

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006681.D
 Acq On : 06 Nov 2018 13:06
 Operator : SY/AP
 Sample : VW1106SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Manual Integrations
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 11/7/2018 2:06:10 PM

Quant Time: Nov 06 14:58:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	346790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104305	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	115753	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.33	98	444390	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	156073	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30832	23.735	ug/l	97
3) Chloromethane	2.21	50	33937	21.115	ug/l	97
4) Vinyl Chloride	2.37	62	49761	22.173	ug/l	98
5) Bromomethane	2.79	94	40941	21.738	ug/l	100
6) Chloroethane	2.93	64	33895	21.616	ug/l	99
7) Trichlorofluoromethane	3.26	101	42225	21.306	ug/l	99
8) Diethyl Ether	3.68	74	19108	17.638	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47625	22.504	ug/l	100
10) Methyl Iodide	4.26	142	75669	19.720	ug/l	99
11) Tert butyl alcohol	5.24	59	9808	84.510	ug/l	97
12) 1,1-Dichloroethene	4.03	96	43295	21.182	ug/l	97
13) Acrolein	3.90	56	11160	76.455	ug/l	99
14) Allyl chloride	4.67	41	53462	20.038	ug/l	98
15) Acrylonitrile	5.38	53	34159	87.939	ug/l	99
16) Acetone	4.15	43	40622	116.808	ug/l	98
17) Carbon Disulfide	4.37	76	125046	21.498	ug/l	99
18) Methyl Acetate	4.68	43	16944	16.944	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	55671	18.298	ug/l	98
20) Methylene Chloride	4.91	84	47253	17.027	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	47339	20.468	ug/l	97
22) Diisopropyl ether	6.32	45	108456	19.499	ug/l	98
23) Vinyl Acetate	6.26	43	286450	92.867	ug/l	98
24) 1,1-Dichloroethane	6.21	63	76109	20.190	ug/l	100
25) 2-Butanone	7.18	43	48798	98.334	ug/l	98
26) 2,2-Dichloropropane	7.17	77	52227	22.999	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	51891	20.054	ug/l	99
28) Bromochloromethane	7.51	49	28240	18.866	ug/l	98
29) Tetrahydrofuran	7.54	42	26219	84.001	ug/l	99
30) Chloroform	7.68	83	81974	19.834	ug/l	96
31) Cyclohexane	7.96	56	71752	20.913	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	73681	21.068	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67291	22.065	ug/l	99
37) Ethyl Acetate	7.26	43	20478	19.377	ug/l	98
38) Carbon Tetrachloride	8.07	117	71155	22.329	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85302	22.041	ug/l	98
40) Benzene	8.32	78	186010	21.474	ug/l	98
41) Methacrylonitrile	7.49	41	11867	18.312	ug/l	98
42) 1,2-Dichloroethane	8.40	62	49422	19.894	ug/l	100
43) Isopropyl Acetate	8.43	43	37732	17.892	ug/l	98
44) Trichloroethene	9.10	130	56912	21.291	ug/l	98
45) 1,2-Dichloropropane	9.37	63	42746	21.205	ug/l	99
46) Dibromomethane	9.46	93	23359	19.712	ug/l	99
47) Bromodichloromethane	9.65	83	56473	20.525	ug/l	99
48) Methyl methacrylate	9.44	41	17690	17.410	ug/l	95
49) 1,4-Dioxane	9.49	88	6315	364.139	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	96632	89.217	ug/l	98
52) Toluene	10.39	92	123694	21.290	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53014	20.020	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	64152	20.501	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32805	19.511	ug/l	98
56) Ethyl methacrylate	10.65	69	33898	17.738	ug/l	98
57) 1,3-Dichloropropane	10.93	76	53468	19.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	85728	92.284	ug/l	99
59) 2-Hexanone	10.98	43	72362	98.367	ug/l	98
60) Dibromochloromethane	11.13	129	39375	19.766	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32010	19.171	ug/l	100
64) Tetrachloroethene	10.87	164	51386	20.272	ug/l	98
65) Chlorobenzene	11.66	112	141801	21.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48505	20.624	ug/l	98
67) Ethyl Benzene	11.74	91	240098	21.467	ug/l	100
68) m/p-Xylenes	11.84	106	193683	43.345	ug/l	98
69) o-Xylene	12.17	106	89297	20.991	ug/l	100
70) Styrene	12.19	104	144395	20.820	ug/l	100
71) Bromoform	12.35	173	23826	19.111	ug/l #	99
73) Isopropylbenzene	12.47	105	250981	21.193	ug/l	100
74) N-amyl acetate	12.28	43	36585	17.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	35172	18.804	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	27140m	19.349	ug/l	
77) Bromobenzene	12.75	156	62713	20.453	ug/l	100
78) n-propylbenzene	12.81	91	296387	21.758	ug/l	100
79) 2-Chlorotoluene	12.90	91	165169	21.128	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	212819	21.390	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9339	18.986	ug/l	97
82) 4-Chlorotoluene	12.99	91	174915	21.149	ug/l	99
83) tert-Butylbenzene	13.21	119	189146	21.318	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	216176	21.183	ug/l	100
85) sec-Butylbenzene	13.39	105	274930	22.124	ug/l	100
86) p-Isopropyltoluene	13.51	119	247845	21.919	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127654	21.139	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	127170	21.245	ug/l	99
89) n-Butylbenzene	13.83	91	226739	22.590	ug/l	99
90) Hexachloroethane	14.10	117	40201	21.632	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112062	20.631	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5227	17.222	ug/l	99

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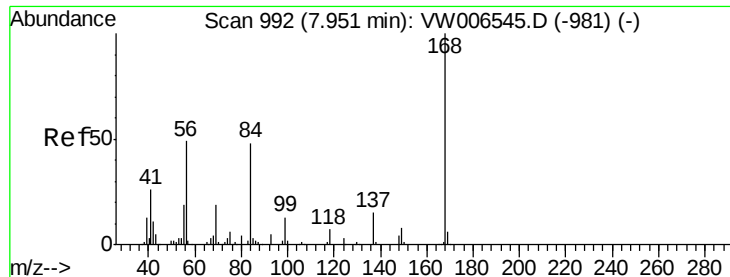
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	83744	20.734	ug/l	99
94) Hexachlorobutadiene	15.24	225	56203	22.327	ug/l	100
95) Naphthalene	15.38	128	116181	17.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71095	20.028	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion:168 Resp: 250586

Ion Ratio Lower Upper

168 100

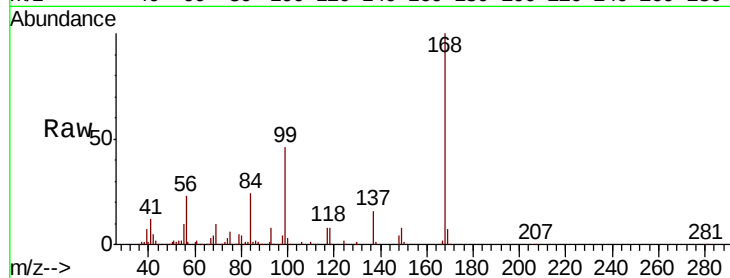
99 46.5 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

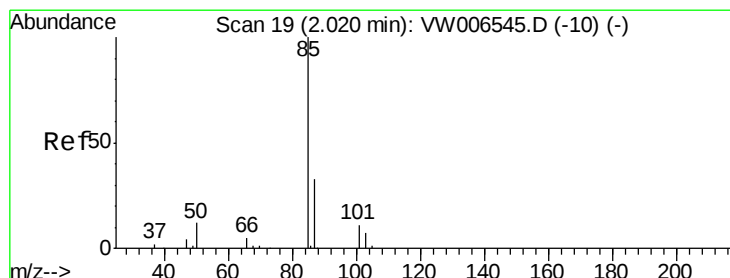
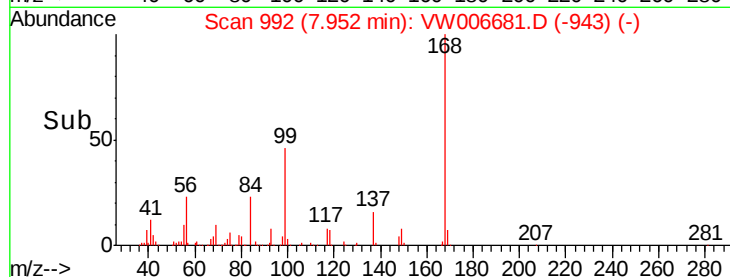
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.735 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006681.D

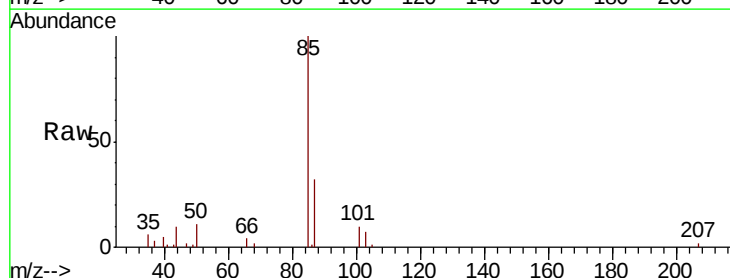
Acq: 06 Nov 2018 13:06

Tgt Ion: 85 Resp: 30832

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

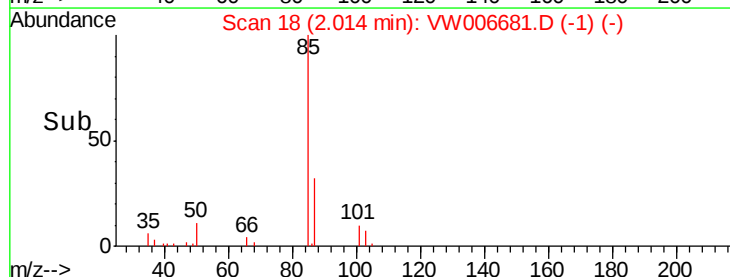
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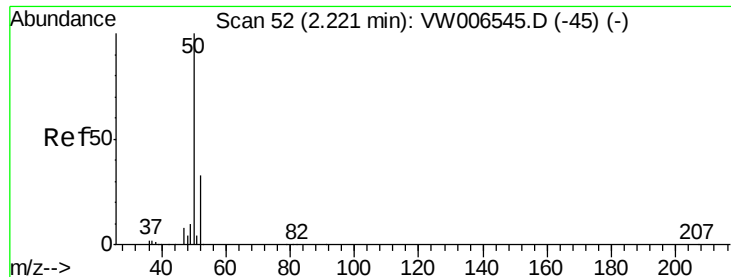
4000

2000

0

Time-->





#3

Chloromethane

Concen: 21.115 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 50 Resp: 33937

Ion Ratio Lower Upper

50 100

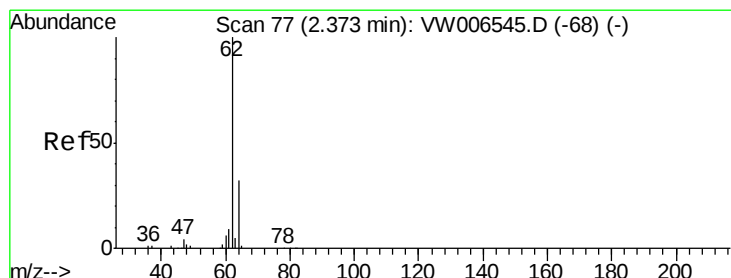
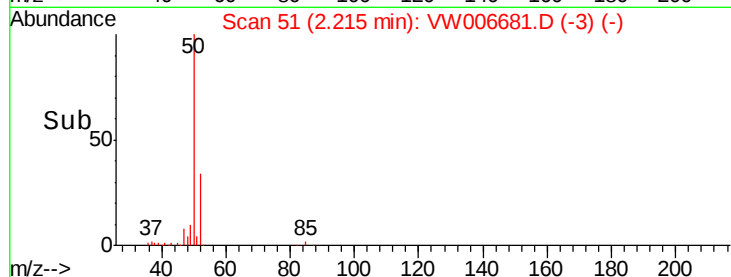
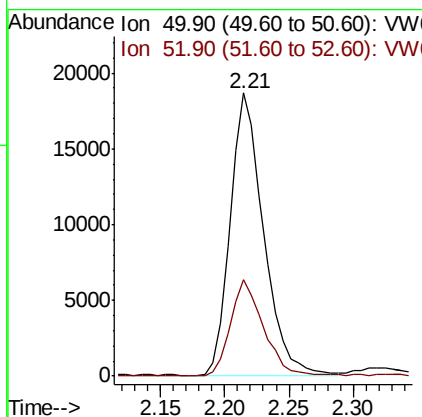
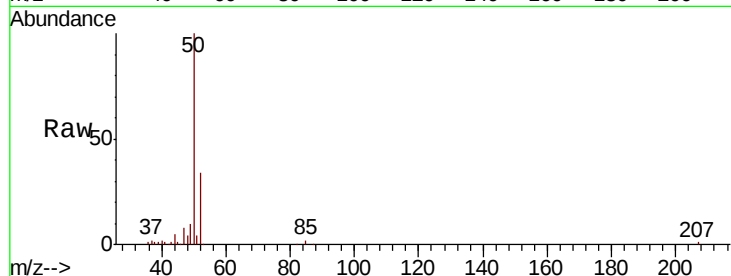
52 34.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 22.173 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006681.D

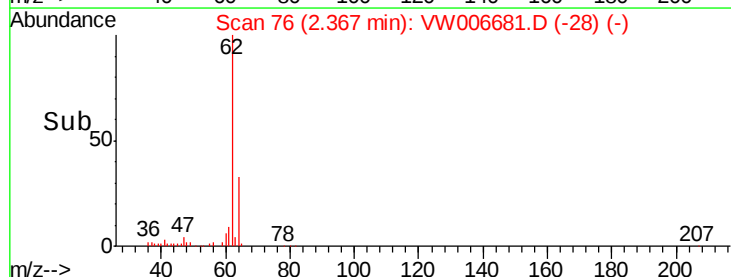
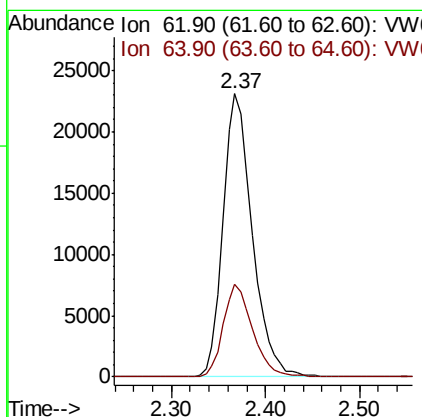
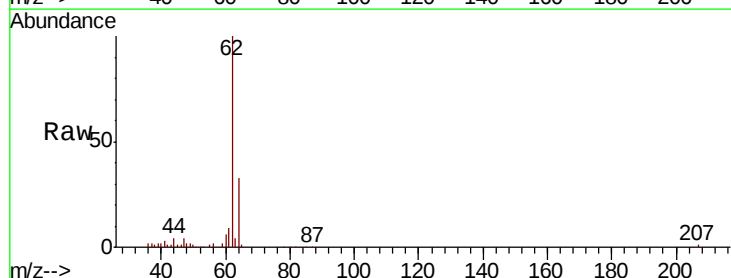
Acq: 06 Nov 2018 13:06

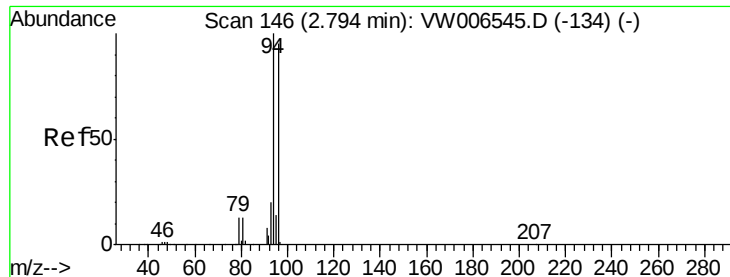
Tgt Ion: 62 Resp: 49761

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 21.738 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 94 Resp: 40941

Ion Ratio Lower Upper

94 100

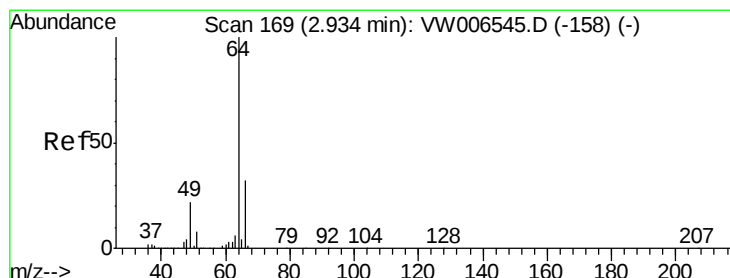
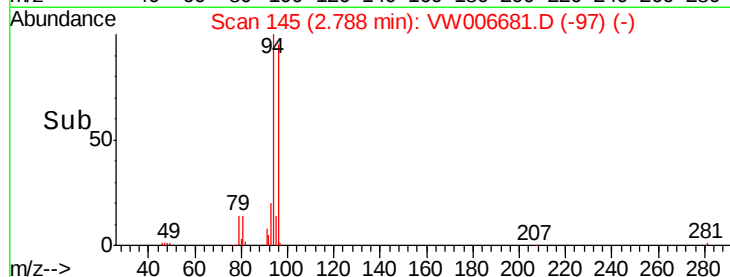
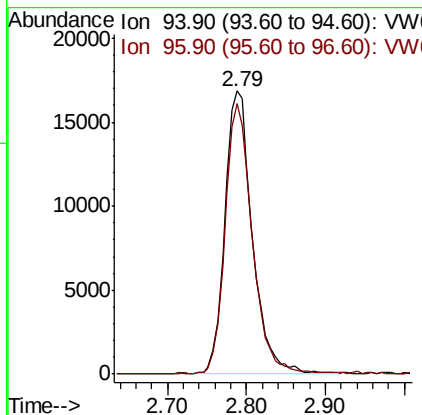
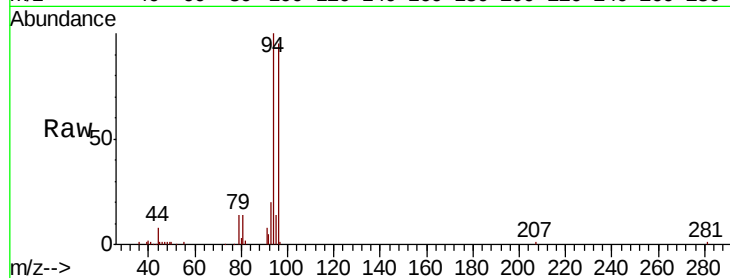
96 95.0 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 21.616 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW006681.D

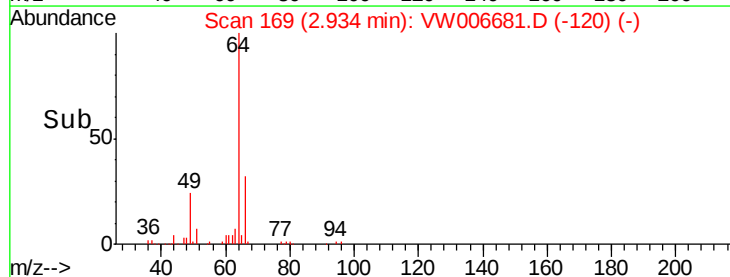
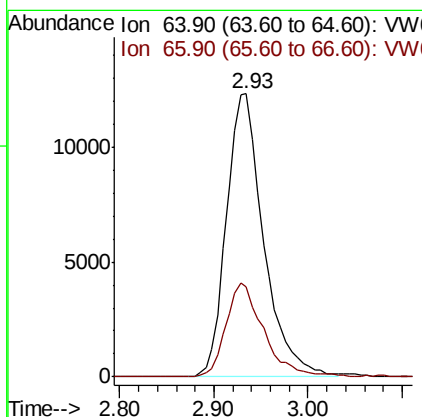
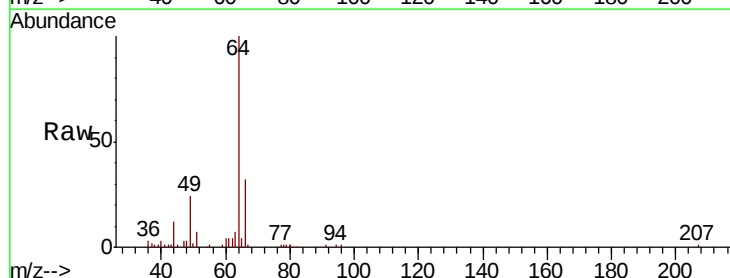
Acq: 06 Nov 2018 13:06

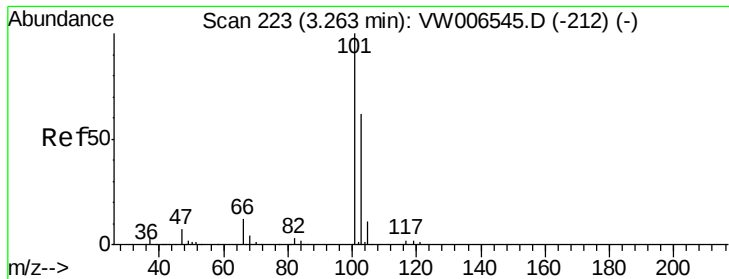
Tgt Ion: 64 Resp: 33895

Ion Ratio Lower Upper

64 100

66 31.6 25.9 38.9





#7

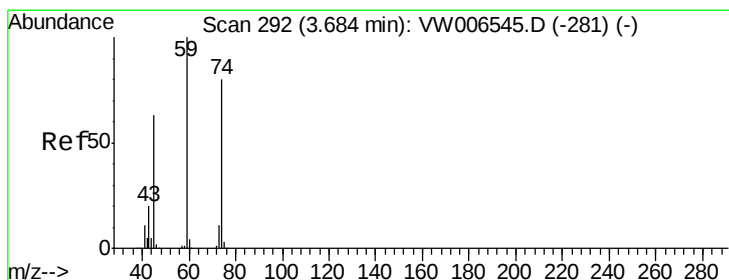
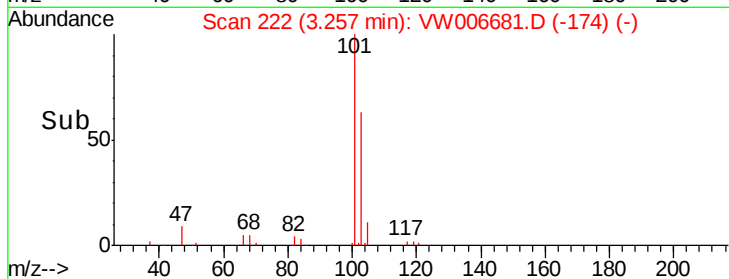
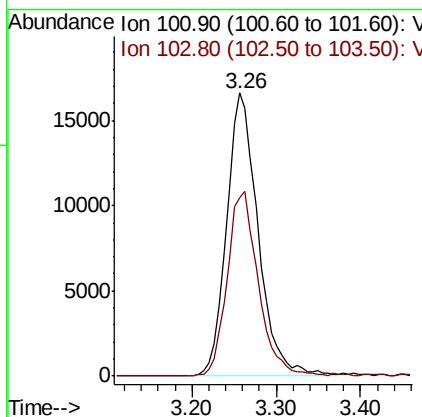
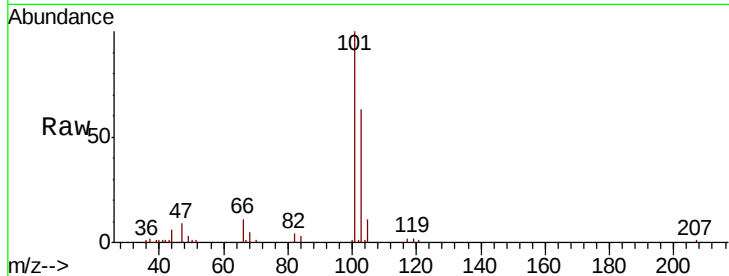
Trichlorofluoromethane
 Concen: 21.306 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Instrument :
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 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	49.8	74.8

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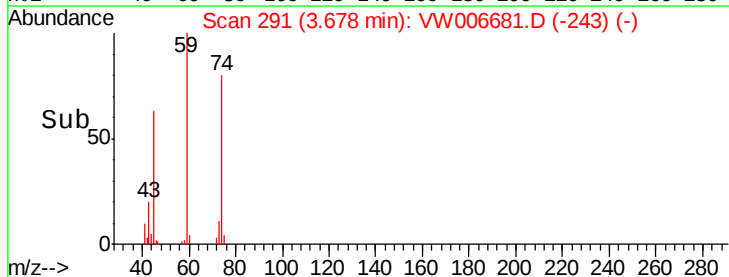
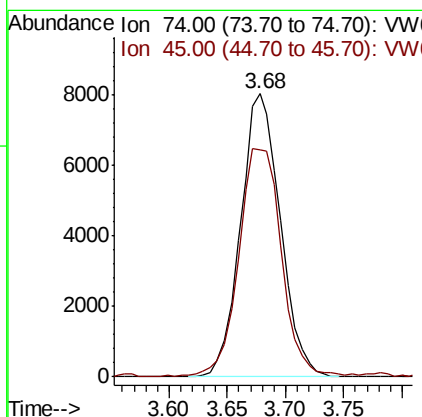
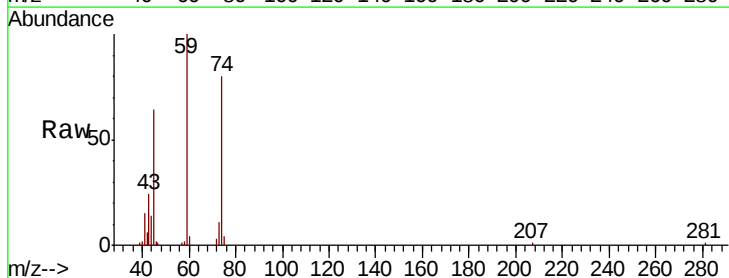
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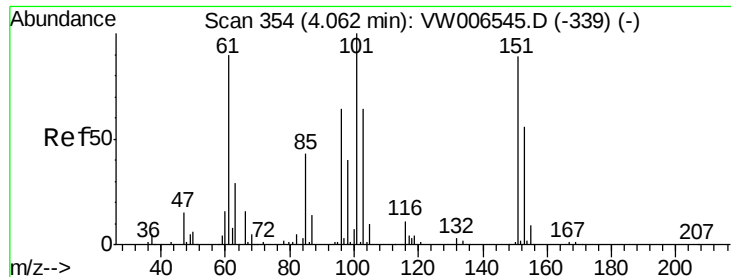


#8

Diethyl Ether
 Concen: 17.638 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.3	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.504 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

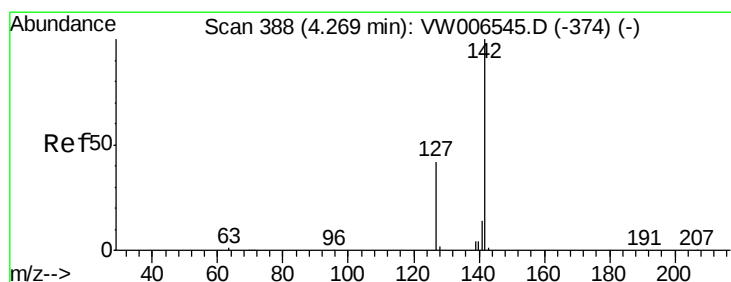
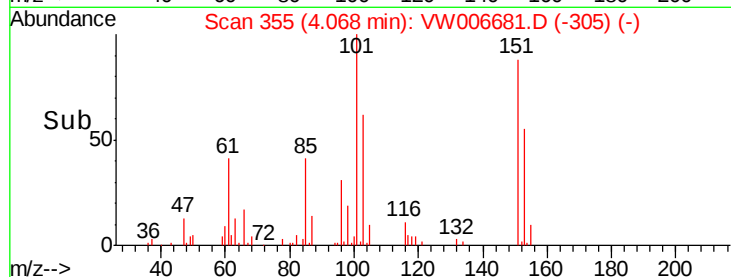
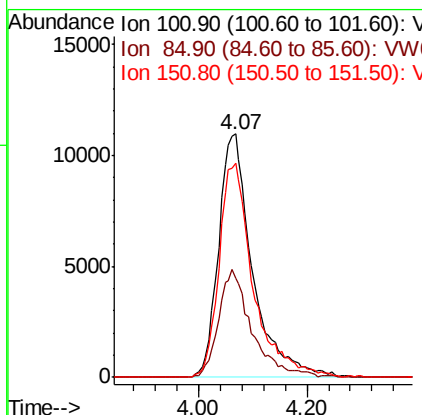
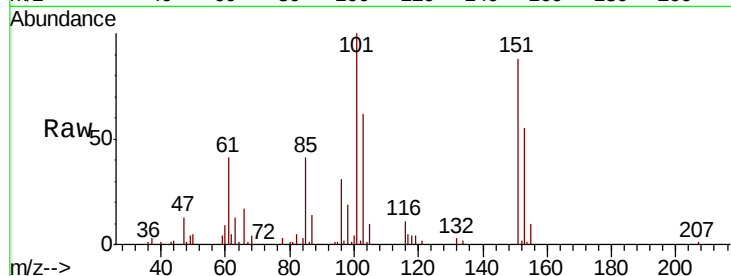
ClientSampled :

VW1106SBS01

Tot Ion:	101	Resp:	47625
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.2	51.2
151	88.5	70.7	106.1

Manual Integrations
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#10

Methyl Iodide

Concen: 19.720 ug/l

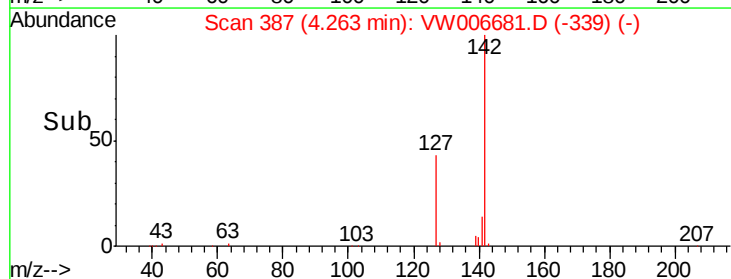
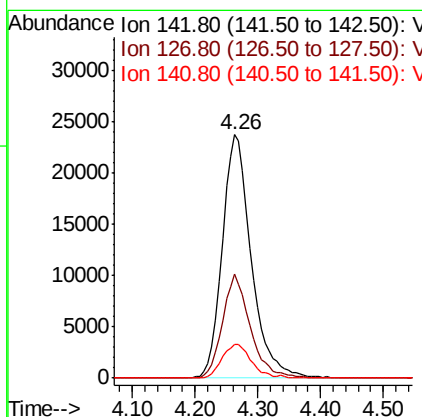
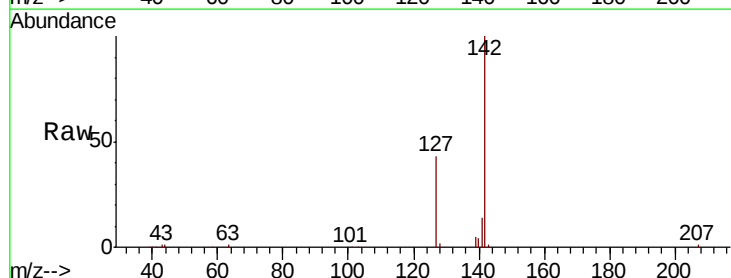
RT: 4.26 min Scan# 387

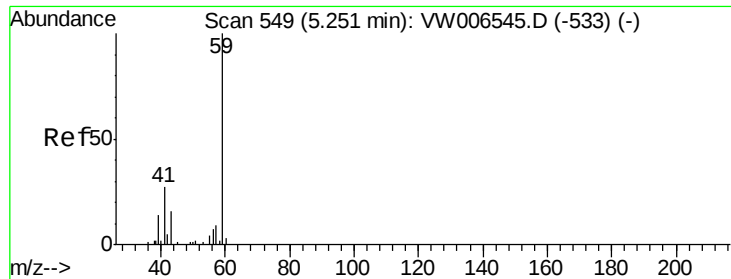
Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Tgt Ion:	142	Resp:	75669
Ion Ratio	Lower	Upper	
142	100		
127	40.9	32.3	48.5
141	14.1	11.3	16.9





