

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004861.D
 Acq On : 22 Aug 2018 01:54
 Operator : SY/AP
 Sample : VW0821SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS02

Manual Integrations
 APPROVED

apatel
 8/22/2018 11:25:34 AM

Quant Time: Aug 22 07:26:45 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	592833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	918919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	861001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	450990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	294672	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.88	113	301204	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.33	98	1207540	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.62	95	430250	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72150	18.37	ug/l	96
3) Chloromethane	2.21	50	101544	19.78	ug/l	99
4) Vinyl Chloride	2.37	62	164895	21.82	ug/l	100
5) Bromomethane	2.78	94	102666	22.00	ug/l	98
6) Chloroethane	2.93	64	100863	22.12	ug/l	97
7) Trichlorofluoromethane	3.26	101	79395	22.30	ug/l	99
8) Diethyl Ether	3.67	74	69535	21.60	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	130446	21.28	ug/l	97
10) Methyl Iodide	4.26	142	206033	22.13	ug/l	99
11) Tert butyl alcohol	5.23	59	27520	85.94	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	130681	21.39	ug/l	96
13) Acrolein	3.90	56	39478	91.87	ug/l	100
14) Allyl chloride	4.66	41	198967	21.46	ug/l	99
15) Acrylonitrile	5.38	53	136978	101.47	ug/l	100
16) Acetone	4.14	43	130590	89.25	ug/l	98
17) Carbon Disulfide	4.37	76	428125	21.32	ug/l	99
18) Methyl Acetate	4.67	43	66825	21.31	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	170216	21.46	ug/l	100
20) Methylene Chloride	4.92	84	162672	21.93	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	141252	21.73	ug/l	97
22) Diisopropyl ether	6.31	45	407305	22.86	ug/l	100
23) Vinyl Acetate	6.26	43	1028925	102.08	ug/l	100
24) 1,1-Dichloroethane	6.21	63	257663	22.25	ug/l	99
25) 2-Butanone	7.18	43	193331	92.74	ug/l	97
26) 2,2-Dichloropropane	7.17	77	135564	20.27	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	151850	21.70	ug/l	100
28) Bromochloromethane	7.51	49	101960	20.91	ug/l	100
29) Tetrahydrofuran	7.54	42	102148	96.09	ug/l	98
30) Chloroform	7.68	83	251122	22.05	ug/l	99
31) Cyclohexane	7.96	56	233445	20.84	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	202844	22.47	ug/l	98
36) 1,1-Dichloropropene	8.09	75	201262	21.26	ug/l	99
37) Ethyl Acetate	7.26	43	74861	19.84	ug/l	98
38) Carbon Tetrachloride	8.07	117	181238	20.80	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241097	20.37	ug/l	99
40) Benzene	8.32	78	593815	21.58	ug/l	99
41) Methacrylonitrile	7.49	41	44536	20.80	ug/l	99
42) 1,2-Dichloroethane	8.40	62	148895	21.11	ug/l	100
43) Isopropyl Acetate	8.43	43	133232	19.66	ug/l	99
44) Trichloroethene	9.10	130	147542	21.13	ug/l	98
45) 1,2-Dichloropropane	9.37	63	143370	21.30	ug/l	98
46) Dibromomethane	9.46	93	68716	20.61	ug/l	100
47) Bromodichloromethane	9.65	83	167725	21.07	ug/l	99
48) Methyl methacrylate	9.44	41	61994	19.49	ug/l	96
49) 1,4-Dioxane	9.48	88	19563	401.64	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	451281	98.51	ug/l	99
52) Toluene	10.39	92	363130	22.01	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	163793	20.42	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	199304	20.84	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	101562	21.43	ug/l	98
56) Ethyl methacrylate	10.65	69	111766	19.96	ug/l	100
57) 1,3-Dichloropropane	10.94	76	173263	21.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	272740	104.21	ug/l	98
59) 2-Hexanone	10.98	43	295999	95.36	ug/l	99
60) Dibromochloromethane	11.13	129	111238	20.92	ug/l	99
61) 1,2-Dibromoethane	11.24	107	93304	20.60	ug/l	99
64) Tetrachloroethene	10.87	164	131240	22.30	ug/l	98
65) Chlorobenzene	11.66	112	404502	21.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	131994	21.09	ug/l	99
67) Ethyl Benzene	11.74	91	671946	21.39	ug/l	99
68) m/p-Xylenes	11.85	106	538200	44.03	ug/l	100
69) o-Xylene	12.17	106	247097	21.84	ug/l	99
70) Styrene	12.19	104	415441	21.86	ug/l	100
71) Bromoform	12.35	173	66353	20.09	ug/l #	97
73) Isopropylbenzene	12.47	105	679502	22.15	ug/l	100
74) N-amyl acetate	12.28	43	125897	20.13	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	118449	20.84	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78980m	19.87	ug/l	
77) Bromobenzene	12.75	156	161878	21.80	ug/l	99
78) n-propylbenzene	12.81	91	834264	22.28	ug/l	100
79) 2-Chlorotoluene	12.90	91	478343	22.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	589793	22.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32116	18.78	ug/l	96
82) 4-Chlorotoluene	12.99	91	508933	22.20	ug/l	100
83) tert-Butylbenzene	13.21	119	487743	21.88	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	602912	22.48	ug/l	100
85) sec-Butylbenzene	13.39	105	736414	22.12	ug/l	99
86) p-Isopropyltoluene	13.51	119	643038	22.20	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	331712	21.96	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	325184	21.54	ug/l	99
89) n-Butylbenzene	13.83	91	593728	21.20	ug/l	99
90) Hexachloroethane	14.10	117	112631	21.33	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	294813	21.73	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17126	19.28	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	202728	21.13	ug/l	100
94) Hexachlorobutadiene	15.24	225	127416	21.63	ug/l	99
95) Naphthalene	15.38	128	330212	20.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	180167	21.17	ug/l	99

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

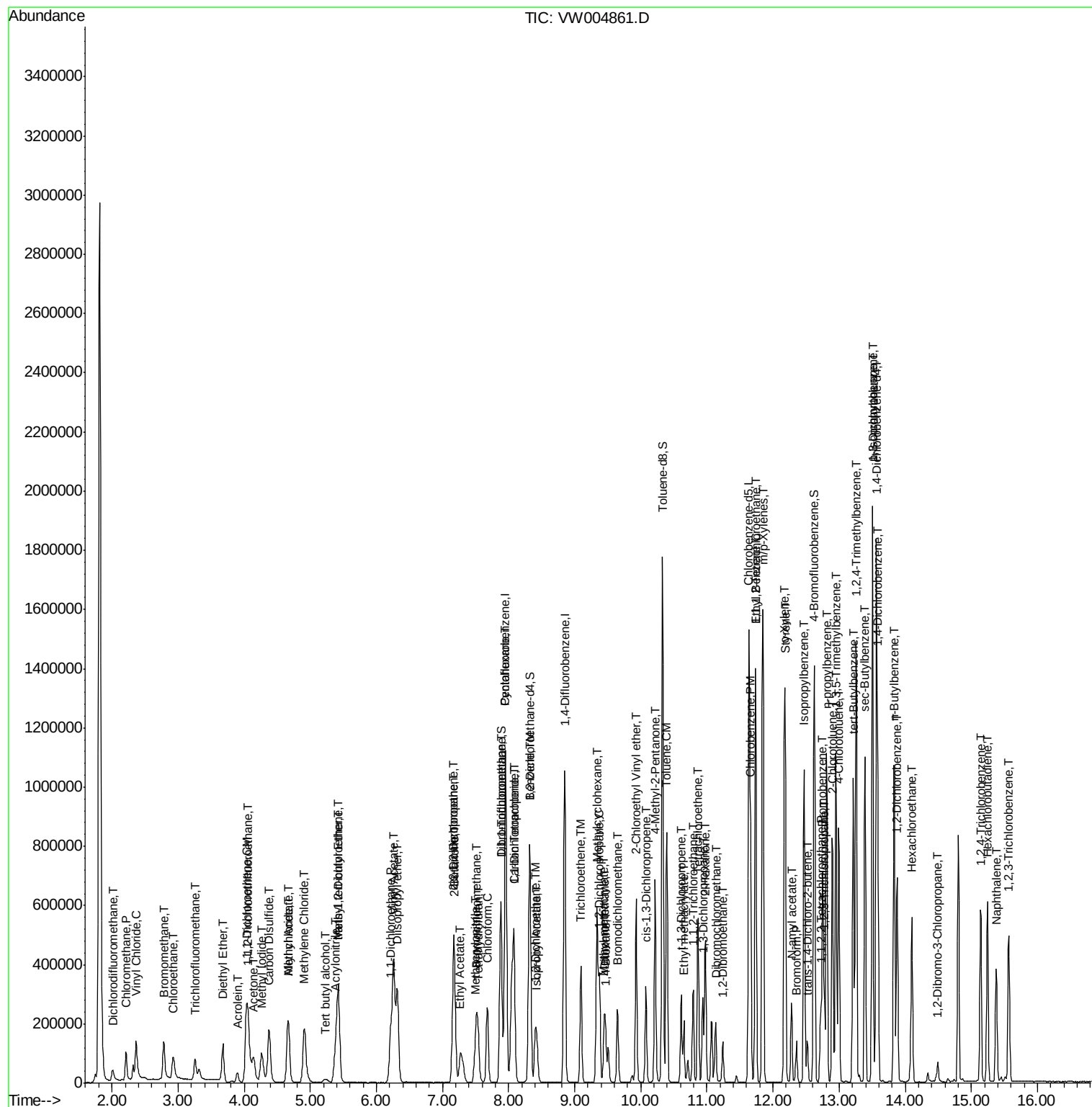
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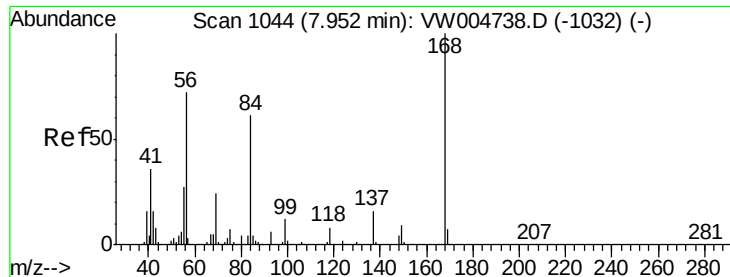
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS02

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampled :

VW0821SBS02

Tot Ion:168 Resp: 592833

Ion Ratio Lower Upper

168 100

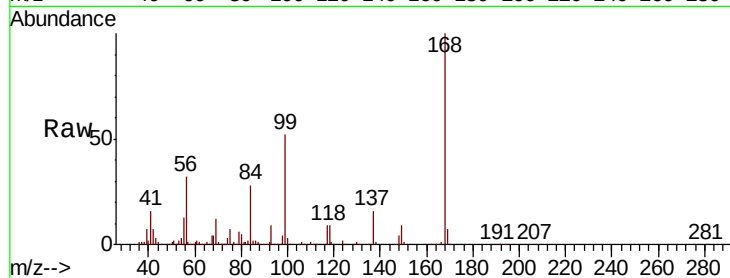
99 52.3 41.0 61.4

Manual Integrations

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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

250000

200000

150000

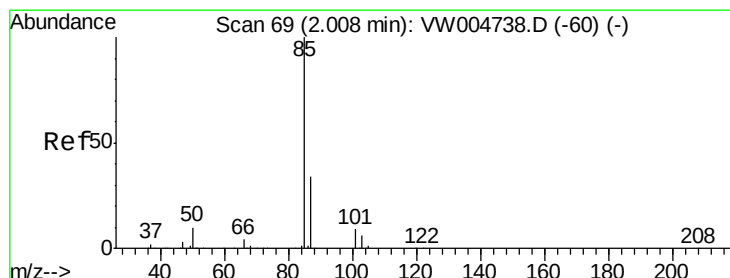
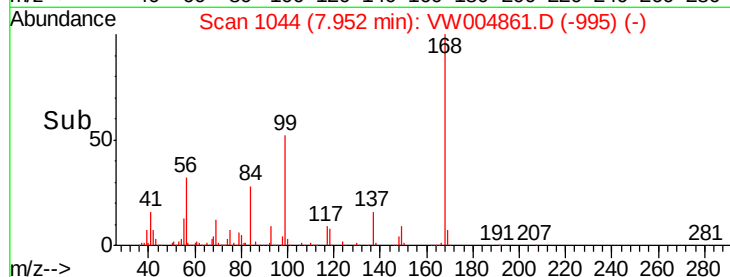
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.37 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004861.D

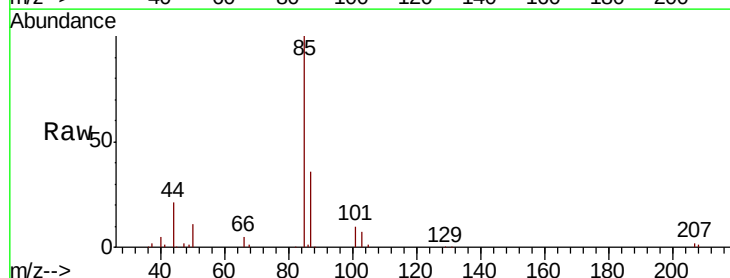
Acq: 22 Aug 2018 01:54

Tgt Ion: 85 Resp: 72150

Ion Ratio Lower Upper

85 100

87 35.8 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

20000

15000

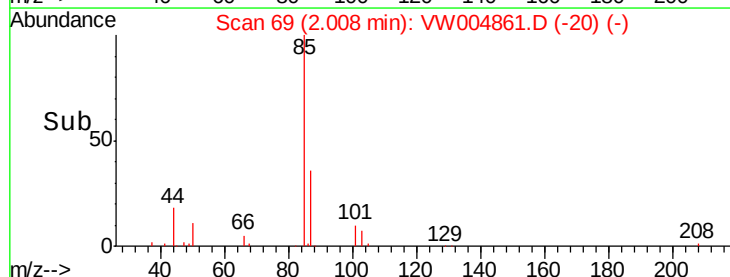
10000

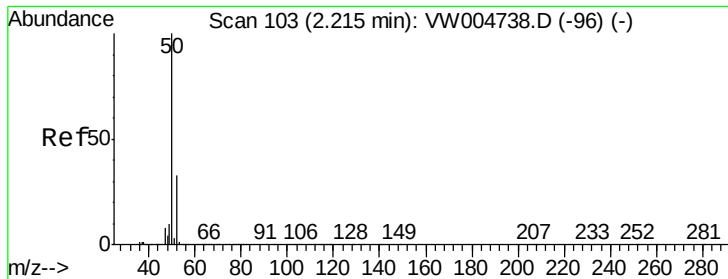
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 19.78 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS02

Tot Ion: 50 Resp: 101544

Ion Ratio Lower Upper

50 100

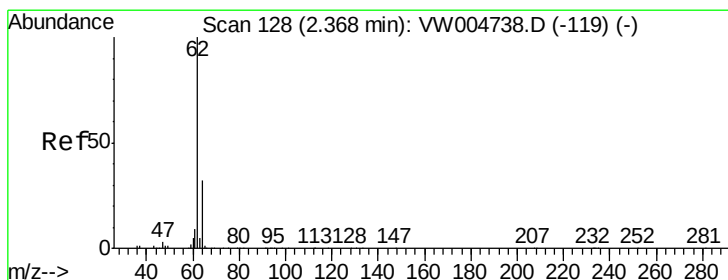
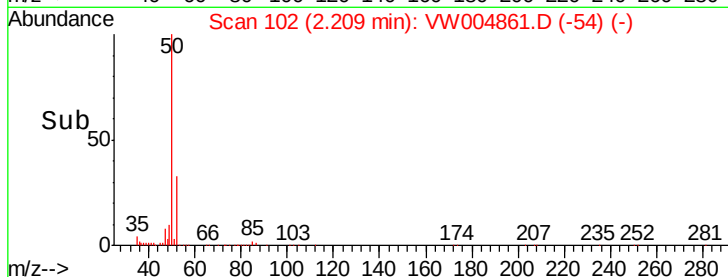
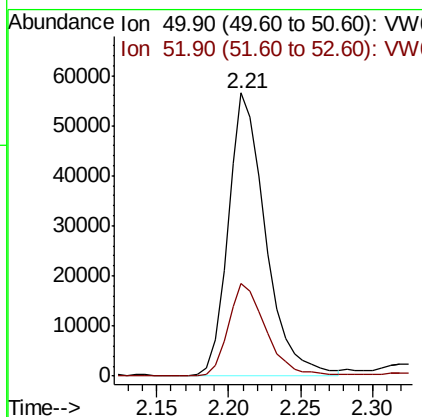
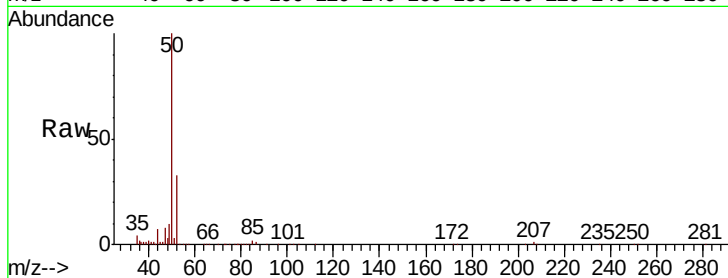
52 32.6 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.82 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004861.D

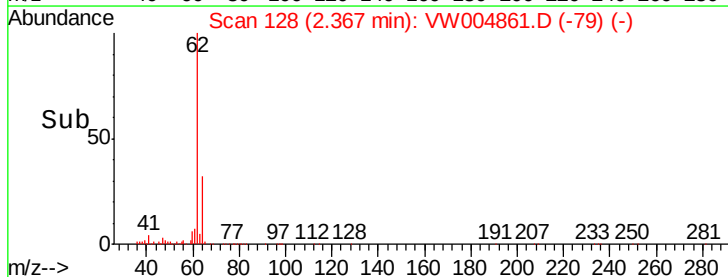
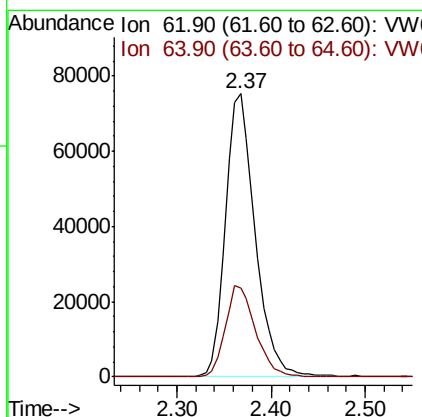
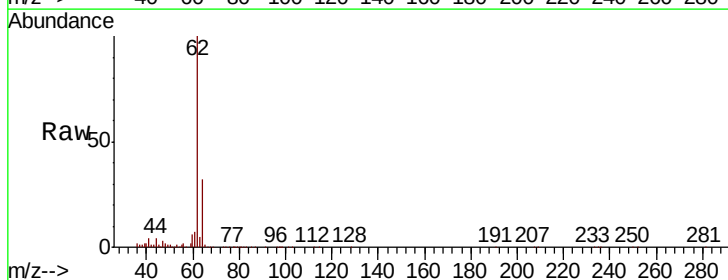
Acq: 22 Aug 2018 01:54

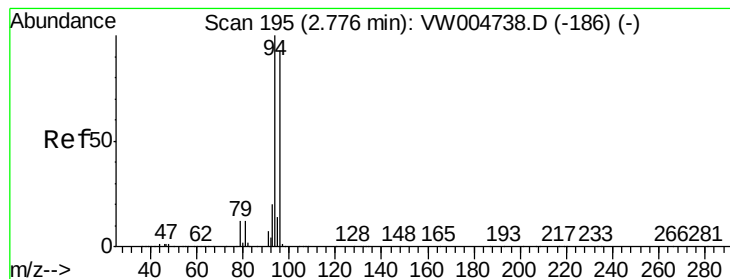
Tgt Ion: 62 Resp: 164895

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 22.00 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

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ClientSampleId :

VW0821SBS02

Tot Ion: 94 Resp: 102666

Ion Ratio Lower Upper

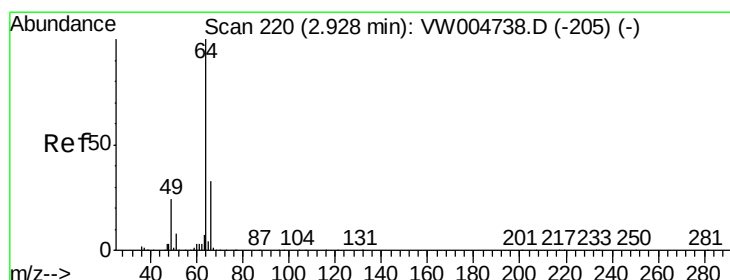
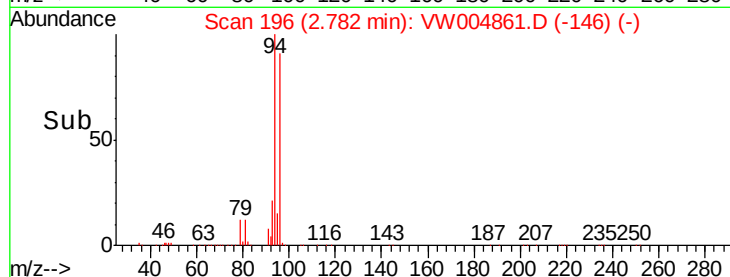
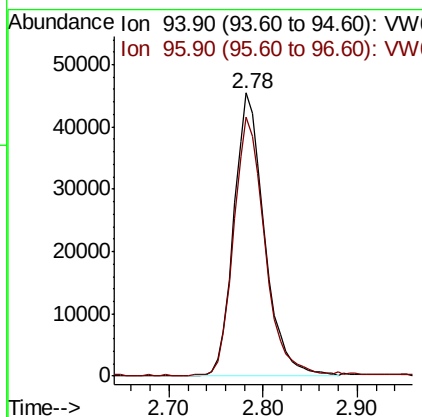
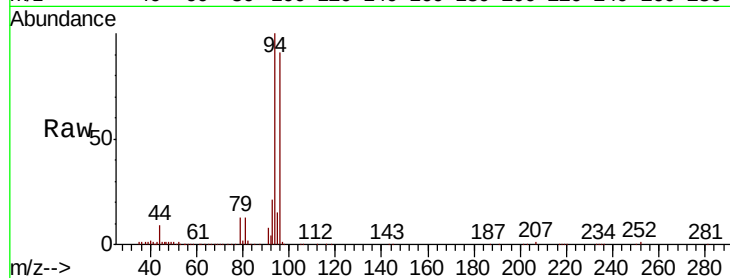
94 100

96 91.4 74.3 111.5

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#6

Chloroethane

Concen: 22.12 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004861.D

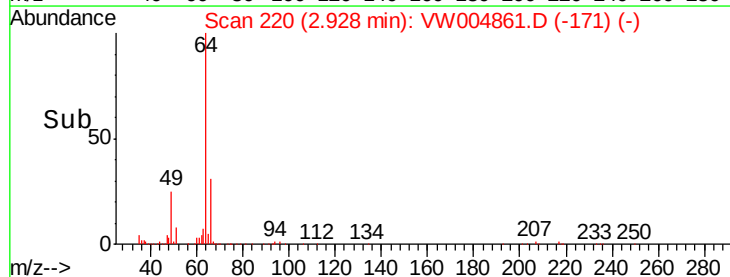
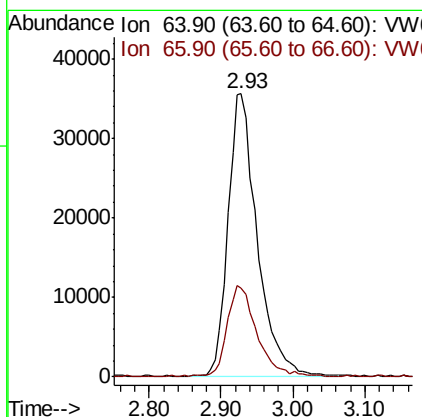
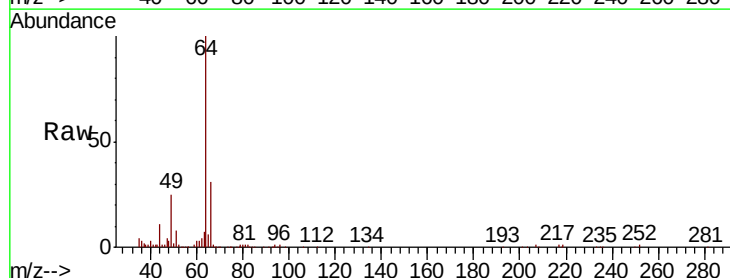
Acq: 22 Aug 2018 01:54

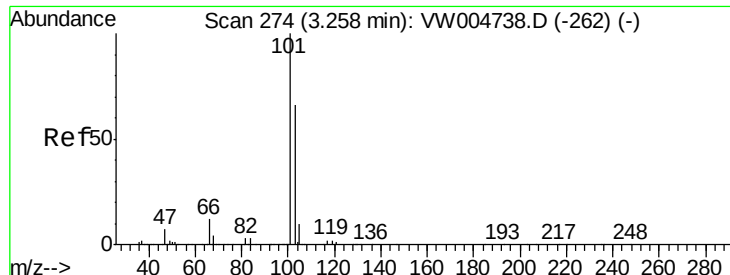
Tgt Ion: 64 Resp: 100863

Ion Ratio Lower Upper

64 100

66 31.0 26.1 39.1





#7

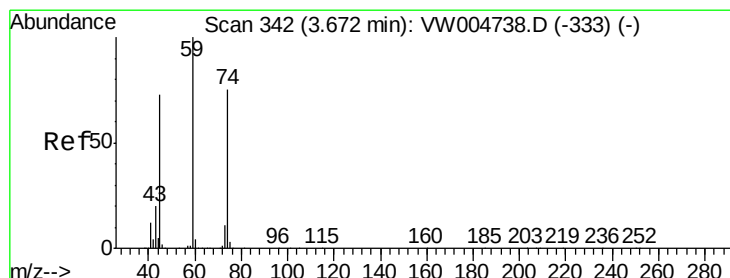
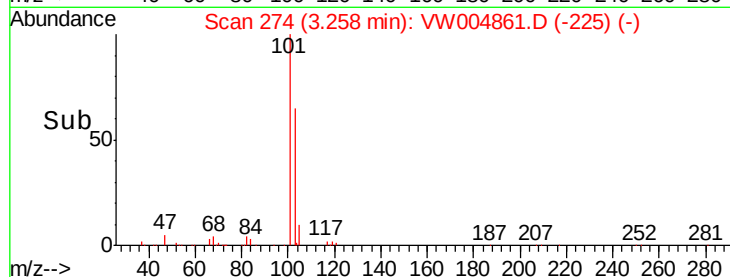
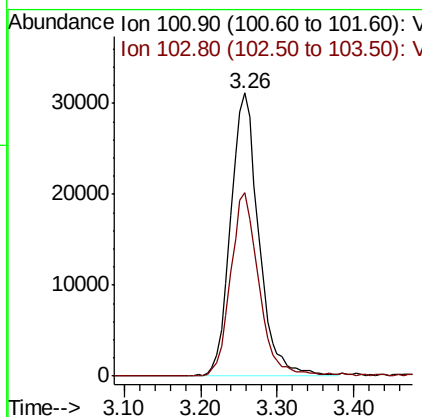
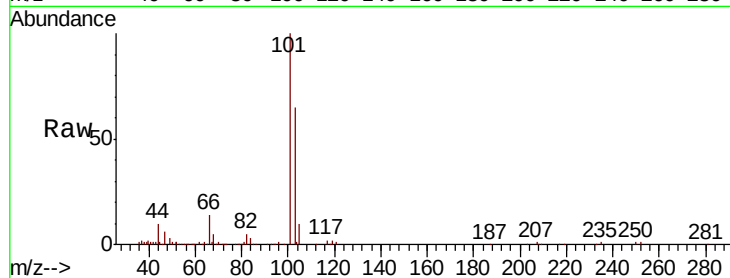
Trichlorofluoromethane
 Concen: 22.30 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.5	78.7

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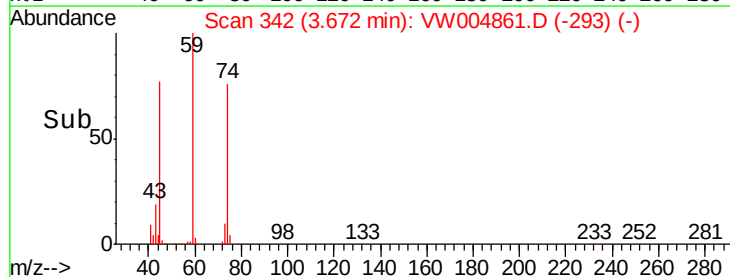
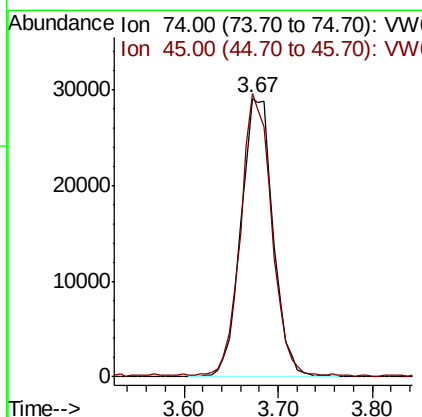
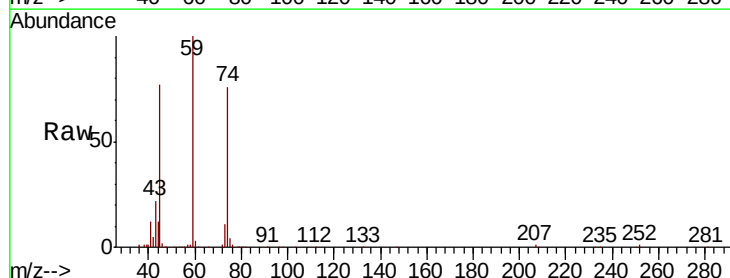
apatel
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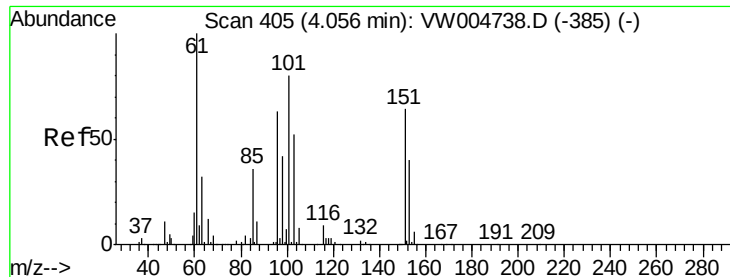


