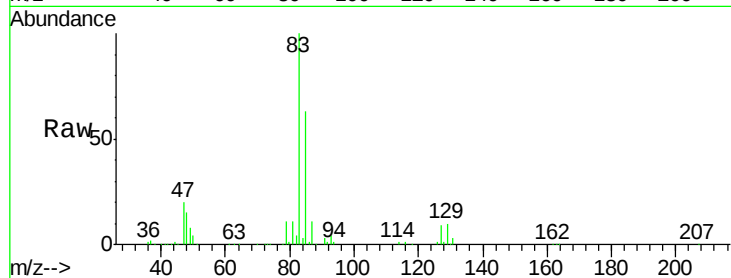
#47
Bromodichloromethane
Concen: 18.943 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	68930		
85	63.0		51.1	76.7
127	8.9		6.5	9.7

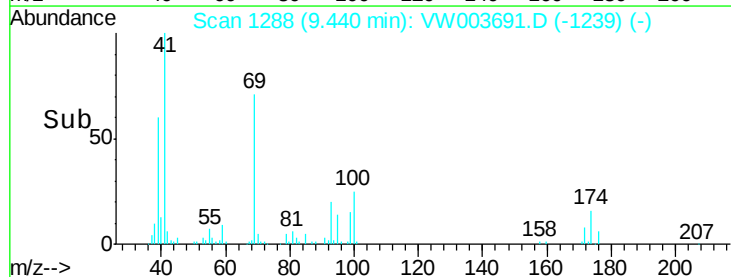
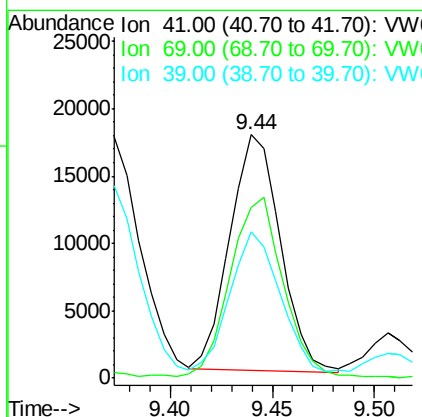
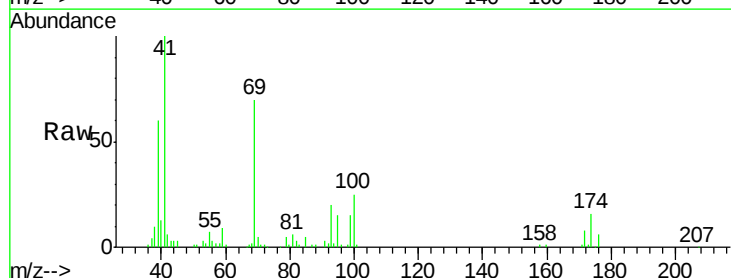
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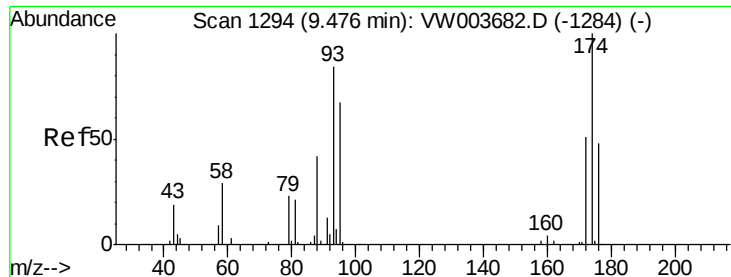
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#48
Methyl methacrylate
Concen: 18.217 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	29990		
69	82.1		65.4	98.2
39	64.1		50.0	75.0





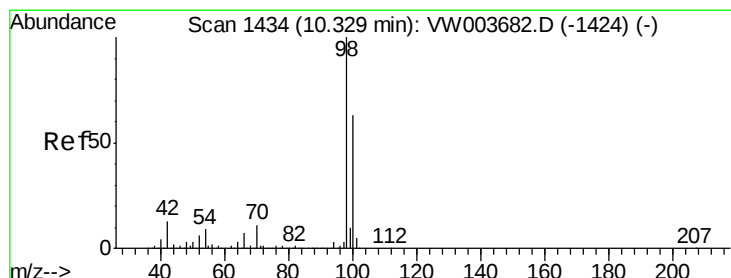
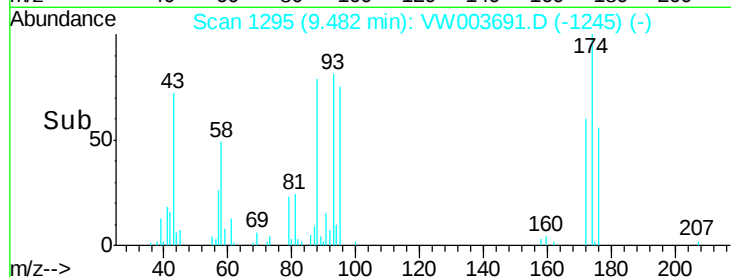
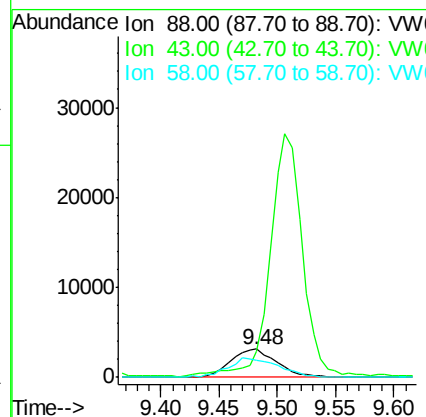
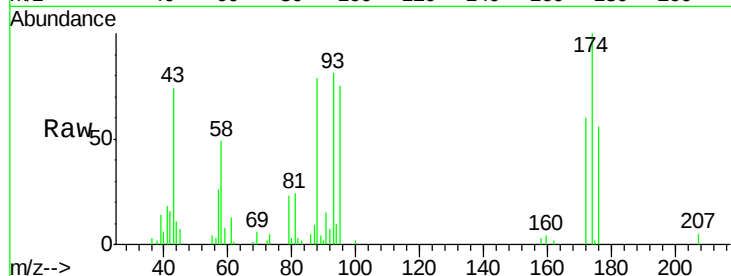
#49
1,4-Dioxane
Concen: 373.560 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion	88	Resp	8626
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.9	61.8	92.6

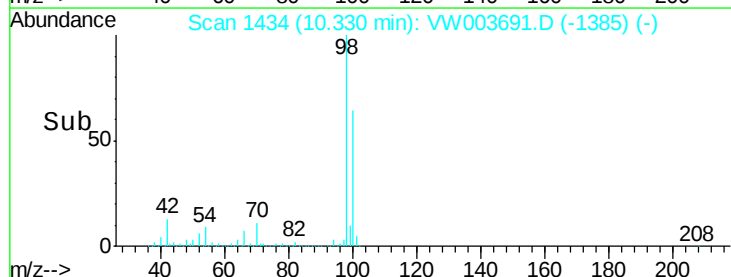
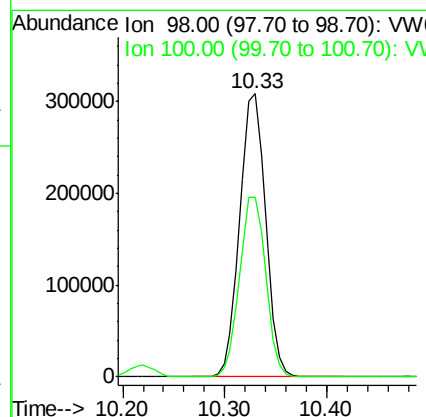
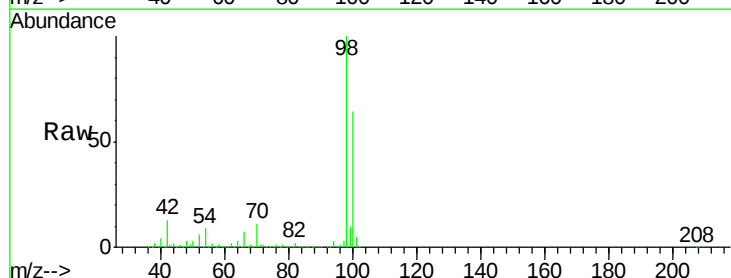
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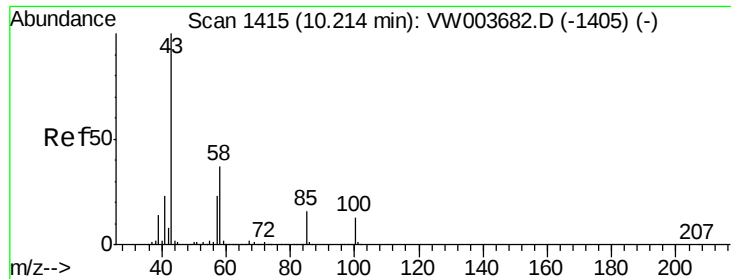
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#50
Toluene-d8
Concen: 54.659 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	98	Resp	541951
Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.8	76.2





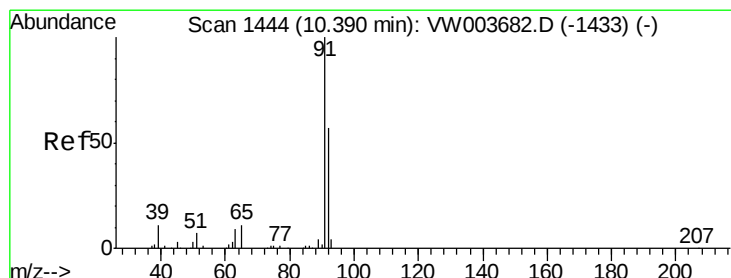
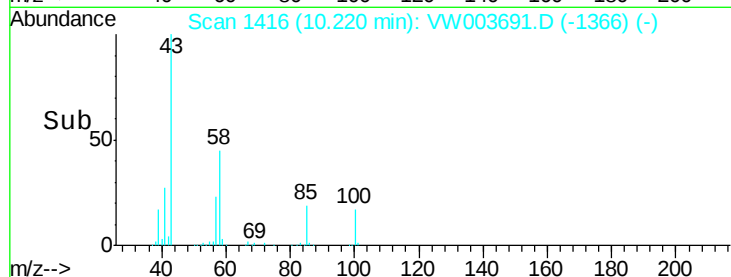
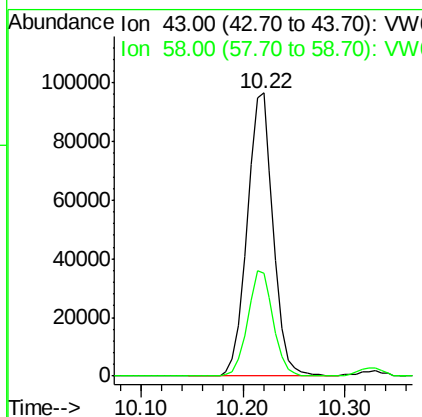
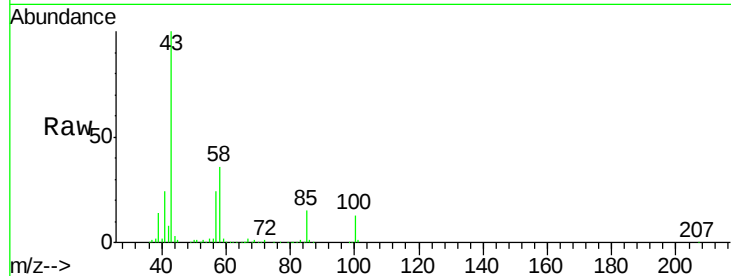
#51
 4-Methyl-2-Pentanone
 Concen: 90.886 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0703SBS01

Tot Ion	43	Resp	170675
Ion Ratio	100	Lower	Upper
43	100		
58	36.7	29.6	44.4

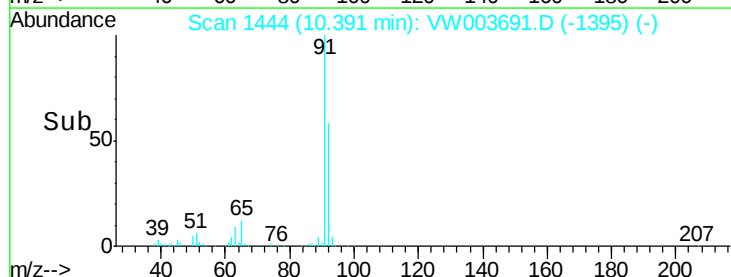
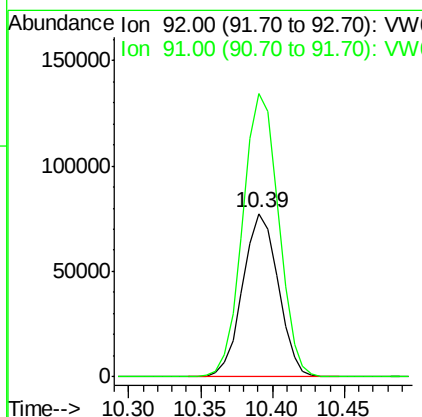
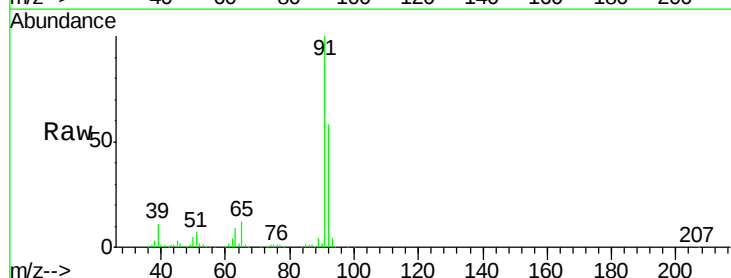
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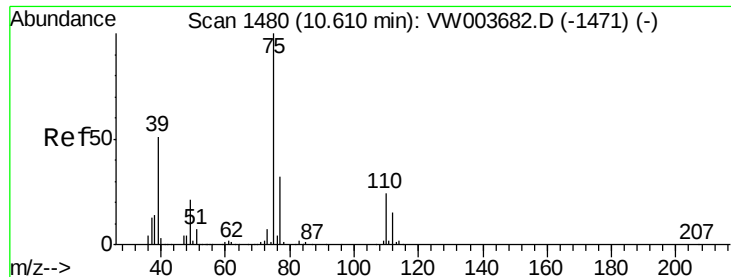
apatel
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#52
 Toluene
 Concen: 19.405 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Tgt Ion	92	Resp	132313
Ion Ratio	100	Lower	Upper
92	100		
91	174.8	140.2	210.2





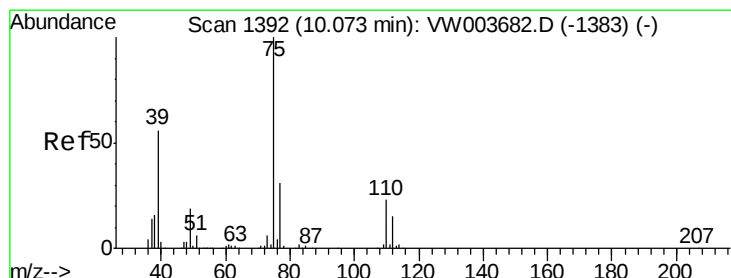
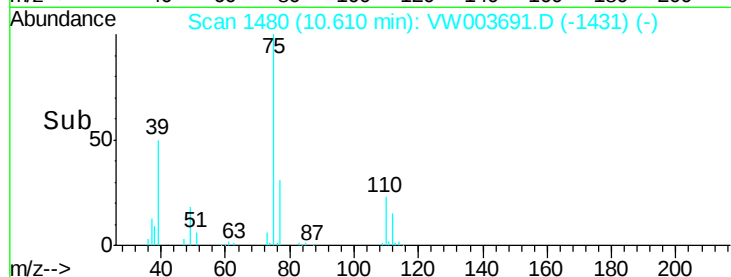
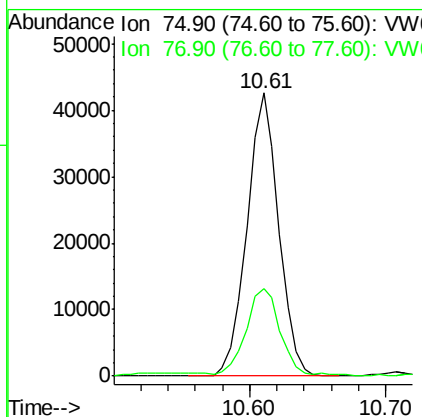
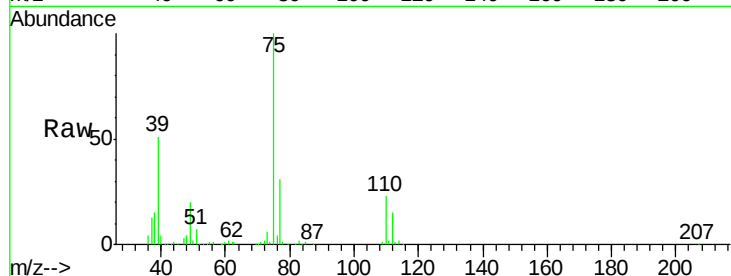
#53
t-1,3-Dichloropropene
Concen: 18.381 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.5	38.3