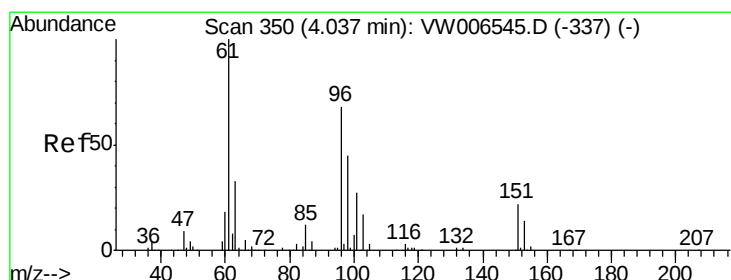
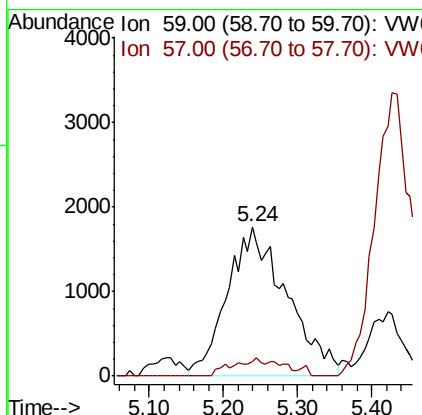
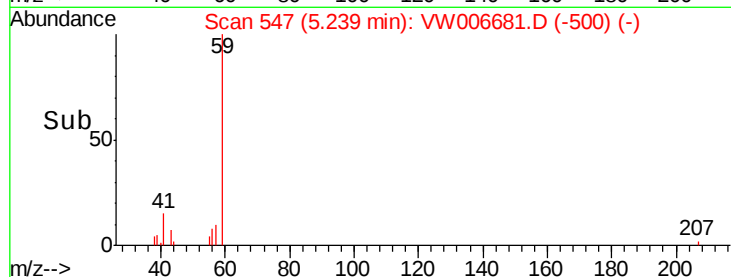
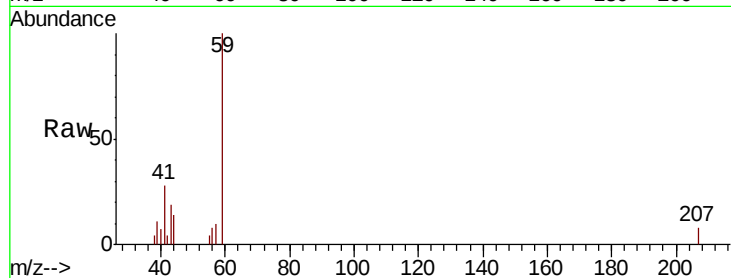
#11
Tert butyl alcohol
Concen: 84.510 ug/l
RT: 5.24 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.3	4.3	6.5

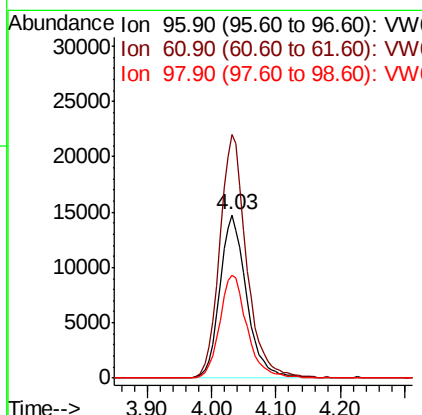
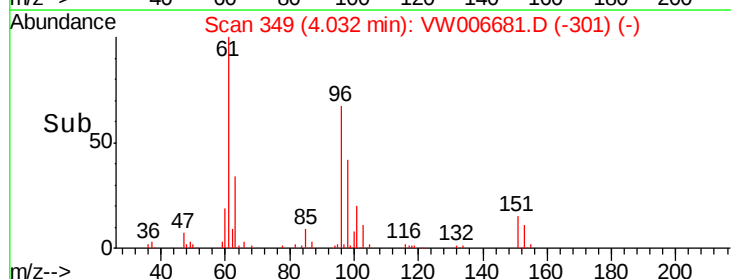
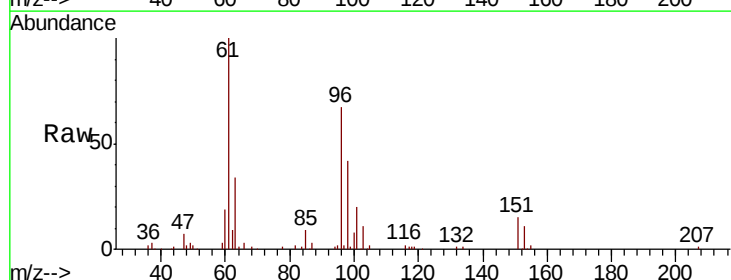
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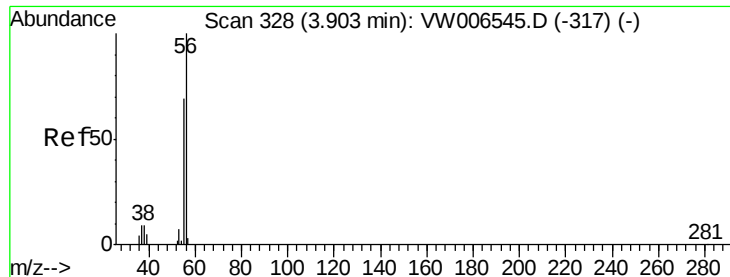
apatel
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#12
1,1-Dichloroethene
Concen: 21.182 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.0	117.0	175.4
98	62.9	52.5	78.7





#13

Acrolein

Concen: 76.455 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 56 Resp: 11160

Ion Ratio Lower Upper

56 100

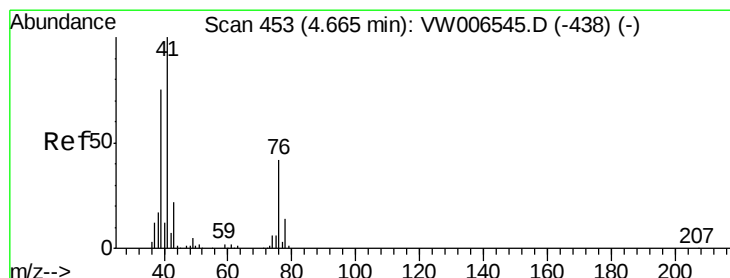
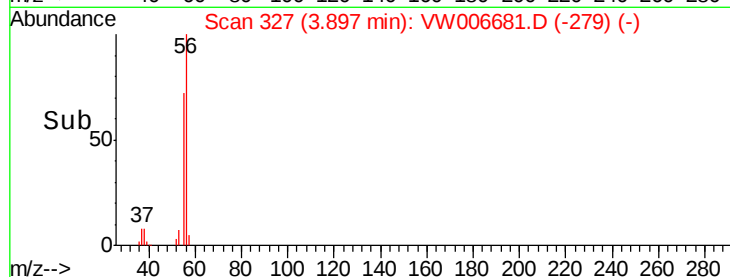
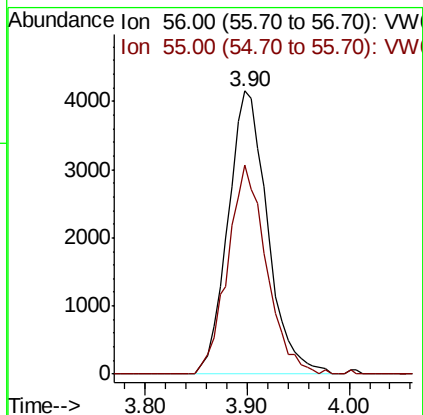
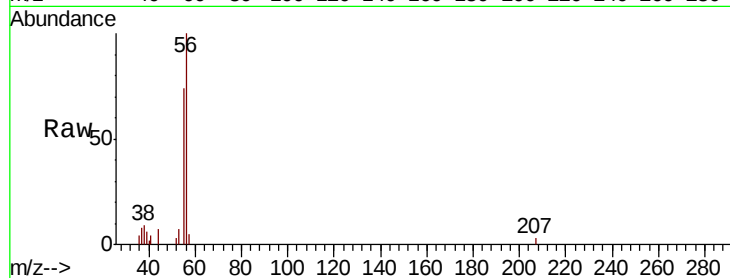
55 72.3 56.9 85.3

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#14

Allyl chloride

Concen: 20.038 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

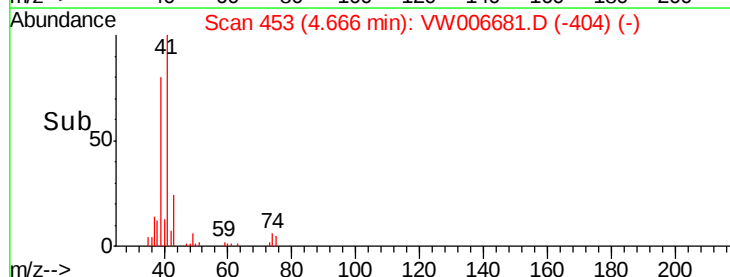
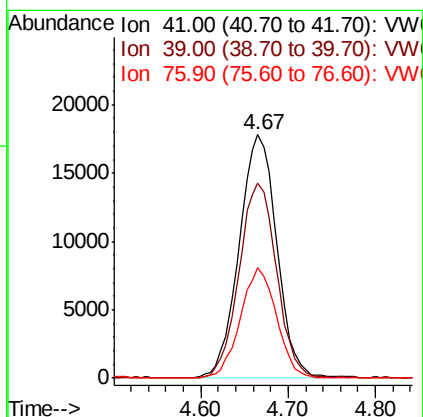
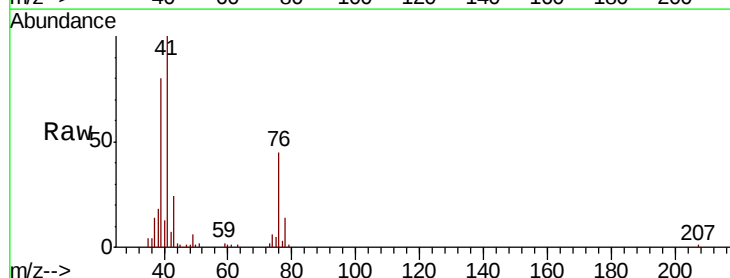
Tgt Ion: 41 Resp: 53462

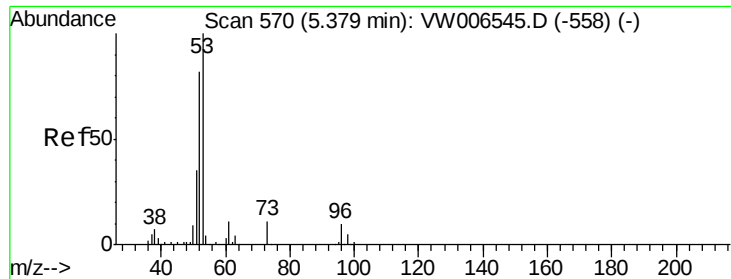
Ion Ratio Lower Upper

41 100

39 79.8 62.1 93.1

76 43.3 34.2 51.2





#15

Acrylonitrile

Concen: 87.939 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

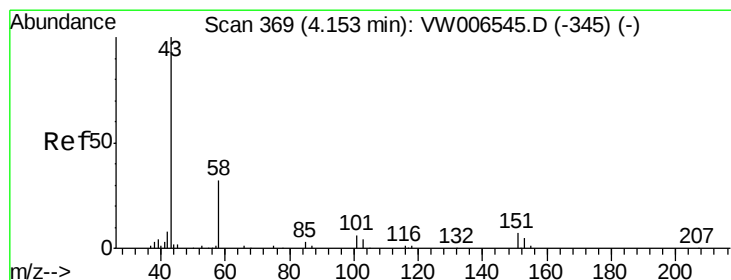
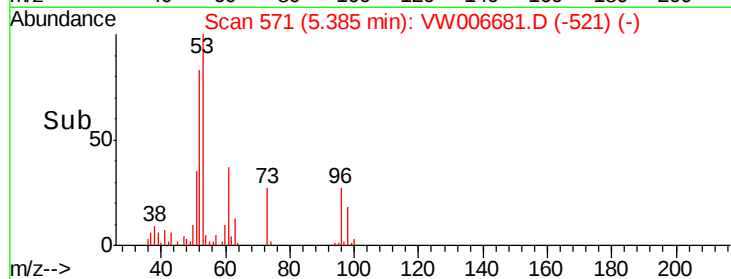
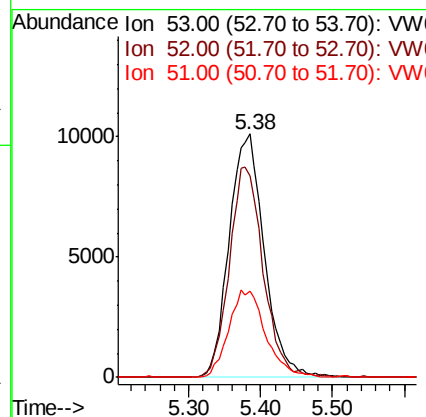
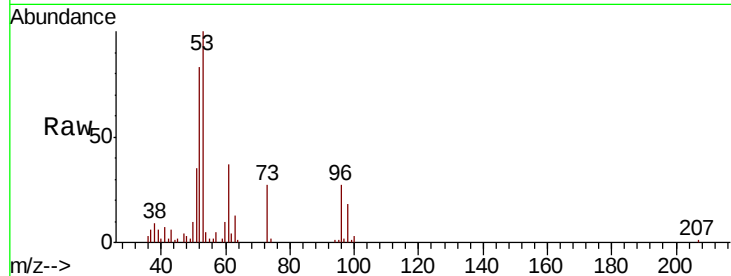
ClientSampled :

VW1106SBS01

Tot Ion:	53	Resp:	34159
Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.8	98.8
51	37.7	29.6	44.4

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#16

Acetone

Concen: 116.808 ug/l

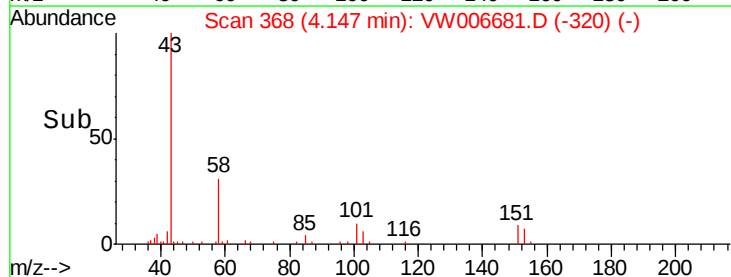
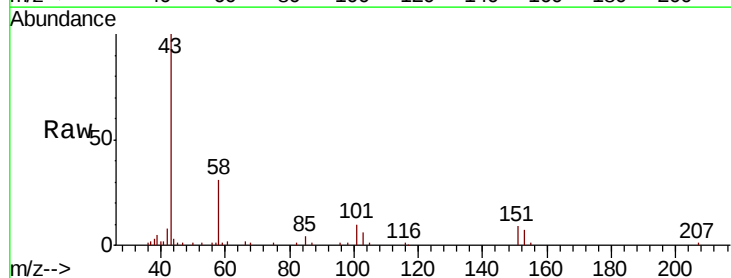
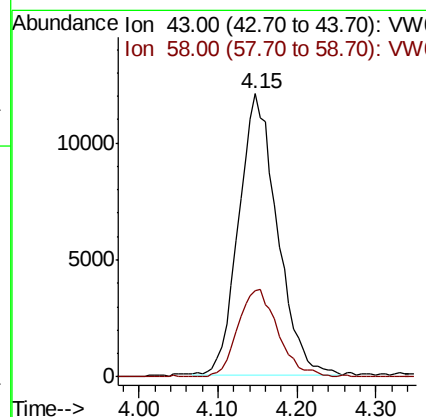
RT: 4.15 min Scan# 368

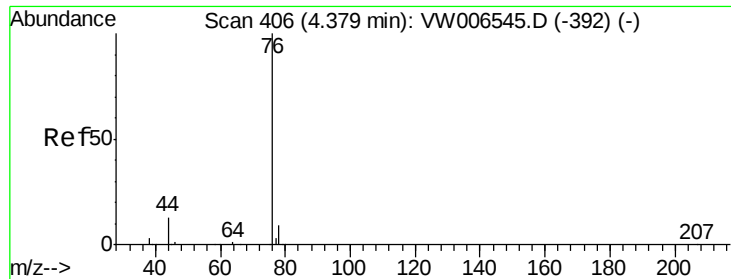
Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Tgt Ion:	43	Resp:	40622
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.8	38.8





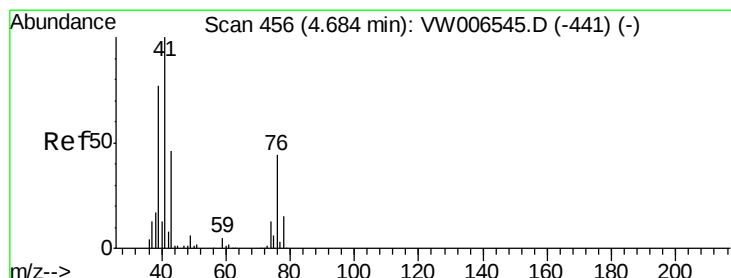
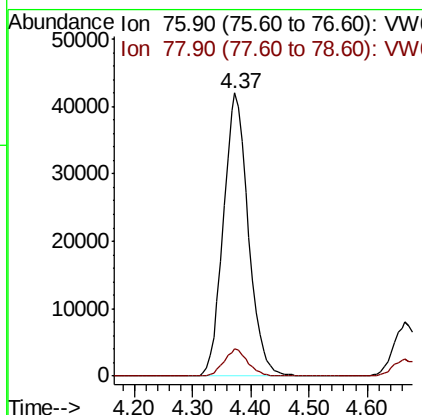
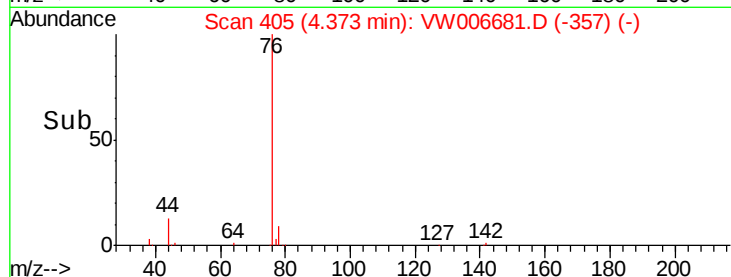
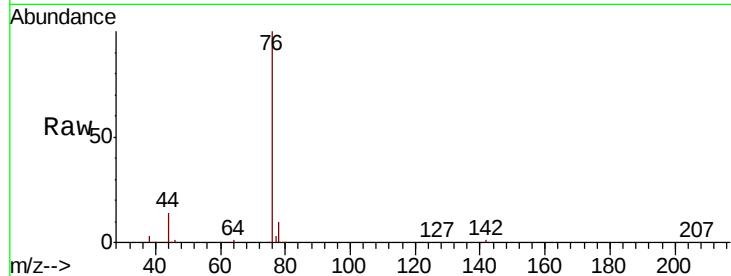
#17
Carbon Disulfide
Concen: 21.498 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion: 76 Resp: 125046
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

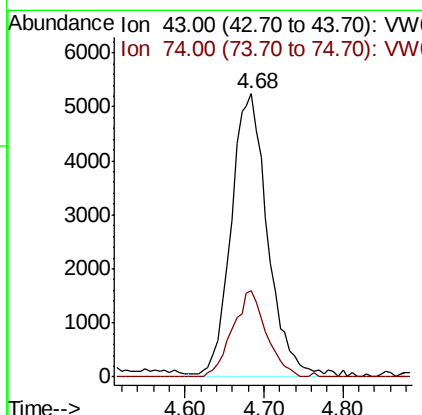
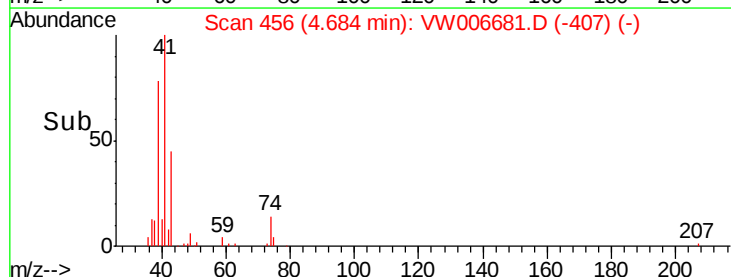
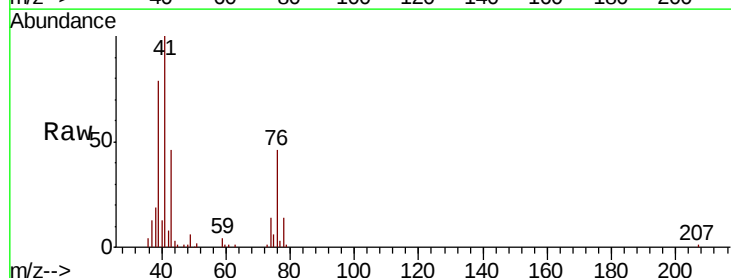
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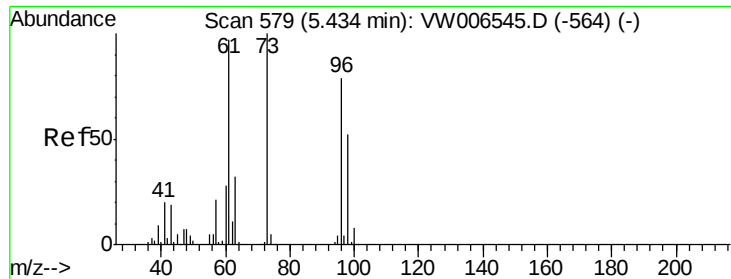
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#18
Methyl Acetate
Concen: 16.944 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 43 Resp: 16944
Ion Ratio Lower Upper
43 100
74 27.9 21.9 32.9





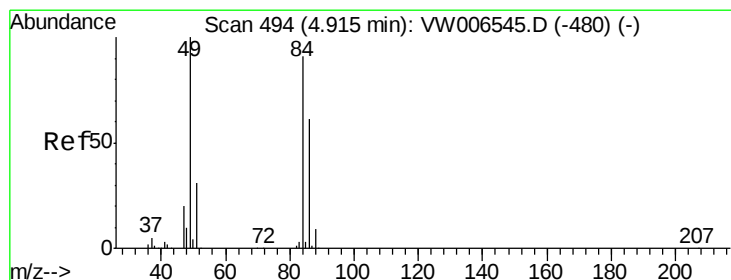
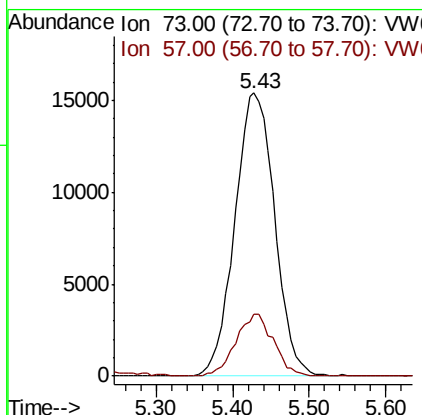
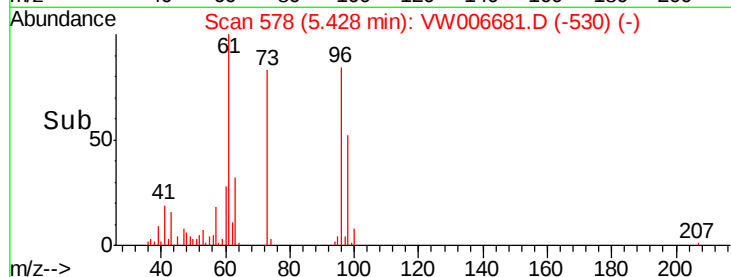
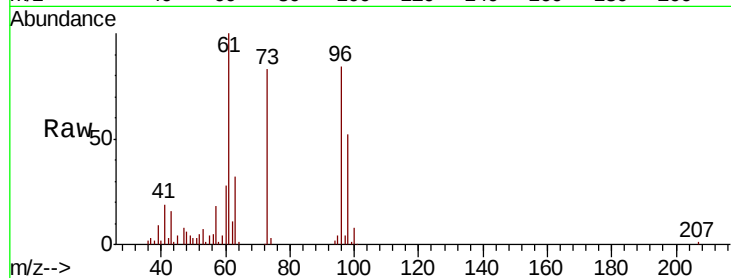
#19
Methyl tert-butyl Ether
Concen: 18.298 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion: 73 Resp: 55671
Ion Ratio Lower Upper
73 100
57 21.8 16.7 25.1

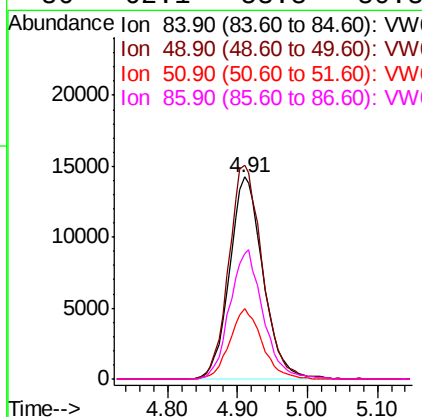
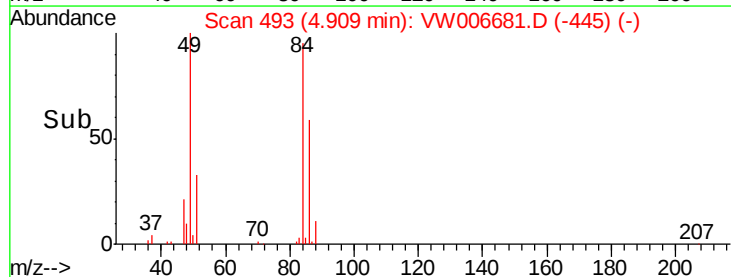
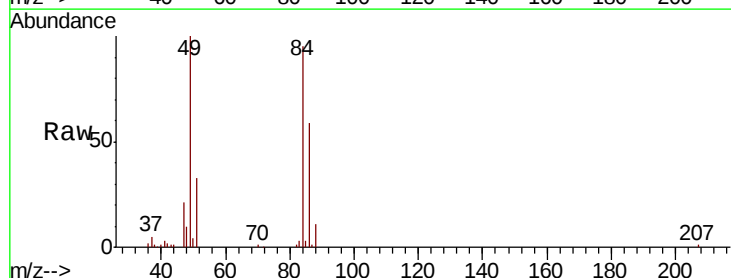
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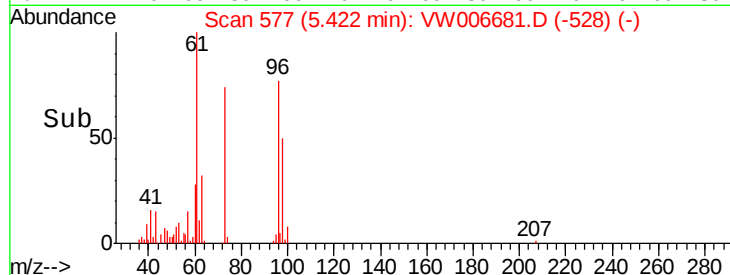
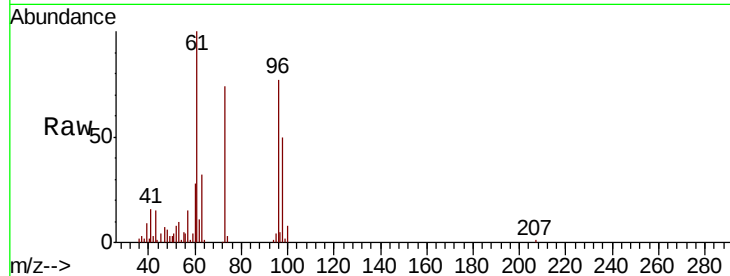
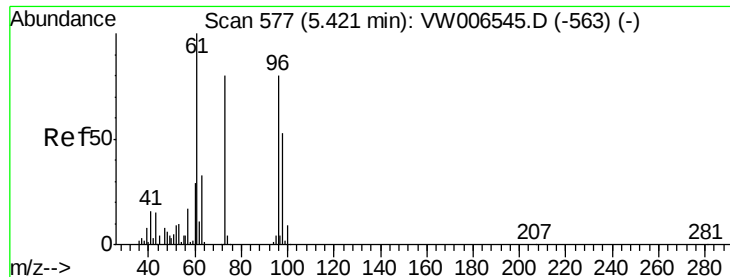
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#20
Methylene Chloride
Concen: 17.027 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 84 Resp: 47253
Ion Ratio Lower Upper
84 100
49 105.7 88.2 132.4
51 34.5 27.0 40.6
86 62.1 53.8 80.8





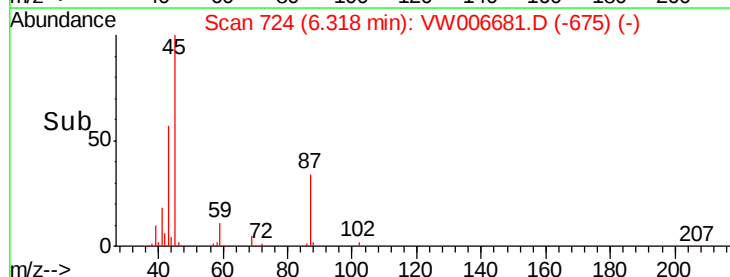
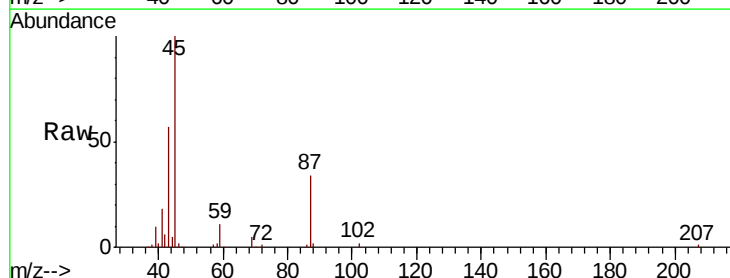
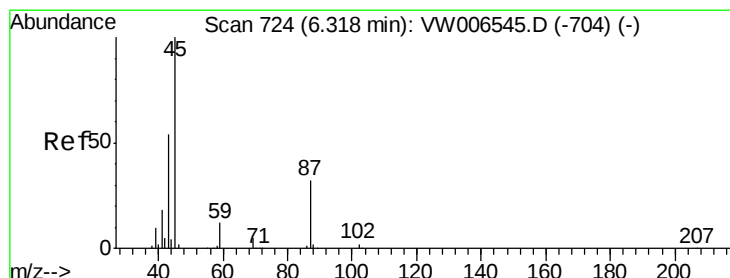
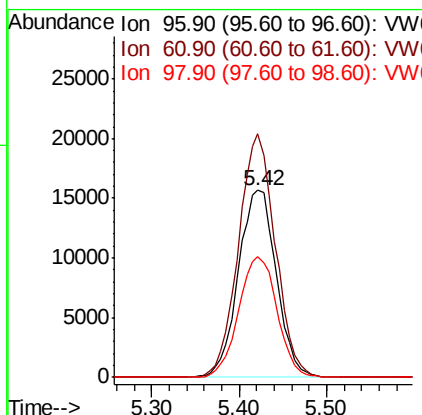
#21
trans-1,2-Dichloroethene
Concen: 20.468 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	100.6	150.8
98	64.4	52.9	79.3

Instrument :
MSVOA_W
ClientSampled :
VW1106SBS01

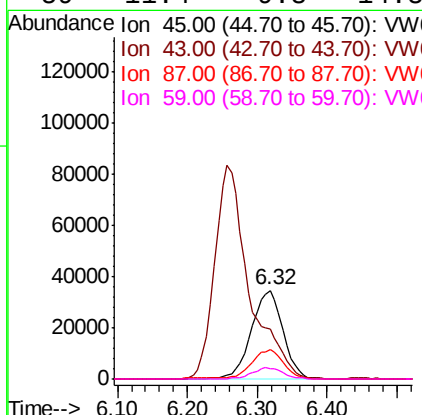
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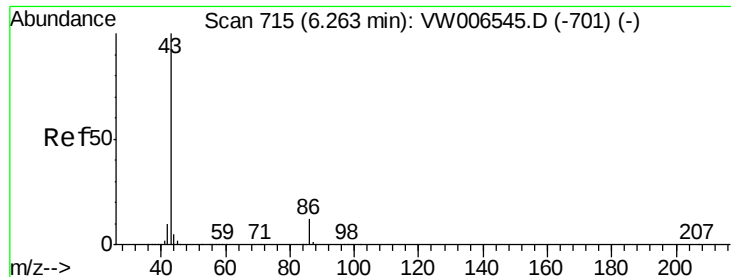
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#22
Diisopropyl ether
Concen: 19.499 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.1	43.6	65.4
87	33.9	26.3	39.5
59	11.4	9.8	14.8





#23

Vinyl Acetate

Concen: 92.867 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 43 Resp: 286450