#8

Diethyl Ether
 Concen: 21.60 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.28 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004861.D

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Instrument :

MSVOA_W

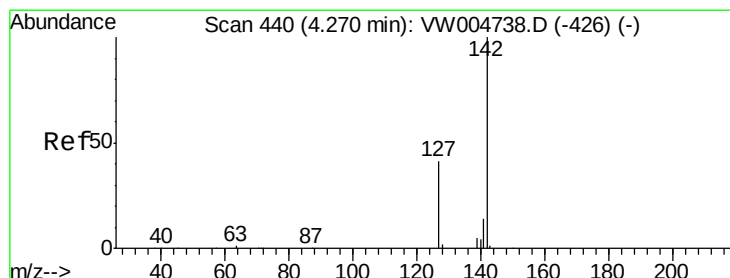
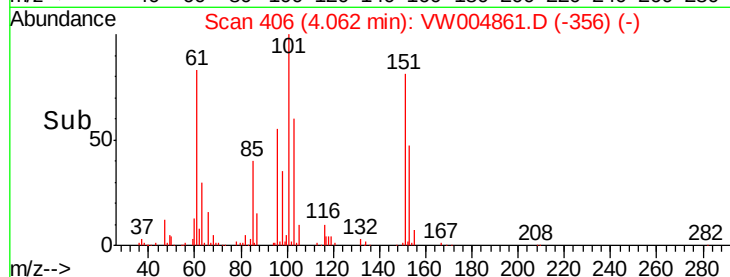
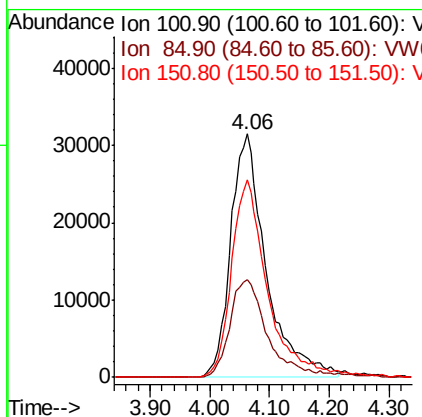
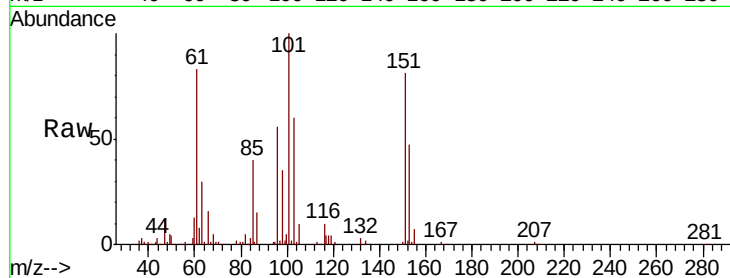
ClientSampled :

VW0821SBS02

Tot Ion:	101	Resp:	130446
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.9	50.9
151	82.2	63.4	95.2

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#10

Methyl Iodide

Concen: 22.13 ug/l

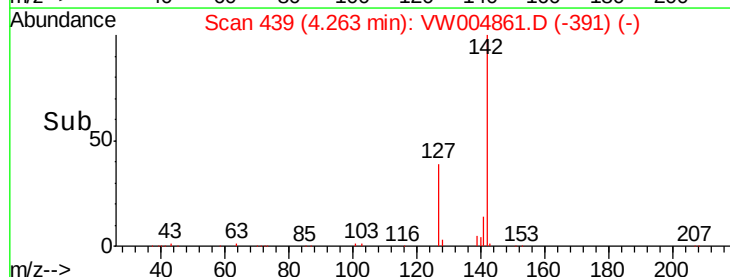
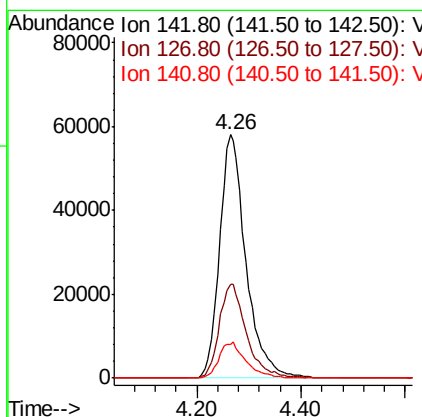
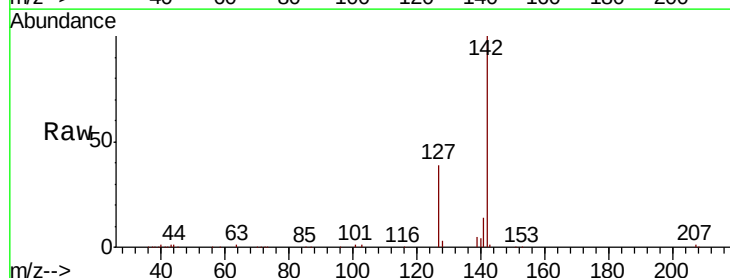
RT: 4.26 min Scan# 439

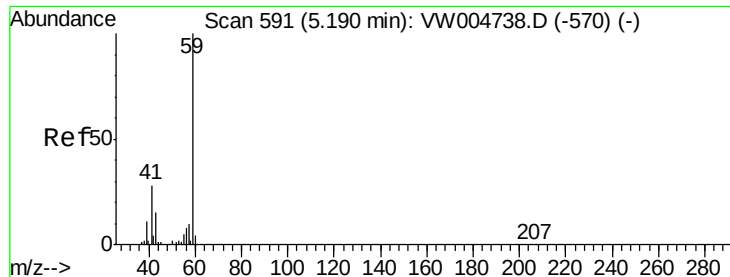
Delta R.T. -0.01 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Tgt Ion:	142	Resp:	206033
Ion Ratio	Lower	Upper	
142	100		
127	39.8	32.1	48.1
141	15.0	11.7	17.5





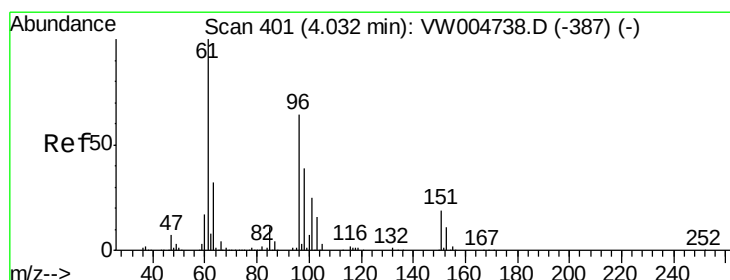
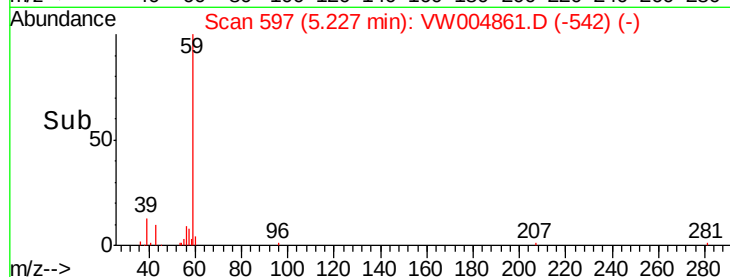
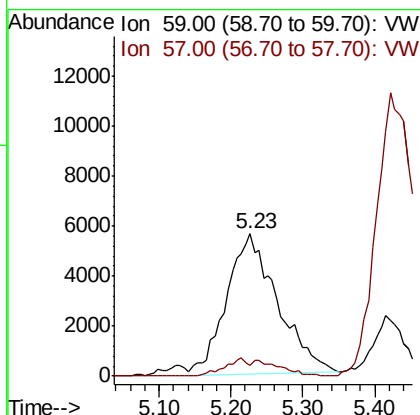
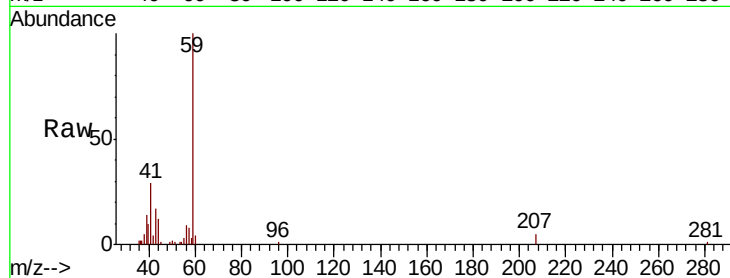
#11
Tert butyl alcohol
Concen: 85.94 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.04 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampled :
VW0821SBS02

Tot Ion: 59 Resp: 27520
Ion Ratio Lower Upper
59 100
57 6.3 8.4 12.6#

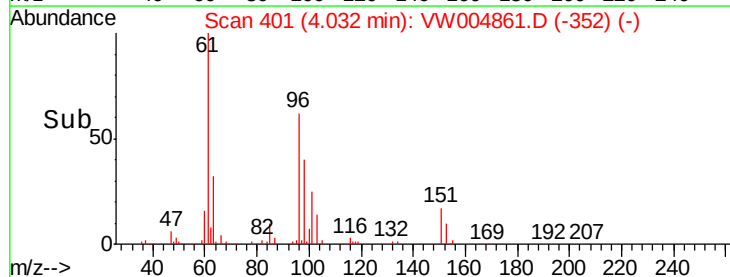
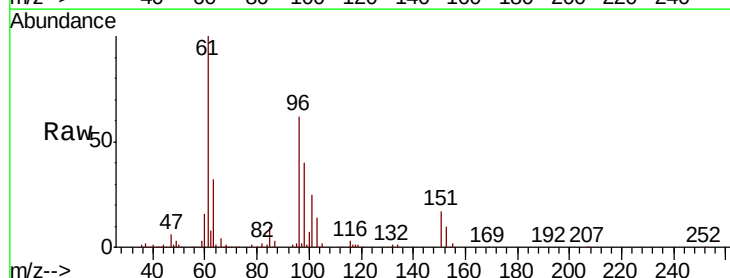
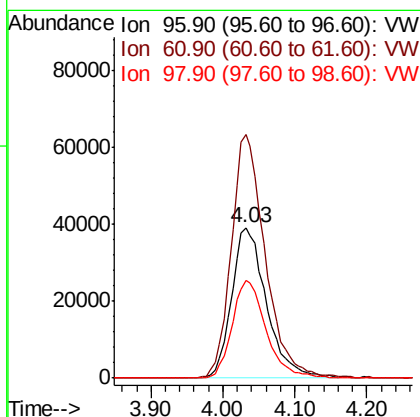
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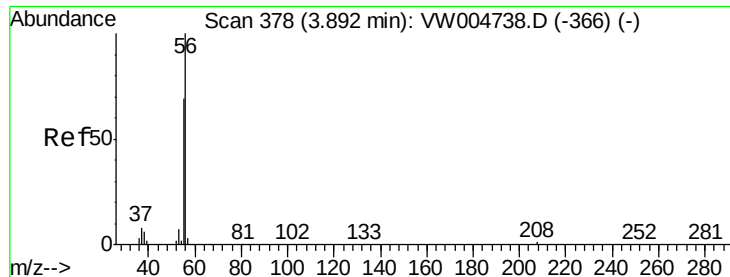
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#12
1,1-Dichloroethene
Concen: 21.39 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion: 96 Resp: 130681
Ion Ratio Lower Upper
96 100
61 161.6 125.6 188.4
98 65.0 49.4 74.0





#13

Acrolein

Concen: 91.87 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS02

Tot Ion: 56 Resp: 39478

Ion Ratio Lower Upper

56 100

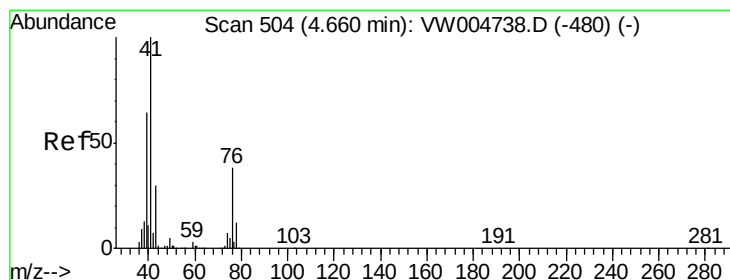
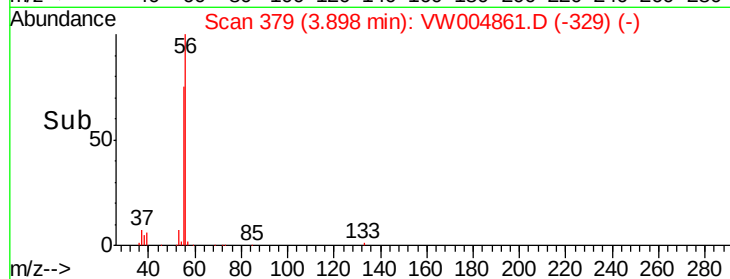
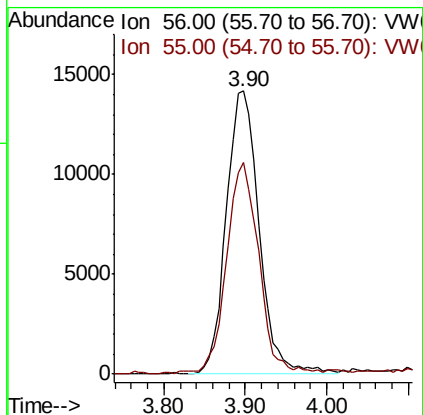
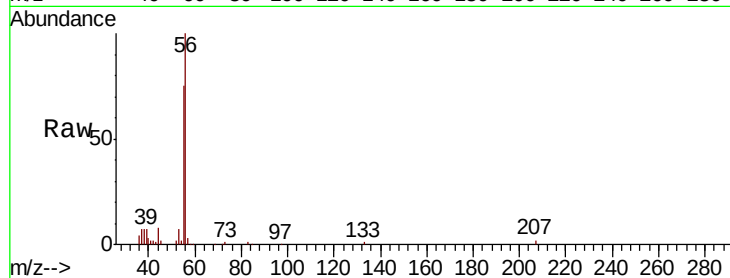
55 70.5 56.1 84.1

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#14

Allyl chloride

Concen: 21.46 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

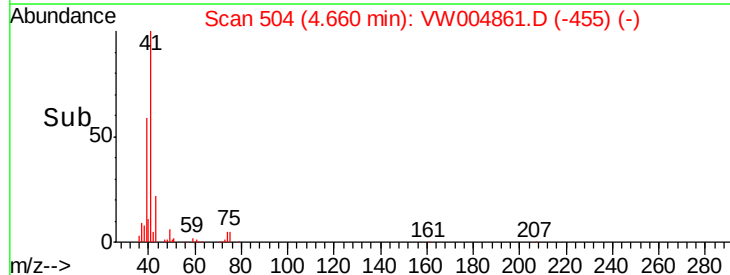
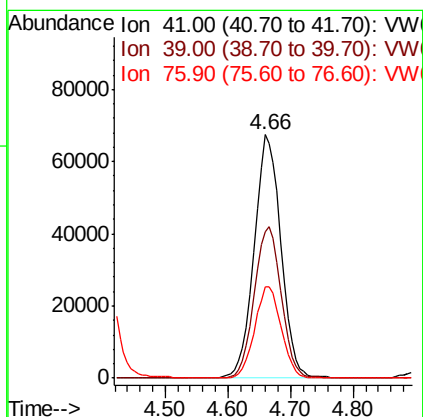
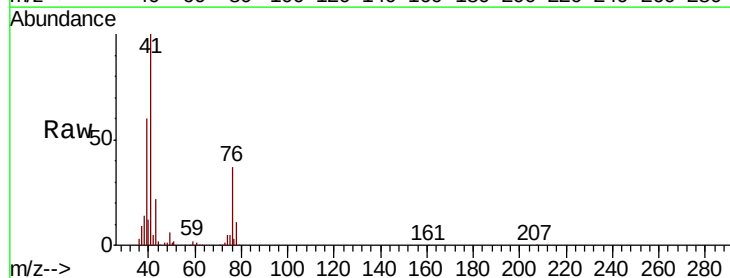
Tgt Ion: 41 Resp: 198967

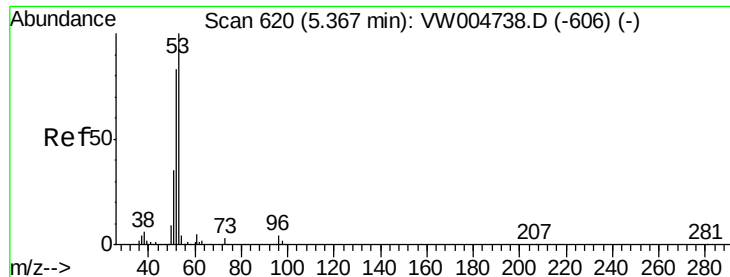
Ion Ratio Lower Upper

41 100

39 63.2 50.0 75.0

76 36.8 29.8 44.6





#15

Acrylonitrile

Concen: 101.47 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

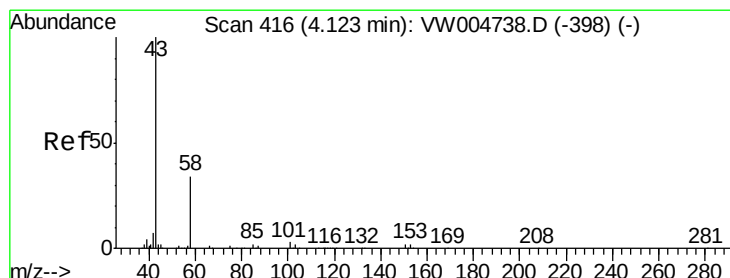
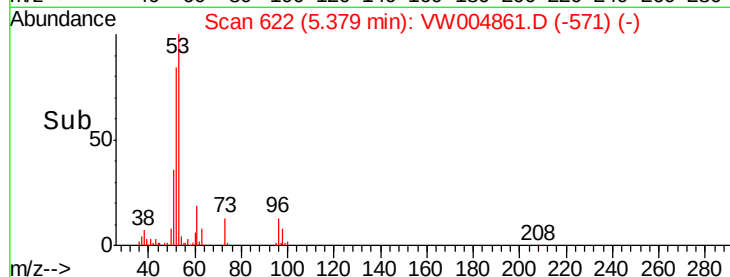
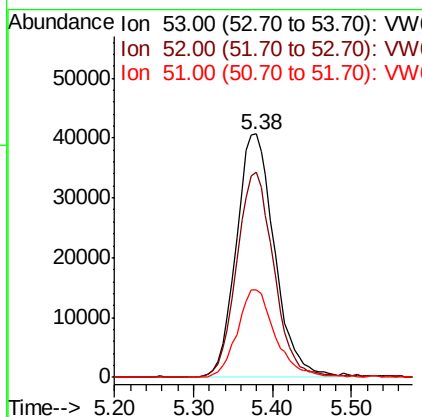
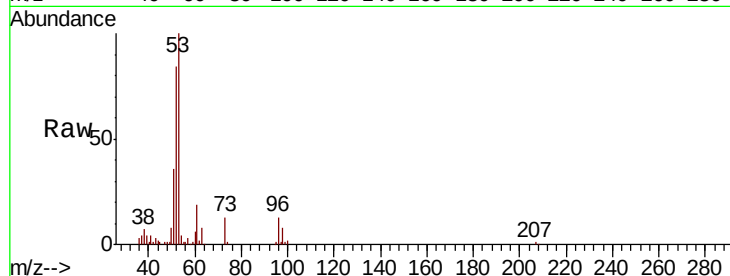
ClientSampleId :

VW0821SBS02

Tot Ion:	53	Resp:	136978
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.8	98.6
51	36.1	28.7	43.1

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#16

Acetone

Concen: 89.25 ug/l

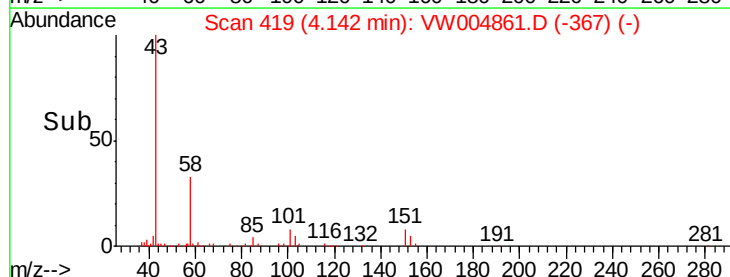
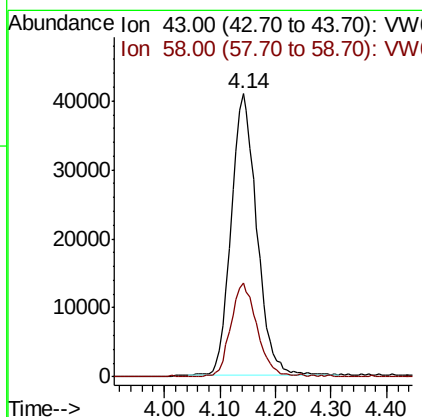
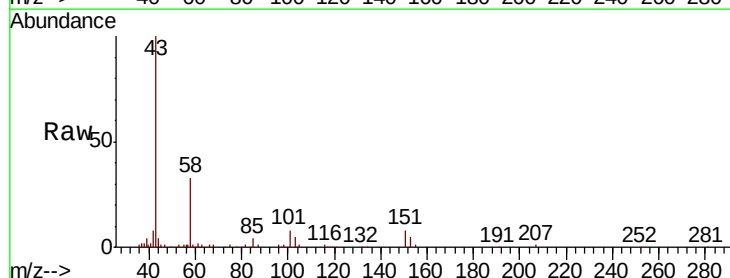
RT: 4.14 min Scan# 419

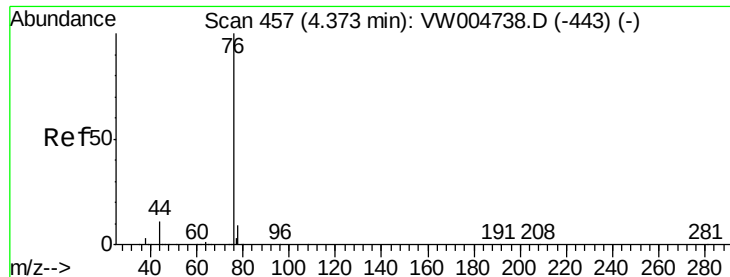
Delta R.T. 0.02 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Tgt Ion:	43	Resp:	130590
Ion	Ratio	Lower	Upper
43	100		
58	33.1	27.3	40.9





#17

Carbon Disulfide

Concen: 21.32 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS02

Tot Ion: 76 Resp: 428125

Ion Ratio Lower Upper

76 100

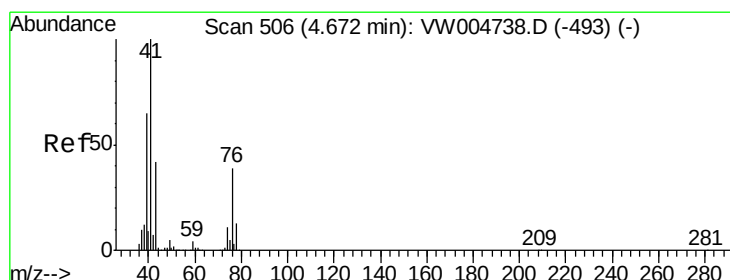
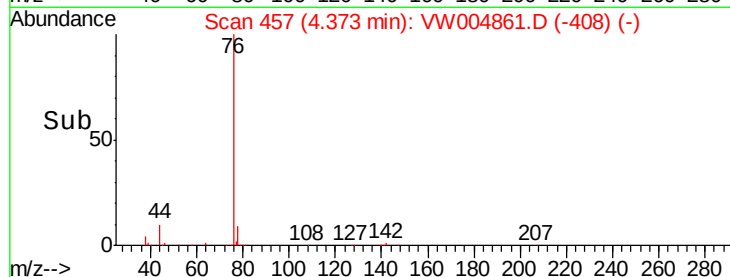
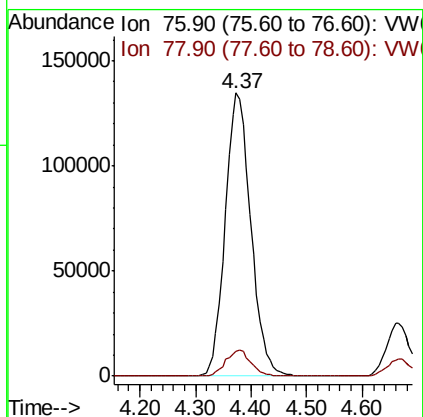
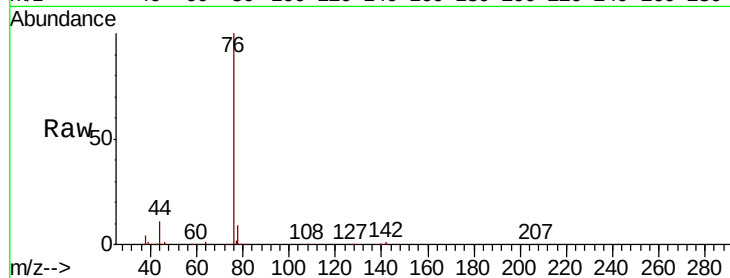
78 9.0 7.4 11.2

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#18

Methyl Acetate

Concen: 21.31 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW004861.D

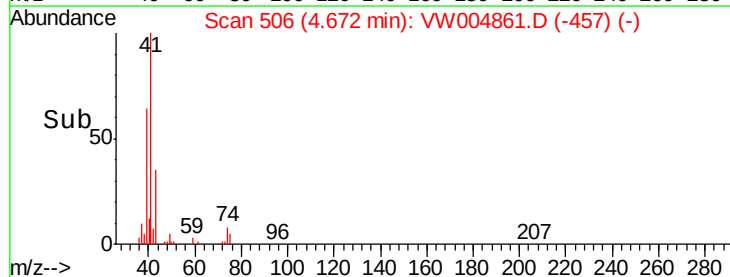
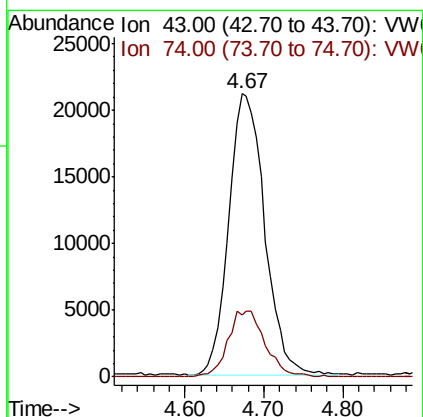
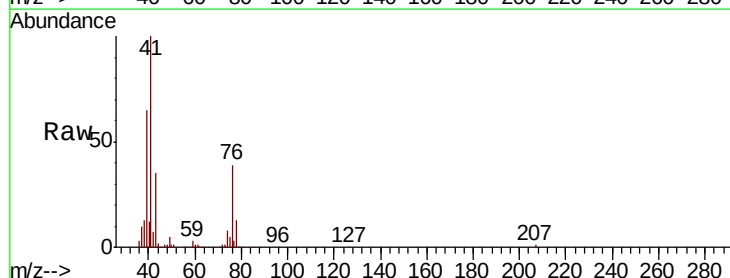
Acq: 22 Aug 2018 01:54