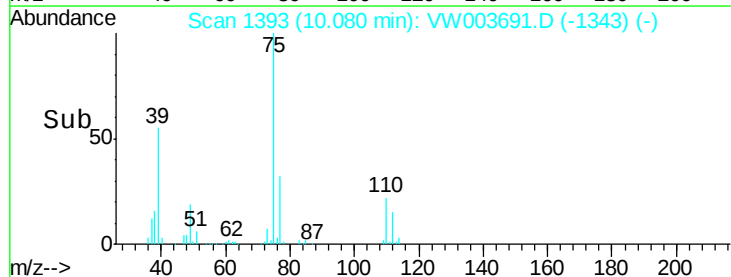
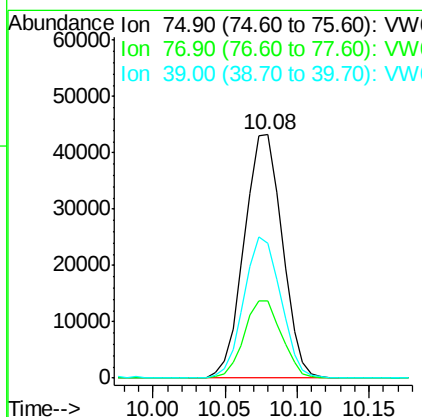
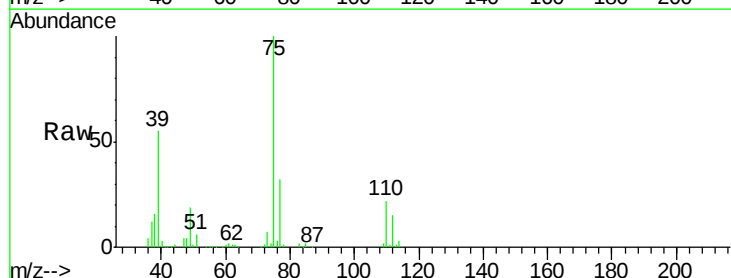
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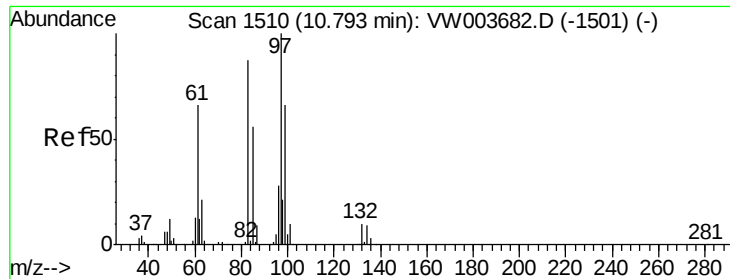
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#54
cis-1,3-Dichloropropene
Concen: 18.536 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.9	37.3
39	55.1	44.6	67.0





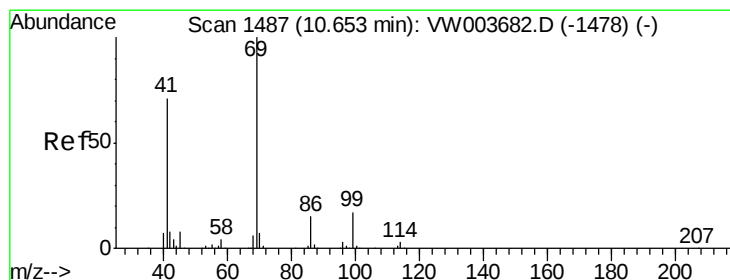
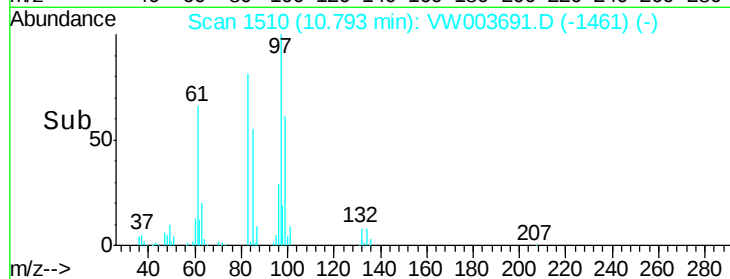
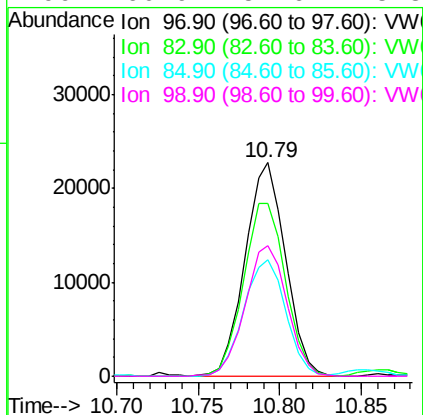
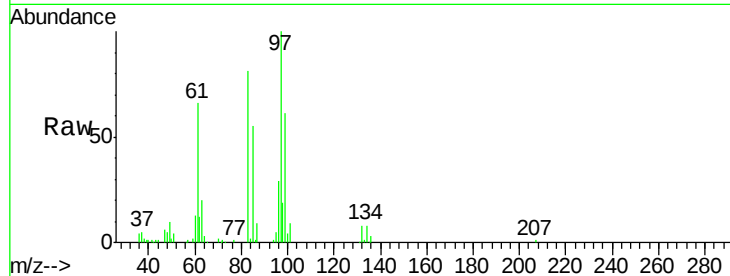
#55
 1,1,2-Trichloroethane
 Concen: 18.902 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Instrument :
 MSVOA_W
 ClientSampled :
 VW0703SBS01

Tot Ion:	97	Resp:	39200
Ion	Ratio	Lower	Upper
97	100		
83	80.7	69.5	104.3
85	54.6	44.7	67.1
99	60.9	52.6	78.8

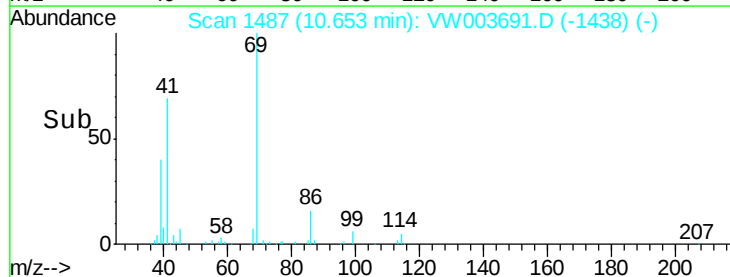
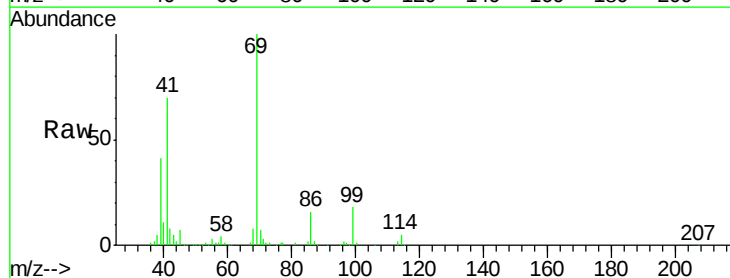
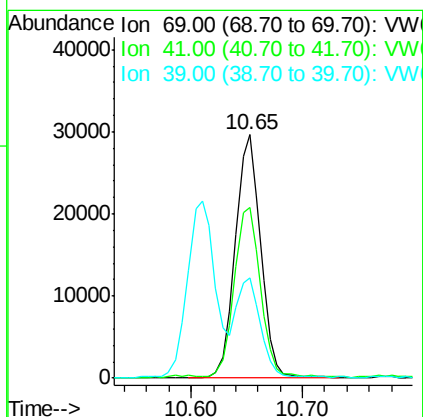
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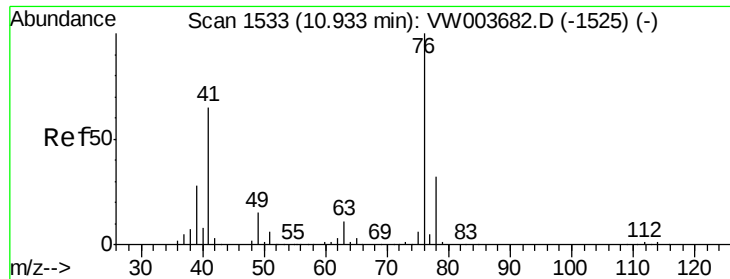
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#56
 Ethyl methacrylate
 Concen: 18.363 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Tgt Ion:	69	Resp:	46853
Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.5	86.3
39	38.4	29.4	44.0





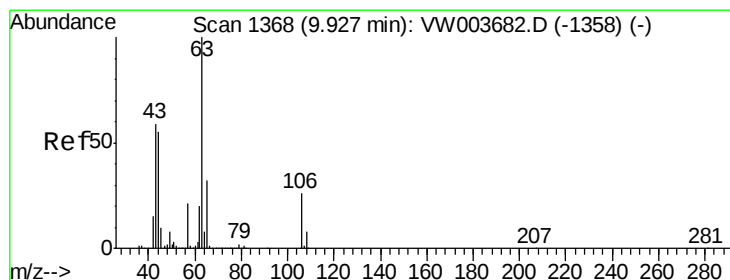
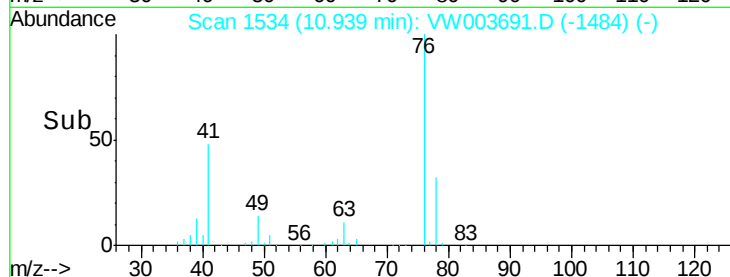
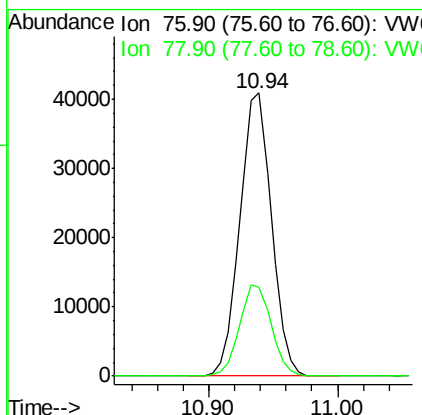
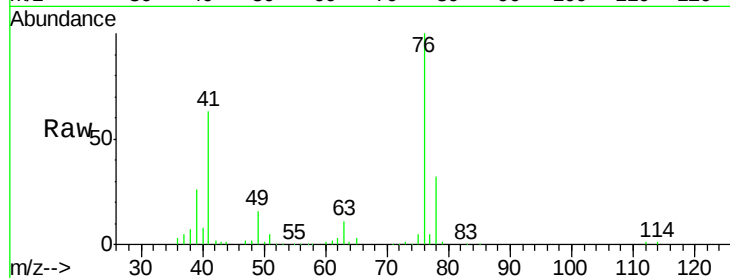
#57
 1,3-Dichloropropane
 Concen: 19.218 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Tot Ion: 76 Resp: 69234
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4

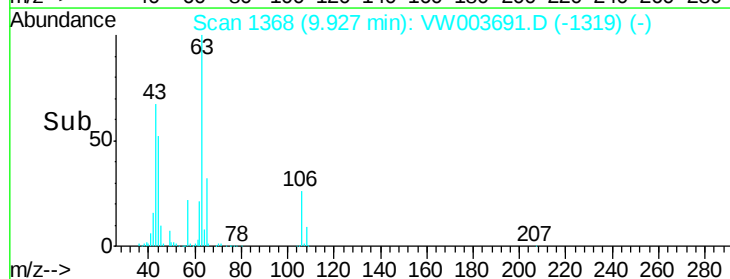
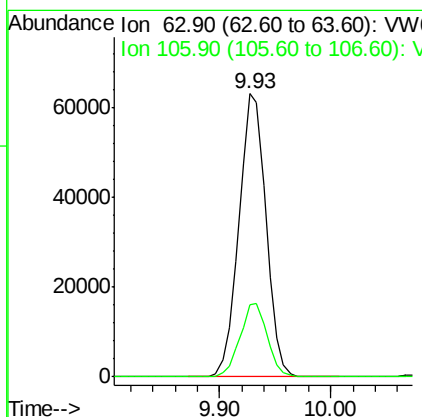
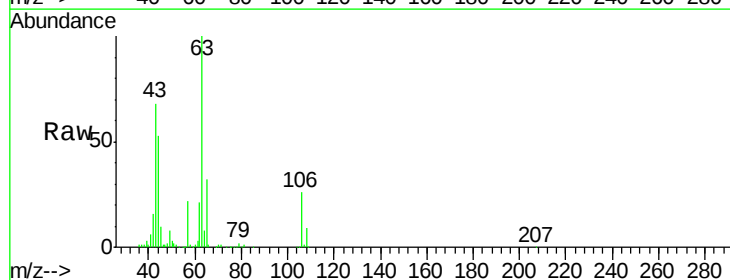
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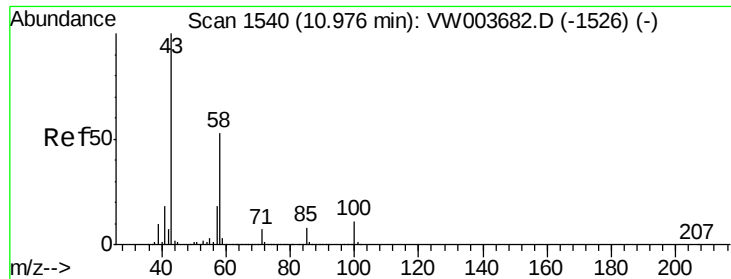
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.736 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Tgt Ion: 63 Resp: 106122
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.7 31.1





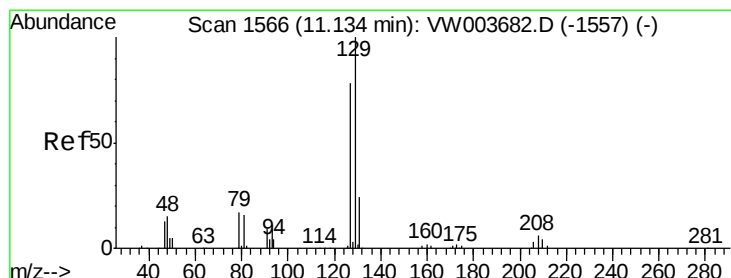
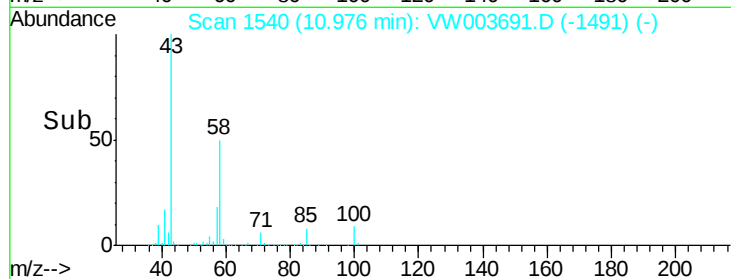
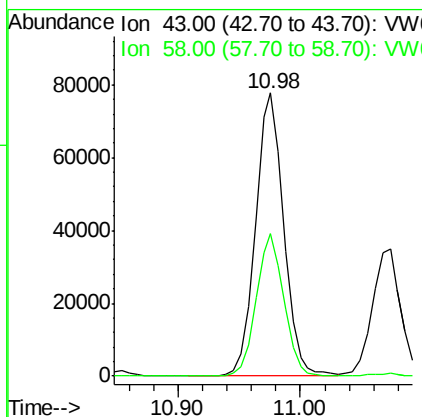
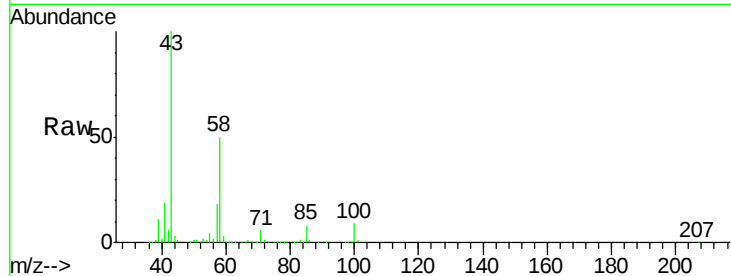
#59
2-Hexanone
Concen: 93.237 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	43	Resp	125161
Ion Ratio	100	Lower	Upper
43	100		
58	49.3	25.9	77.6