Ion Ratio Lower Upper

43 100

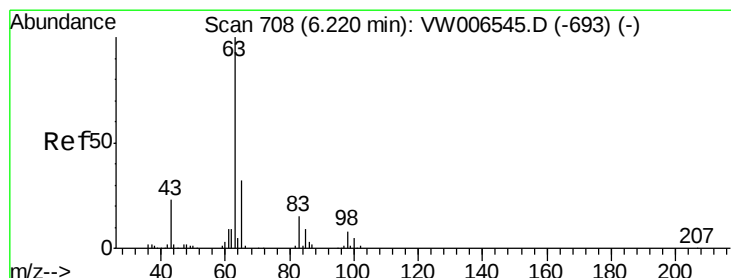
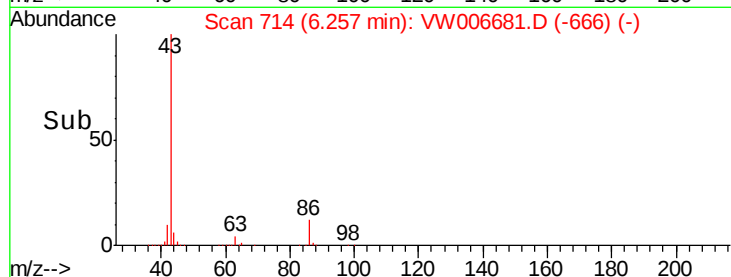
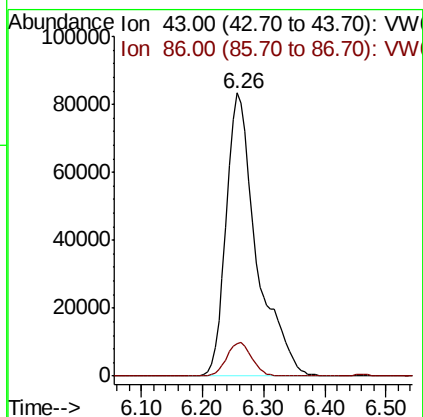
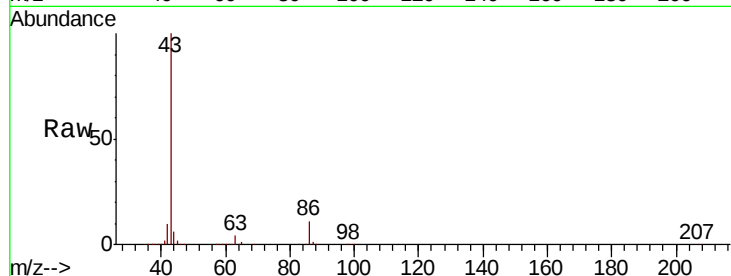
86 11.5 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 20.190 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

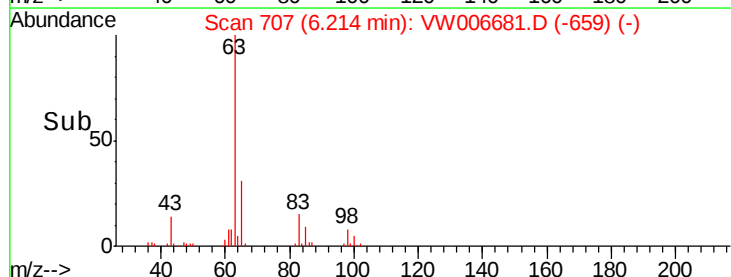
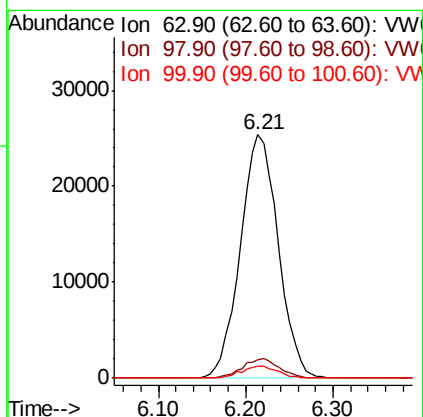
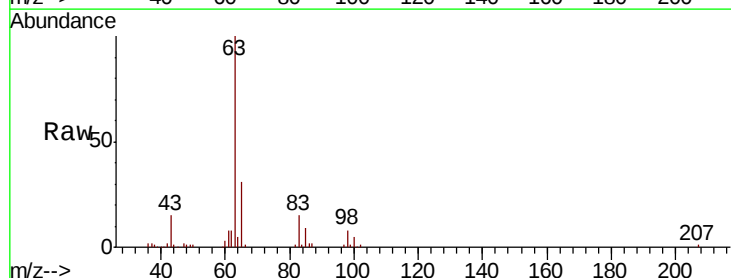
Tgt Ion: 63 Resp: 76109

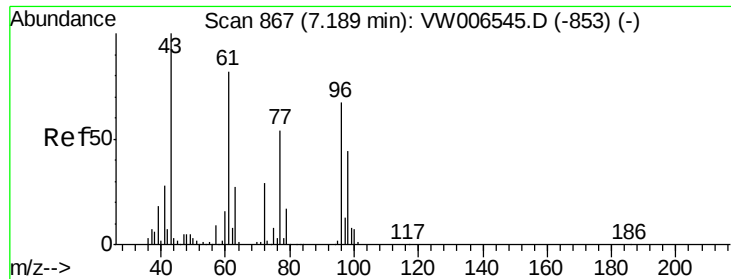
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 98.334 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

VW1106SBS01

Tot Ion: 43 Resp: 48798

Ion Ratio Lower Upper

43 100

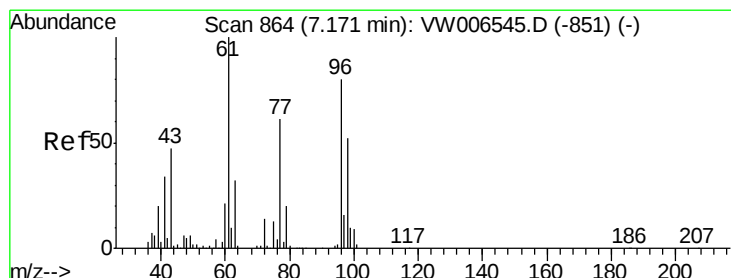
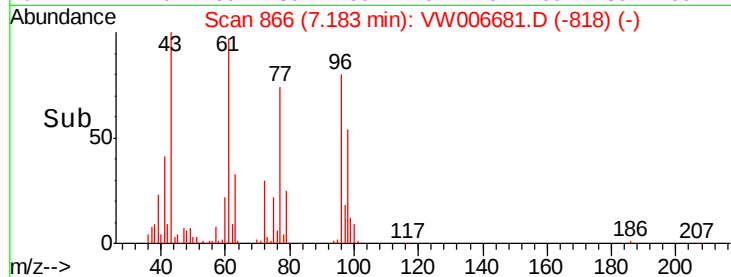
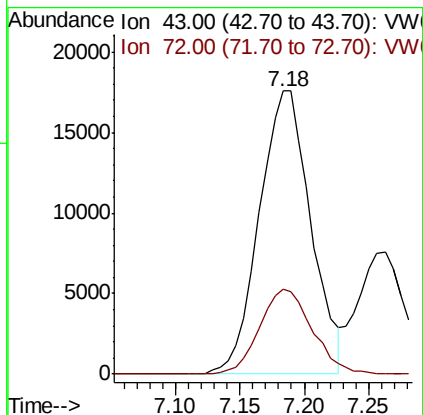
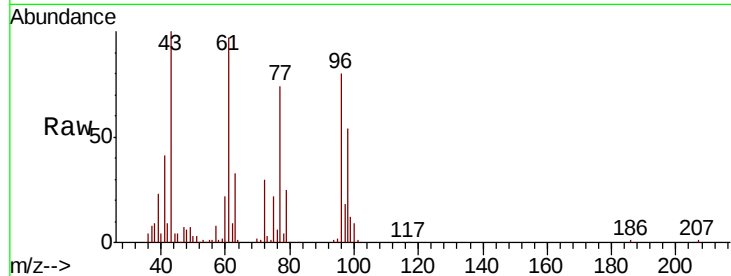
72 29.9 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 22.999 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006681.D

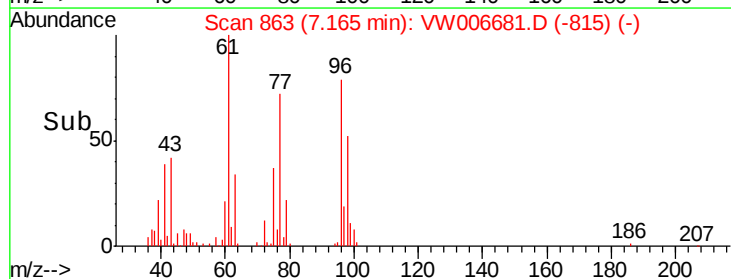
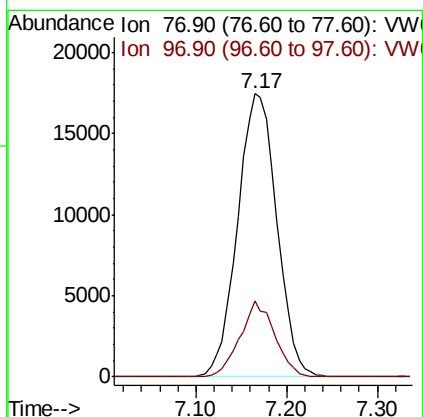
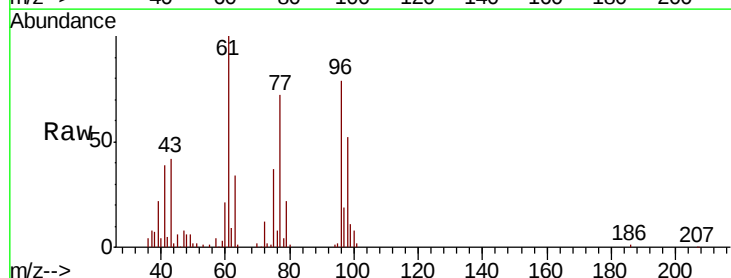
Acq: 06 Nov 2018 13:06

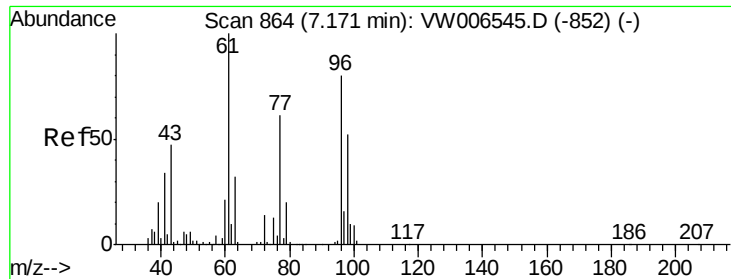
Tgt Ion: 77 Resp: 52227

Ion Ratio Lower Upper

77 100

97 23.7 12.8 38.4





#27

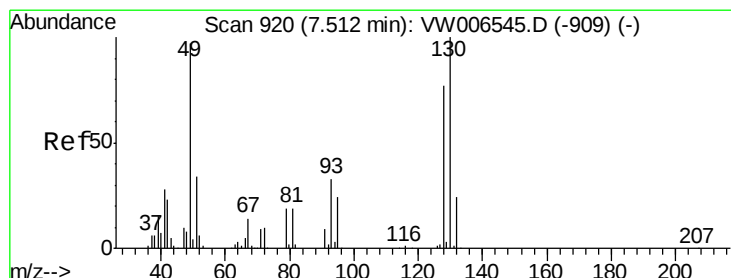
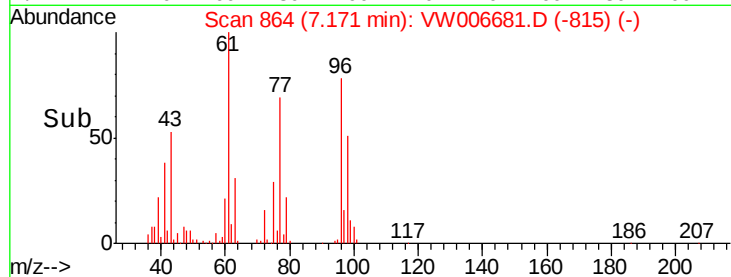
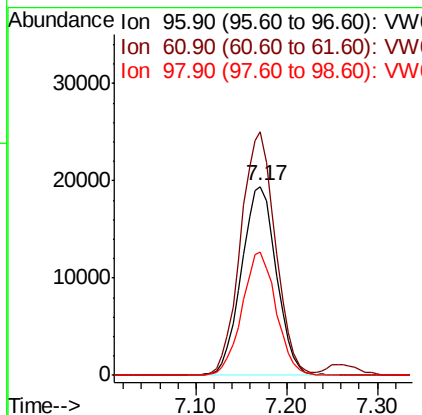
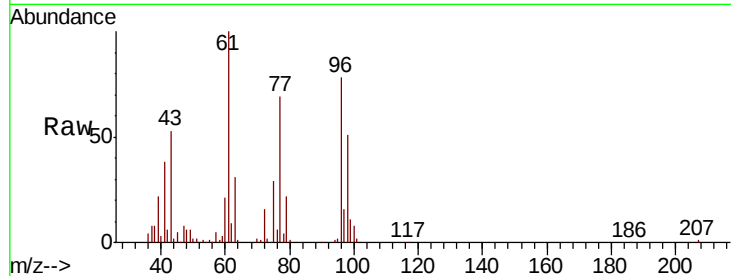
cis-1,2-Dichloroethene
Concen: 20.054 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	254.2
98	63.3	0.0	129.6

Manual Integrations
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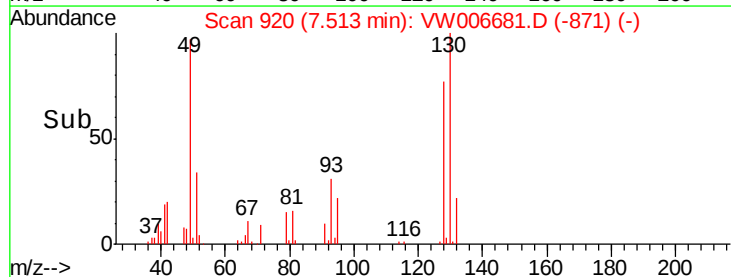
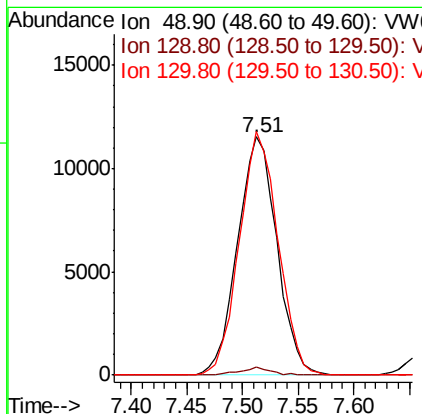
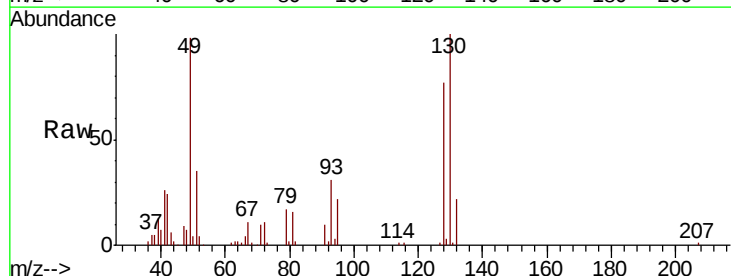
apatel
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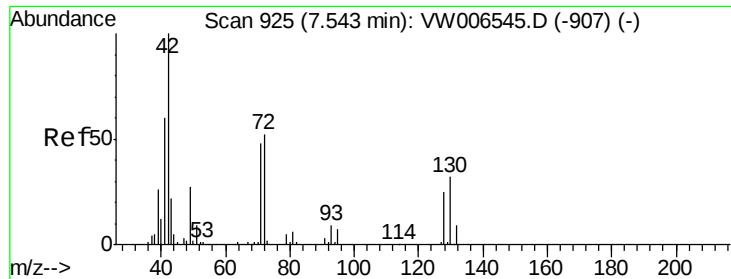


#28

Bromochloromethane
Concen: 18.866 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	100.4	82.2	123.2





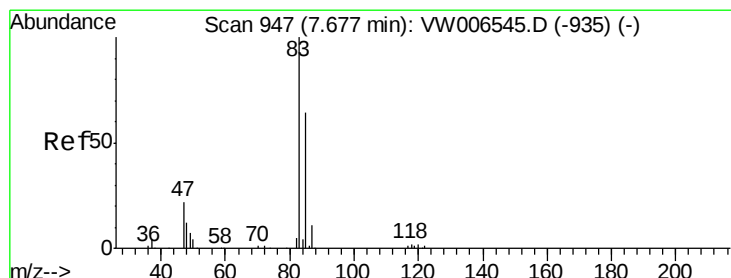
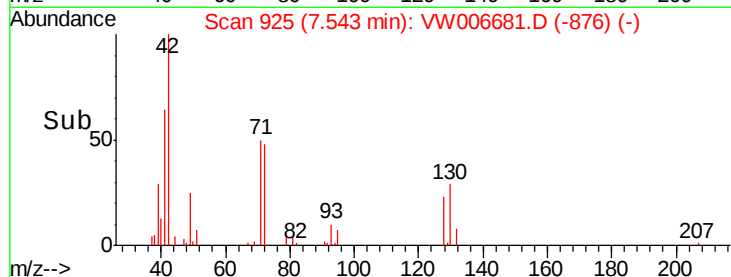
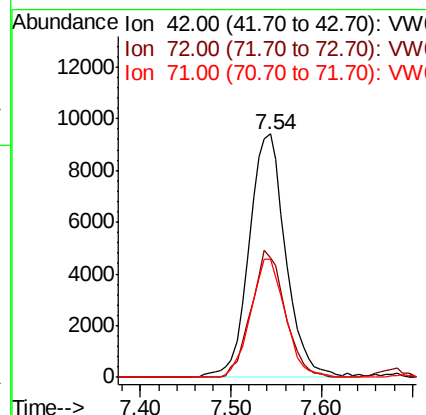
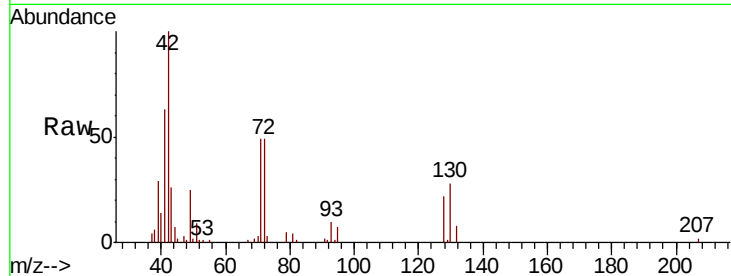
#29
Tetrahydrofuran
Concen: 84.001 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	39.2	58.8
71	46.1	37.6	56.4

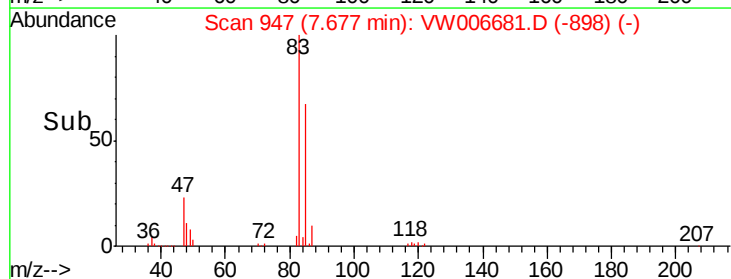
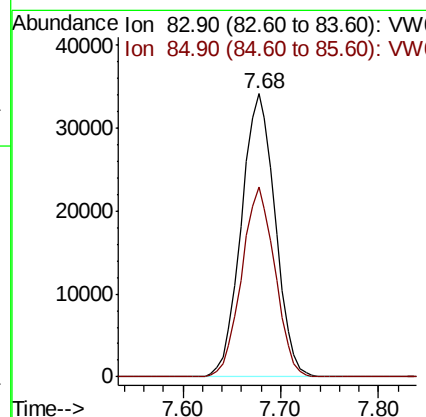
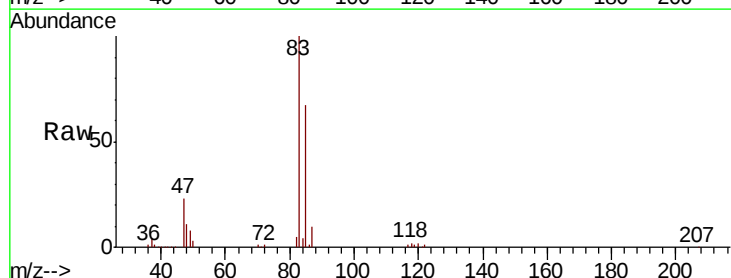
Manual Integrations
APPROVED

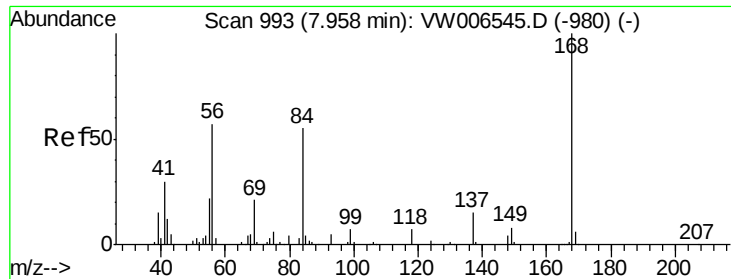
apatel
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#30
Chloroform
Concen: 19.834 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.3	76.9





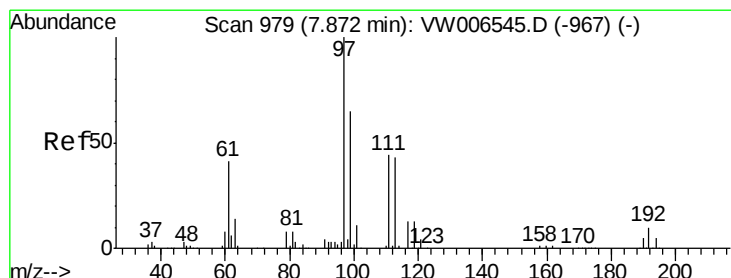
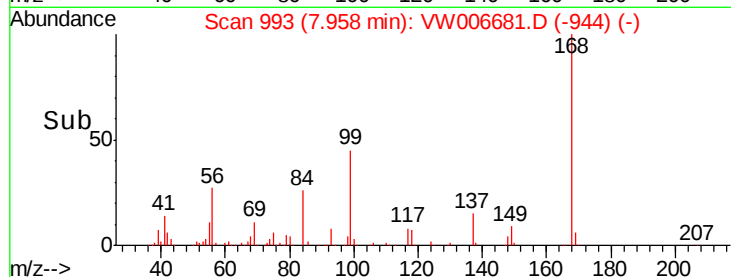
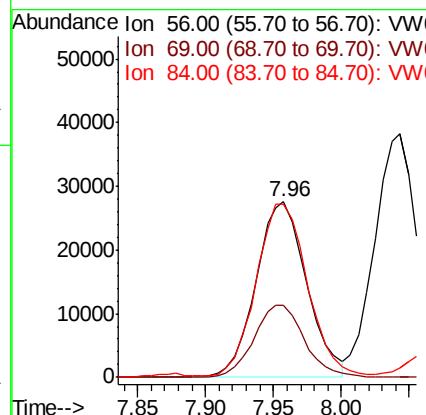
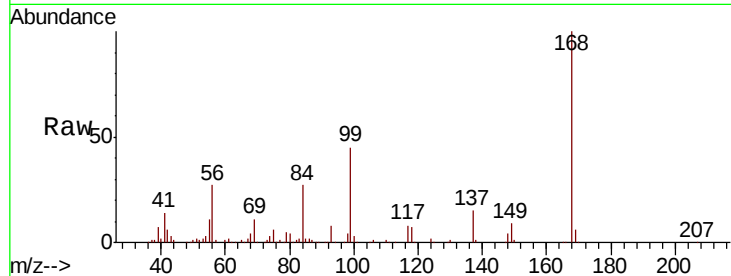
#31
Cvclohexane
Concen: 20.913 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampled :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.9	29.0	43.4
84	98.3	77.8	116.6

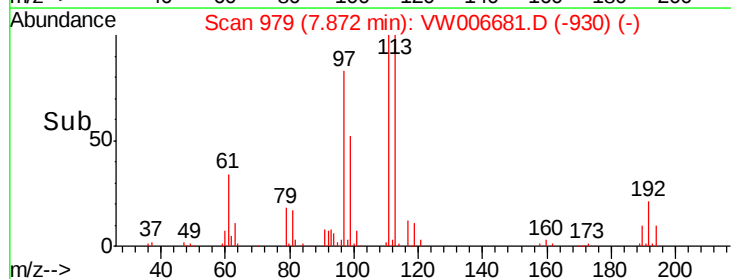
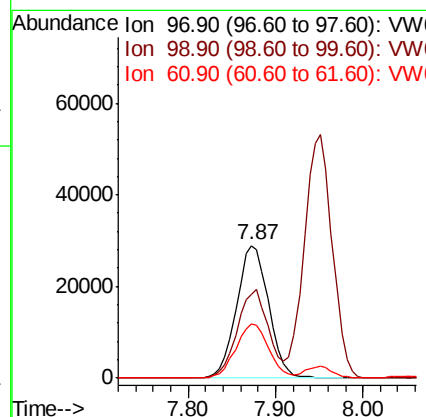
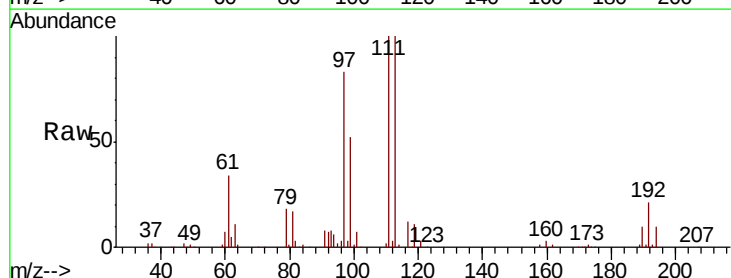
Manual Integrations
APPROVED

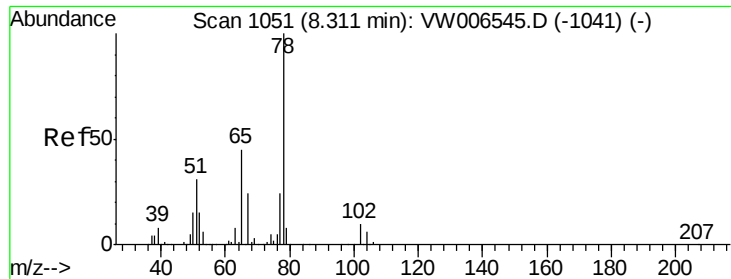
apatel
11/7/2018 2:06:10 PM



#32
1,1,1-Trichloroethane
Concen: 21.068 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.7	77.5
61	41.8	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 48.423 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 65 Resp: 104305

Ion Ratio Lower Upper

65 100

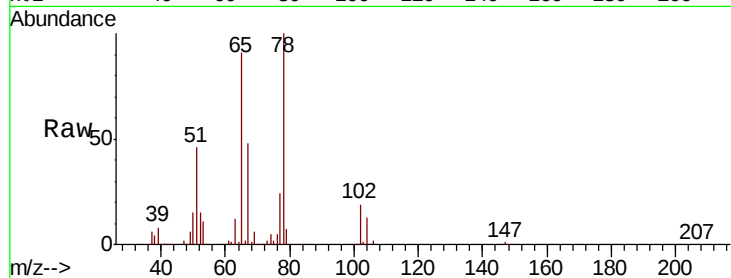
67 53.7 0.0 104.4

Manual Integrations

APPROVED

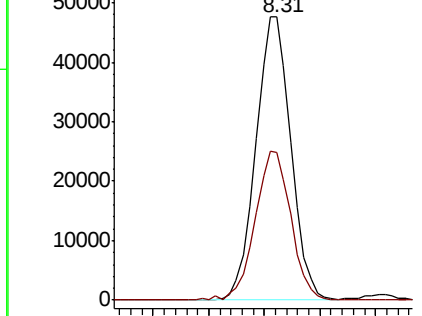
apatel

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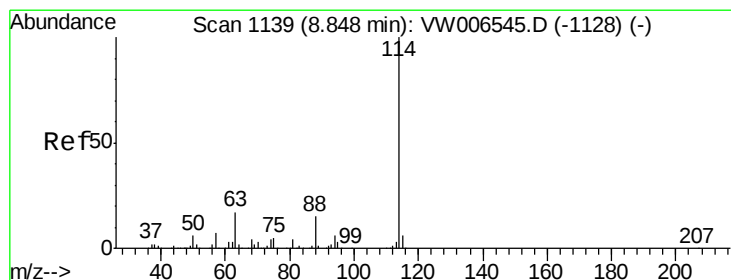
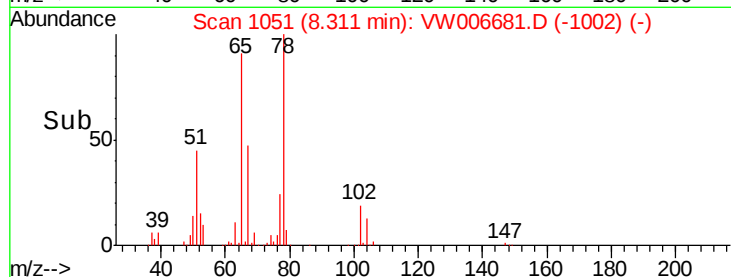


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

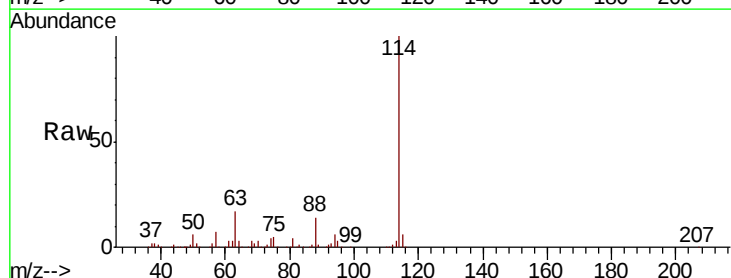
Tgt Ion: 114 Resp: 346790

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.4

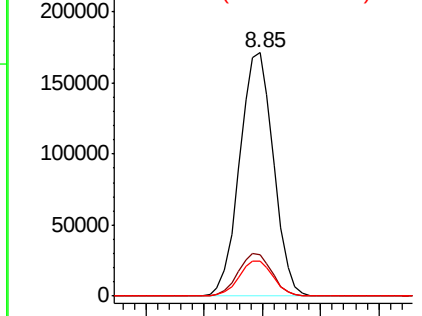
88 14.3 0.0 29.0



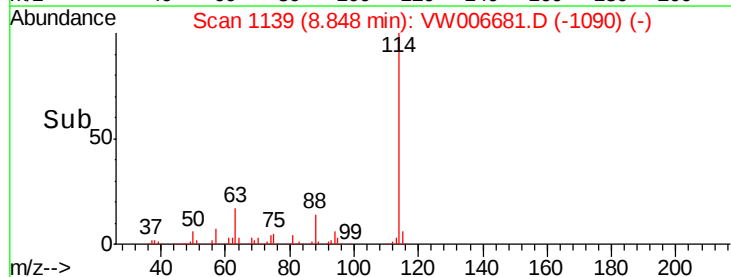
Abundance Ion 113.90 (113.60 to 114.60): V

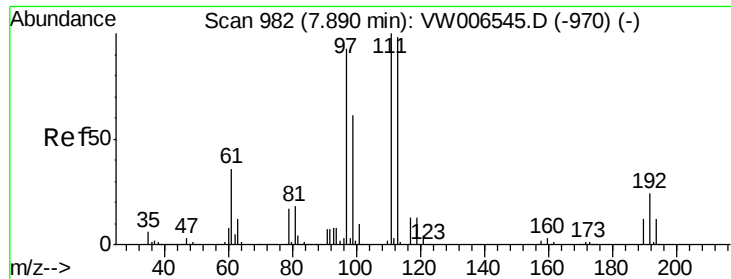
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time-->