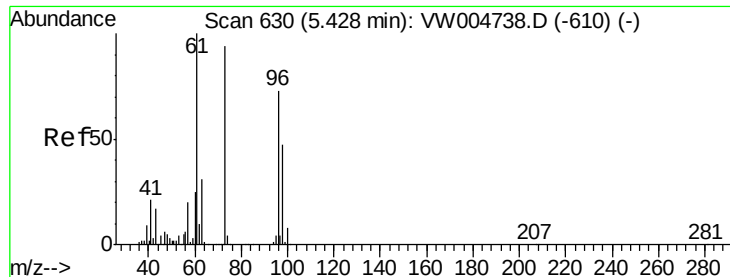
Tgt Ion: 43 Resp: 66825

Ion Ratio Lower Upper

43 100

74 24.3 19.8 29.8





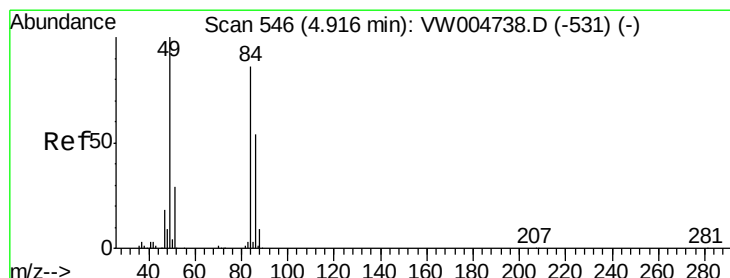
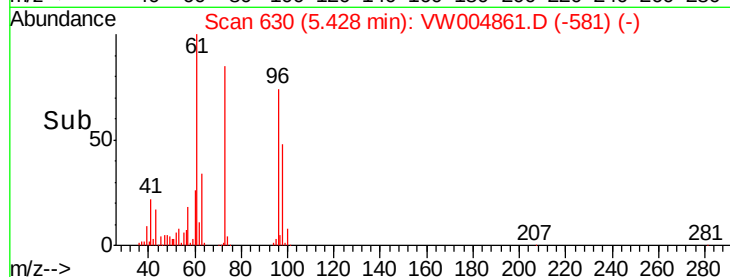
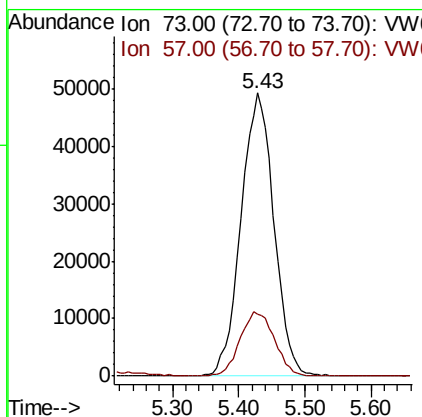
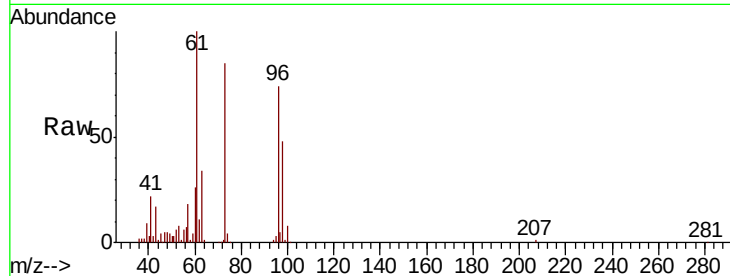
#19
Methyl tert-butyl Ether
Concen: 21.46 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.3	25.9

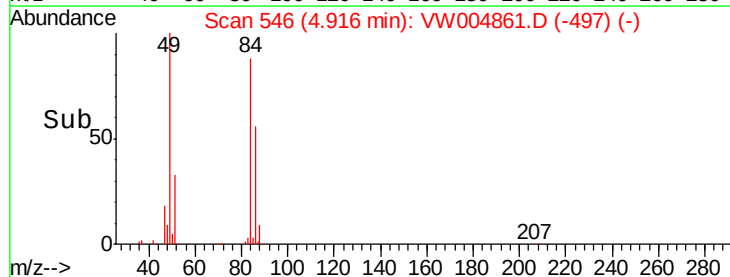
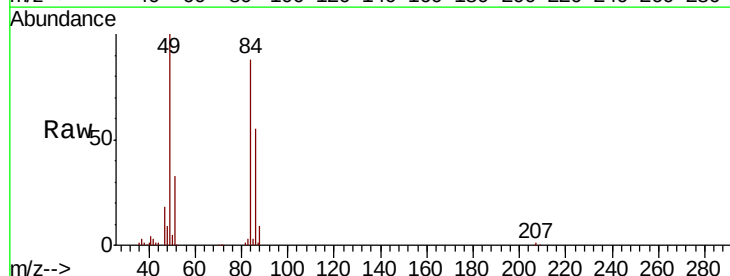
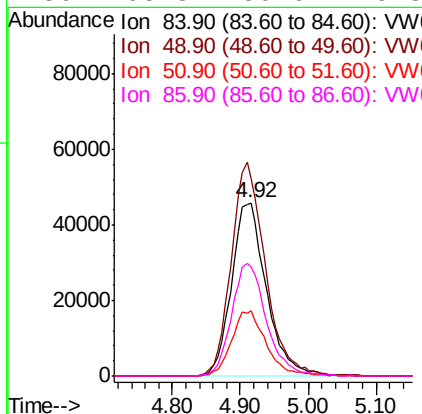
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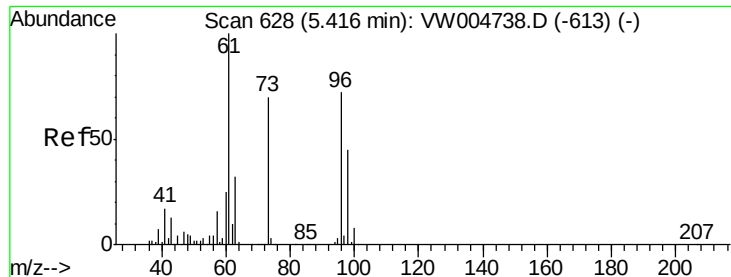
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#20
Methylene Chloride
Concen: 21.93 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.0	93.2	139.8
51	38.1	27.4	41.0
86	63.3	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 21.73 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

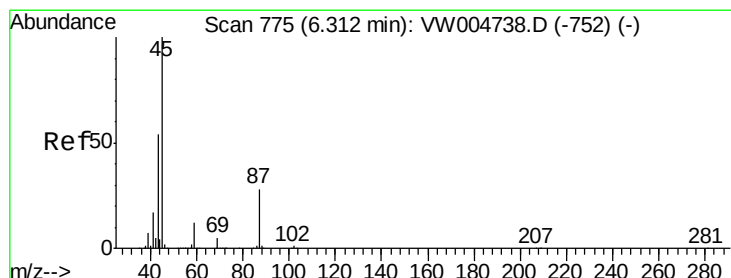
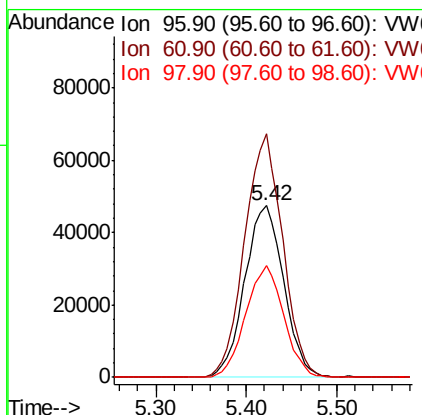
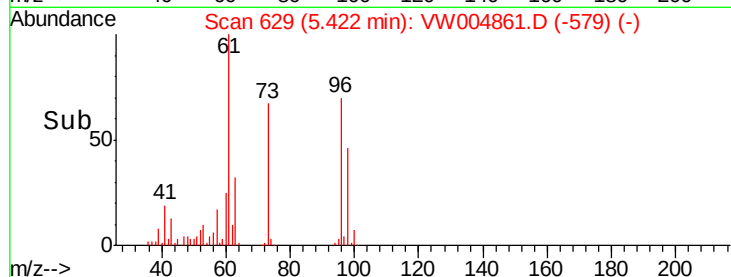
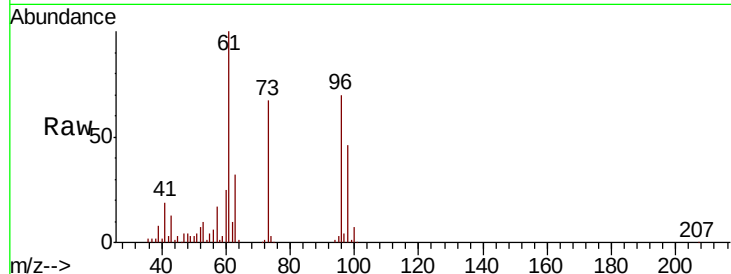
ClientSampleId :

VW0821SBS02

Tot Ion:	96	Resp:	141252
Ion	Ratio	Lower	Upper
96	100		
61	141.9	111.4	167.0
98	65.5	49.7	74.5

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#22

Diisopropyl ether

Concen: 22.86 ug/l

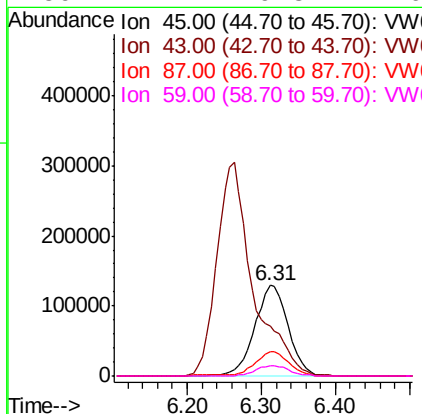
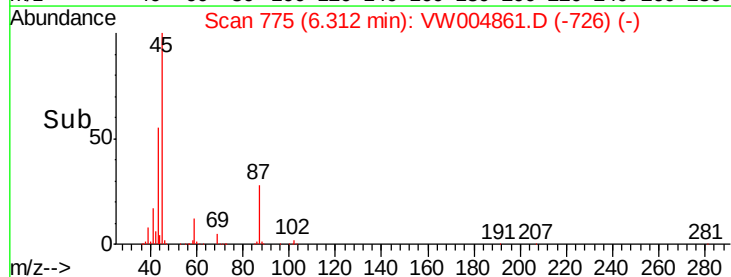
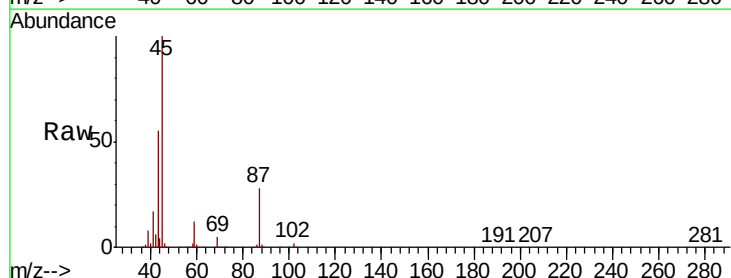
RT: 6.31 min Scan# 775

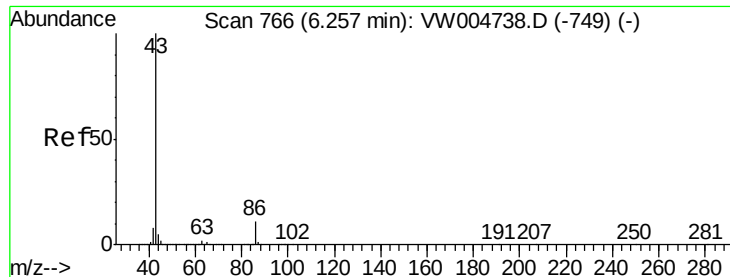
Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Tgt Ion:	45	Resp:	407305
Ion	Ratio	Lower	Upper
45	100		
43	54.0	43.0	64.6
87	27.6	22.2	33.4
59	11.7	9.8	14.6





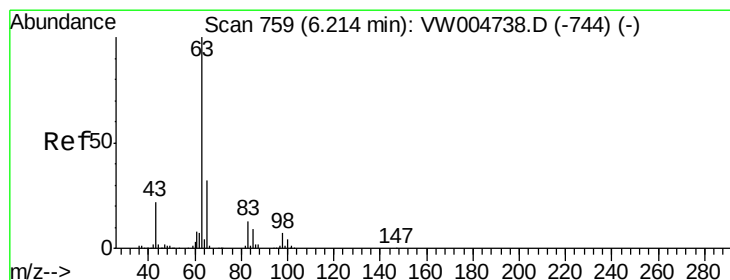
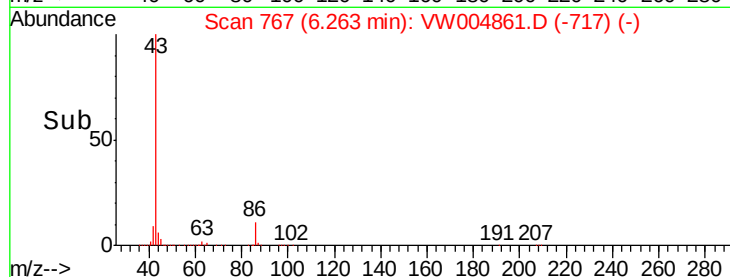
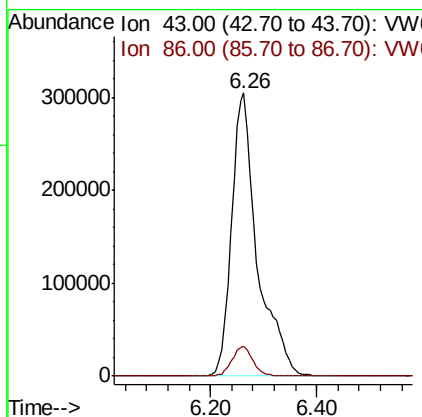
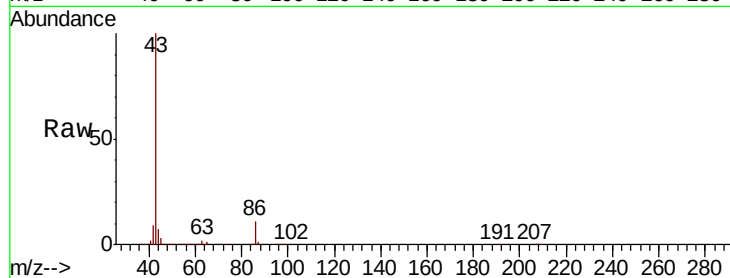
#23
 Vinyl Acetate
 Concen: 102.08 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.5	12.7

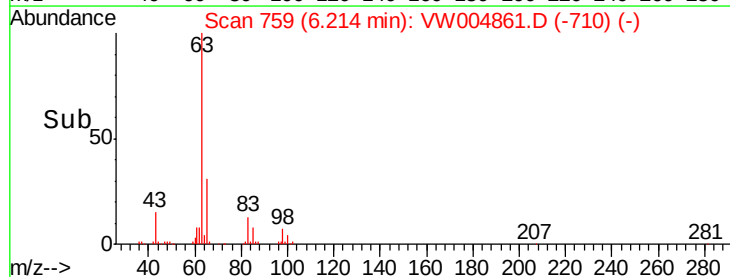
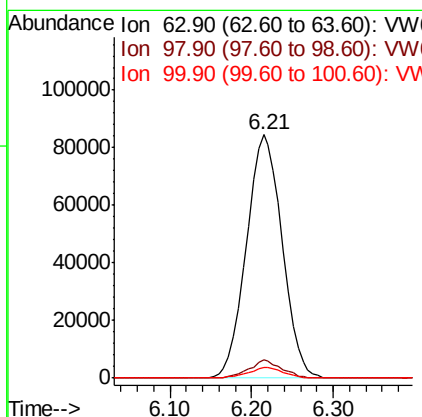
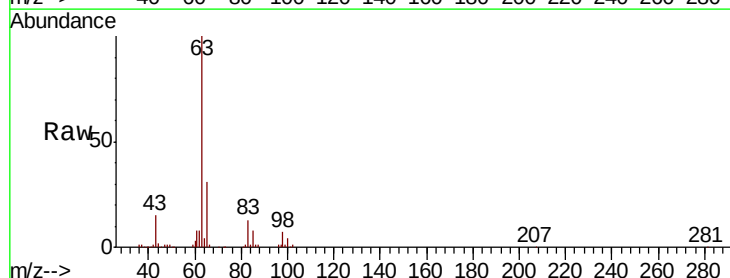
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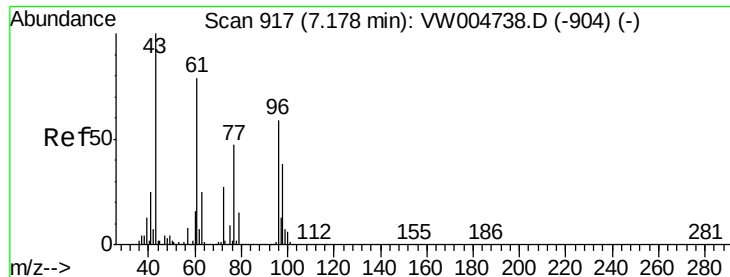
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#24
 1,1-Dichloroethane
 Concen: 22.25 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.5	10.4
100	4.5	2.1	6.3





#25

2-Butanone

Concen: 92.74 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampled :

VW0821SBS02

Tot Ion: 43 Resp: 193331

Ion Ratio Lower Upper

43 100

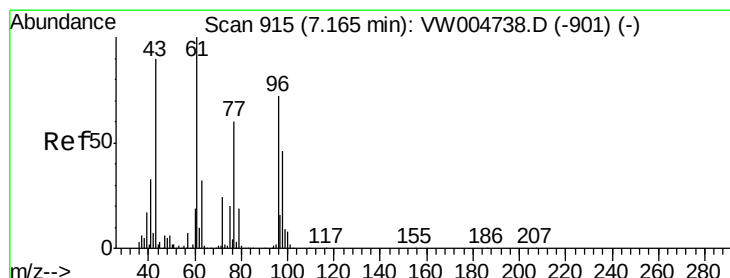
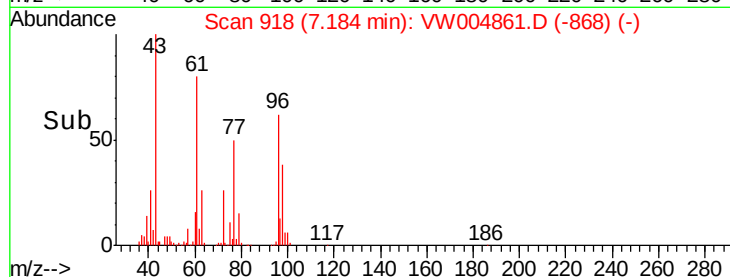
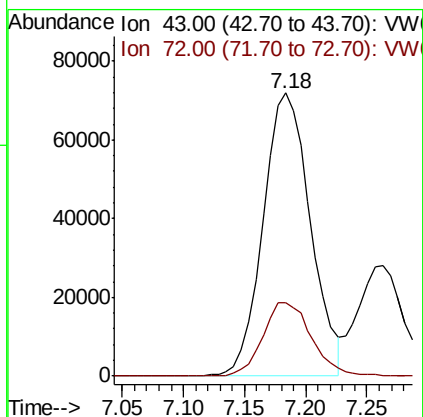
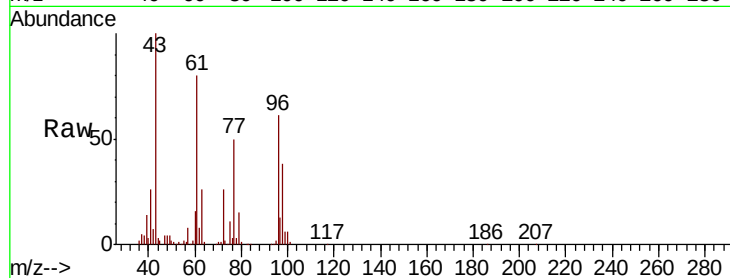
72 26.1 22.0 33.0

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#26

2,2-Dichloropropane

Concen: 20.27 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004861.D

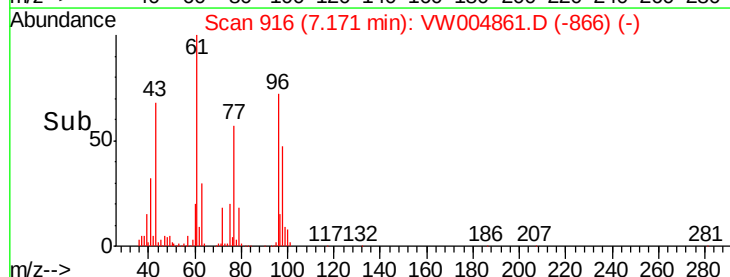
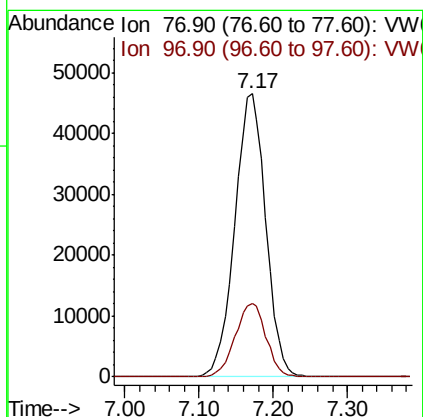
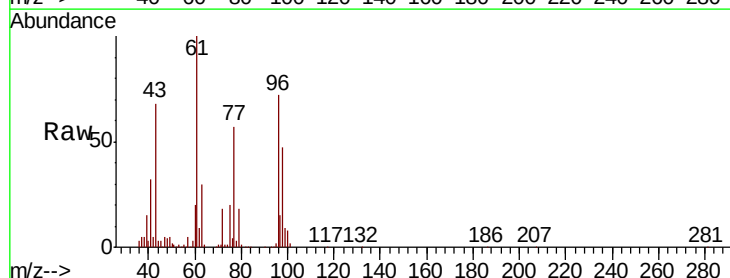
Acq: 22 Aug 2018 01:54

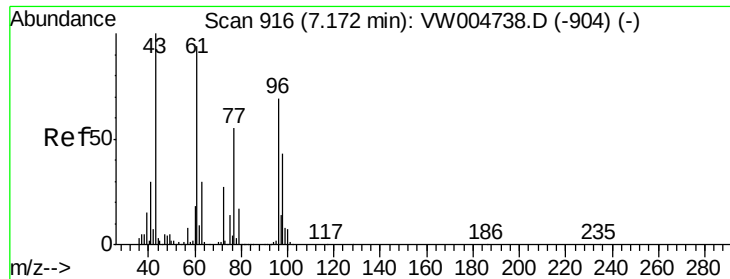
Tgt Ion: 77 Resp: 135564

Ion Ratio Lower Upper

77 100

97 25.9 12.6 37.8





#27

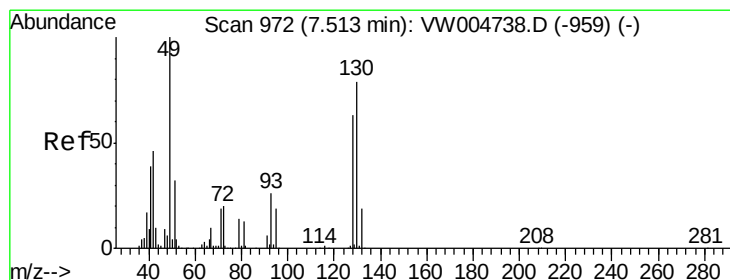
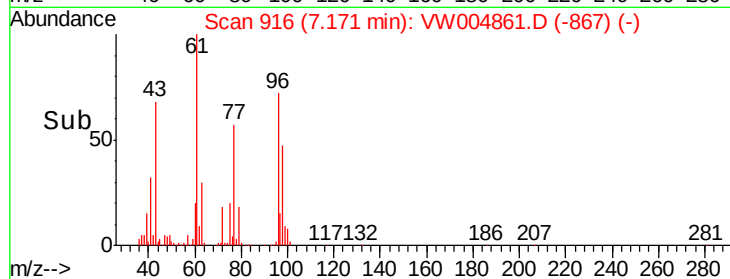
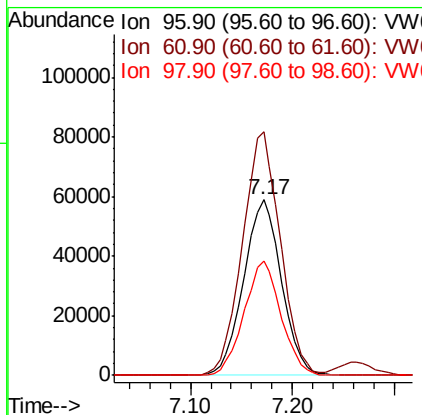
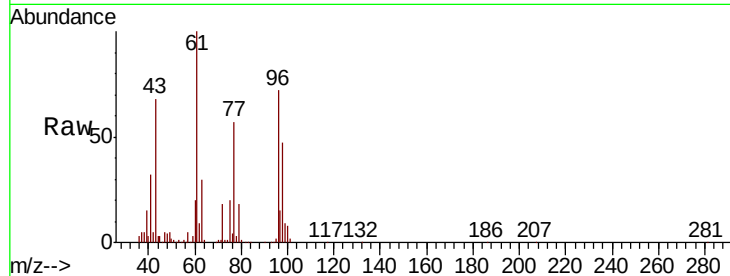
cis-1,2-Dichloroethene
 Concen: 21.70 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	277.6
98	63.8	0.0	127.4

Manual Integrations
 APPROVED

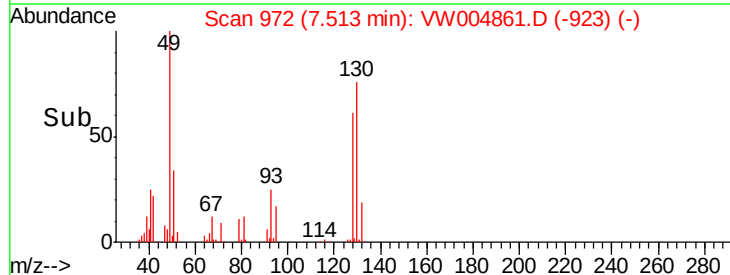
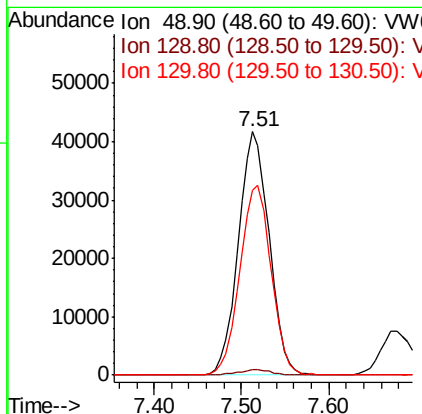
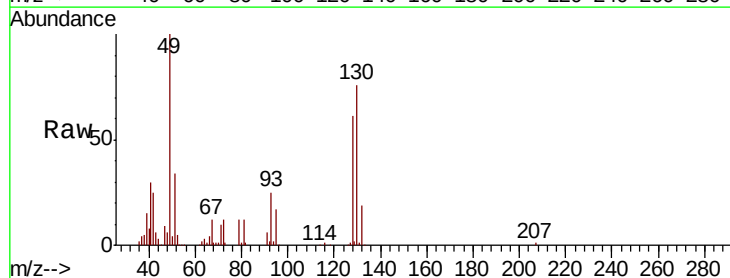
apatel
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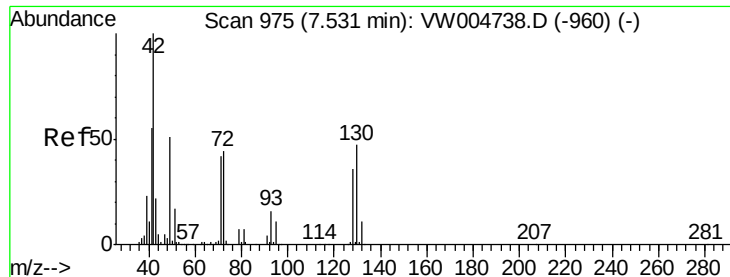


#28

Bromochloromethane
 Concen: 20.91 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	79.2	63.7	95.5





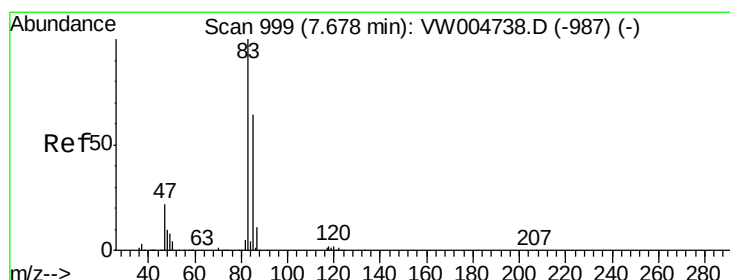
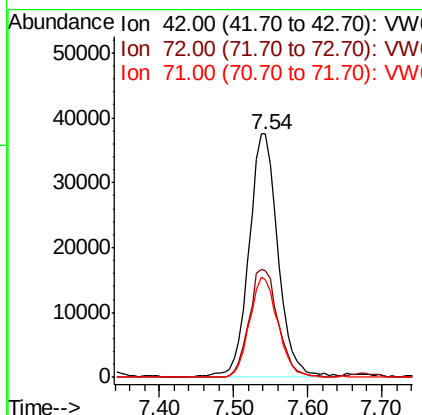
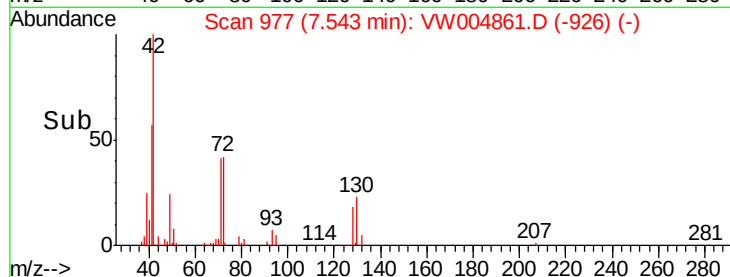
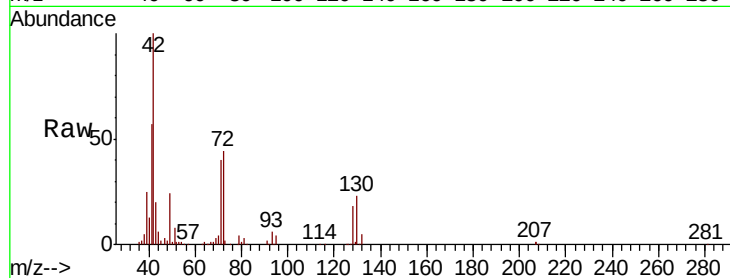
#29
Tetrahydrofuran
Concen: 96.09 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.9	52.3
71	40.5	33.8	50.6

