

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004835.D
 Acq On : 21 Aug 2018 12:36
 Operator : SY/AP
 Sample : VW0821SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Manual Integrations
 APPROVED

apatel
 8/22/2018 11:25:17 AM

Quant Time: Aug 22 05:33:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	623201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	907702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	853872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	457077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	277193	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	7.89	113	288255	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.33	98	1176670	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.62	95	413133	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	85243	20.65	ug/l	98
3) Chloromethane	2.21	50	109082	20.21	ug/l	99
4) Vinyl Chloride	2.37	62	184413	23.21	ug/l	99
5) Bromomethane	2.78	94	108666	22.15	ug/l	99
6) Chloroethane	2.93	64	106477	22.21	ug/l	97
7) Trichlorofluoromethane	3.25	101	91393	24.42	ug/l	99
8) Diethyl Ether	3.68	74	68461	20.23	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146391	22.71	ug/l	99
10) Methyl Iodide	4.26	142	212878	21.75	ug/l	99
11) Tert butyl alcohol	5.24	59	29466	87.54	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	137221	21.37	ug/l	95
13) Acrolein	3.90	56	44919	99.44	ug/l	98
14) Allyl chloride	4.67	41	203169	20.85	ug/l	99
15) Acrylonitrile	5.38	53	133748	94.25	ug/l	100
16) Acetone	4.14	43	156208	101.56	ug/l	97
17) Carbon Disulfide	4.37	76	458869	21.74	ug/l	100
18) Methyl Acetate	4.67	43	59768	18.13	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	166413	19.96	ug/l	98
20) Methylene Chloride	4.91	84	166703	21.26	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	145803	21.34	ug/l	98
22) Diisopropyl ether	6.32	45	407955	21.78	ug/l	97
23) Vinyl Acetate	6.26	43	1028551	97.07	ug/l	99
24) 1,1-Dichloroethane	6.21	63	258734	21.25	ug/l	98
25) 2-Butanone	7.18	43	202704	92.50	ug/l	99
26) 2,2-Dichloropropane	7.17	77	157213	22.36	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	154353	20.98	ug/l	99
28) Bromochloromethane	7.51	49	98122	19.14	ug/l	100
29) Tetrahydrofuran	7.54	42	99010	88.60	ug/l	99
30) Chloroform	7.68	83	249578	20.85	ug/l	99
31) Cyclohexane	7.96	56	253574	21.54	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	209664	22.09	ug/l	99
36) 1,1-Dichloropropene	8.09	75	207493	22.19	ug/l	100
37) Ethyl Acetate	7.26	43	72210	19.37	ug/l	98
38) Carbon Tetrachloride	8.07	117	196407	22.82	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	259222	22.17	ug/l	98
40) Benzene	8.32	78	598167	22.01	ug/l	99
41) Methacrylonitrile	7.49	41	39318	18.59	ug/l	94
42) 1,2-Dichloroethane	8.40	62	146440	21.01	ug/l	99
43) Isopropyl Acetate	8.43	43	128312	19.16	ug/l	97
44) Trichloroethene	9.09	130	148674	21.55	ug/l	99
45) 1,2-Dichloropropane	9.37	63	145168	21.84	ug/l	99
46) Dibromomethane	9.46	93	67869	20.61	ug/l	100
47) Bromodichloromethane	9.65	83	165743	21.07	ug/l	99
48) Methyl methacrylate	9.44	41	60497	19.26	ug/l	98
49) 1,4-Dioxane	9.48	88	20130	418.39	ug/l #	81
51) 4-Methyl-2-Pentanone	10.21	43	434879	96.10	ug/l	99
52) Toluene	10.39	92	368965	22.64	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	164580	20.77	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	199890	21.16	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	98763	21.10	ug/l	98
56) Ethyl methacrylate	10.65	69	108490	19.66	ug/l	99
57) 1,3-Dichloropropane	10.94	76	167905	20.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	267777	103.58	ug/l	99
59) 2-Hexanone	10.98	43	302359	98.61	ug/l	99
60) Dibromochloromethane	11.13	129	110235	20.99	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91077	20.35	ug/l	100
64) Tetrachloroethene	10.87	164	129092	22.12	ug/l	97
65) Chlorobenzene	11.66	112	399177	21.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	133464	21.51	ug/l	98
67) Ethyl Benzene	11.74	91	685160	21.99	ug/l	98
68) m/p-Xylenes	11.85	106	552728	45.60	ug/l	99
69) o-Xylene	12.17	106	247285	22.04	ug/l	98
70) Styrene	12.19	104	414822	22.01	ug/l	100
71) Bromoform	12.35	173	65304	19.94	ug/l #	97
73) Isopropylbenzene	12.47	105	695095	22.35	ug/l	99
74) N-amyl acetate	12.28	43	123148	19.57	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	117441	20.39	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	75634m	18.77	ug/l	
77) Bromobenzene	12.76	156	161546	21.46	ug/l	98
78) n-propylbenzene	12.81	91	863426	22.75	ug/l	100
79) 2-Chlorotoluene	12.90	91	487909	22.31	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	610199	23.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33461	19.30	ug/l	99
82) 4-Chlorotoluene	12.99	91	511877	22.03	ug/l	99
83) tert-Butylbenzene	13.21	119	502985	22.26	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	619687	22.80	ug/l	100
85) sec-Butylbenzene	13.39	105	769583	22.81	ug/l	100
86) p-Isopropyltoluene	13.51	119	672183	22.90	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	339115	22.15	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	336695	22.00	ug/l	100
89) n-Butylbenzene	13.83	91	634408	22.35	ug/l	99
90) Hexachloroethane	14.10	117	114736	21.44	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	295207	21.47	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17410	19.34	ug/l	99

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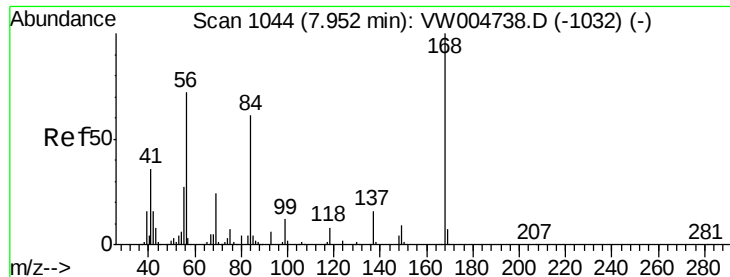
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	205488	21.13	ug/l	98
94) Hexachlorobutadiene	15.25	225	132276	22.16	ug/l	99
95) Naphthalene	15.38	128	321766	19.38	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	178543	20.70	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion:168 Resp: 623201

Ion Ratio Lower Upper

168 100

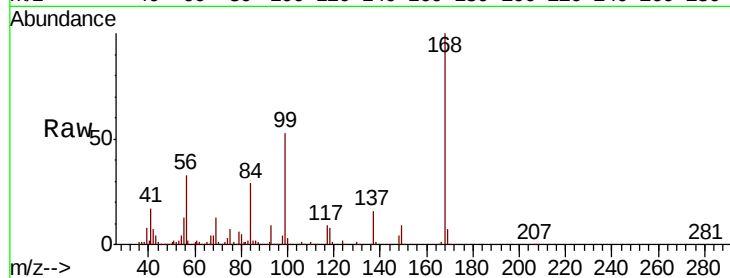
99 52.8 41.0 61.4

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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

300000

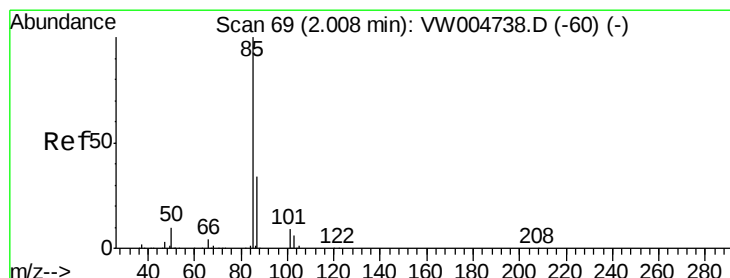
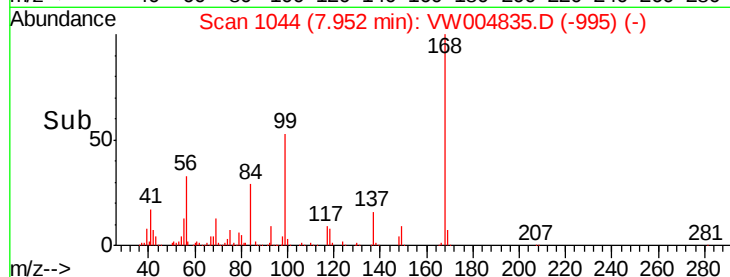
200000

100000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.65 ug/l

RT: 2.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VW004835.D

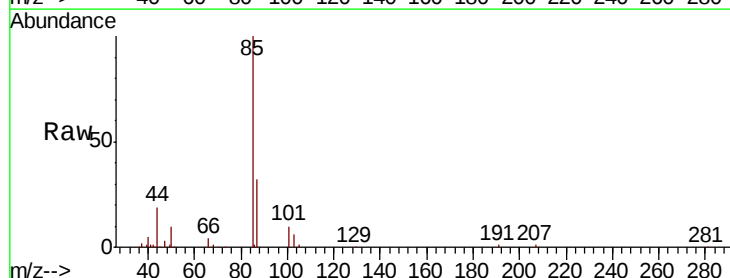
Acq: 21 Aug 2018 12:36

Tgt Ion: 85 Resp: 85243

Ion Ratio Lower Upper

85 100

87 32.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

15000

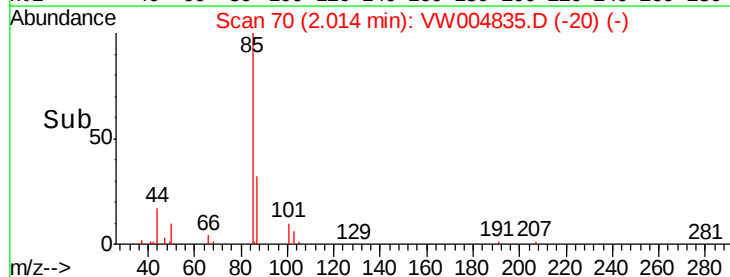
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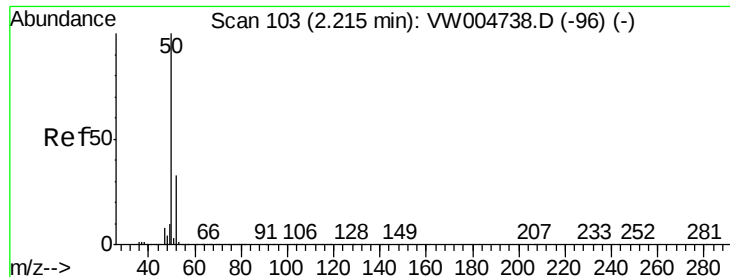
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 20.21 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 50 Resp: 109082

Ion Ratio Lower Upper

50 100

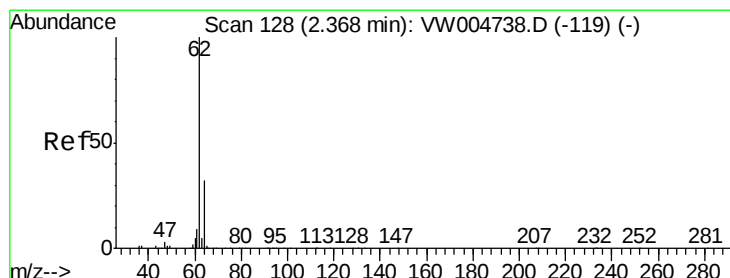
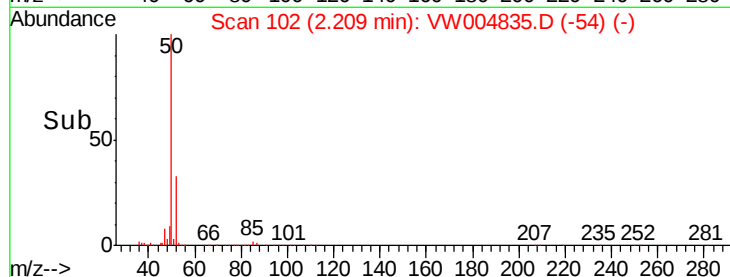
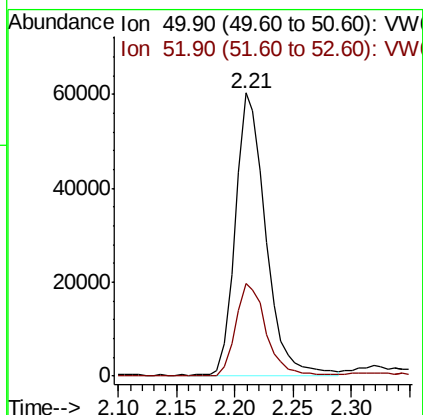
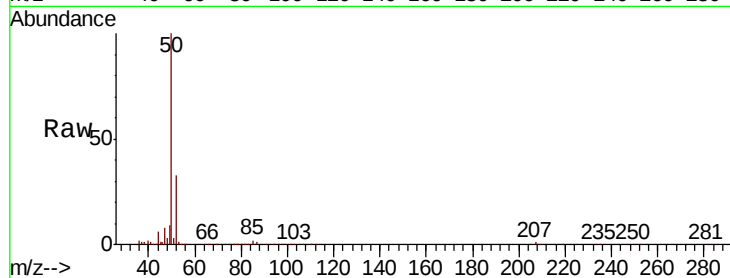
52 32.8 26.7 40.1

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#4

Vinyl Chloride

Concen: 23.21 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004835.D

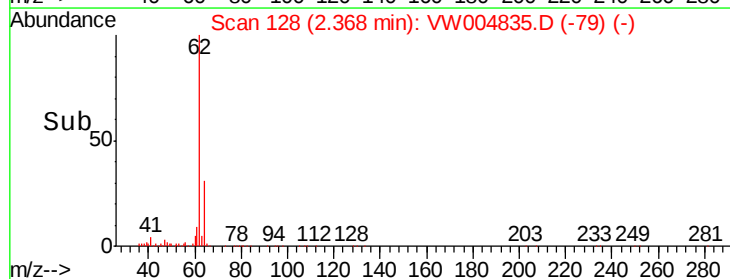
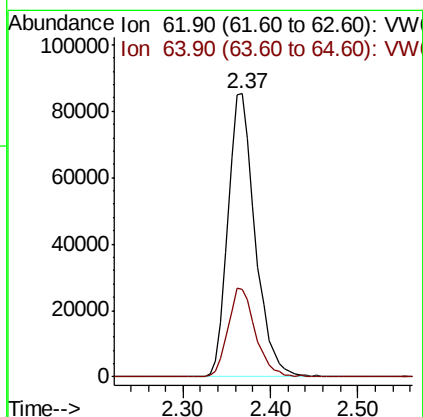
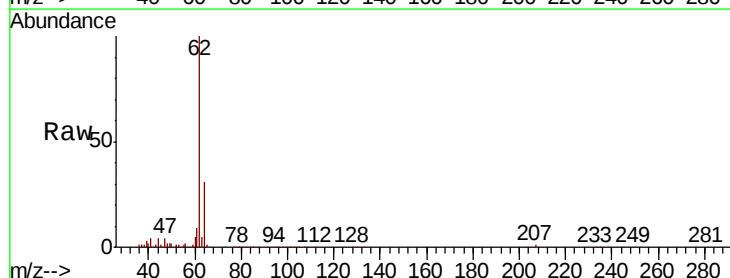
Acq: 21 Aug 2018 12:36

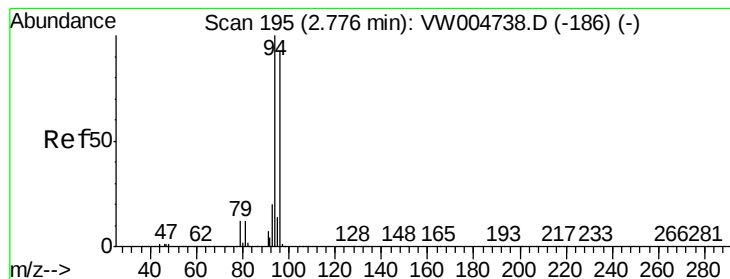
Tgt Ion: 62 Resp: 184413

Ion Ratio Lower Upper

62 100

64 30.8 25.2 37.8





#5

Bromomethane

Concen: 22.15 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 94 Resp: 108666

Ion Ratio Lower Upper

94 100

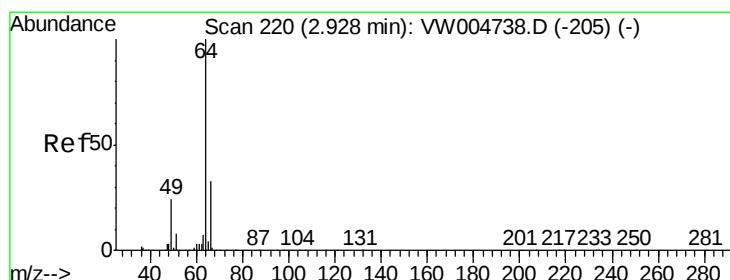
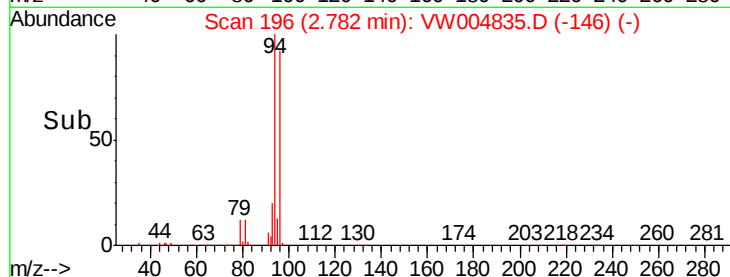
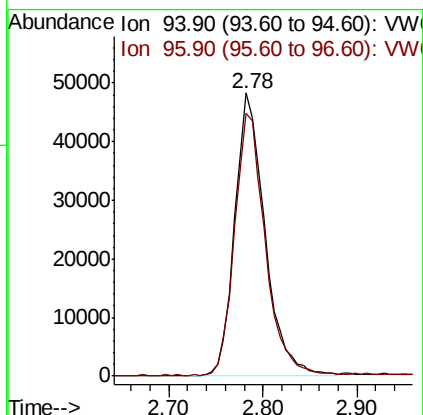
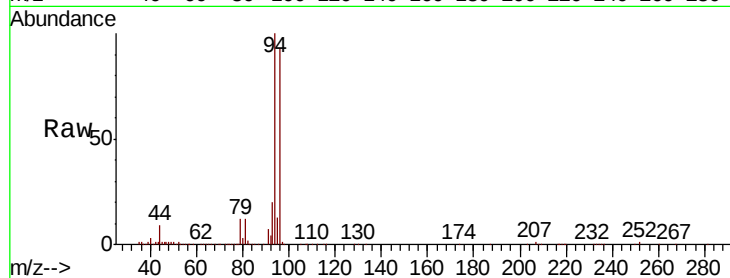
96 92.4 74.3 111.5

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#6

Chloroethane

Concen: 22.21 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004835.D

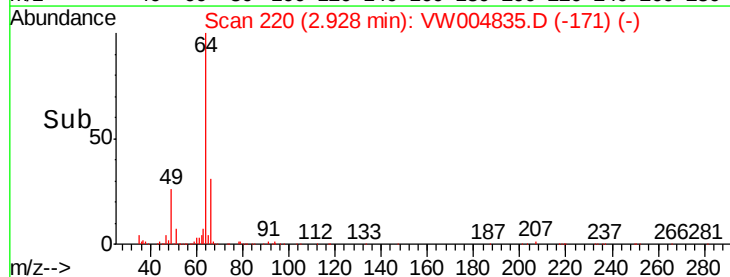
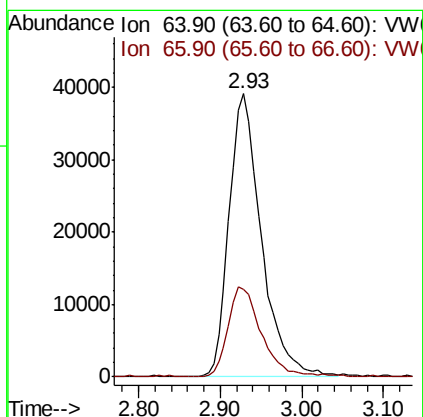
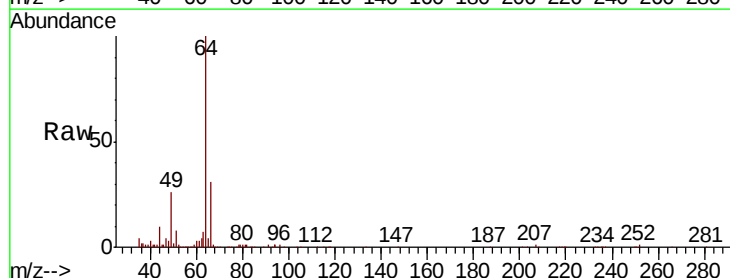
Acq: 21 Aug 2018 12:36

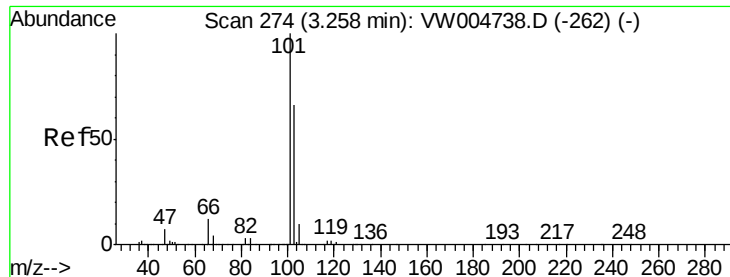
Tgt Ion: 64 Resp: 106477

Ion Ratio Lower Upper

64 100

66 30.8 26.1 39.1





#7

Trichlorofluoromethane

Concen: 24.42 ug/l

RT: 3.25 min Scan# 273

Delta R.T. -0.01 min

Lab File: VW004835.D

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Tot Ion:101 Resp: 91393

Ion Ratio Lower Upper

101 100

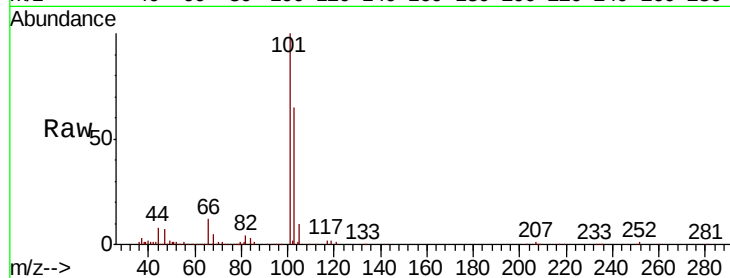
103 64.8 52.5 78.7

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.25

40000

30000

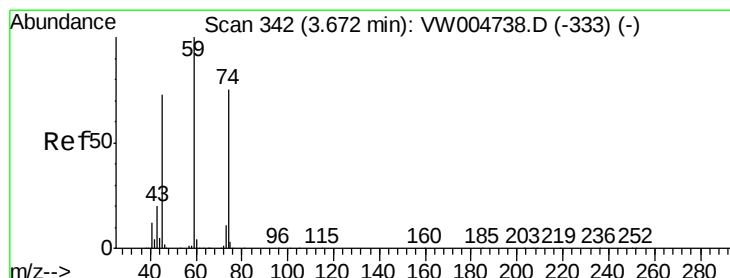
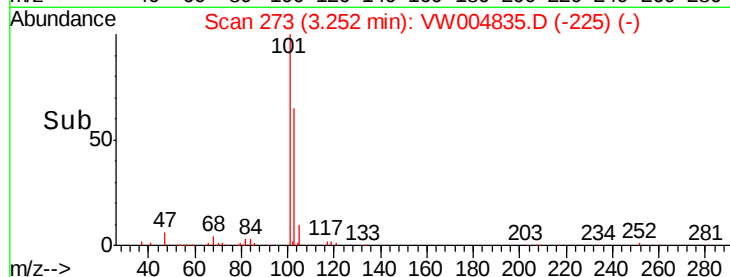
20000

10000

0

3.20 3.30 3.40

Time-->



#8

Diethyl Ether

Concen: 20.23 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.01 min

Lab File: VW004835.D

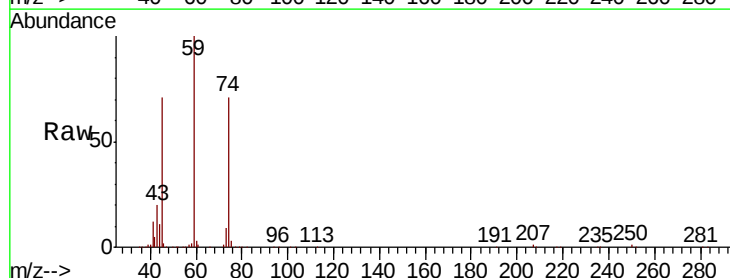
Acq: 21 Aug 2018 12:36

Tgt Ion: 74 Resp: 68461

Ion Ratio Lower Upper

74 100

45 98.1 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

30000

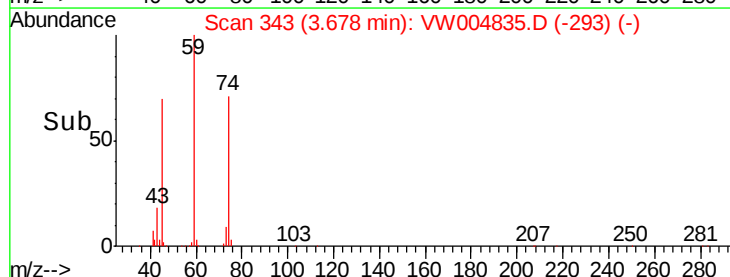
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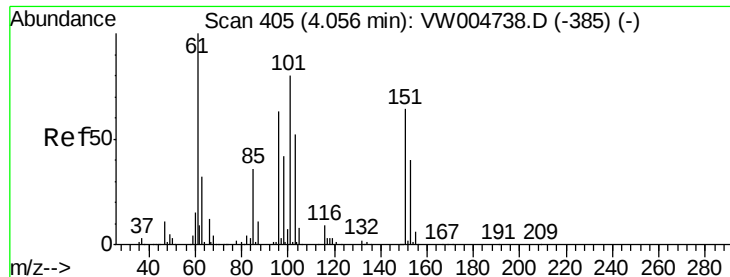
10000

0

3.60 3.70 3.80

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.71 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004835.D

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Instrument :

MSVOA_W

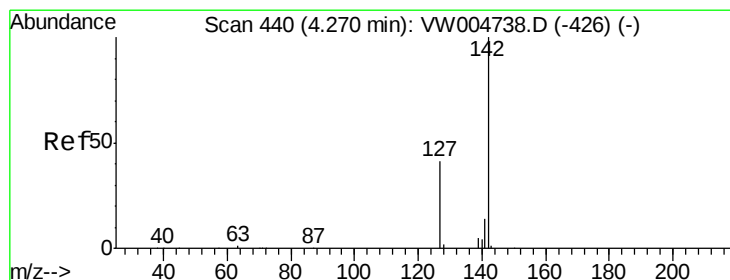
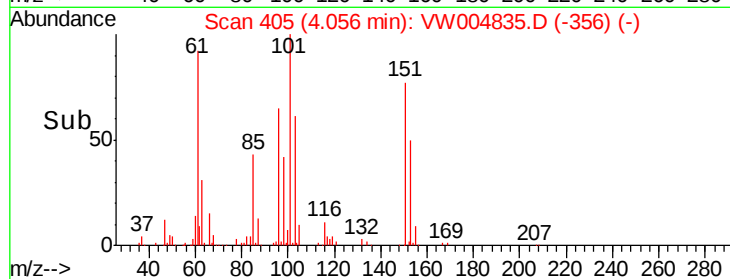
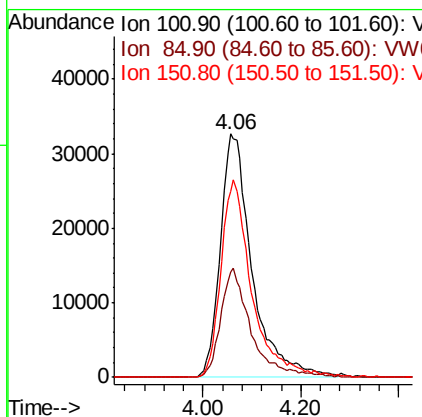
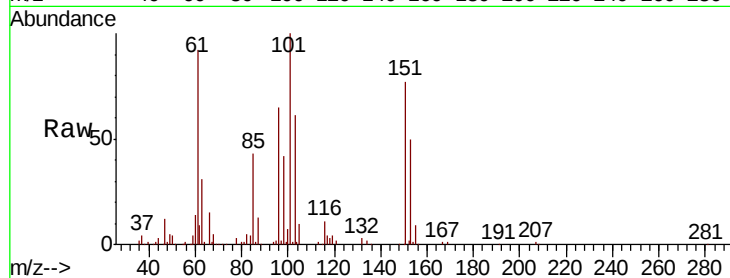
ClientSampleId :

VW0821SBS01

Tot Ion:	101	Resp:	146391
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.9	50.9
151	78.6	63.4	95.2

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#10

Methyl Iodide

Concen: 21.75 ug/l

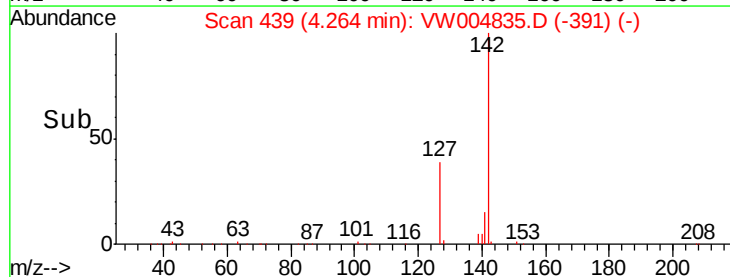
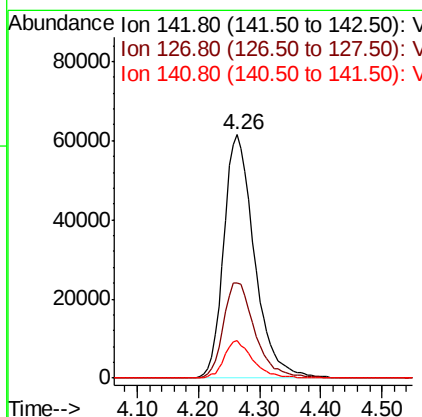
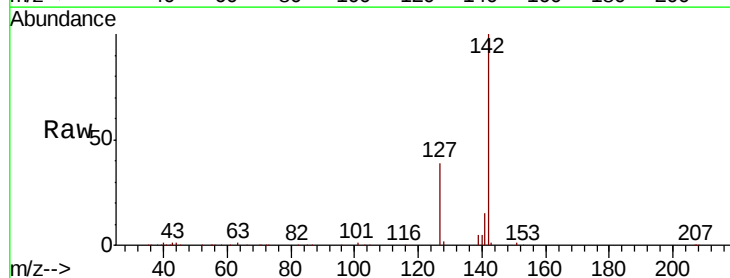
RT: 4.26 min Scan# 439

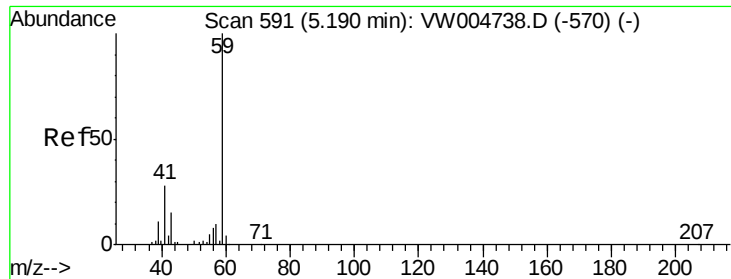
Delta R.T. -0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Tgt Ion:	142	Resp:	212878
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.1	48.1
141	14.4	11.7	17.5