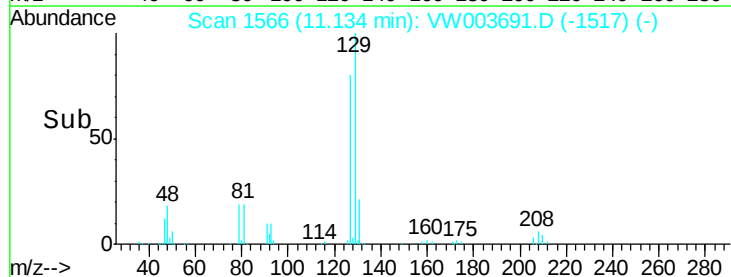
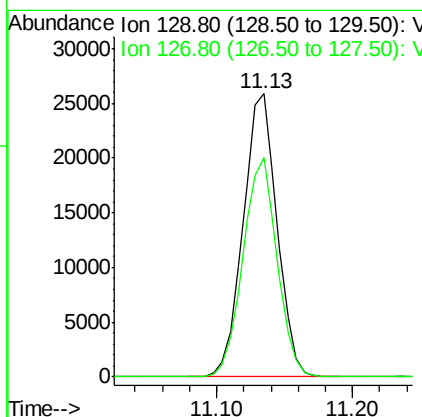
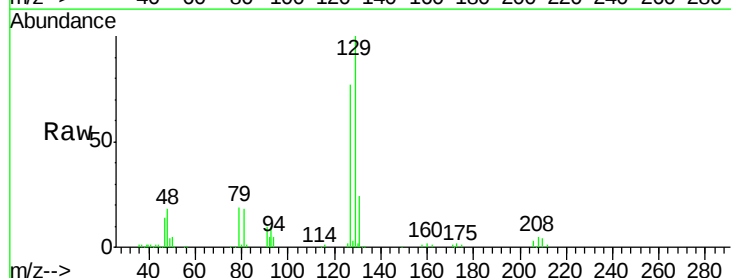
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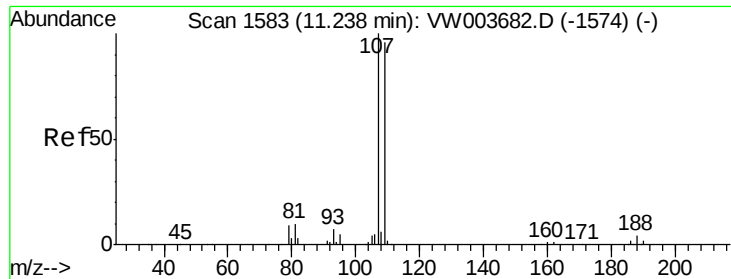
apatel
7/5/2018 11:12:02 AM



#60
Dibromochloromethane
Concen: 18.576 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	129	Resp	45034
Ion Ratio	100	Lower	Upper
129	100		
127	77.7	39.1	117.2





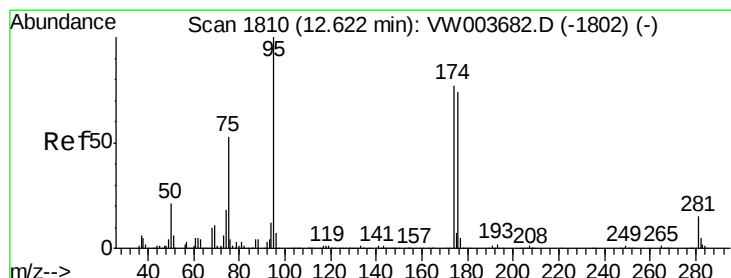
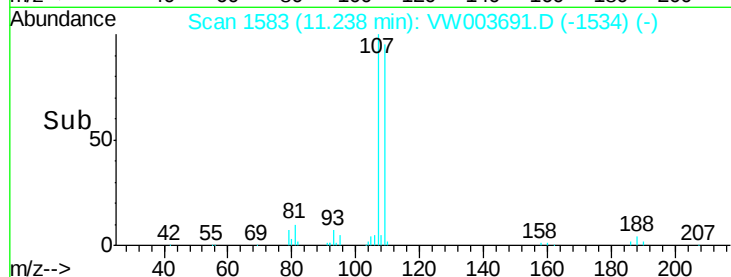
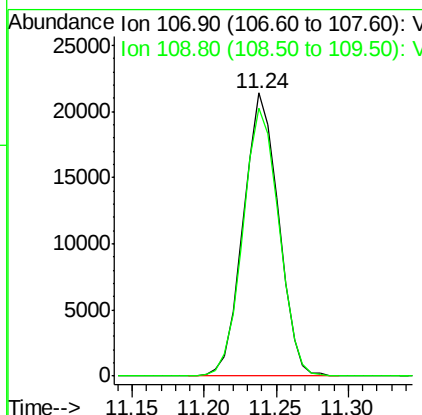
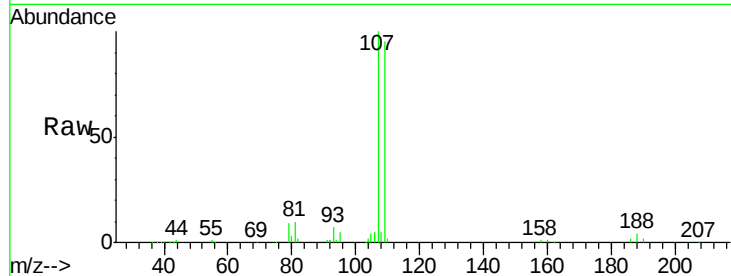
#61
 1,2-Dibromoethane
 Concen: 18.177 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Tot Ion: 107 Resp: 36107
 Ion Ratio Lower Upper
 107 100
 109 96.9 75.6 113.4

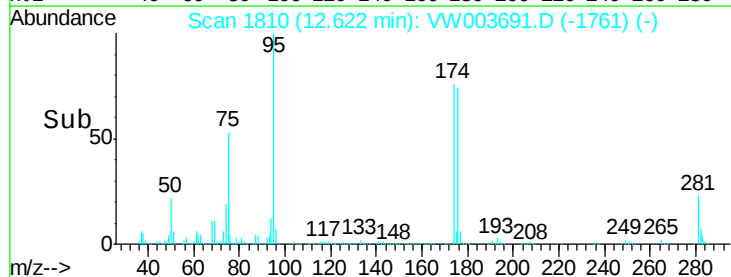
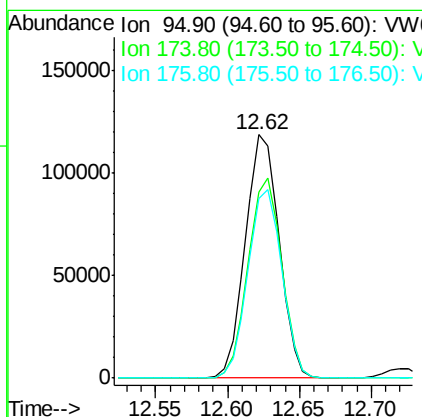
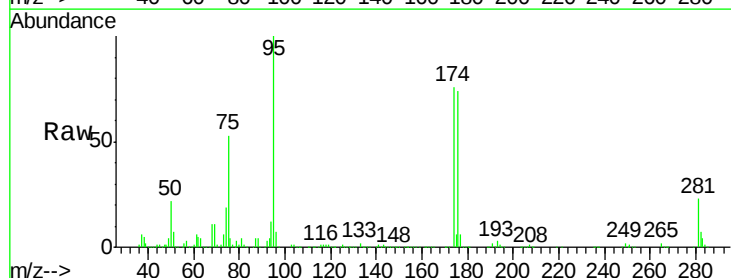
Manual Integrations
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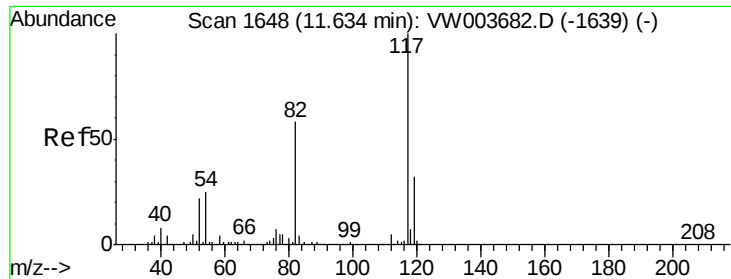
apatel
 7/5/2018 11:12:02 AM



#62
 4-Bromofluorobenzene
 Concen: 54.178 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Tgt Ion: 95 Resp: 192986
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 161.2
 176 78.1 0.0 155.0





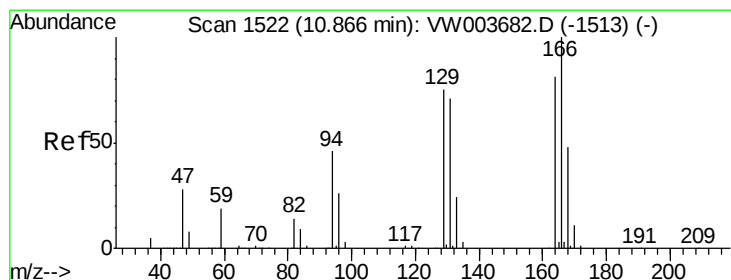
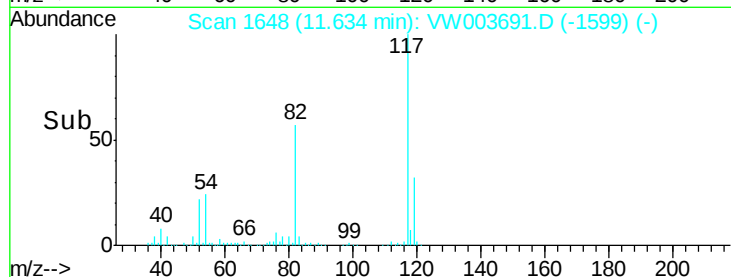
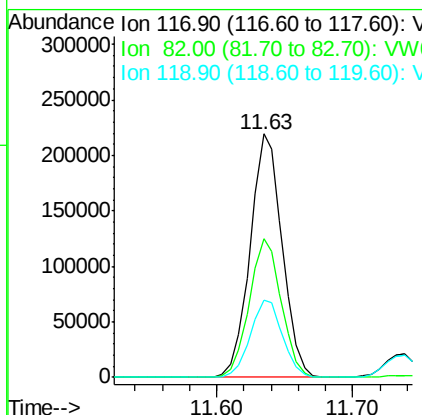
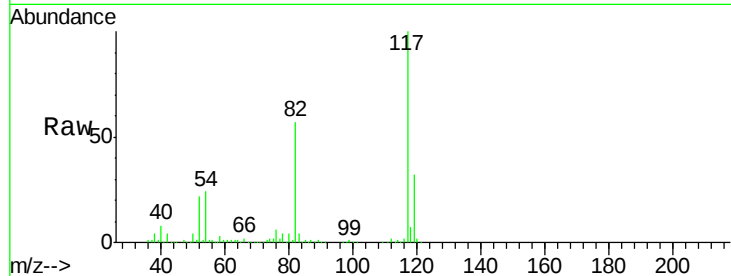
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.0	69.0
119	31.5	25.4	38.0

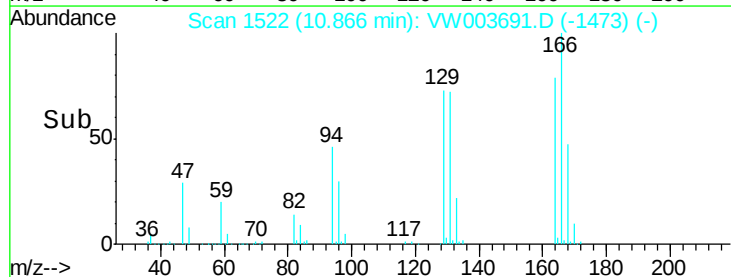
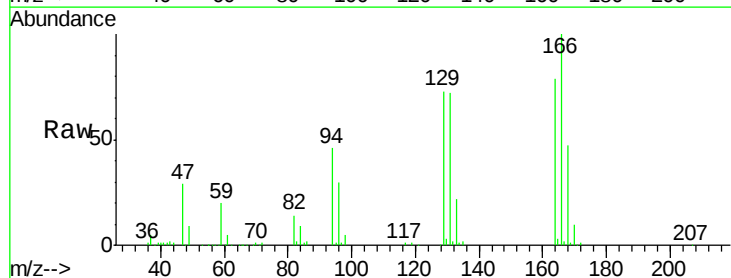
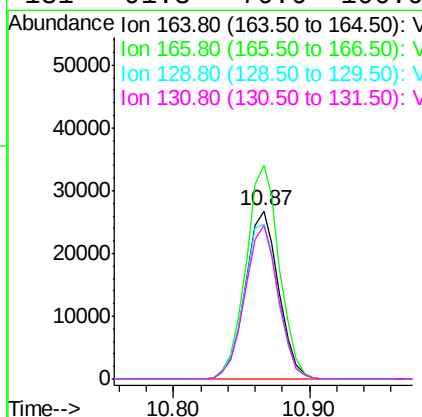
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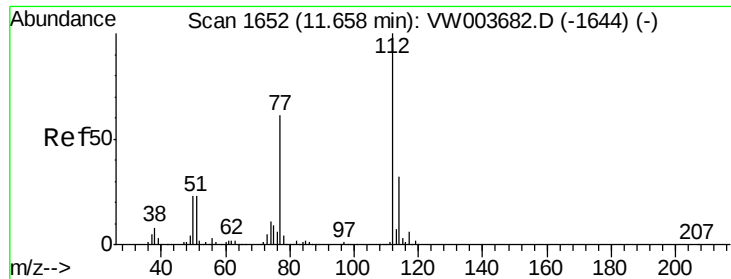
apatel
7/5/2018 11:12:02 AM



#64
Tetrachloroethene
Concen: 18.797 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	99.0	148.4
129	92.5	73.8	110.6
131	91.3	70.6	106.0





#65

Chlorobenzene

Concen: 19.136 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.01 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion:112 Resp: 145407

Ion Ratio Lower Upper

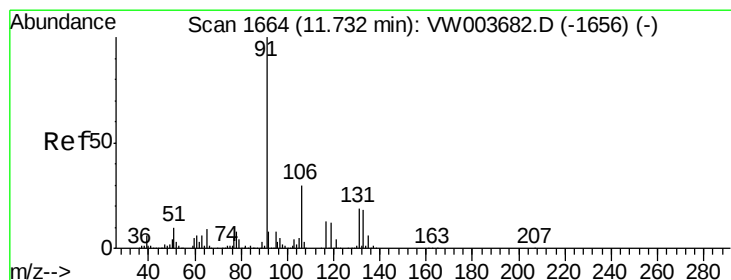
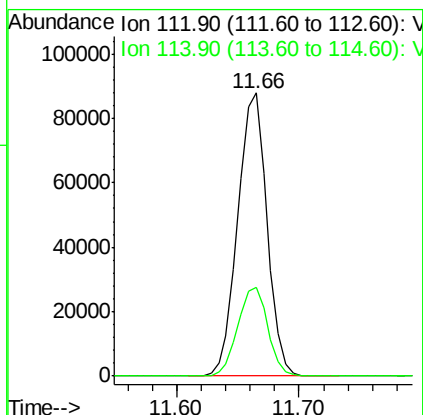
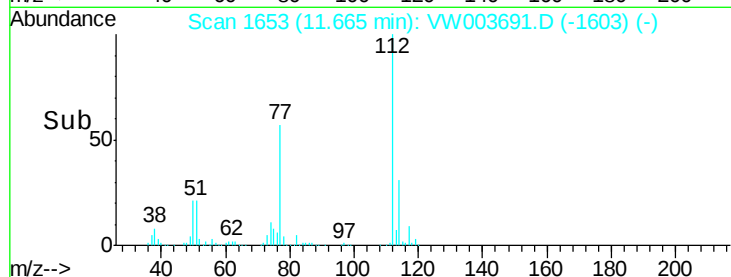
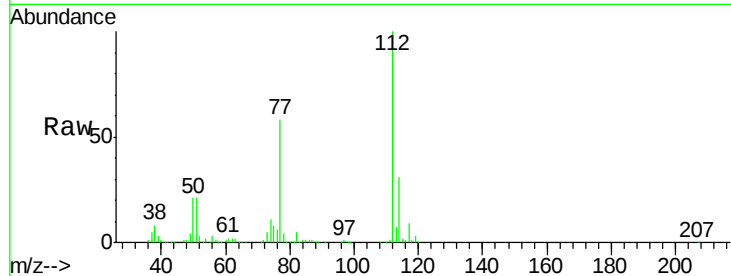
112 100