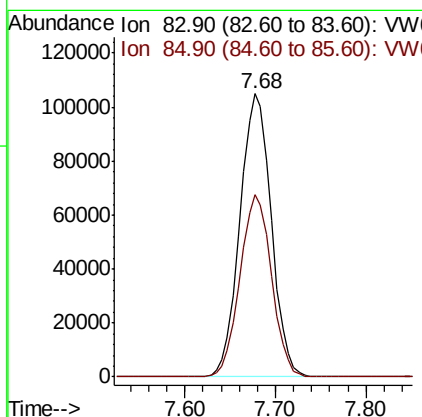
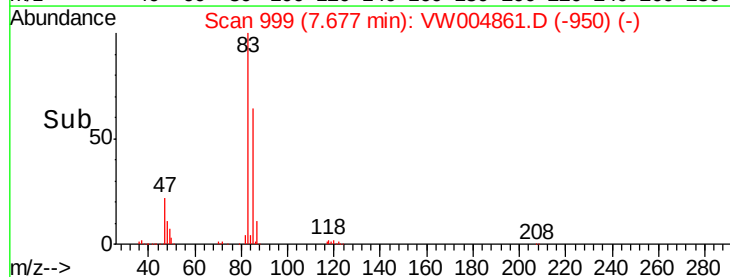
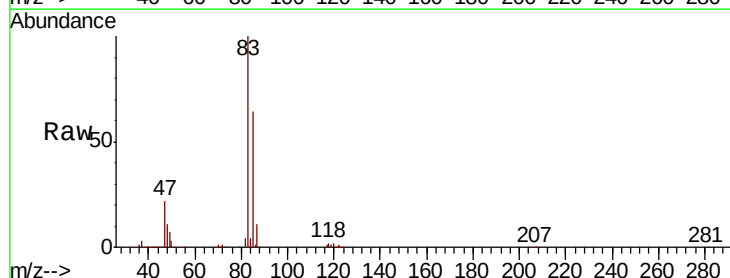
Manual Integrations
APPROVED

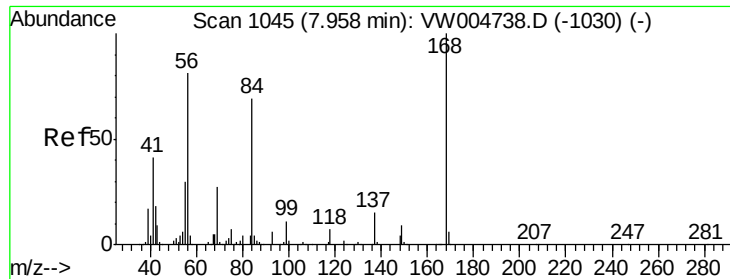
apatel
8/22/2018 11:25:34 AM



#30
Chloroform
Concen: 22.05 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.6





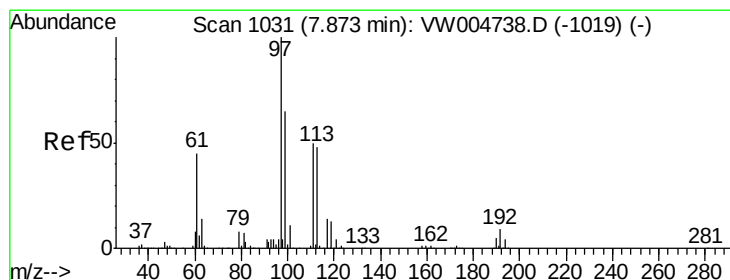
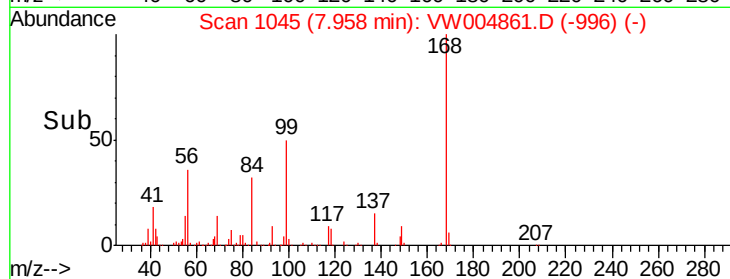
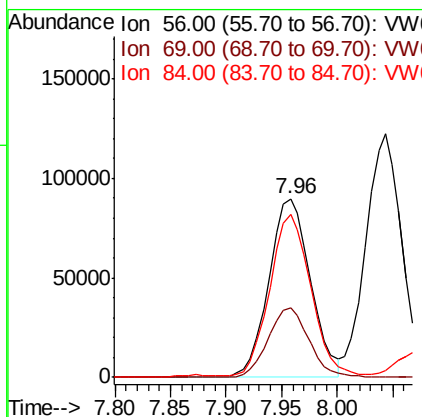
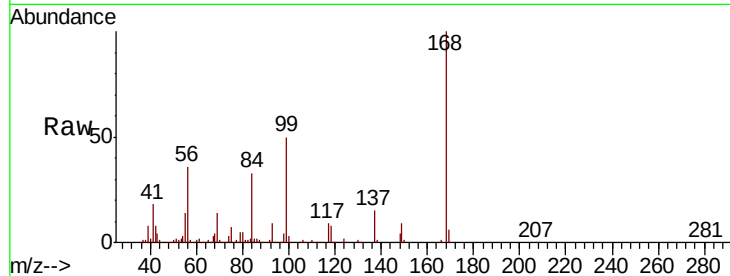
#31
Cyclohexane
Concen: 20.84 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	38.7	27.1	40.7	
84	90.4	68.3	102.5	

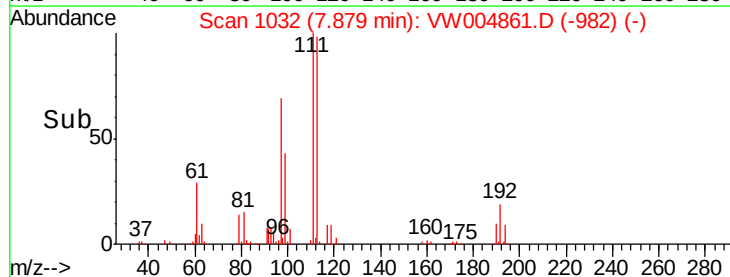
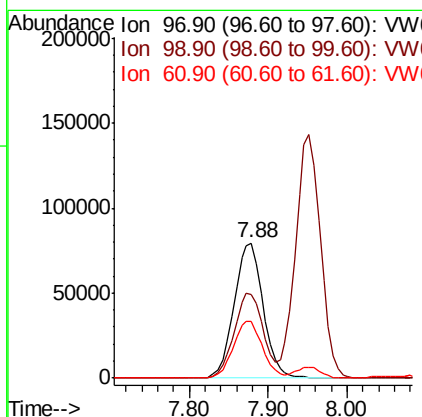
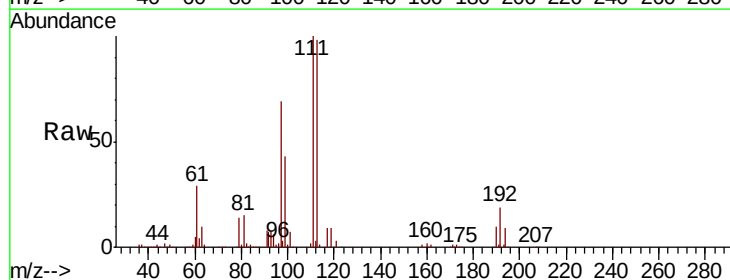
Manual Integrations
APPROVED

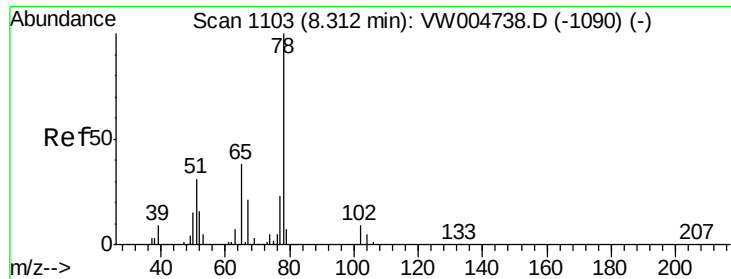
apatel
8/22/2018 11:25:34 AM



#32
1,1,1-Trichloroethane
Concen: 22.47 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.0	51.7	77.5	
61	42.4	34.4	51.6	





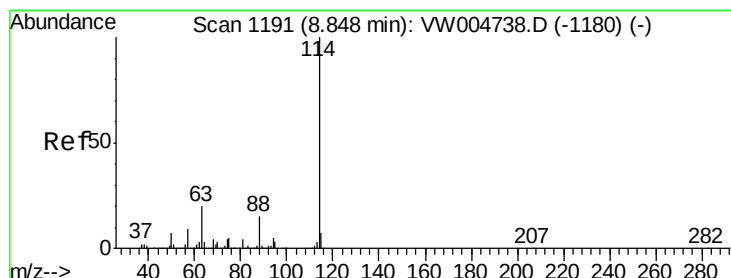
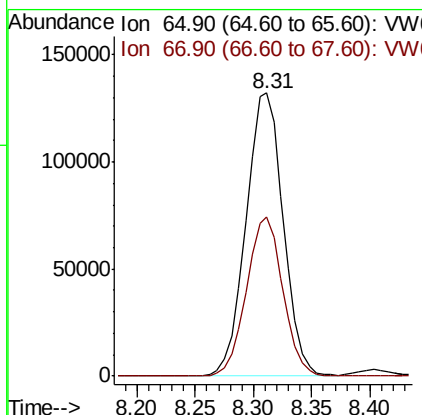
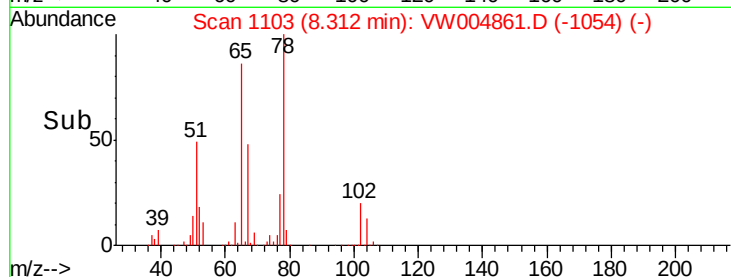
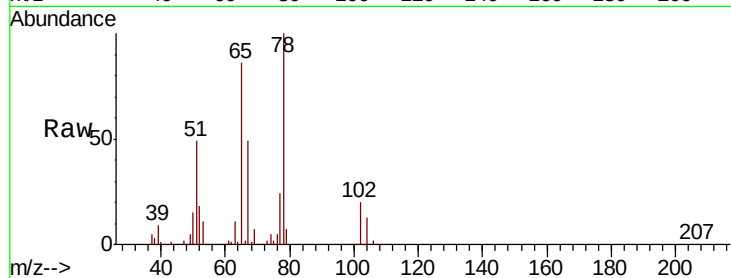
#33
 1,2-Dichloroethane-d4
 Concen: 51.41 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	294672		
67	54.9	0.0	109.4	

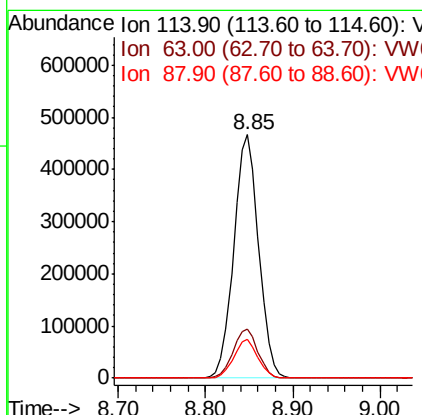
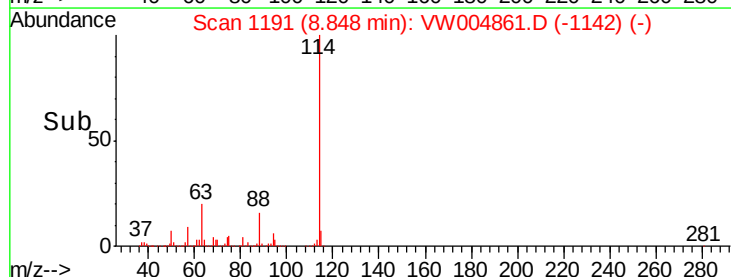
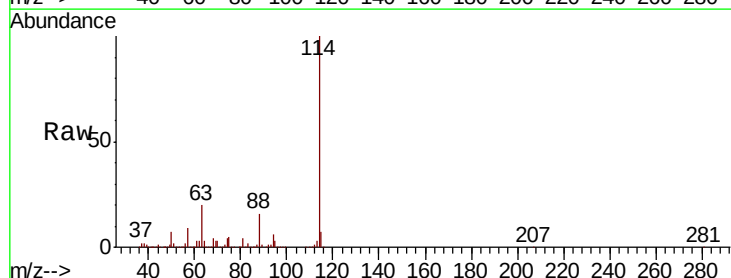
Manual Integrations
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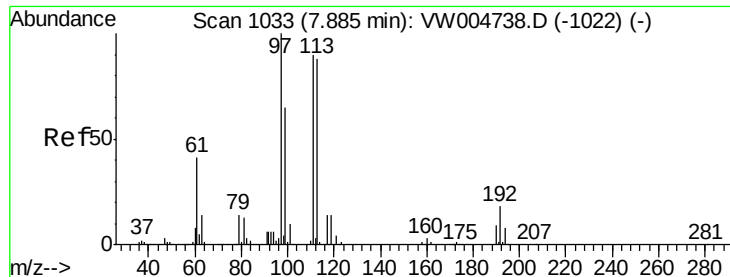
apatel
 8/22/2018 11:25:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	918919		
63	20.1	0.0	39.0	
88	15.9	0.0	30.0	





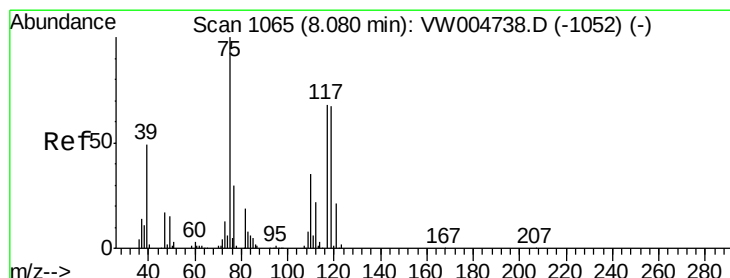
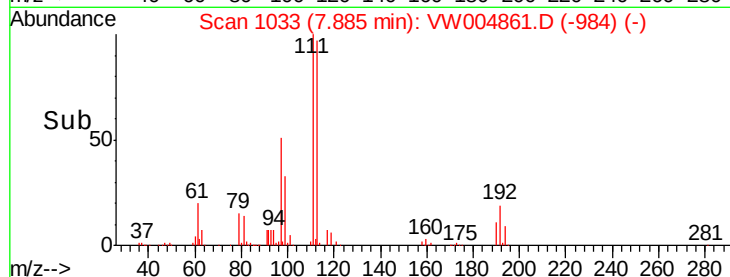
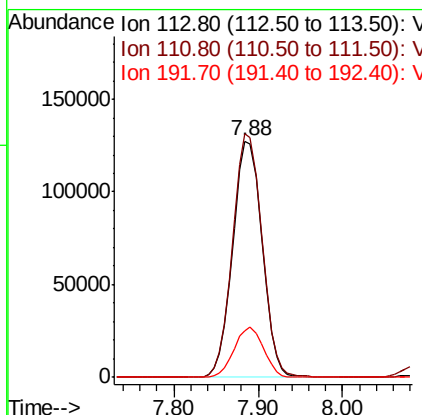
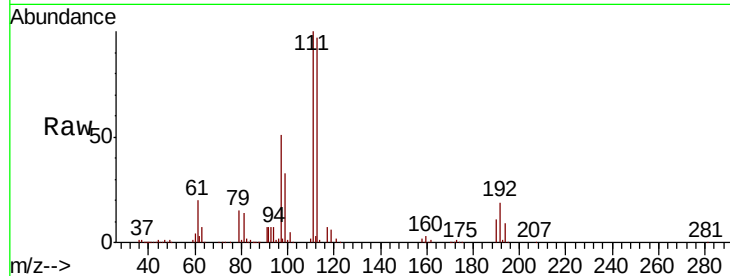
#35
 Dibromofluoromethane
 Concen: 51.29 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	21.0	16.7	25.1

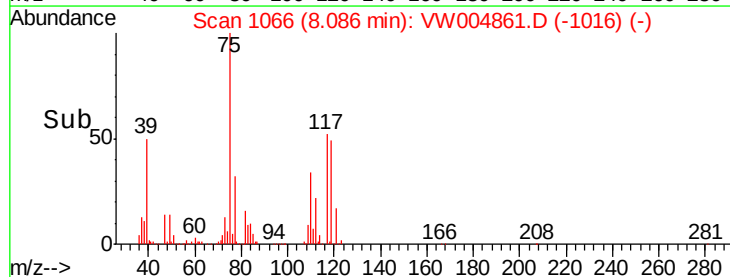
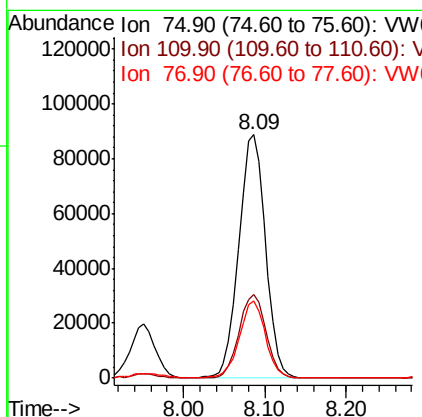
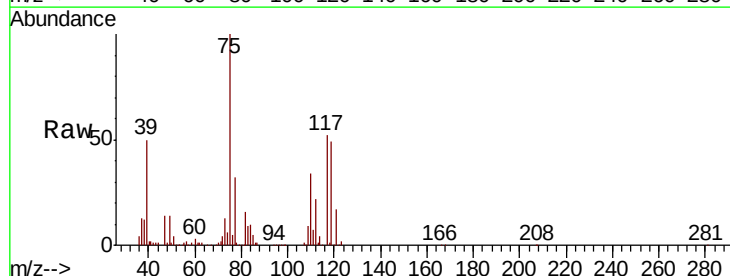
Manual Integrations
 APPROVED

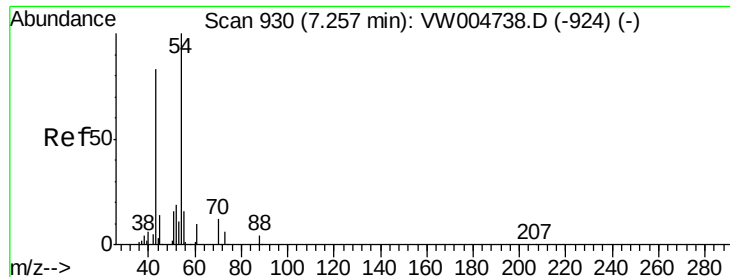
apatel
 8/22/2018 11:25:34 AM



#36
 1,1-Dichloropropene
 Concen: 21.26 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.8	53.5
77	31.0	24.9	37.3





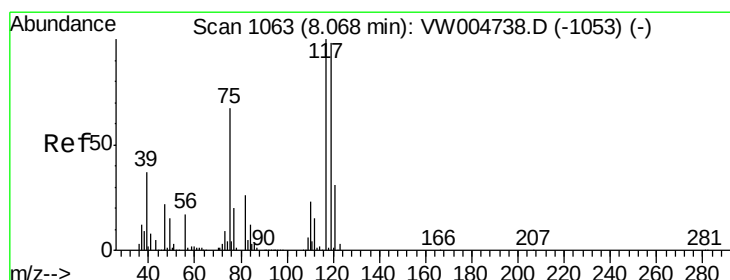
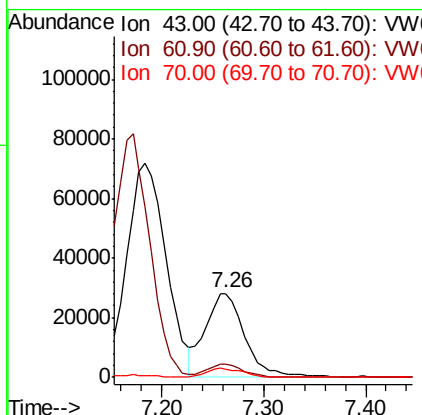
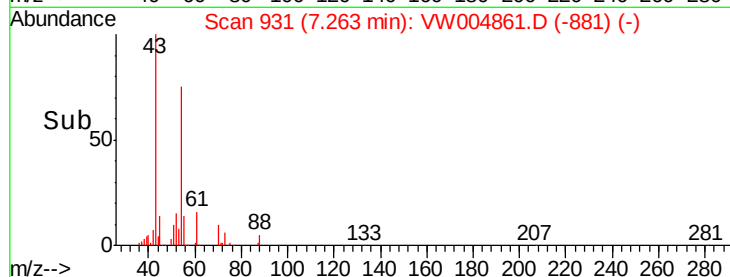
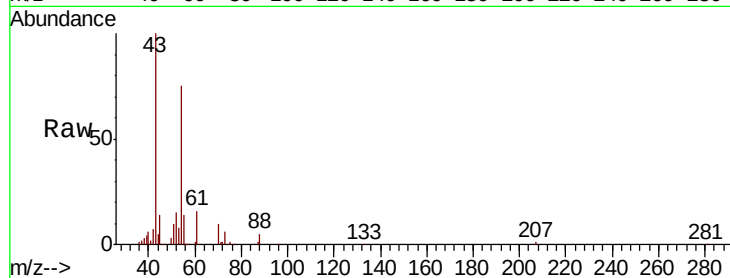
#37
Ethyl Acetate
Concen: 19.84 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampled :
VW0821SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.6	17.4
70	10.3	9.2	13.8

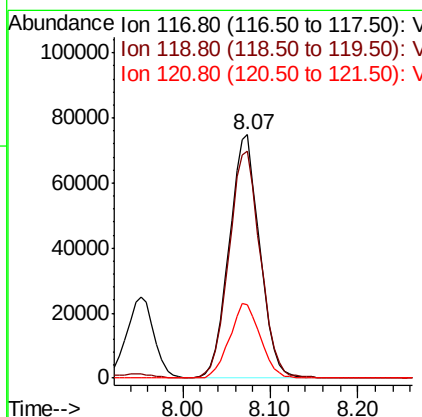
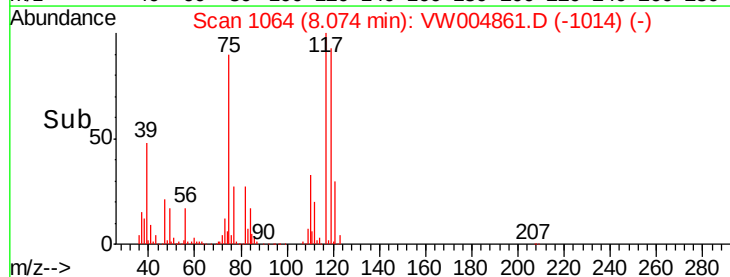
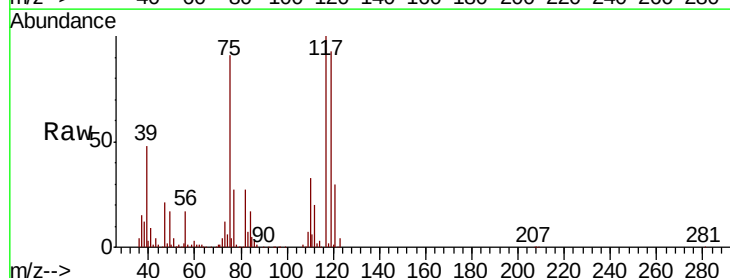
Manual Integrations
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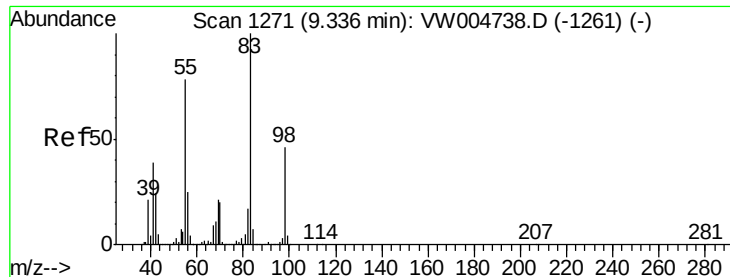
apatel
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#38
Carbon Tetrachloride
Concen: 20.80 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.0	117.0
121	29.9	24.8	37.2





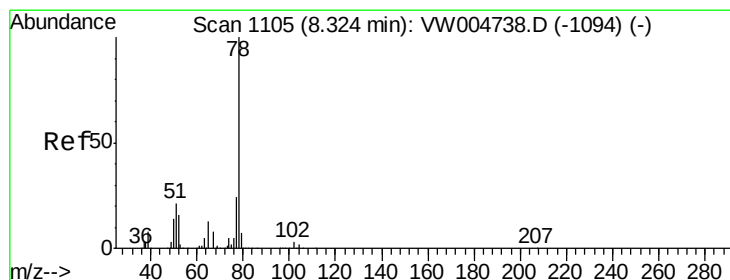
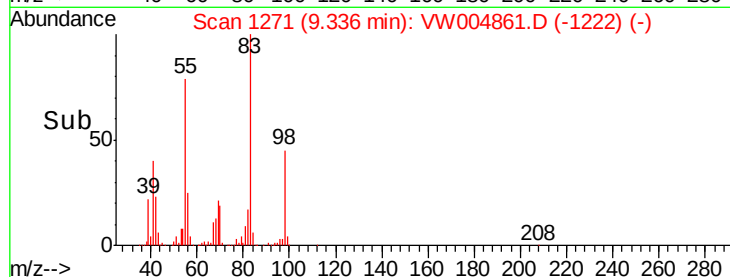
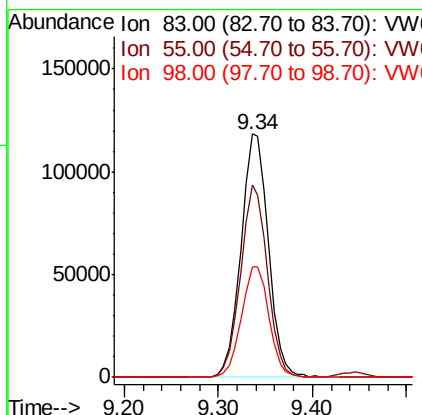
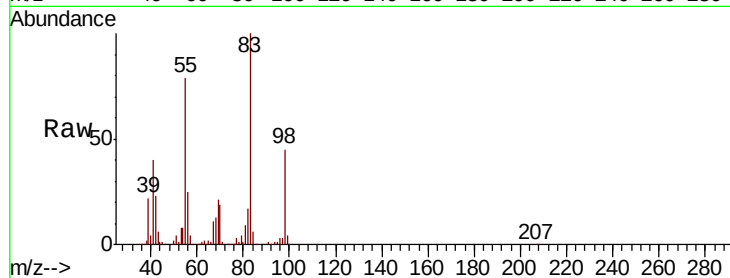
#39
Methylvlcyclohexane
Concen: 20.37 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	62.4	93.6
98	45.4	36.5	54.7

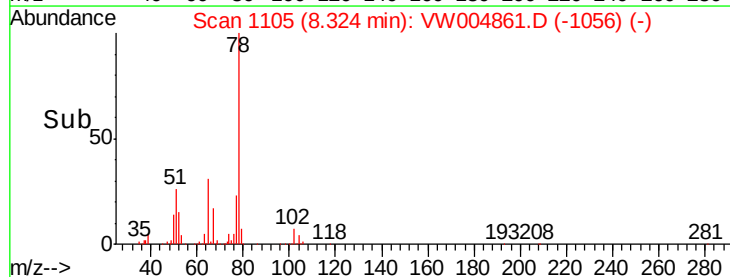
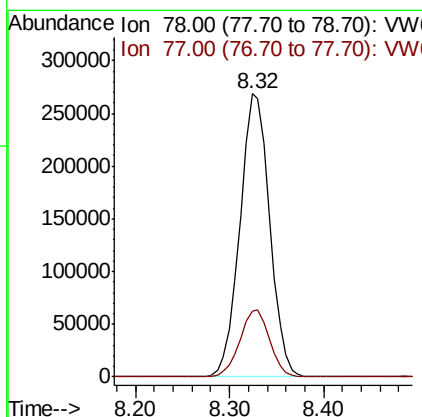
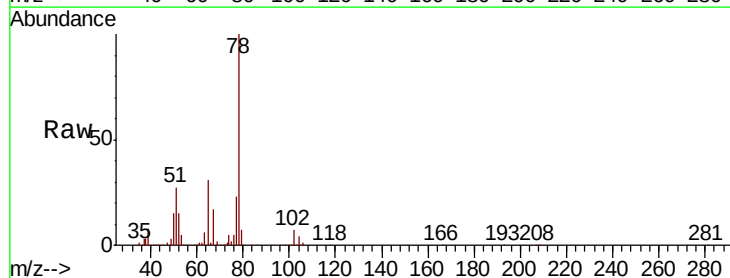
Manual Integrations
APPROVED