#11

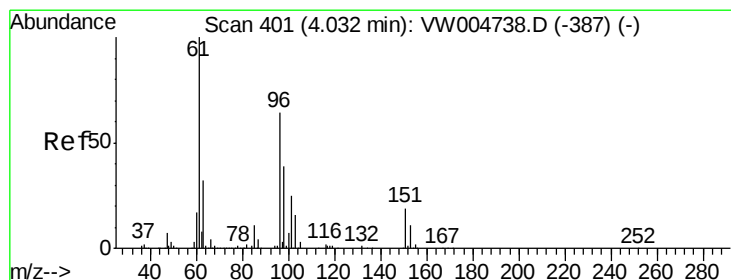
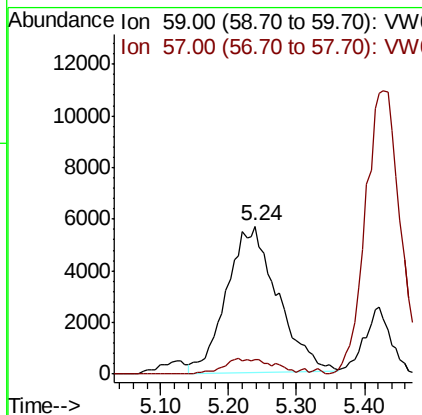
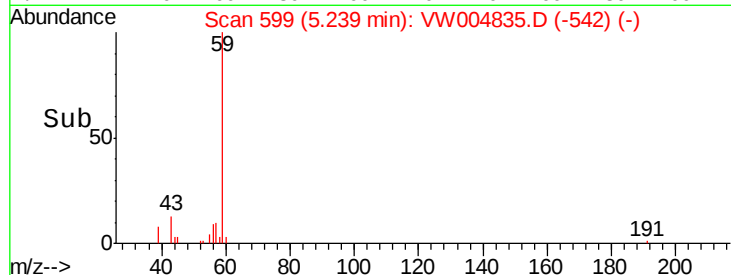
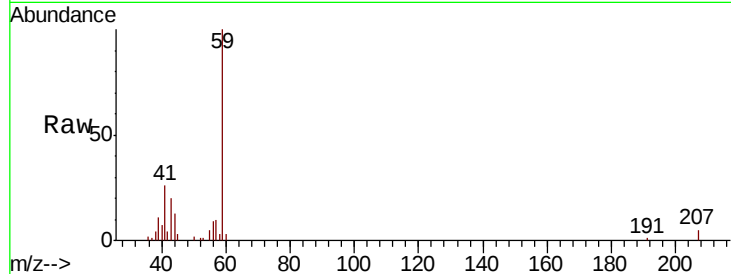
Tert butyl alcohol
Concen: 87.54 ug/l
RT: 5.24 min Scan# 599
Delta R.T. 0.05 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	29466		
57	57	0.0	8.4	12.6	#

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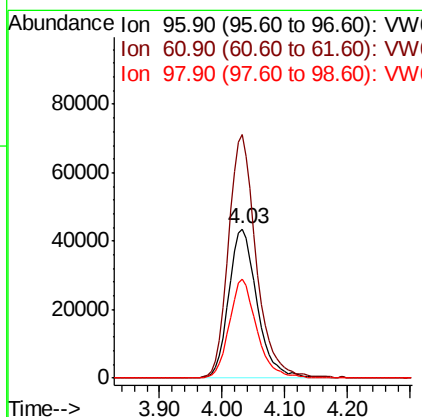
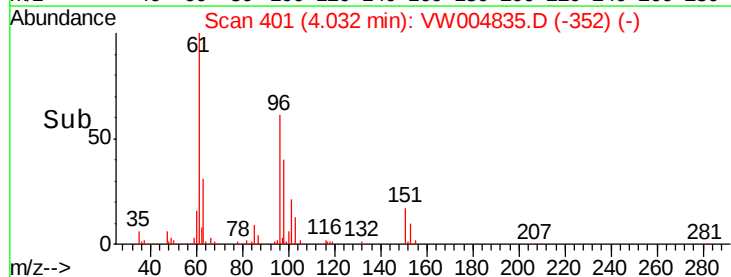
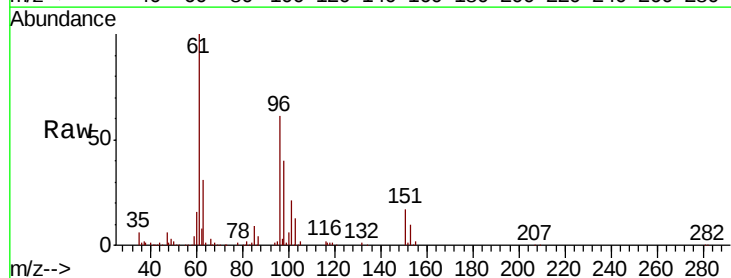
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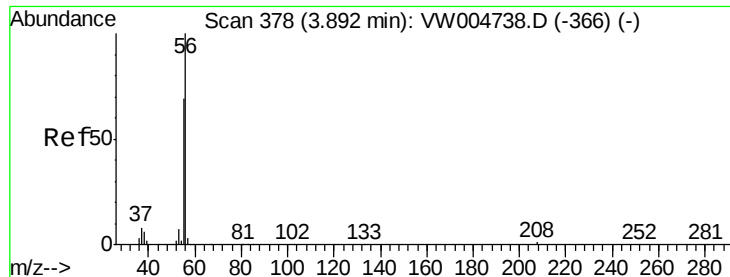


#12

1,1-Dichloroethene
Concen: 21.37 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	137221		
61	61	163.3	125.6	188.4	
98	98	66.0	49.4	74.0	





#13

Acrolein

Concen: 99.44 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 56 Resp: 44919

Ion Ratio Lower Upper

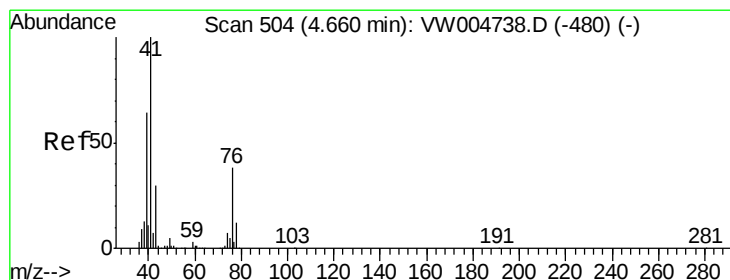
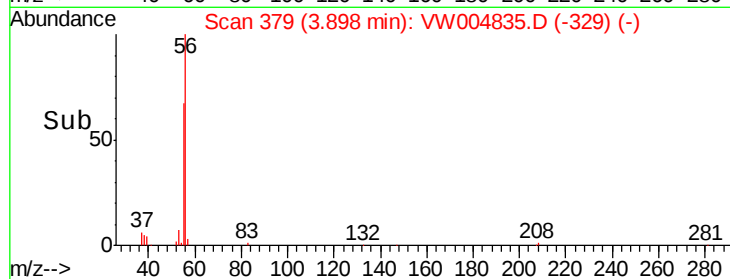
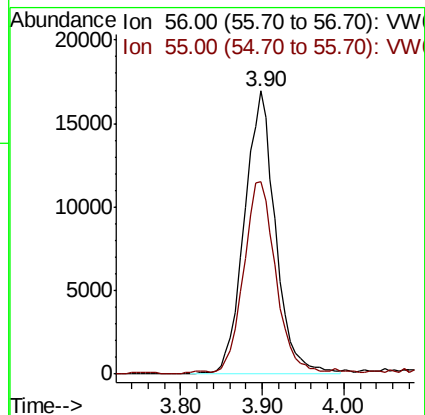
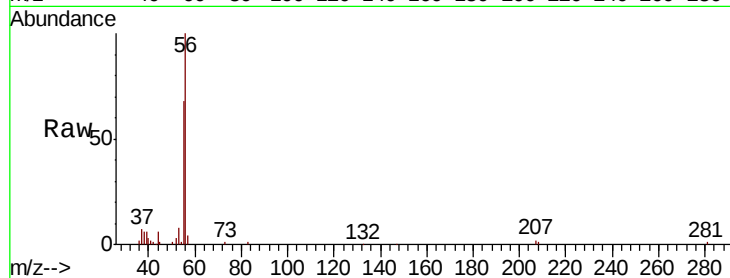
56 100

55 68.8 56.1 84.1

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#14

Allyl chloride

Concen: 20.85 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

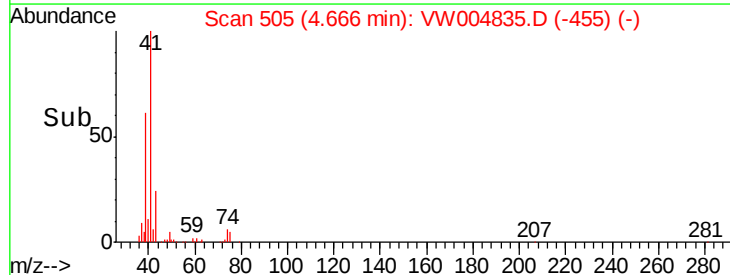
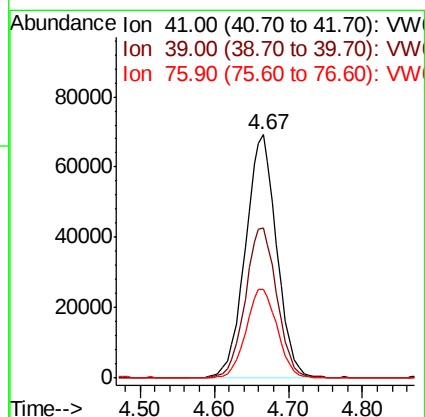
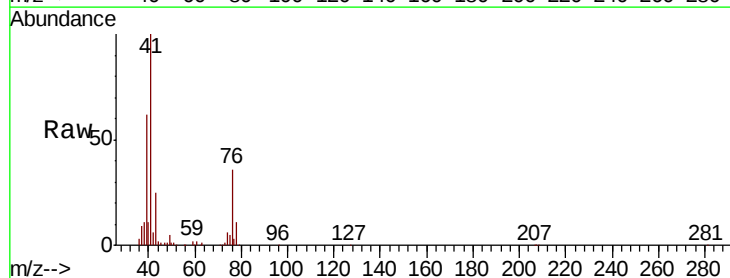
Tgt Ion: 41 Resp: 203169

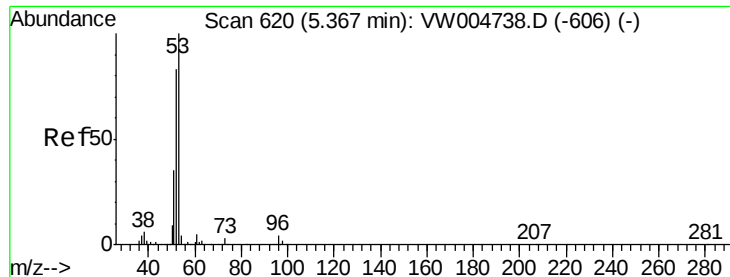
Ion Ratio Lower Upper

41 100

39 62.8 50.0 75.0

76 36.7 29.8 44.6





#15

Acrylonitrile

Concen: 94.25 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

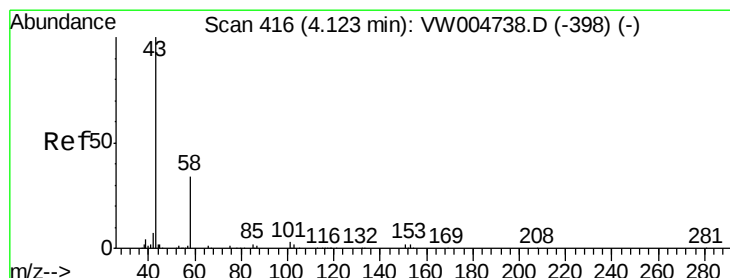
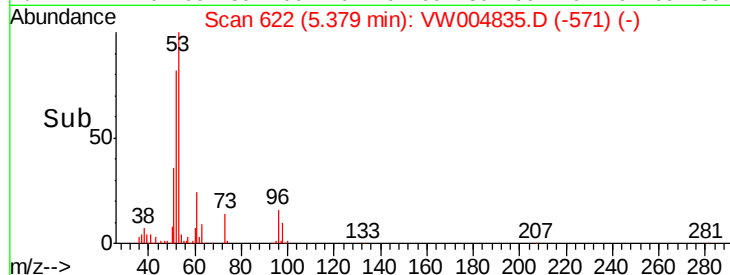
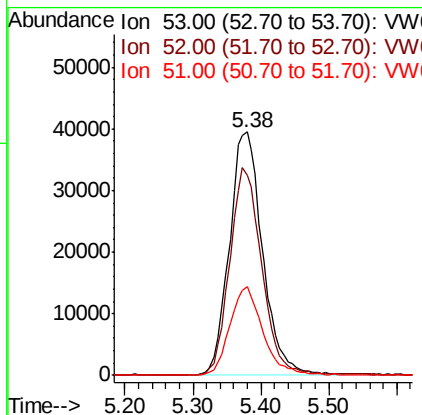
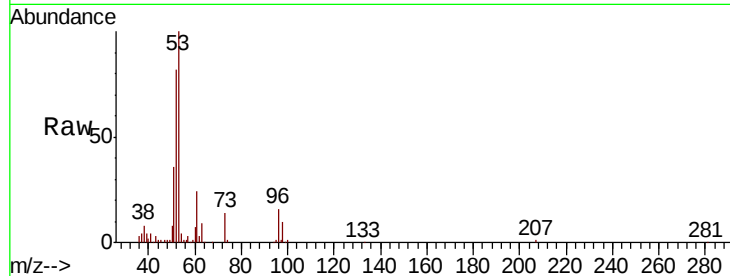
ClientSampled :

VW0821SBS01

Tot Ion:	53	Resp:	133748
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.8	98.6
51	36.1	28.7	43.1

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#16

Acetone

Concen: 101.56 ug/l

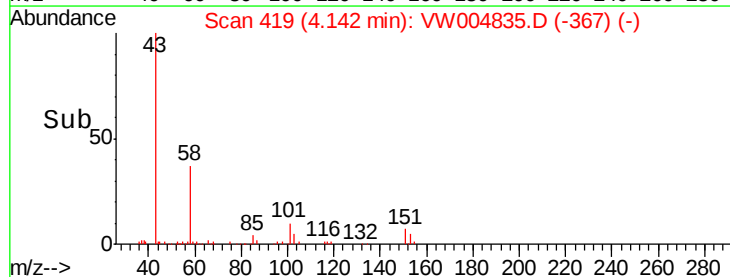
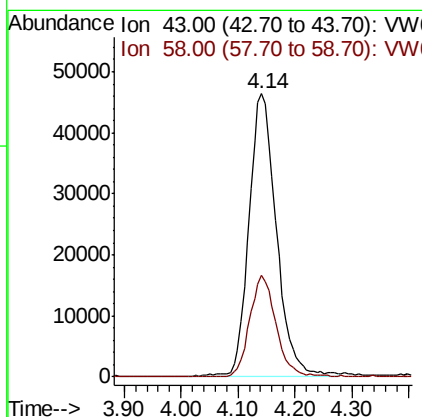
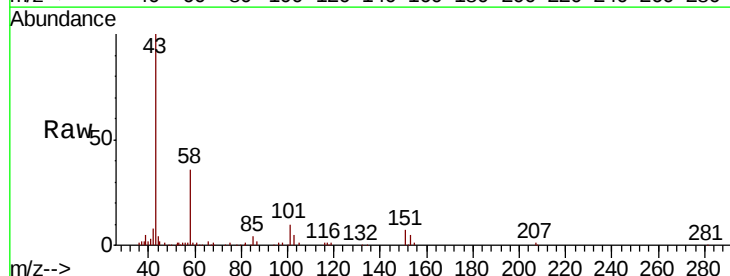
RT: 4.14 min Scan# 419

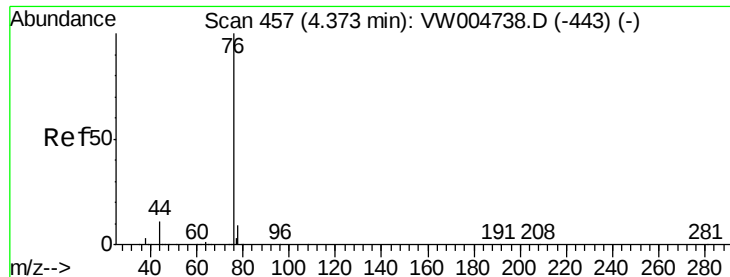
Delta R.T. 0.02 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Tgt Ion:	43	Resp:	156208
Ion Ratio	Lower	Upper	
43	100		
58	36.0	27.3	40.9





#17

Carbon Disulfide

Concen: 21.74 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 76 Resp: 458869

Ion Ratio Lower Upper

76 100

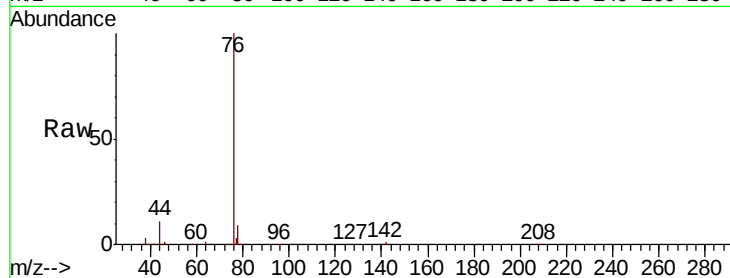
78 9.4 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

150000

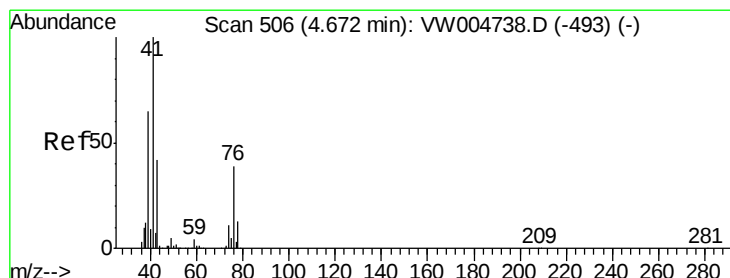
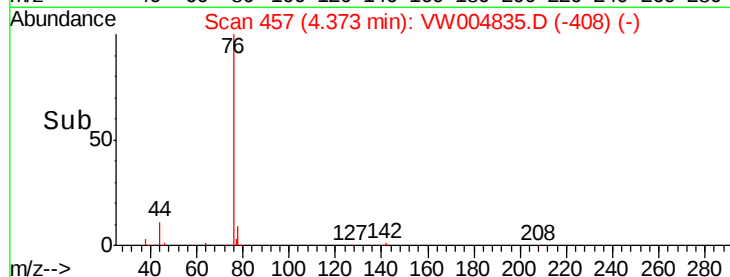
100000

50000

0

4.20 4.30 4.40 4.50

Time-->



#18

Methyl Acetate

Concen: 18.13 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW004835.D

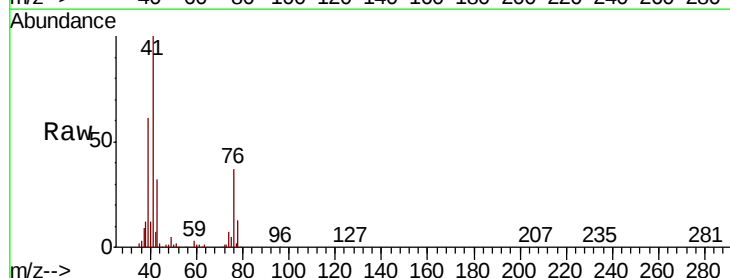
Acq: 21 Aug 2018 12:36

Tgt Ion: 43 Resp: 59768

Ion Ratio Lower Upper

43 100

74 25.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

20000

15000

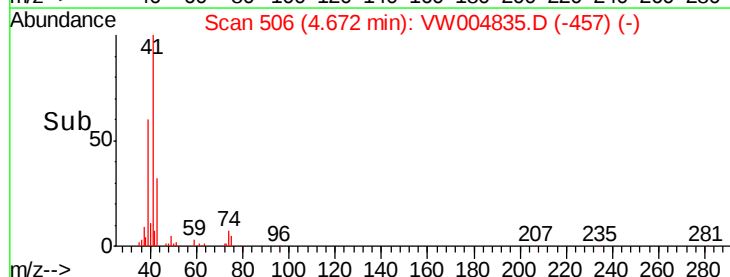
10000

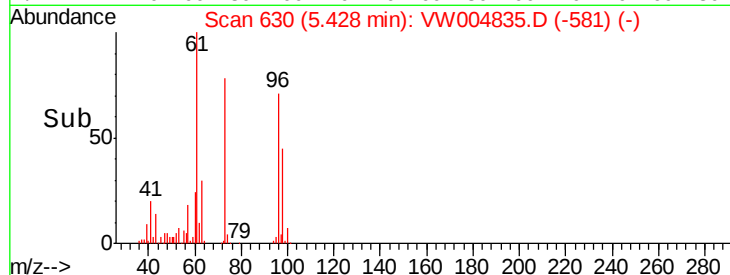
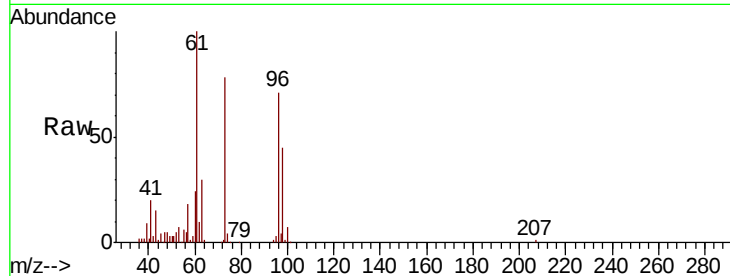
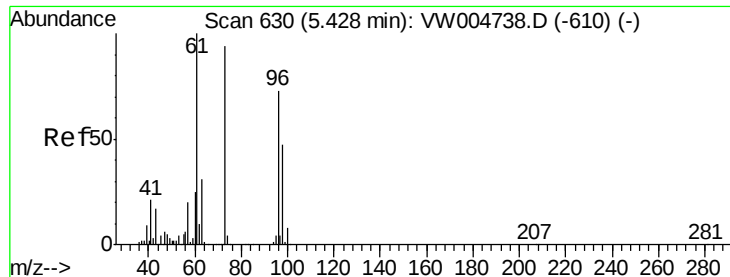
5000

0

4.50 4.60 4.70 4.80

Time-->





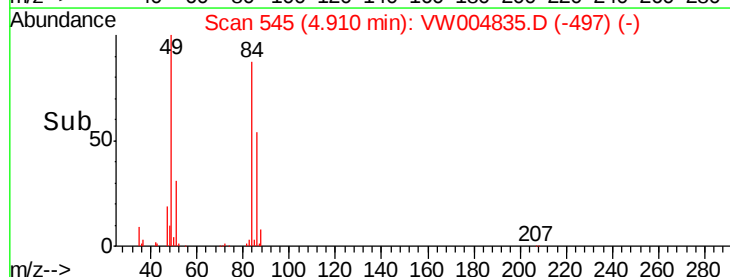
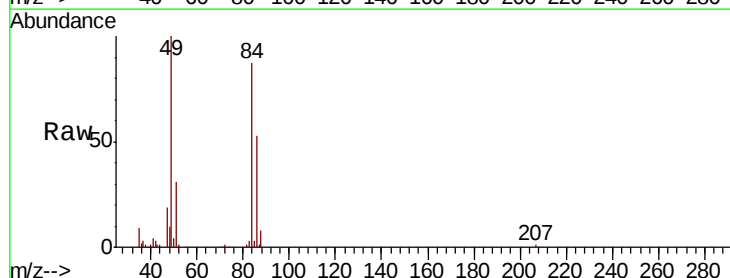
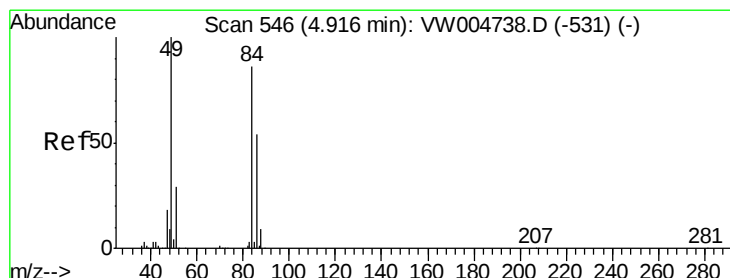
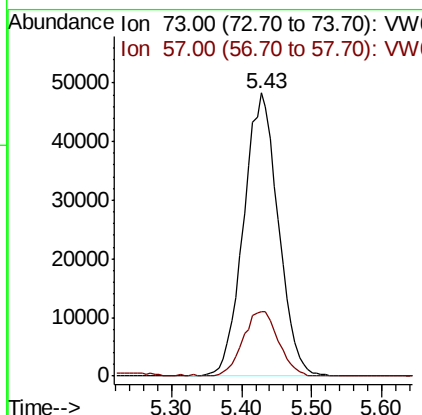
#19
Methvl tert-butvl Ether
Concen: 19.96 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tot Ion: 73 Resp: 166413
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

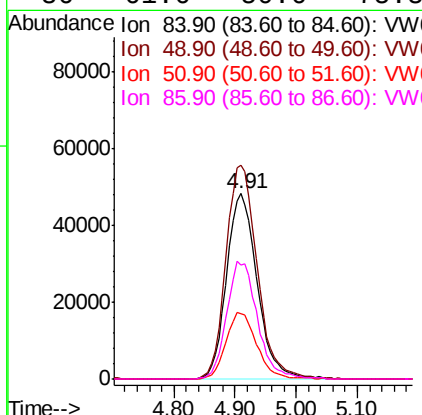
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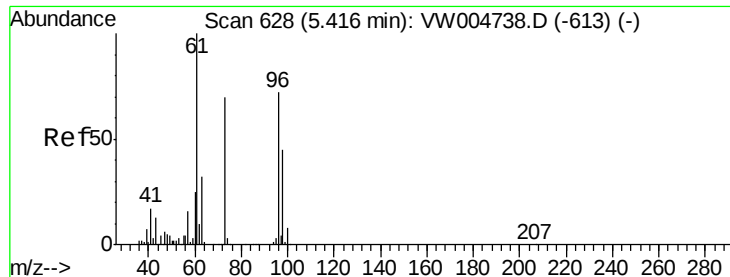
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#20
Methylene Chloride
Concen: 21.26 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion: 84 Resp: 166703
Ion Ratio Lower Upper
84 100
49 115.4 93.2 139.8
51 35.3 27.4 41.0
86 61.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.34 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

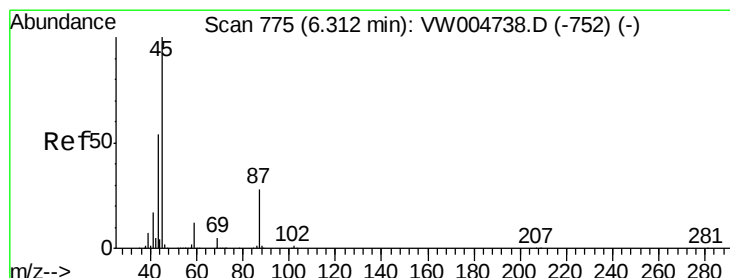
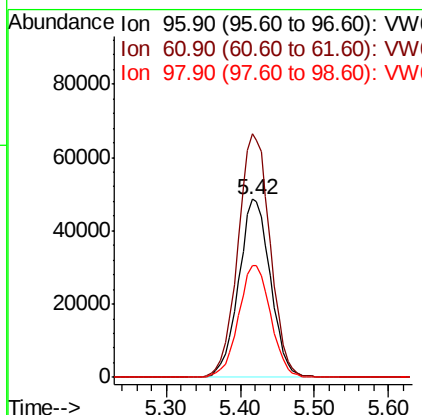
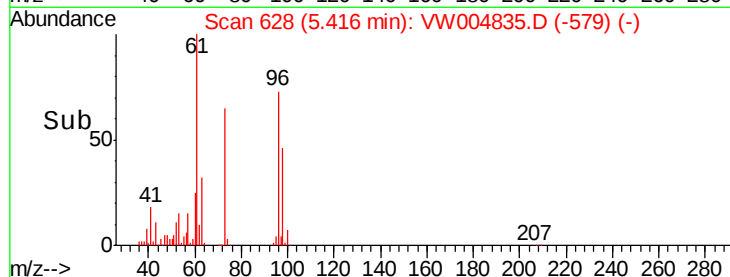
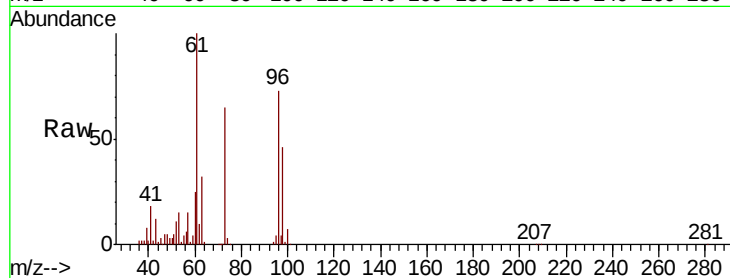
ClientSampleId :

VW0821SBS01

Tot Ion:	96	Resp:	145803
Ion	Ratio	Lower	Upper
96	100		
61	136.6	111.4	167.0
98	63.0	49.7	74.5

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#22

Diisopropyl ether

Concen: 21.78 ug/l

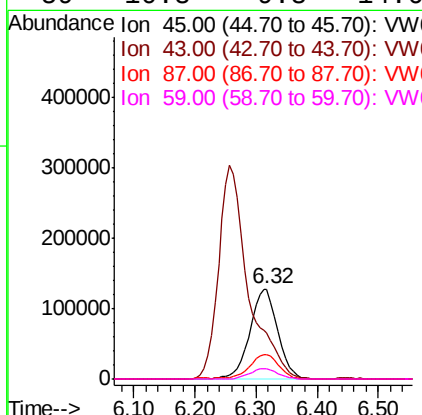
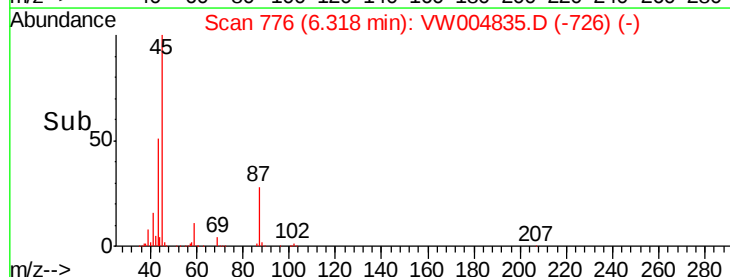
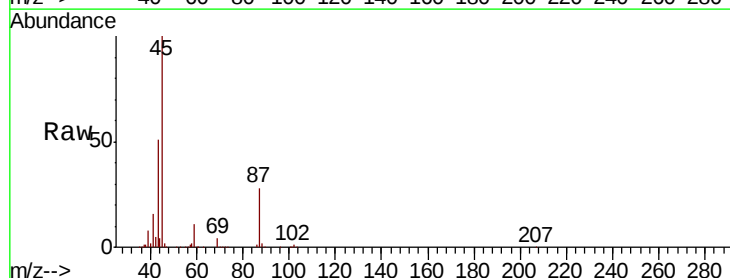
RT: 6.32 min Scan# 776

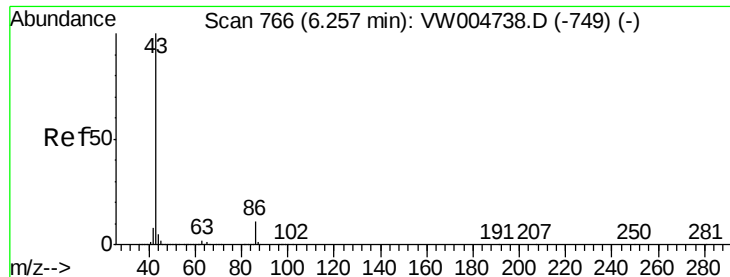
Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Tgt Ion:	45	Resp:	407955
Ion	Ratio	Lower	Upper
45	100		
43	51.0	43.0	64.6
87	27.5	22.2	33.4
59	10.8	9.8	14.6