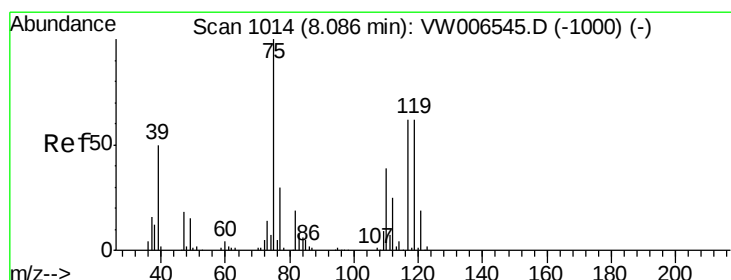
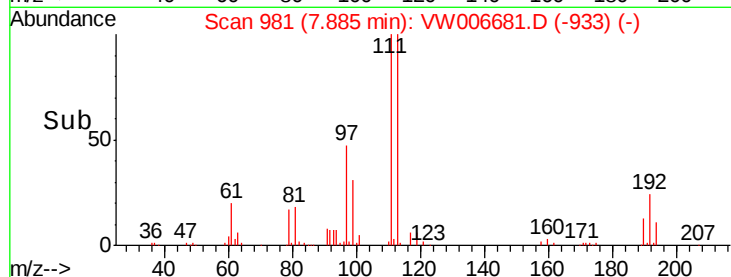
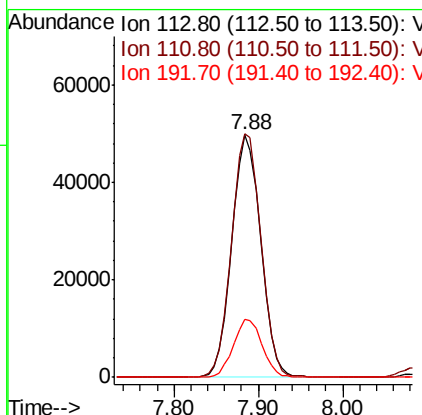
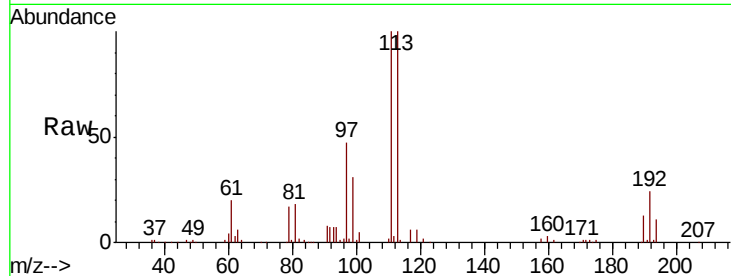
#35
 Dibromofluoromethane
 Concen: 53.186 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.1	82.2	123.2	
192	23.6	19.0	28.6	

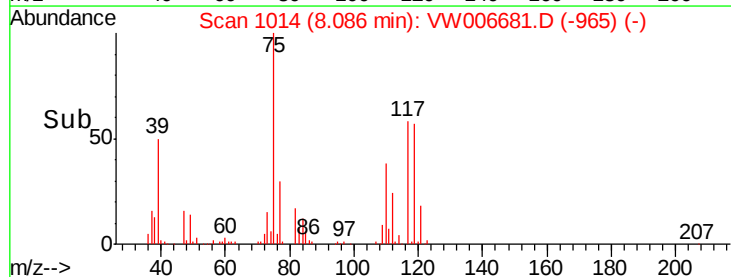
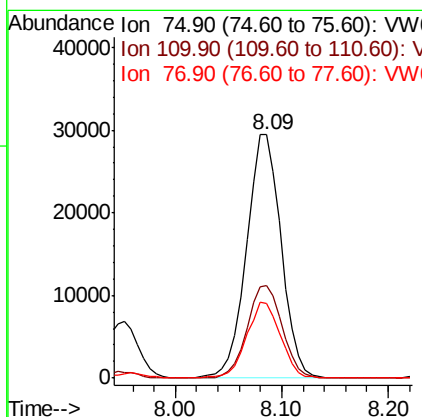
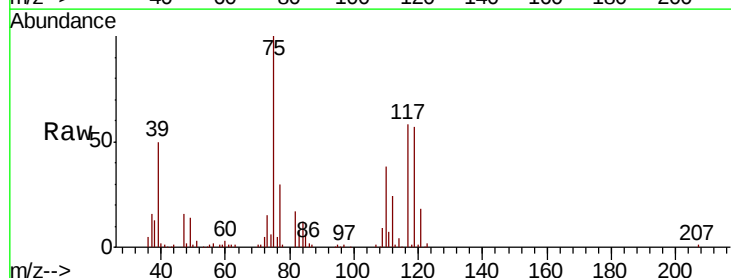
Manual Integrations
 APPROVED

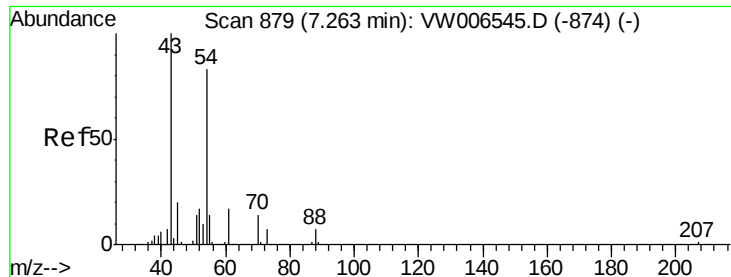
apatel
 11/7/2018 2:06:10 PM



#36
 1,1-Dichloropropene
 Concen: 22.065 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.3	19.5	58.5	
77	30.7	24.6	37.0	





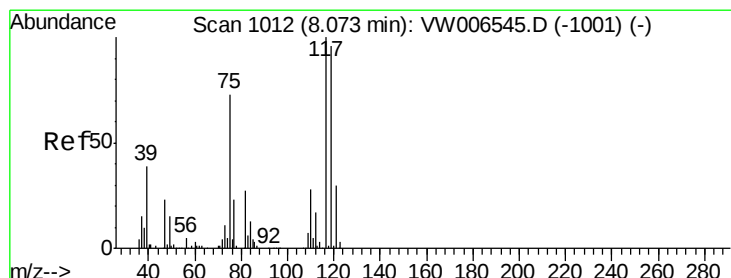
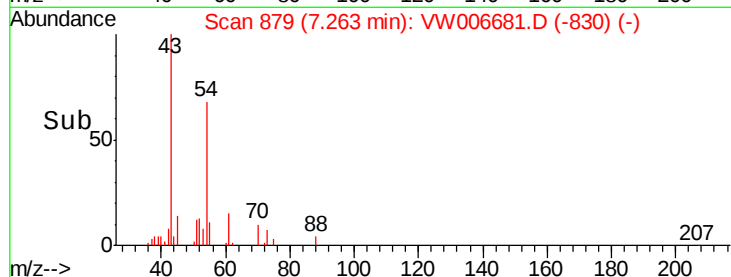
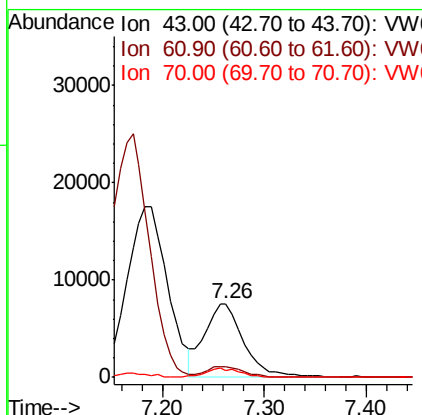
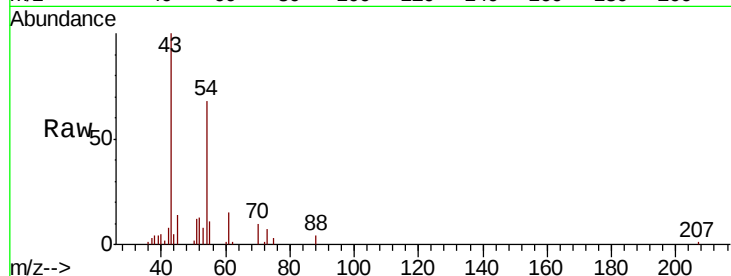
#37
Ethyl Acetate
Concen: 19.377 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.1	18.1
70	11.0	9.8	14.6

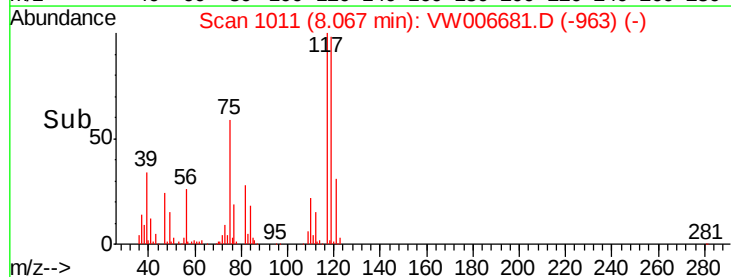
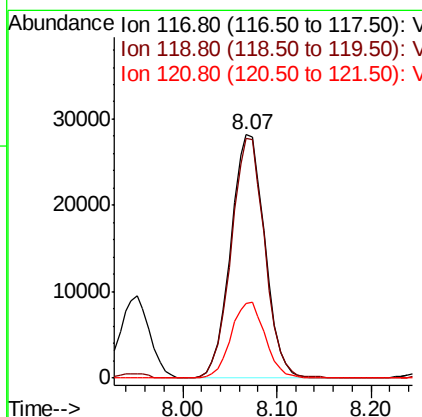
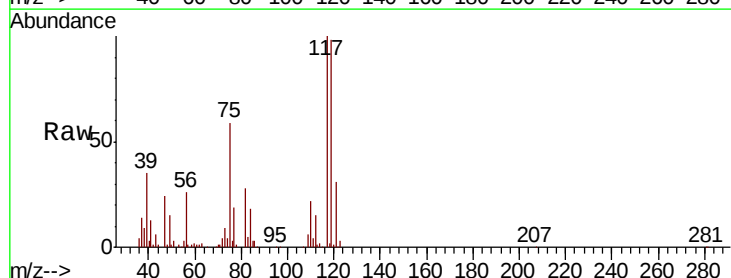
Manual Integrations
APPROVED

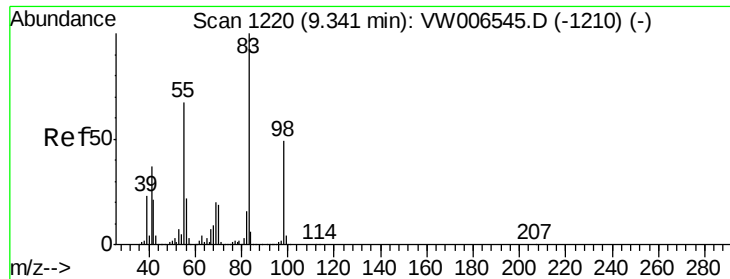
apatel
11/7/2018 2:06:10 PM



#38
Carbon Tetrachloride
Concen: 22.329 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.3	114.5
121	30.9	24.1	36.1





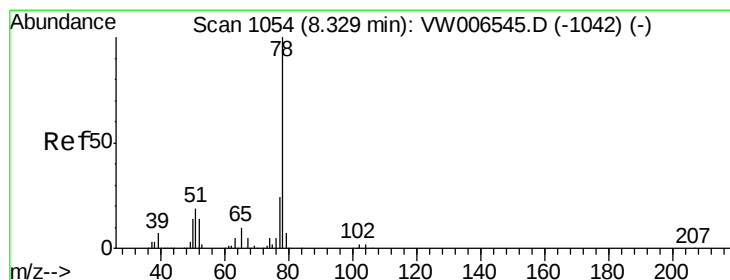
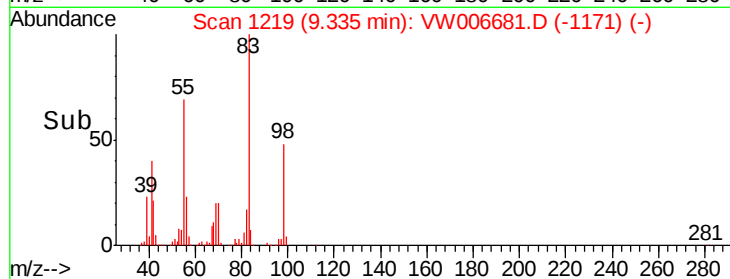
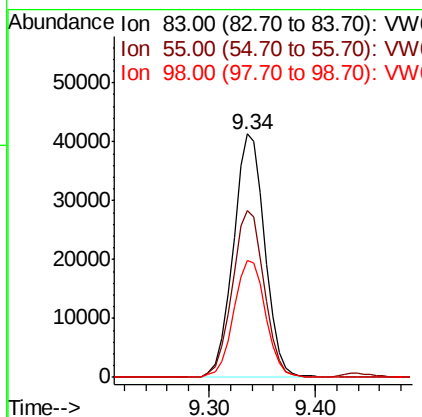
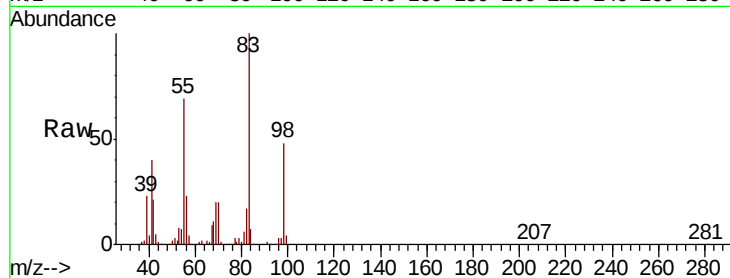
#39
Methvlcvclohexane
Concen: 22.041 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.6	53.7	80.5
98	47.8	39.2	58.8

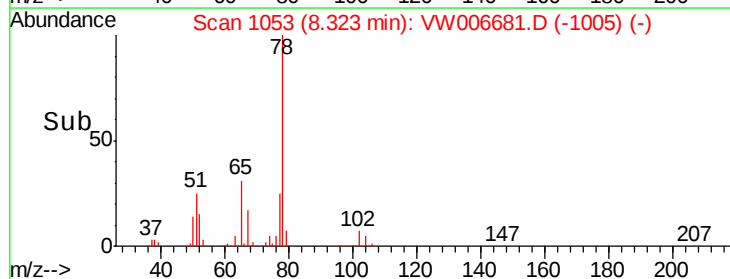
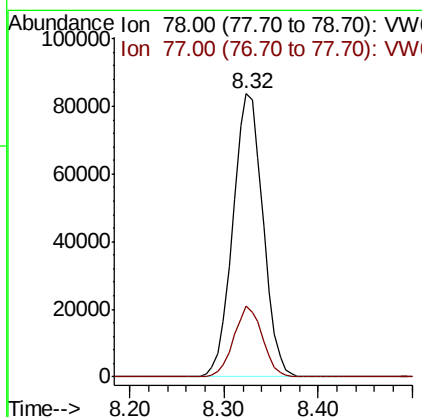
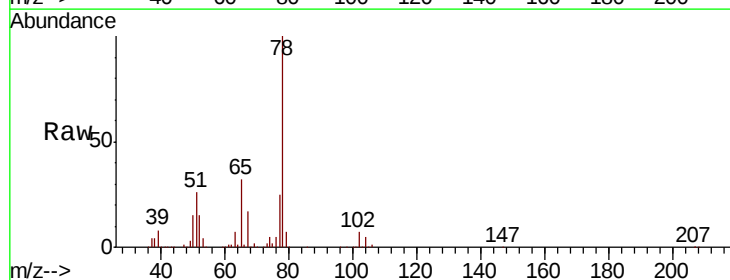
Manual Integrations
APPROVED

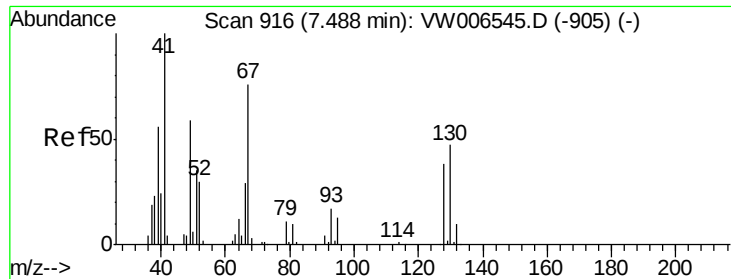
apatel
11/7/2018 2:06:10 PM



#40
Benzene
Concen: 21.474 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8





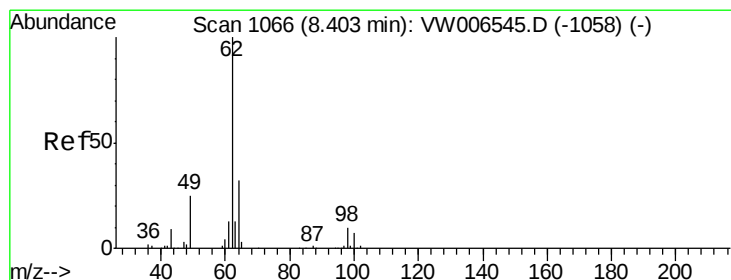
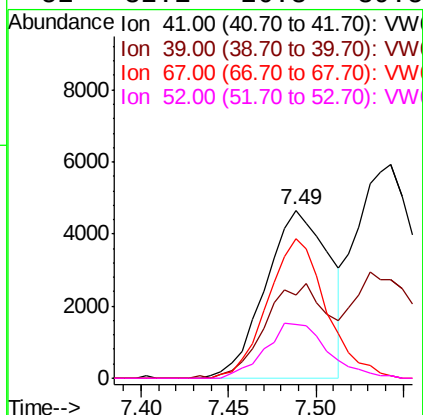
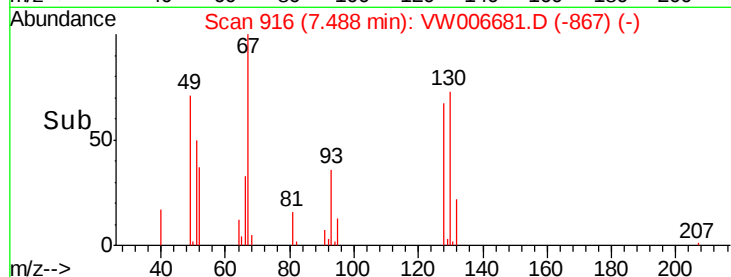
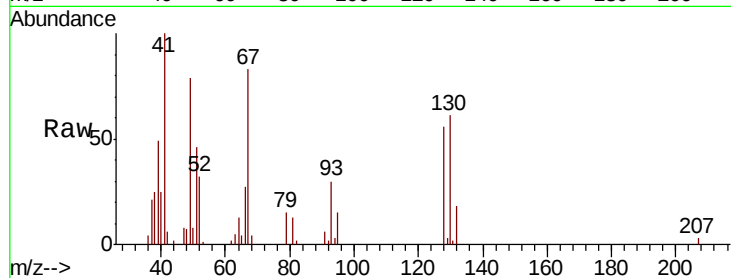
#41
Methacrylonitrile
Concen: 18.312 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion:	41	Resp:	11867
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.5	66.7
67	76.3	63.8	95.8
52	32.1	26.3	39.5

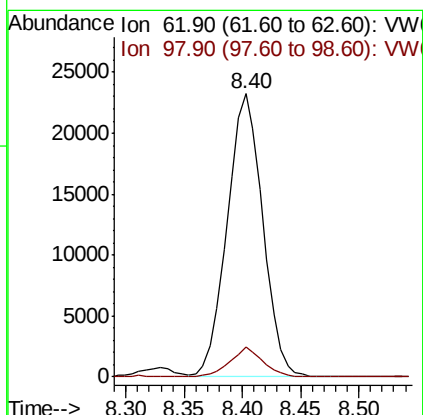
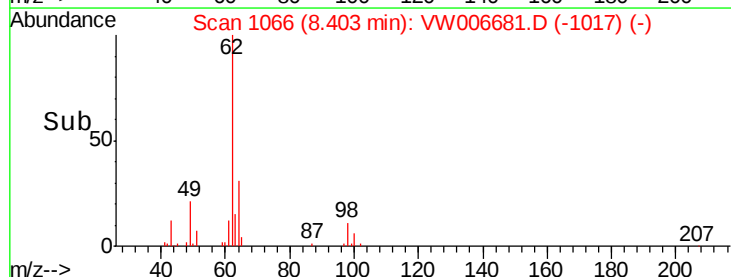
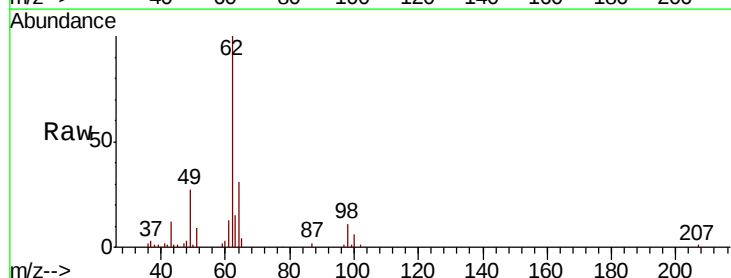
Manual Integrations
APPROVED

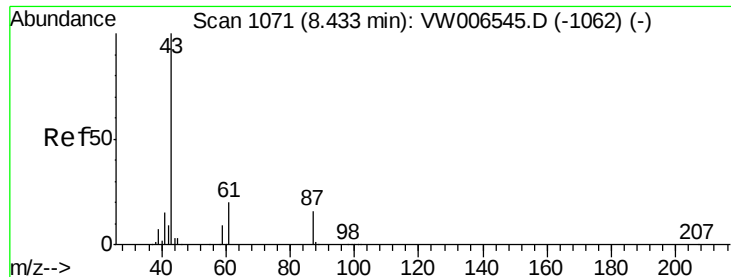
apatel
11/7/2018 2:06:10 PM



#42
1,2-Dichloroethane
Concen: 19.894 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion:	62	Resp:	49422
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 17.892 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

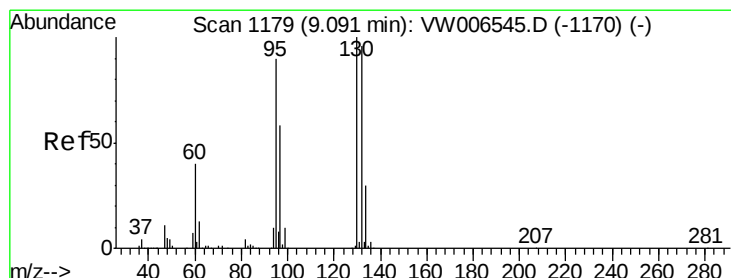
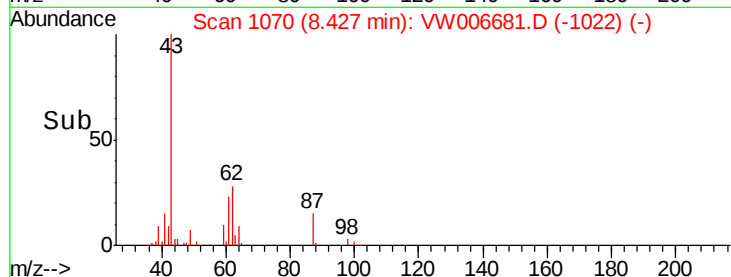
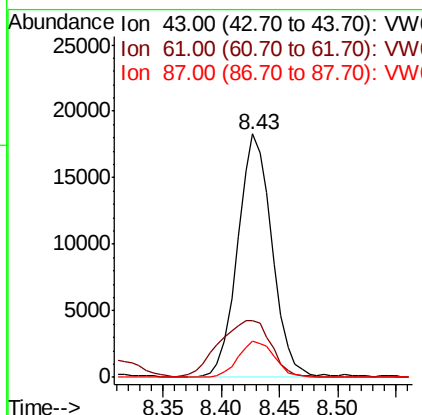
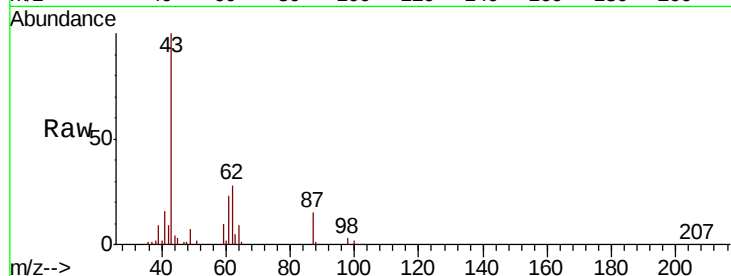
ClientSampleId :

VW1106SBS01

Tot Ion:	43	Resp:	37732
Ion	Ratio	Lower	Upper
43	100		
61	35.0	27.2	40.8
87	15.6	12.9	19.3

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#44

Trichloroethene

Concen: 21.291 ug/l

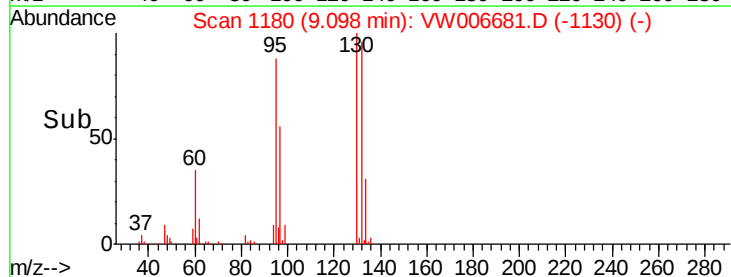
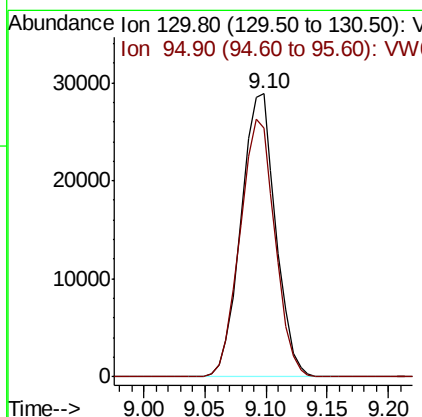
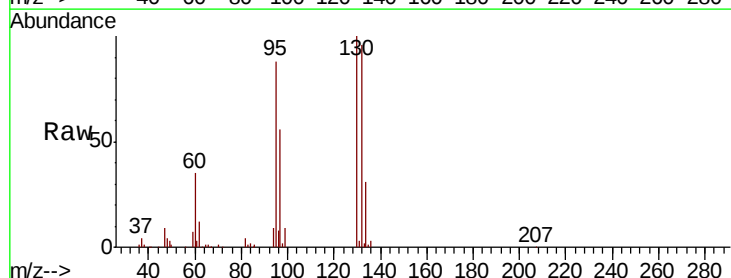
RT: 9.10 min Scan# 1180

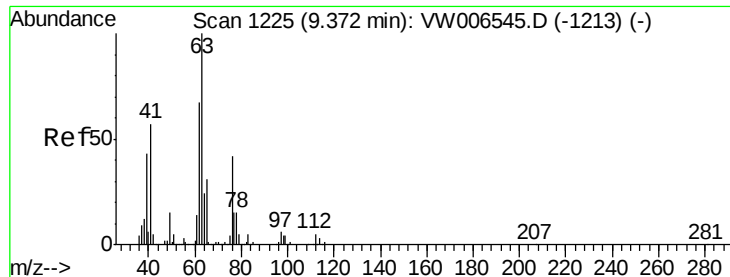
Delta R.T. 0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Tgt Ion:	130	Resp:	56912
Ion	Ratio	Lower	Upper
130	100		
95	87.9	0.0	179.2





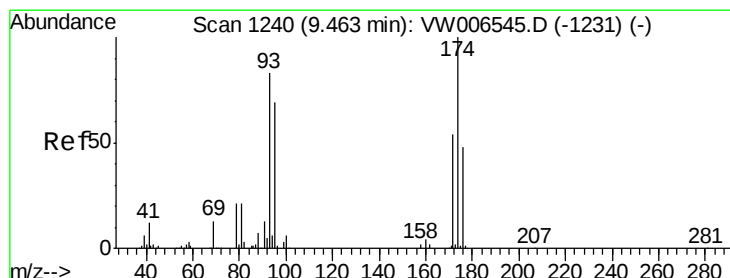
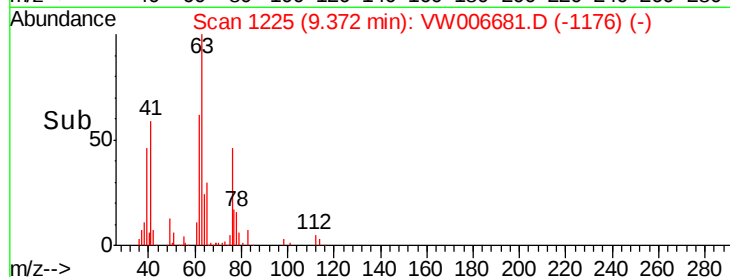
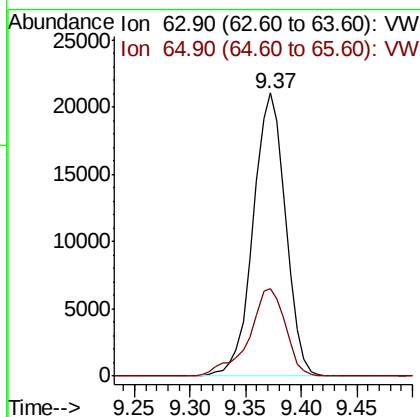
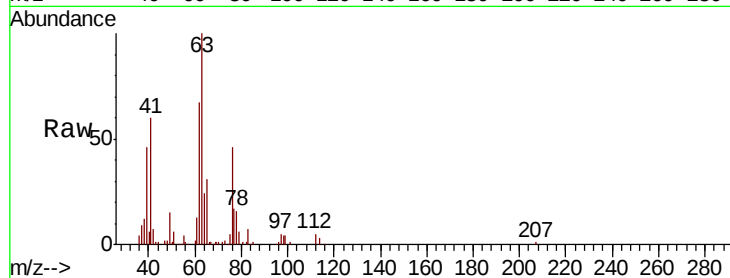
#45
 1,2-Dichloropropane
 Concen: 21.205 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.1	37.7

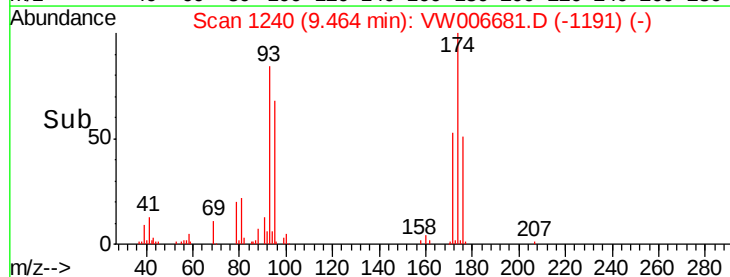
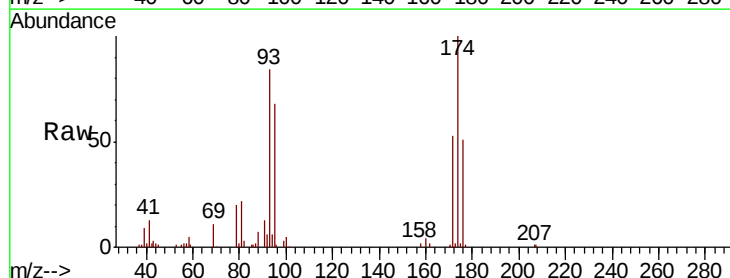
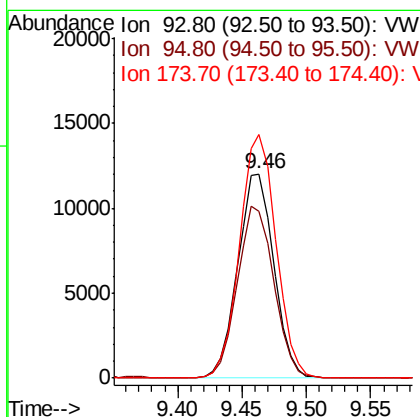
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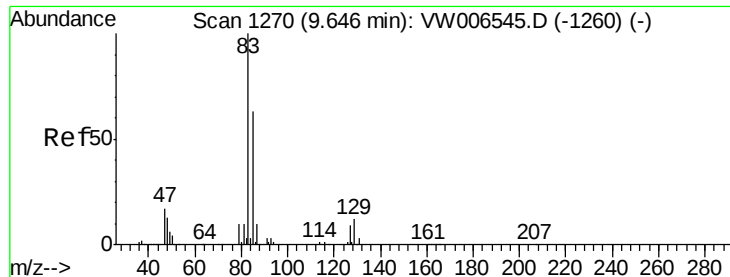
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#46
 Dibromomethane
 Concen: 19.712 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.1	67.2	100.8
174	119.9	97.3	145.9