114 31.5 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.416 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

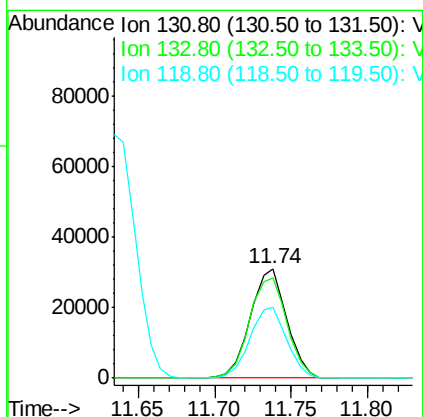
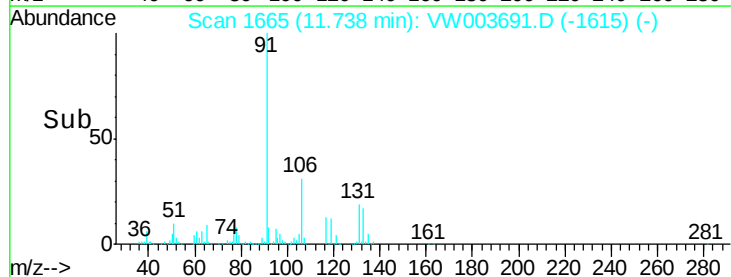
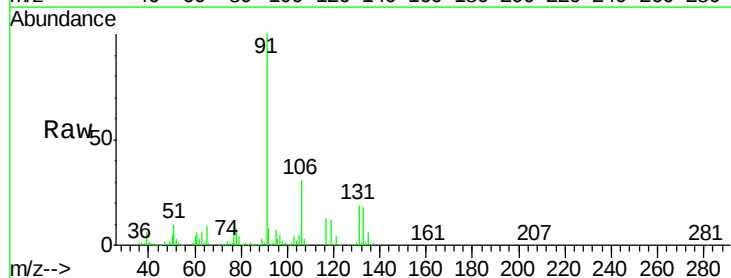
Tgt Ion:131 Resp: 51559

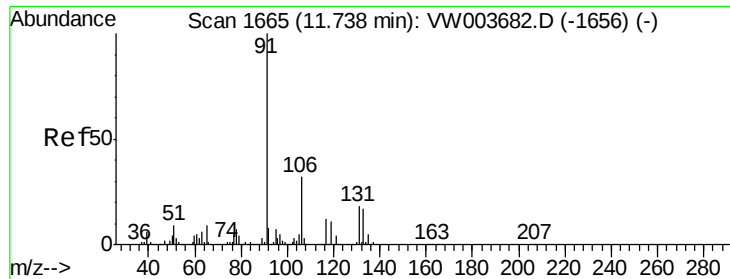
Ion Ratio Lower Upper

131 100

133 94.8 47.6 142.8

119 65.1 31.9 95.9





#67

Ethyl Benzene

Concen: 19.055 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion: 91 Resp: 253695

Ion Ratio Lower Upper

91 100

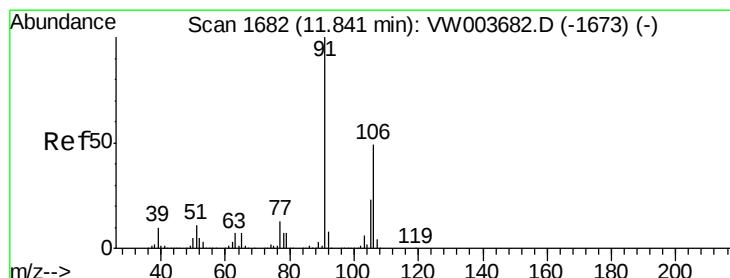
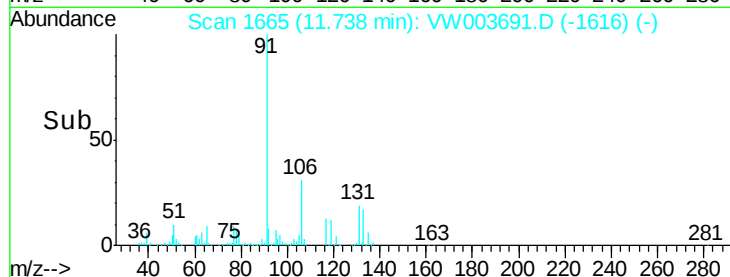
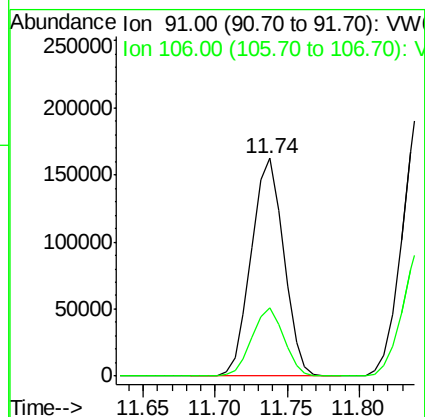
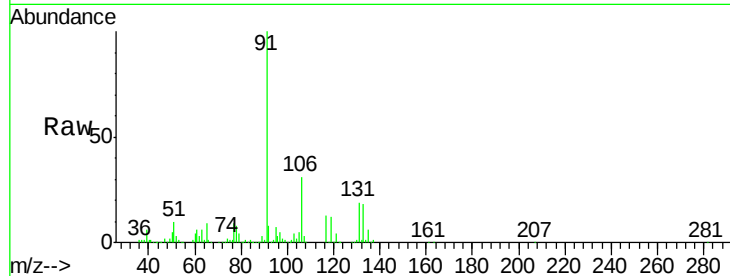
106 31.3 25.2 37.8

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#68

m/p-Xylenes

Concen: 38.138 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VW003691.D

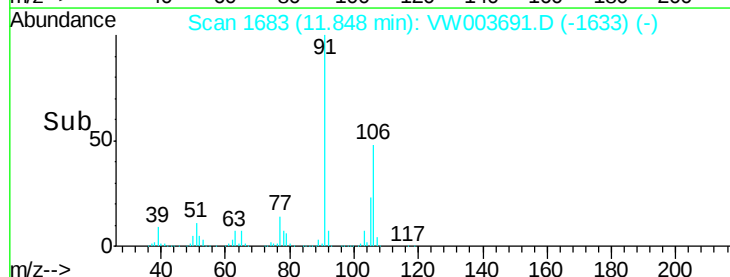
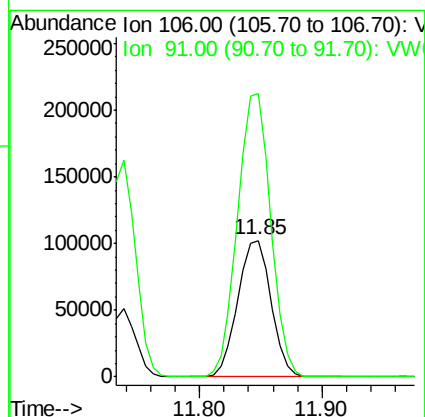
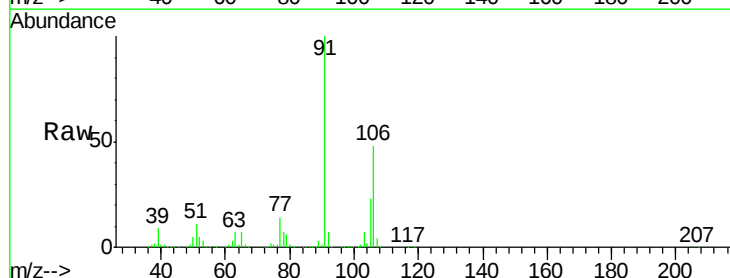
Acq: 03 Jul 2018 11:55

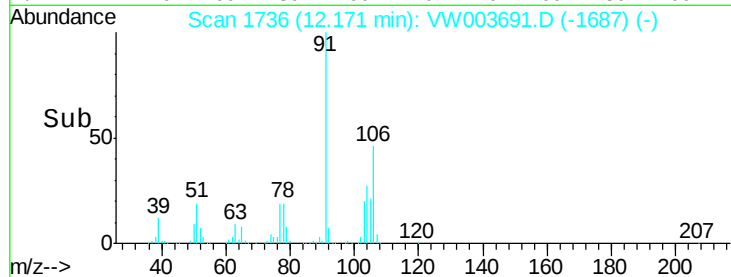
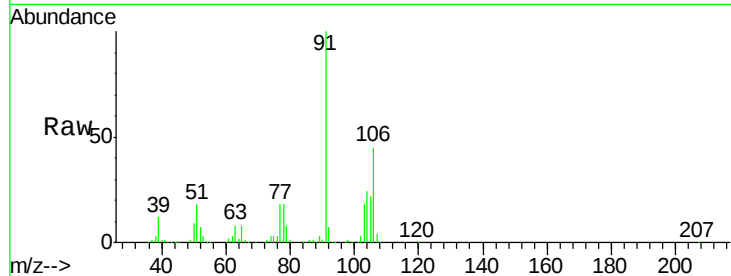
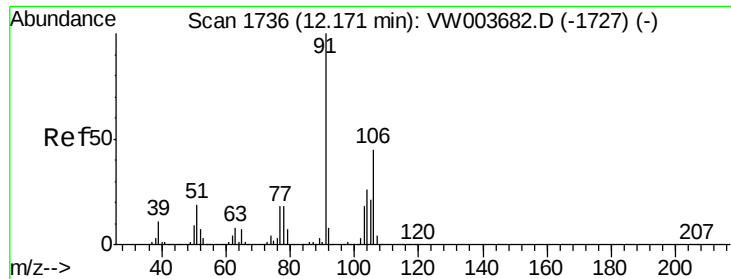
Tgt Ion: 106 Resp: 193090

Ion Ratio Lower Upper

106 100

91 207.1 163.7 245.5





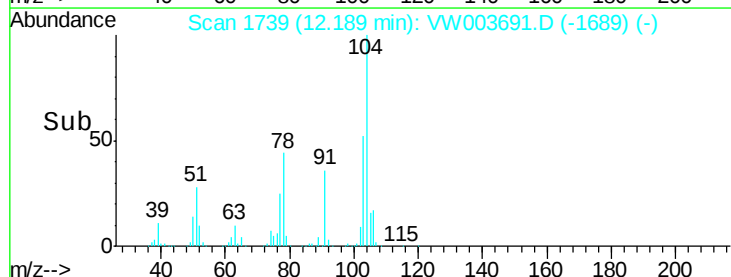
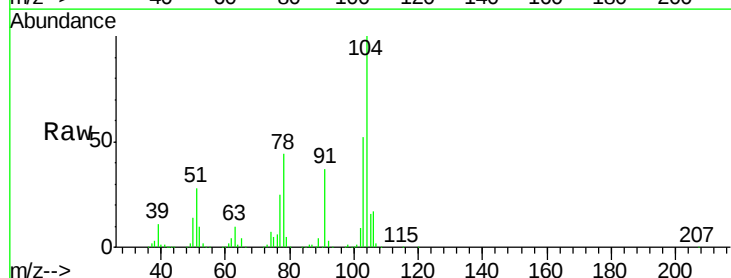
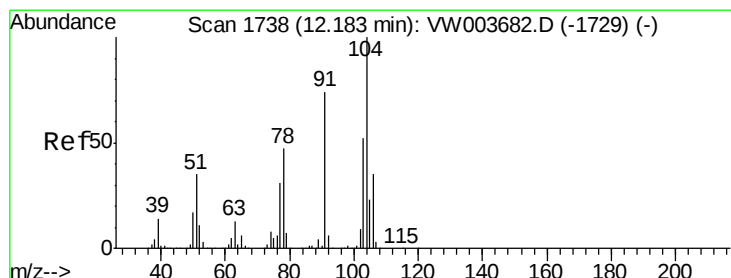
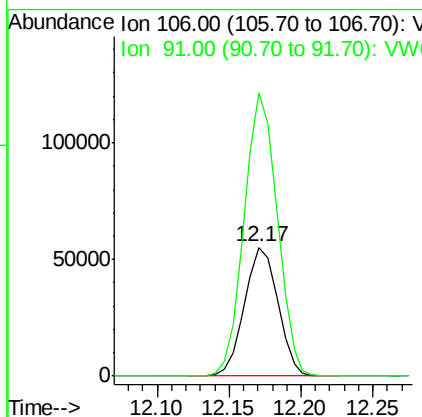
#69
o-Xylene
Concen: 18.941 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tot Ion:106 Resp: 88652
Ion Ratio Lower Upper
106 100
91 218.8 109.3 327.8

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

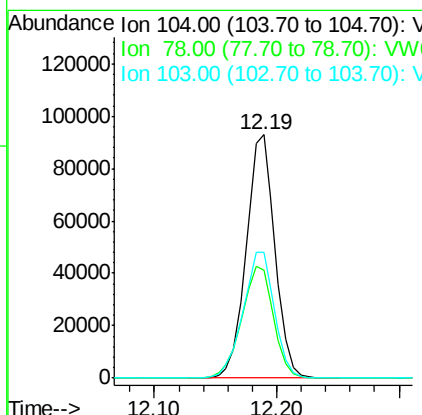
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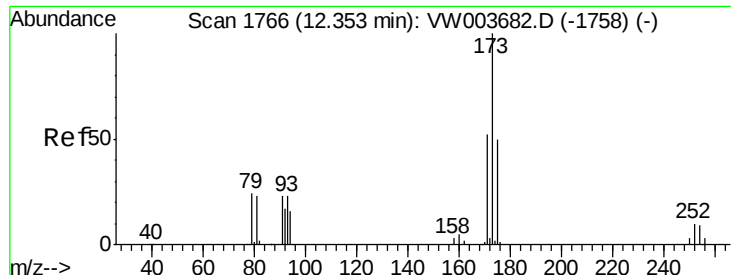
apatel
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#70
Styrene
Concen: 19.201 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion:104 Resp: 150945
Ion Ratio Lower Upper
104 100
78 51.1 40.2 60.4
103 56.7 44.4 66.6





#71

Bromoform

Concen: 18.086 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion:173 Resp: 26687

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

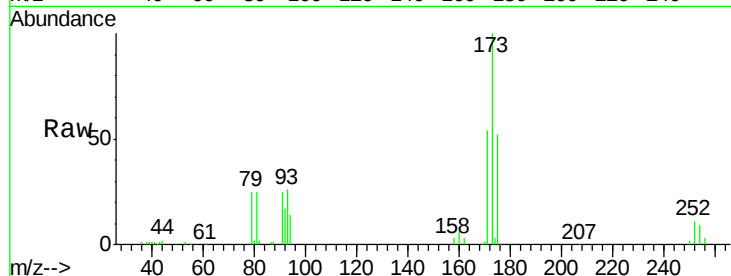
254 0.0 0.2 0.2#

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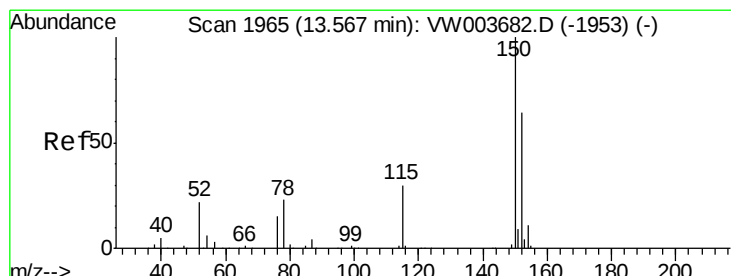
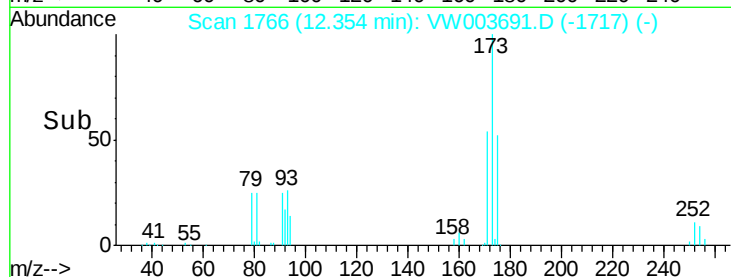
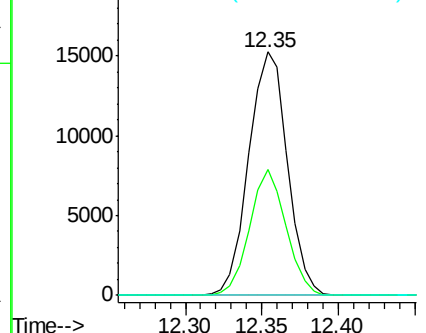
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 1965