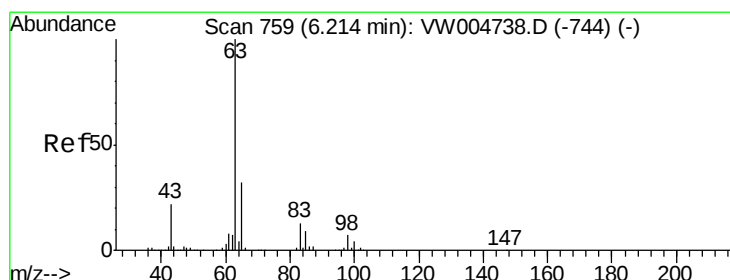
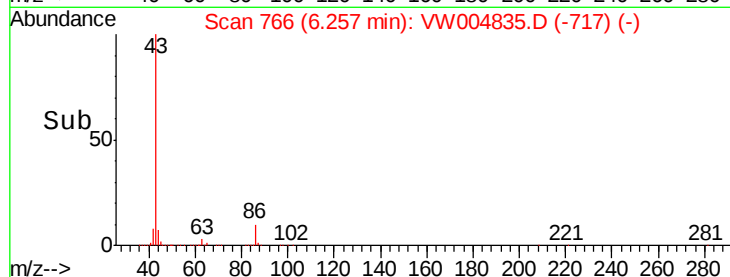
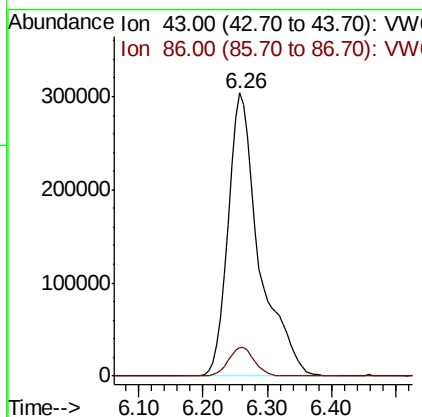
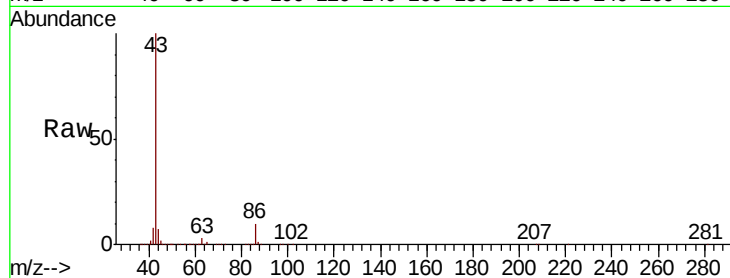
#23
 Vinyl Acetate
 Concen: 97.07 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion: 43 Resp: 1028551
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

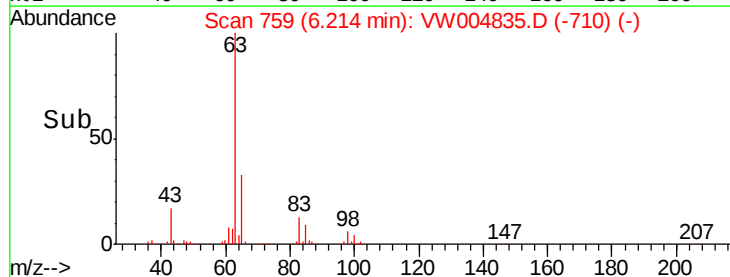
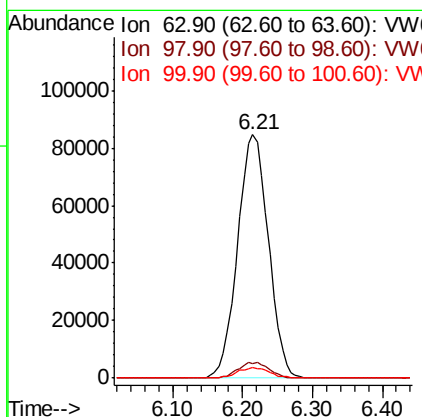
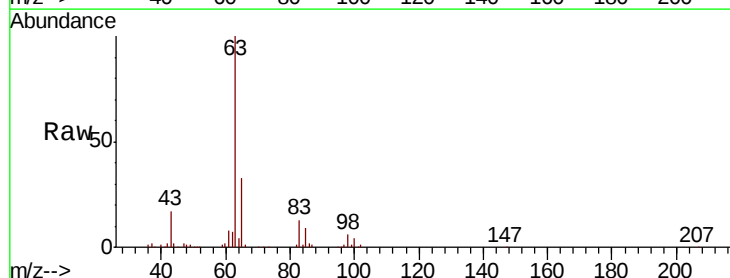
Manual Integrations
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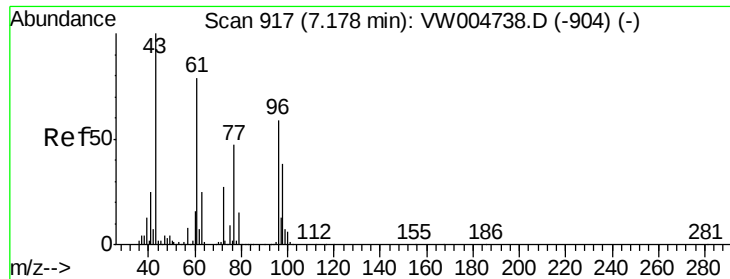
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#24
 1,1-Dichloroethane
 Concen: 21.25 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion: 63 Resp: 258734
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 92.50 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

VW0821SBS01

Tot Ion: 43 Resp: 202704

Ion Ratio Lower Upper

43 100

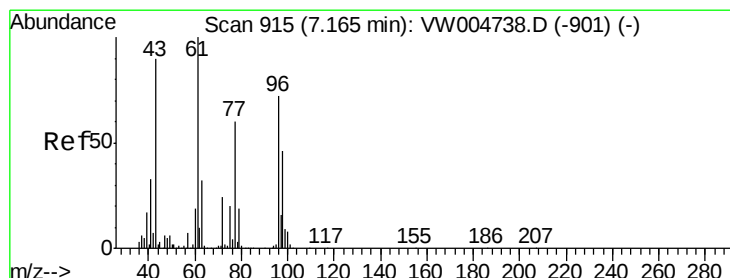
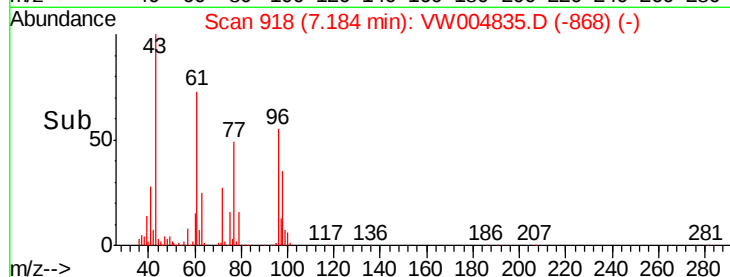
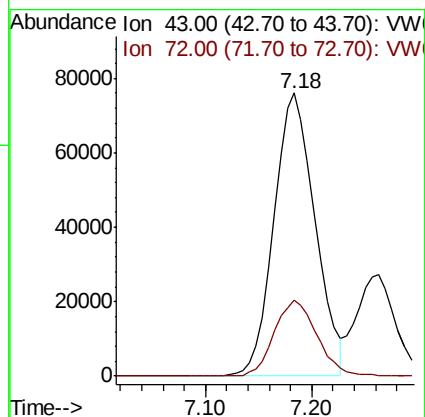
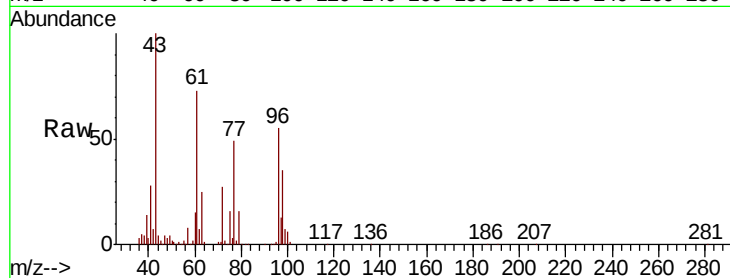
72 26.9 22.0 33.0

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#26

2,2-Dichloropropane

Concen: 22.36 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004835.D

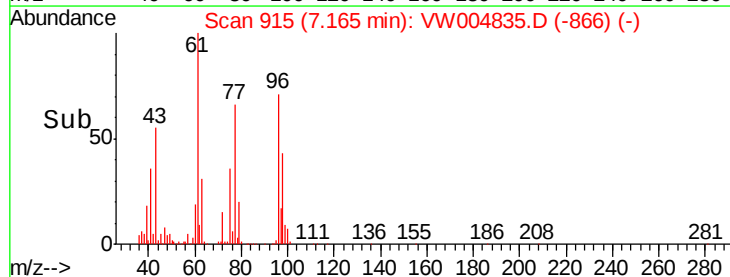
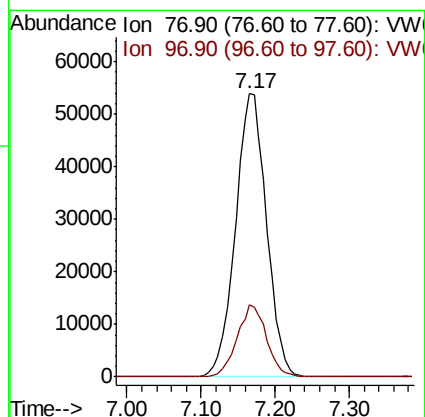
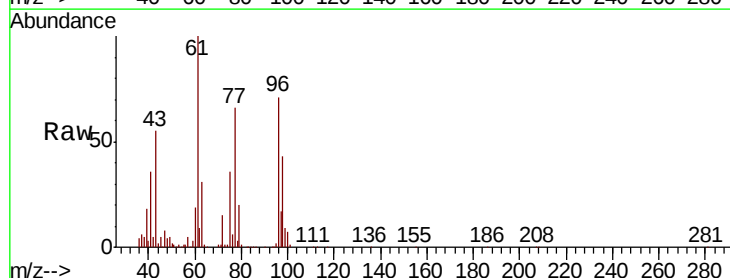
Acq: 21 Aug 2018 12:36

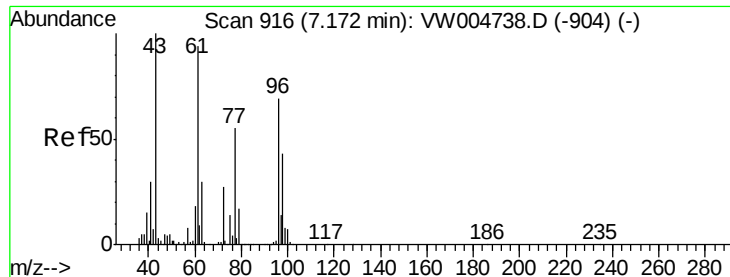
Tgt Ion: 77 Resp: 157213

Ion Ratio Lower Upper

77 100

97 24.0 12.6 37.8





#27

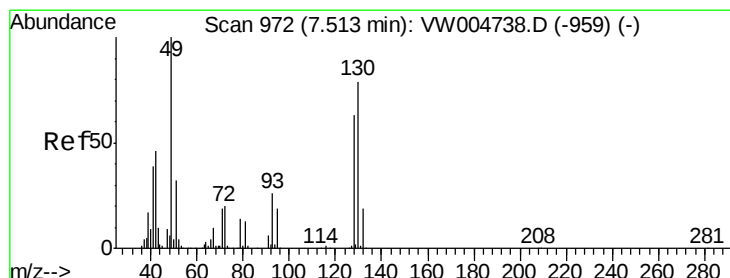
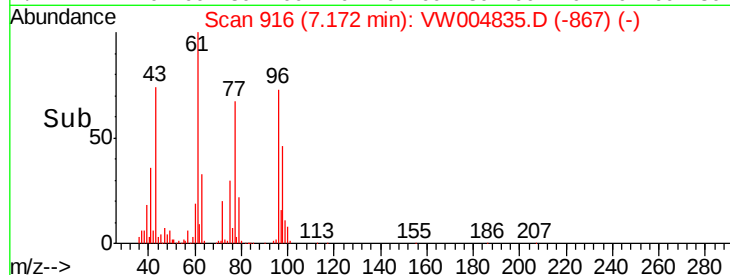
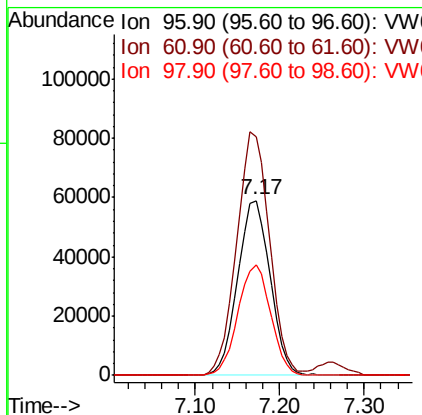
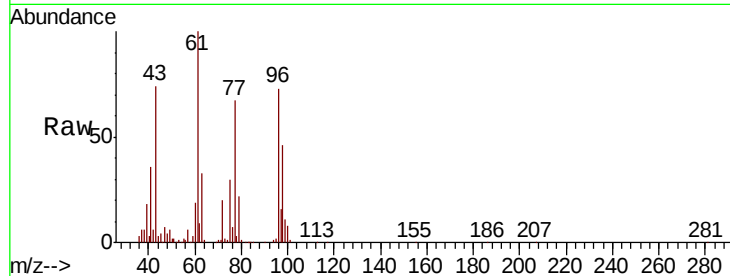
cis-1,2-Dichloroethene
 Concen: 20.98 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	277.6
98	63.5	0.0	127.4

Manual Integrations
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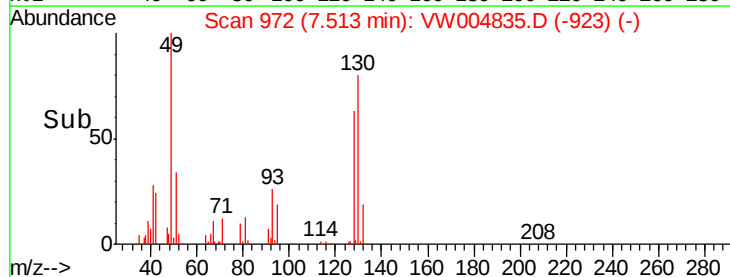
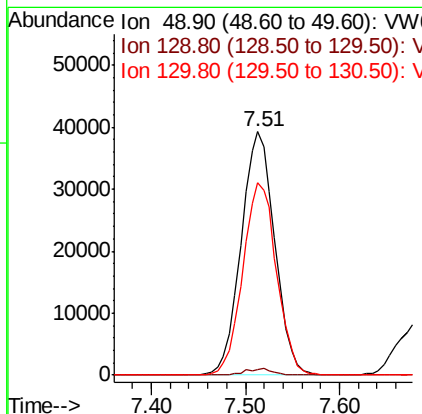
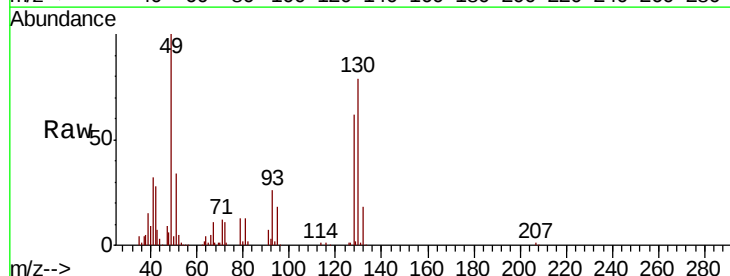
apatel
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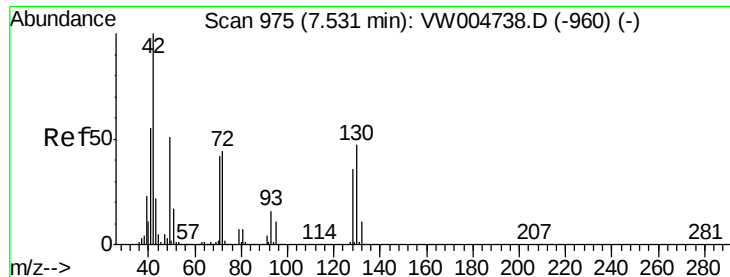


#28

Bromochloromethane
 Concen: 19.14 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	79.6	63.7	95.5





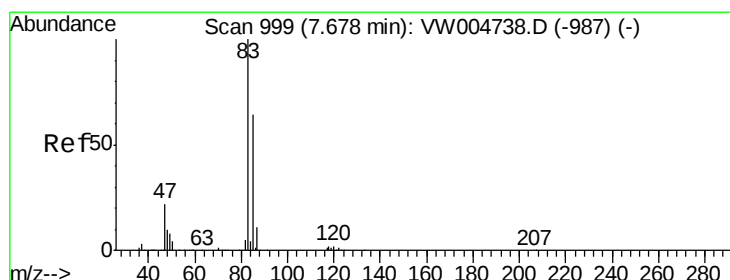
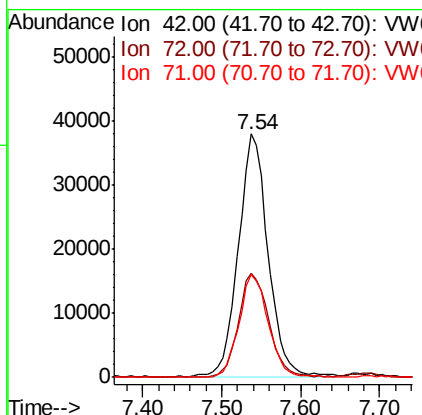
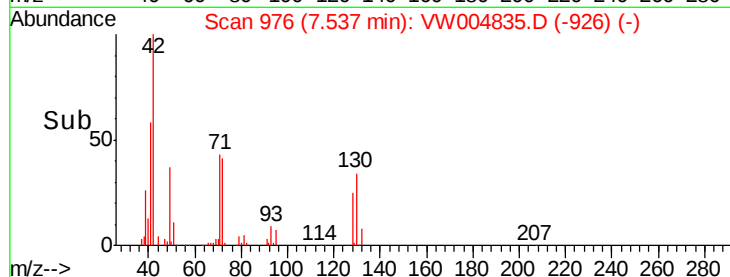
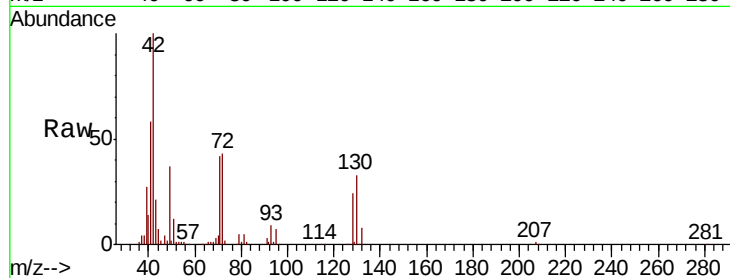
#29
Tetrahydrofuran
Concen: 88.60 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.9	52.3
71	41.8	33.8	50.6

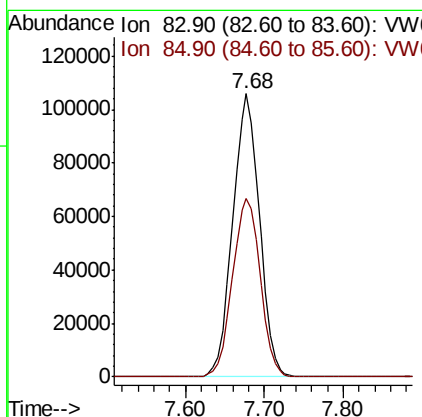
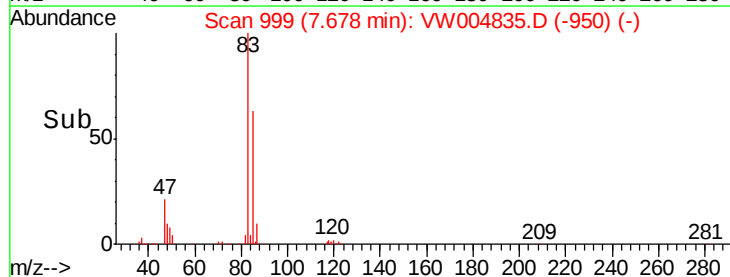
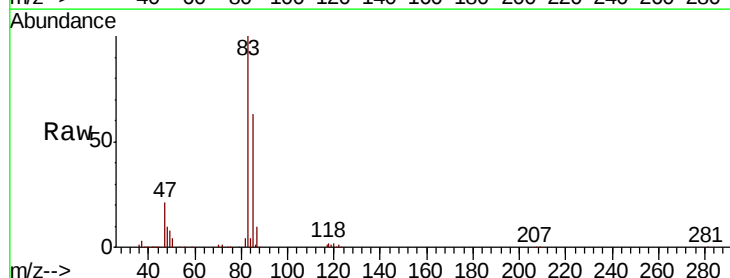
Manual Integrations
APPROVED

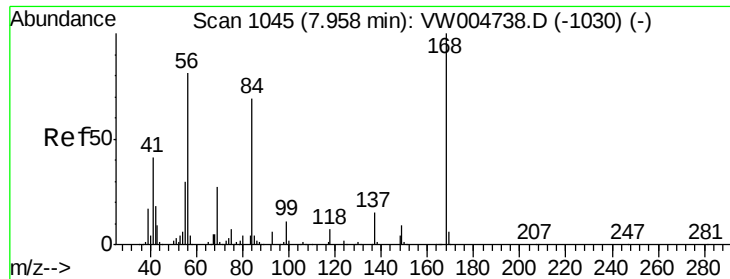
apatel
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#30
Chloroform
Concen: 20.85 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.0	76.6





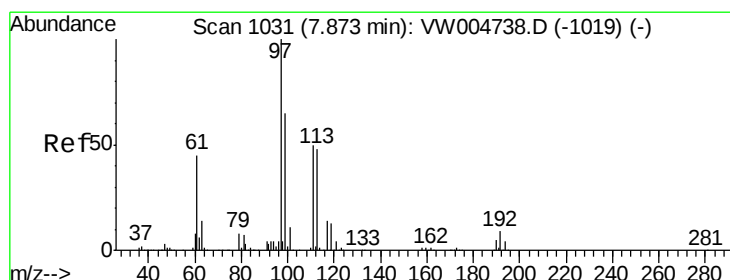
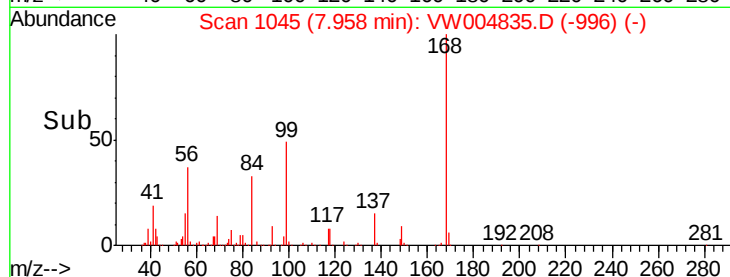
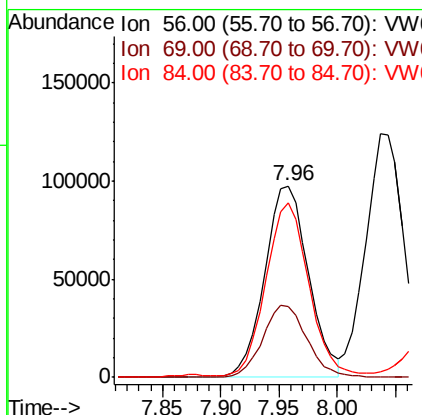
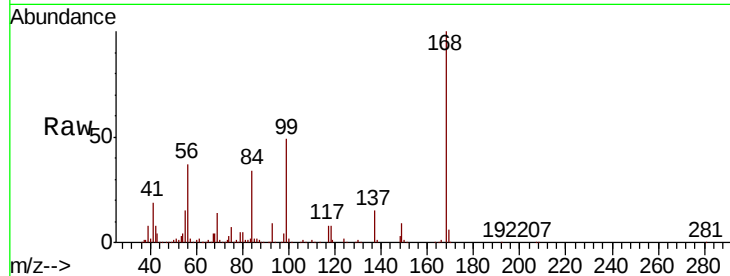
#31
Cyclohexane
Concen: 21.54 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.2	27.1	40.7
84	89.3	68.3	102.5

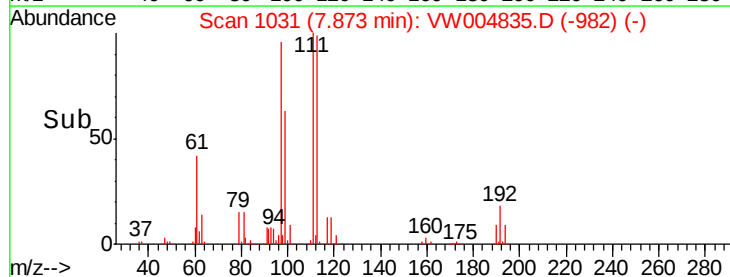
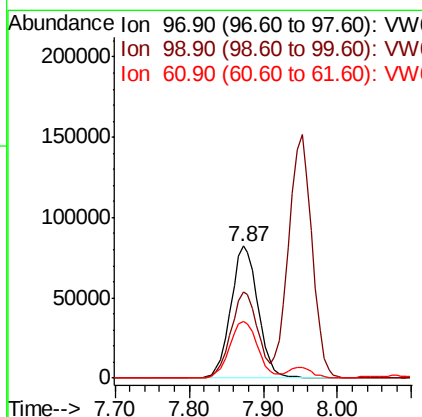
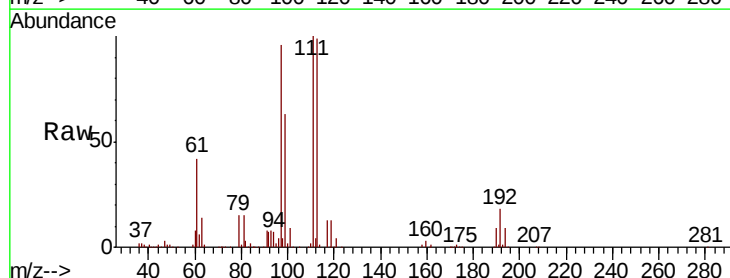
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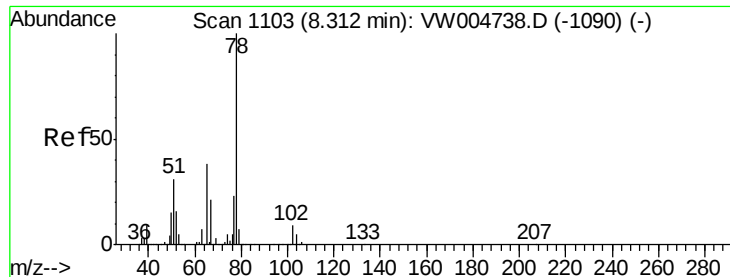
apatel
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#32
1,1,1-Trichloroethane
Concen: 22.09 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	44.5	34.4	51.6





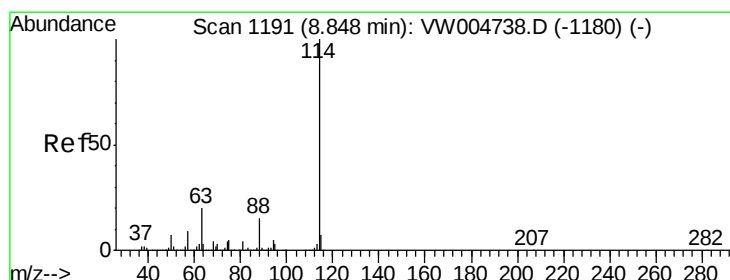
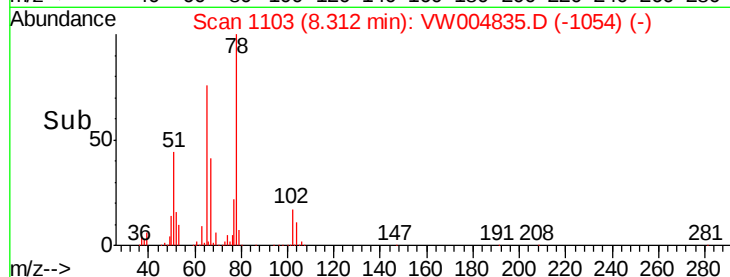
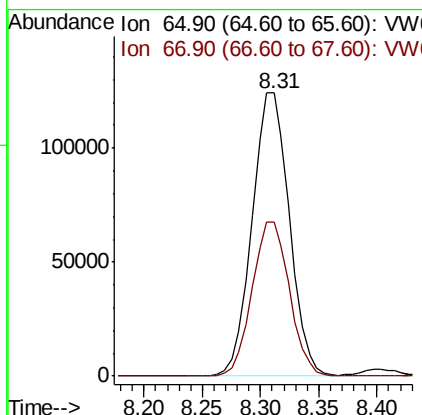
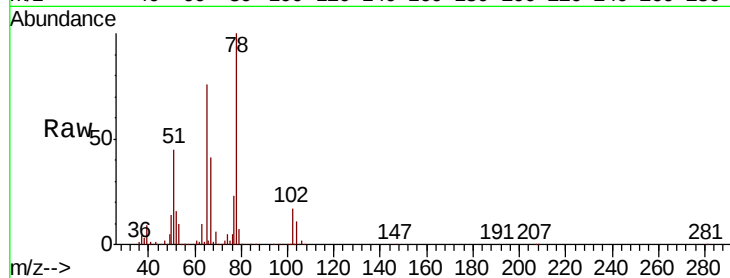
#33
 1,2-Dichloroethane-d4
 Concen: 46.01 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	277193		
67	54.6	0.0	109.4	

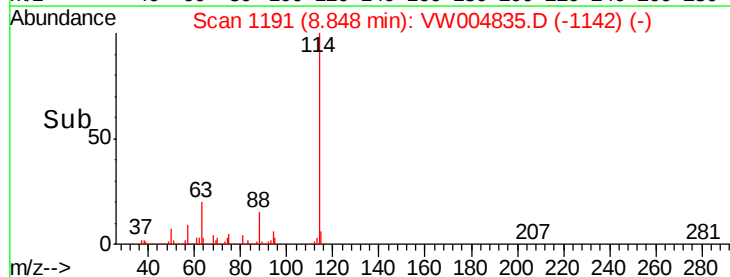
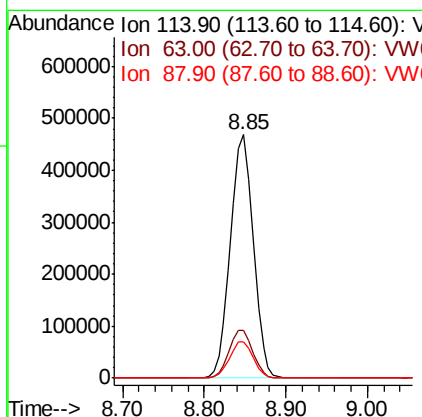
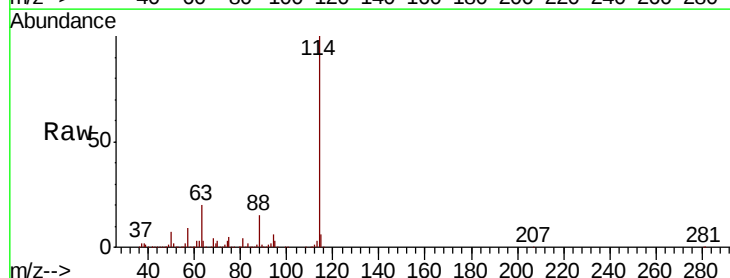
Manual Integrations
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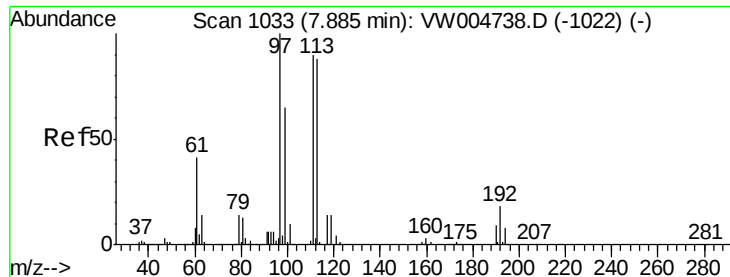
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	907702		
63	19.9	0.0	39.0	
88	15.1	0.0	30.0	





#35

Dibromofluoromethane

Concen: 49.69 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

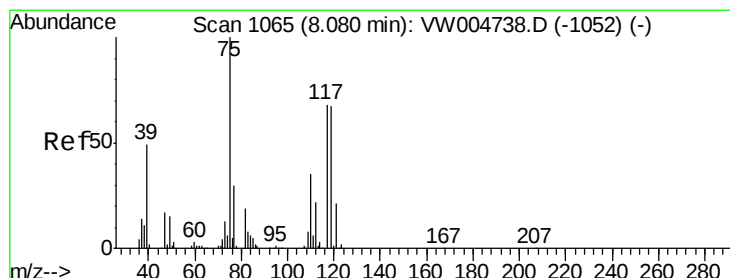
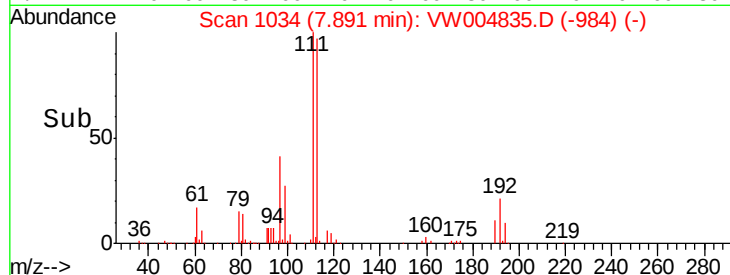
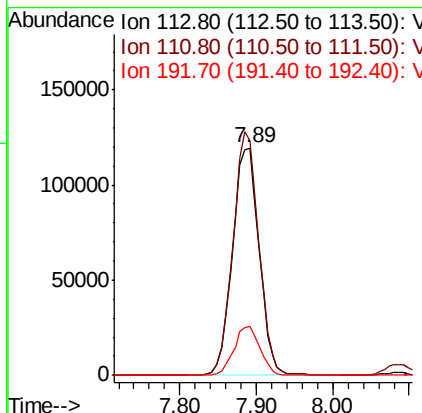
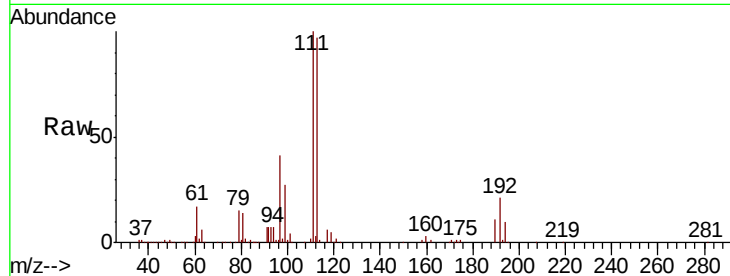
ClientSampleId :