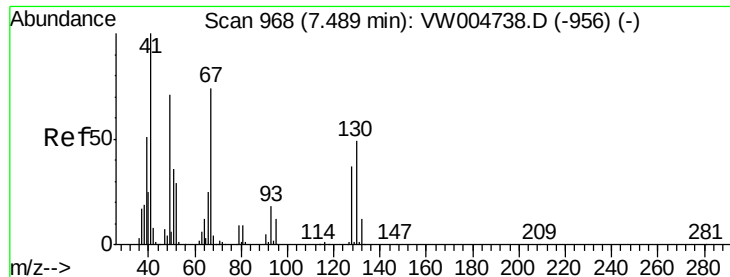
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#40
Benzene
Concen: 21.58 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





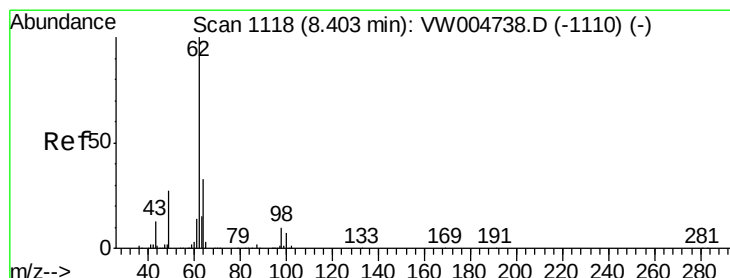
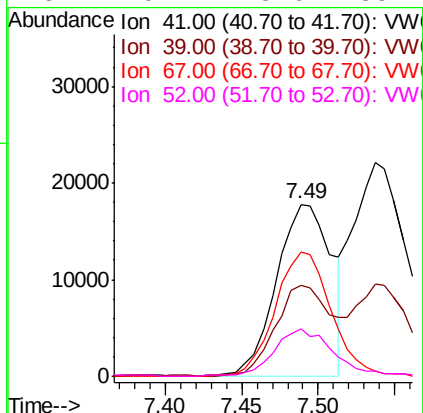
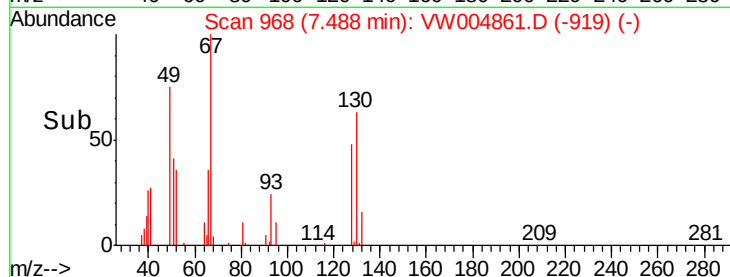
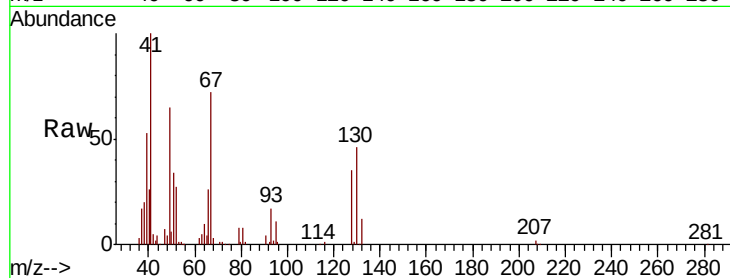
#41
Methacrylonitrile
Concen: 20.80 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS02

Tot Ion	41	Resp	44536
Ion	Ratio	Lower	Upper
41	100		
39	52.4	41.0	61.4
67	73.3	59.5	89.3
52	29.4	23.6	35.4

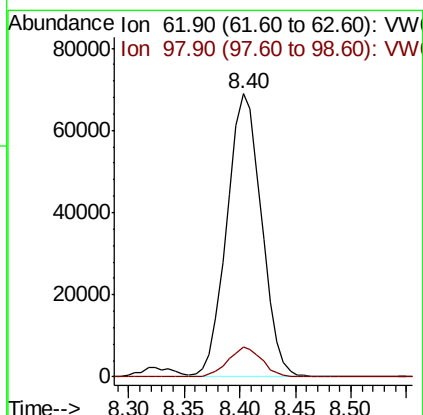
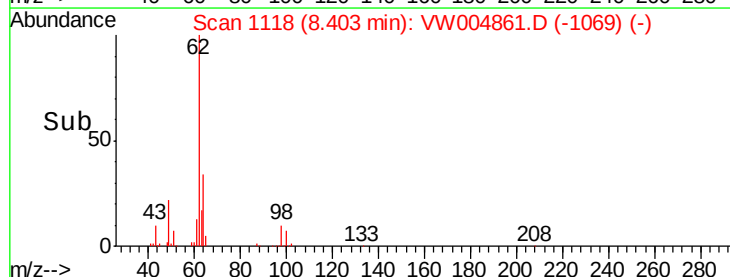
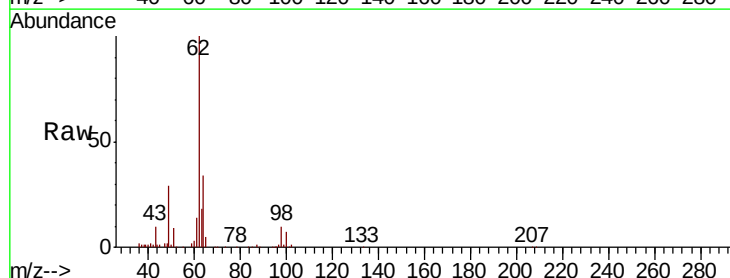
Manual Integrations
APPROVED

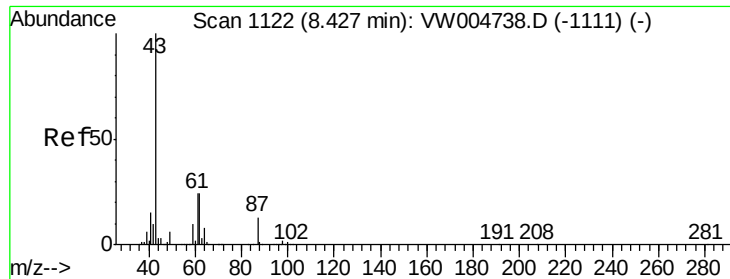
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#42
1,2-Dichloroethane
Concen: 21.11 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	62	Resp	148895
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.66 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

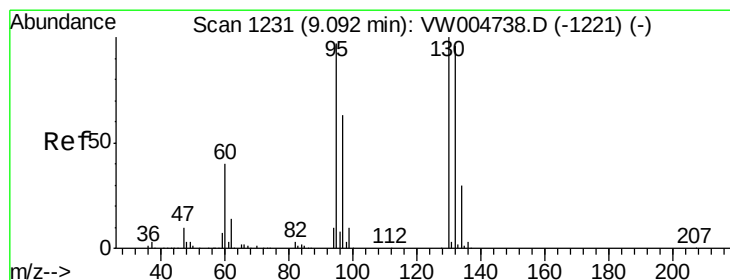
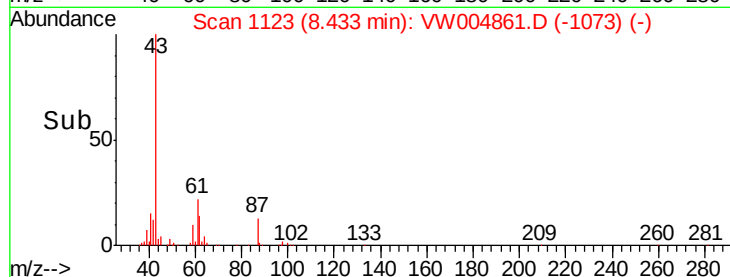
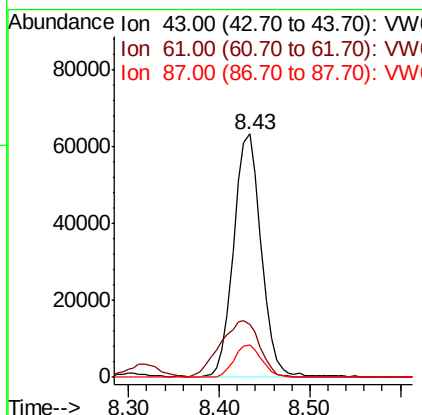
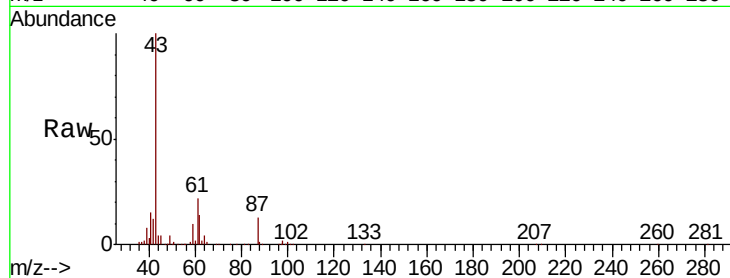
ClientSampleId :

VW0821SBS02

Tot Ion:	43	Resp:	133232
Ion	Ratio	Lower	Upper
43	100		
61	33.6	26.2	39.4
87	13.5	10.9	16.3

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#44

Trichloroethene

Concen: 21.13 ug/l

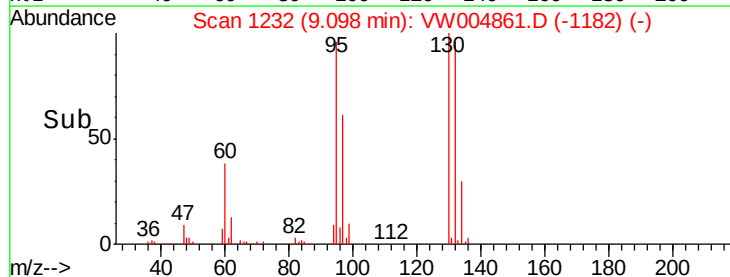
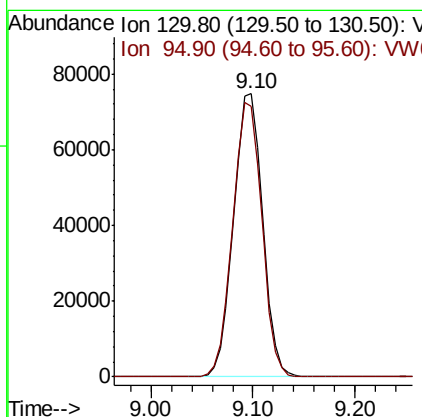
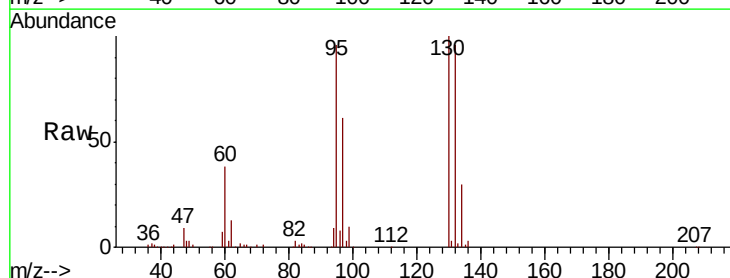
RT: 9.10 min Scan# 1232

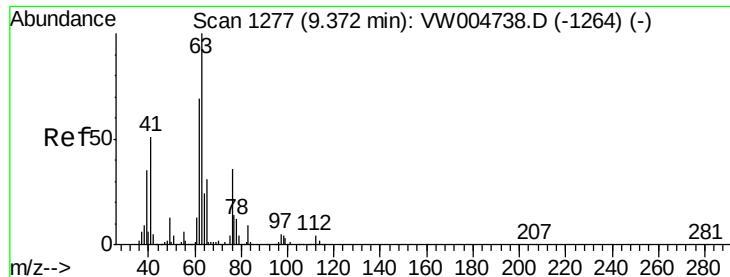
Delta R.T. 0.01 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Tgt Ion:	130	Resp:	147542
Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	194.4





#45

1,2-Dichloropropane

Concen: 21.30 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS02

Tot Ion: 63 Resp: 143370

Ion Ratio Lower Upper

63 100

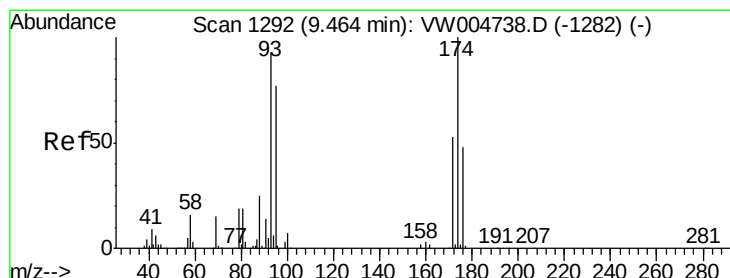
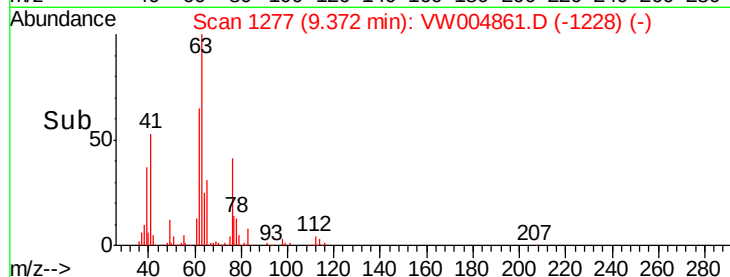
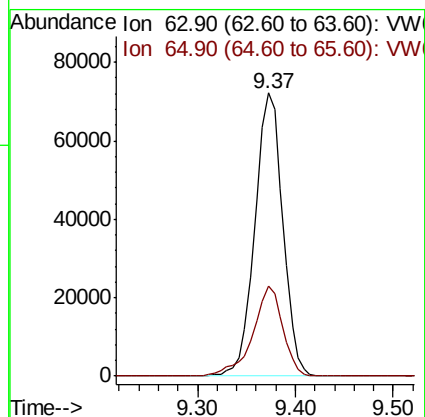
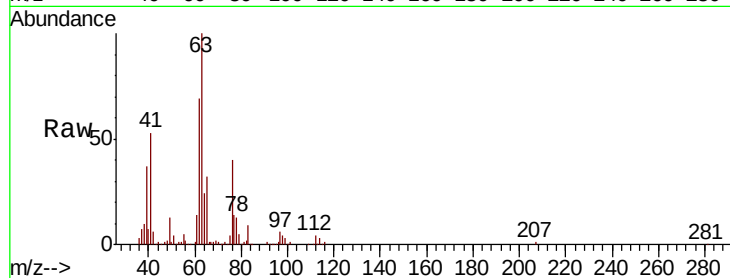
65 31.9 24.6 37.0

Manual Integrations

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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: VW004861.D

Acq: 22 Aug 2018 01:54

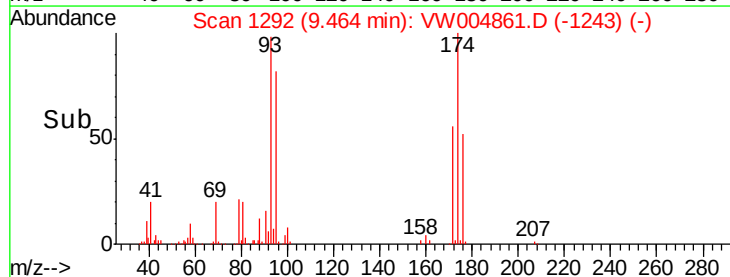
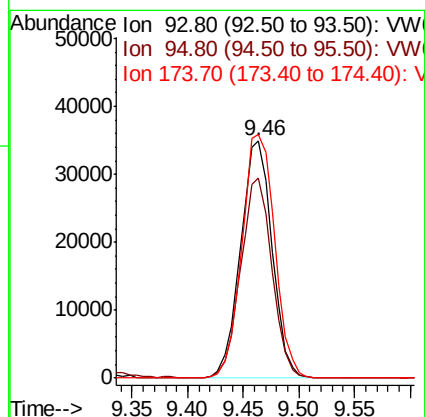
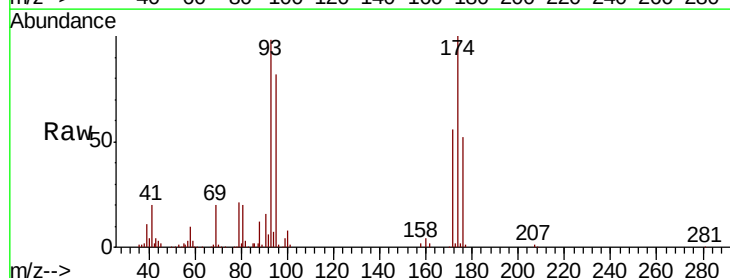
Tgt Ion: 93 Resp: 68716

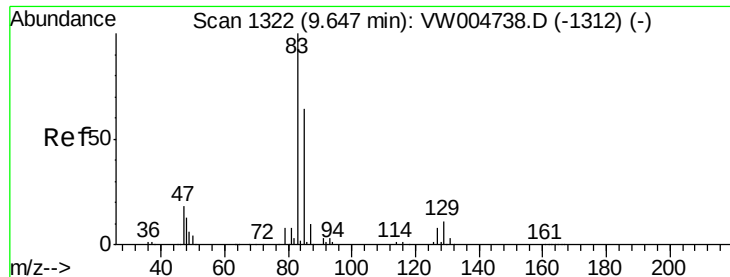
Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 106.8 85.3 127.9





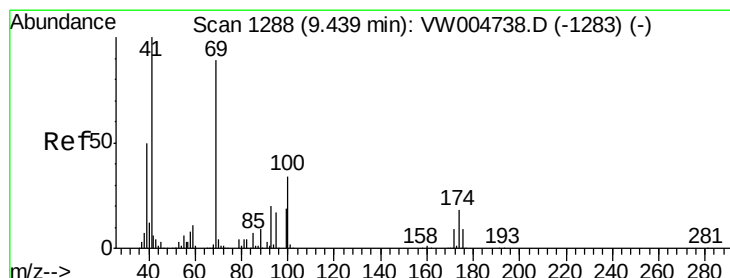
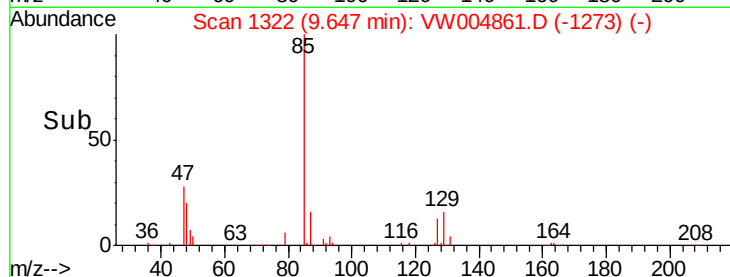
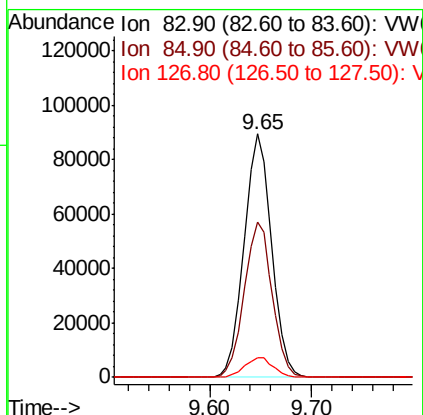
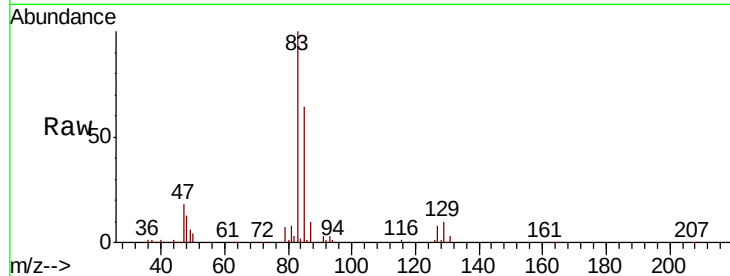
#47
Bromodichloromethane
Concen: 21.07 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	167725		
85	63.6	51.2	76.8	
127	8.1	6.7	10.1	

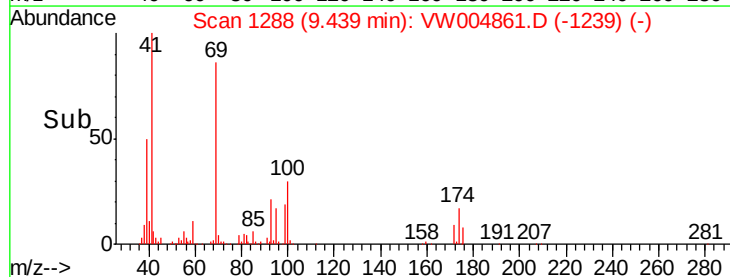
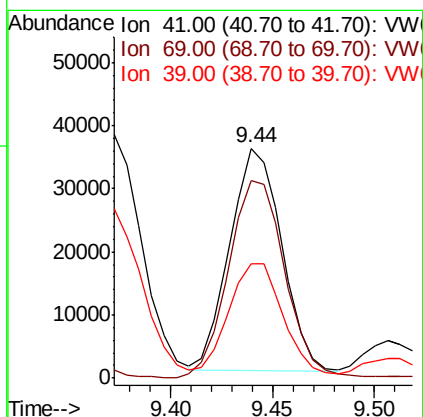
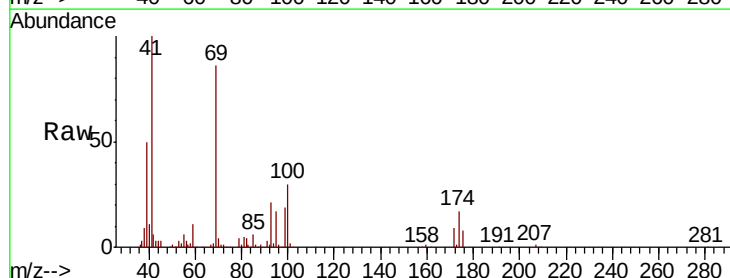
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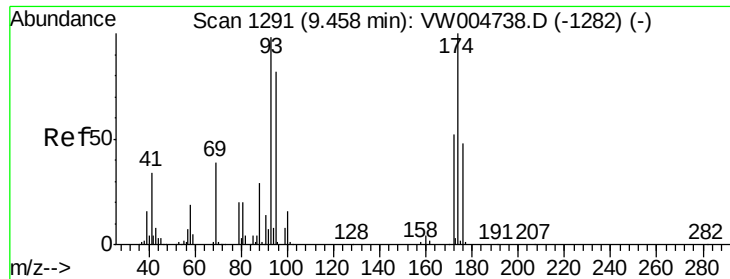
apatel
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#48
Methyl methacrylate
Concen: 19.49 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	61994		
69	98.0	75.2	112.8	
39	51.6	39.8	59.6	





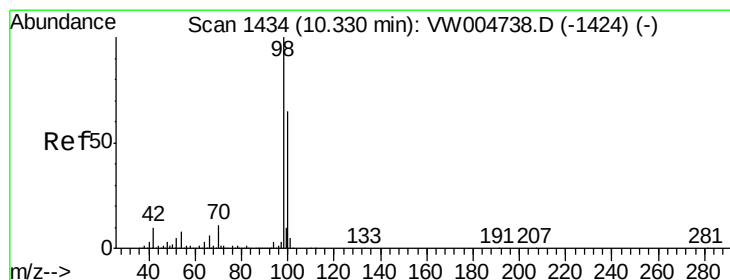
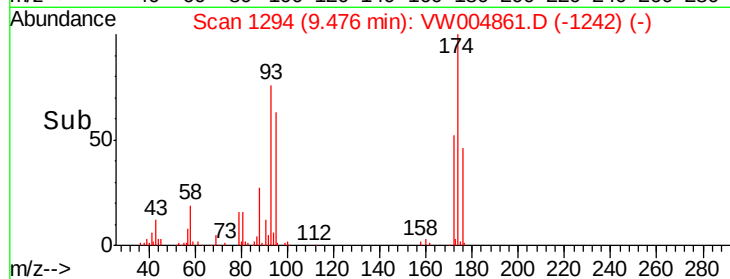
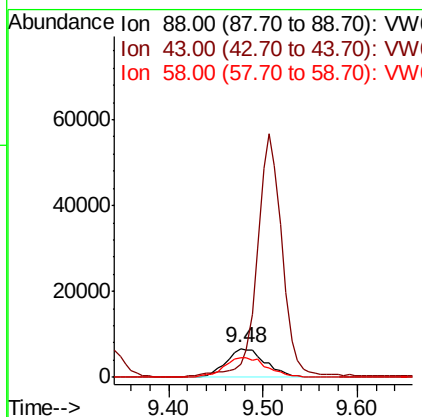
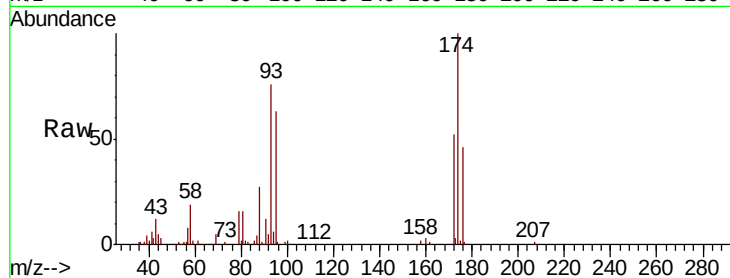
#49
1,4-Dioxane
Concen: 401.64 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	76.6	60.0	90.0

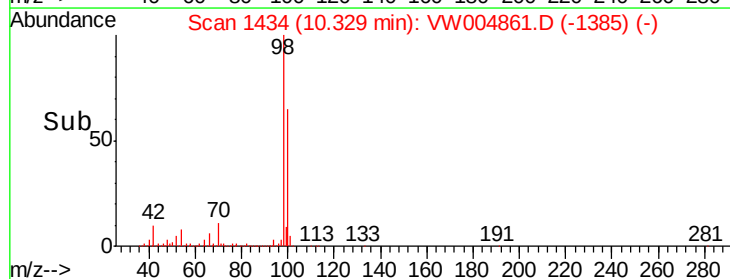
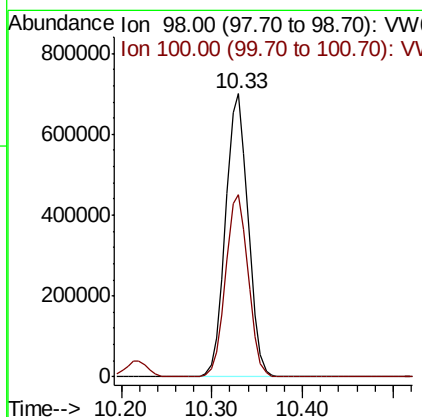
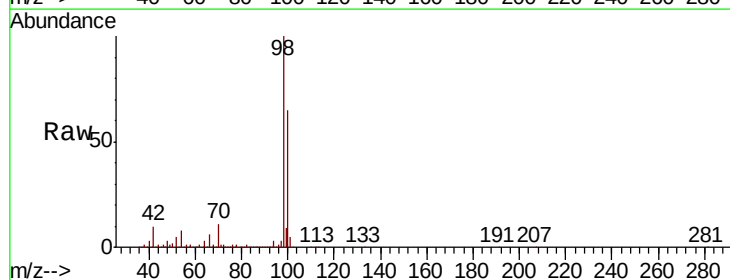
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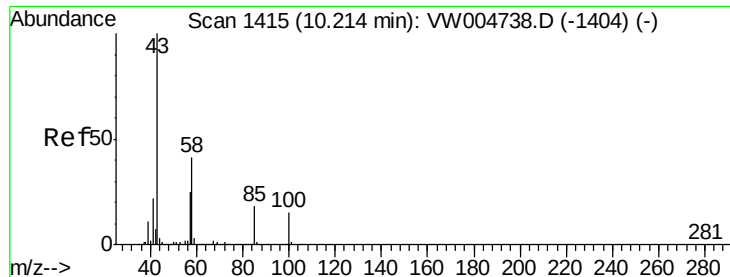
apatel
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#50
Toluene-d8
Concen: 52.67 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 98.51 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampled :

VW0821SBS02

Tot Ion: 43 Resp: 451281

Ion Ratio Lower Upper

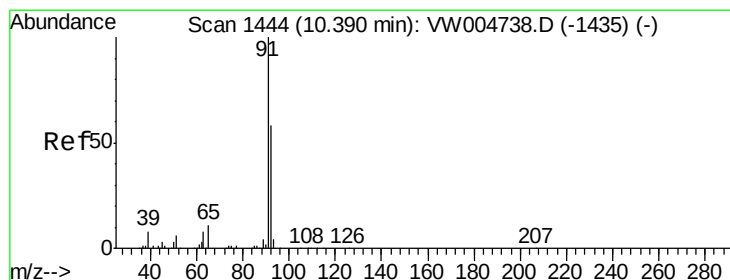
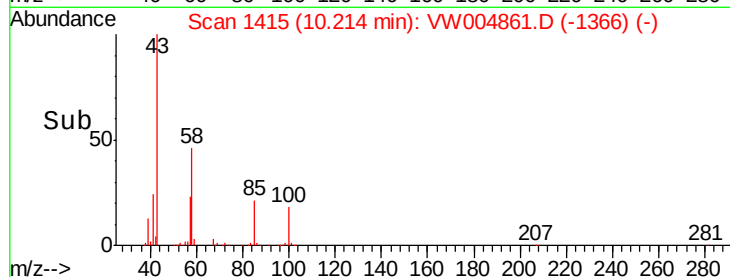
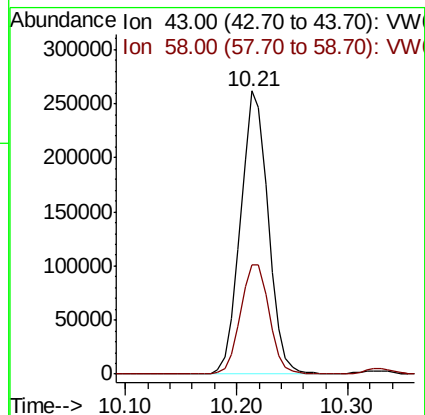
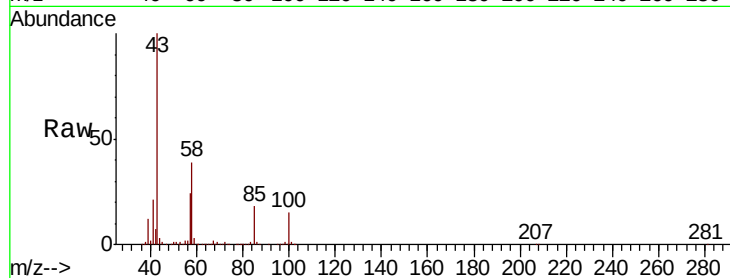
43 100