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

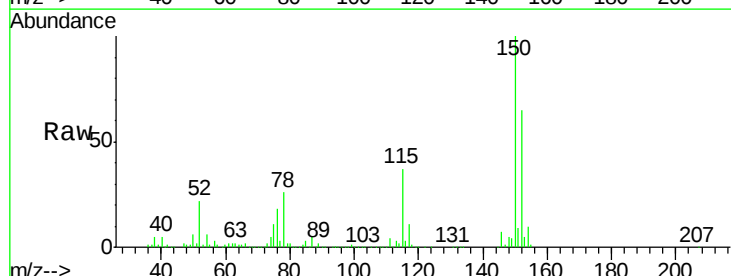
Tgt Ion:152 Resp: 190485

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

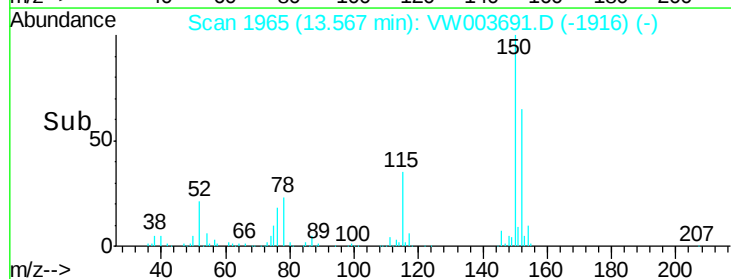
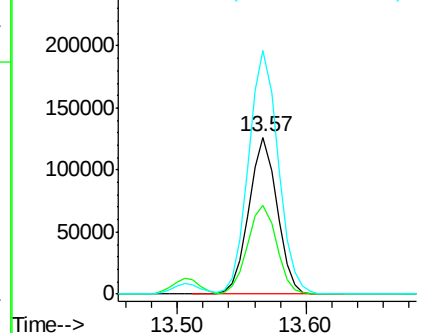
150 163.9 0.0 352.0

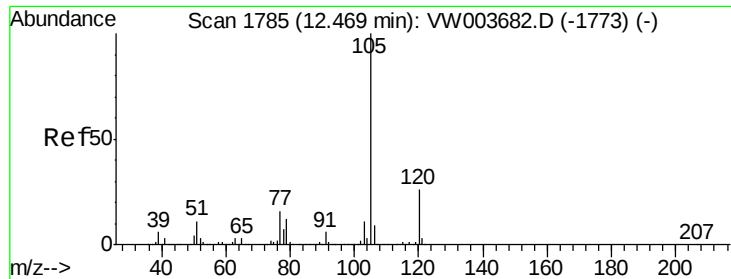


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.369 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampled :

VW0703SBS01

Tot Ion: 105 Resp: 250970

Ion Ratio Lower Upper

105 100

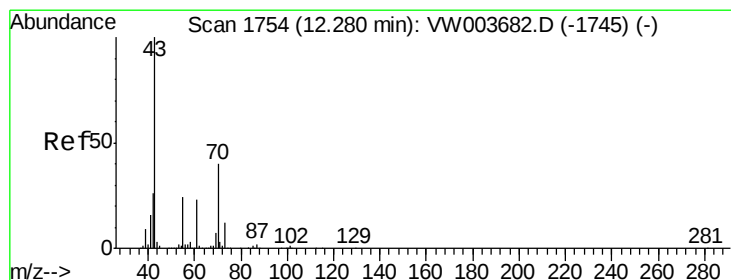
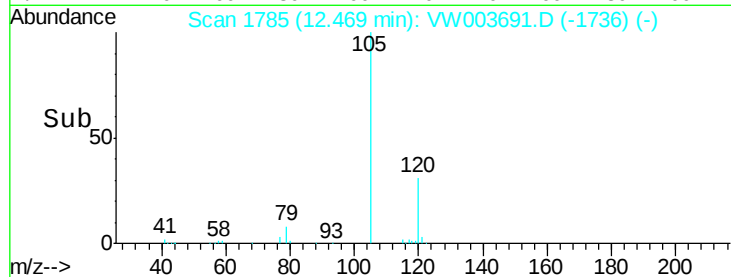
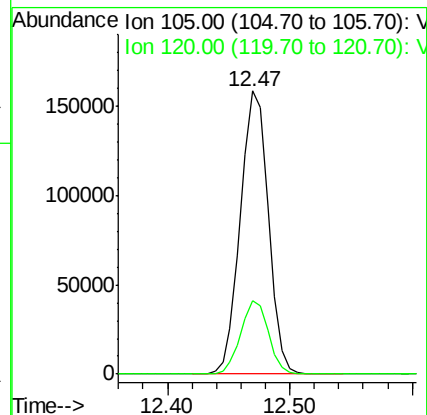
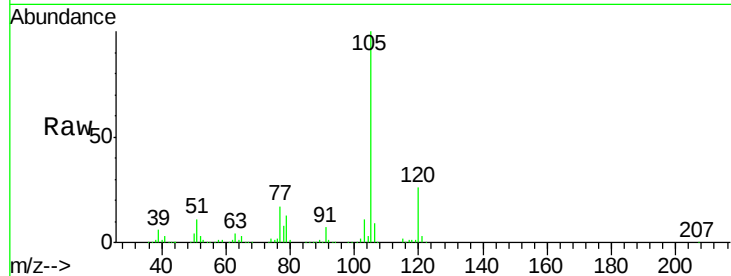
120 25.7 13.1 39.3

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#74

N-ethyl acetate

Concen: 18.054 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Tgt Ion: 43 Resp: 61770

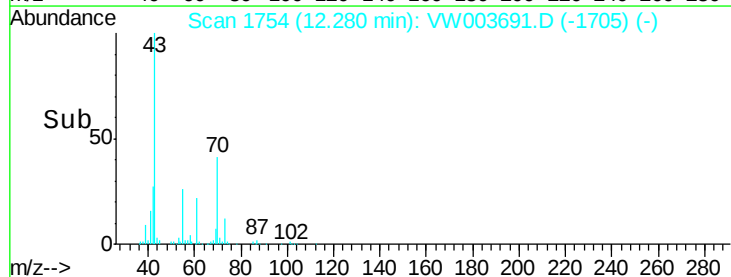
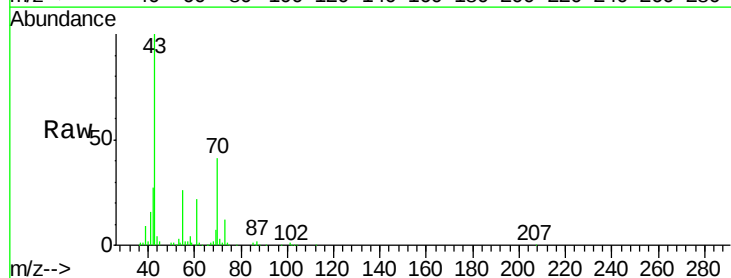
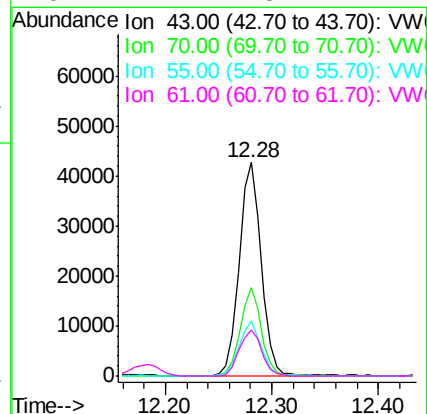
Ion Ratio Lower Upper

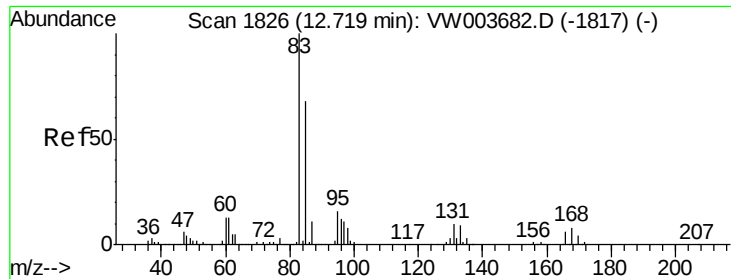
43 100

70 39.8 31.3 46.9

55 26.0 20.1 30.1

61 22.2 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.622 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

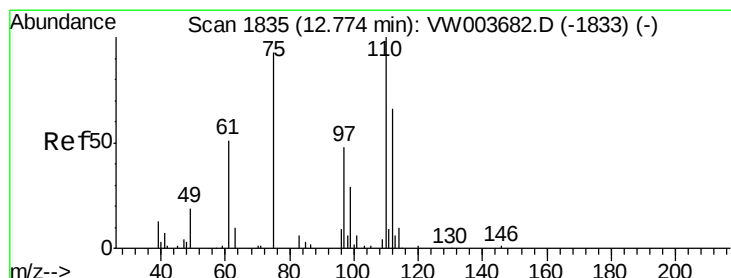
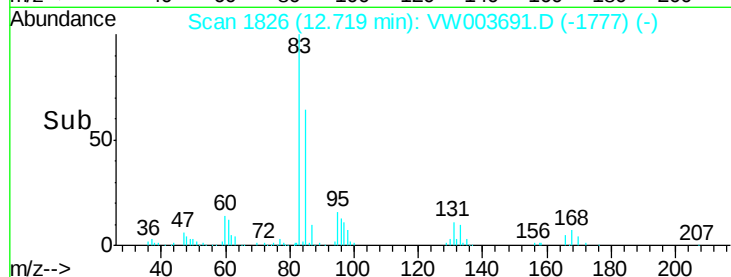
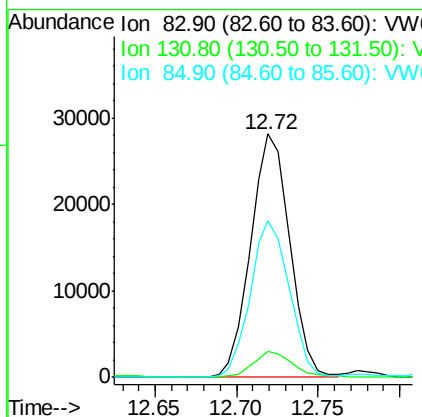
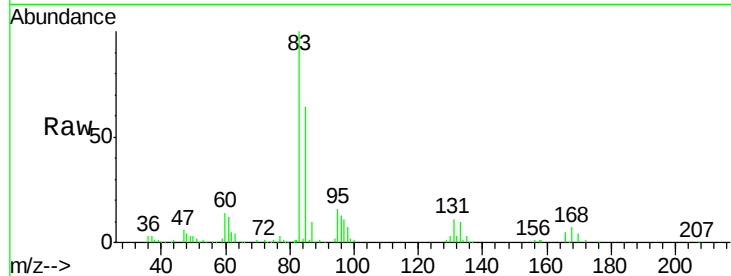
ClientSampleId :

VW0703SBS01

Tot Ion:	83	Resp:	47197
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	15.9
85	64.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.770 ug/l m

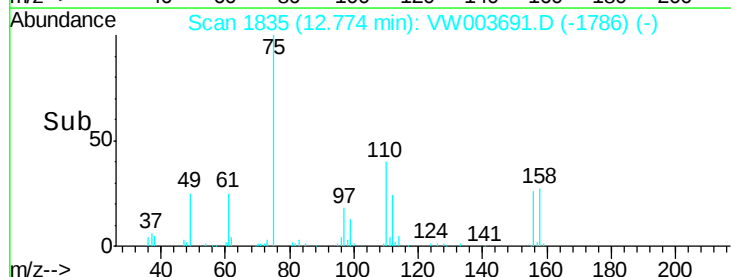
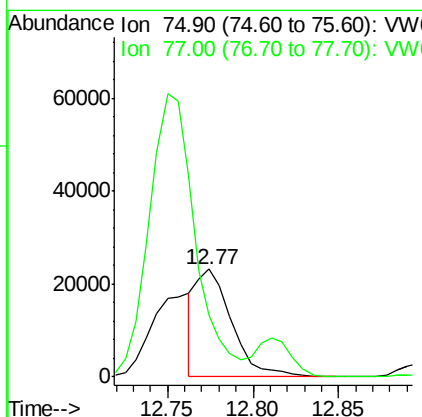
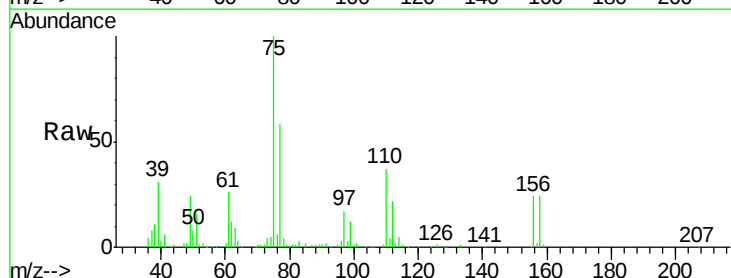
RT: 12.77 min Scan# 1835

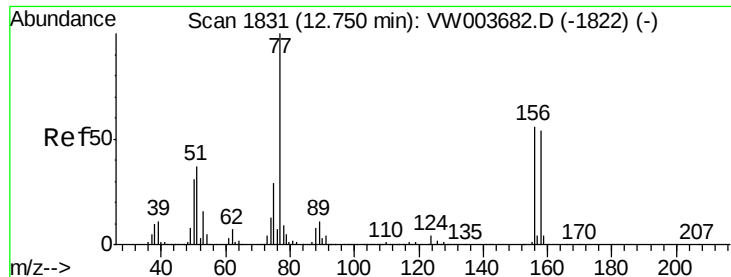
Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Tgt Ion:	75	Resp:	33861
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.326 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

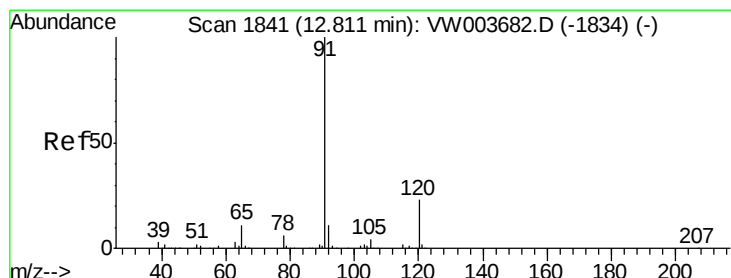
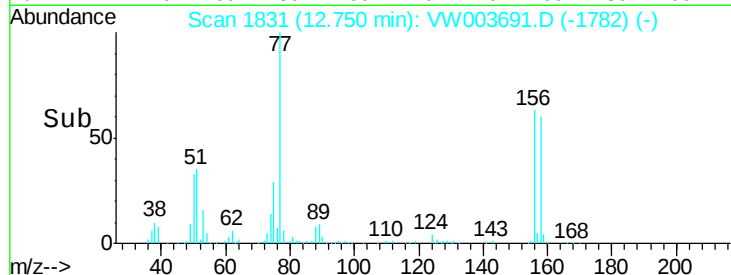
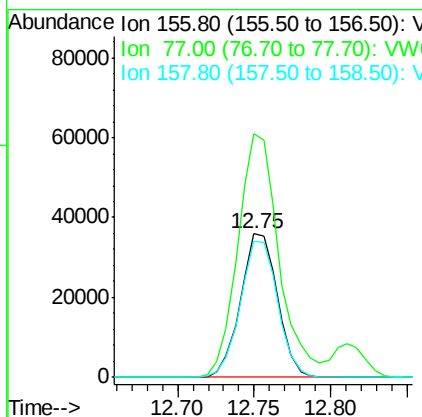
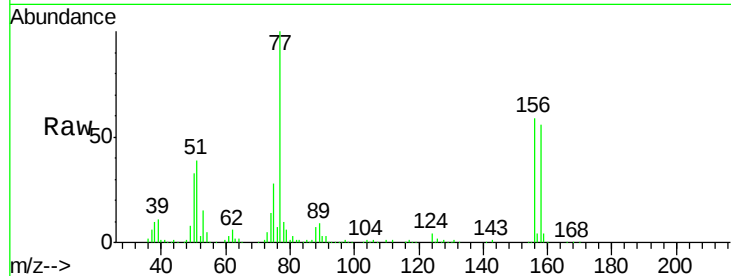
ClientSampleId :