VW0821SBS01

Tot Ion:	113	Resp:	288255
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.4	123.6
192	21.0	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 22.19 ug/l

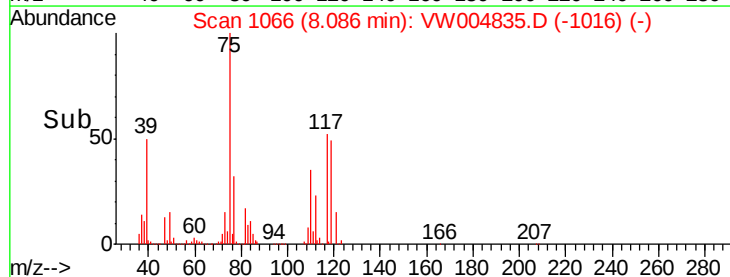
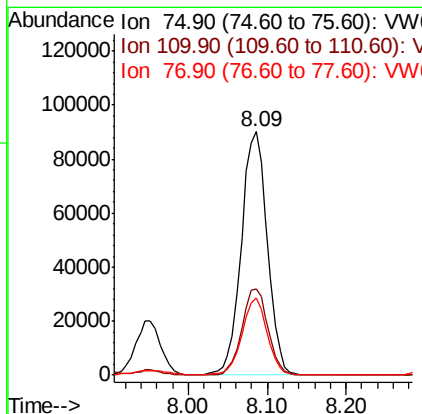
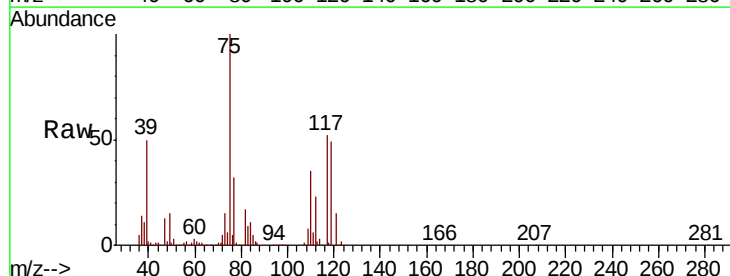
RT: 8.09 min Scan# 1066

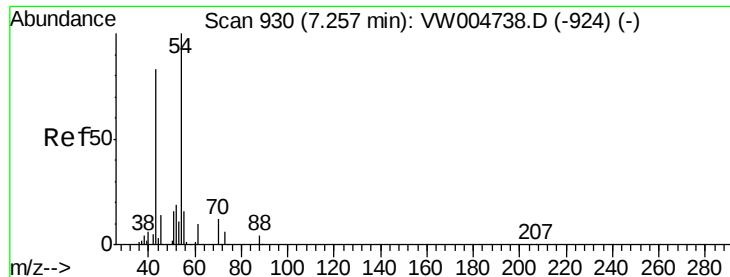
Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Tgt Ion:	75	Resp:	207493
Ion Ratio	Lower	Upper	
75	100		
110	35.4	17.8	53.5
77	30.9	24.9	37.3





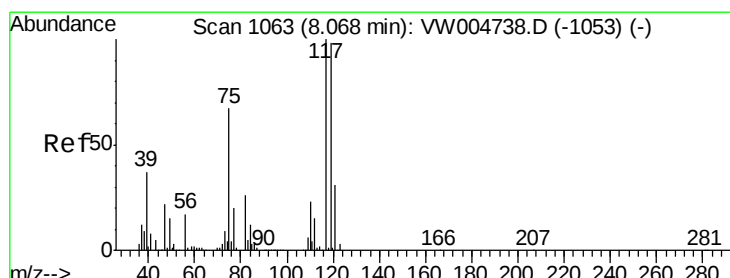
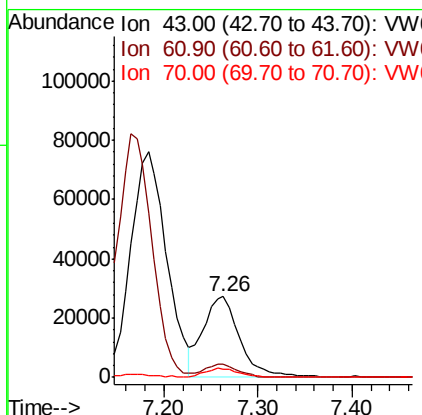
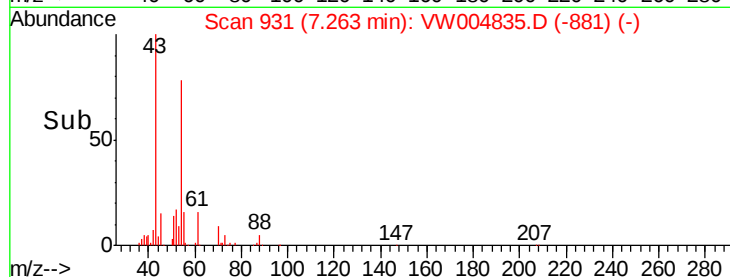
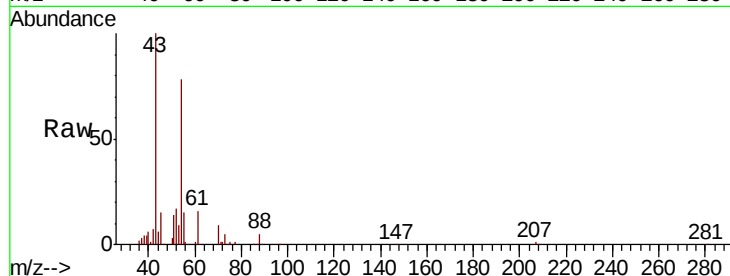
#37
Ethyl Acetate
Concen: 19.37 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.6	17.4
70	10.5	9.2	13.8

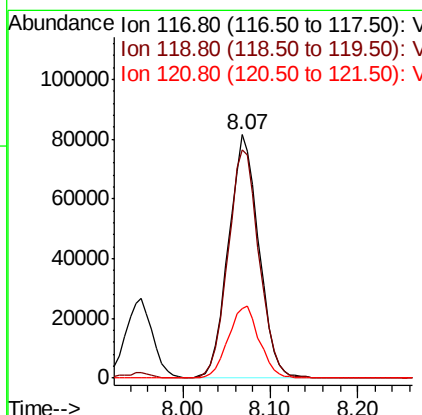
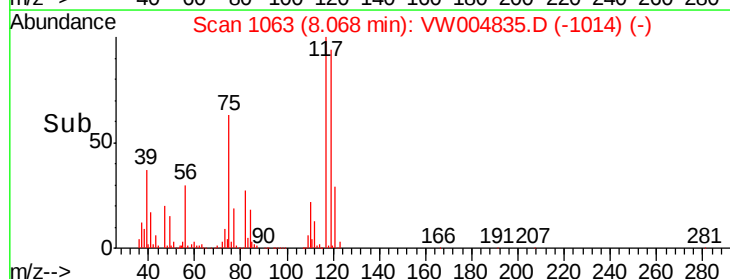
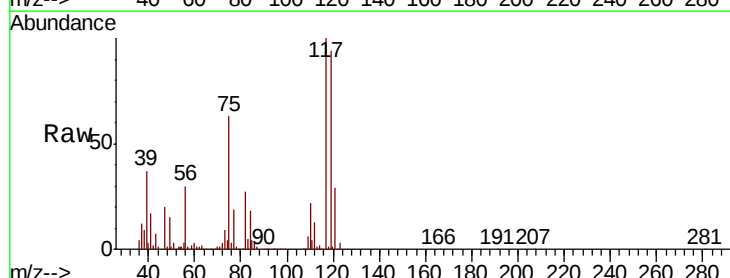
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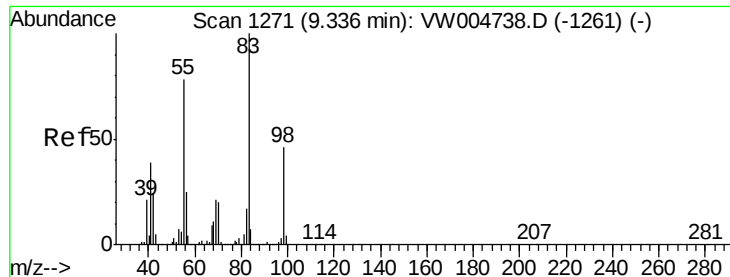
apatel
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#38
Carbon Tetrachloride
Concen: 22.82 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.0	117.0
121	28.6	24.8	37.2





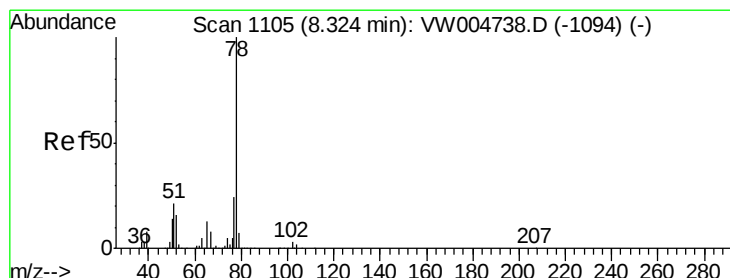
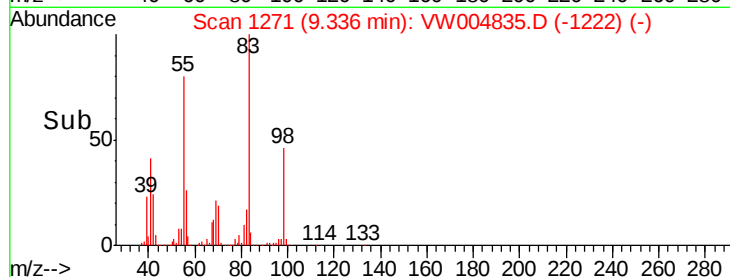
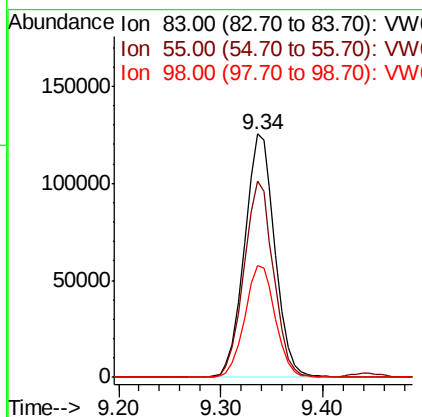
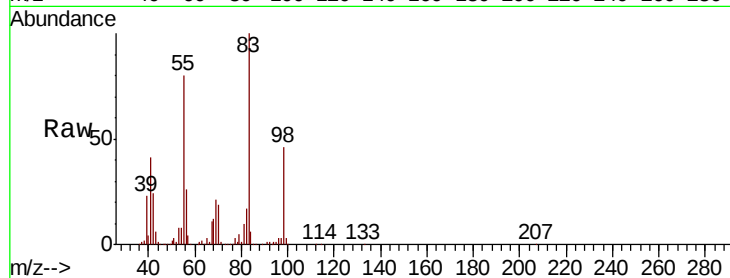
#39
Methvlcvclohexane
Concen: 22.17 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	62.4	93.6
98	45.8	36.5	54.7

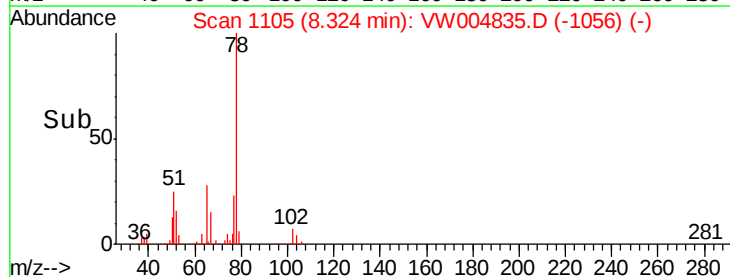
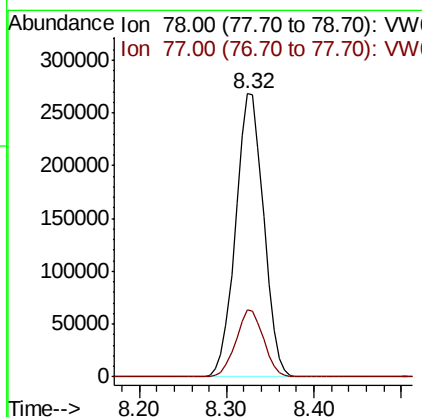
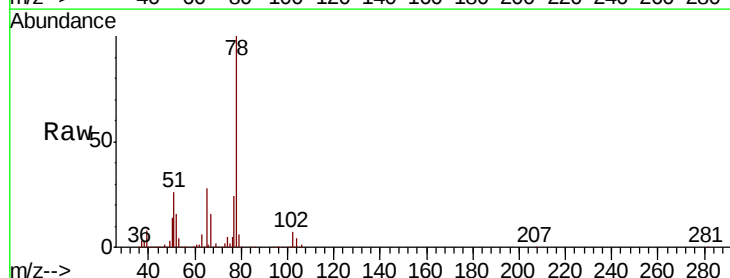
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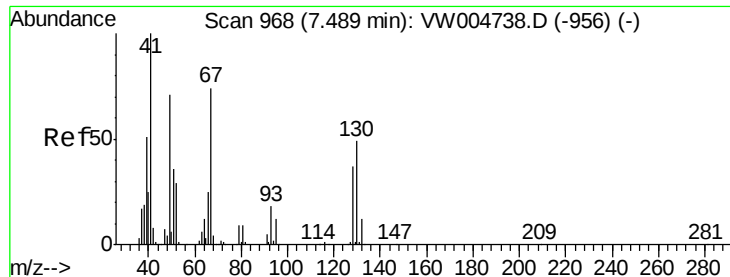
apatel
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#40
Benzene
Concen: 22.01 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





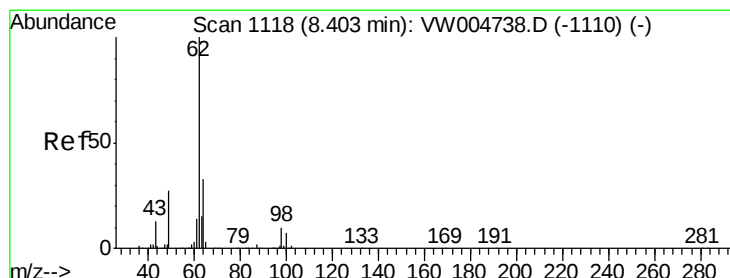
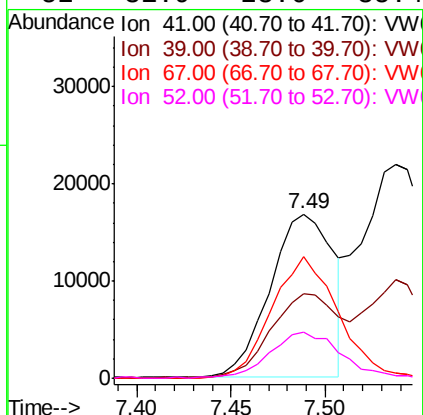
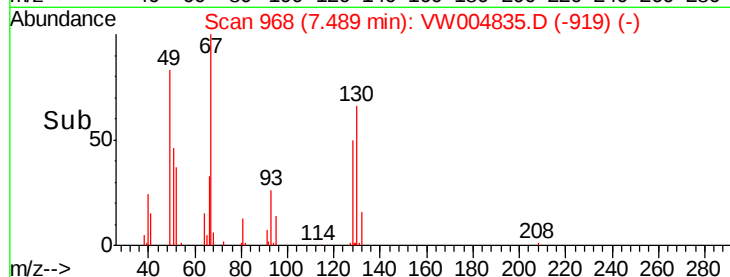
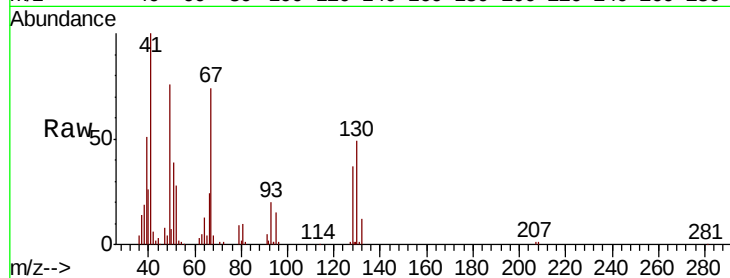
#41
Methacrylonitrile
Concen: 18.59 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	41	Resp	39318
Ion	Ratio	Lower	Upper
41	100		
39	57.2	41.0	61.4
67	78.9	59.5	89.3
52	31.9	23.6	35.4

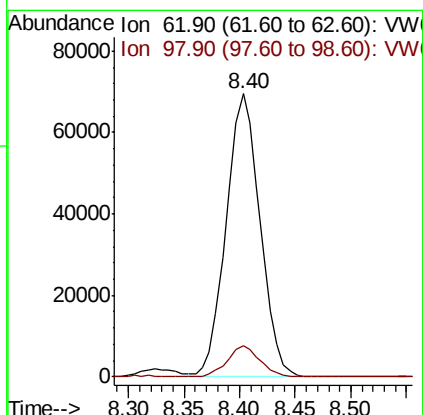
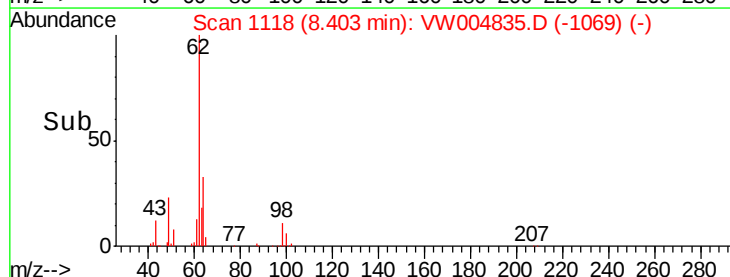
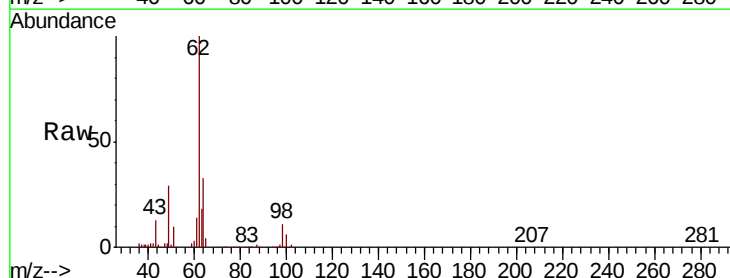
Manual Integrations
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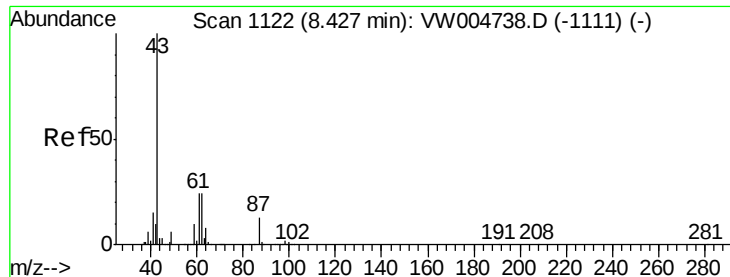
apatel
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#42
1,2-Dichloroethane
Concen: 21.01 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	62	Resp	146440
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.16 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

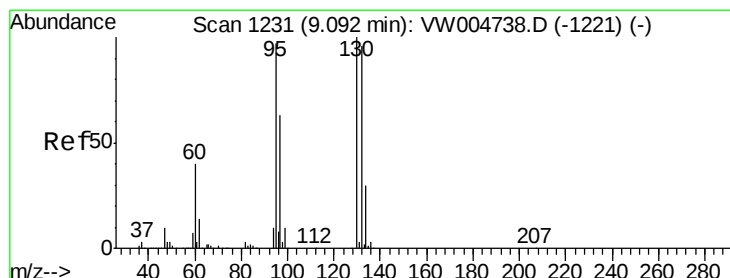
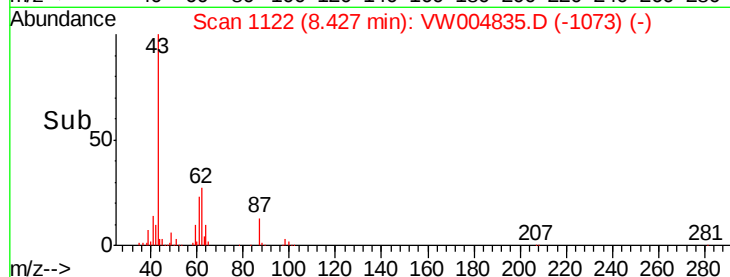
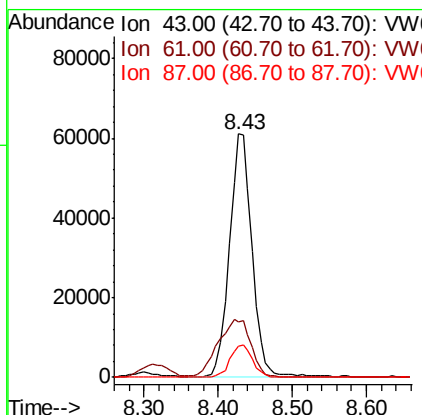
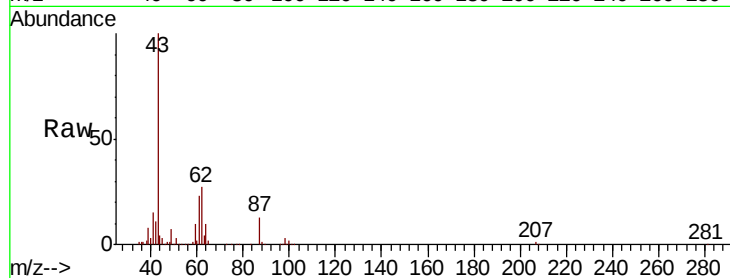
ClientSampleId :

VW0821SBS01

Tot Ion	43	Resp	128312
Ion Ratio	Lower	Upper	
43	100		
61	34.6	26.2	39.4
87	13.2	10.9	16.3

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#44

Trichloroethene

Concen: 21.55 ug/l

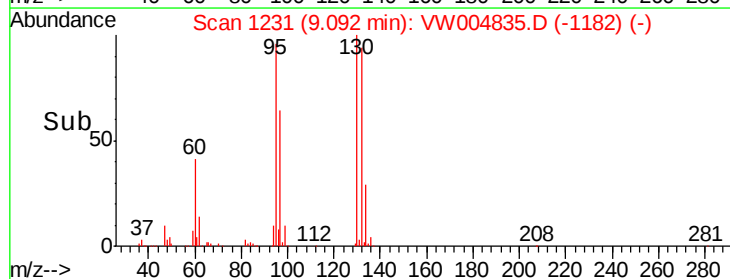
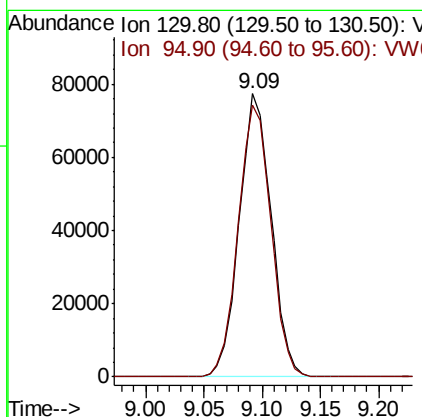
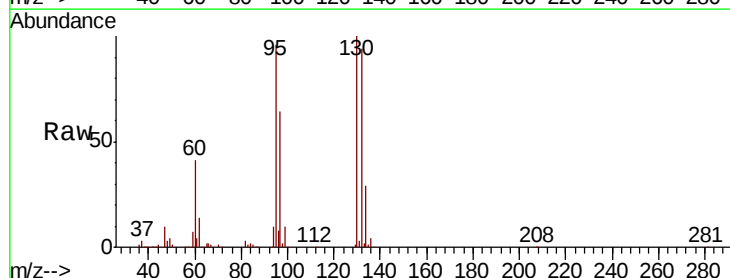
RT: 9.09 min Scan# 1231

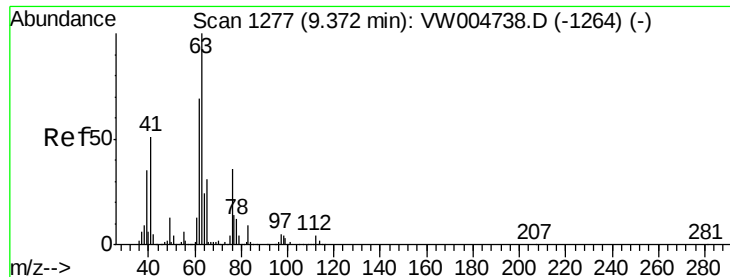
Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Tgt Ion	130	Resp	148674
Ion Ratio	Lower	Upper	
130	100		
95	96.3	0.0	194.4





#45

1,2-Dichloropropane

Concen: 21.84 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 63 Resp: 145168

Ion Ratio Lower Upper

63 100

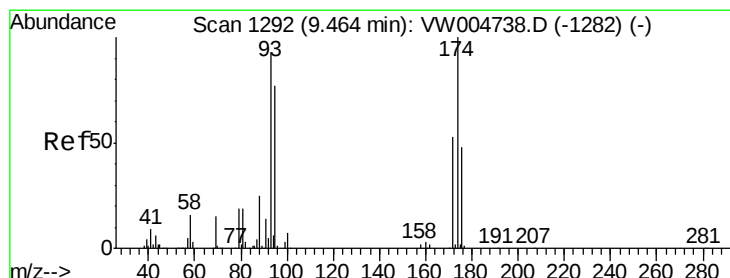
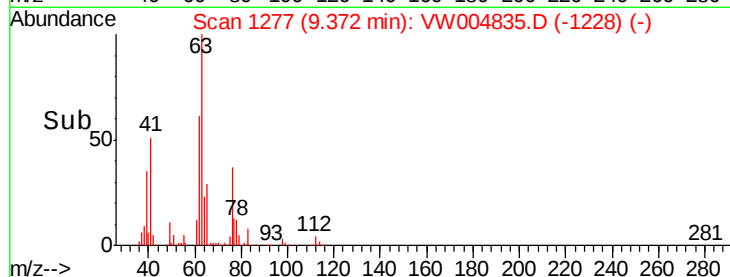
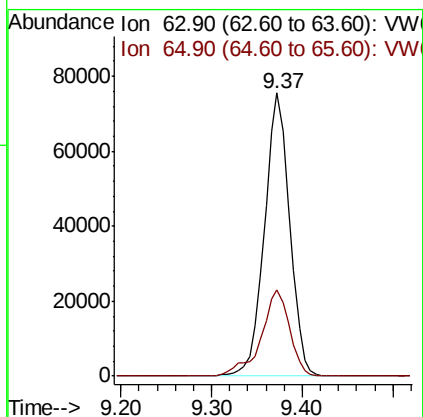
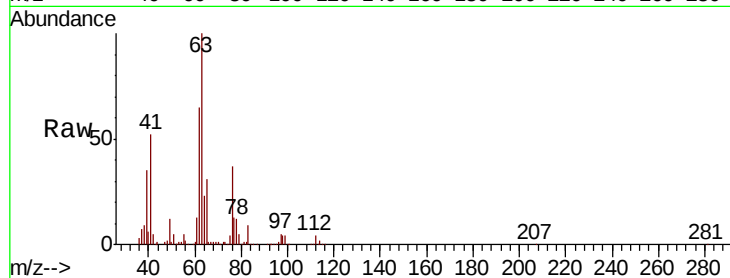
65 30.5 24.6 37.0

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#46

Dibromomethane

Concen: 20.61 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

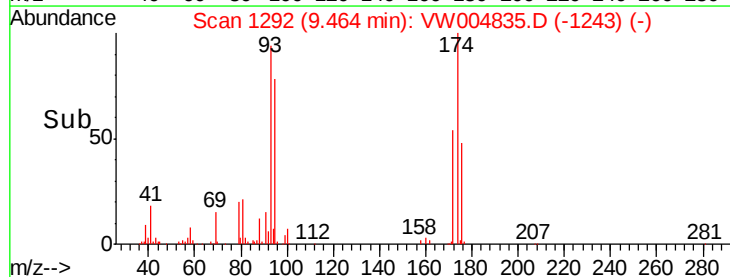
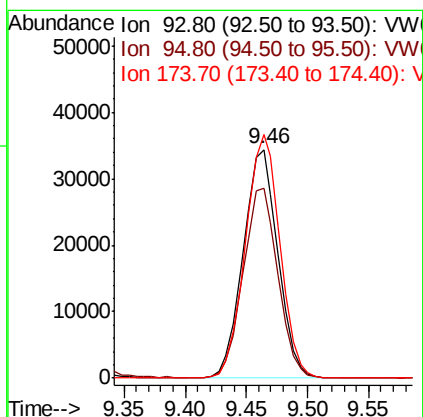
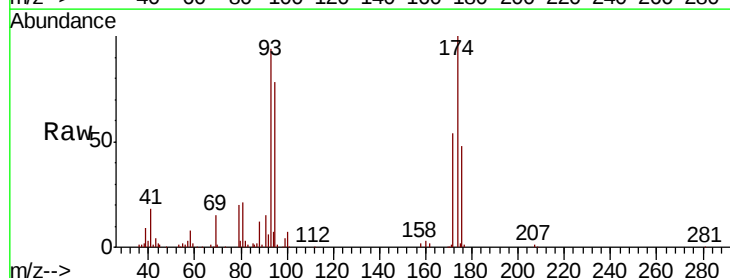
Tgt Ion: 93 Resp: 67869

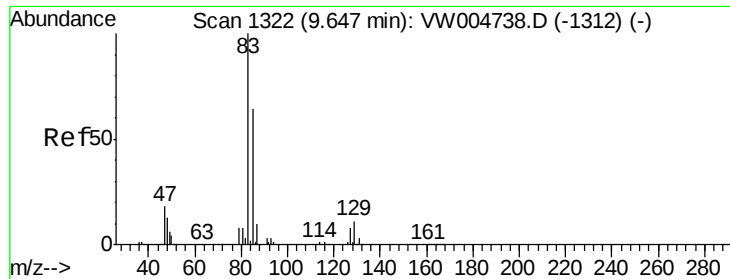
Ion Ratio Lower Upper

93 100

95 83.4 66.6 99.8

174 106.1 85.3 127.9





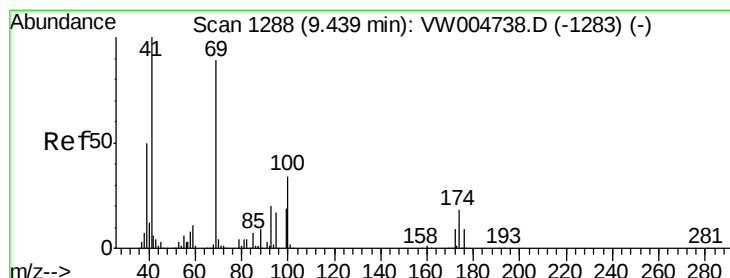
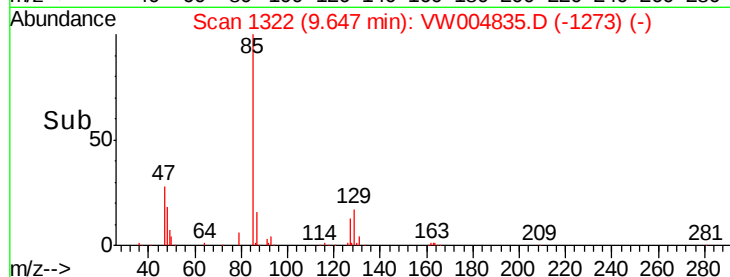
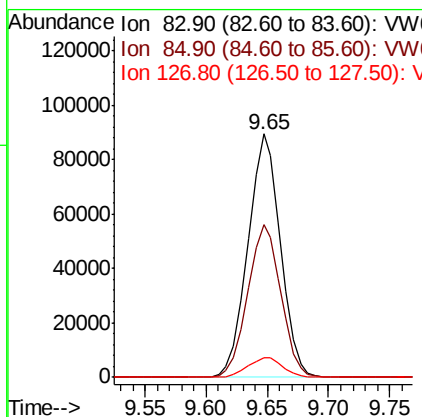
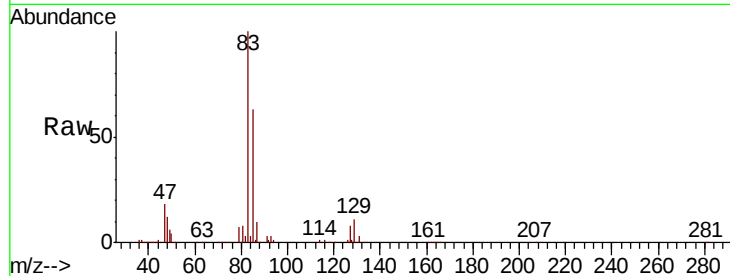
#47
Bromodichloromethane
Concen: 21.07 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8
127	8.2	6.7	10.1