58 40.2 32.7 49.1

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#52

Toluene

Concen: 22.01 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004861.D

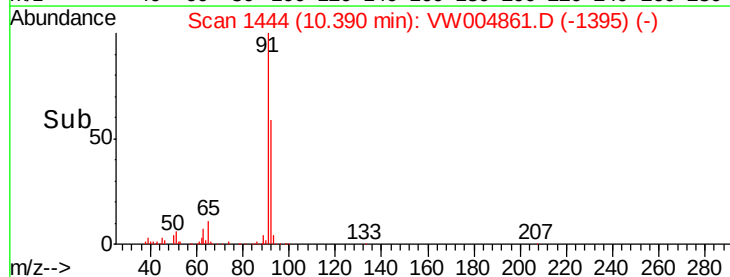
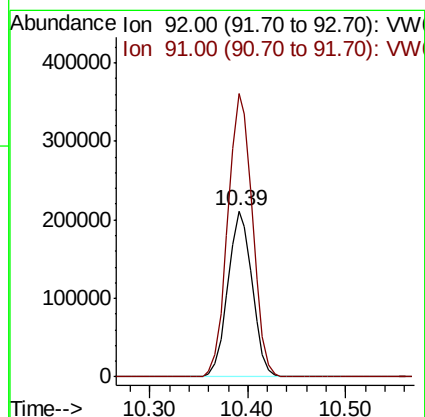
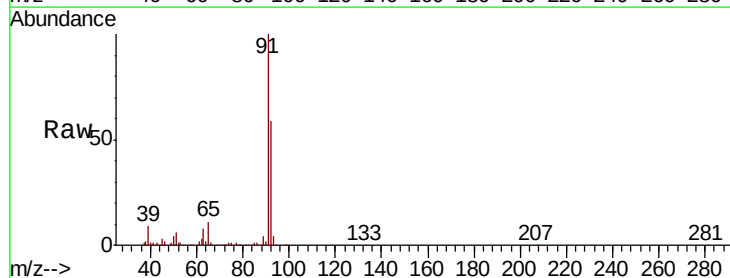
Acq: 22 Aug 2018 01:54

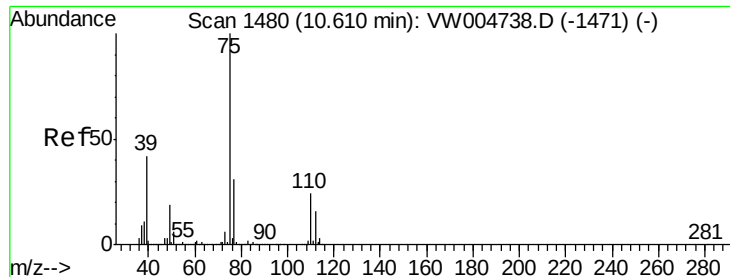
Tgt Ion: 92 Resp: 363130

Ion Ratio Lower Upper

92 100

91 173.0 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 20.42 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampled :

VW0821SBS02

Tot Ion: 75 Resp: 163793

Ion Ratio Lower Upper

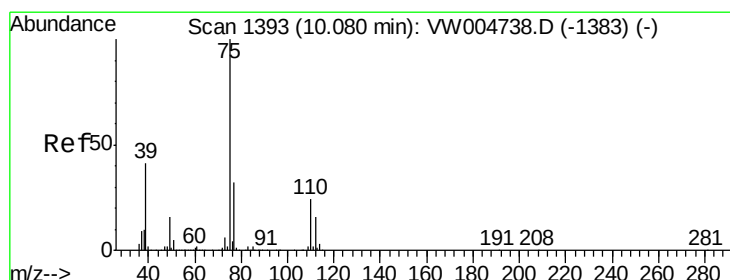
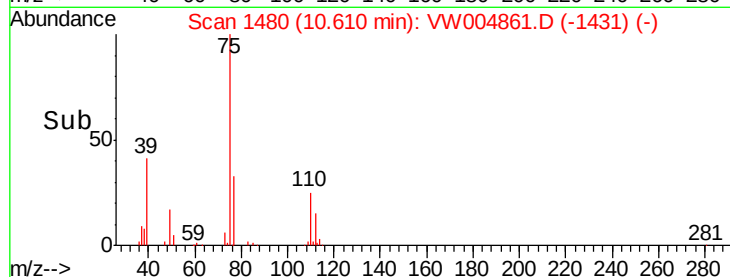
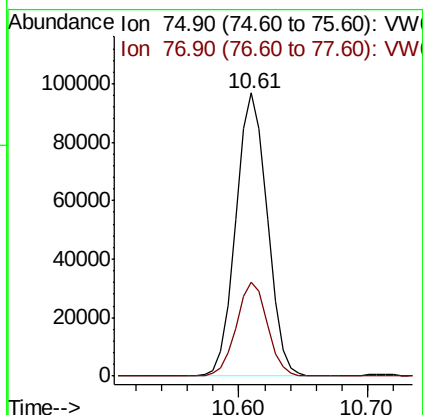
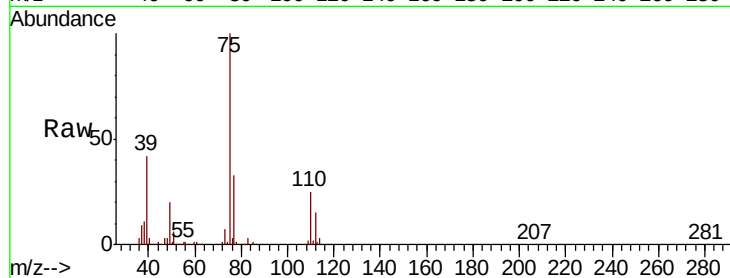
75 100

77 33.2 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 20.84 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

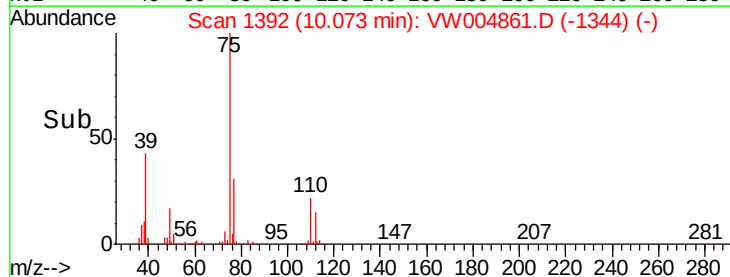
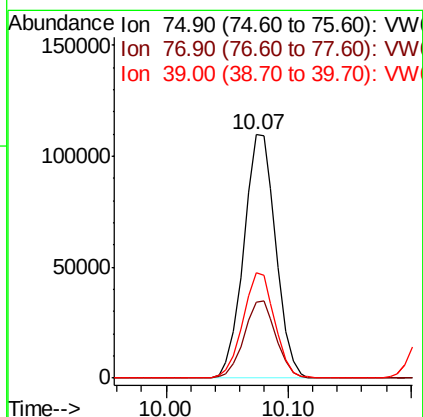
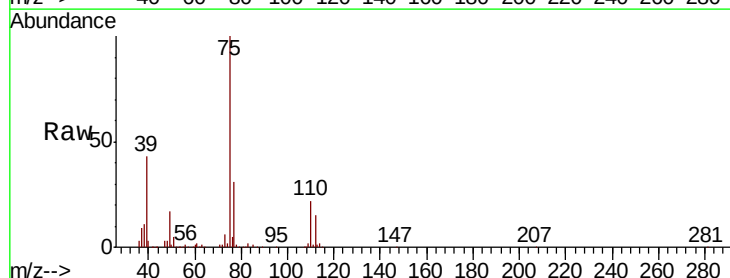
Tgt Ion: 75 Resp: 199304

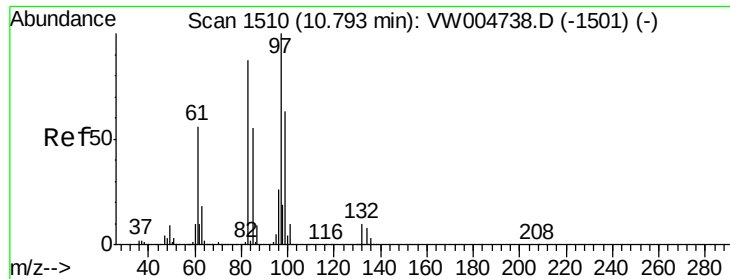
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

39 43.1 33.0 49.4





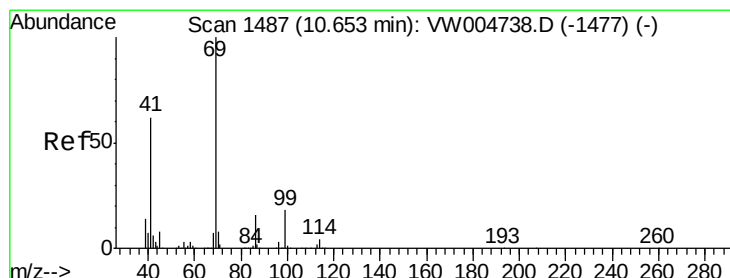
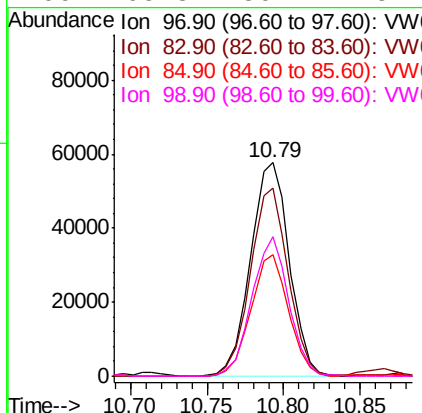
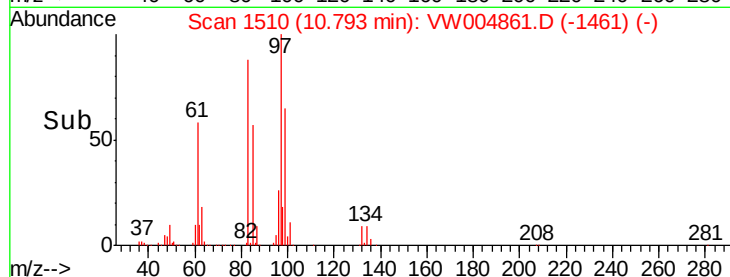
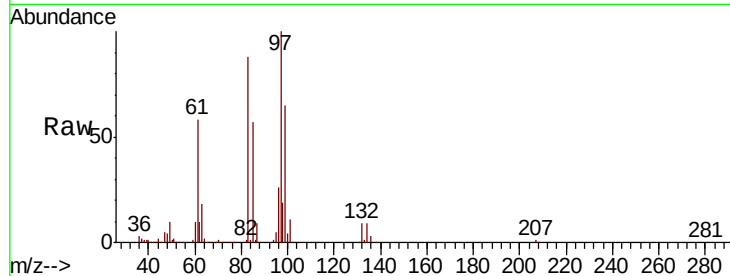
#55
 1,1,2-Trichloroethane
 Concen: 21.43 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		101562		
83	88.1	69.4	104.2		
85	56.9	44.3	66.5		
99	65.3	50.2	75.2		

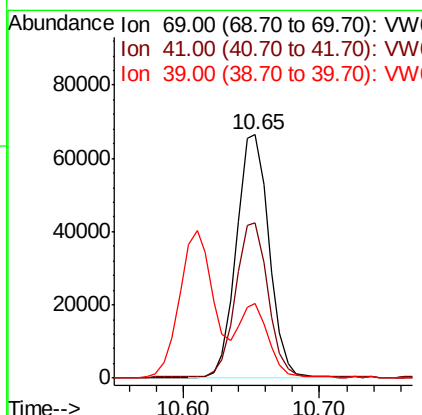
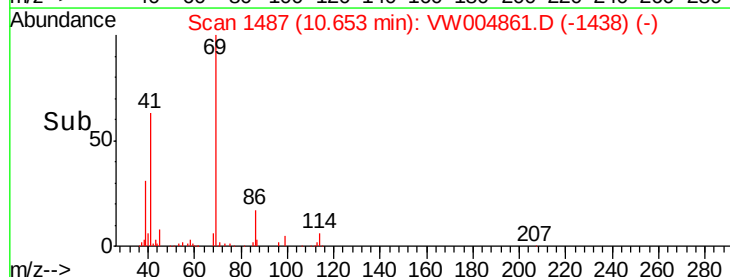
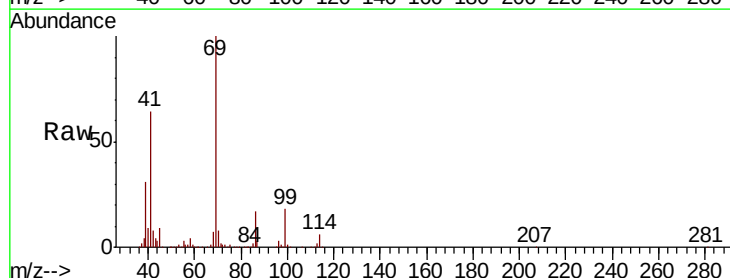
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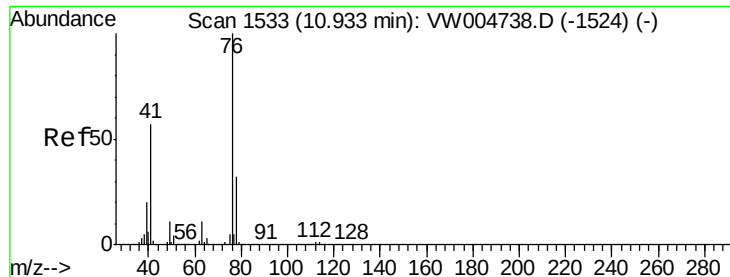
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#56
 Ethyl methacrylate
 Concen: 19.96 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		111766		
41	63.3	50.7	76.1		
39	27.1	21.4	32.2		





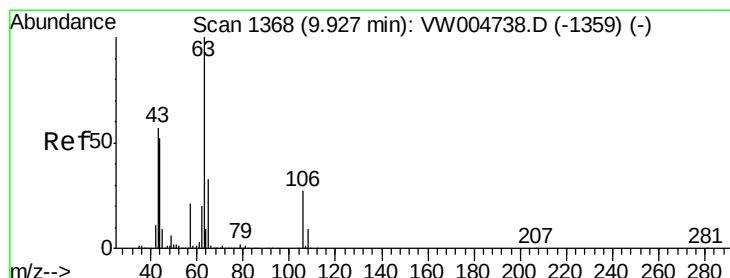
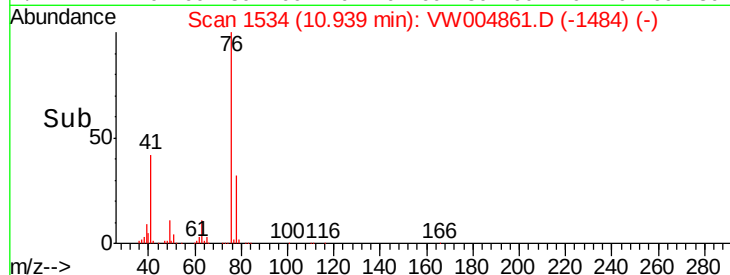
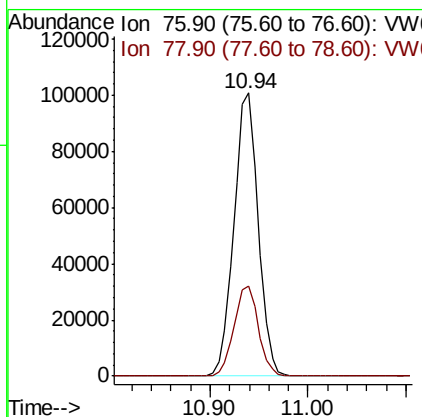
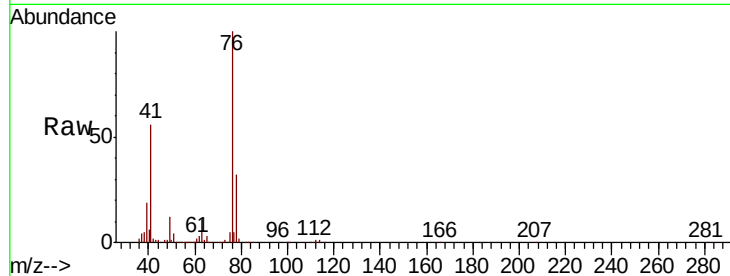
#57
 1,3-Dichloropropane
 Concen: 21.18 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.9	38.9

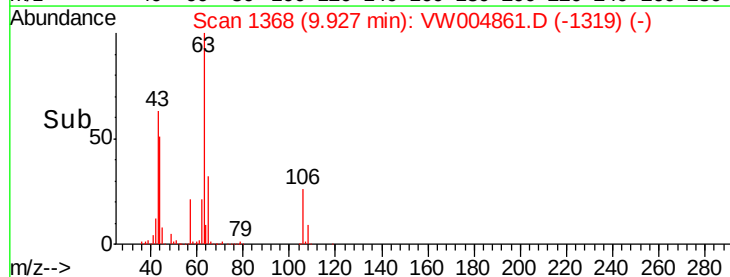
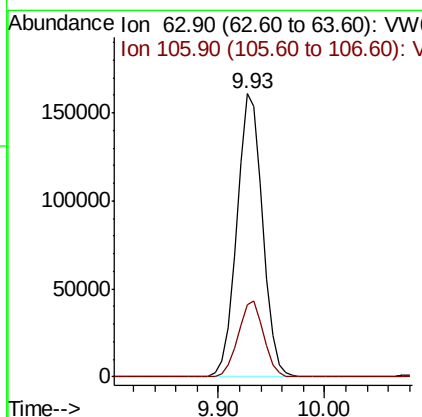
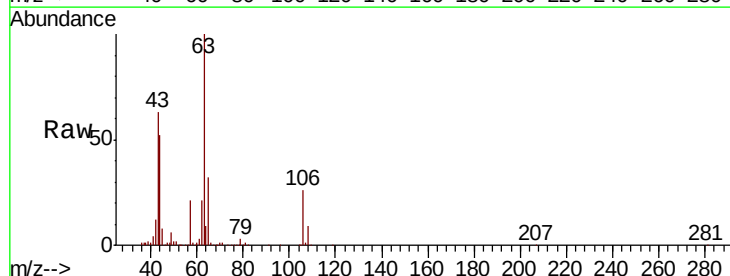
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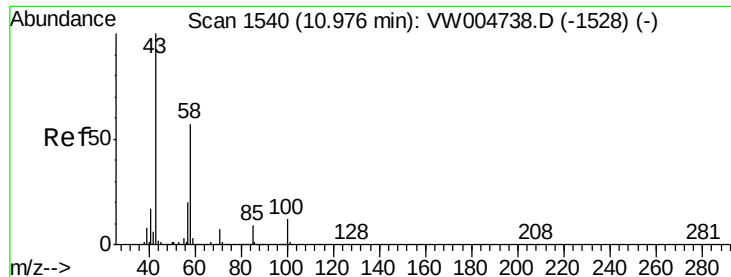
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.21 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.8	22.1	33.1





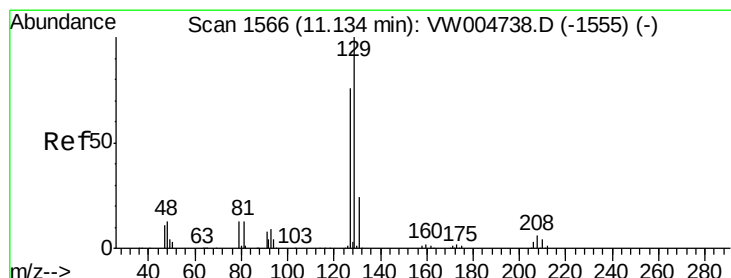
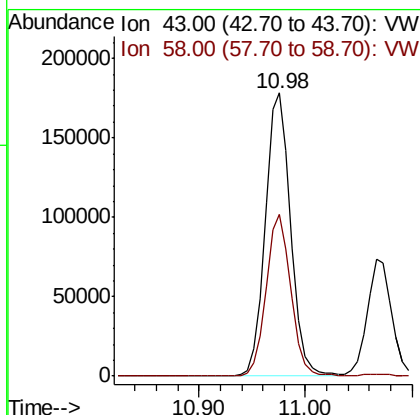
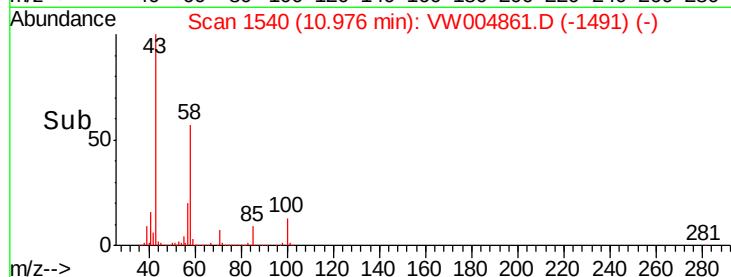
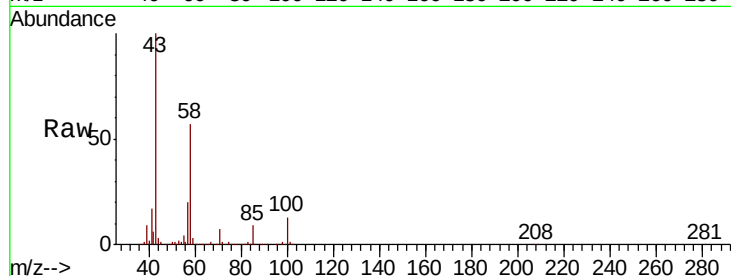
#59
2-Hexanone
Concen: 95.36 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampled :
VW0821SBS02

Tot Ion: 43 Resp: 295999
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.4

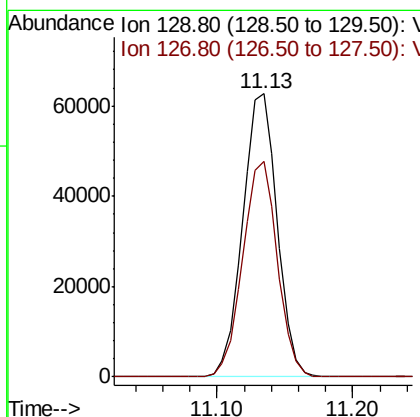
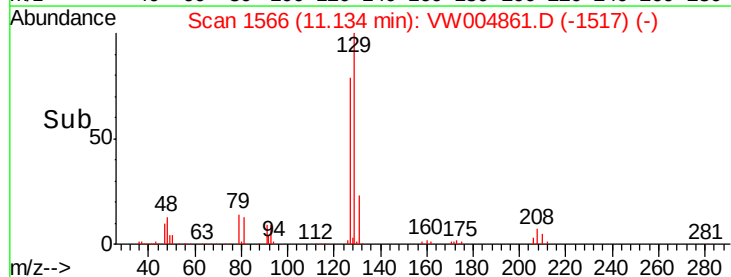
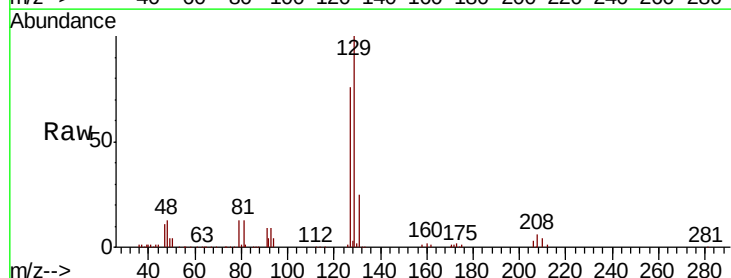
Manual Integrations
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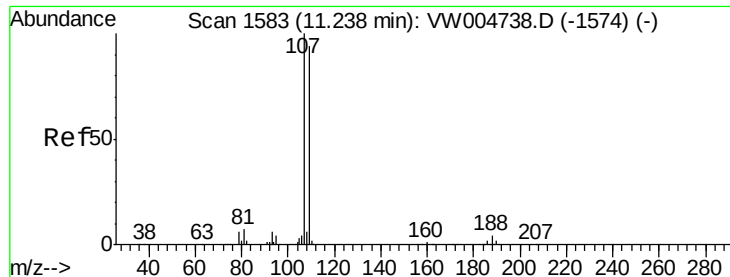
apatel
8/22/2018 11:25:34 AM



#60
Dibromochloromethane
Concen: 20.92 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion: 129 Resp: 111238
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.60 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS02

Tot Ion: 107 Resp: 93304

Ion Ratio Lower Upper

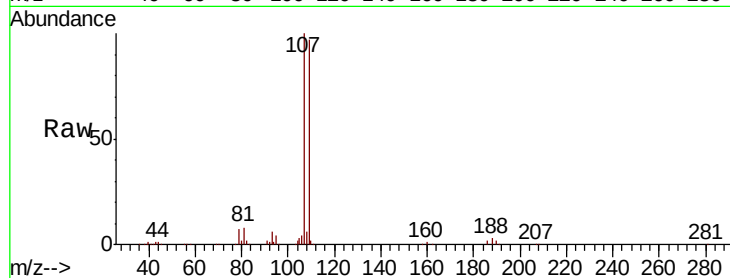
107 100

109 94.9 75.5 113.3

Manual Integrations
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apatel

8/22/2018 11:25:34 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

60000

50000

40000

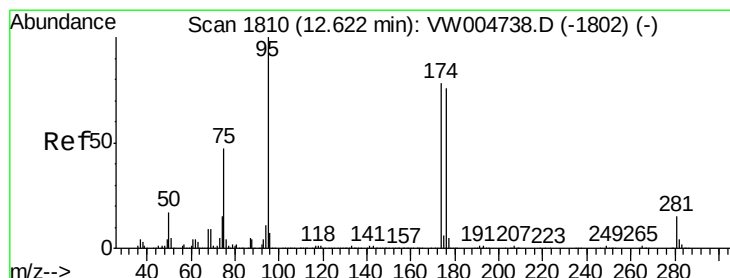
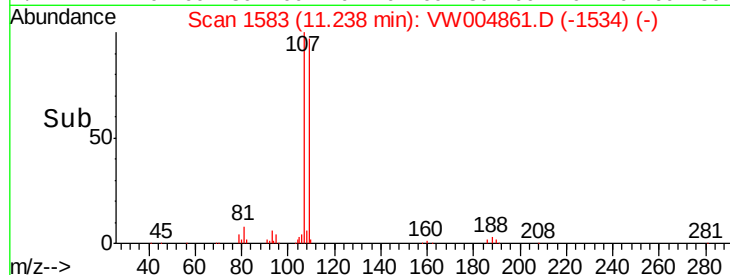
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.16 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