VW0703SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	188.7	95.8	287.4	
158	96.5	48.2	144.6	

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#78

n-propylbenzene

Concen: 19.728 ug/l

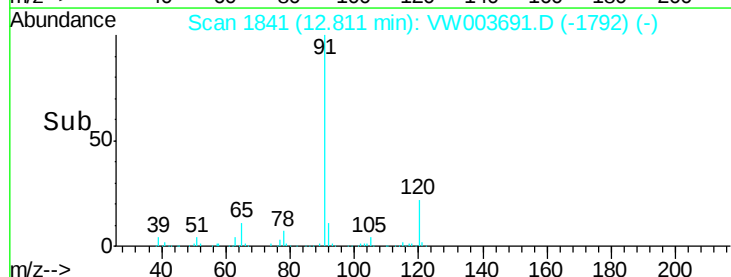
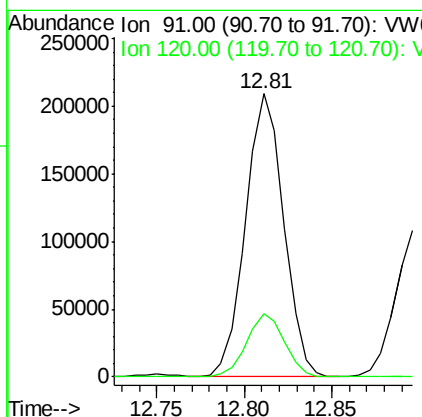
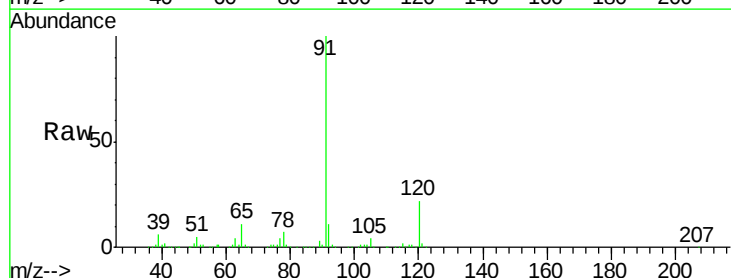
RT: 12.81 min Scan# 1841

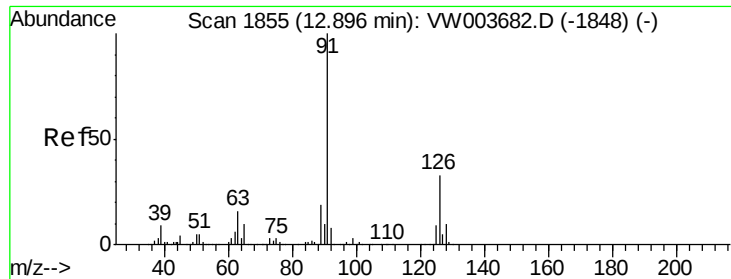
Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.2	11.4	34.1	





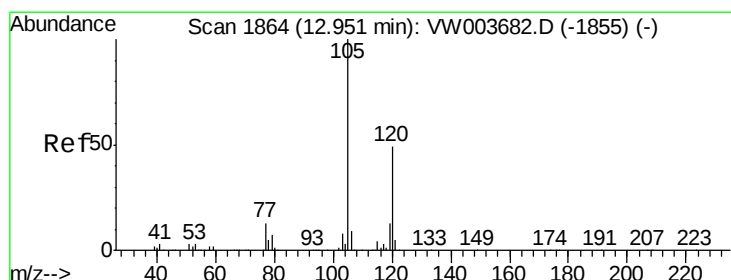
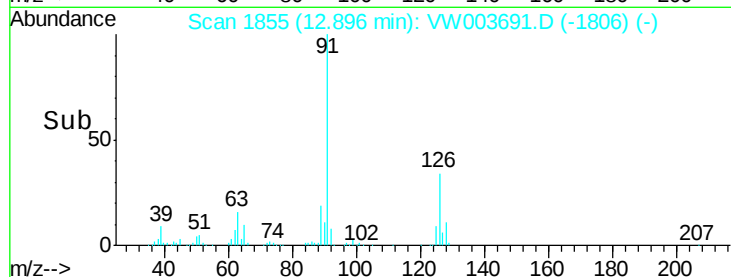
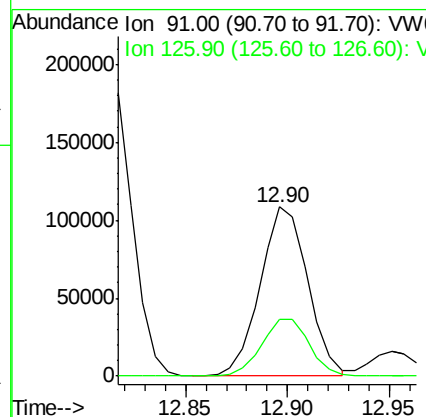
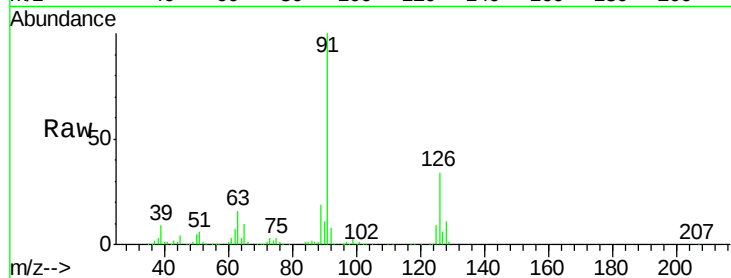
#79
2-Chlorotoluene
Concen: 19.253 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampled :
VW0703SBS01

Tot Ion: 91 Resp: 175370
Ion Ratio Lower Upper
91 100
126 34.2 16.4 49.4

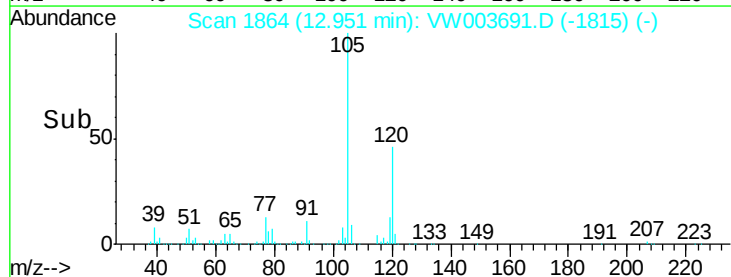
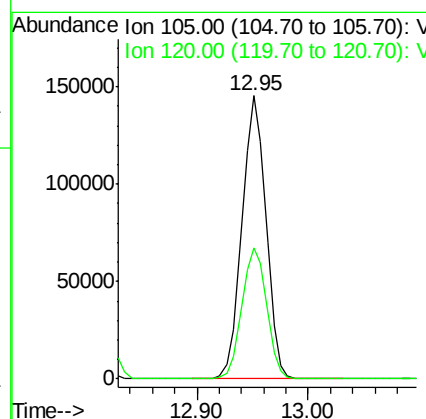
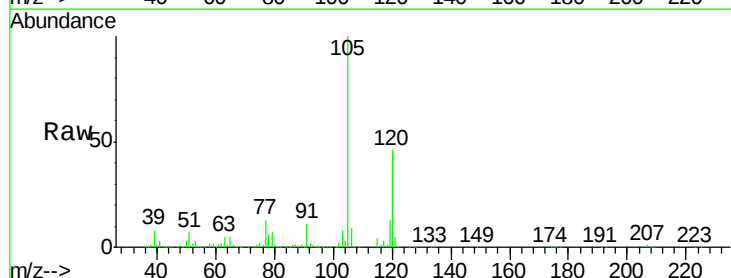
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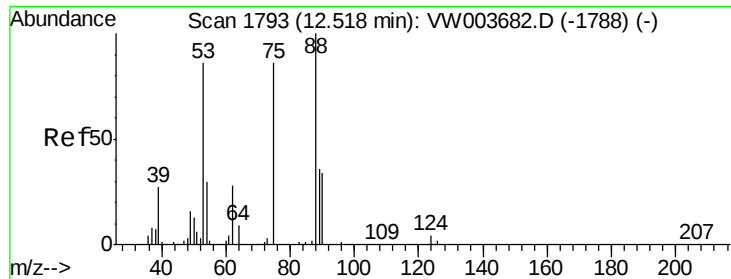
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 19.747 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion: 105 Resp: 216459
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8





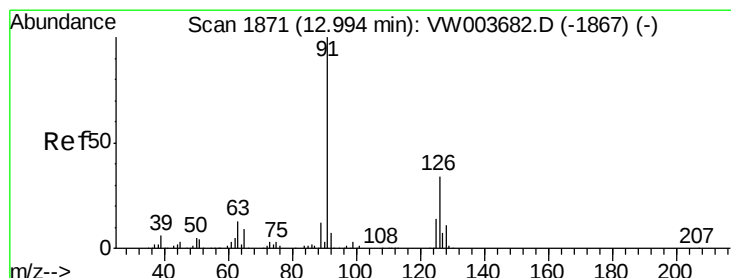
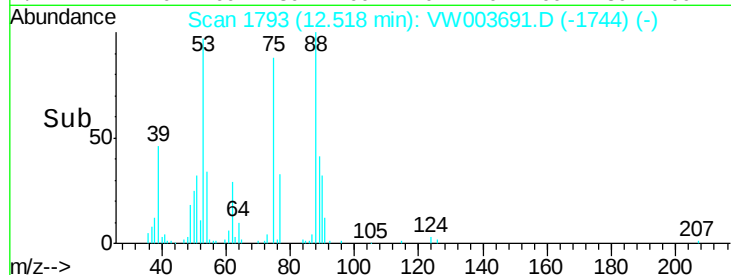
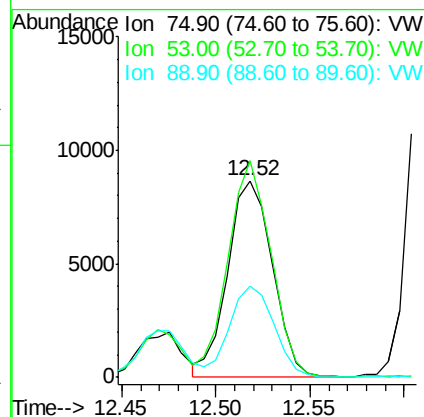
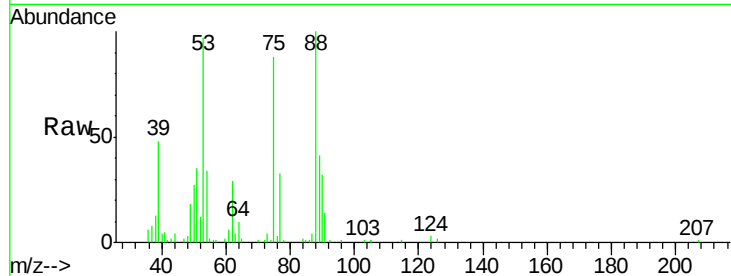
#81
trans-1,4-Dichloro-2-butene
Concen: 17.658 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.5	82.4	123.6
89	45.7	35.9	53.9

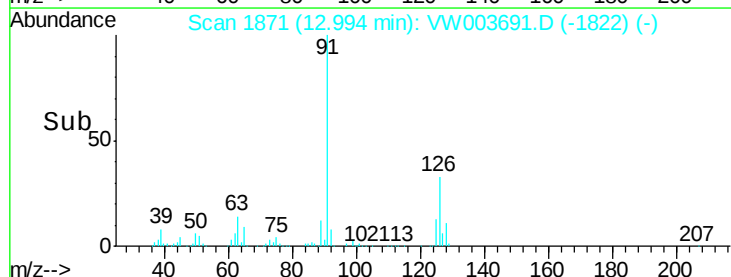
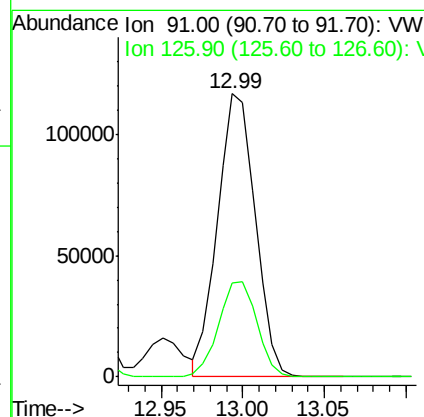
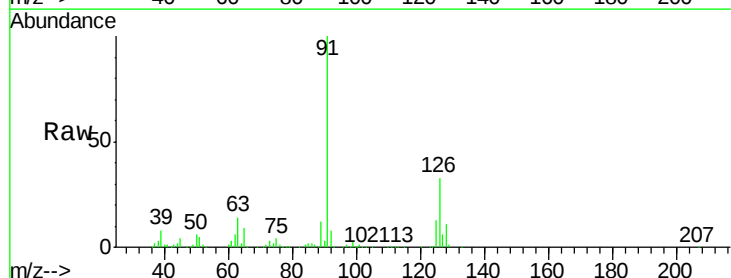
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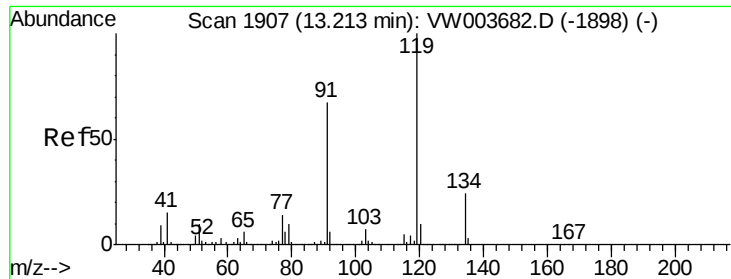
apatel
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#82
4-Chlorotoluene
Concen: 19.433 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.0	50.9





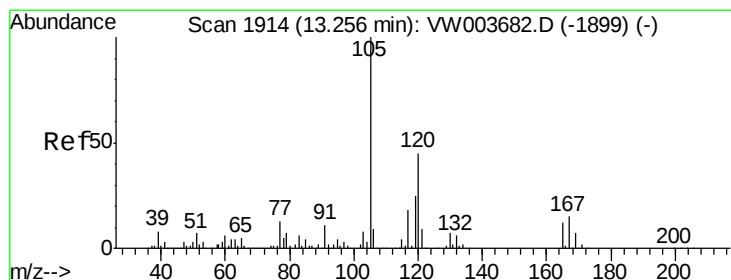
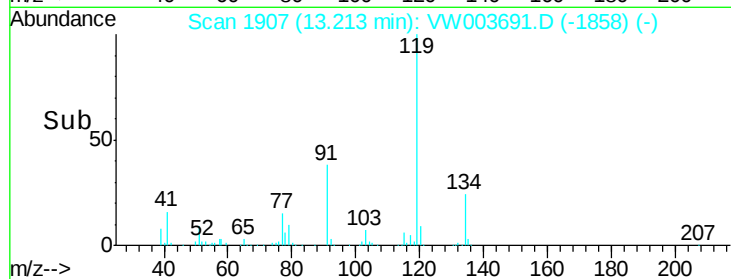
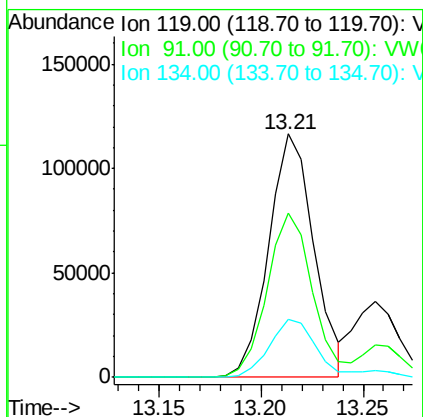
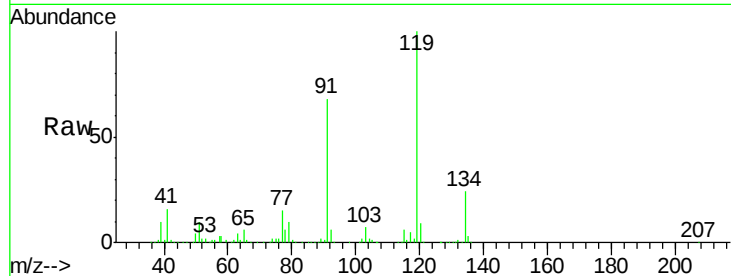
#83
tert-Butylbenzene
Concen: 19.515 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	180443		
91	68.3	33.8	101.3	
134	24.4	13.1	39.1	