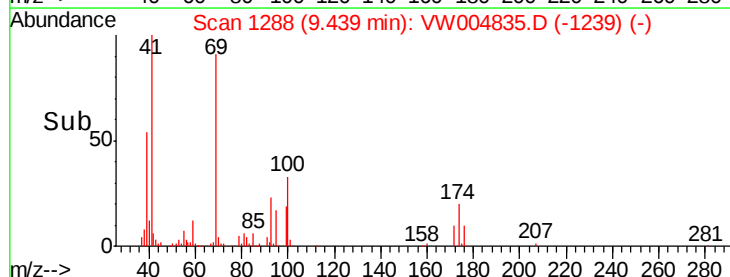
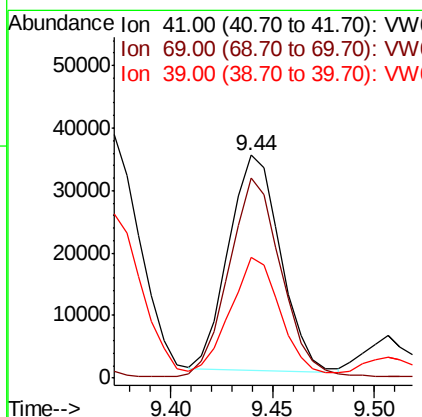
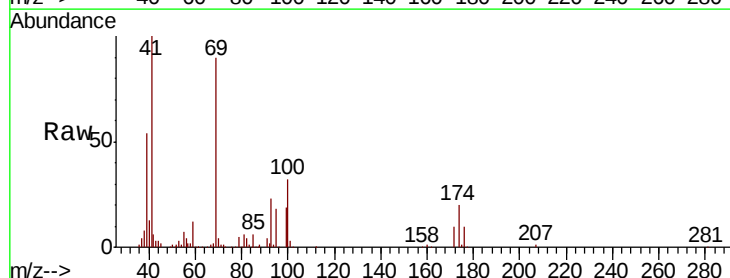
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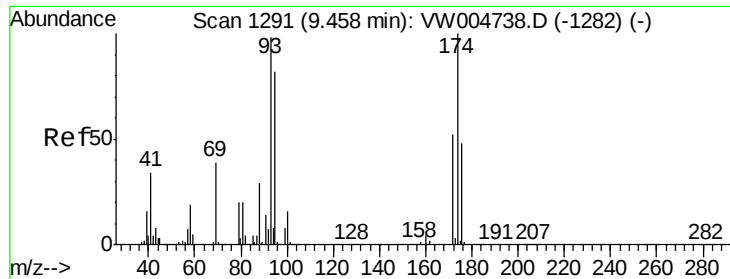
apatel
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#48
Methyl methacrylate
Concen: 19.26 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.5	75.2	112.8
39	51.1	39.8	59.6





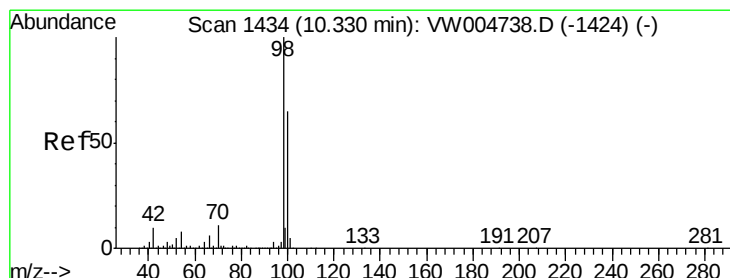
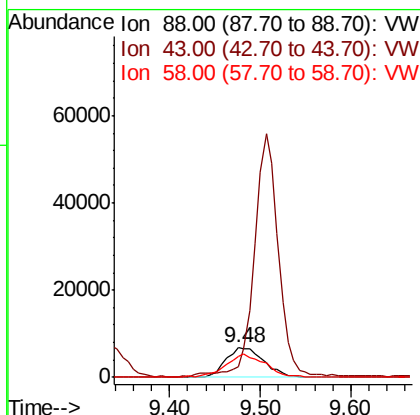
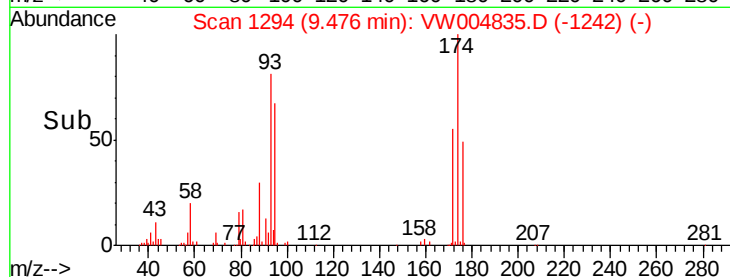
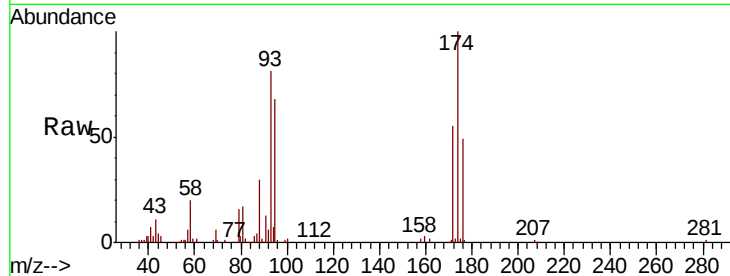
#49
1,4-Dioxane
Concen: 418.39 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	80.2	60.0	90.0

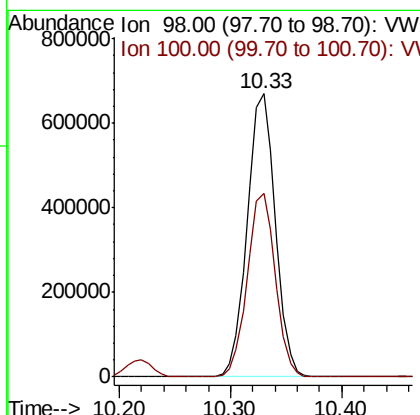
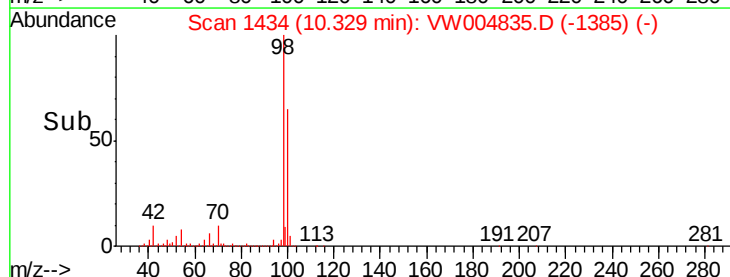
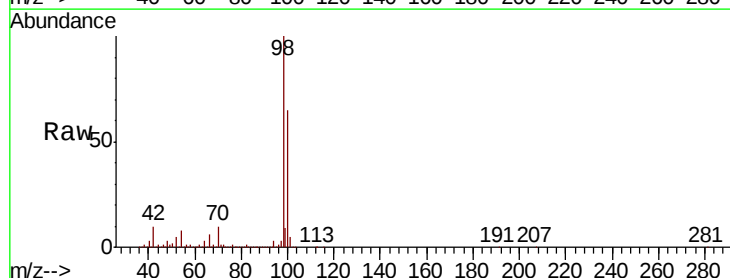
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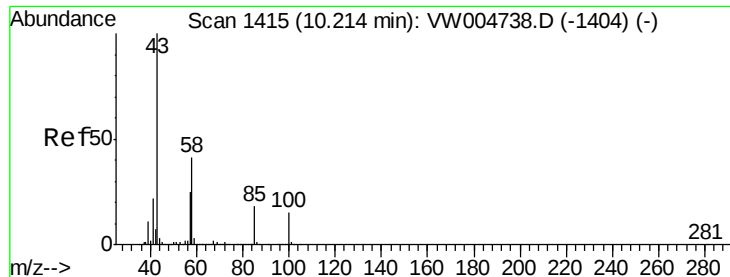
apatel
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#50
Toluene-d8
Concen: 51.96 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 96.10 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

VW0821SBS01

Tot Ion: 43 Resp: 434879

Ion Ratio Lower Upper

43 100

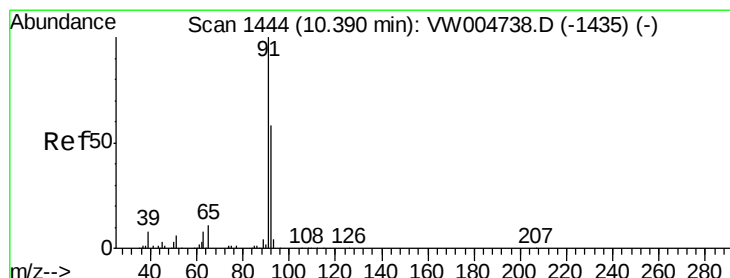
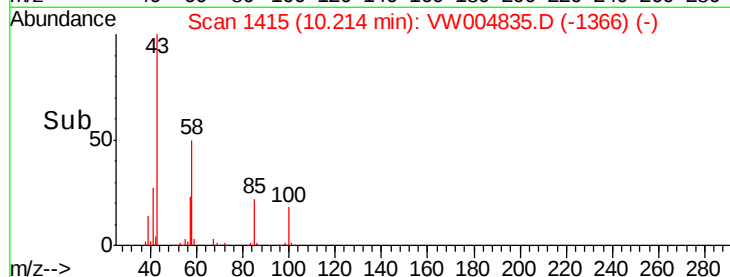
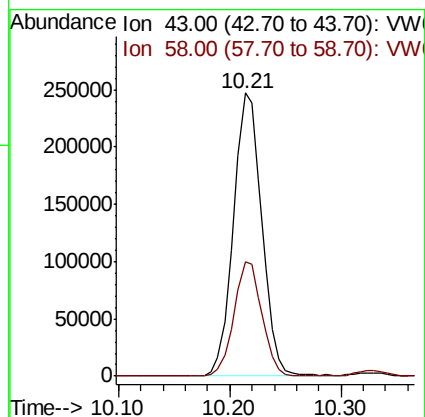
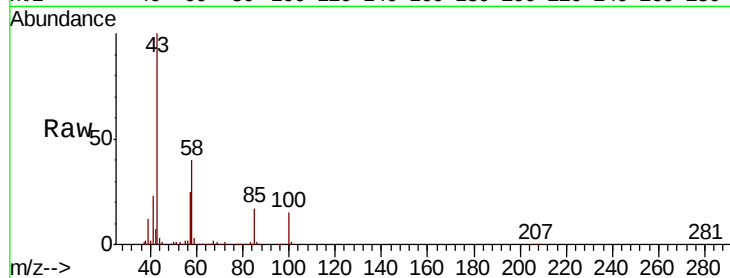
58 40.0 32.7 49.1

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#52

Toluene

Concen: 22.64 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004835.D

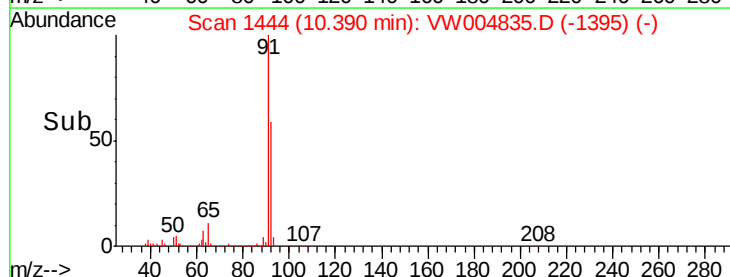
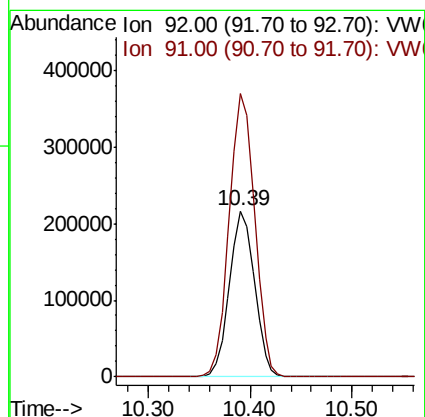
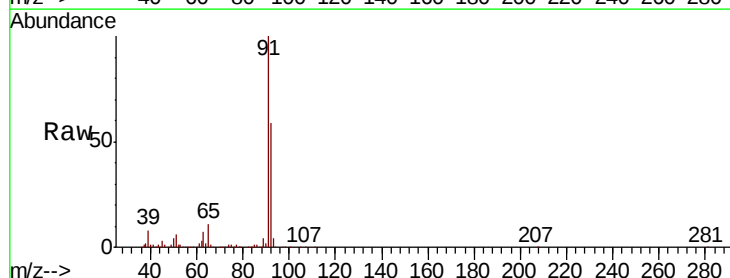
Acq: 21 Aug 2018 12:36

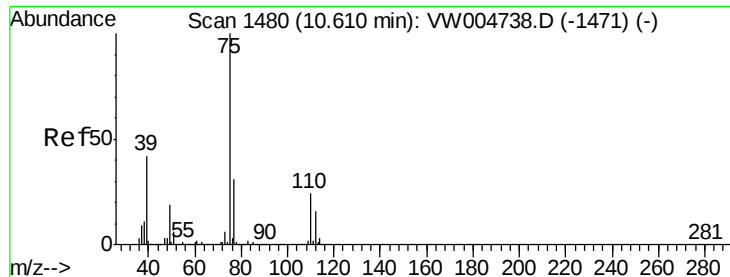
Tgt Ion: 92 Resp: 368965

Ion Ratio Lower Upper

92 100

91 173.7 138.3 207.5





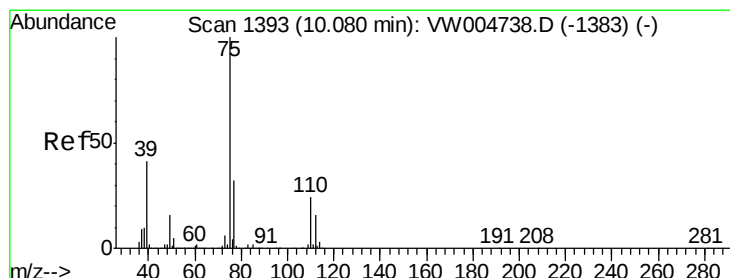
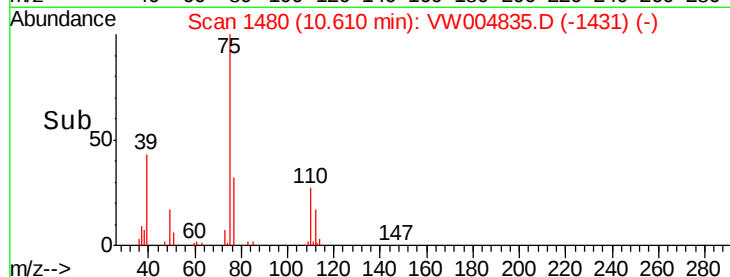
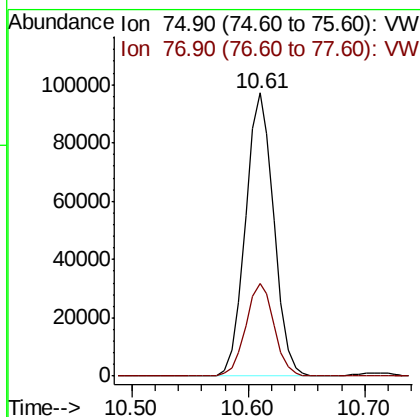
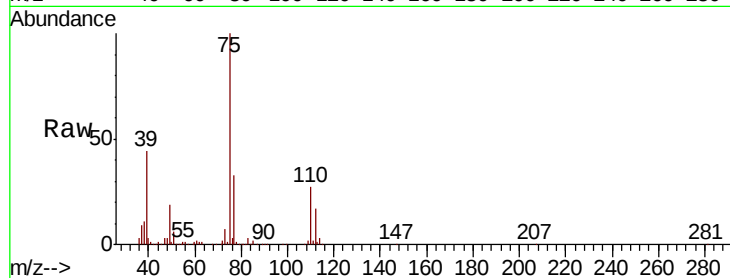
#53
 t-1,3-Dichloropropene
 Concen: 20.77 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.8	37.2

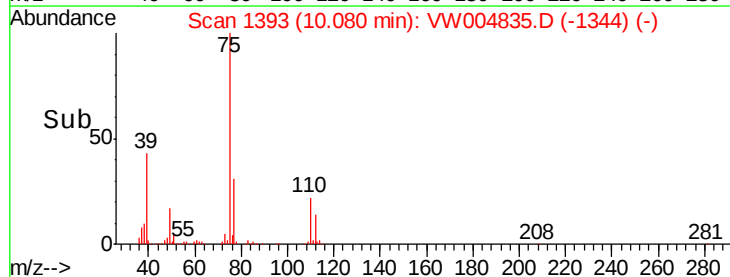
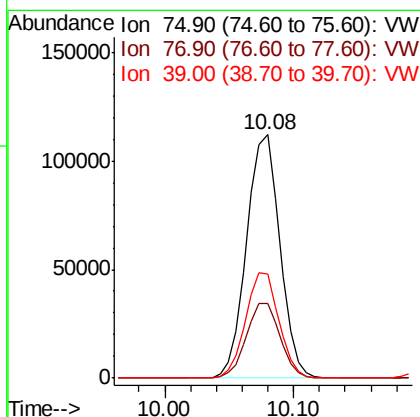
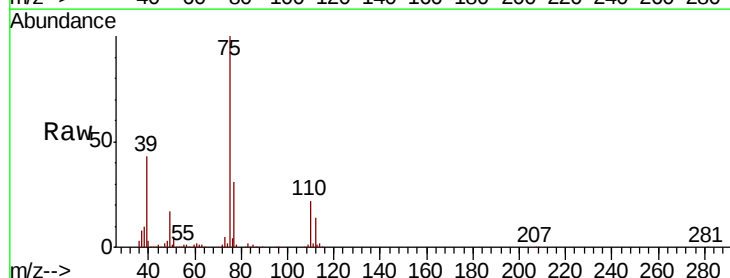
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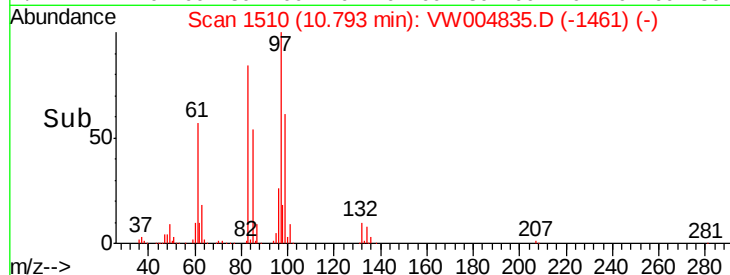
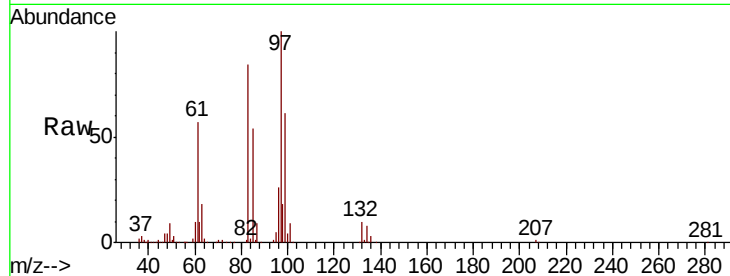
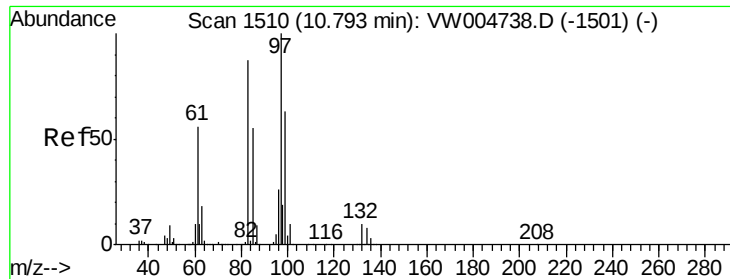
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#54
 cis-1,3-Dichloropropene
 Concen: 21.16 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.6	38.4
39	42.6	33.0	49.4





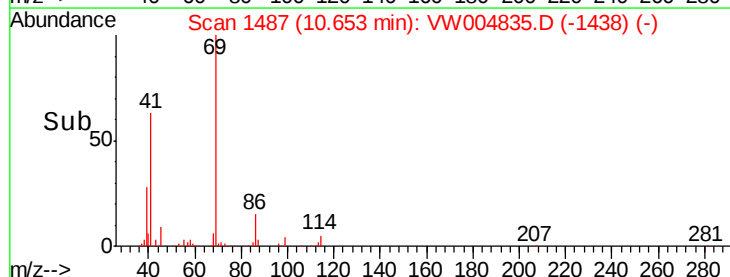
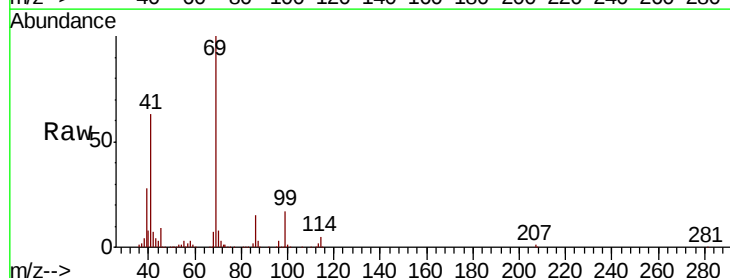
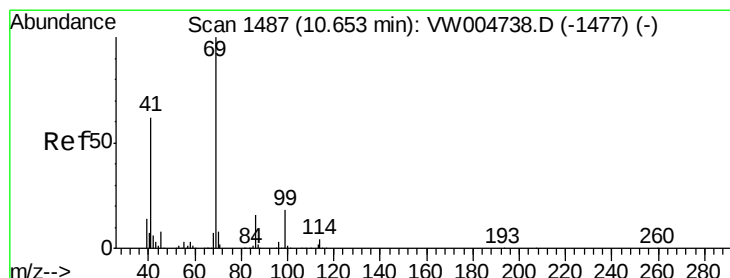
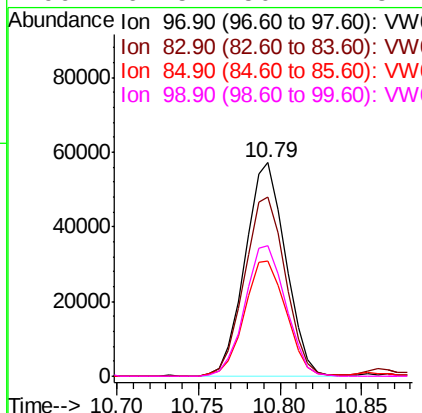
#55
1,1,2-Trichloroethane
Concen: 21.10 ug/l
RT: 10.79 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		98763		
83	83.8	69.4	104.2		
85	54.2	44.3	66.5		
99	61.5	50.2	75.2		

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

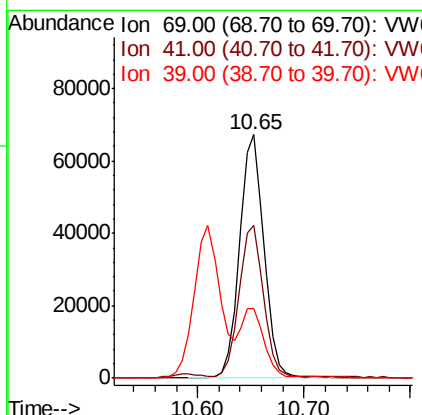
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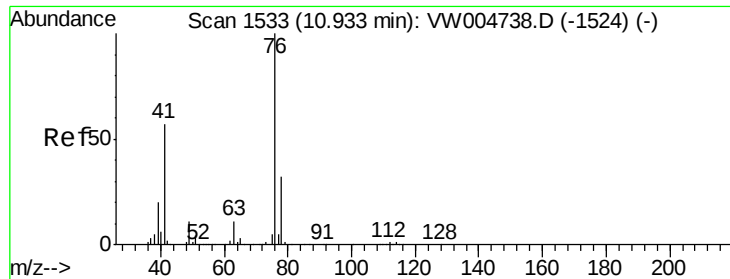
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#56
Ethyl methacrylate
Concen: 19.66 ug/l
RT: 10.65 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		108490		
41	62.7	50.7	76.1		
39	26.7	21.4	32.2		





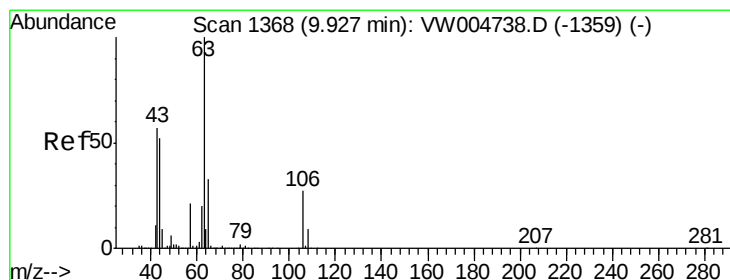
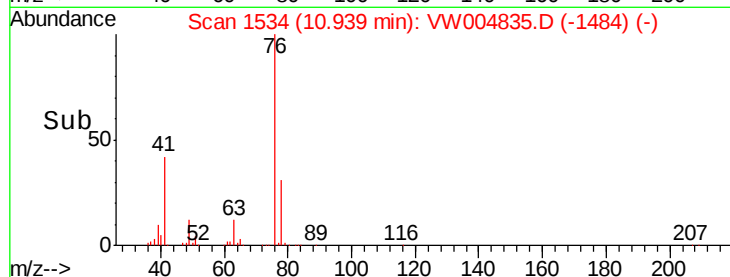
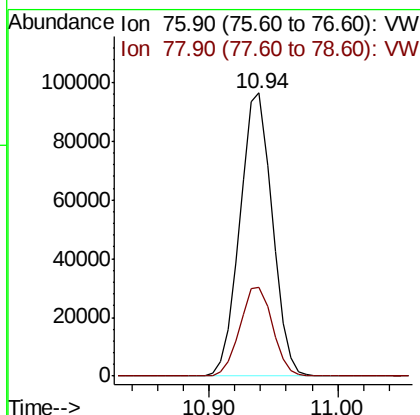
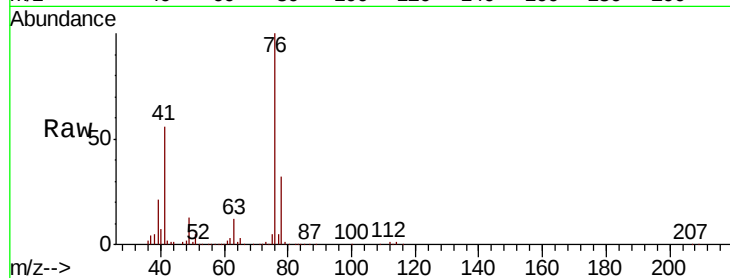
#57
 1,3-Dichloropropane
 Concen: 20.78 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBS01

Tot Ion: 76 Resp: 167905
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9

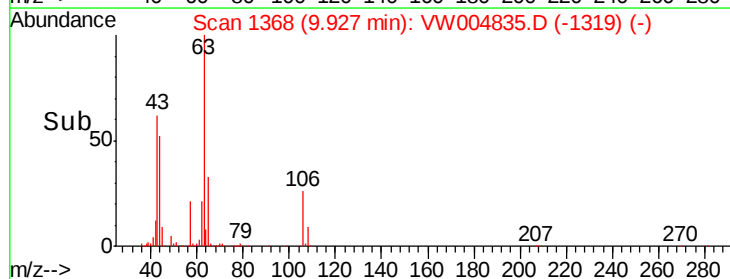
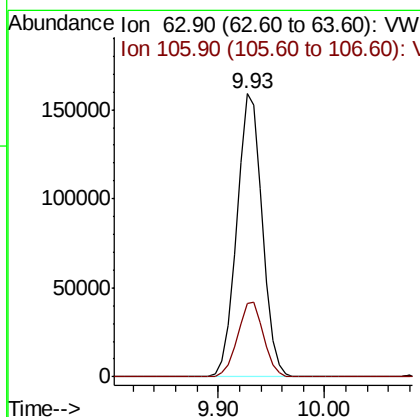
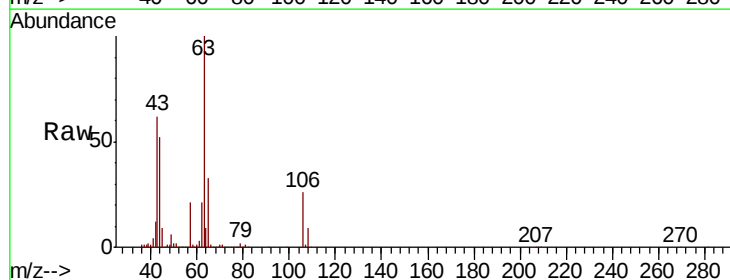
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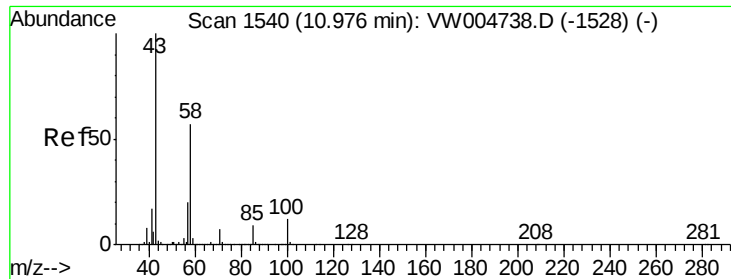
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.58 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion: 63 Resp: 267777
 Ion Ratio Lower Upper
 63 100
 106 26.9 22.1 33.1





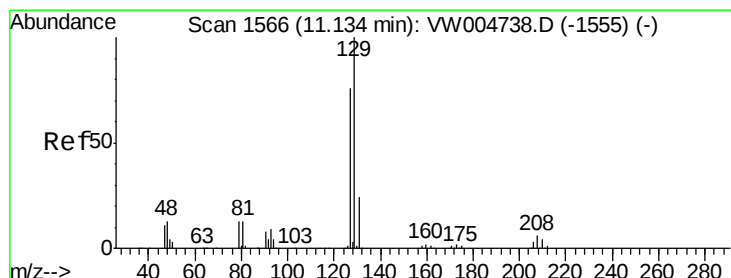
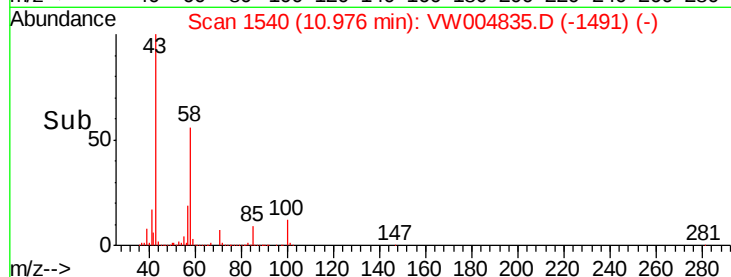
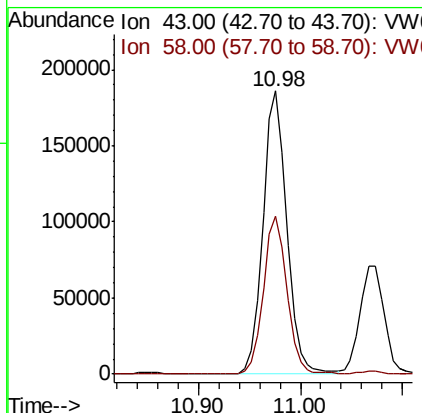
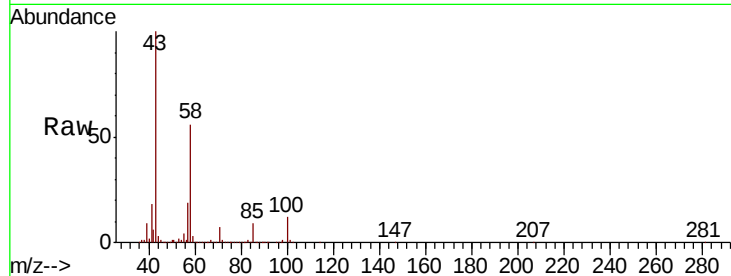
#59
2-Hexanone
Concen: 98.61 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion: 43 Resp: 302359
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.4