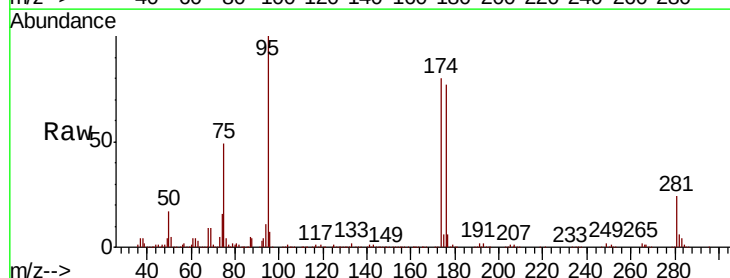
Tgt Ion: 95 Resp: 430250

Ion Ratio Lower Upper

95 100

174 82.7 0.0 165.8

176 80.3 0.0 159.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

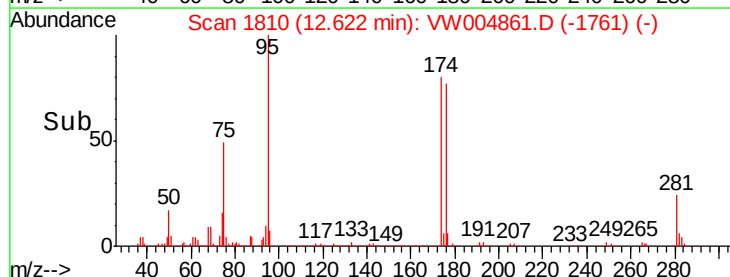
300000

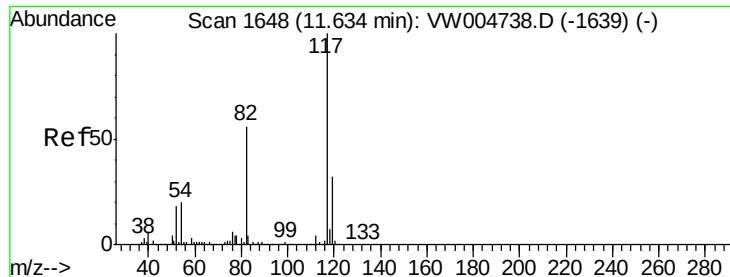
200000

100000

0

Time-->





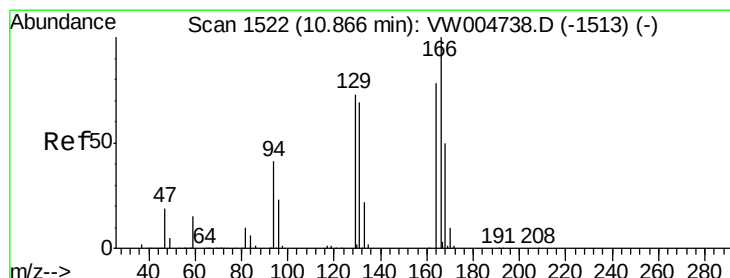
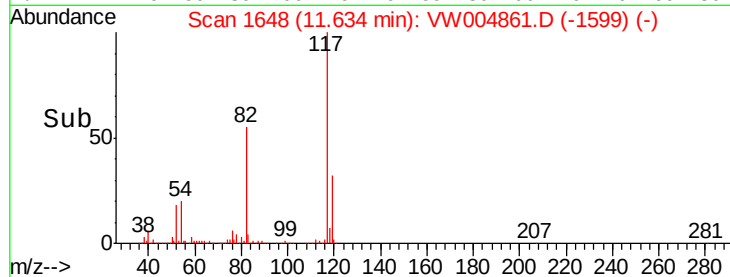
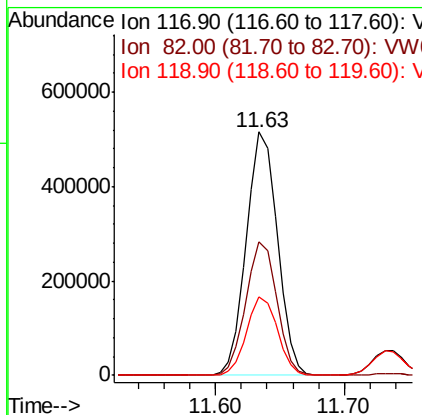
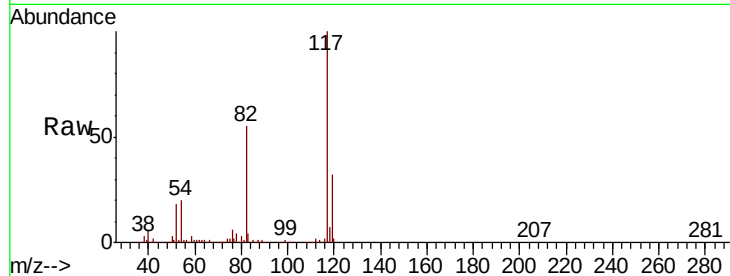
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.6	67.0
119	32.4	25.6	38.4

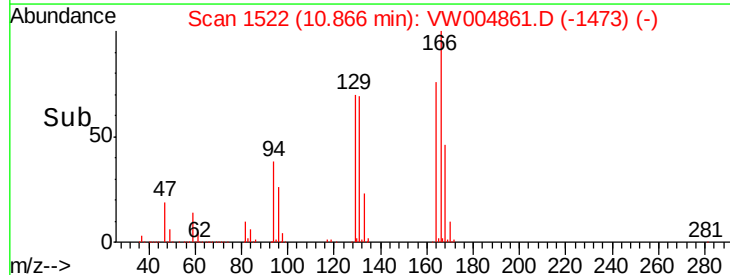
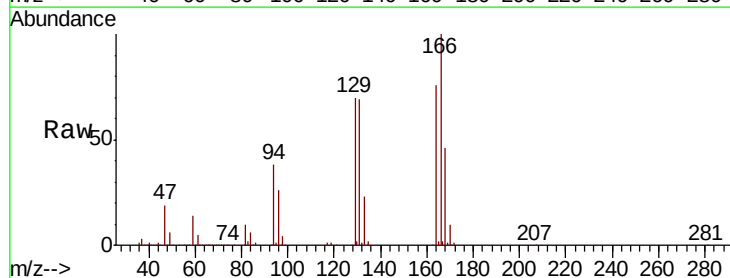
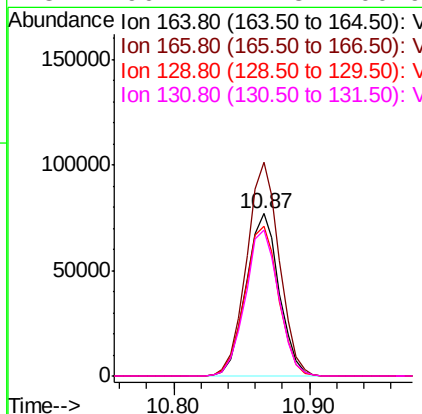
Manual Integrations
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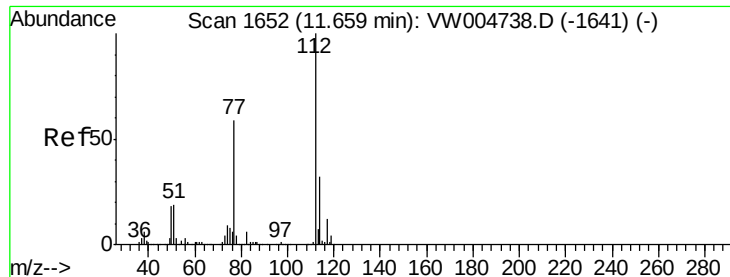
apatel
8/22/2018 11:25:34 AM



#64
Tetrachloroethene
Concen: 22.30 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	102.5	153.7
129	92.2	75.1	112.7
131	90.2	71.3	106.9





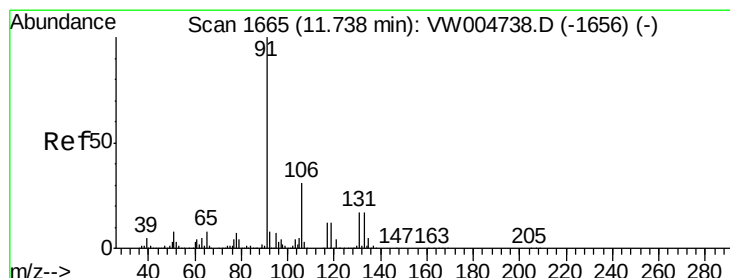
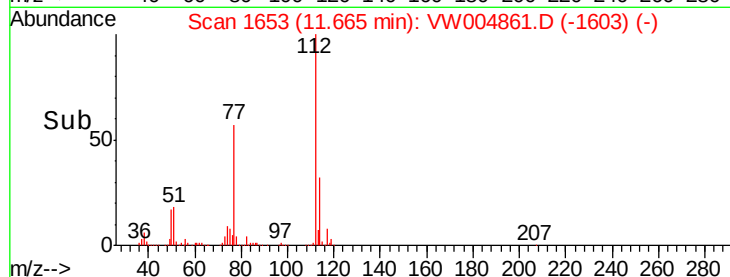
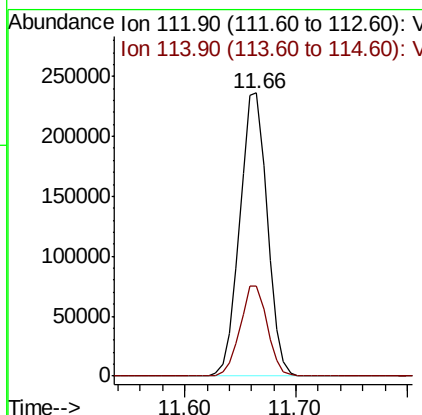
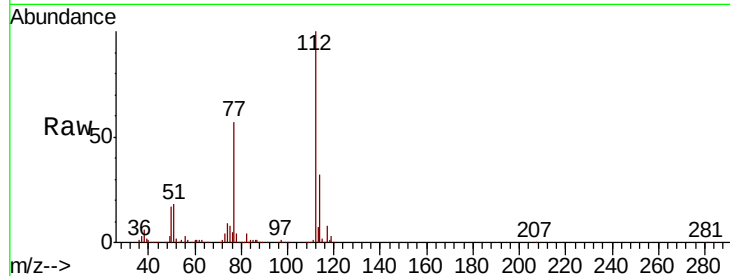
#65
Chlorobenzene
Concen: 21.83 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS02

Tot Ion:112 Resp: 404502
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

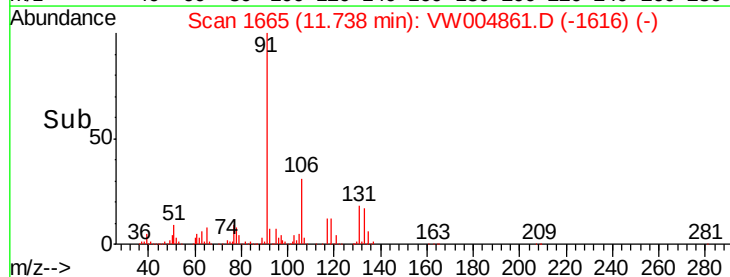
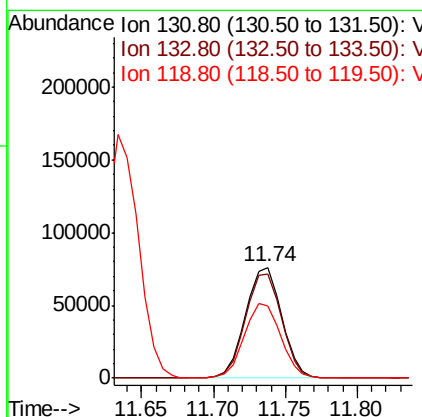
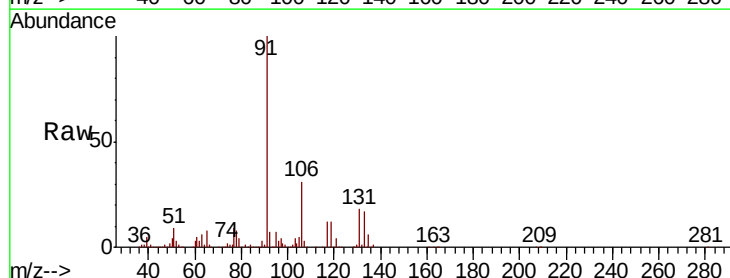
Manual Integrations
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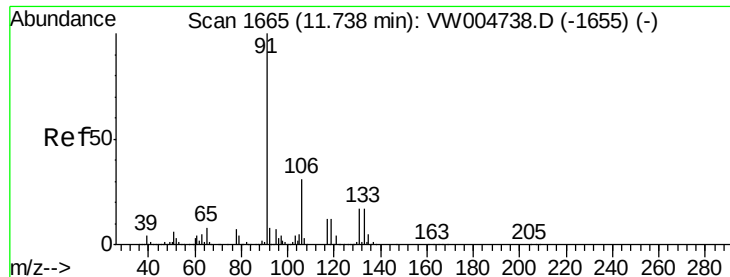
apatel
8/22/2018 11:25:34 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.09 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion:131 Resp: 131994
Ion Ratio Lower Upper
131 100
133 95.2 48.2 144.6
119 67.8 34.0 102.0





#67

Ethyl Benzene

Concen: 21.39 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampled :

VW0821SBS02

Tot Ion: 91 Resp: 671946

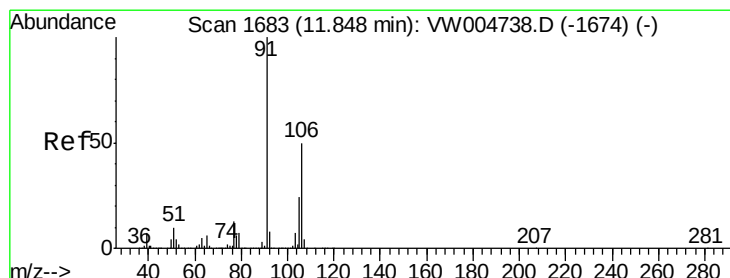
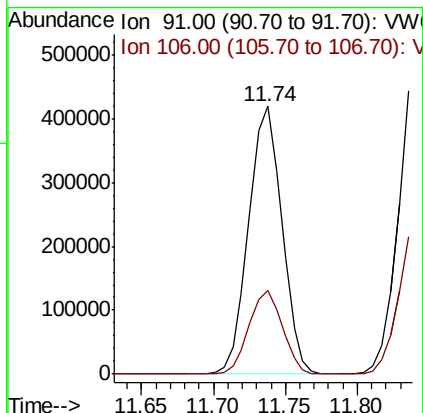
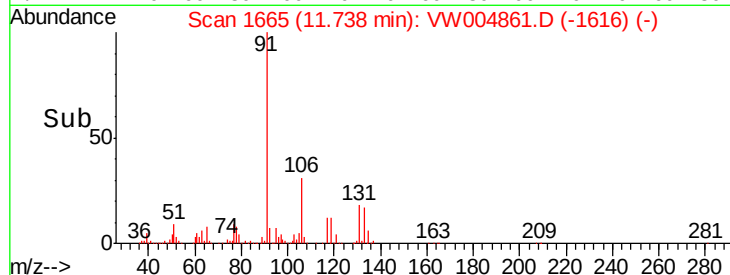
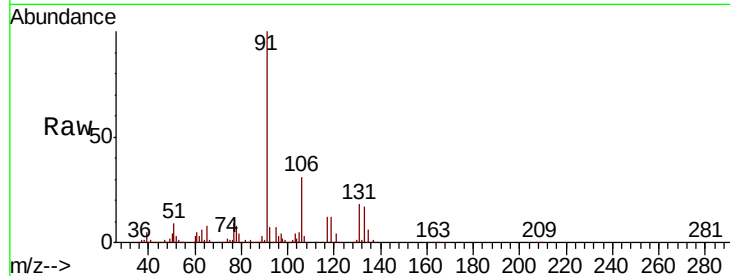
Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3

Manual Integrations
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apatel
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#68

m/p-Xylenes

Concen: 44.03 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW004861.D

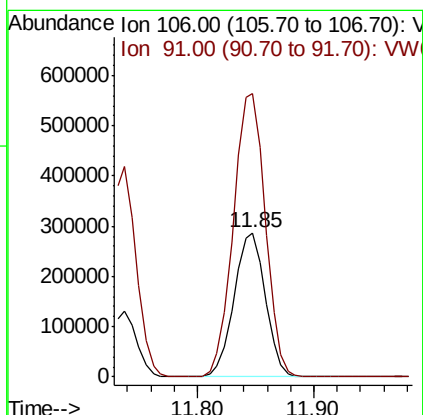
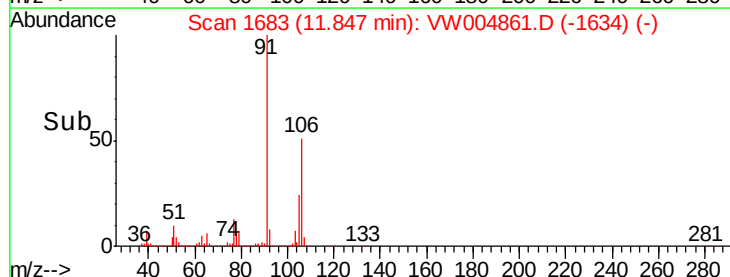
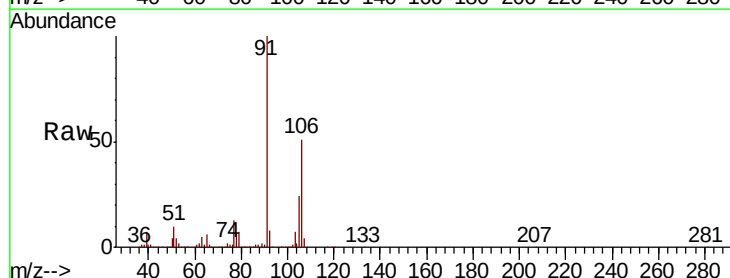
Acq: 22 Aug 2018 01:54

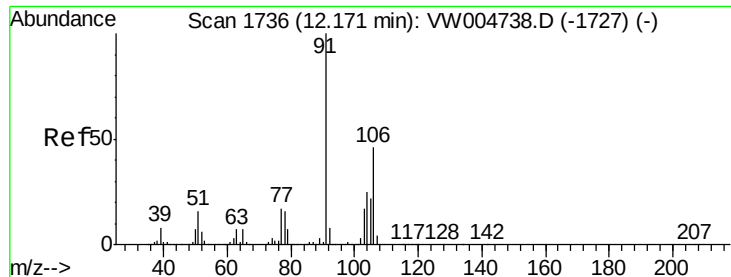
Tgt Ion: 106 Resp: 538200

Ion Ratio Lower Upper

106 100

91 200.2 159.9 239.9





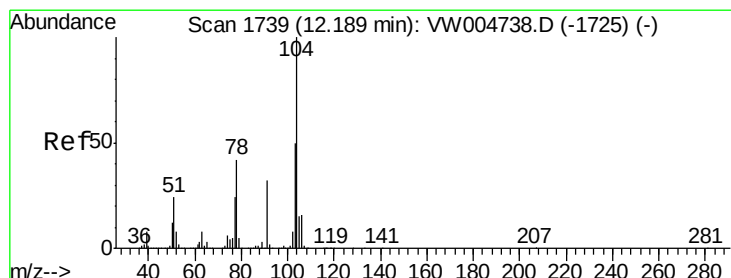
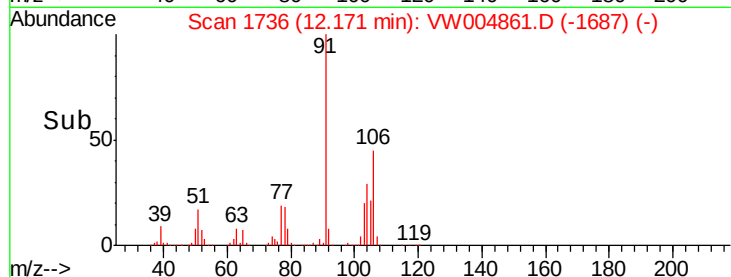
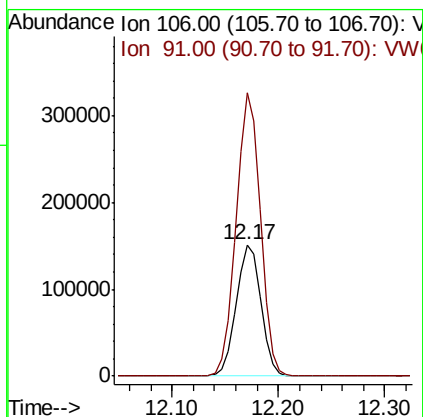
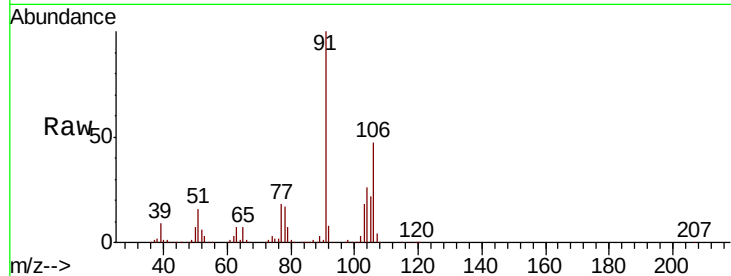
#69
o-Xylene
Concen: 21.84 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampled :
VW0821SBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.4	107.3	321.8

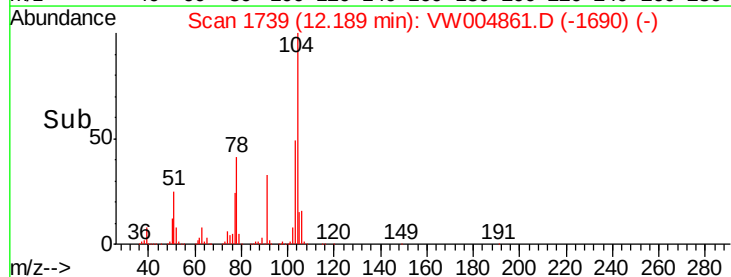
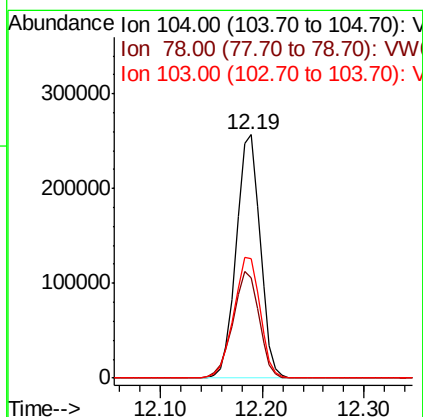
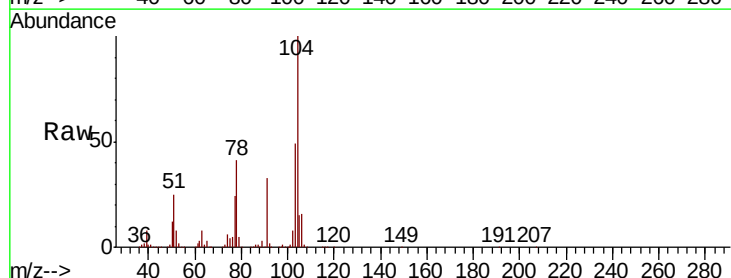
Manual Integrations
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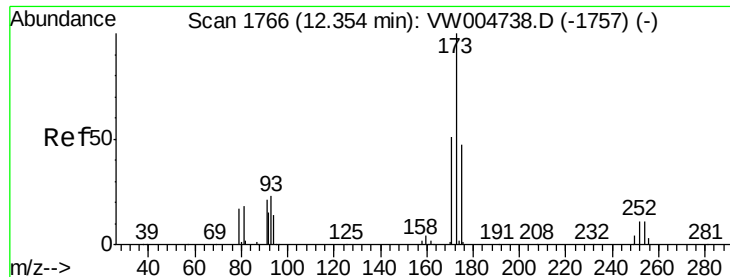
apatel
8/22/2018 11:25:34 AM



#70
Styrene
Concen: 21.86 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	38.4	57.6
103	54.6	44.1	66.1





#71

Bromoform

Concen: 20.09 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

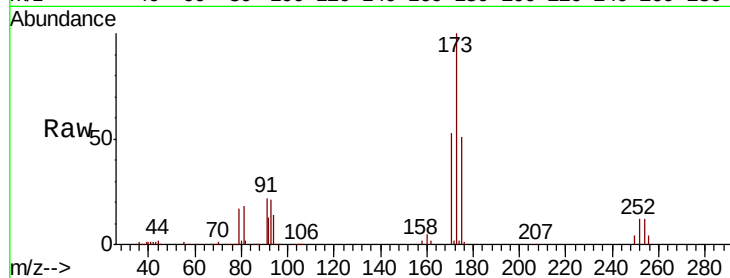
ClientSampled :

VW0821SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.8	71.4
254	0.1	0.1	0.1

Manual Integrations
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apatel
8/22/2018 11:25:34 AM

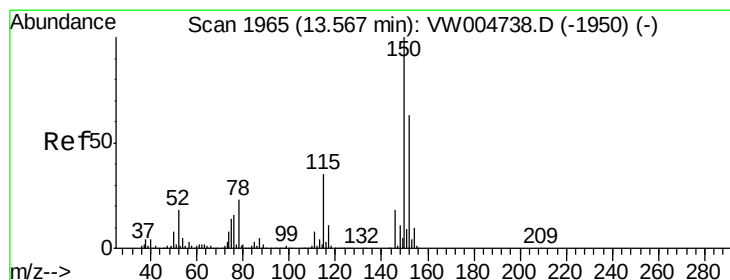
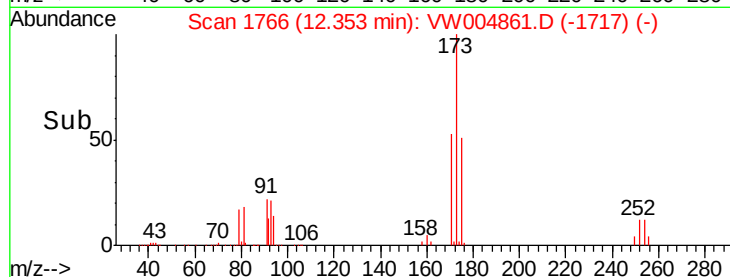
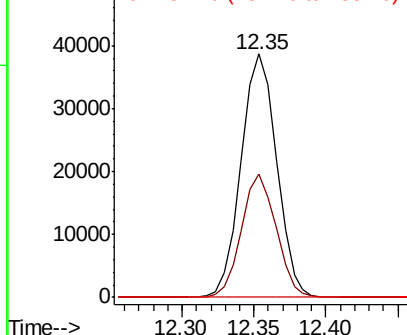


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

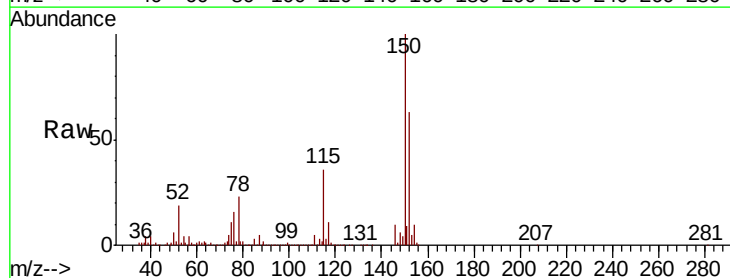
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.5	85.5
150	163.7	0.0	344.8

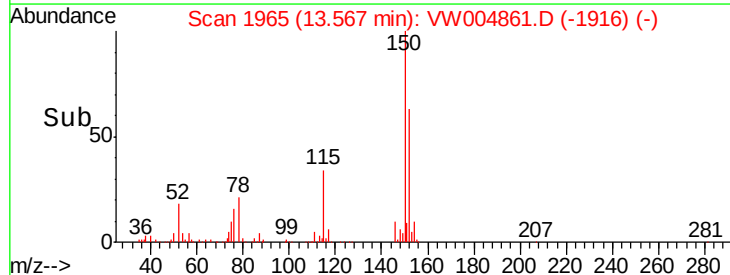
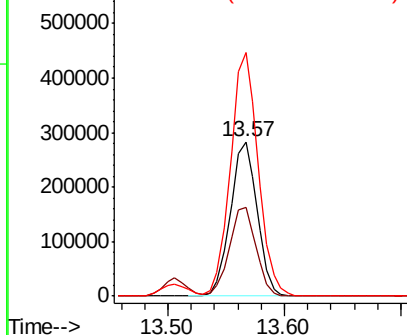


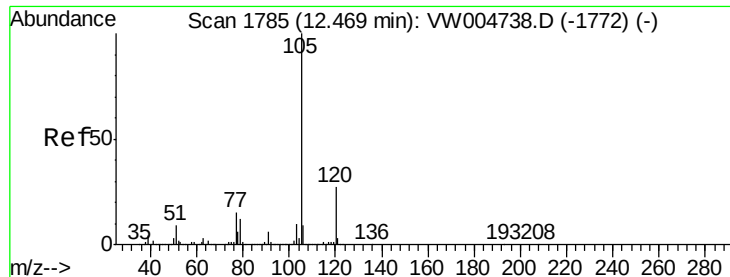
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.15 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS02

Tot Ion: 105 Resp: 679502

Ion Ratio Lower Upper

105 100

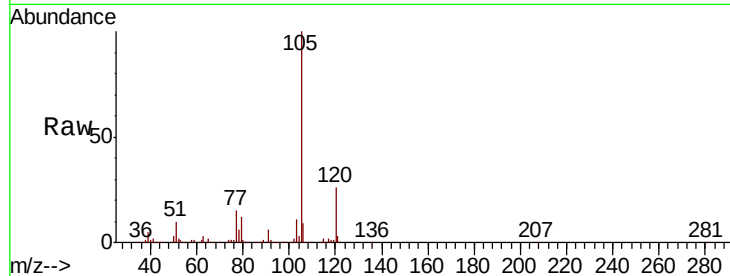
120 26.4 13.3 39.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

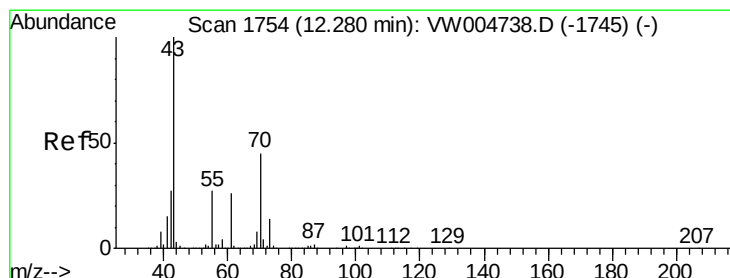
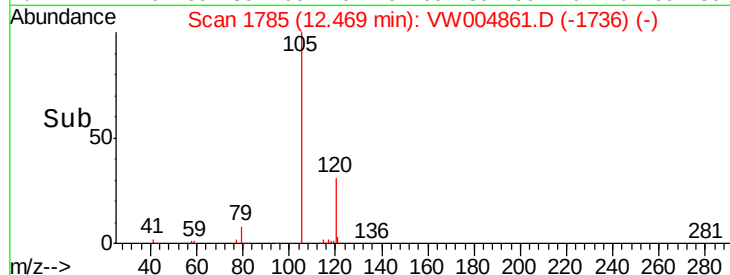
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 20.13 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Tgt Ion: 43 Resp: 125897