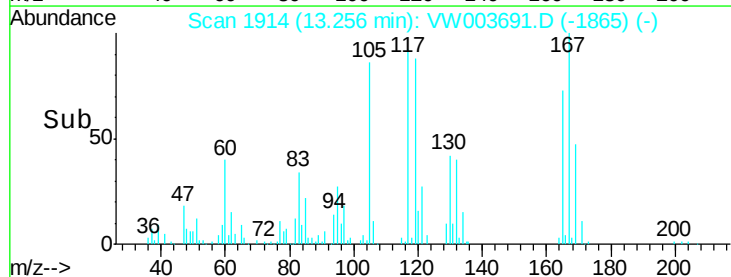
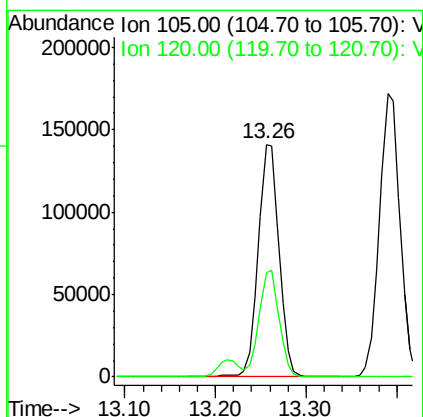
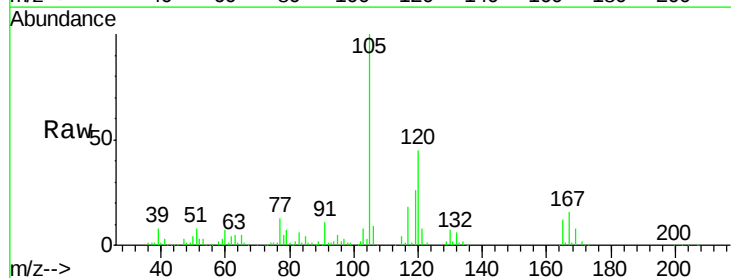
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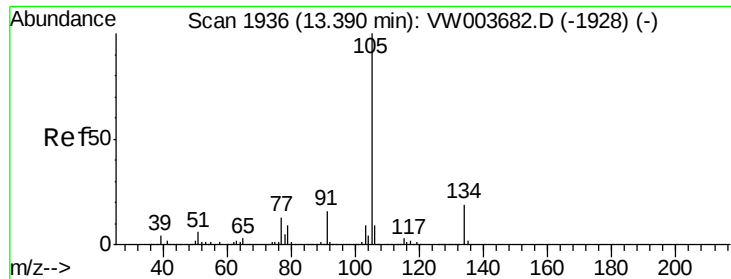
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#84
1,2,4-Trimethylbenzene
Concen: 19.883 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224374		
120	44.2	22.4	67.3	





#85

sec-Butylbenzene

Concen: 19.624 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

Tot Ion:105 Resp: 270006

Ion Ratio Lower Upper

105 100

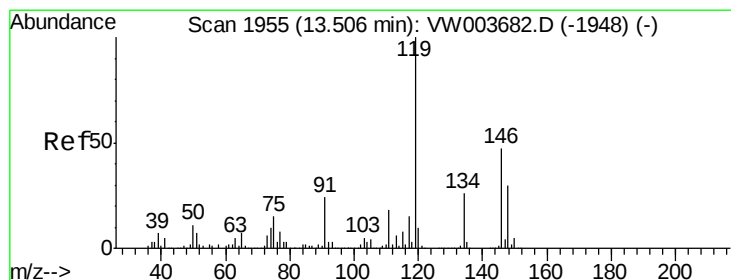
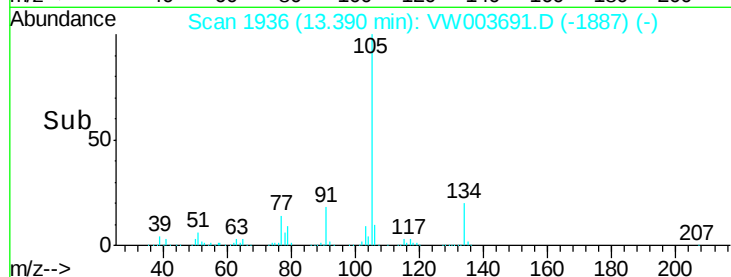
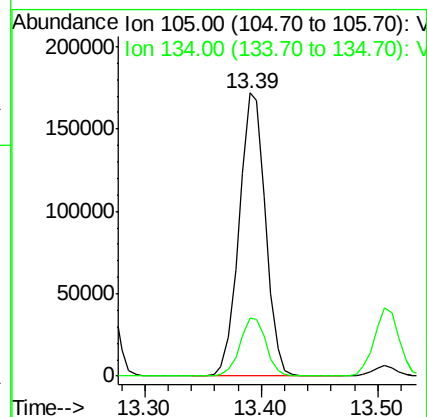
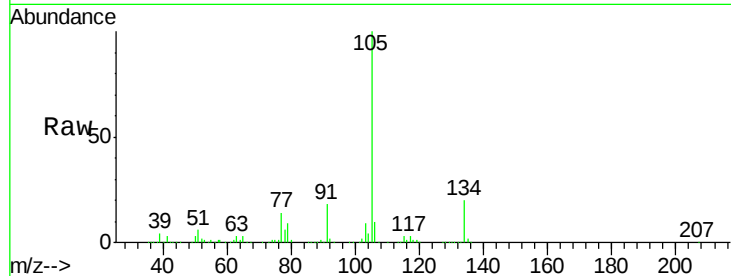
134 20.2 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 19.934 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

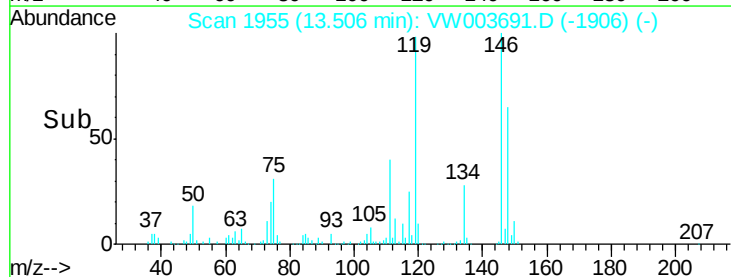
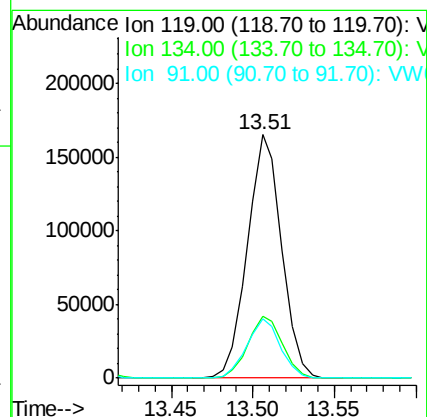
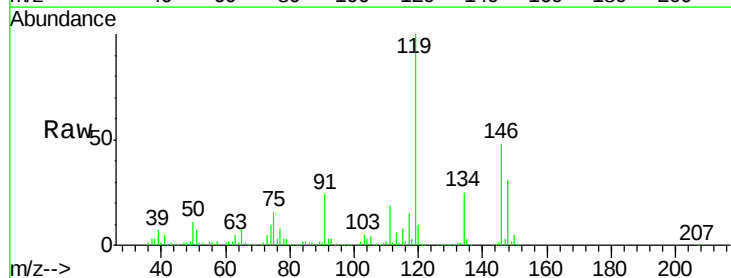
Tgt Ion:119 Resp: 239892

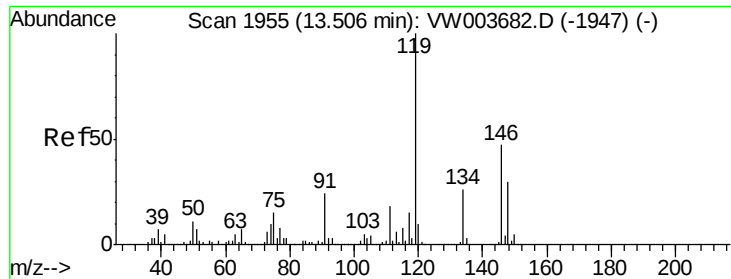
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.9 11.8 35.4





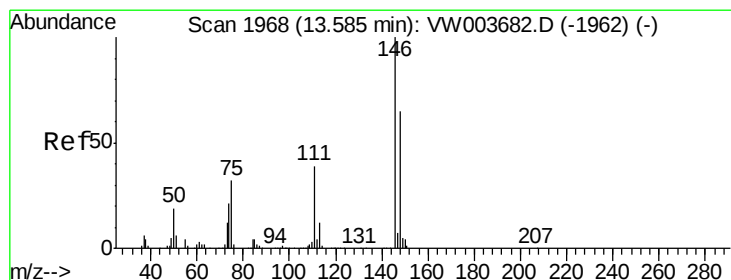
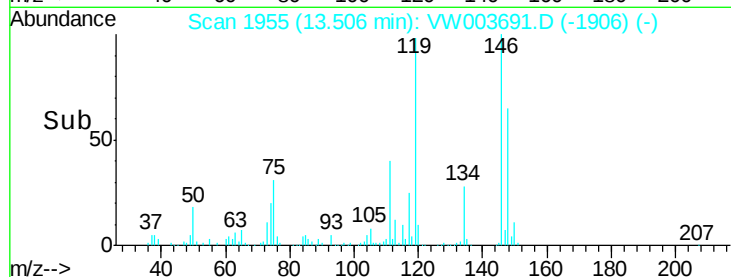
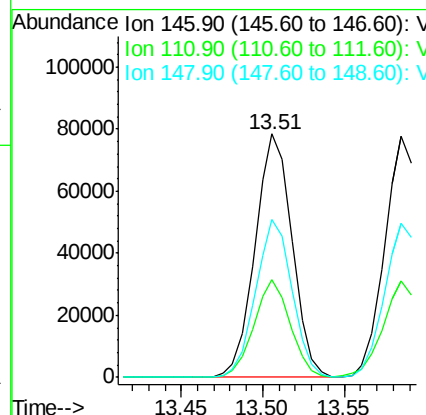
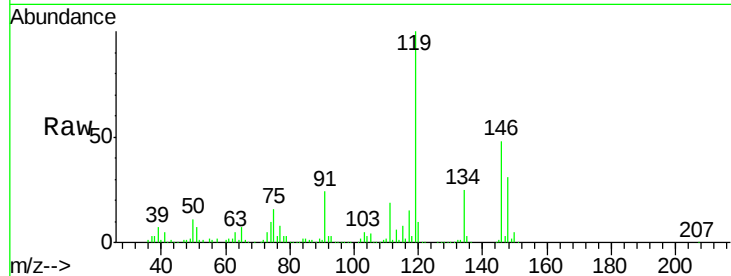
#87
 1,3-Dichlorobenzene
 Concen: 19.602 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	123710		
111	39.3	19.9	59.7	
148	64.0	31.9	95.9	

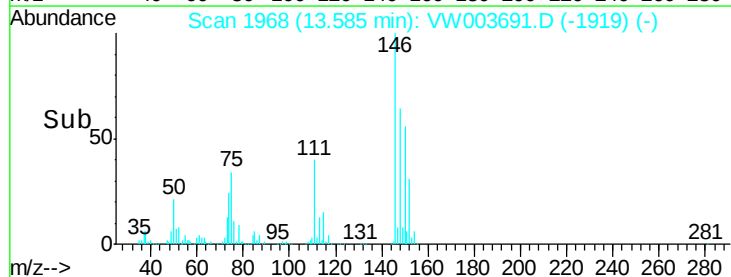
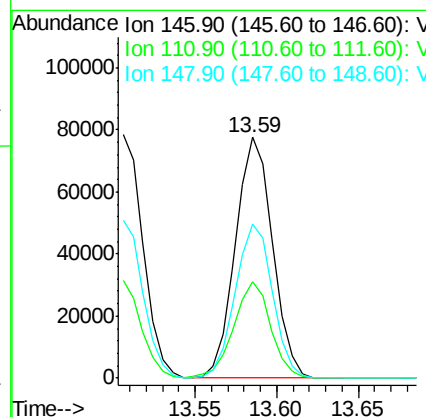
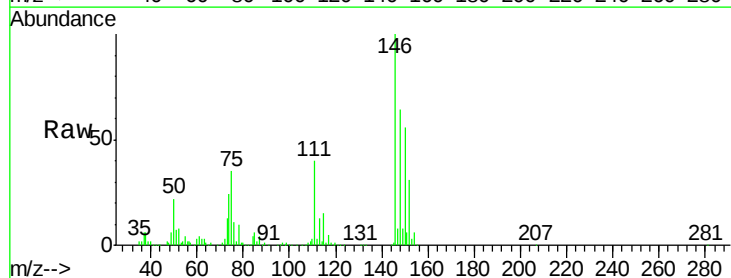
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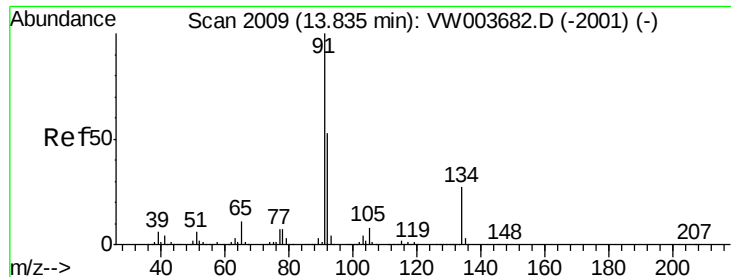
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#88
 1,4-Dichlorobenzene
 Concen: 19.524 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123130		
111	39.8	19.3	57.9	
148	64.2	32.3	96.9	





#89

n-Butylbenzene

Concen: 19.928 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Instrument :

MSVOA_W

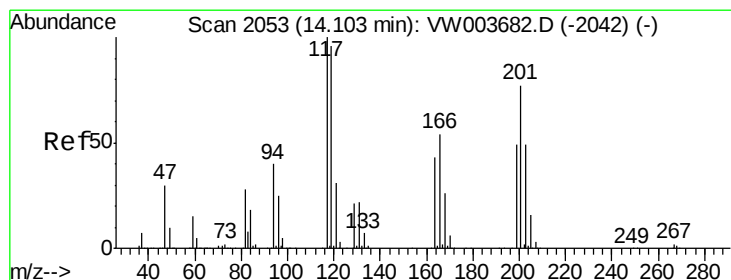
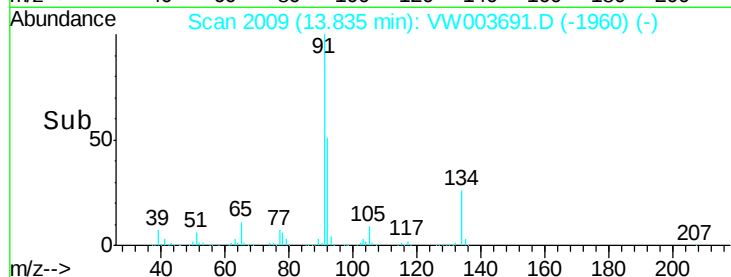
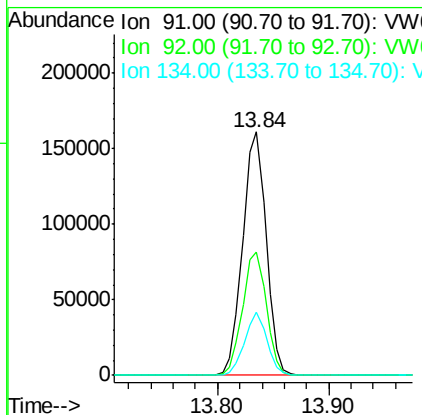
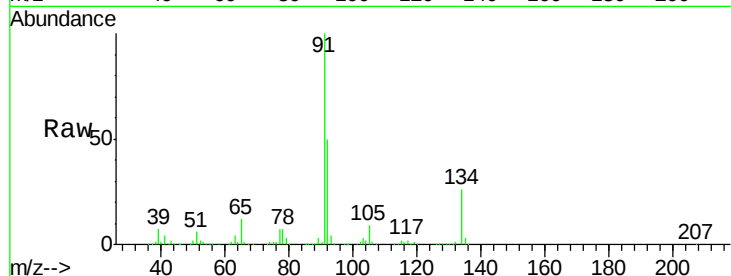
ClientSampleId :

VW0703SBS01

Tot Ion:	91	Resp:	237107
Ion Ratio	Lower	Upper	
91	100		
92	51.1	26.4	79.2
134	24.6	12.7	38.1