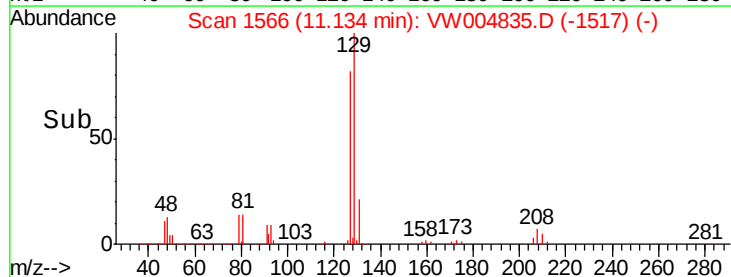
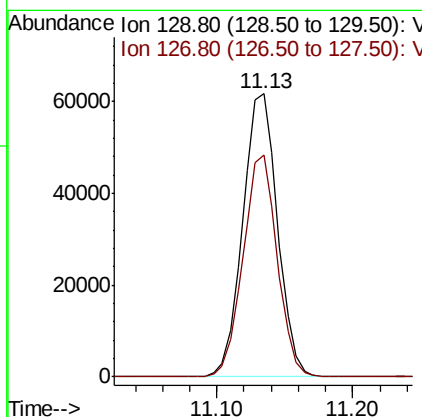
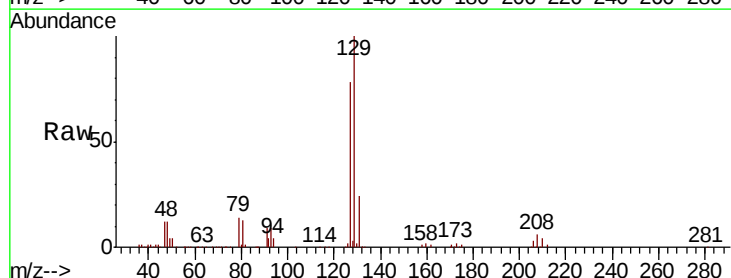
Manual Integrations
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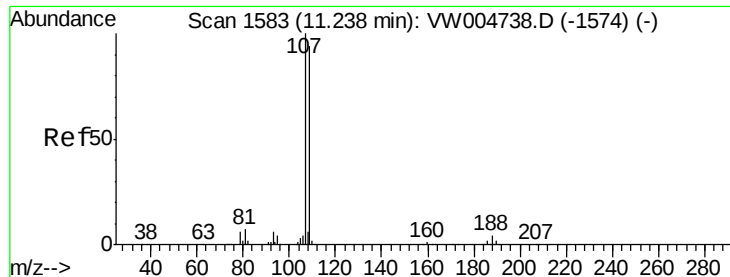
apatel
8/22/2018 11:25:17 AM



#60
Dibromochloromethane
Concen: 20.99 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion: 129 Resp: 110235
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





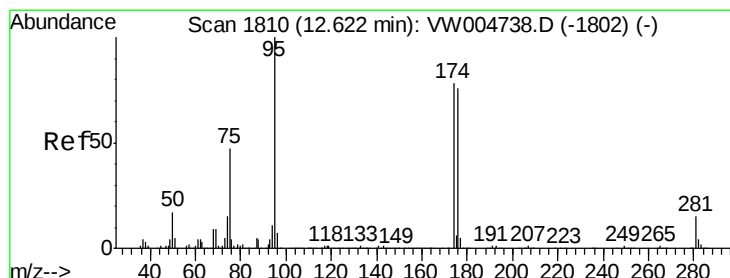
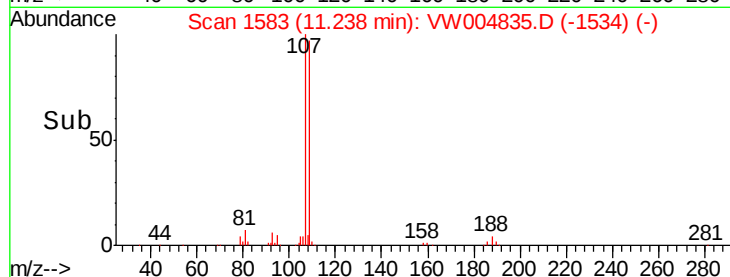
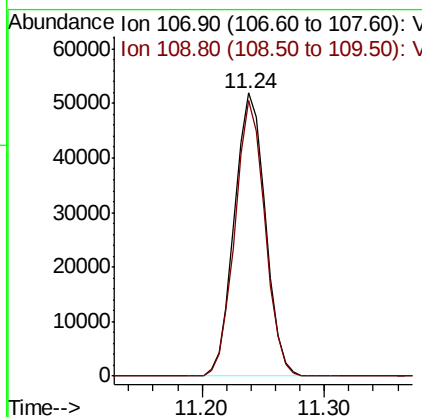
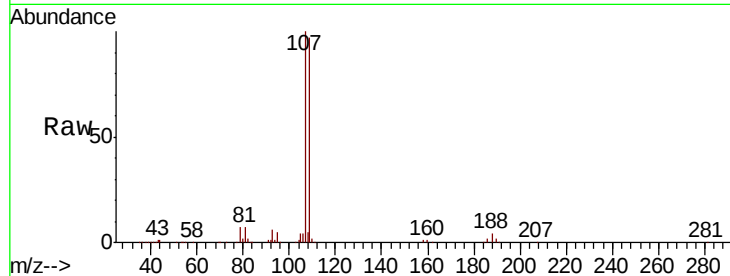
#61
 1,2-Dibromoethane
 Concen: 20.35 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.5	113.3

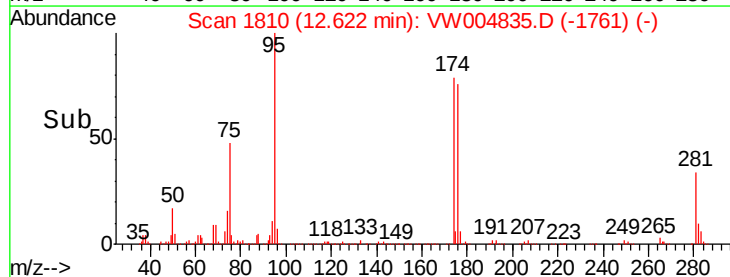
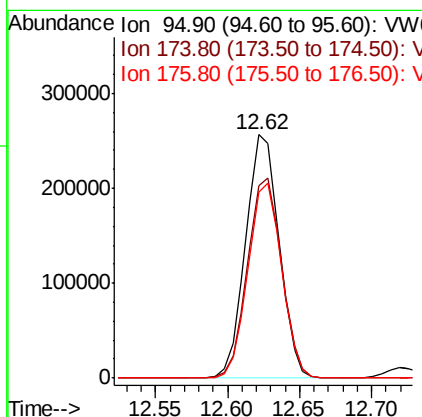
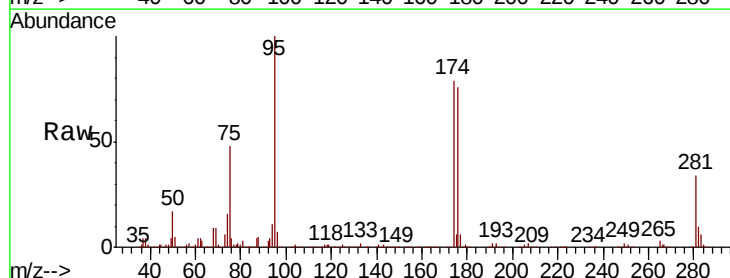
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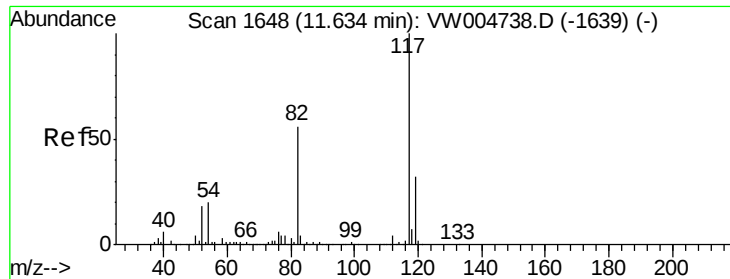
apatel
 8/22/2018 11:25:17 AM



#62
 4-Bromofluorobenzene
 Concen: 50.71 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	165.8
176	80.3	0.0	159.8





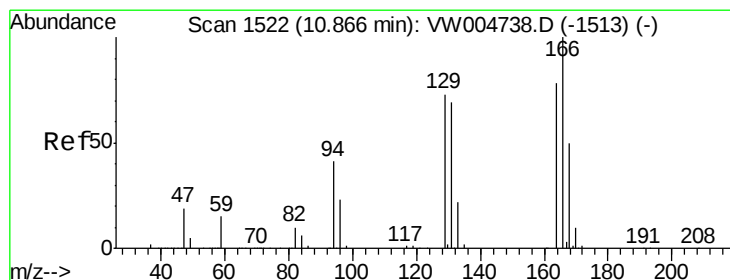
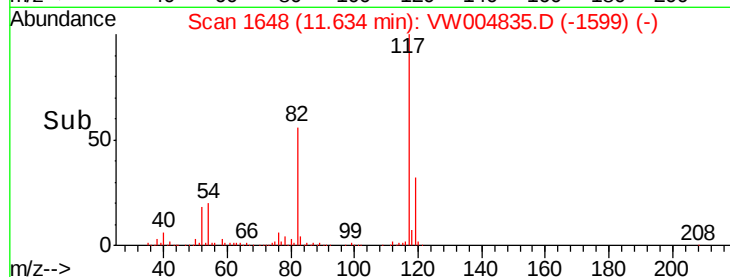
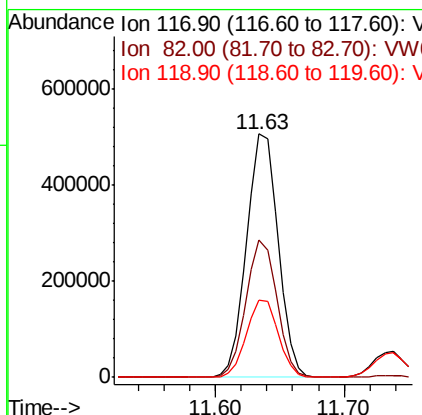
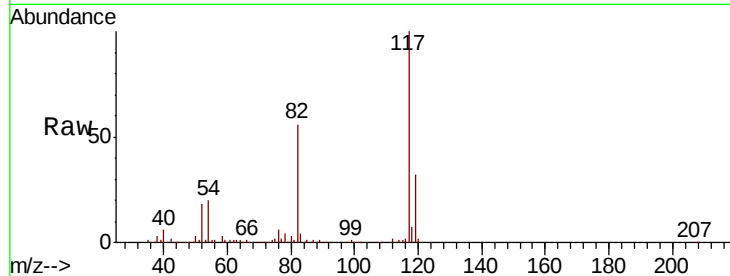
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	853872		
82	56.2		44.6	67.0
119	31.9		25.6	38.4

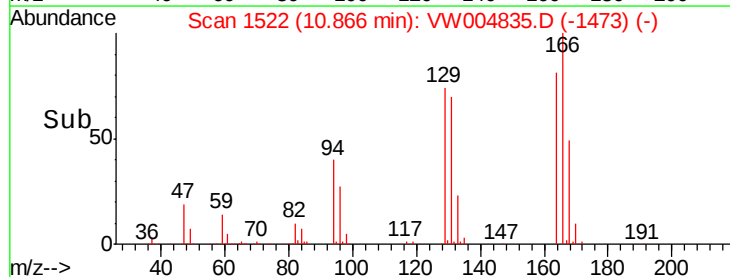
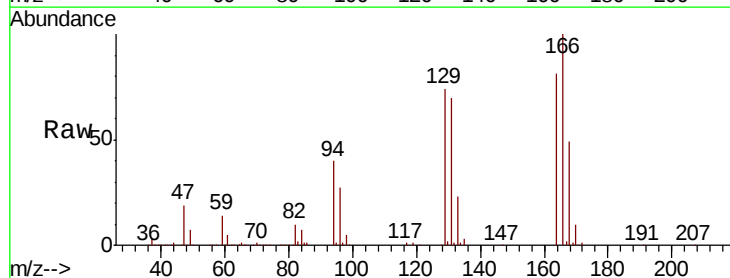
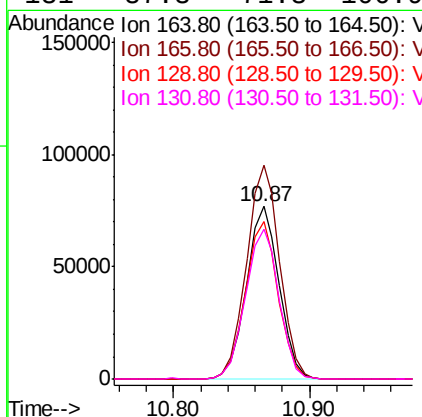
Manual Integrations
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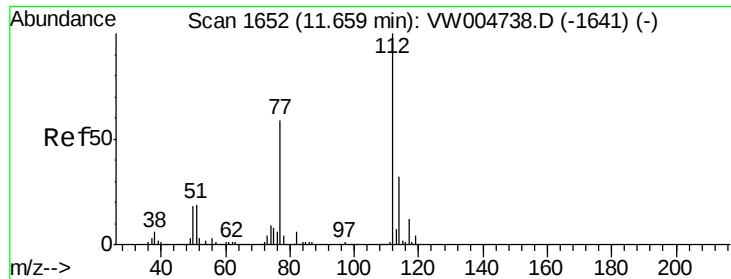
apatel
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#64
Tetrachloroethene
Concen: 22.12 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	129092		
166	124.0		102.5	153.7
129	91.4		75.1	112.7
131	87.3		71.3	106.9





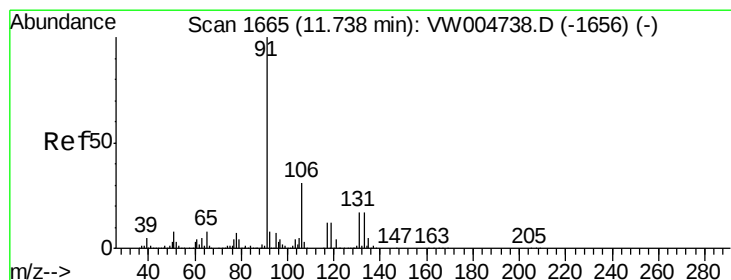
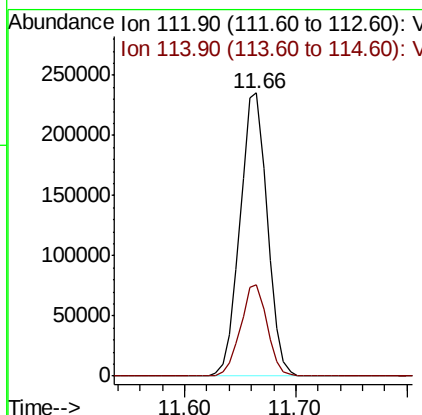
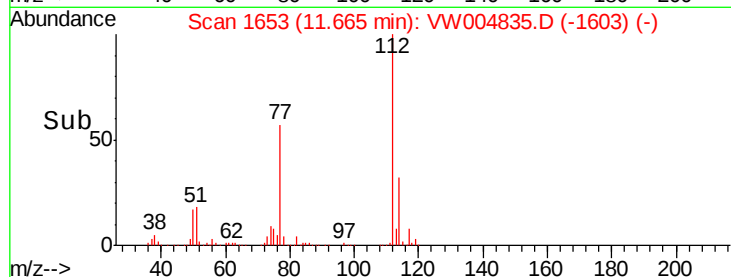
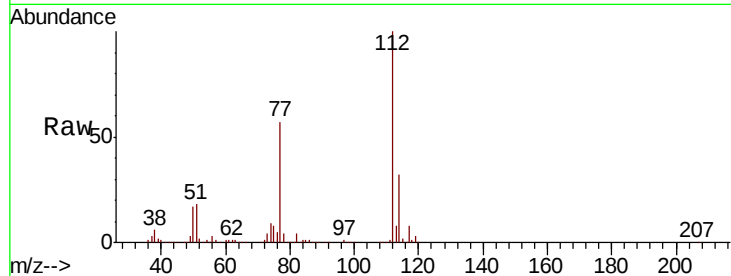
#65
Chlorobenzene
Concen: 21.72 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	399177		
114	32.1	25.4	38.2	

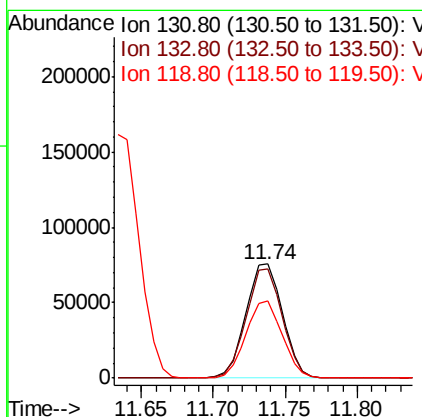
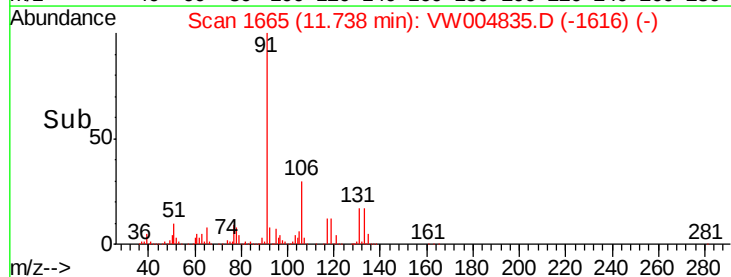
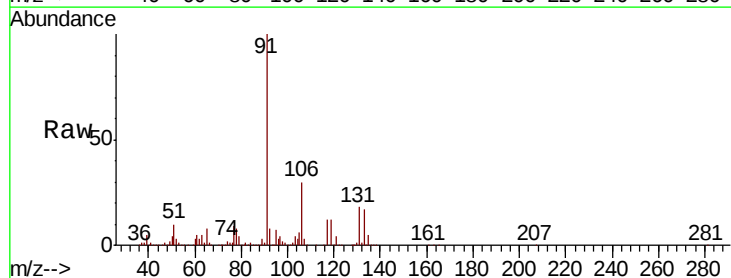
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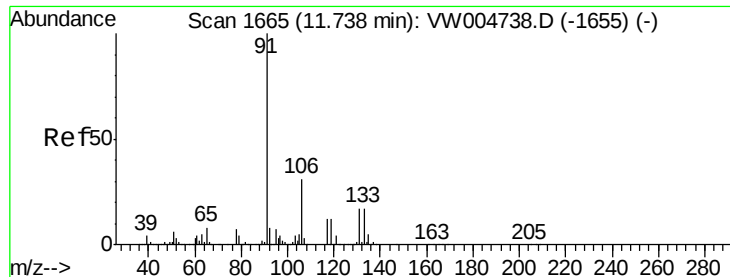
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.51 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	133464		
133	94.1	48.2	144.6	
119	66.8	34.0	102.0	





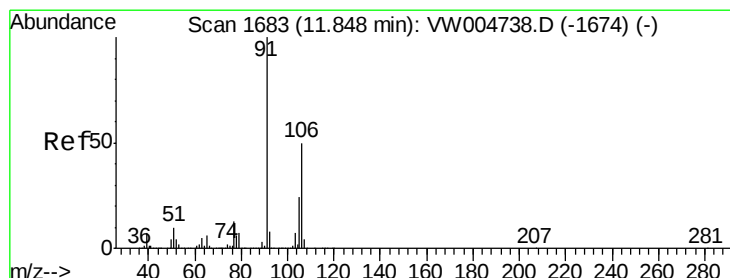
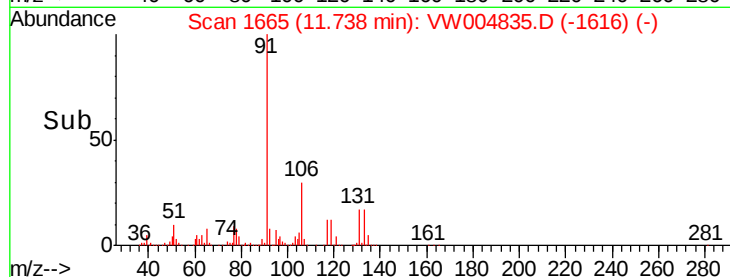
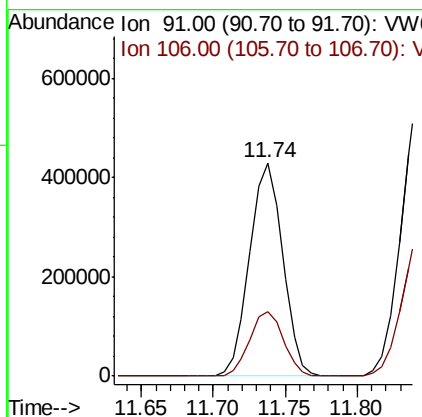
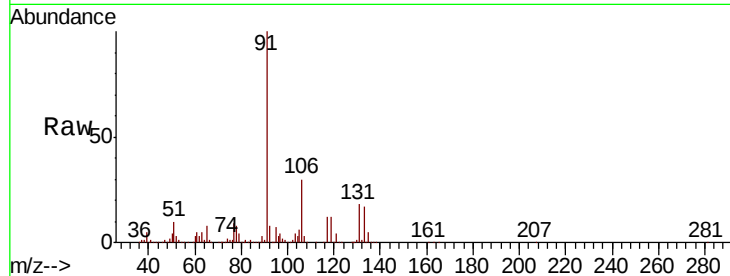
#67
Ethyl Benzene
Concen: 21.99 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.9	37.3

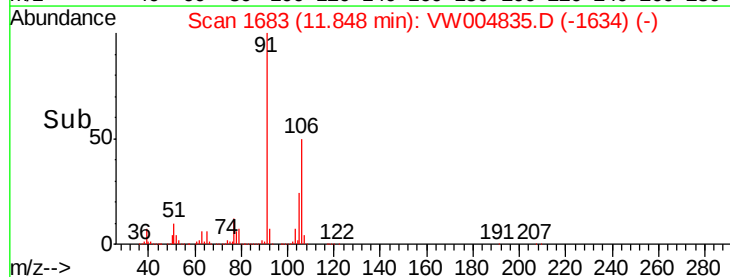
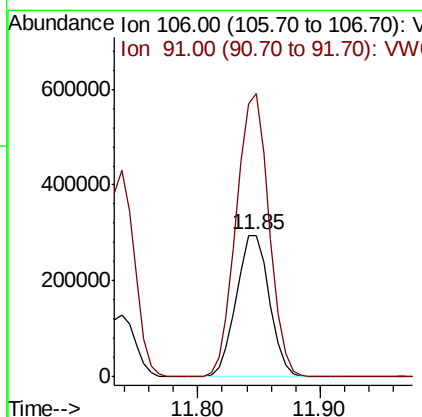
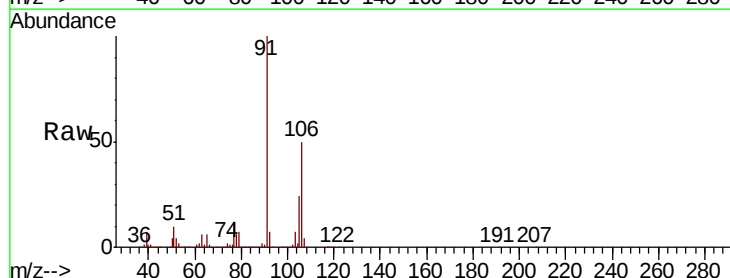
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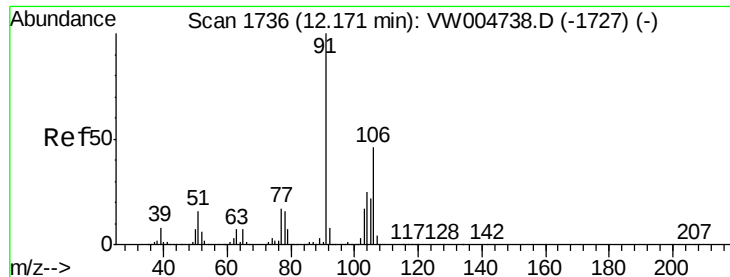
apatel
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#68
m/p-Xylenes
Concen: 45.60 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.6	159.9	239.9





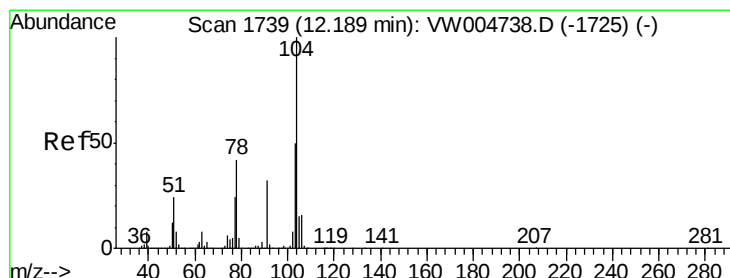
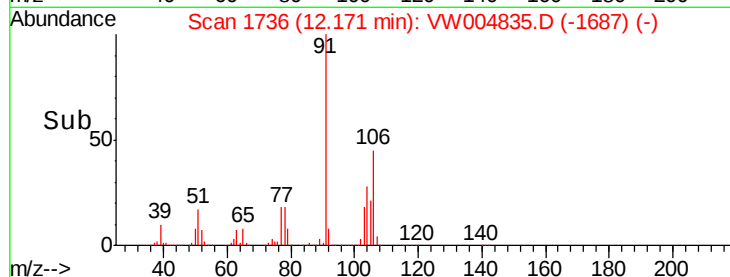
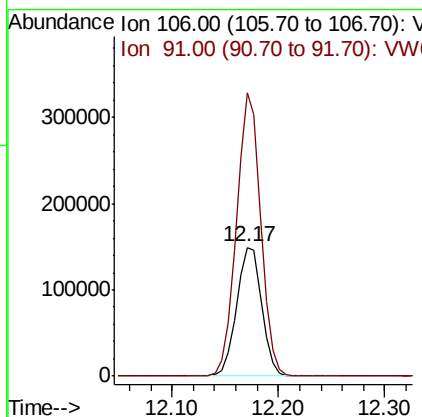
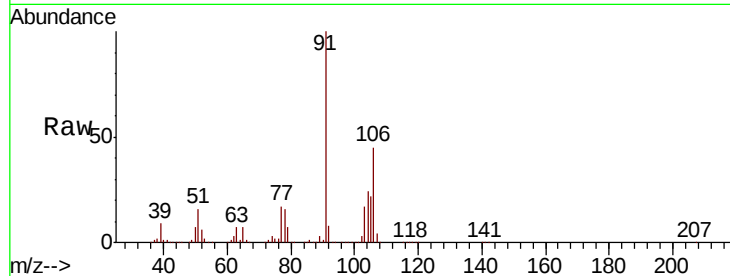
#69
o-Xylene
Concen: 22.04 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	247285		
91	212.1	107.3	321.8	

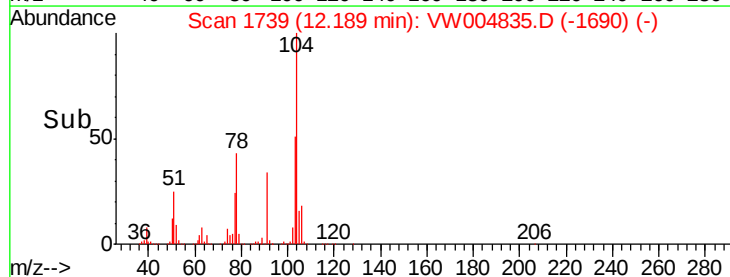
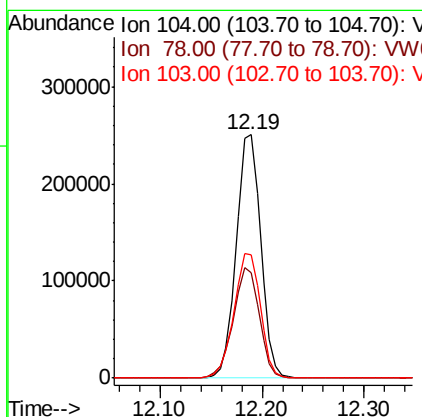
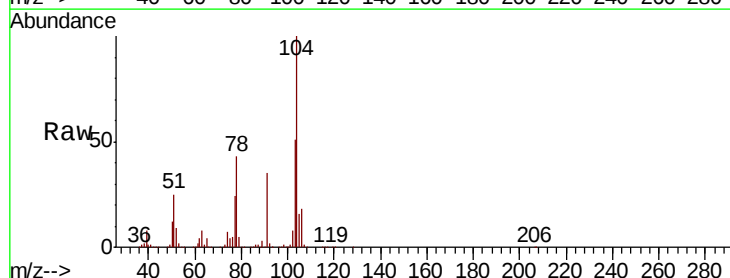
Manual Integrations
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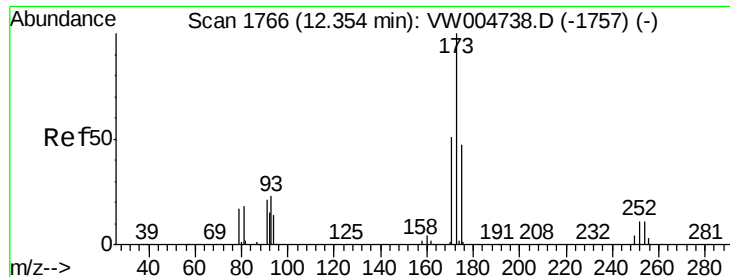
apatel
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#70
Styrene
Concen: 22.01 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	414822		
78	48.3	38.4	57.6	
103	55.3	44.1	66.1	





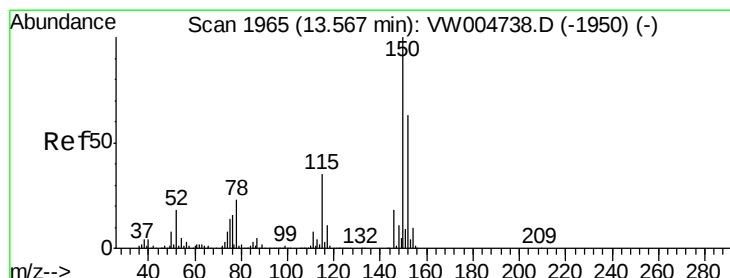
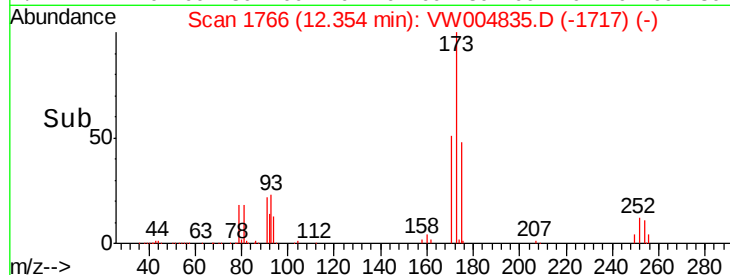
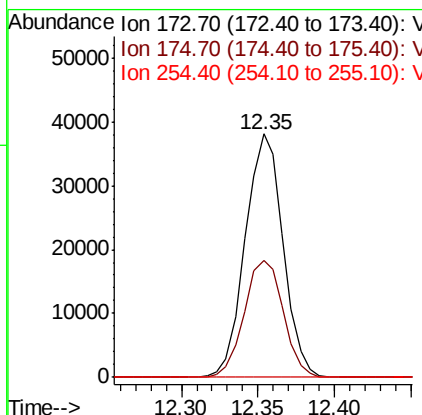
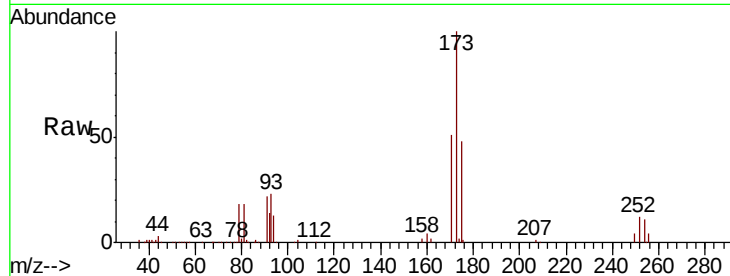
#71
Bromoform
Concen: 19.94 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	23.8	71.4
254	0.2	0.1	0.1#