#47

Bromodichloromethane

Concen: 20.525 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

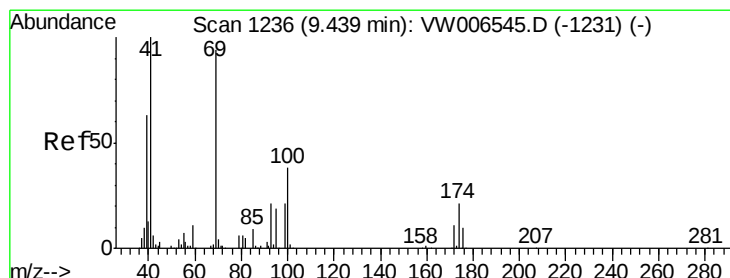
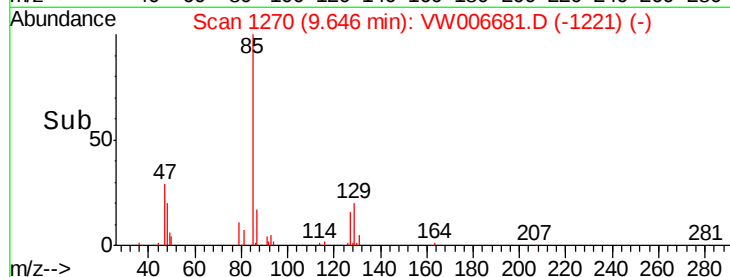
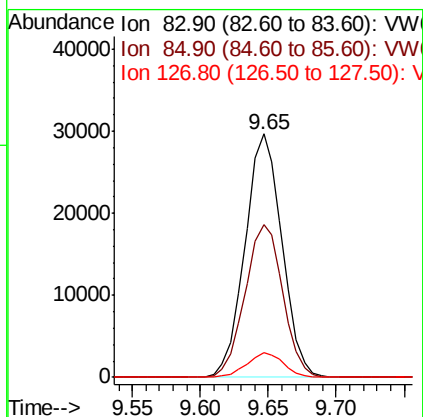
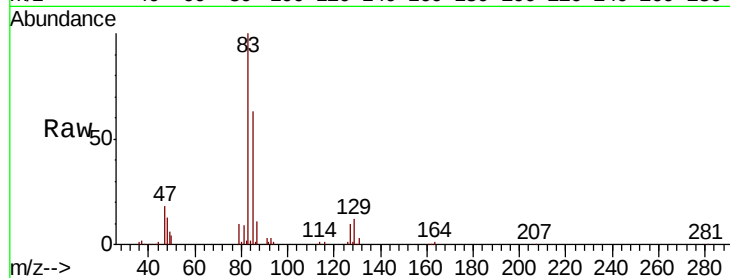
ClientSampleId :

VW1106SBS01

Tot Ion:	83	Resp:	56473
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.6	75.8
127	10.0	7.5	11.3

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#48

Methyl methacrylate

Concen: 17.410 ug/l

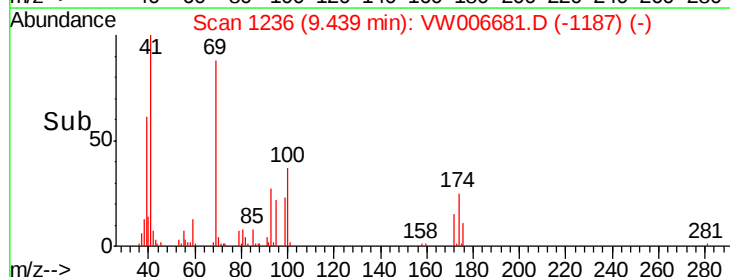
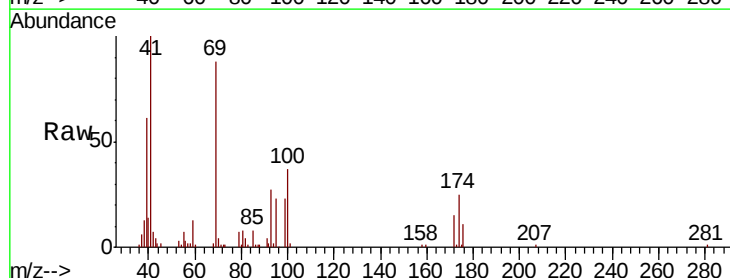
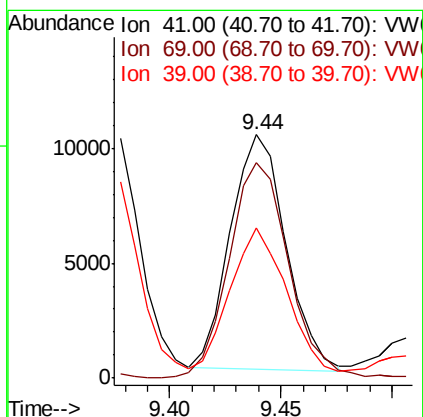
RT: 9.44 min Scan# 1236

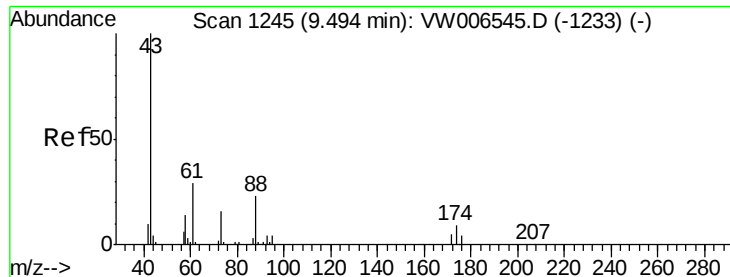
Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Tgt Ion:	41	Resp:	17690
Ion	Ratio	Lower	Upper
41	100		
69	99.4	77.8	116.8
39	67.6	48.7	73.1





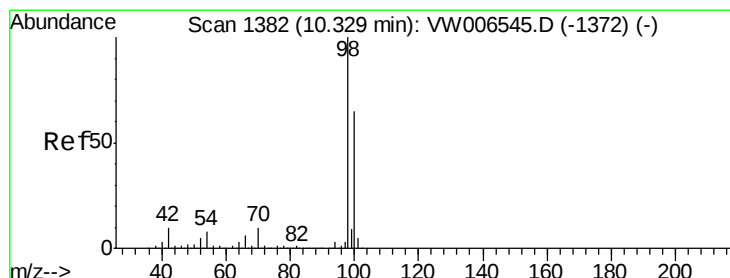
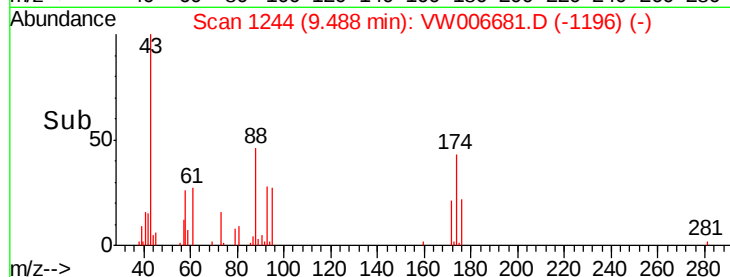
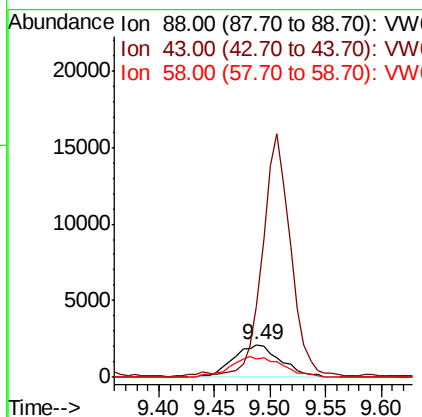
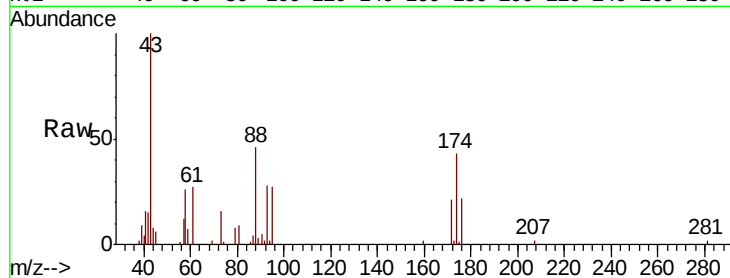
#49
1,4-Dioxane
Concen: 364.139 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	68.1	51.4	77.2

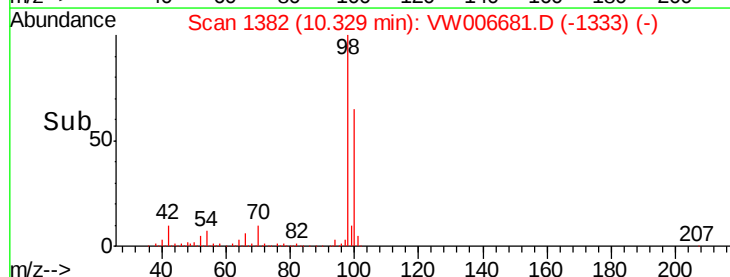
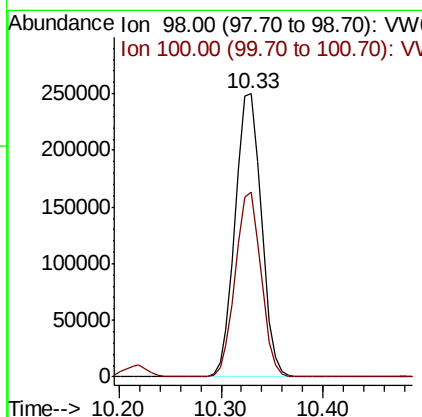
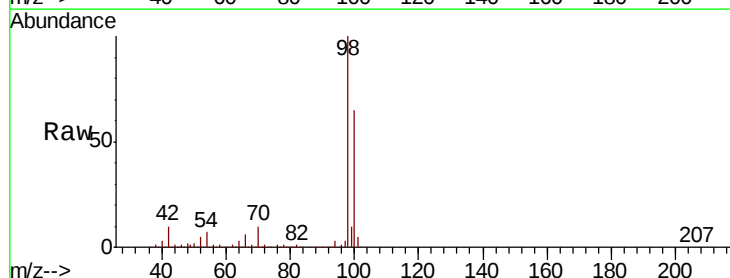
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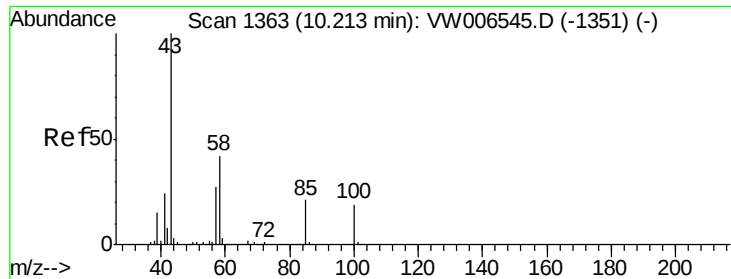
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#50
Toluene-d8
Concen: 53.637 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 89.217 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

VW1106SBS01

Tot Ion: 43 Resp: 96632

Ion Ratio Lower Upper

43 100

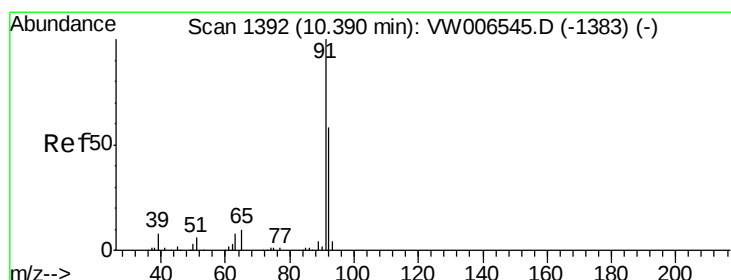
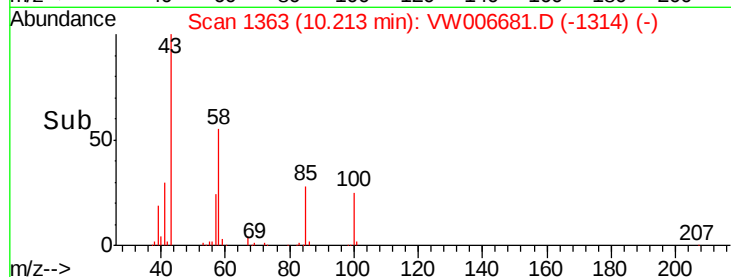
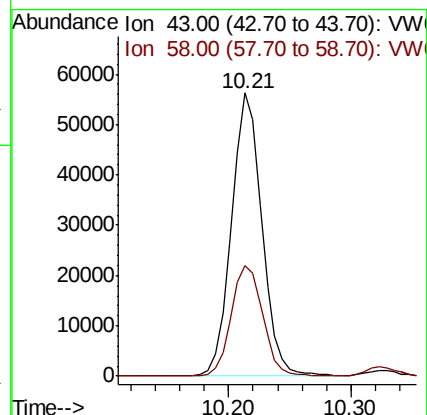
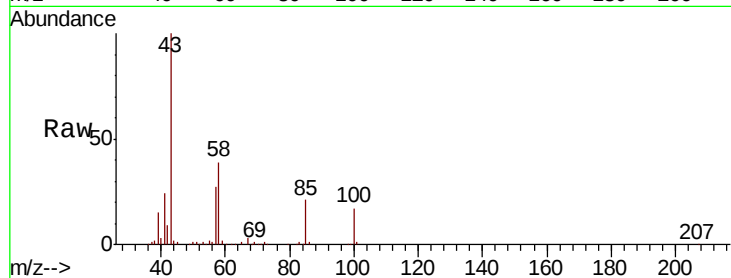
58 40.6 33.4 50.0

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#52

Toluene

Concen: 21.290 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006681.D

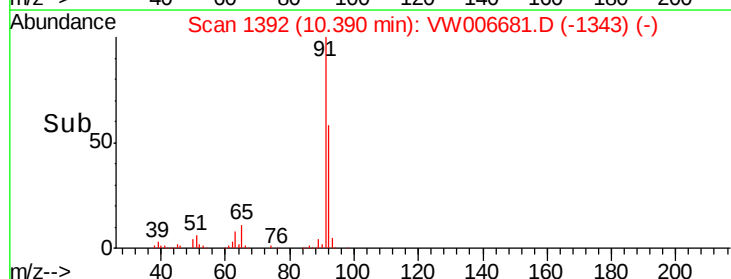
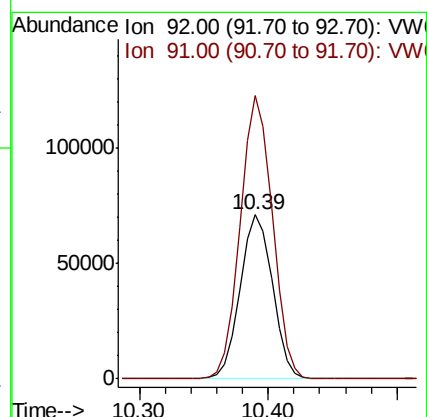
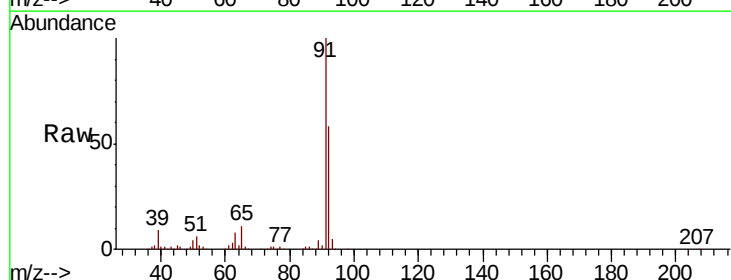
Acq: 06 Nov 2018 13:06

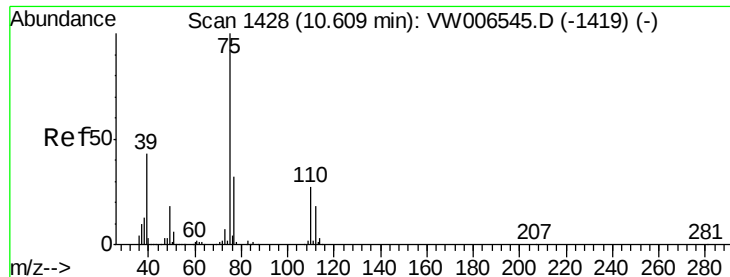
Tgt Ion: 92 Resp: 123694

Ion Ratio Lower Upper

92 100

91 171.6 138.6 208.0





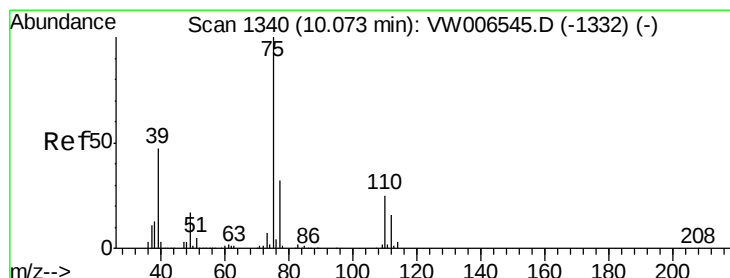
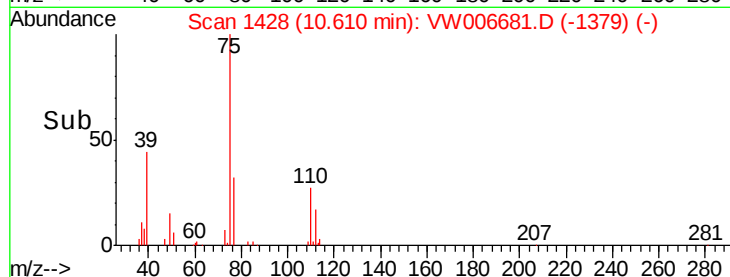
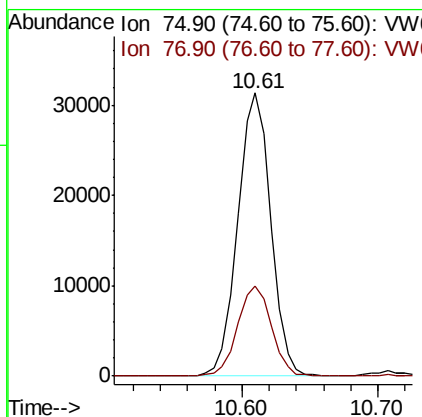
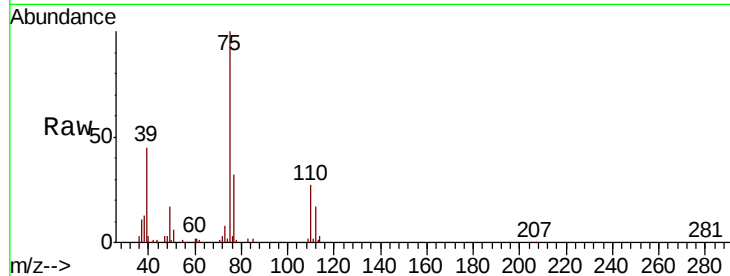
#53
t-1,3-Dichloropropene
Concen: 20.020 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampled :
VW1106SBS01

Tot Ion: 75 Resp: 53014
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

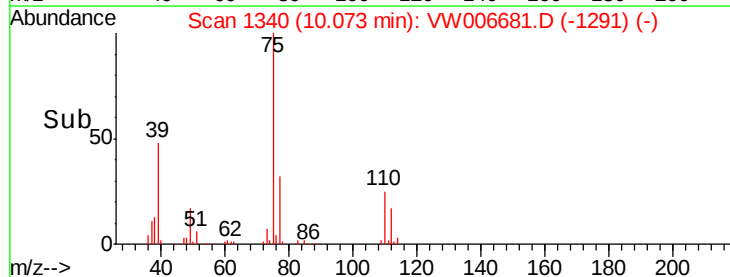
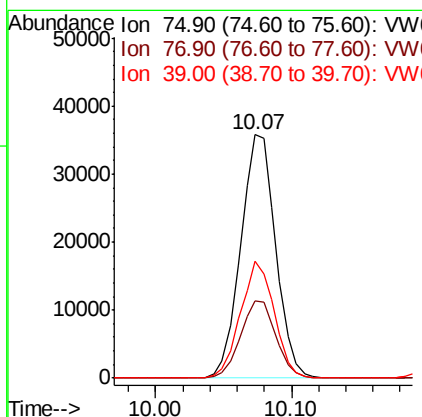
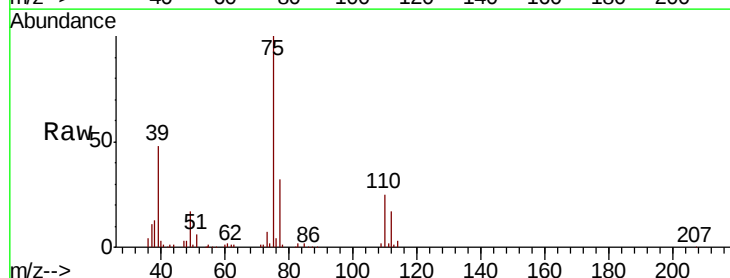
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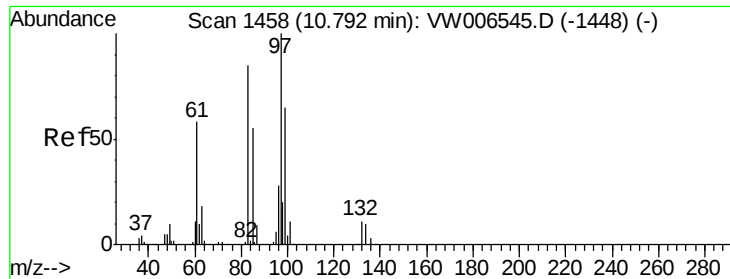
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#54
cis-1,3-Dichloropropene
Concen: 20.501 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 75 Resp: 64152
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 47.9 37.3 55.9





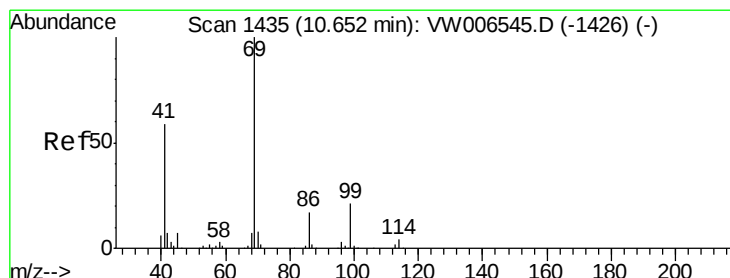
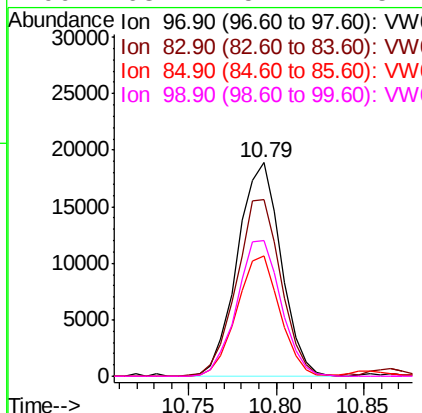
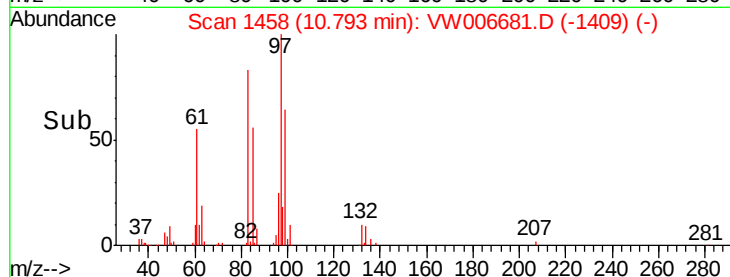
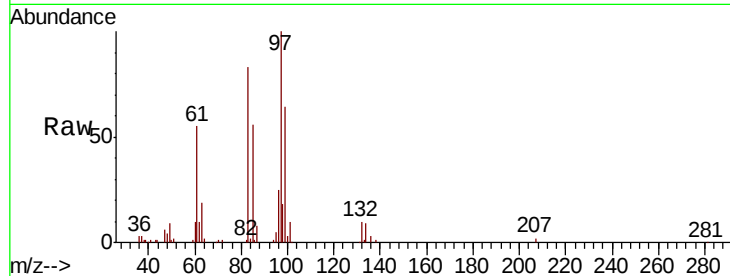
#55
 1,1,2-Trichloroethane
 Concen: 19.511 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion:	97	Resp:	32805
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.9	101.9
85	56.5	44.0	66.0
99	63.7	52.2	78.2

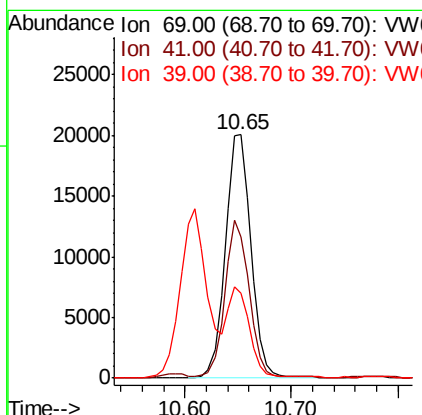
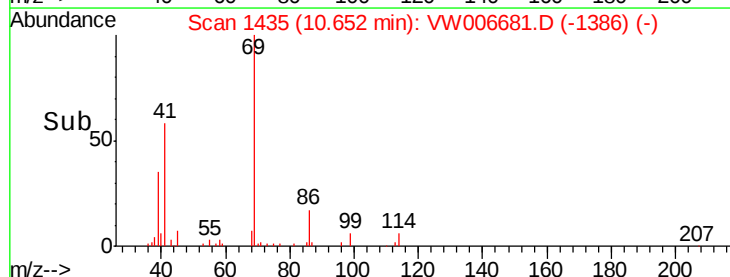
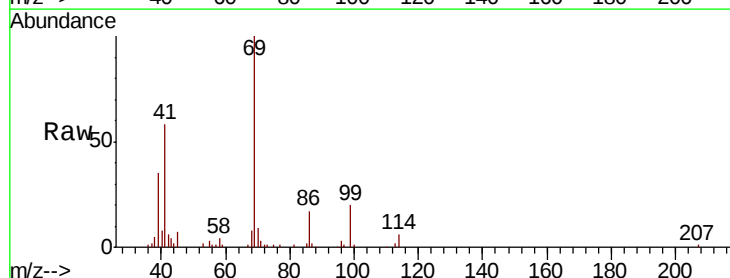
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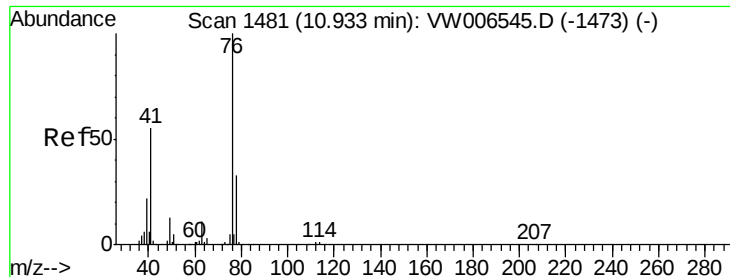
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#56
 Ethyl methacrylate
 Concen: 17.738 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion:	69	Resp:	33898
Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.4	71.2
39	32.8	25.3	37.9





#57

1,3-Dichloropropane

Concen: 19.584 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

VW1106SBS01

Tot Ion: 76 Resp: 53468

Ion Ratio Lower Upper

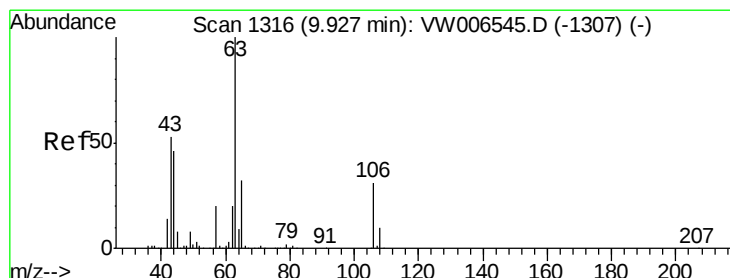
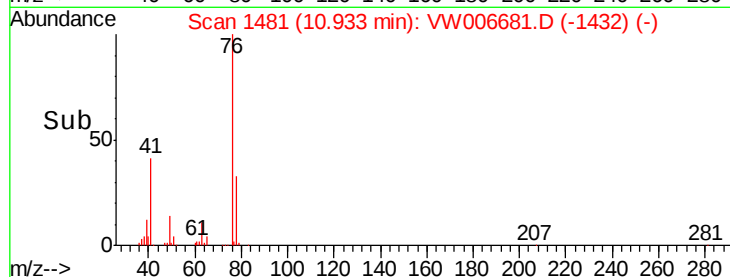
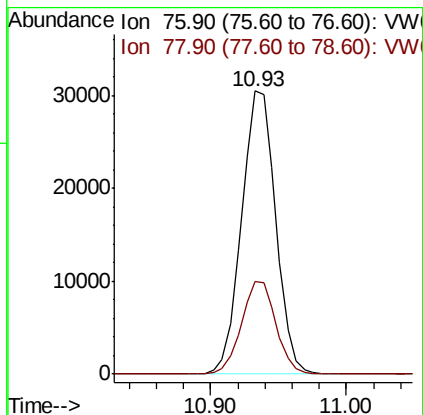
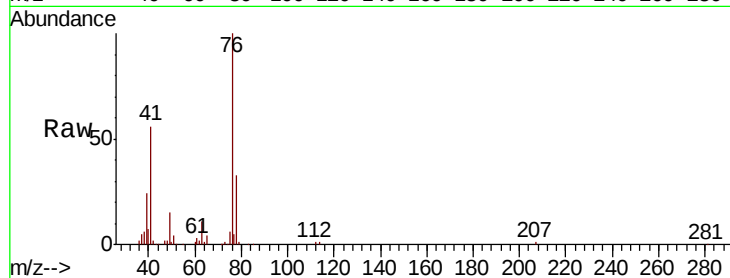
76 100

78 33.0 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 92.284 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006681.D

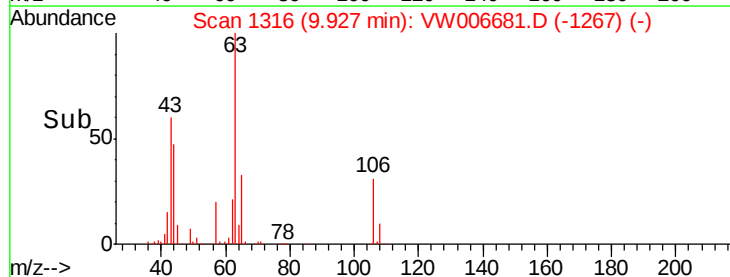
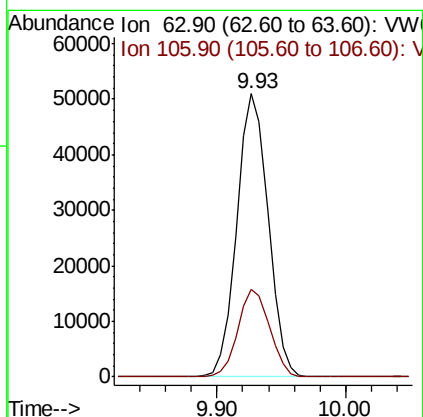
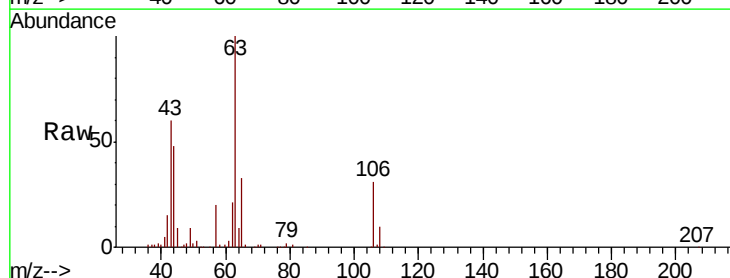
Acq: 06 Nov 2018 13:06

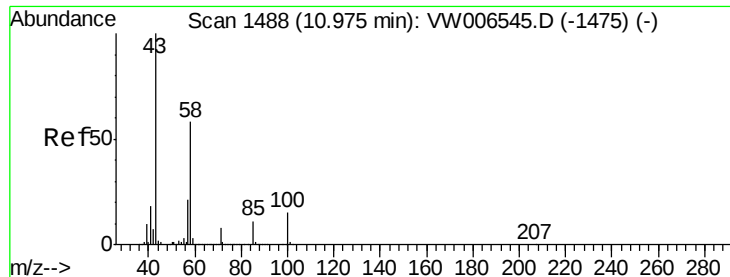
Tgt Ion: 63 Resp: 85728

Ion Ratio Lower Upper

63 100

106 31.3 25.4 38.2





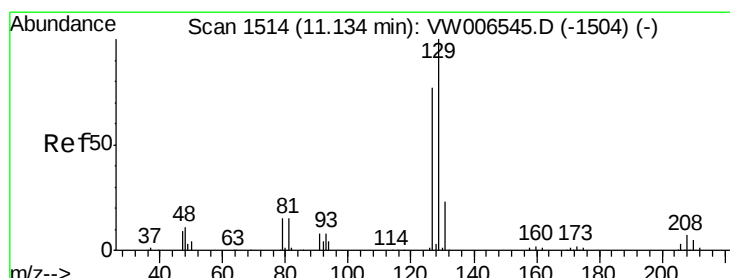
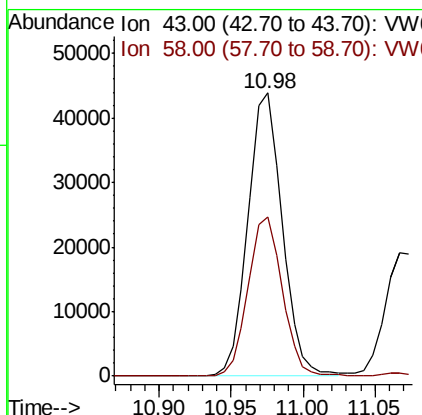
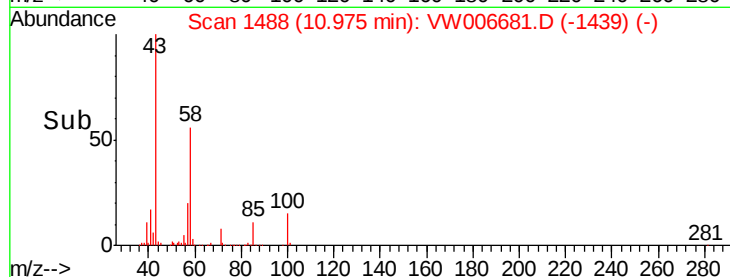
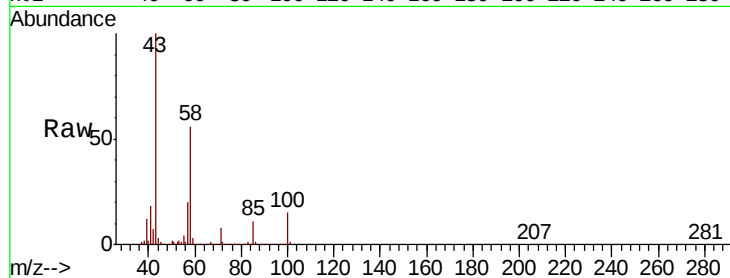
#59
2-Hexanone
Concen: 98.367 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion: 43 Resp: 72362
Ion Ratio Lower Upper
43 100
58 56.2 28.8 86.4