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#90

Hexachloroethane

Concen: 19.573 ug/l

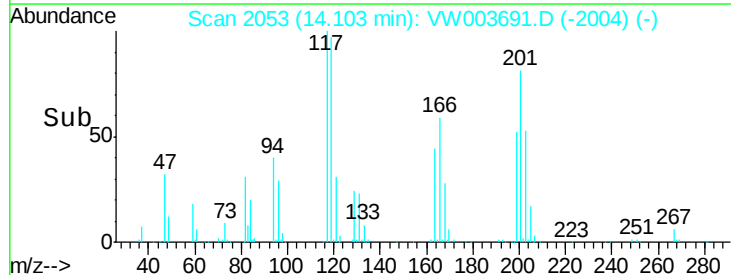
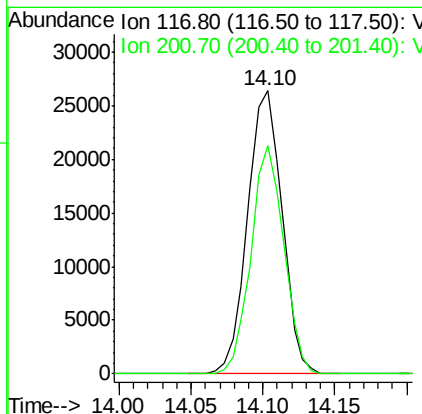
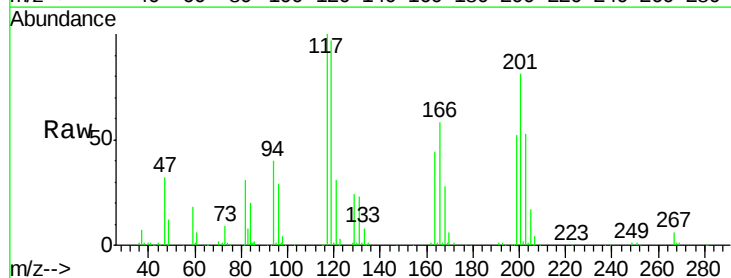
RT: 14.10 min Scan# 2053

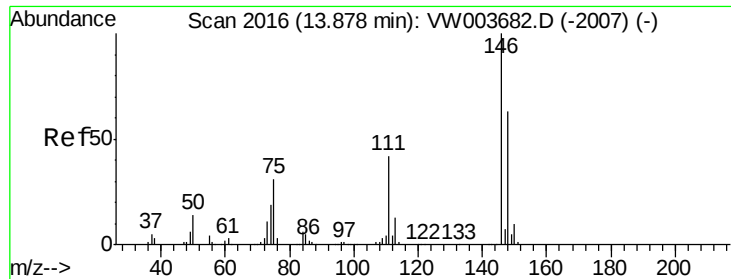
Delta R.T. 0.00 min

Lab File: VW003691.D

Acq: 03 Jul 2018 11:55

Tgt Ion:	117	Resp:	43761
Ion Ratio	Lower	Upper	
117	100		
201	76.6	39.1	117.2





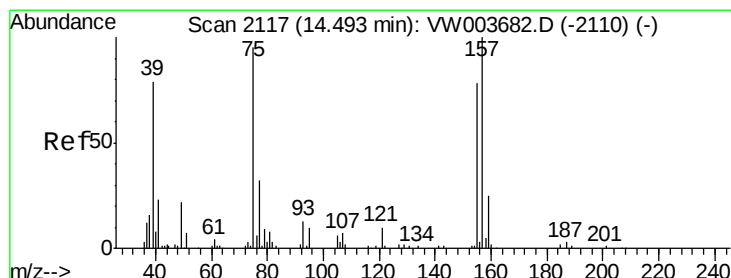
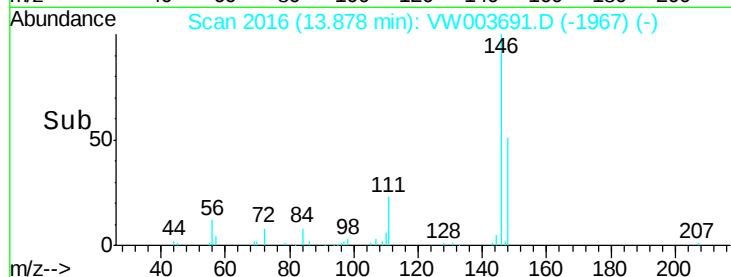
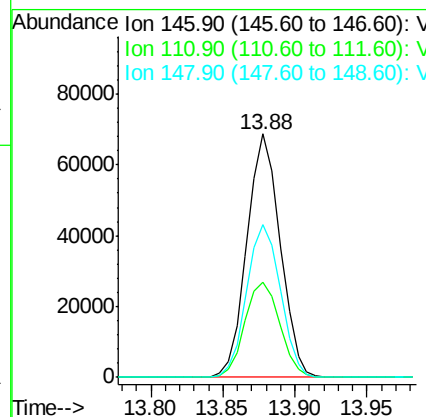
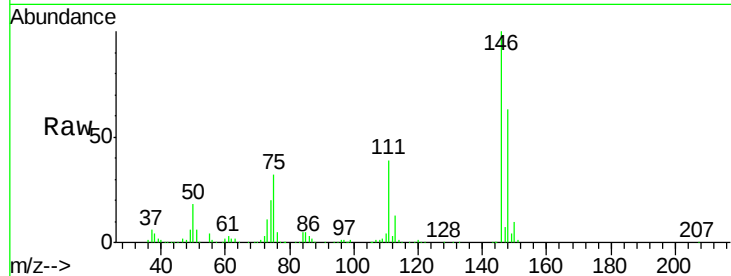
#91
1,2-Dichlorobenzene
Concen: 19.472 ug/l
RT: 13.88 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.9
148	64.0	31.9	95.7

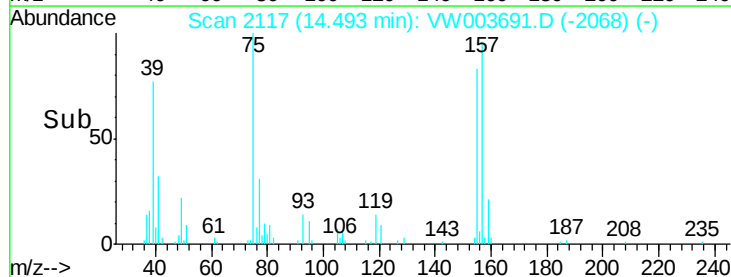
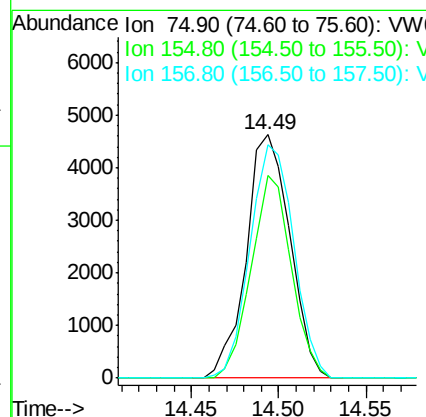
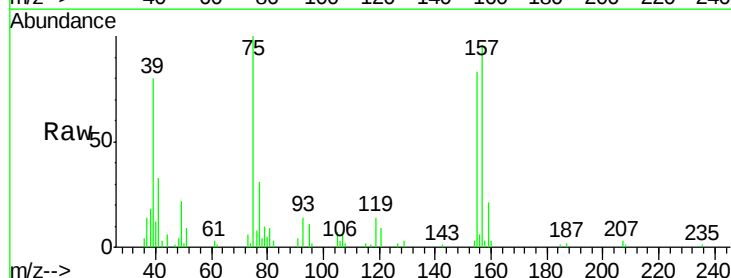
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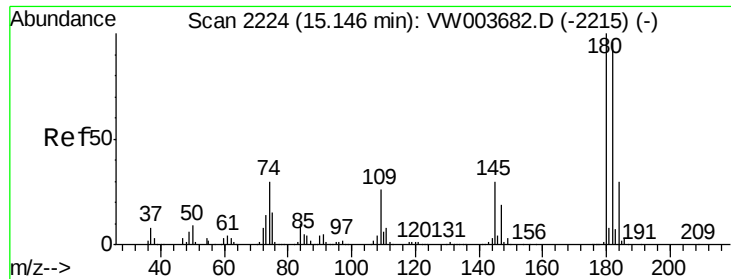
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#92
1,2-Dibromo-3-Chloropropane
Concen: 18.171 ug/l
RT: 14.49 min Scan# 2117
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	40.2	120.6
157	96.1	50.7	152.3





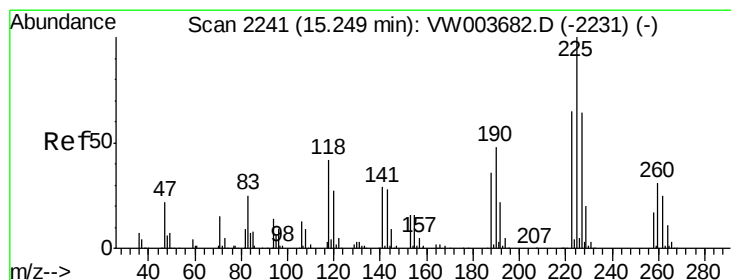
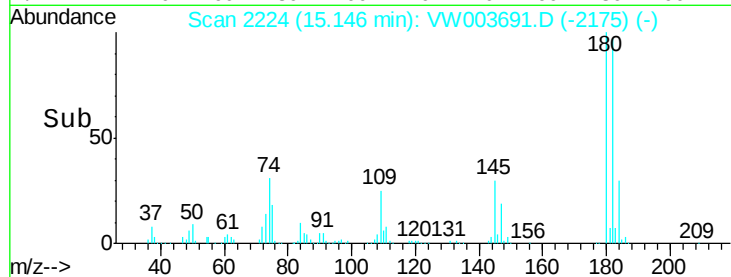
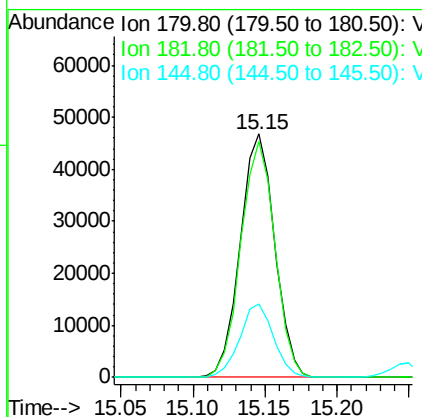
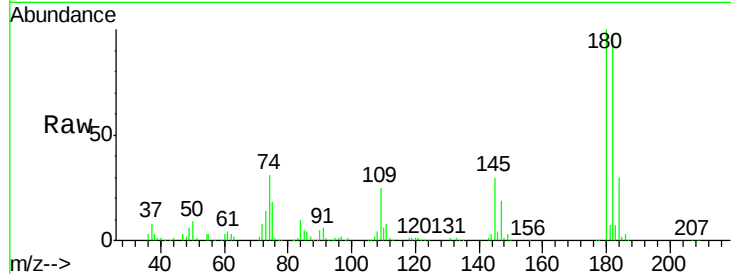
#93
 1,2,4-Trichlorobenzene
 Concen: 19.471 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.8
145	29.7	14.9	44.5

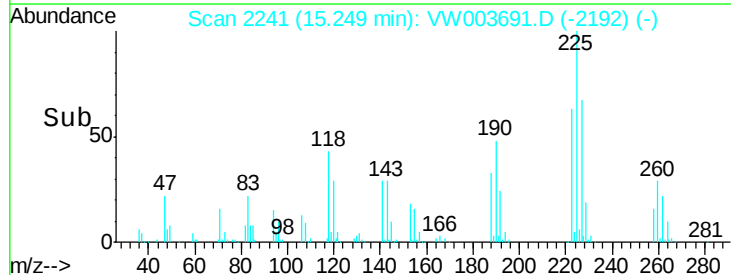
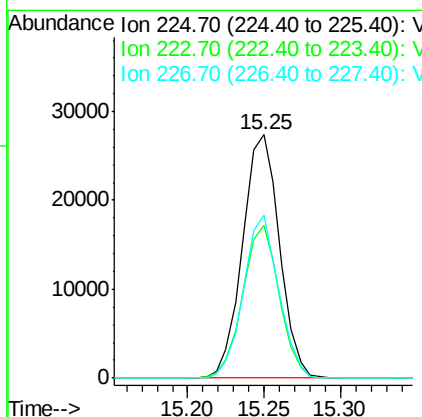
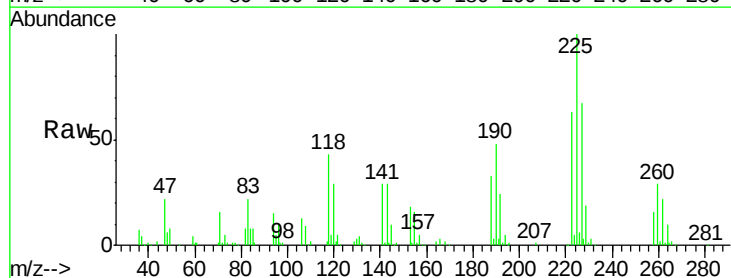
Manual Integrations
 APPROVED

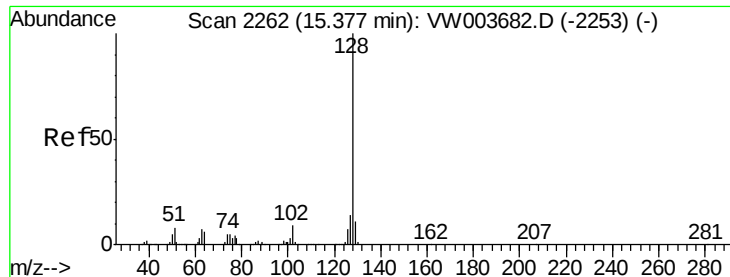
apatel
 7/5/2018 11:12:02 AM



#94
 Hexachlorobutadiene
 Concen: 20.000 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003691.D
 Acq: 03 Jul 2018 11:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.0	96.2
227	63.8	31.9	95.7





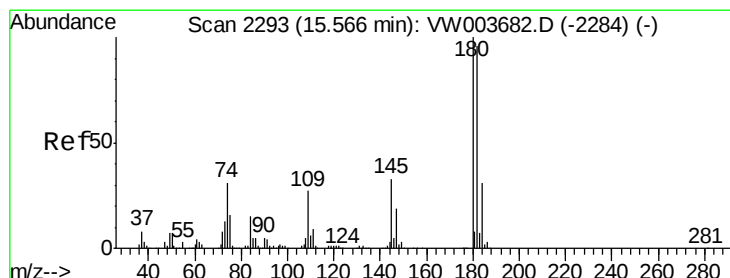
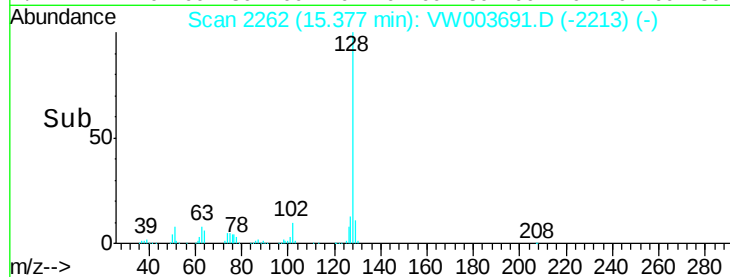
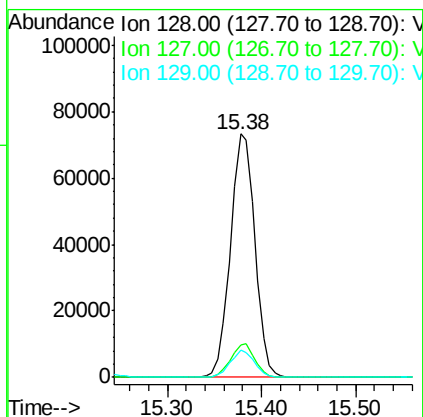
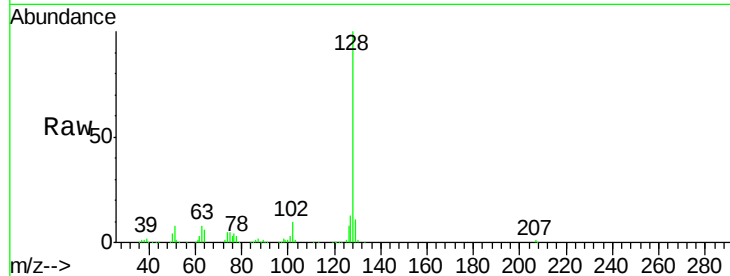
#95
Naphthalene
Concen: 18.277 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

Tot Ion:	128	Resp:	131897
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
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7/5/2018 11:12:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.218 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VW003691.D
Acq: 03 Jul 2018 11:55

Tgt Ion:	180	Resp:	68115
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.8	143.3
145	31.6	15.9	47.7