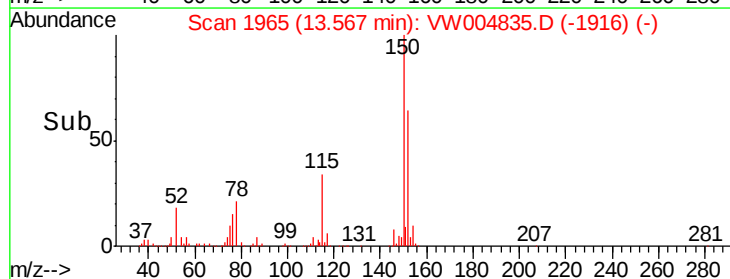
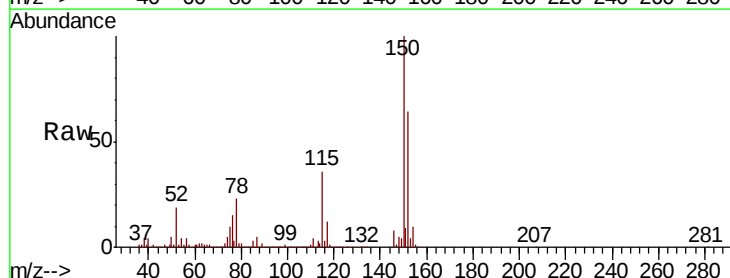
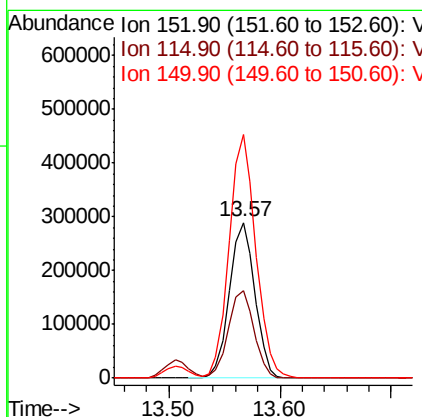
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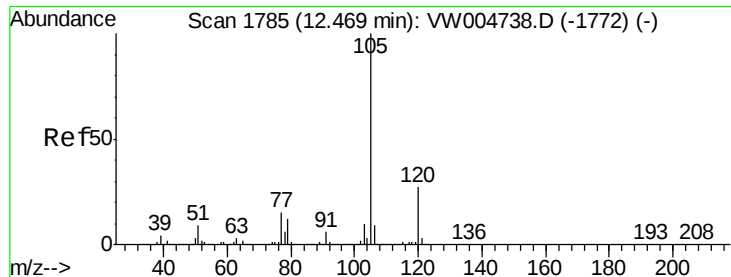
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.5	85.5
150	163.9	0.0	344.8





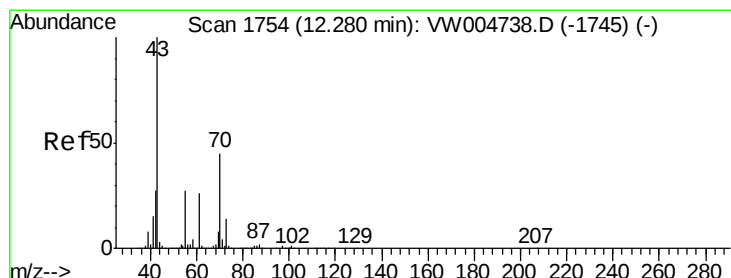
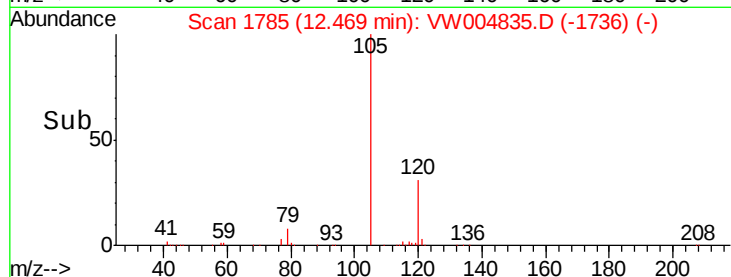
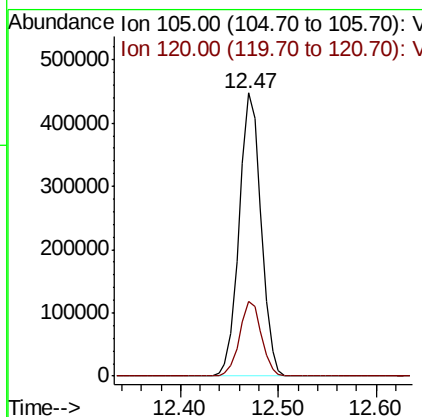
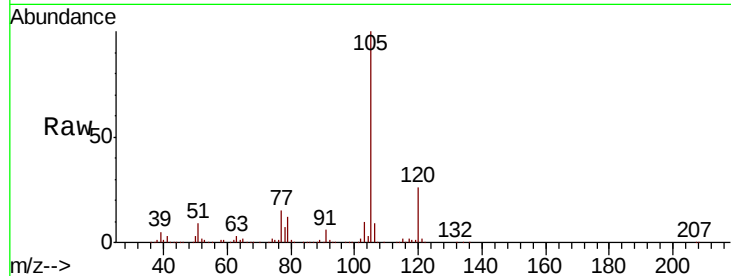
#73
Isopropylbenzene
Concen: 22.35 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.3	39.9

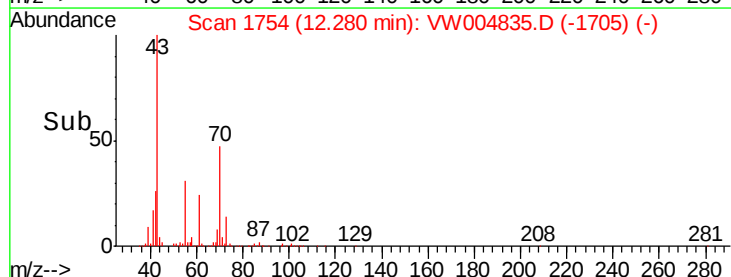
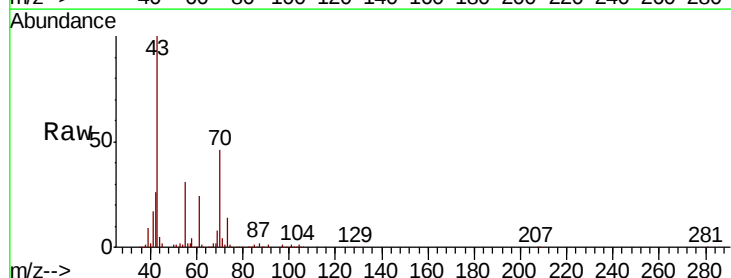
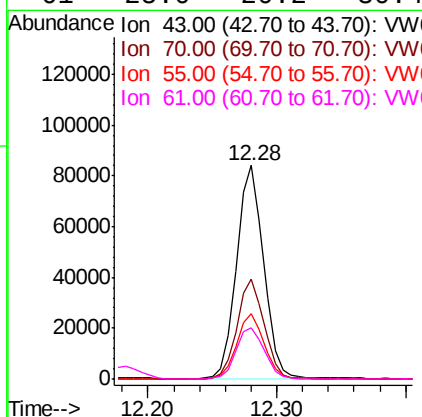
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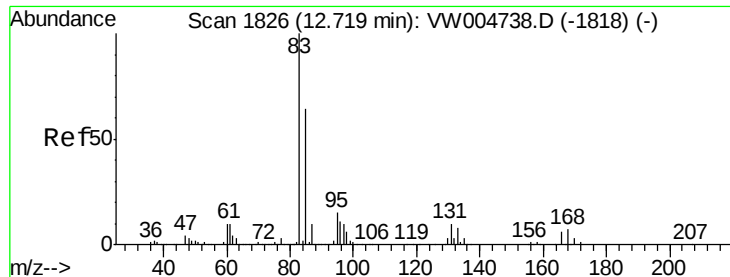
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#74
N-ethyl acetate
Concen: 19.57 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.3	36.3	54.5
55	31.6	22.6	33.8
61	25.0	20.2	30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.39 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

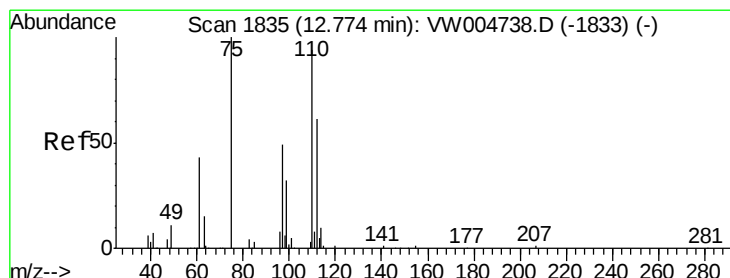
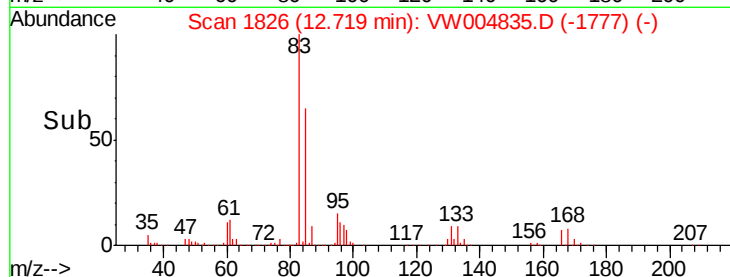
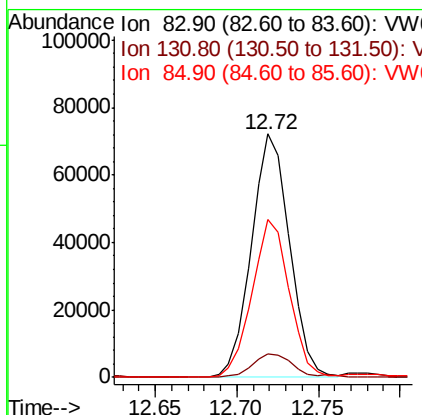
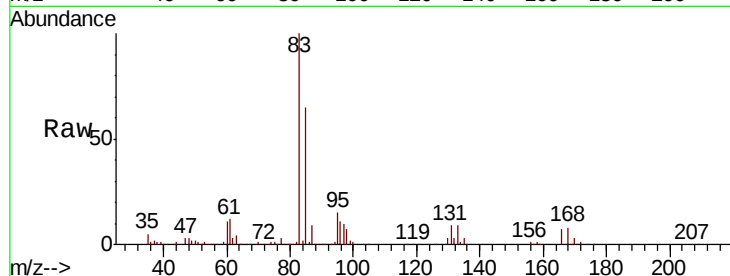
ClientSampleId :

VW0821SBS01

Tot Ion:	83	Resp:	117441
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.8
85	63.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.77 ug/l m

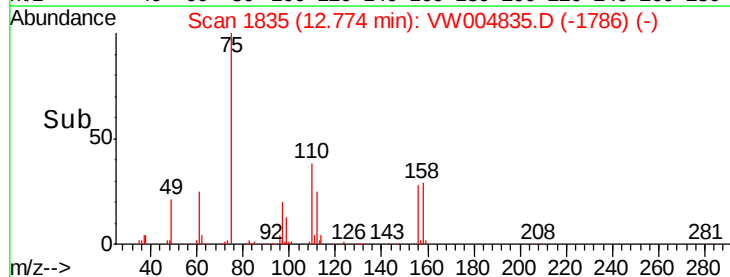
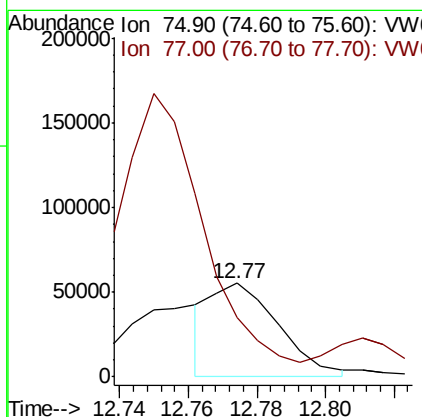
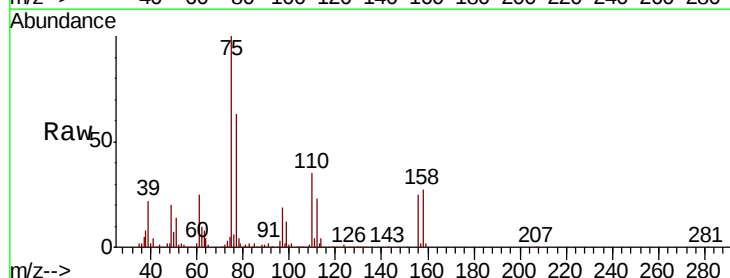
RT: 12.77 min Scan# 1835

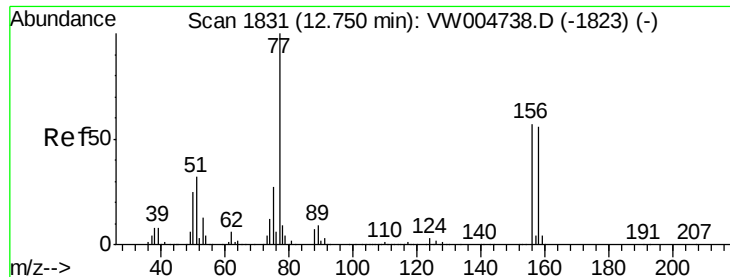
Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Tgt Ion:	75	Resp:	75634
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





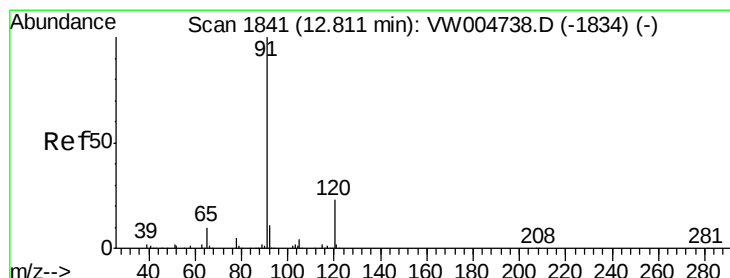
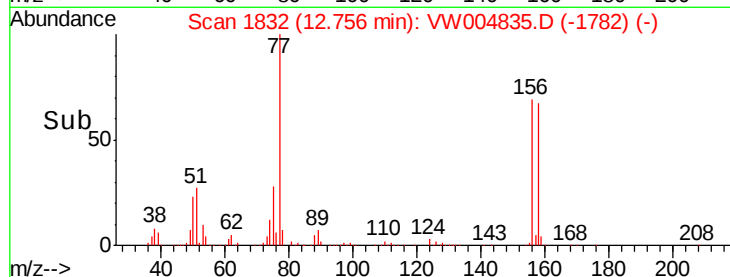
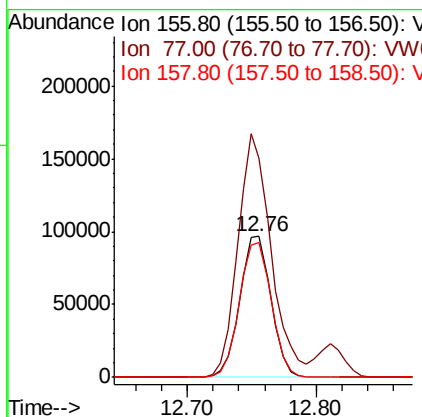
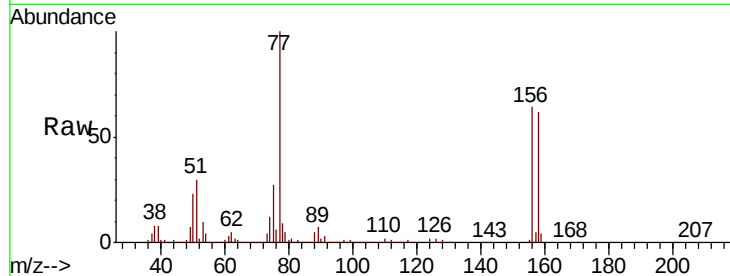
#77
Bromobenzene
Concen: 21.46 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	184.8	94.2	282.4	
158	98.3	48.6	145.9	

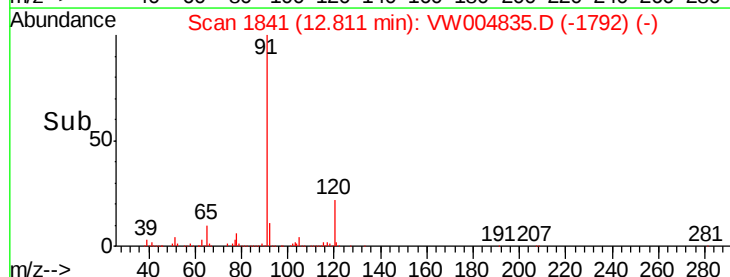
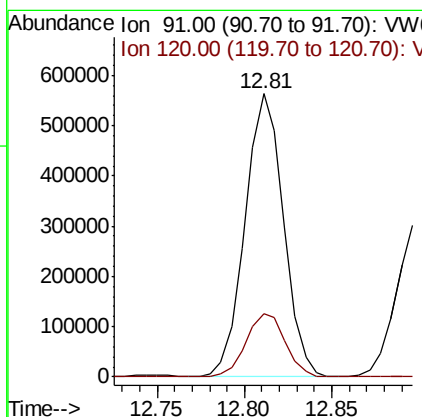
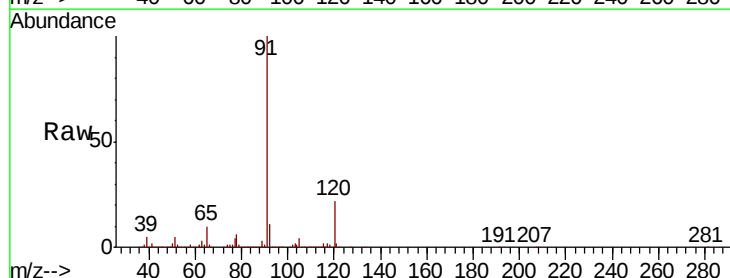
Manual Integrations
APPROVED

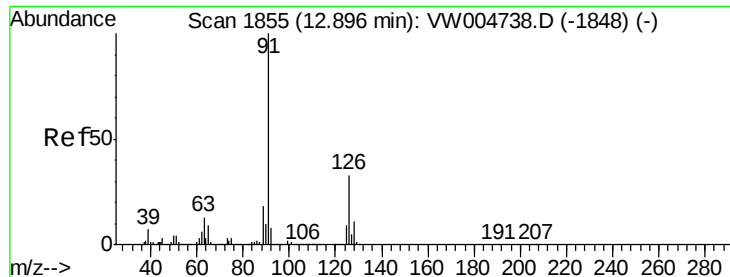
apatel
8/22/2018 11:25:17 AM



#78
n-propylbenzene
Concen: 22.75 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.8	11.4	34.2	





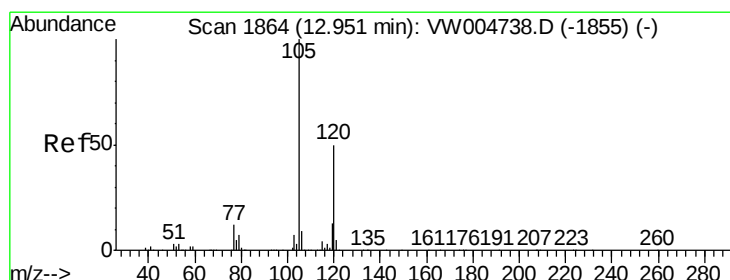
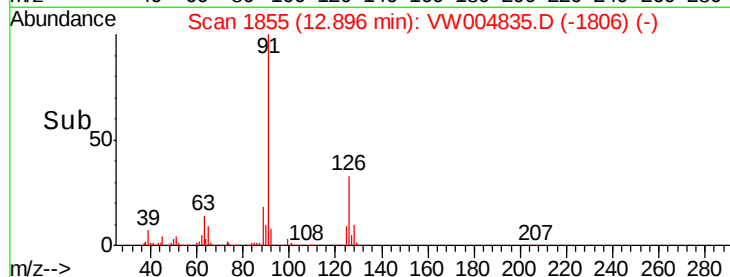
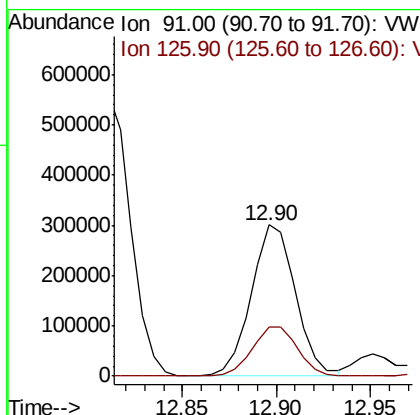
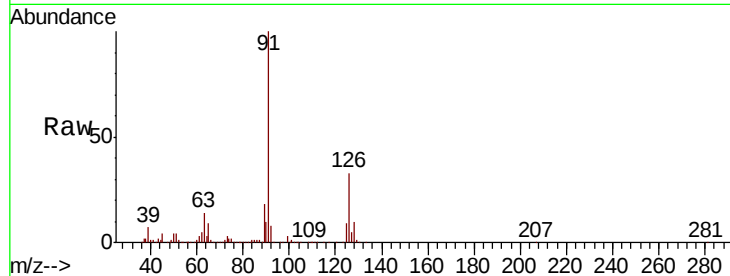
#79
 2-Chlorotoluene
 Concen: 22.31 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion: 91 Resp: 487909
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.0 51.0

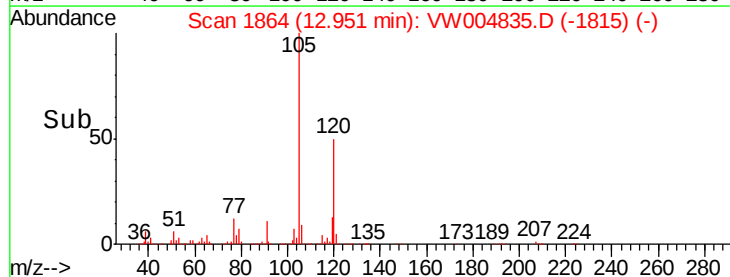
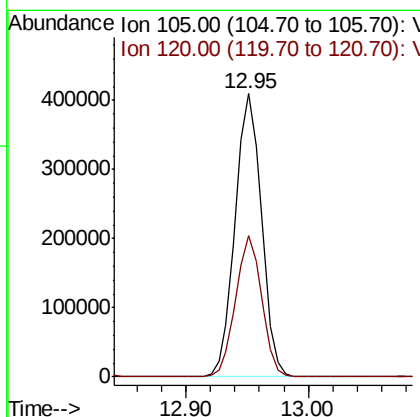
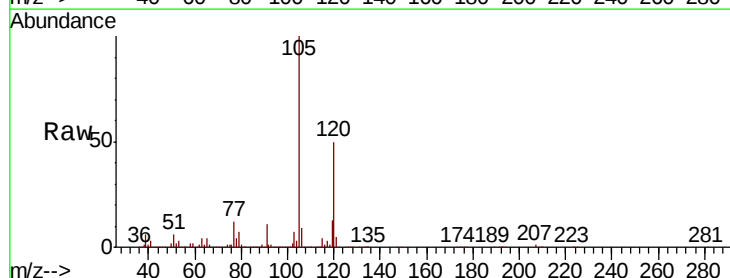
Manual Integrations
 APPROVED

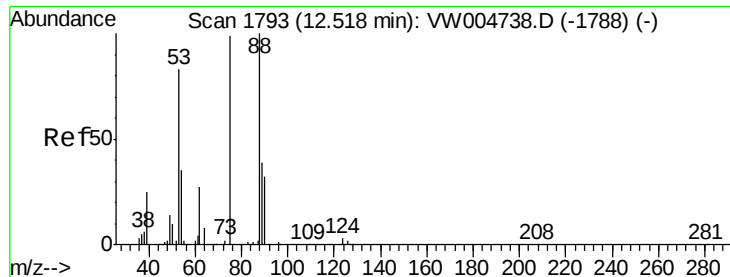
apatel
 8/22/2018 11:25:17 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 23.10 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion:105 Resp: 610199
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.7 74.1





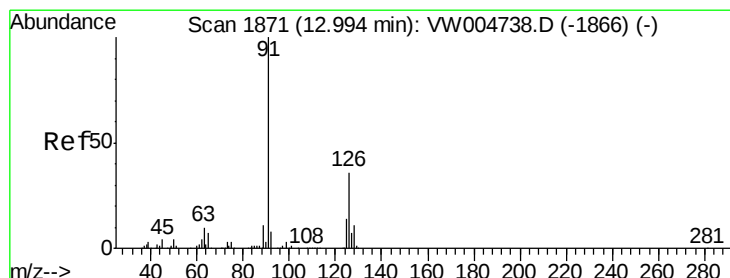
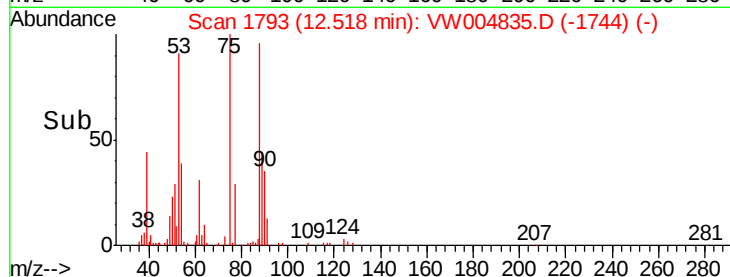
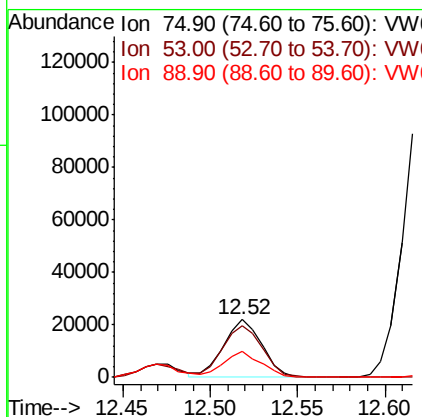
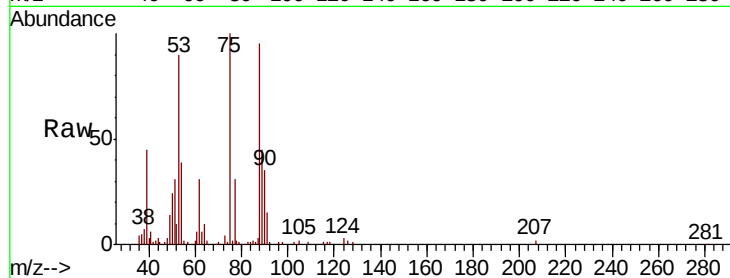
#81
trans-1,4-Dichloro-2-butene
Concen: 19.30 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.5	72.2	108.4
89	43.6	35.2	52.8

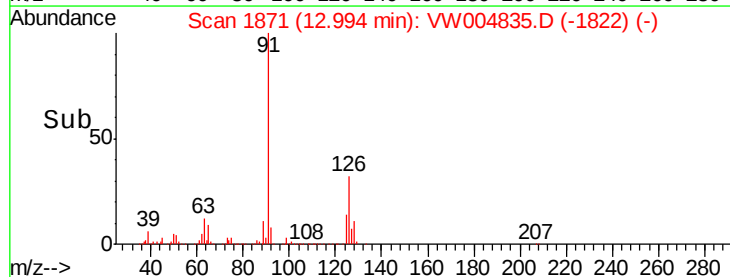
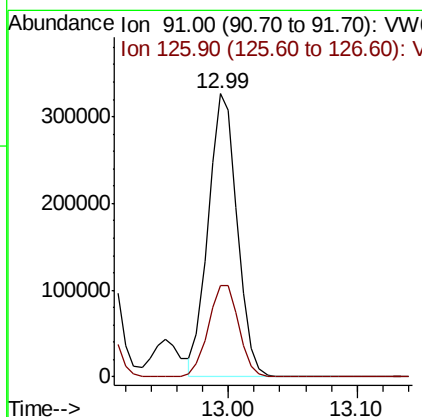
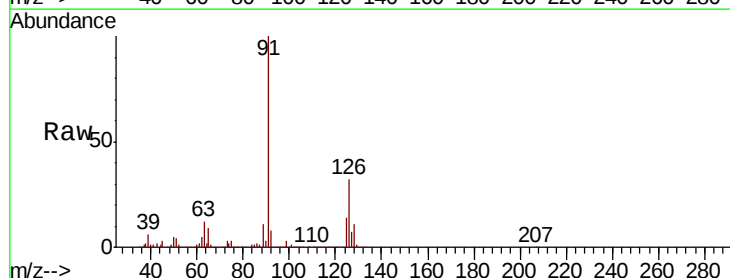
Manual Integrations
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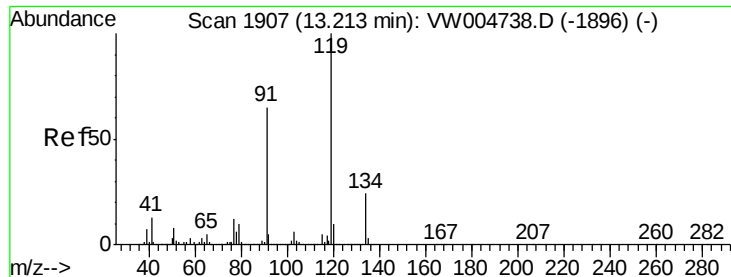
apatel
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#82
4-Chlorotoluene
Concen: 22.03 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.9	50.7





#83

tert-Butylbenzene

Concen: 22.26 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

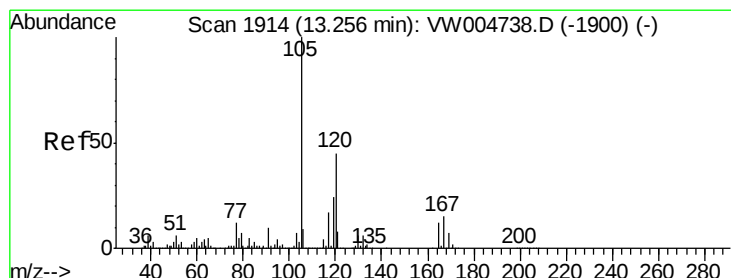
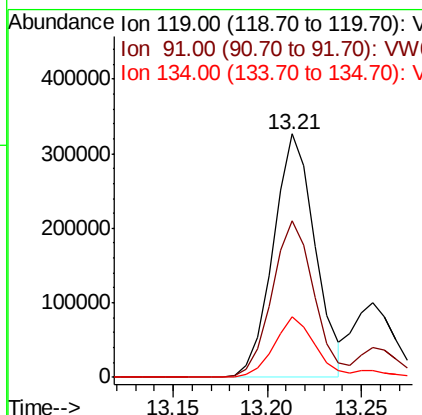
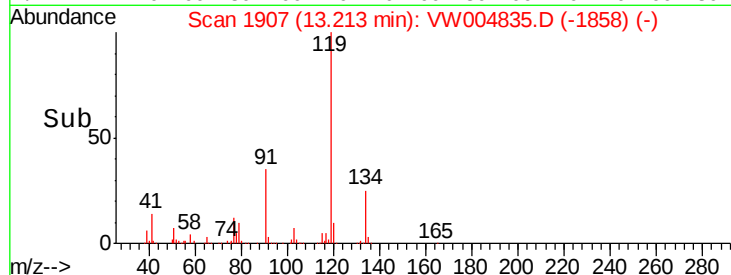
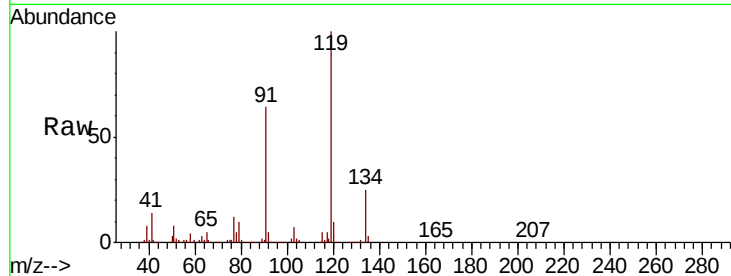
ClientSampleId :