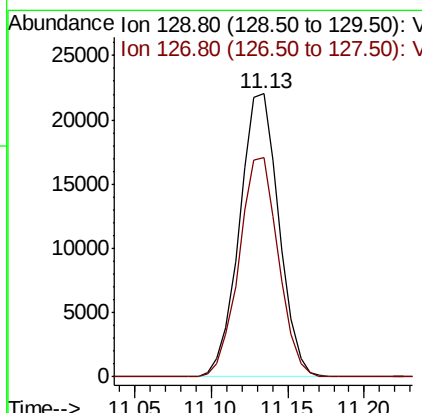
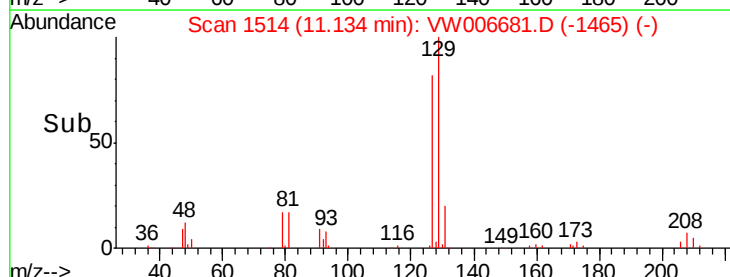
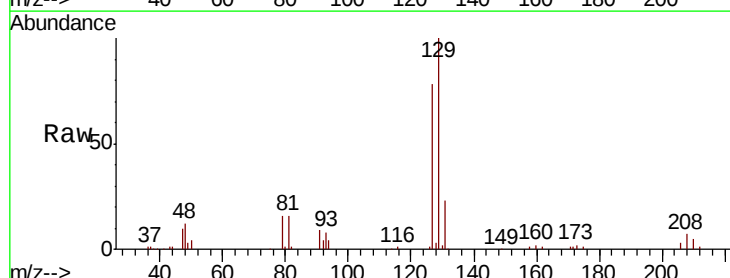
Manual Integrations
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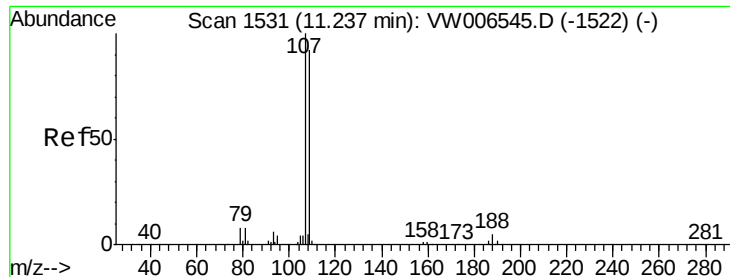
apatel
11/7/2018 2:06:10 PM



#60
Dibromochloromethane
Concen: 19.766 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 129 Resp: 39375
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





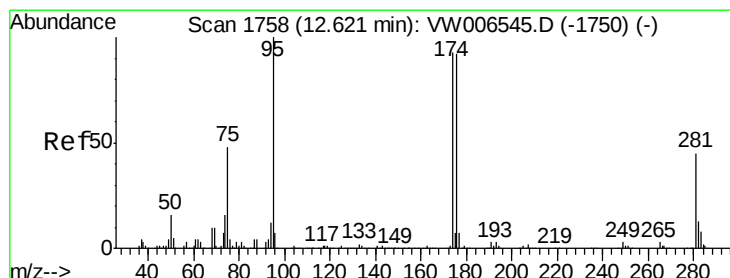
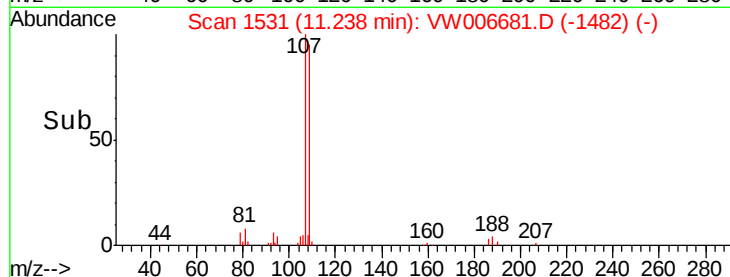
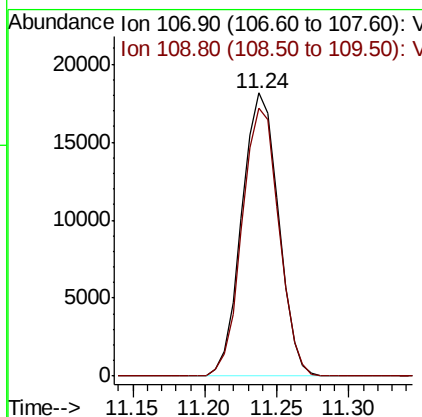
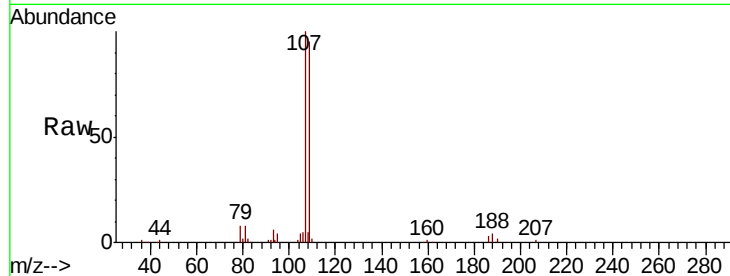
#61
1,2-Dibromoethane
Concen: 19.171 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.8	113.6

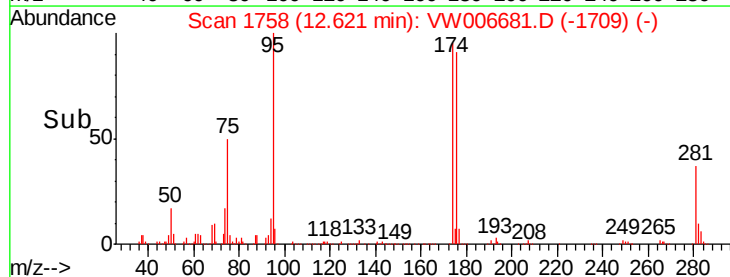
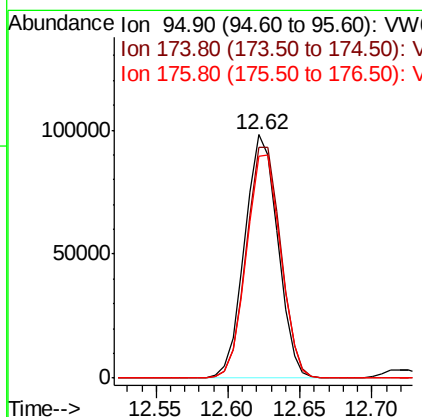
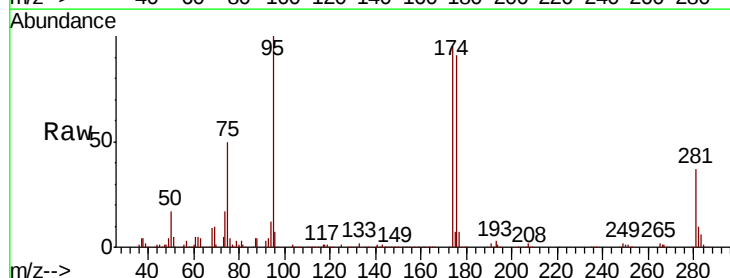
Manual Integrations
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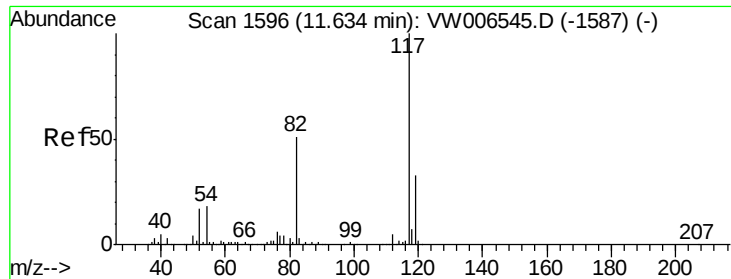
apatel
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#62
4-Bromofluorobenzene
Concen: 51.961 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.4	0.0	192.4
176	95.2	0.0	187.4





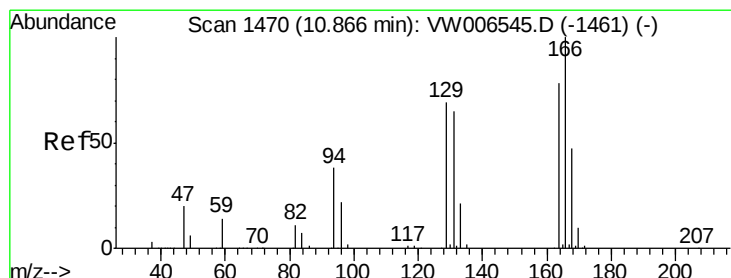
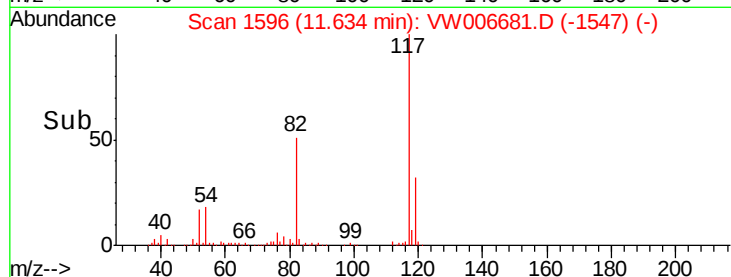
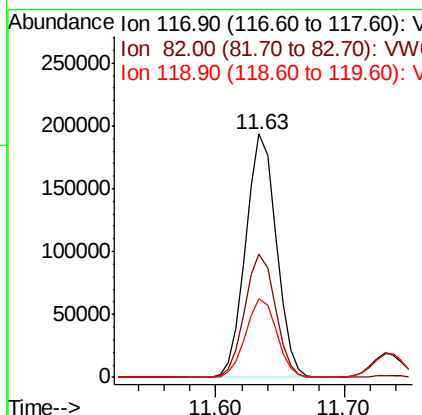
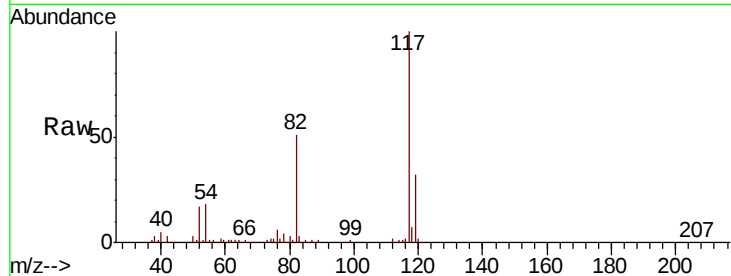
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampled :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.8	61.2
119	32.2	26.1	39.1

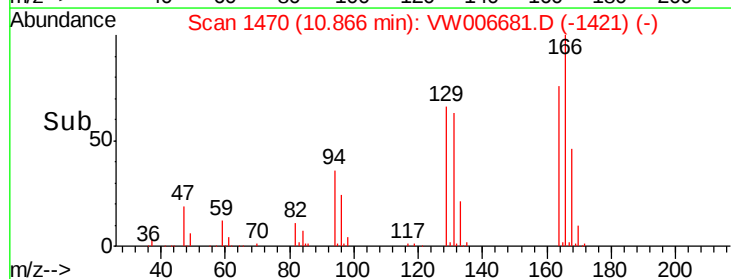
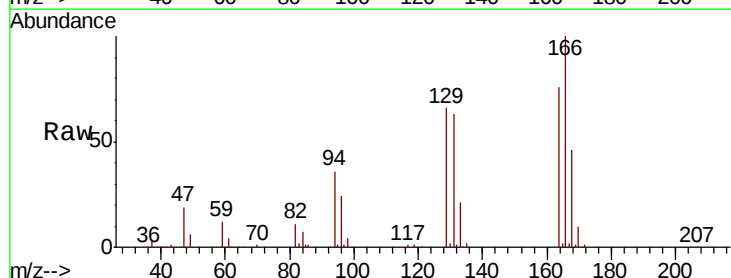
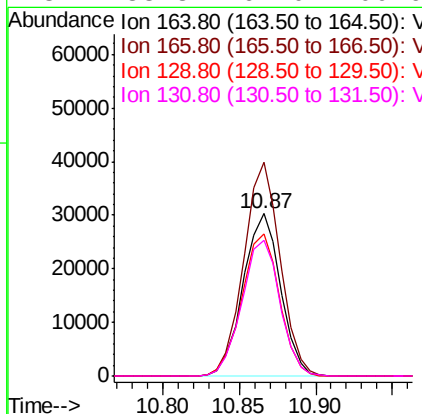
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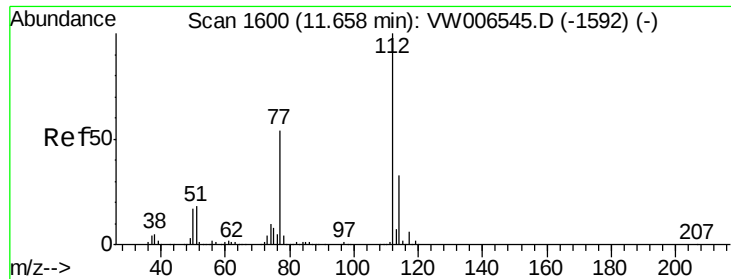
apatel
11/7/2018 2:06:10 PM



#64
Tetrachloroethene
Concen: 20.272 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	102.8	154.2
129	87.1	70.9	106.3
131	83.3	67.0	100.6





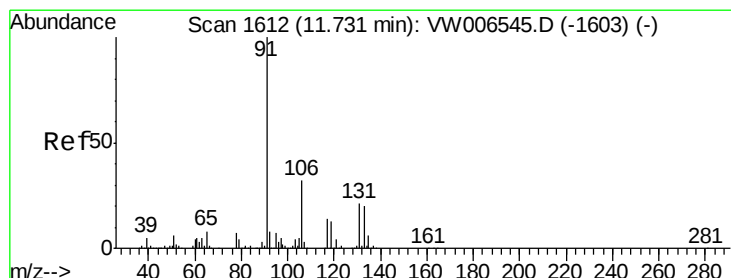
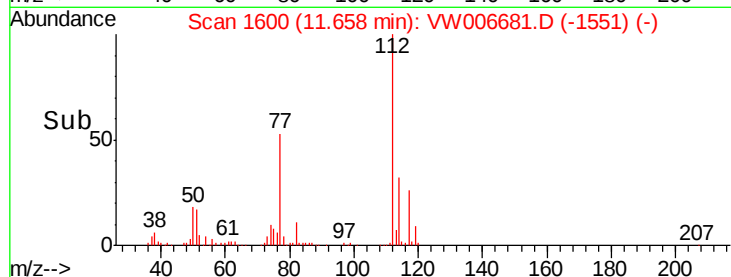
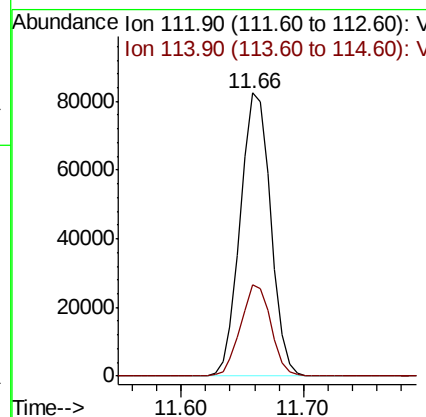
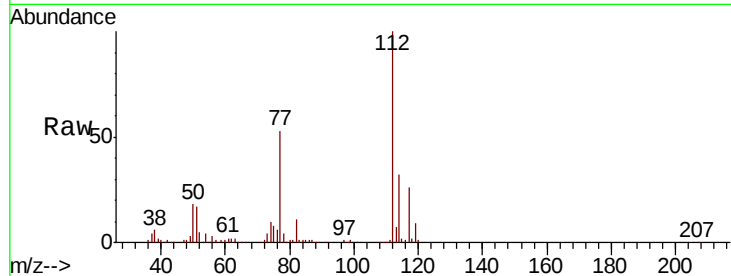
#65
Chlorobenzene
Concen: 21.192 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.2	39.2

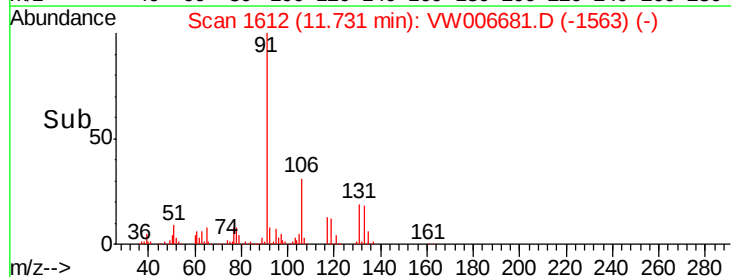
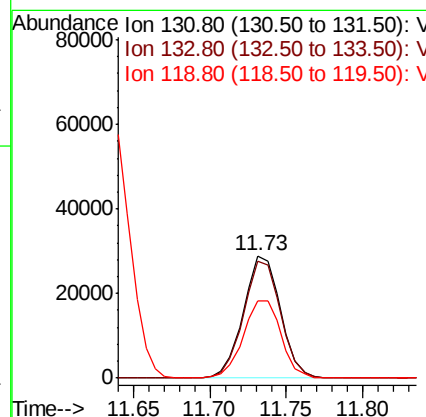
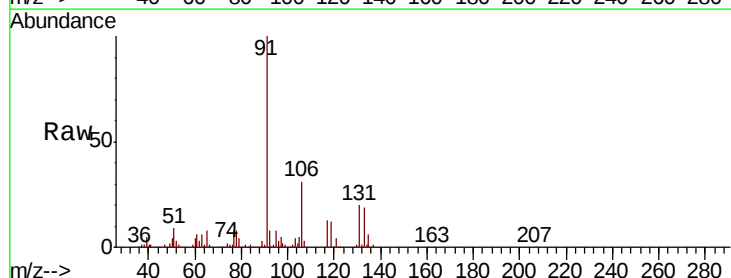
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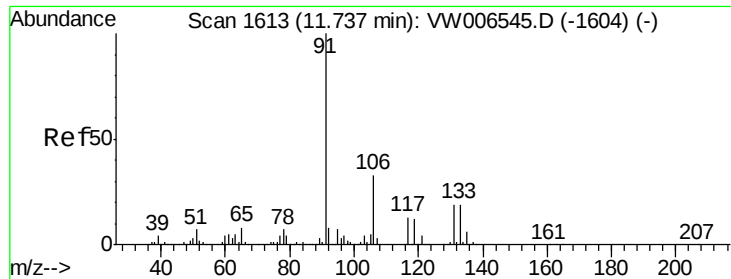
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.624 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.5	142.5
119	65.3	31.9	95.5





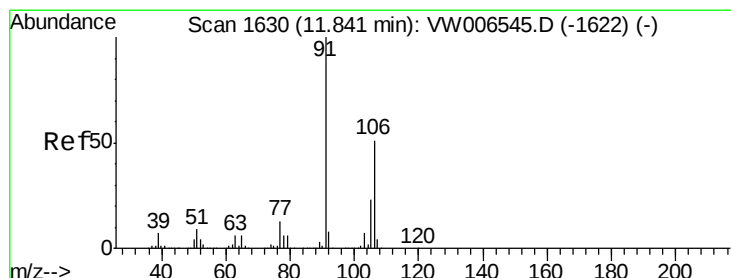
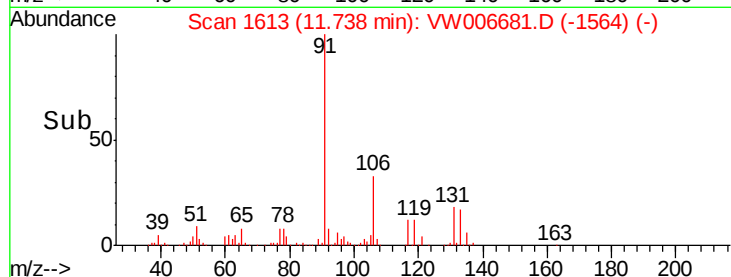
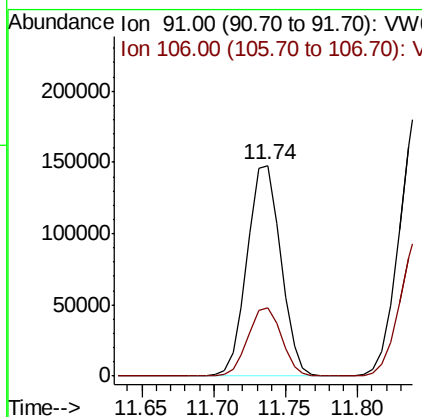
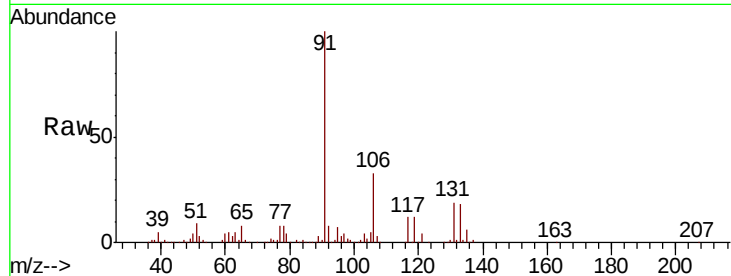
#67
Ethyl Benzene
Concen: 21.467 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion: 91 Resp: 240098
Ion Ratio Lower Upper
91 100
106 32.7 26.3 39.5

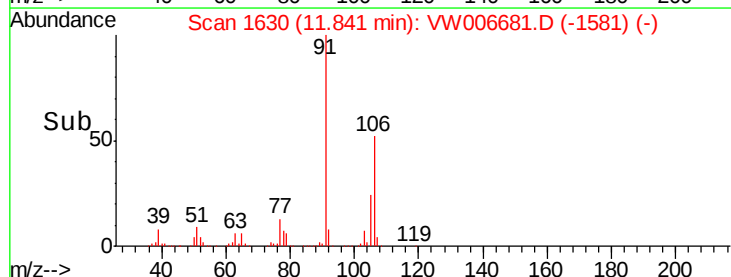
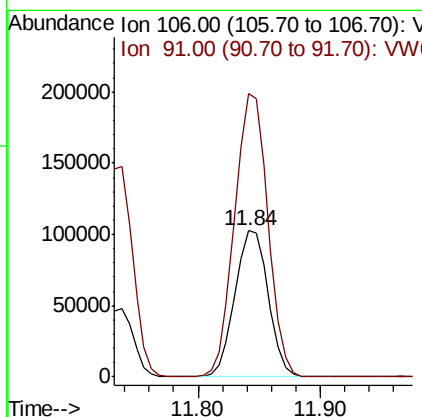
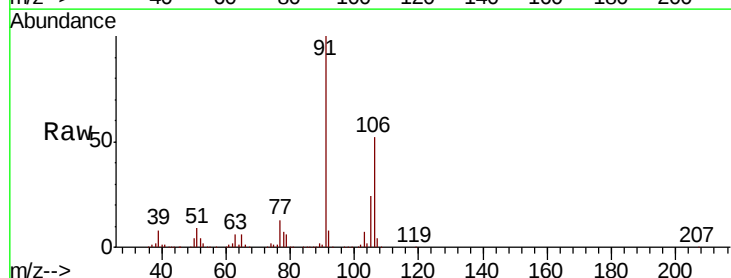
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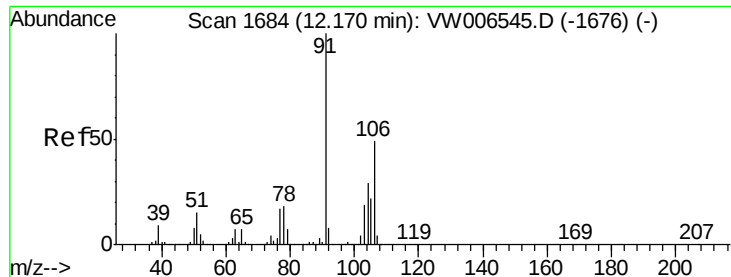
apatel
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#68
m/p-Xylenes
Concen: 43.345 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 106 Resp: 193683
Ion Ratio Lower Upper
106 100
91 193.5 156.7 235.1





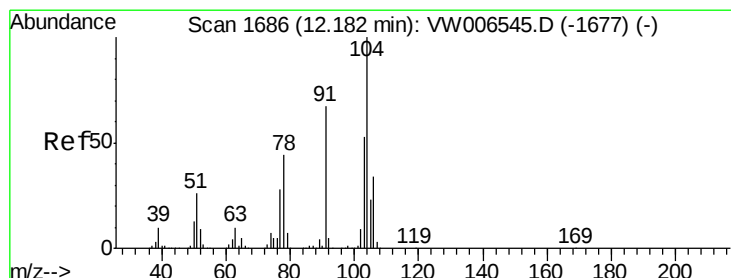
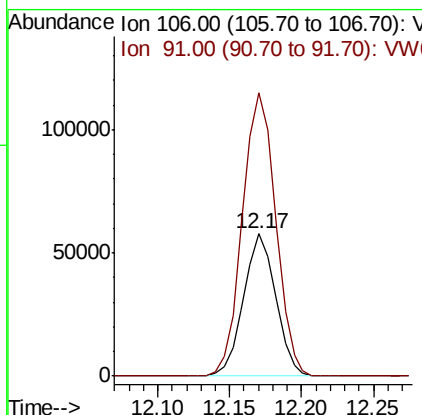
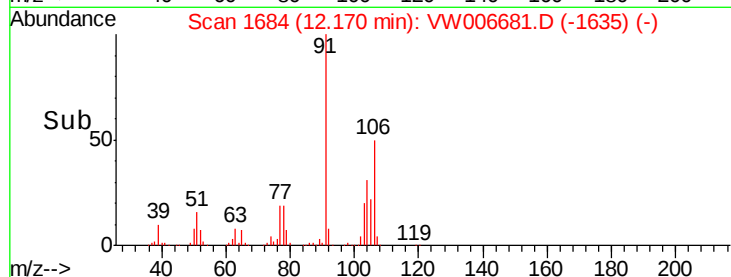
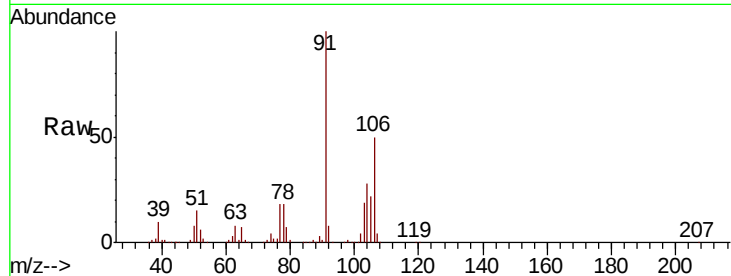
#69
o-Xylene
Concen: 20.991 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampled :
VW1106SBS01

Tot Ion:106 Resp: 89297
Ion Ratio Lower Upper
106 100
91 206.3 102.8 308.4

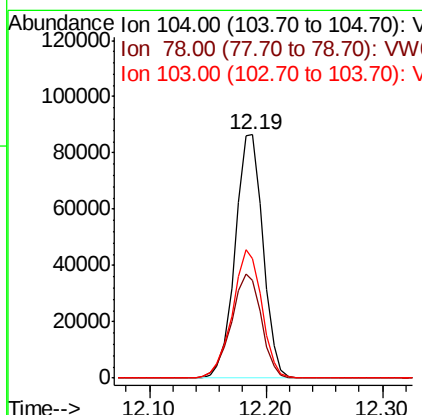
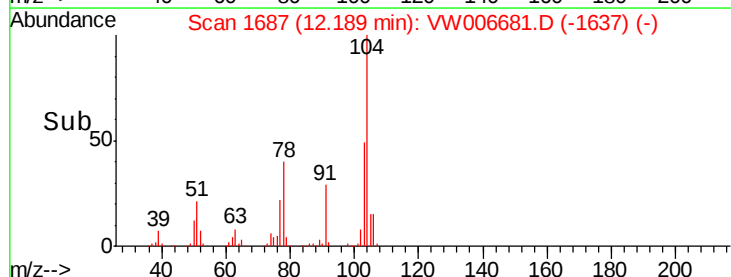
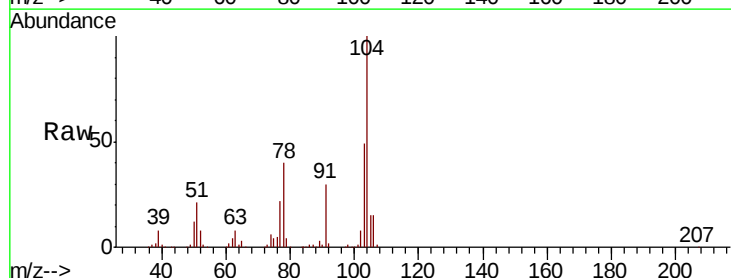
Manual Integrations
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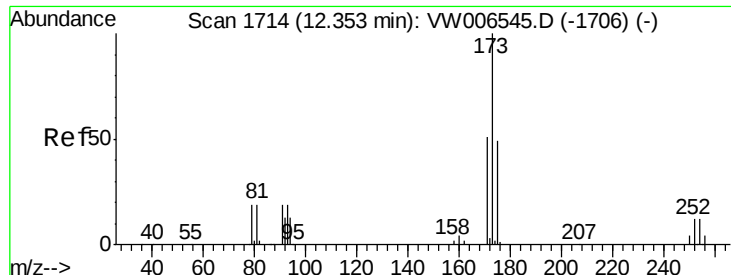
apatel
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#70
Styrene
Concen: 20.820 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion:104 Resp: 144395
Ion Ratio Lower Upper
104 100
78 46.3 37.2 55.8
103 55.6 44.2 66.2





#71

Bromoform

Concen: 19.111 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion:173 Resp: 23826

Ion Ratio Lower Upper

173 100

175 47.6 24.1 72.4

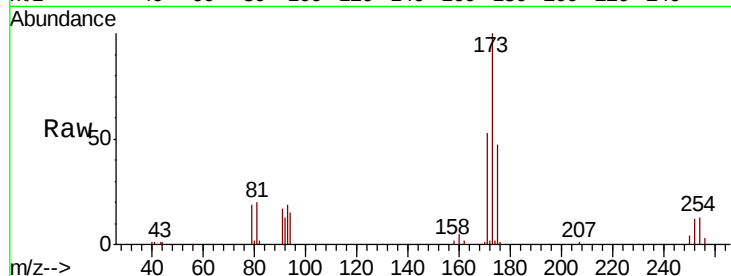
254 0.0 0.1 0.1#

Manual Integrations

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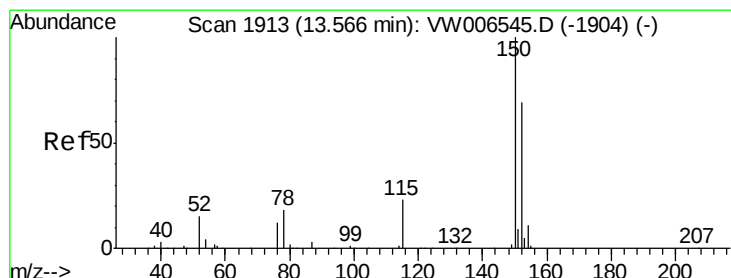
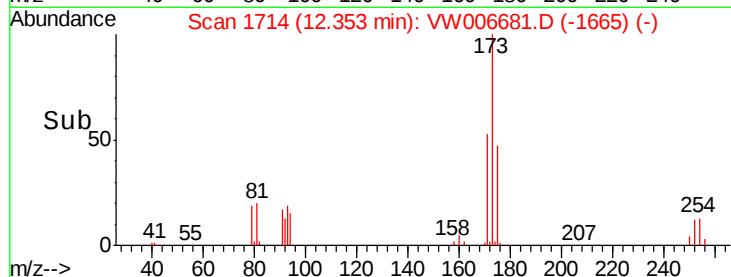
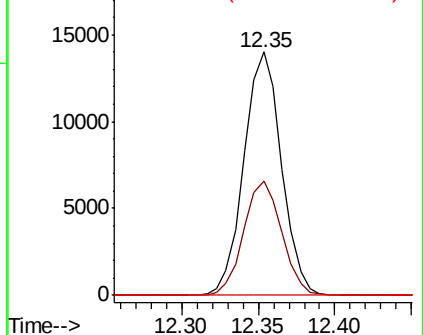
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 1913

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

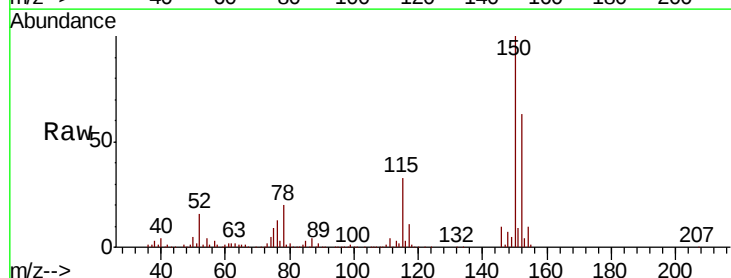
Tgt Ion:152 Resp: 179778

Ion Ratio Lower Upper

152 100

115 53.3 26.6 79.8

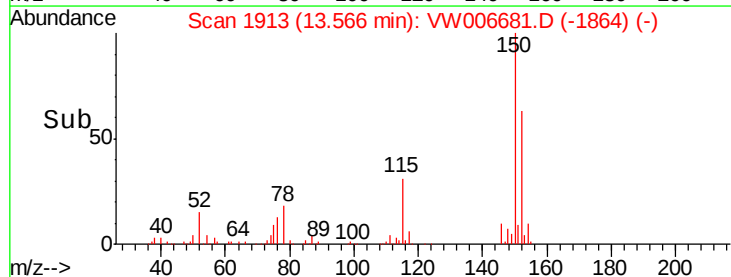
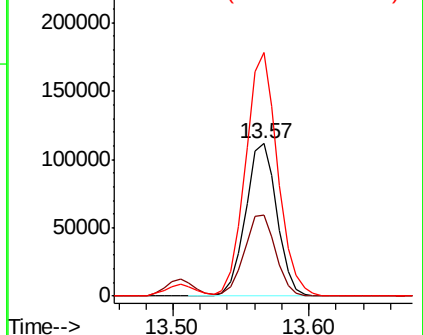
150 163.3 0.0 344.6

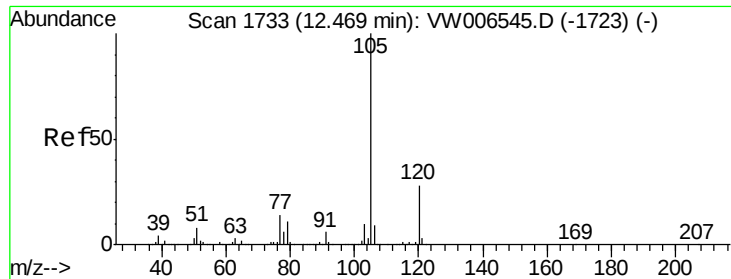


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





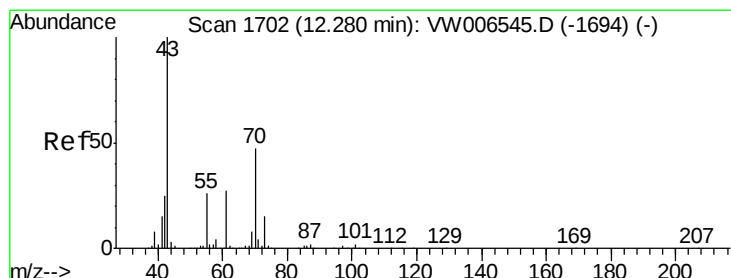
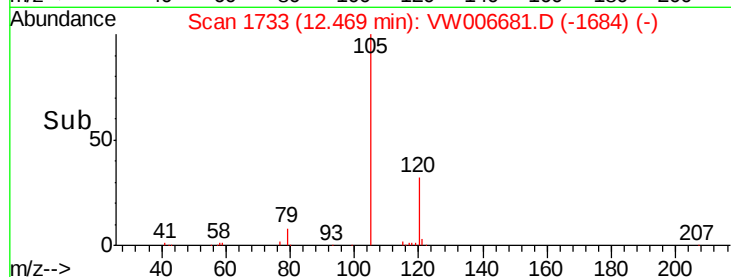
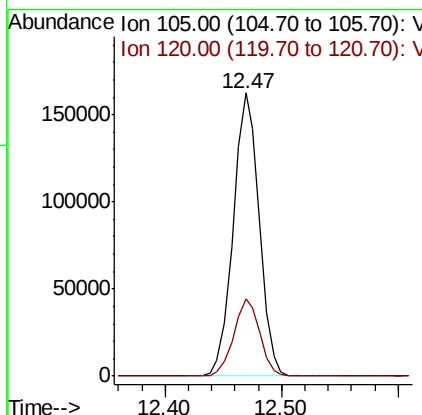
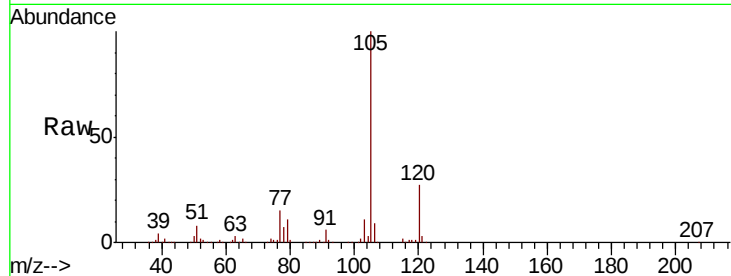
#73
Isopropylbenzene
Concen: 21.193 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.7	41.1

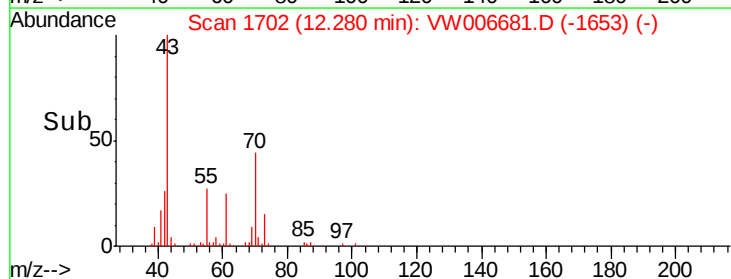
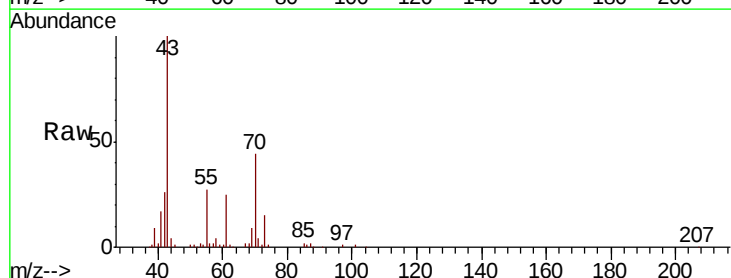
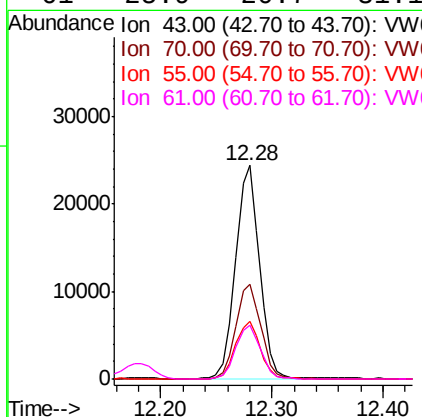
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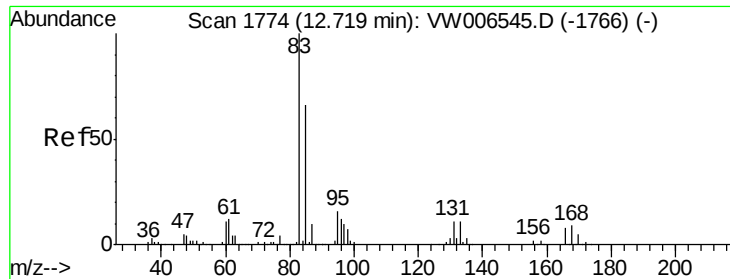
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#74
N-ethyl acetate
Concen: 17.877 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.6	36.9	55.3
55	28.1	20.7	31.1
61	25.9	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.804 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

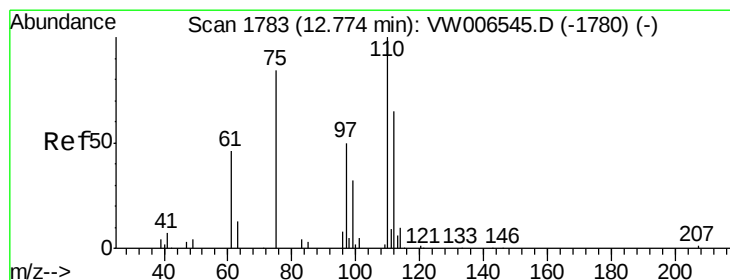
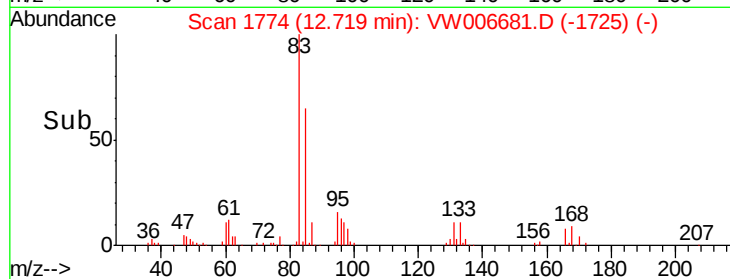
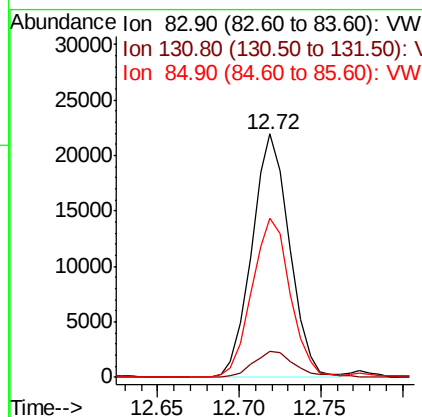
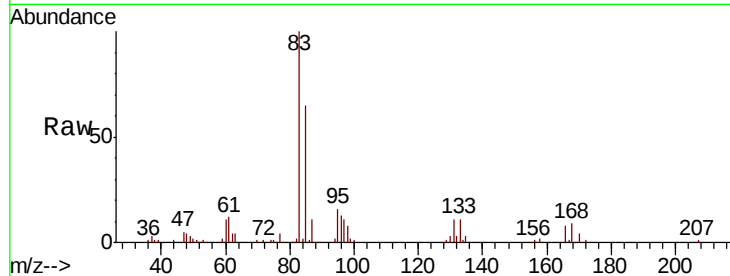
ClientSampleId :

VW1106SBS01

Tot Ion:	83	Resp:	35172
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.9	17.7
85	66.7	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.349 ug/l m

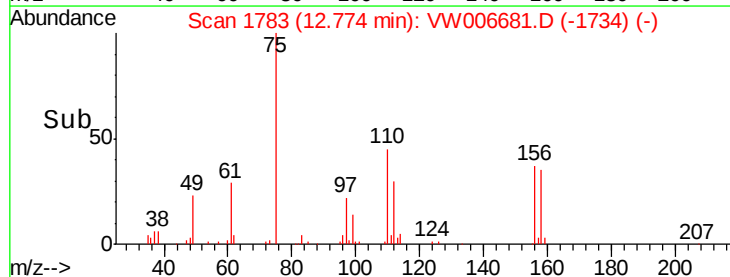
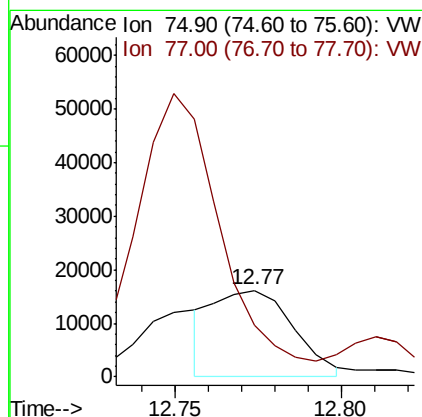
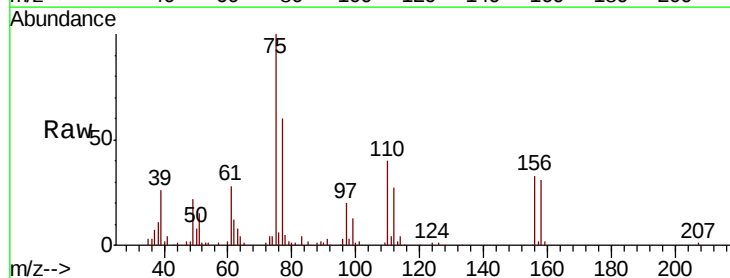
RT: 12.77 min Scan# 1783

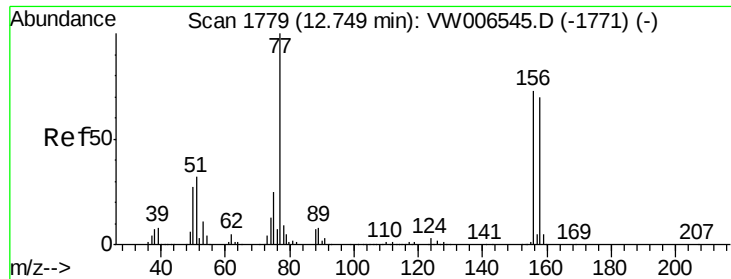
Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Tgt Ion:	75	Resp:	27140
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





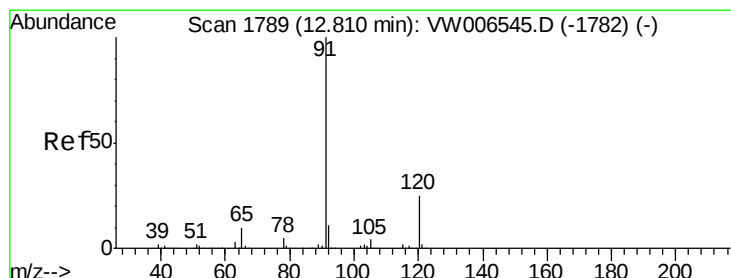
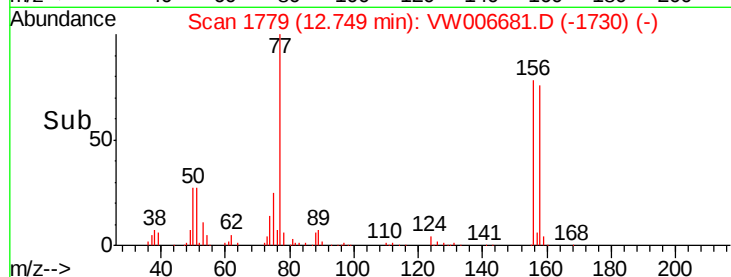
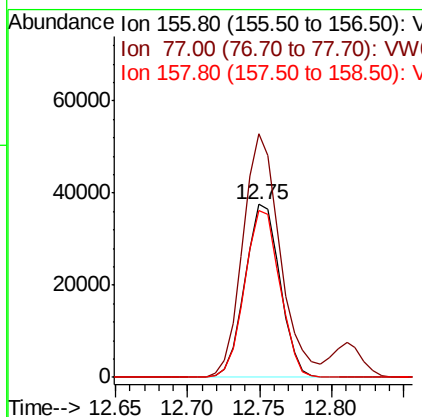
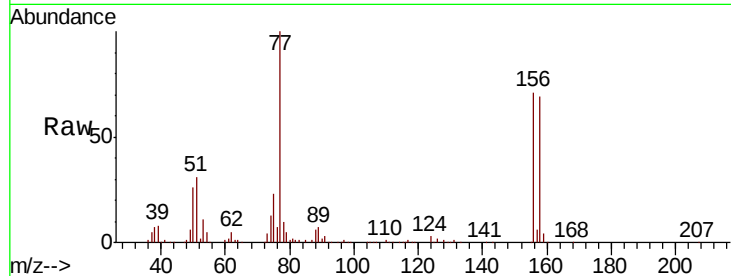
#77
Bromobenzene
Concen: 20.453 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.6	75.9	227.8
158	97.4	48.6	145.9

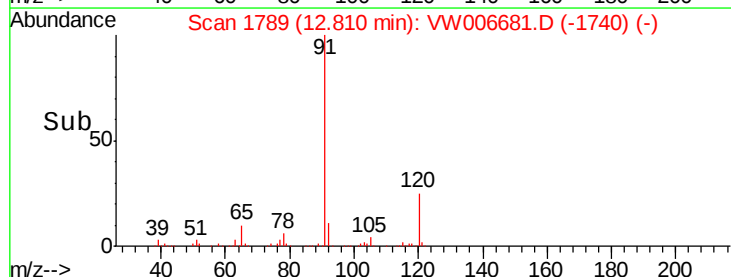
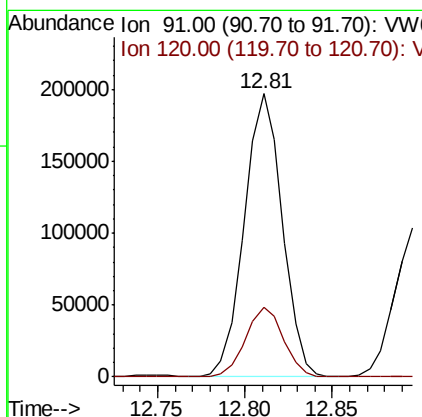
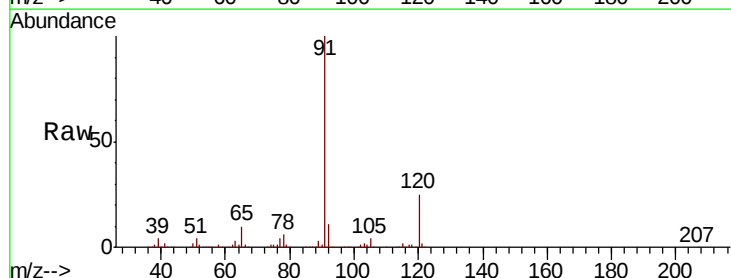
Manual Integrations
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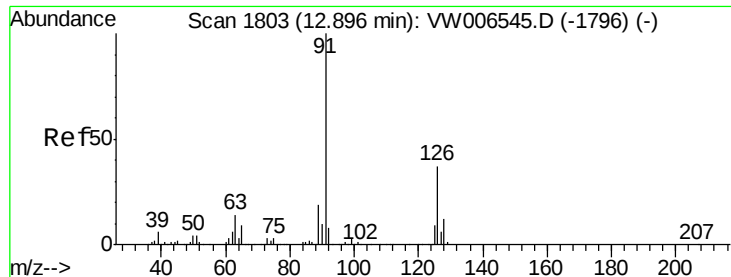
apatel
11/7/2018 2:06:10 PM



#78
n-propylbenzene
Concen: 21.758 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.0





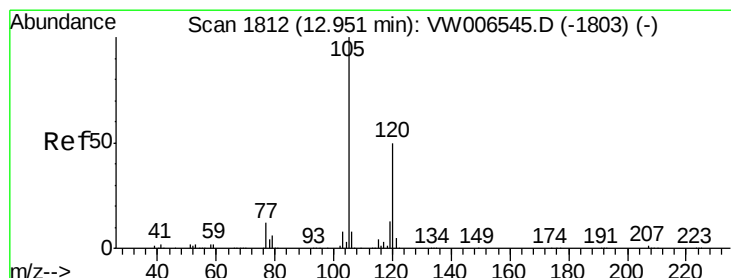
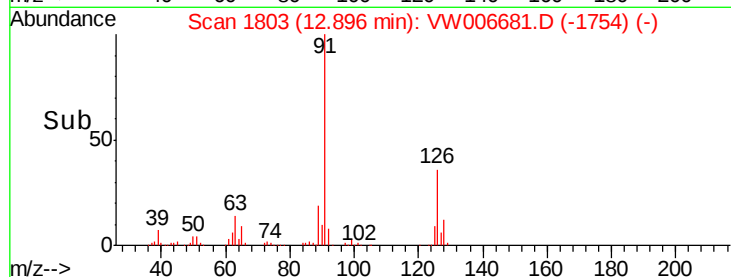
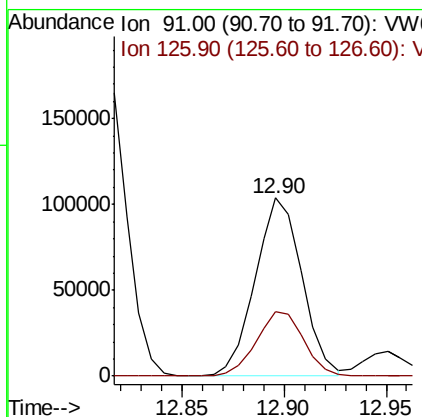
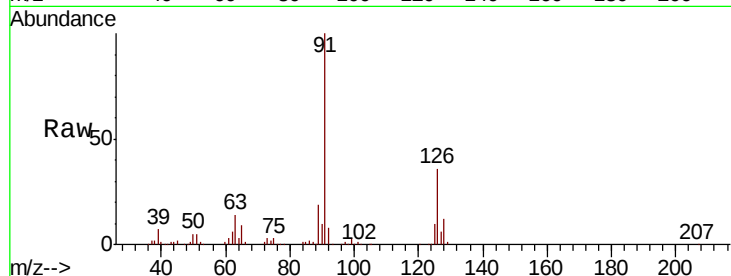
#79
2-Chlorotoluene
Concen: 21.128 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion: 91 Resp: 165169
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5

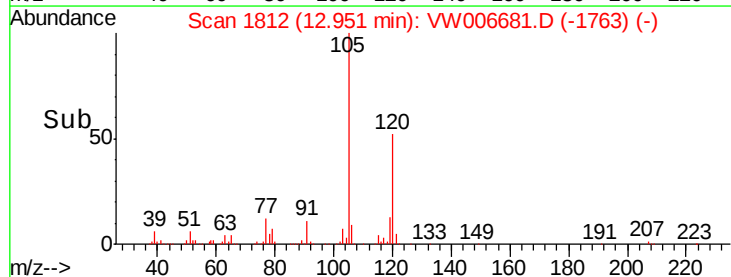
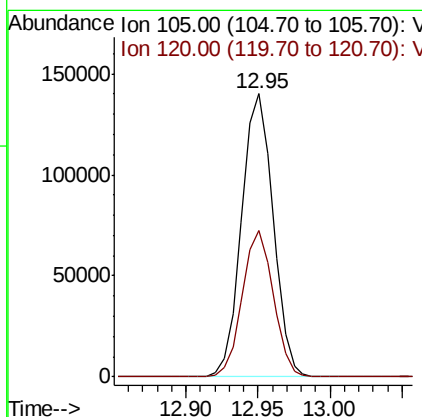
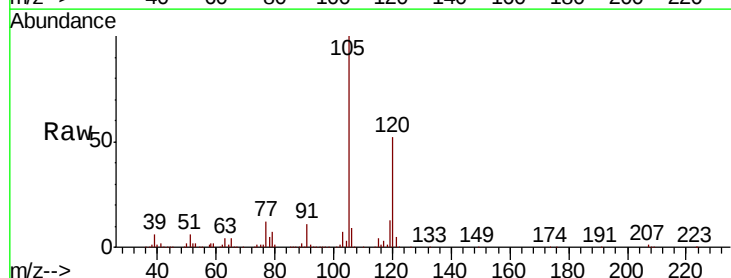
Manual Integrations
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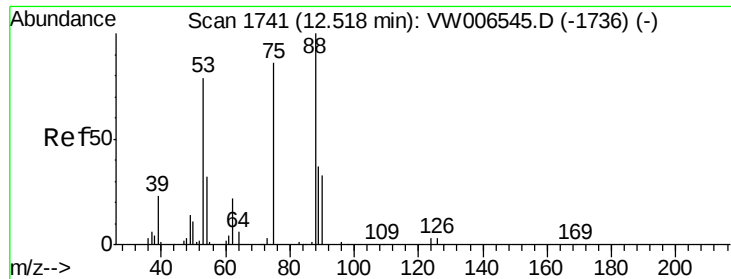
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 21.390 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion:105 Resp: 212819
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.3





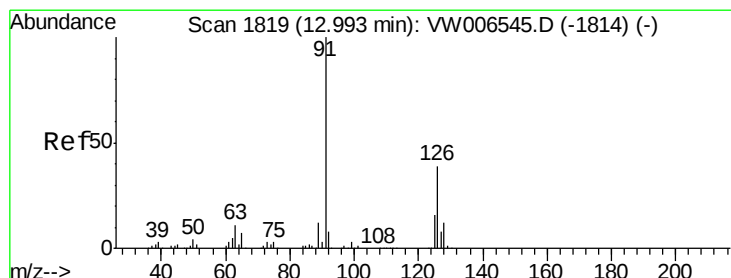
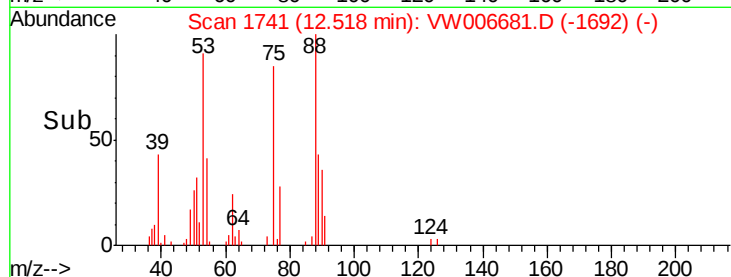
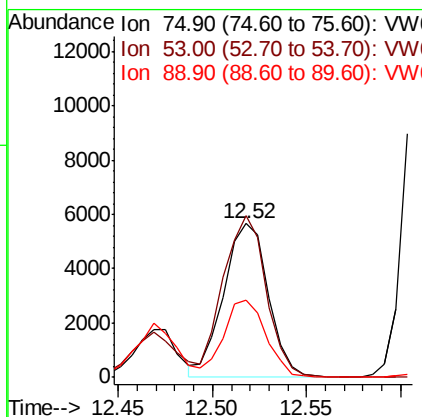
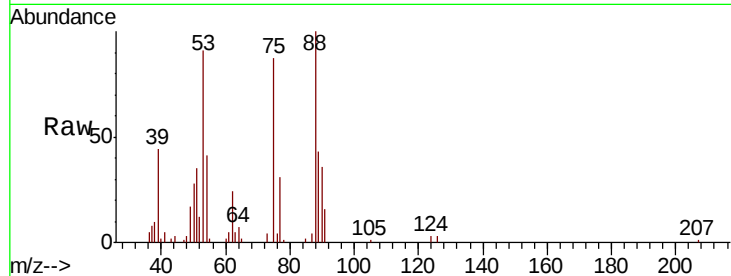
#81
trans-1,4-Dichloro-2-butene
Concen: 18.986 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.6	77.2	115.8
89	47.1	38.6	58.0

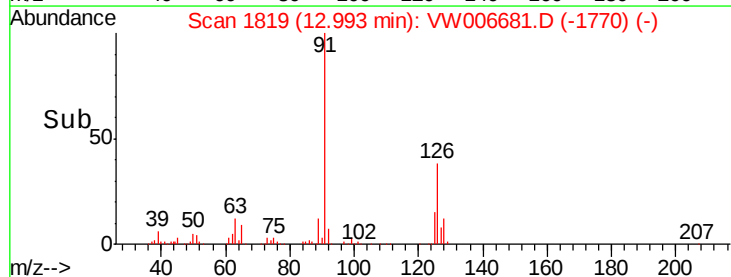
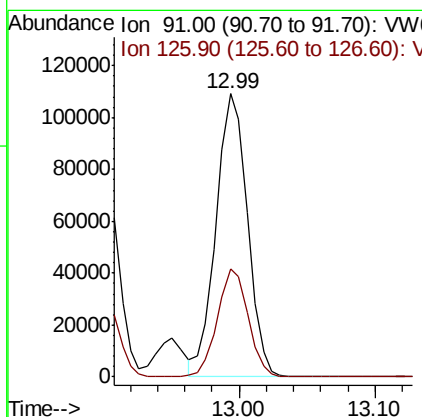
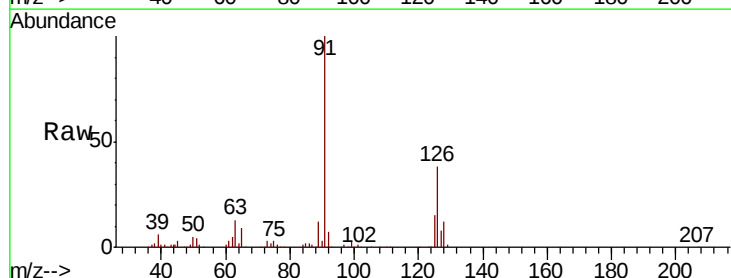
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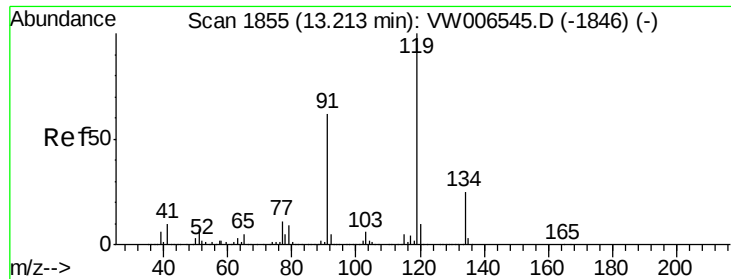
apatel
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#82
4-Chlorotoluene
Concen: 21.149 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.4	18.5	55.5





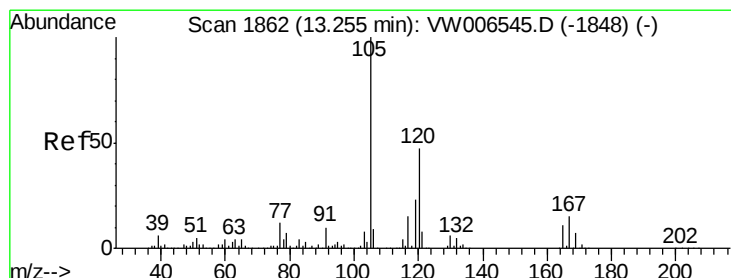
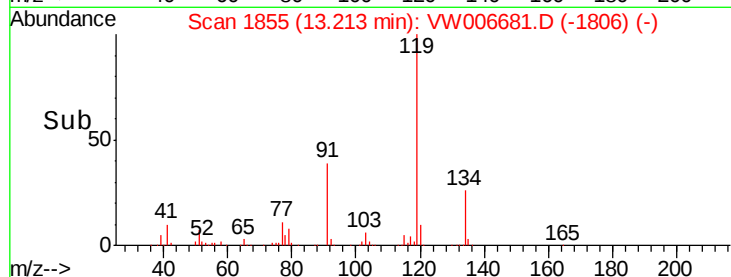
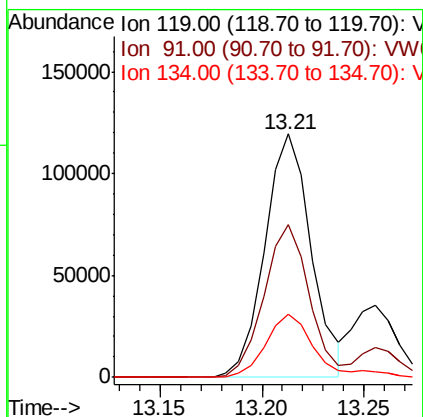
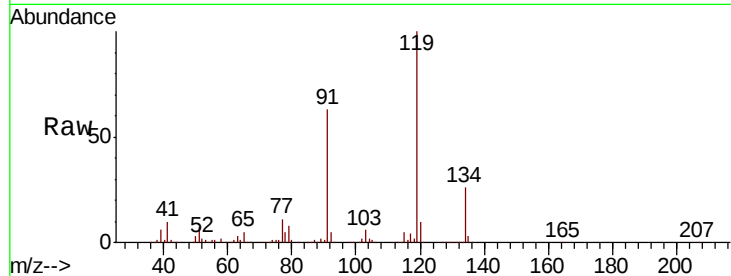
#83
tert-Butylbenzene
Concen: 21.318 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.4	91.3
134	25.7	13.5	40.4