VW0821SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		502985		
91	65.0	32.6	97.8		
134	24.3	13.1	39.3		

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 22.80 ug/l

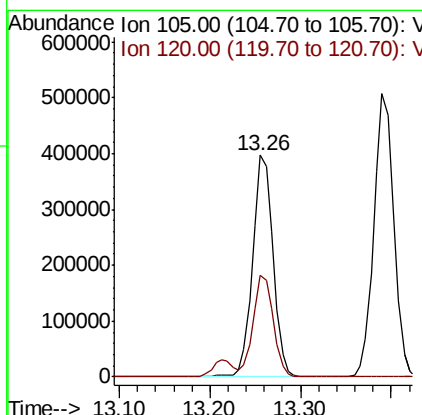
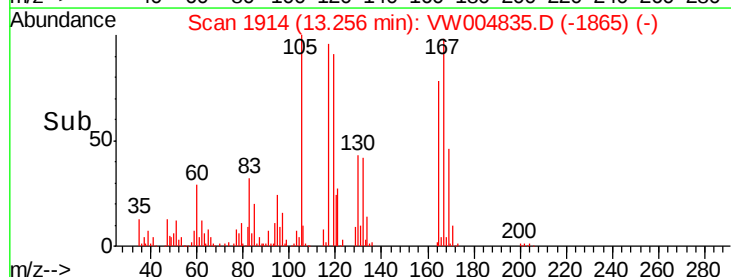
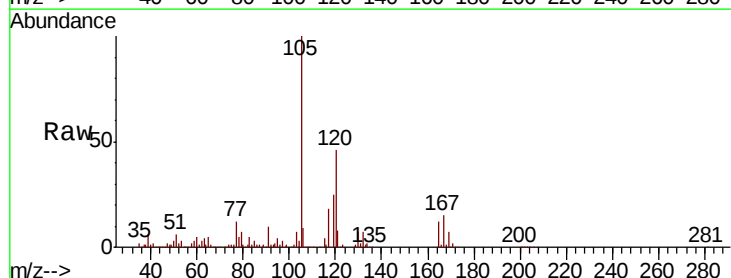
RT: 13.26 min Scan# 1914

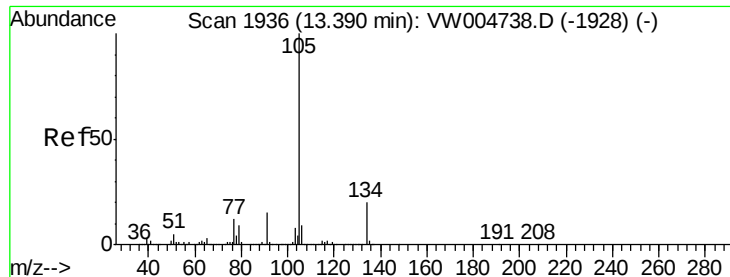
Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		619687		
120	45.3	22.8	68.3		





#85

sec-Butylbenzene

Concen: 22.81 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion:105 Resp: 769583

Ion Ratio Lower Upper

105 100

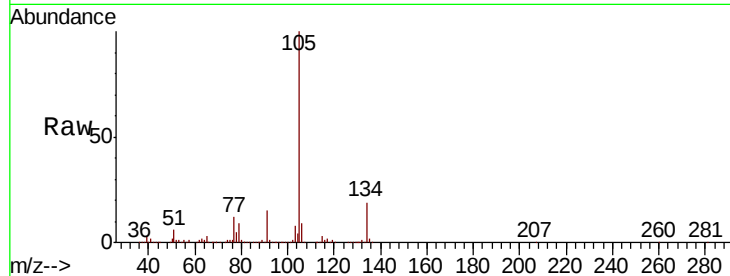
134 19.7 10.0 29.8

Manual Integrations

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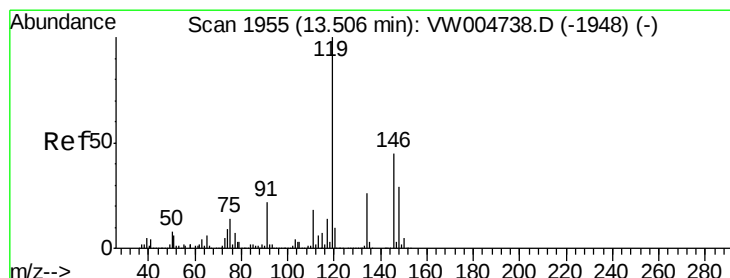
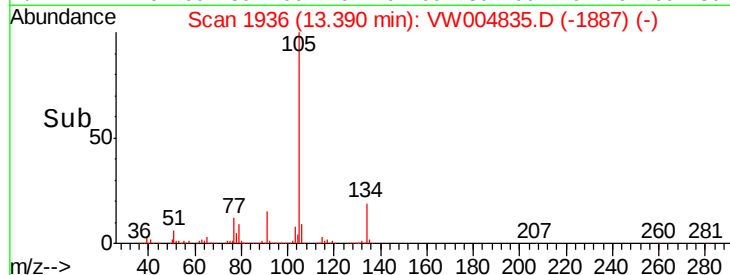
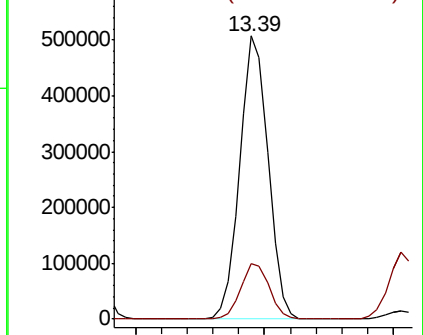
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.90 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

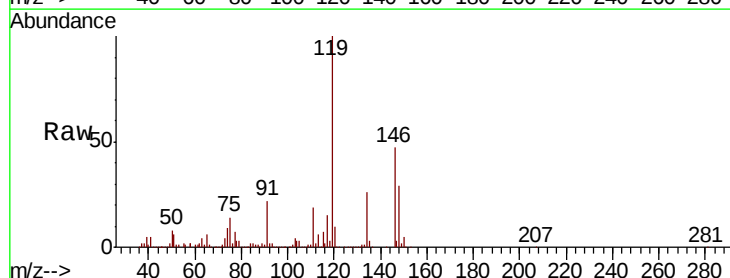
Tgt Ion:119 Resp: 672183

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

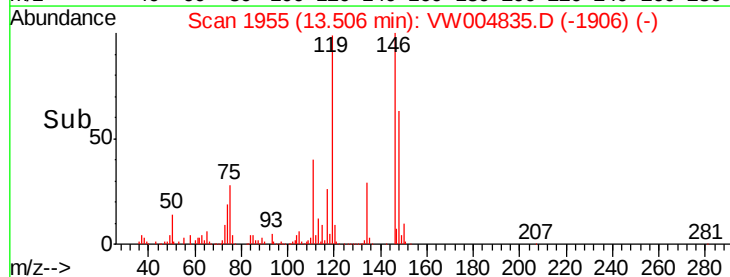
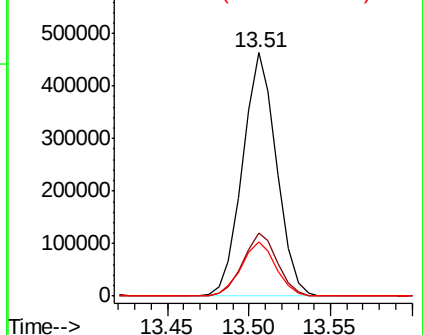
91 22.5 11.2 33.5

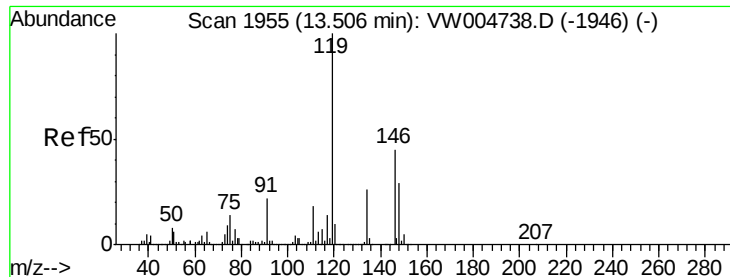


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





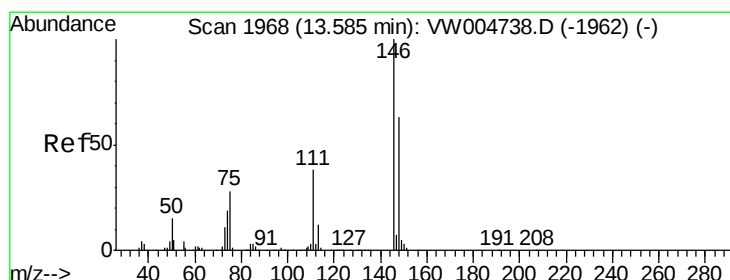
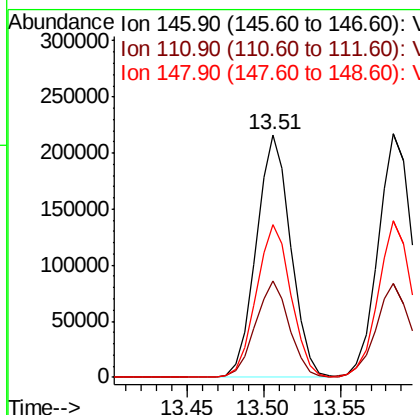
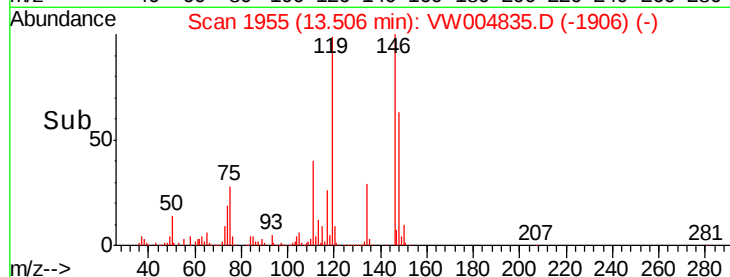
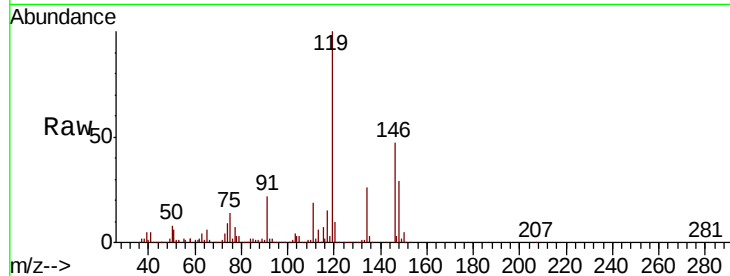
#87
 1,3-Dichlorobenzene
 Concen: 22.15 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	339115		
111	38.9	19.8	59.4	
148	63.3	31.9	95.9	

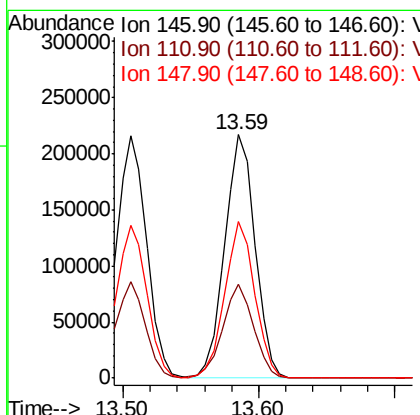
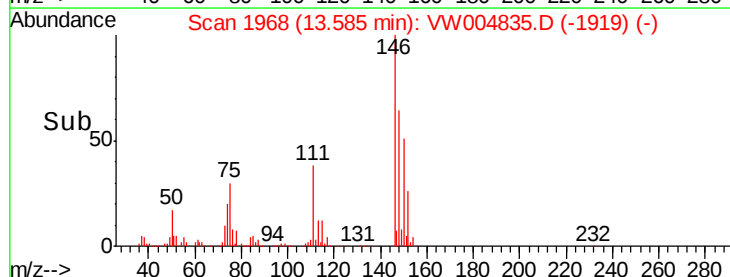
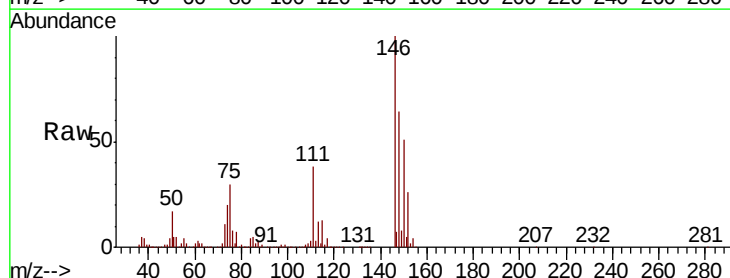
Manual Integrations
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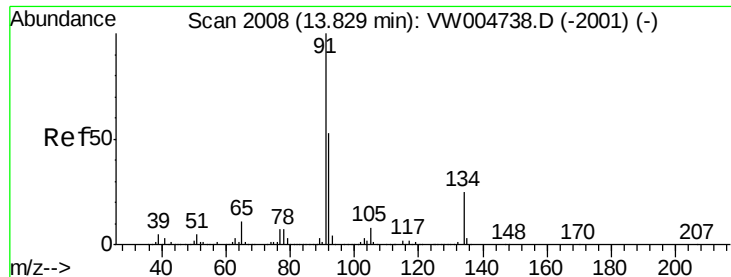
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#88
 1,4-Dichlorobenzene
 Concen: 22.00 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	336695		
111	39.0	19.3	57.8	
148	63.5	31.8	95.3	





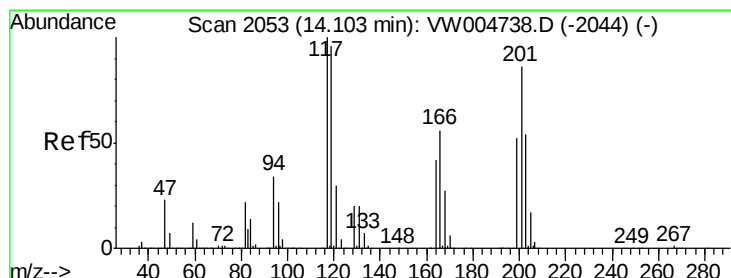
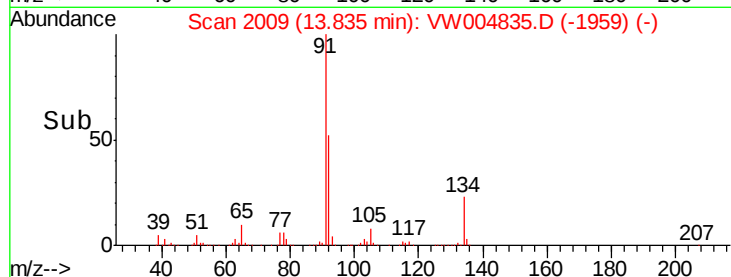
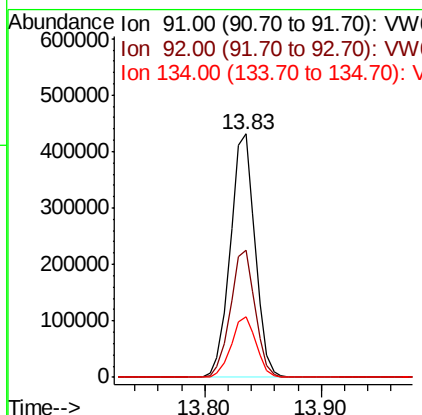
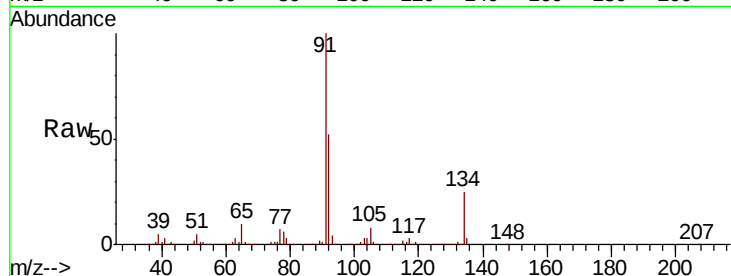
#89
n-Butylbenzene
Concen: 22.35 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.2
134	25.1	12.8	38.3

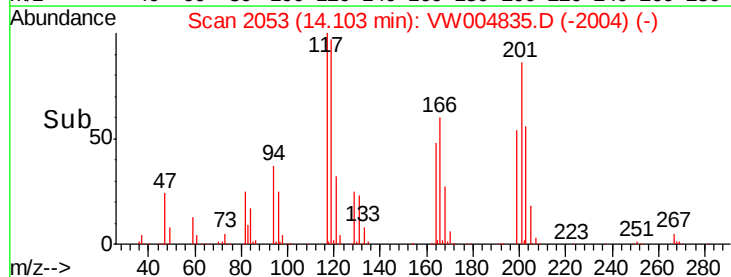
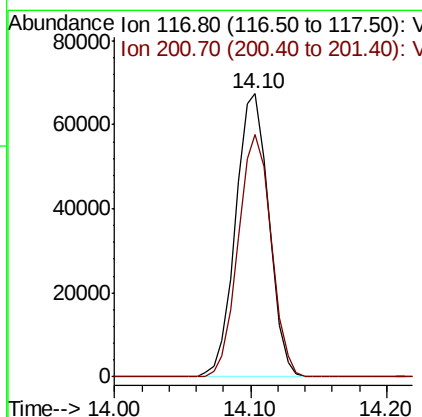
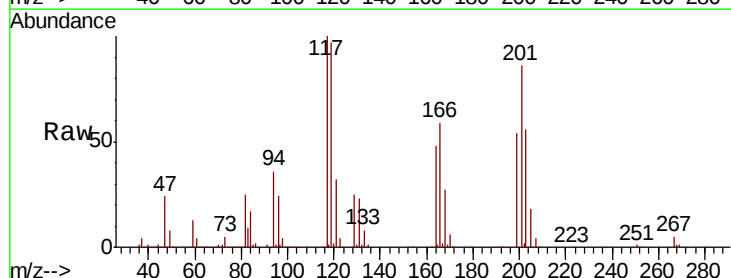
Manual Integrations
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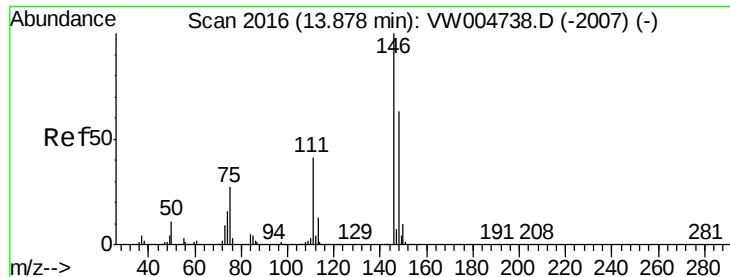
apatel
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#90
Hexachloroethane
Concen: 21.44 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.3	42.4	127.2





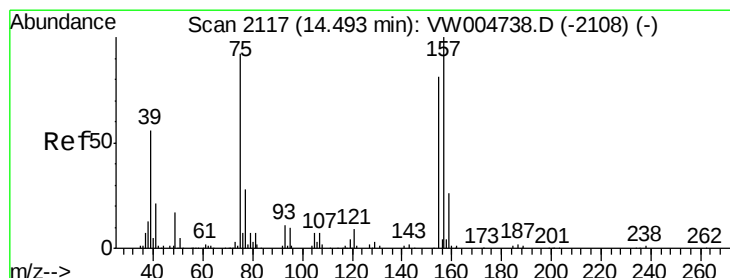
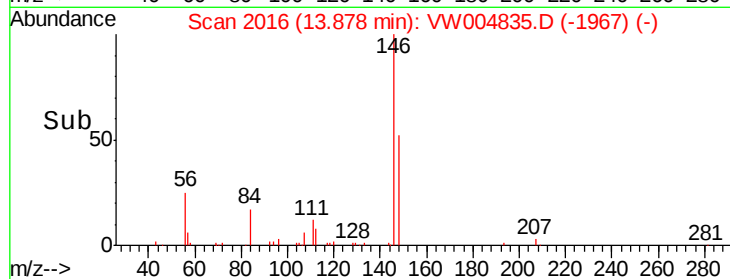
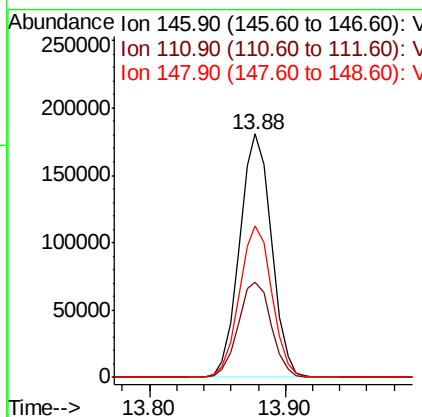
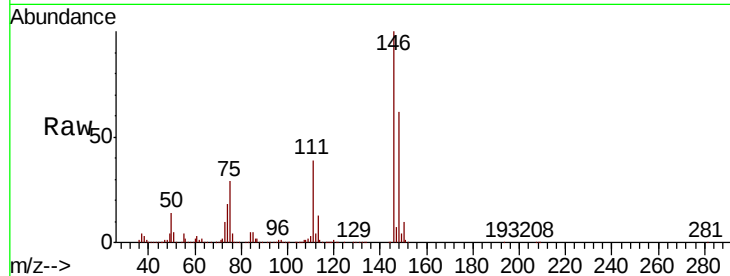
#91
 1,2-Dichlorobenzene
 Concen: 21.47 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	63.4	31.6	95.0

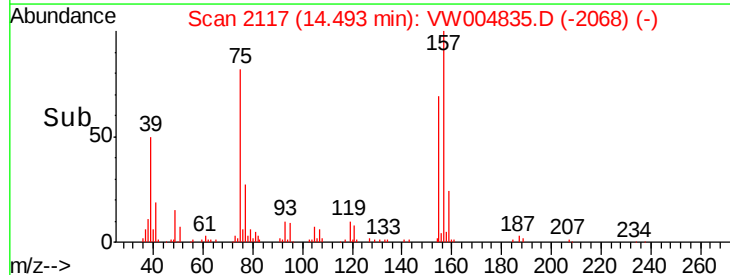
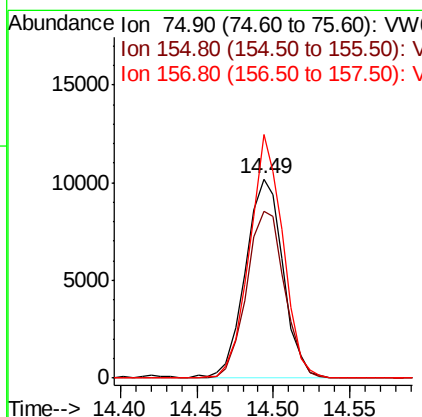
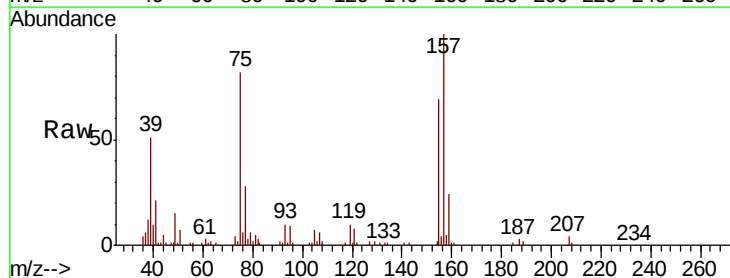
Manual Integrations
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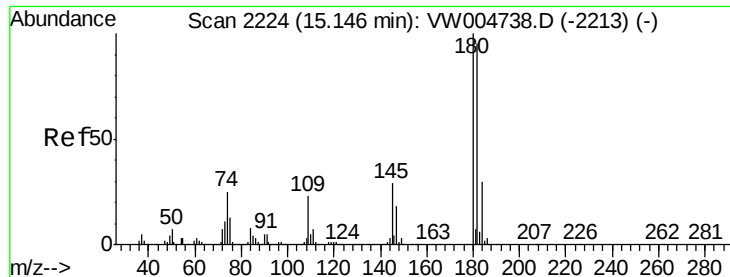
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.34 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	43.3	129.9
157	108.6	54.5	163.6





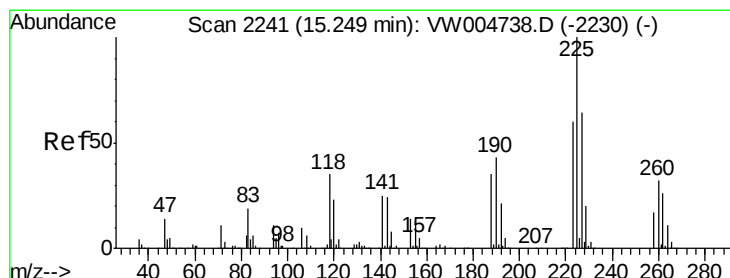
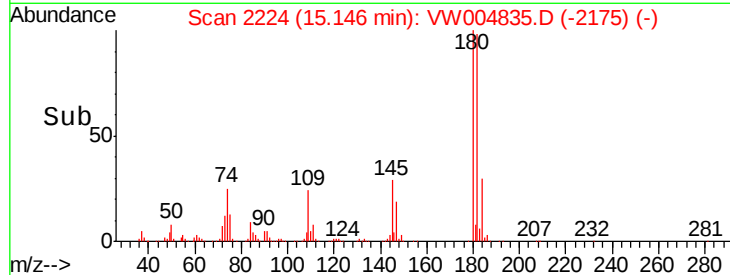
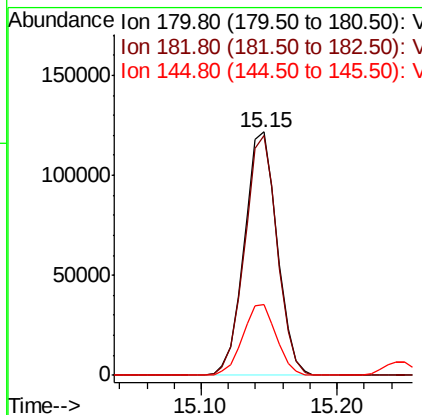
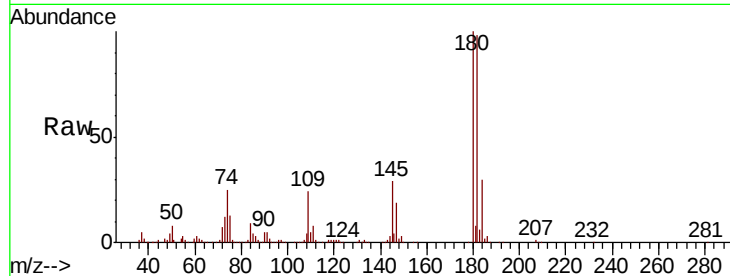
#93
 1,2,4-Trichlorobenzene
 Concen: 21.13 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	205488		
182	97.1	47.3	141.8	
145	29.8	14.6	43.8	

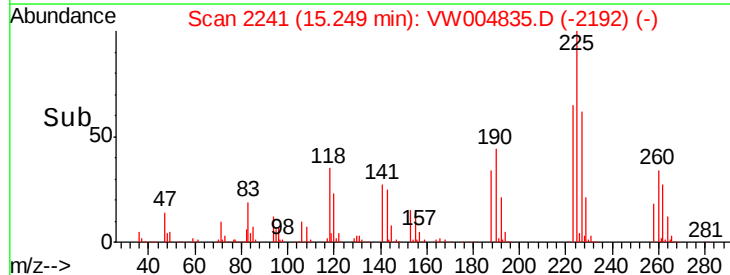
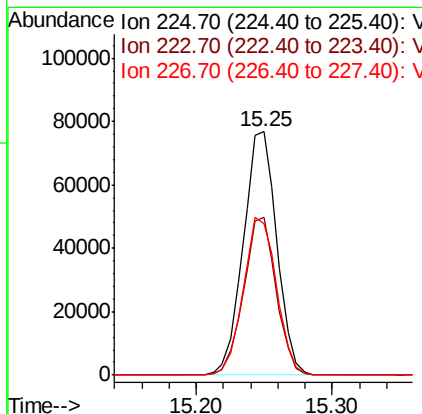
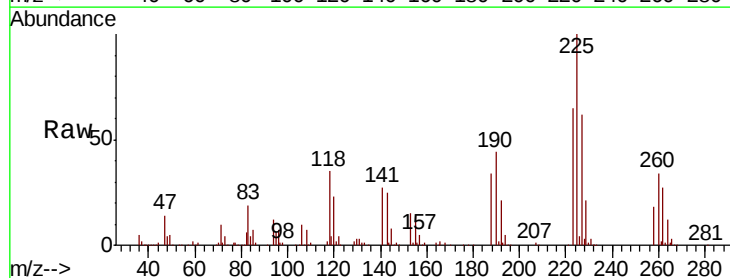
Manual Integrations
 APPROVED

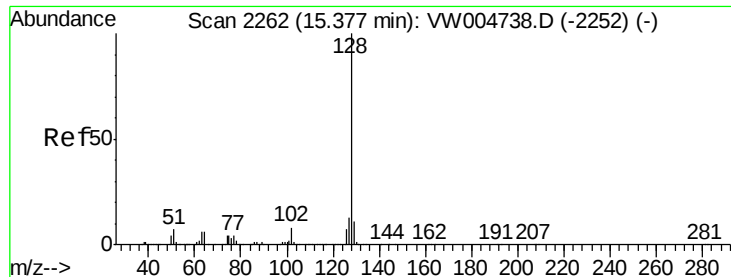
apatel
 8/22/2018 11:25:17 AM



#94
 Hexachlorobutadiene
 Concen: 22.16 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132276		
223	62.8	30.9	92.5	
227	64.1	32.0	96.0	





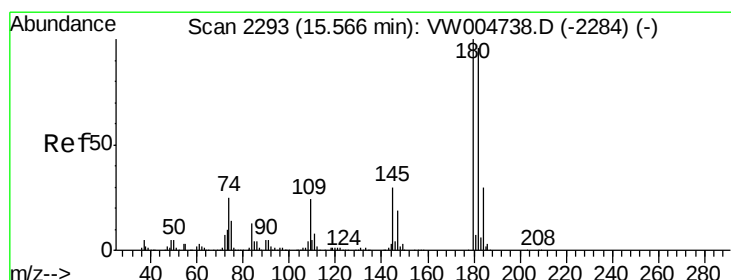
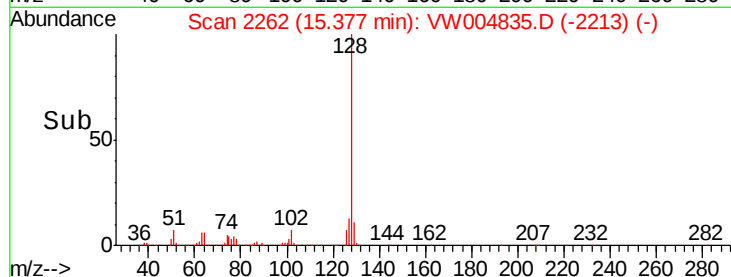
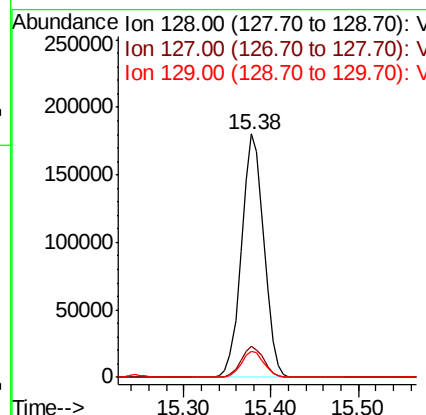
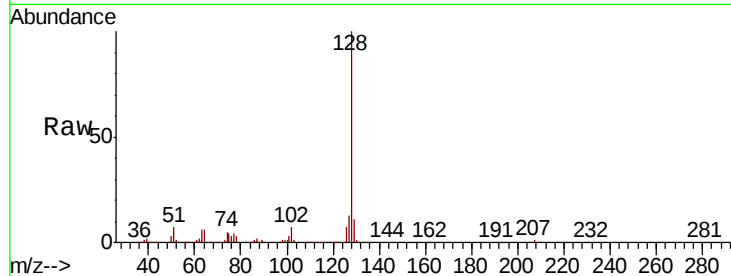
#95
Naphthalene
Concen: 19.38 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	321766		
127	13.0		10.4	15.6
129	10.8		8.6	13.0

Manual Integrations
APPROVED

apatel
8/22/2018 11:25:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.70 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	178543		
182	96.5		47.3	142.0
145	31.5		15.4	46.1