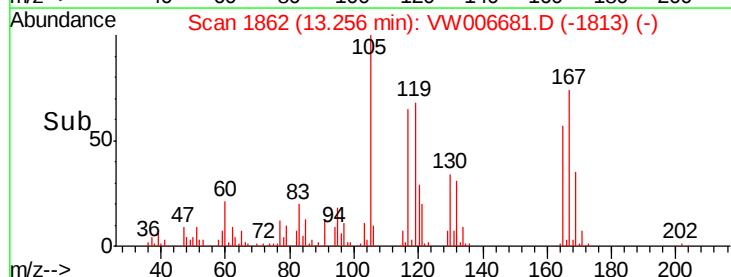
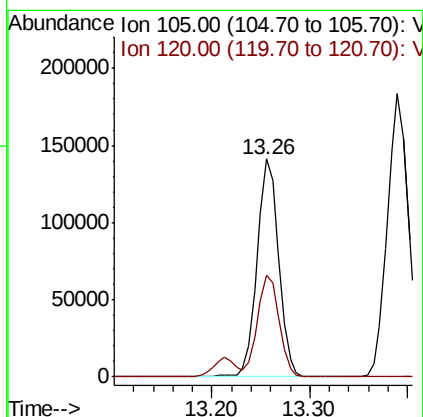
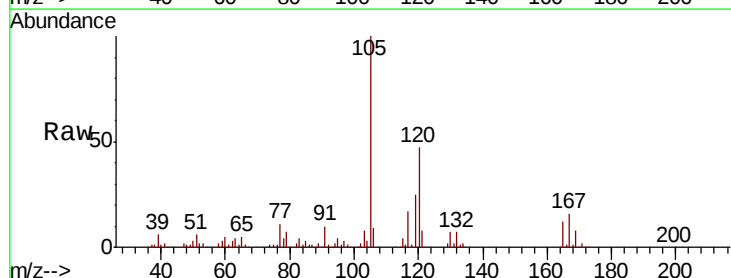
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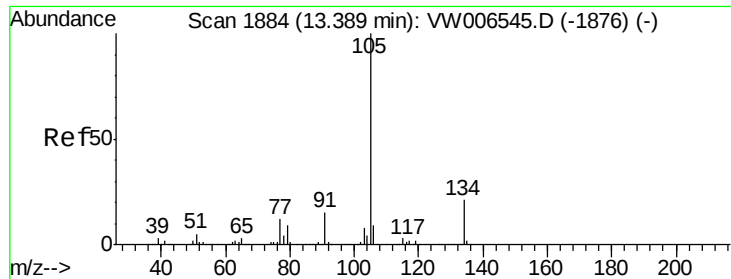
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#84
1,2,4-Trimethylbenzene
Concen: 21.183 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6





#85

sec-Butylbenzene

Concen: 22.124 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion:105 Resp: 274930

Ion Ratio Lower Upper

105 100

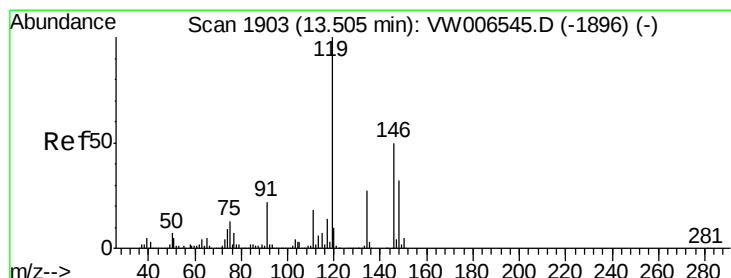
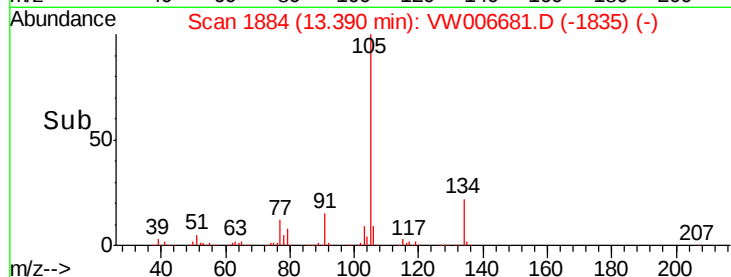
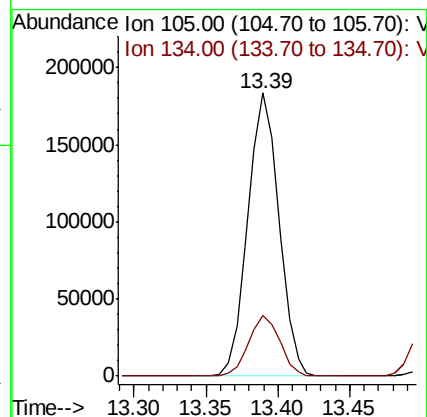
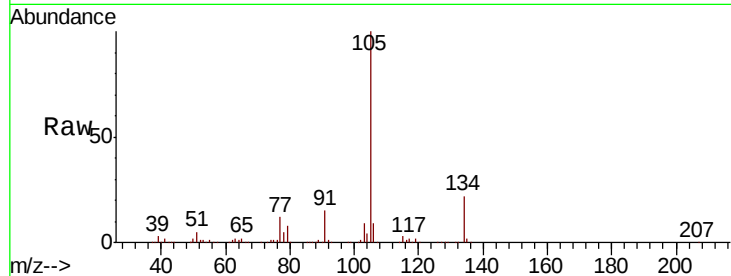
134 21.2 10.6 31.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.919 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

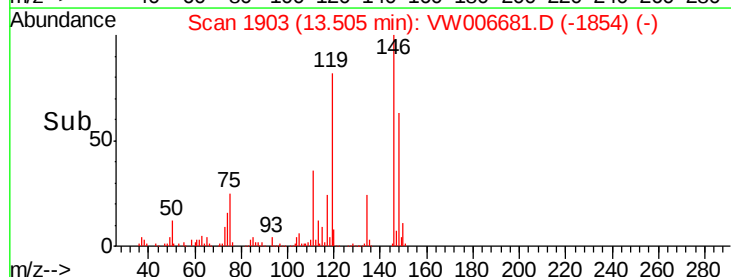
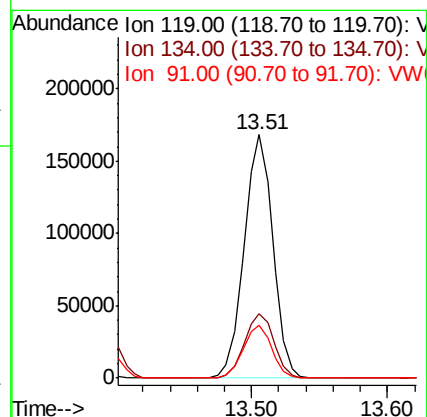
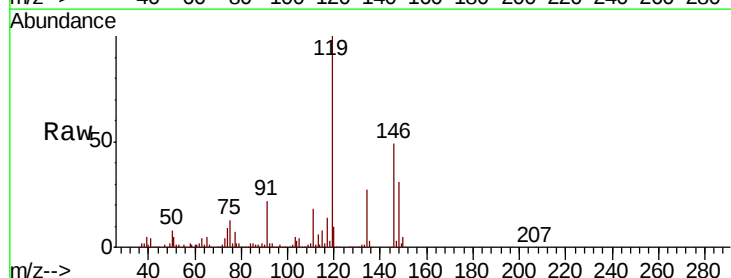
Tgt Ion:119 Resp: 247845

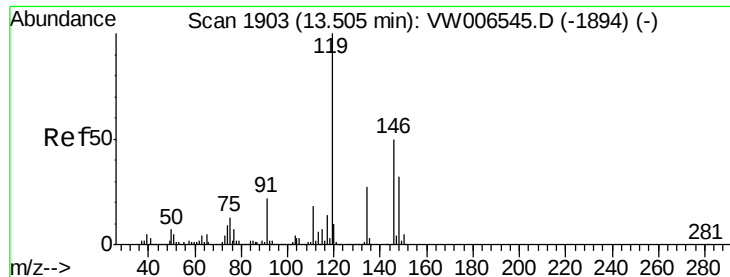
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 21.4 10.9 32.6





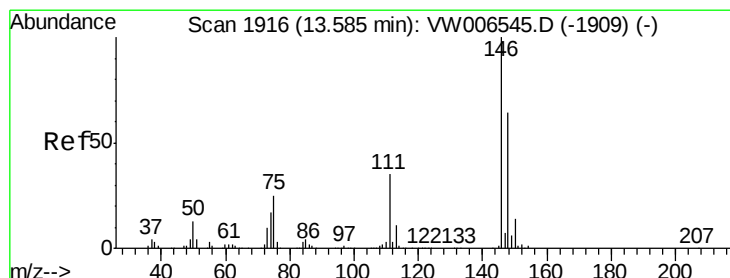
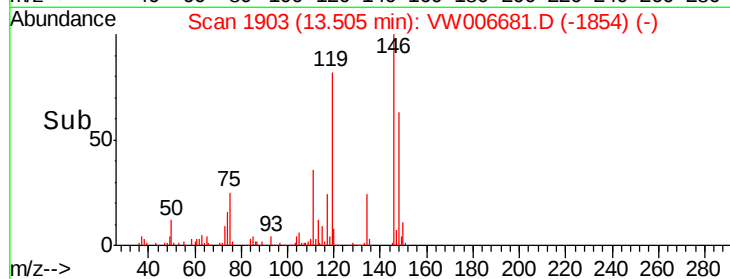
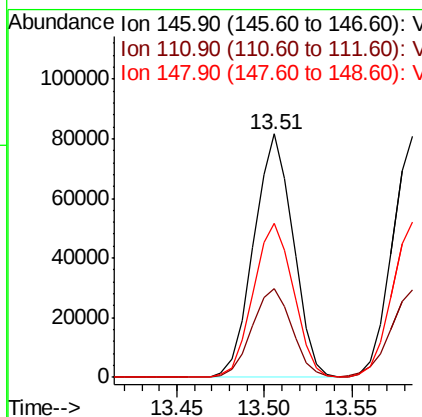
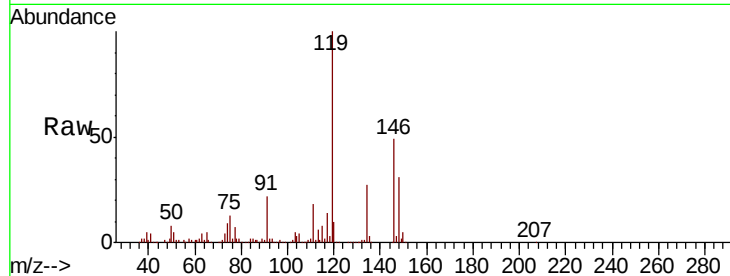
#87
 1,3-Dichlorobenzene
 Concen: 21.139 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.6
148	64.3	32.1	96.3

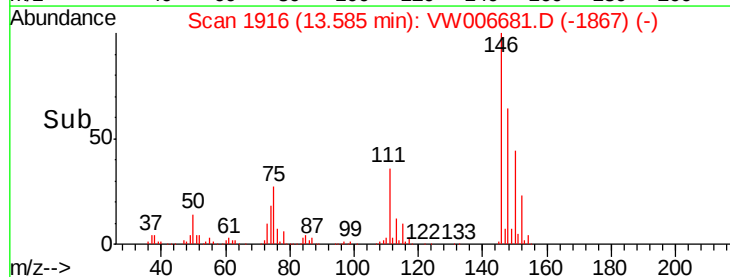
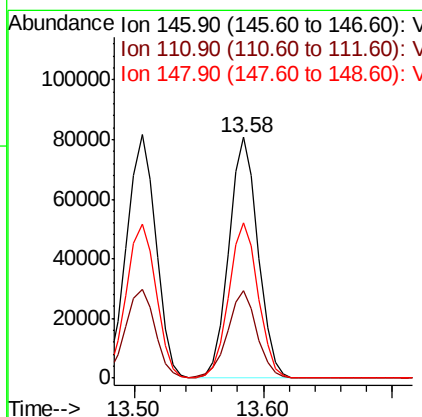
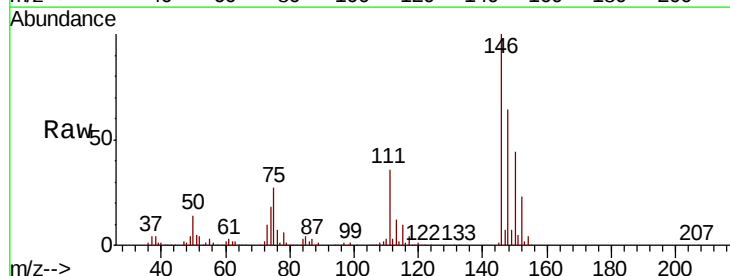
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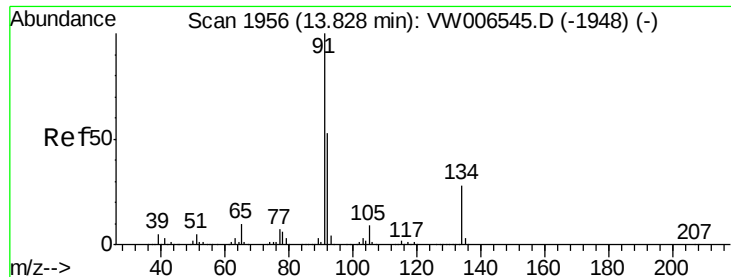
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#88
 1,4-Dichlorobenzene
 Concen: 21.245 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.9	53.7
148	65.0	32.1	96.5





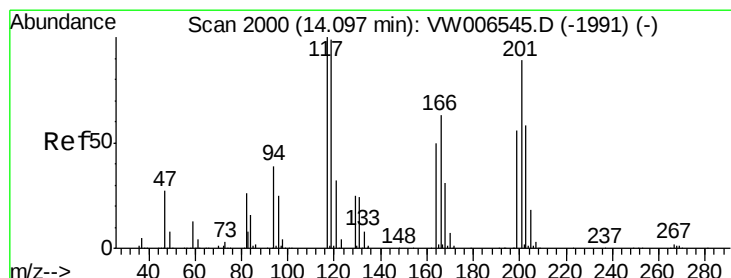
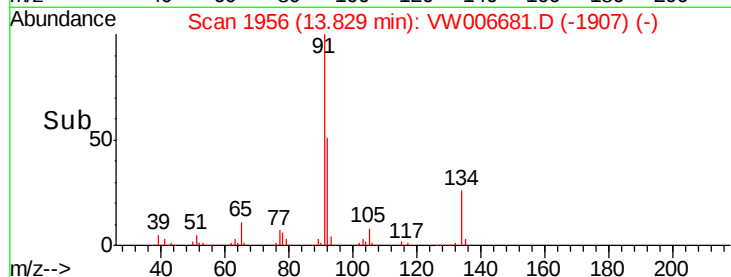
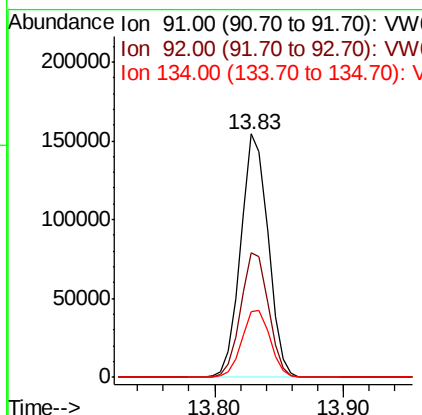
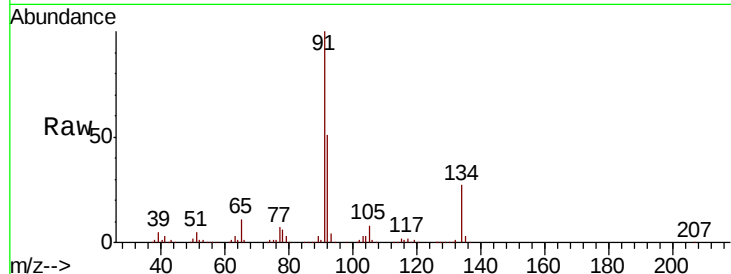
#89
n-Butylbenzene
Concen: 22.590 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.0
134	28.2	14.3	42.9

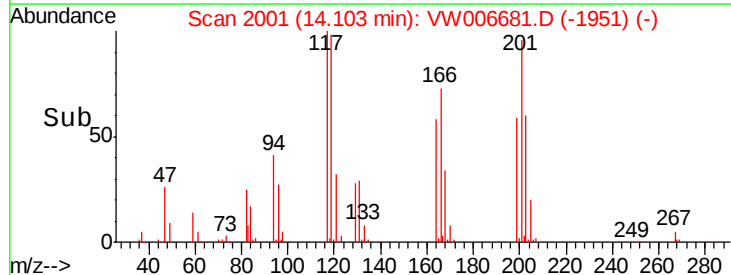
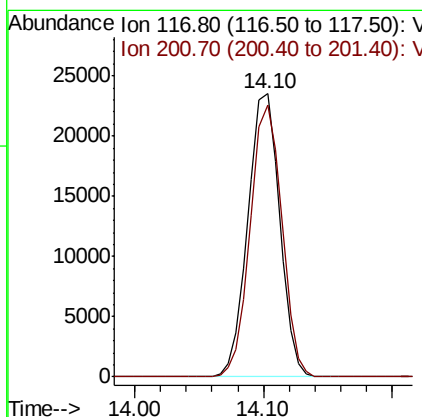
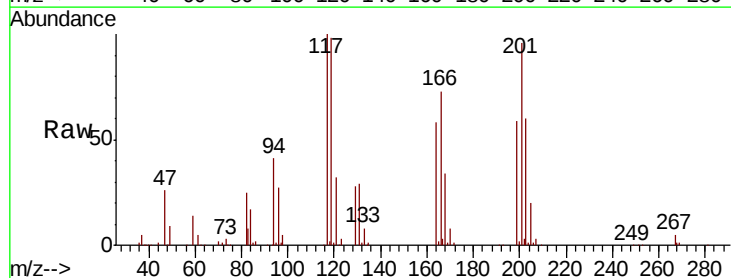
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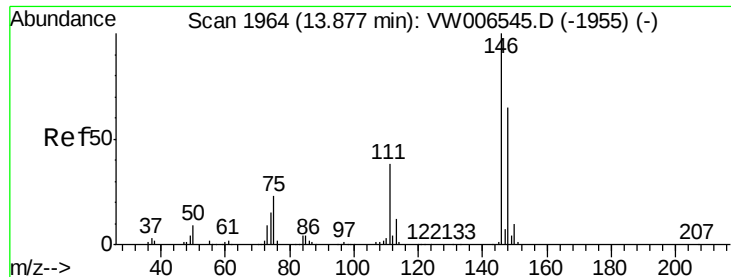
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#90
Hexachloroethane
Concen: 21.632 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.3	46.8	140.3





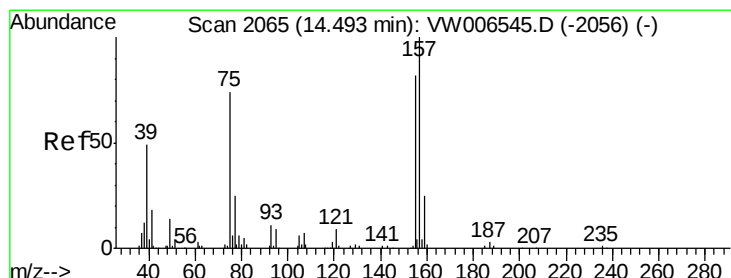
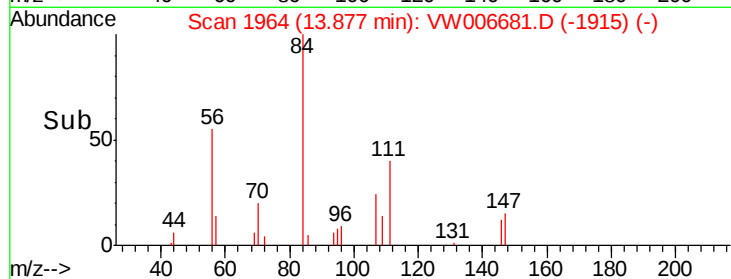
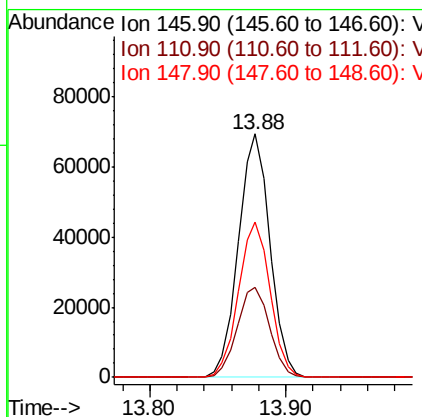
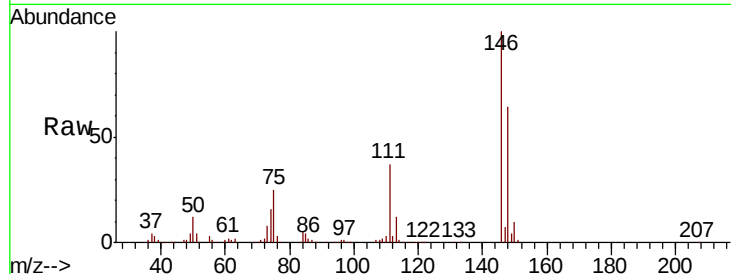
#91
 1,2-Dichlorobenzene
 Concen: 20.631 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	64.1	32.0	96.0

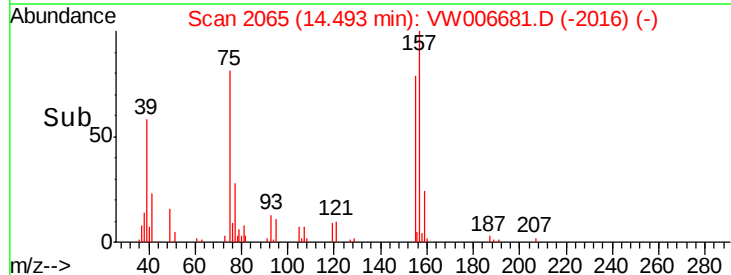
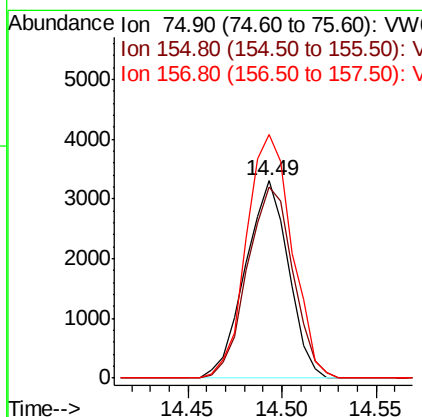
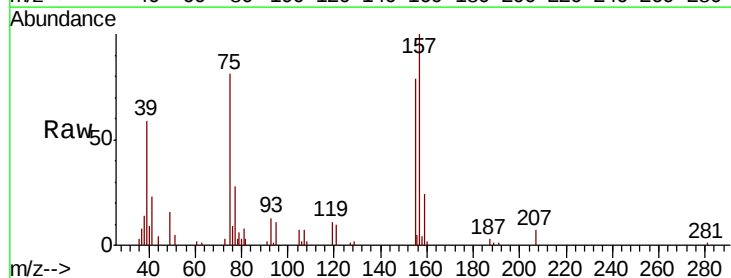
Manual Integrations
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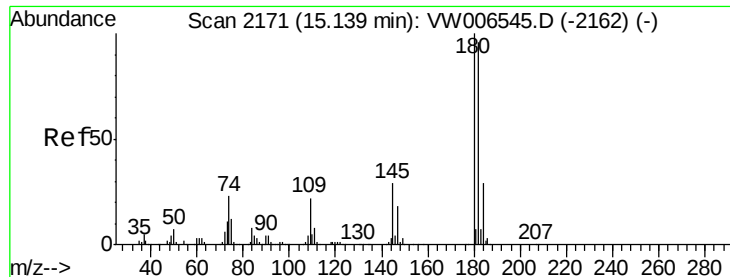
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.222 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.9	50.6	151.8
157	130.5	65.0	195.0





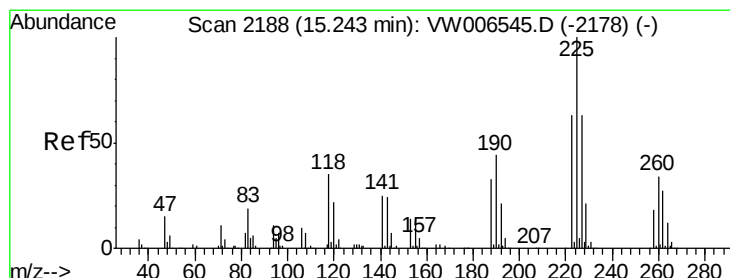
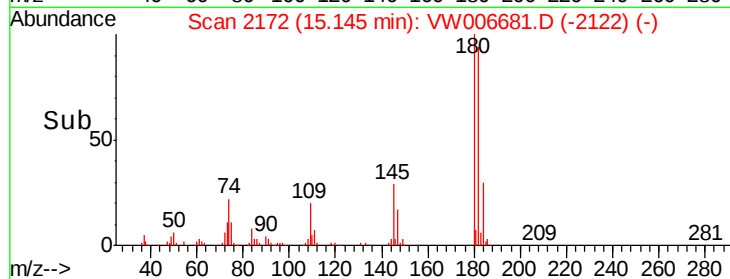
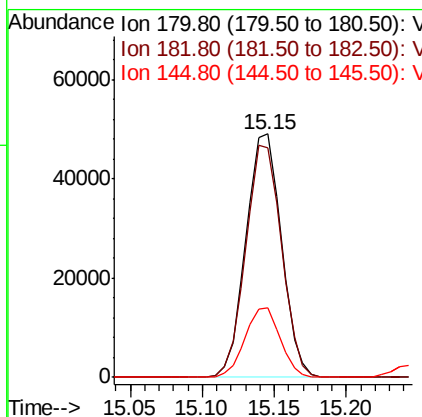
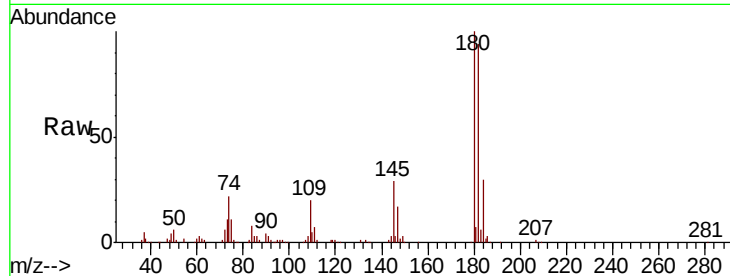
#93
 1,2,4-Trichlorobenzene
 Concen: 20.734 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	28.5	14.0	42.0

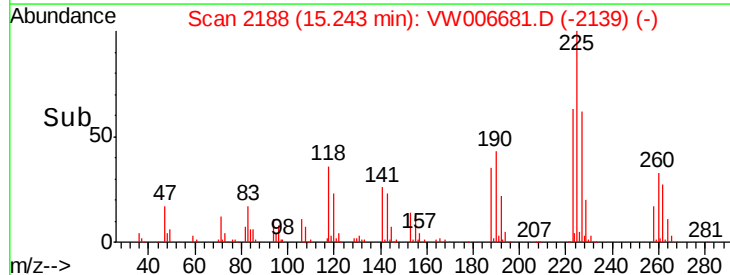
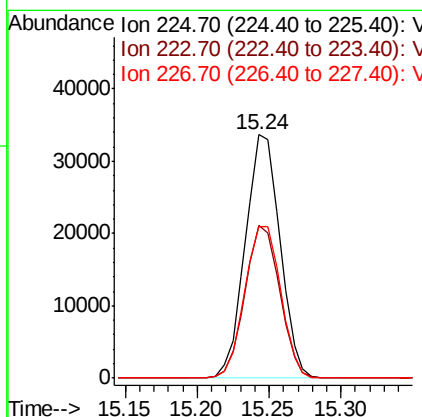
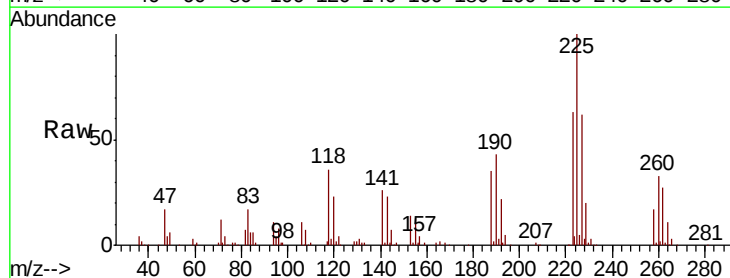
Manual Integrations
 APPROVED

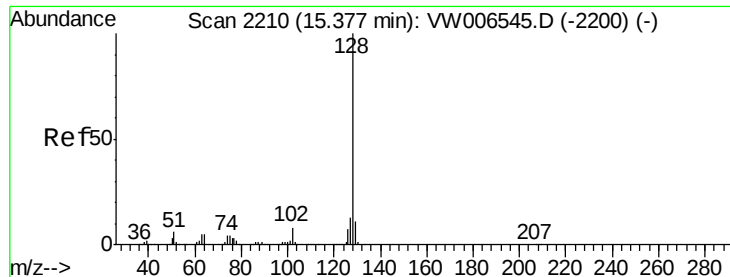
apatel
 11/7/2018 2:06:10 PM



#94
 Hexachlorobutadiene
 Concen: 22.327 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.2
227	64.7	32.2	96.6





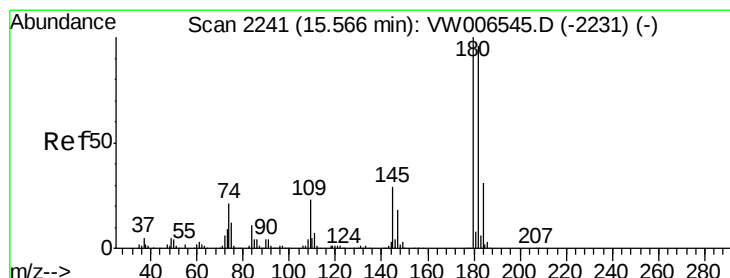
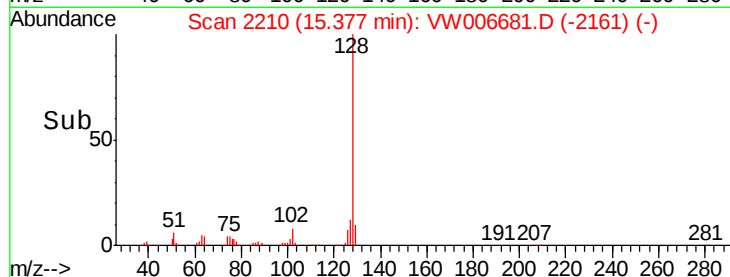
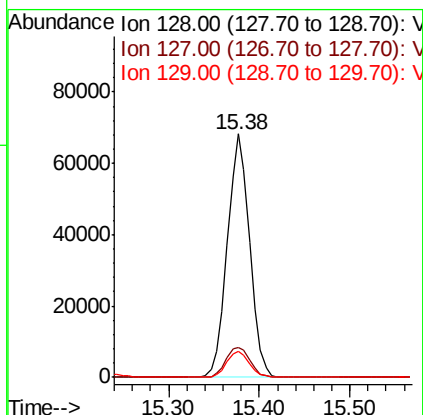
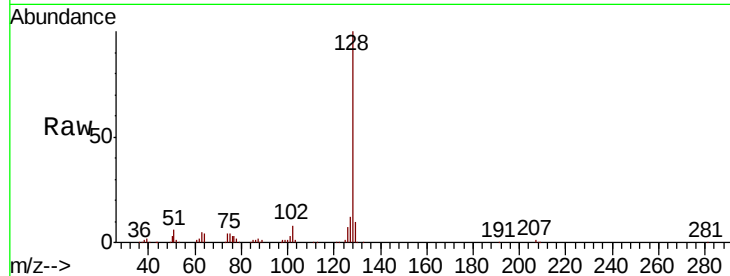
#95
Naphthalene
Concen: 17.897 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:10 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.028 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.2	144.6
145	29.5	14.9	44.5