Ion Ratio Lower Upper

43 100

70 45.5 36.3 54.5

55 30.4 22.6 33.8

61 25.1 20.2 30.4

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

120000

100000

80000

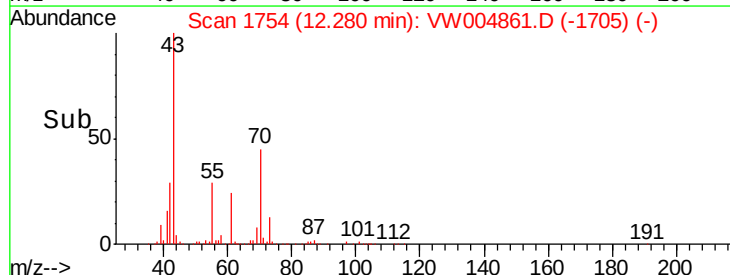
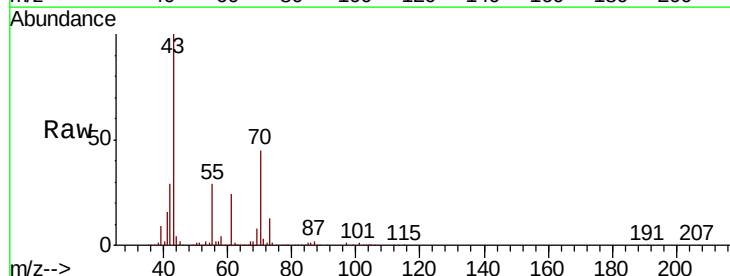
60000

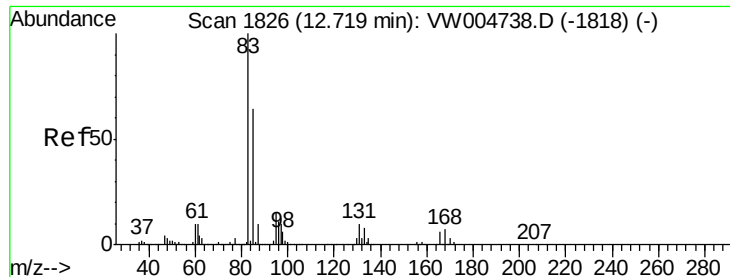
40000

20000

0

Time-->





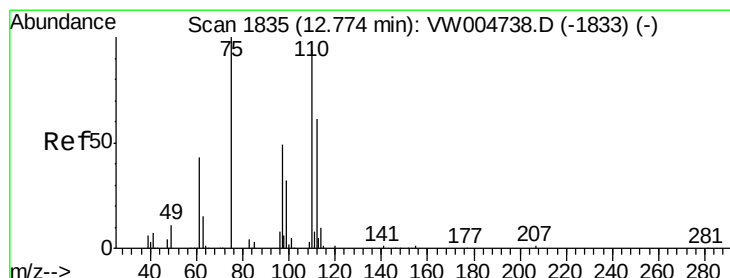
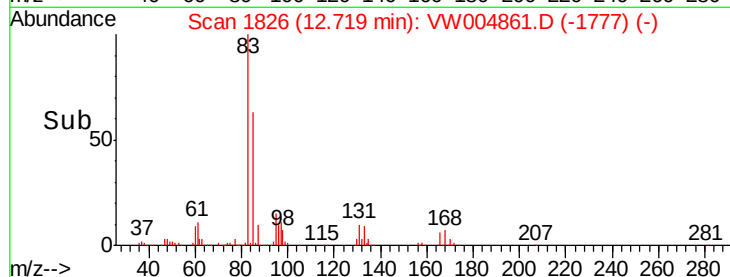
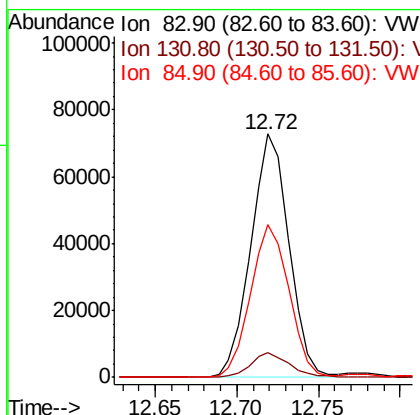
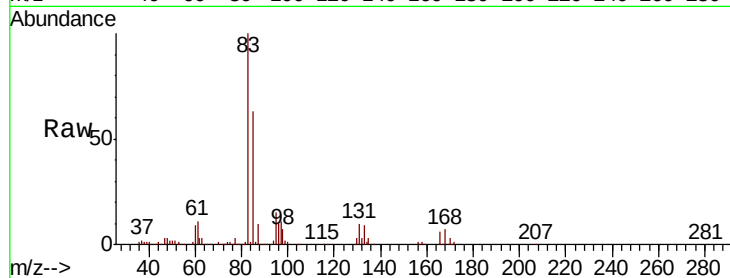
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.84 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBS02

Tot Ion	83	Resp	118449
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	15.8
85	63.6	31.9	95.9

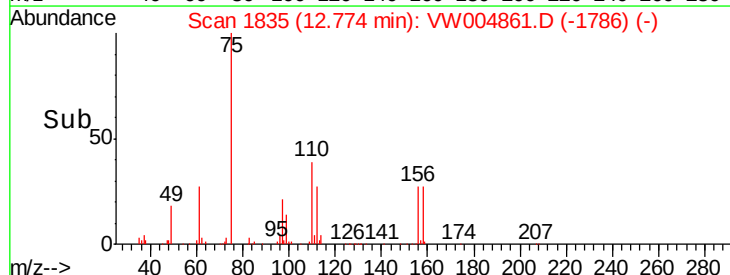
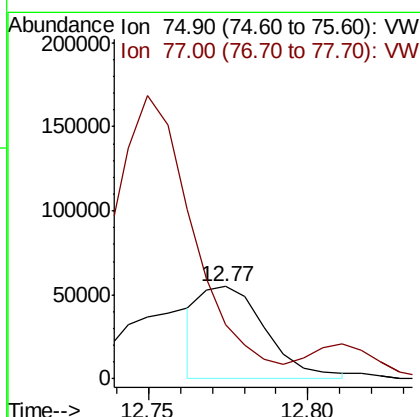
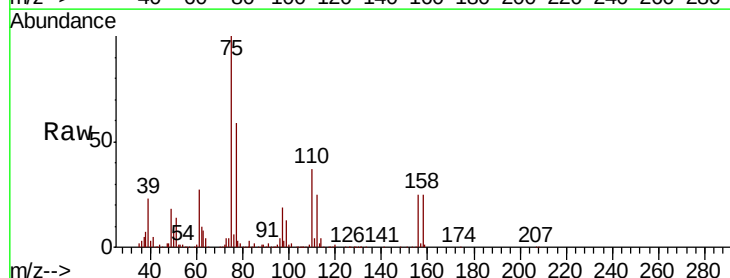
Manual Integrations
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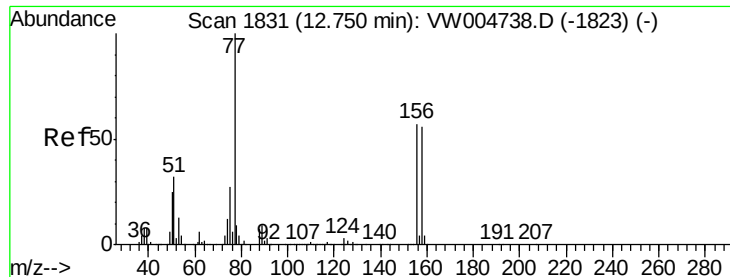
apatel
 8/22/2018 11:25:34 AM



#76
 1,2,3-Trichloropropane
 Concen: 19.87 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	75	Resp	78980
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.80 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS02

Tot Ion:156 Resp: 161878

Ion Ratio Lower Upper

156 100

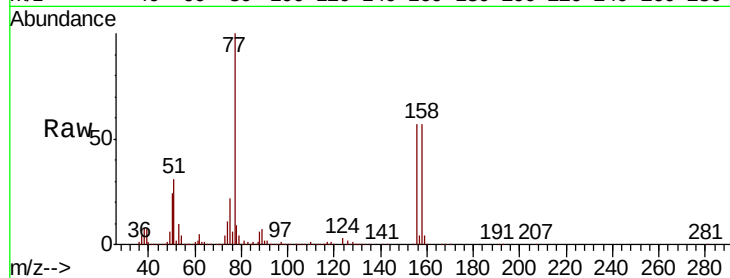
77 186.1 94.2 282.4

158 97.9 48.6 145.9

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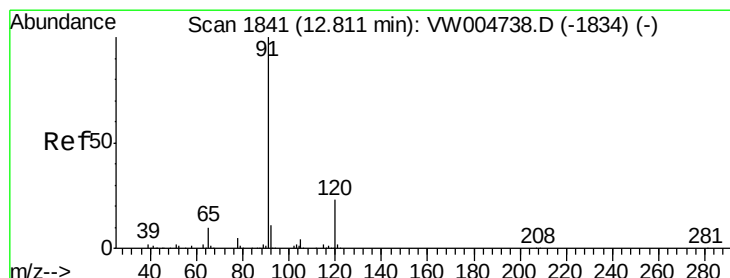
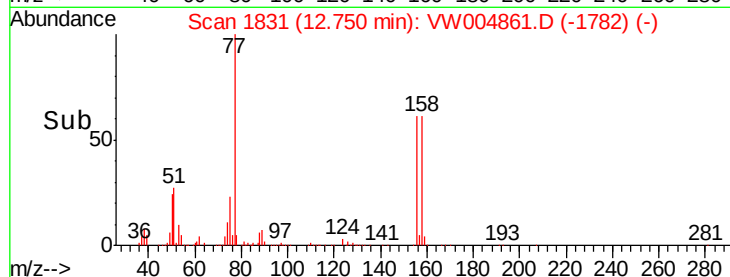
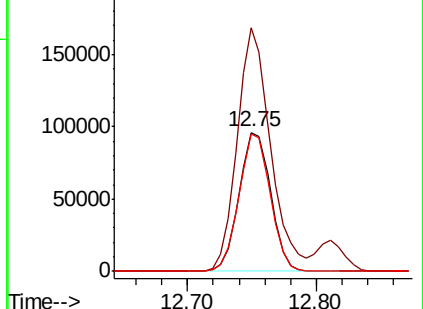
8/22/2018 11:25:34 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.28 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004861.D

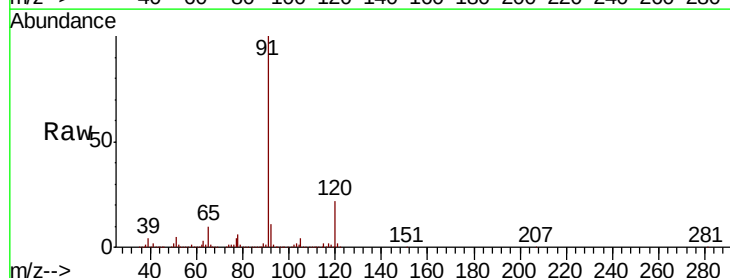
Acq: 22 Aug 2018 01:54

Tgt Ion: 91 Resp: 834264

Ion Ratio Lower Upper

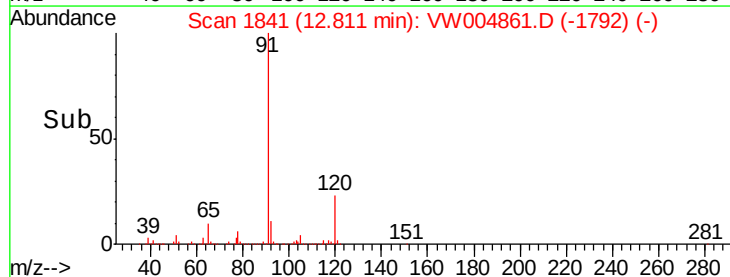
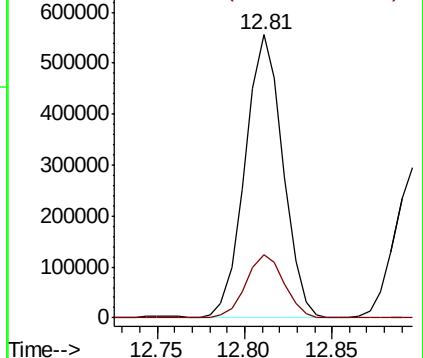
91 100

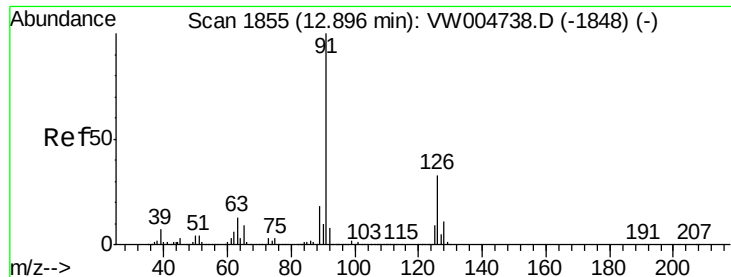
120 22.7 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.17 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS02

Tot Ion: 91 Resp: 478343

Ion Ratio Lower Upper

91 100

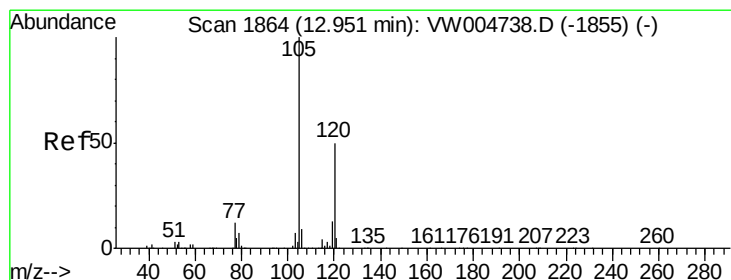
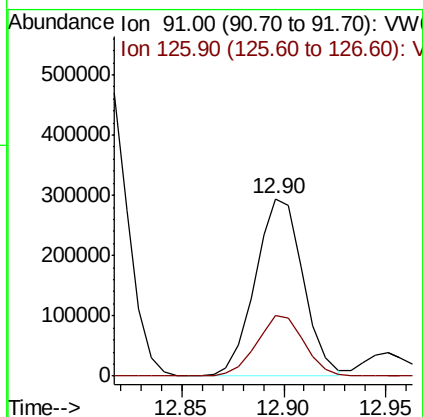
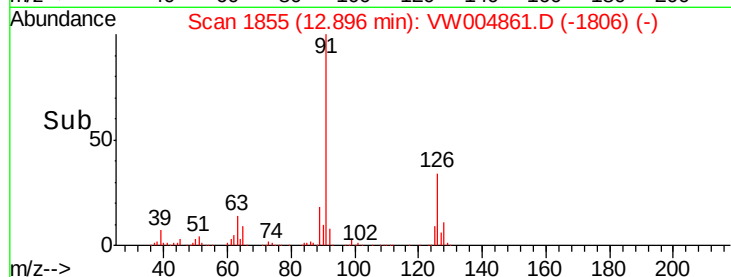
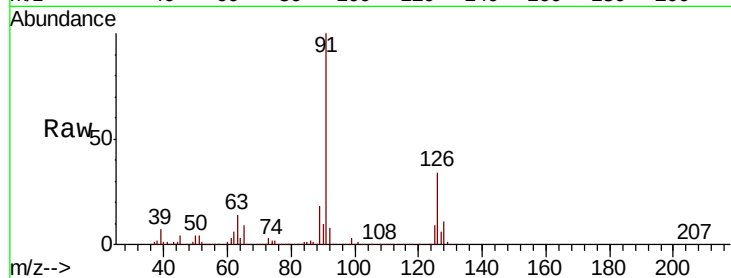
126 34.0 17.0 51.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 22.63 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004861.D

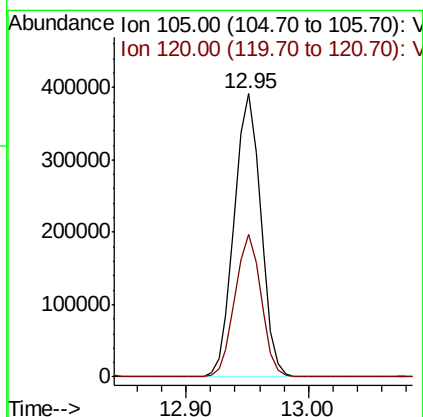
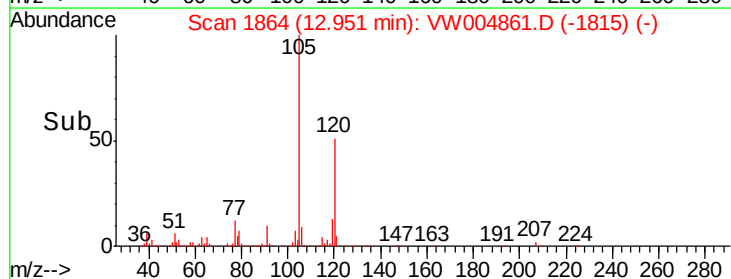
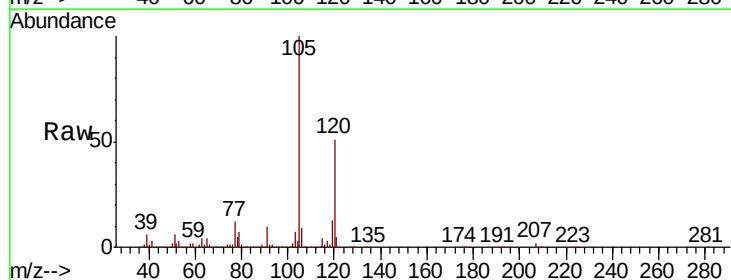
Acq: 22 Aug 2018 01:54

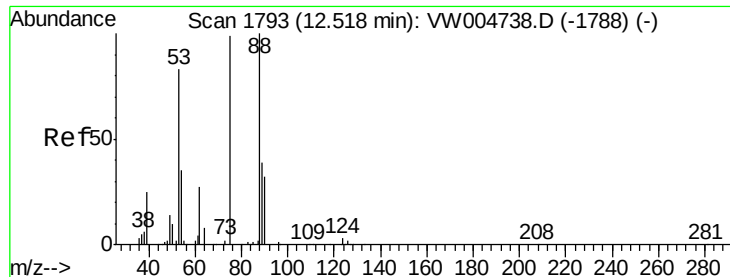
Tgt Ion: 105 Resp: 589793

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.78 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Instrument :

MSVOA_W

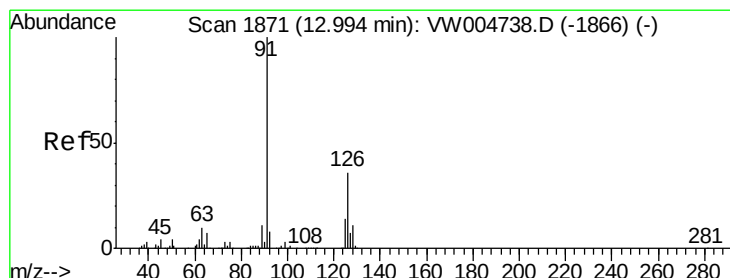
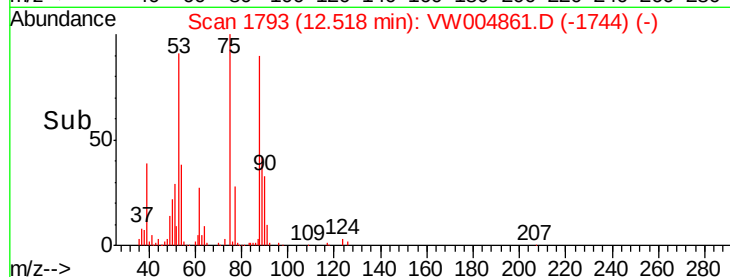
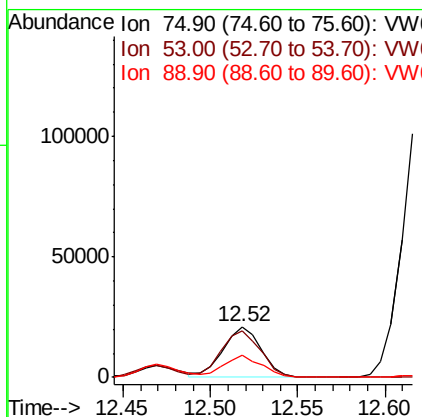
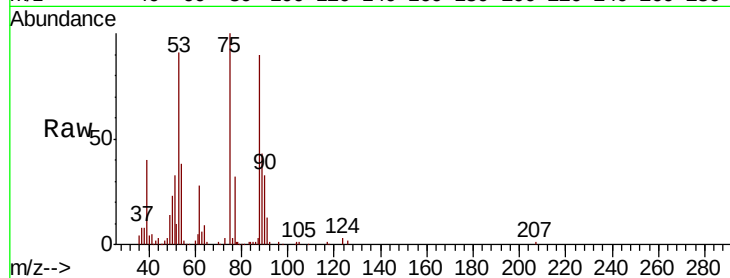
ClientSampled :

VW0821SBS02

Tot Ion:	75	Resp:	32116
Ion	Ratio	Lower	Upper
75	100		
53	95.3	72.2	108.4
89	42.8	35.2	52.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.20 ug/l

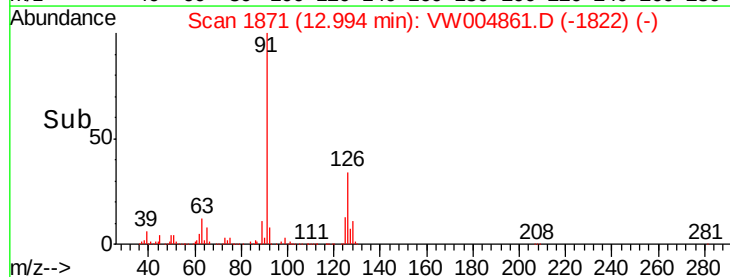
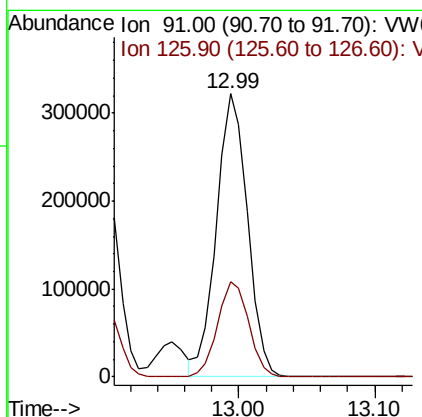
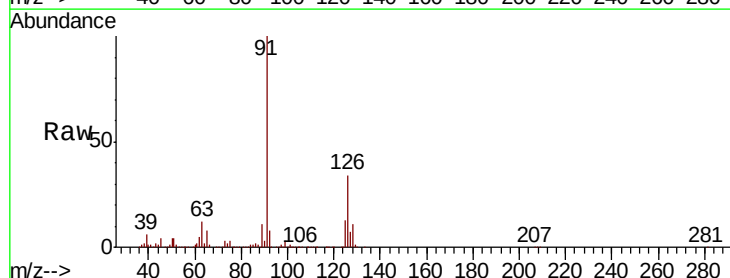
RT: 12.99 min Scan# 1871

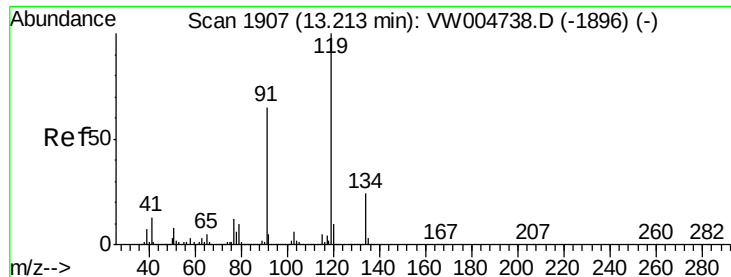
Delta R.T. -0.00 min

Lab File: VW004861.D

Acq: 22 Aug 2018 01:54

Tgt Ion:	91	Resp:	508933
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.7





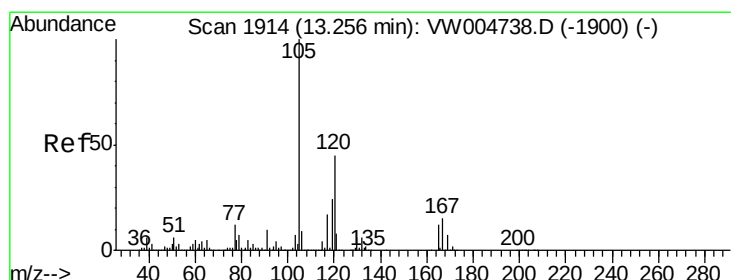
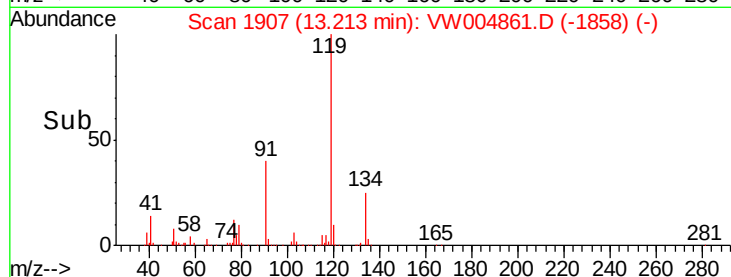
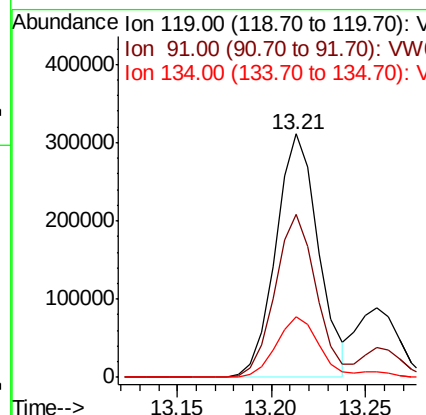
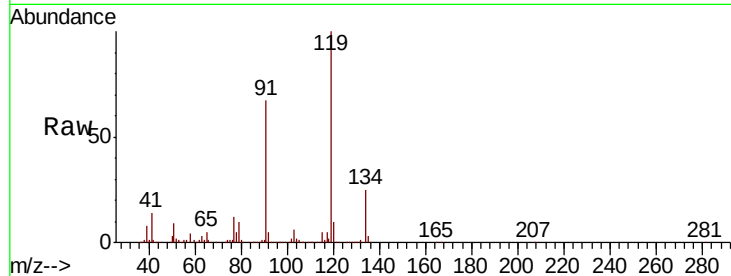
#83
 tert-Butylbenzene
 Concen: 21.88 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	32.6	97.8
134	24.8	13.1	39.3

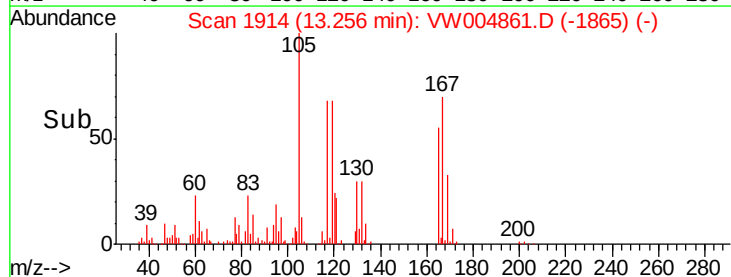
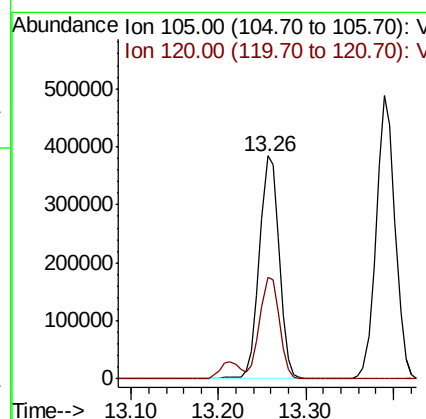
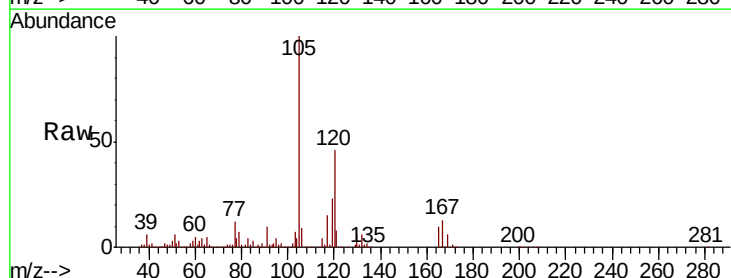
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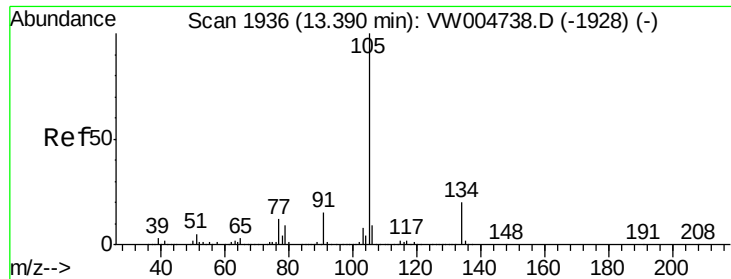
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.48 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3





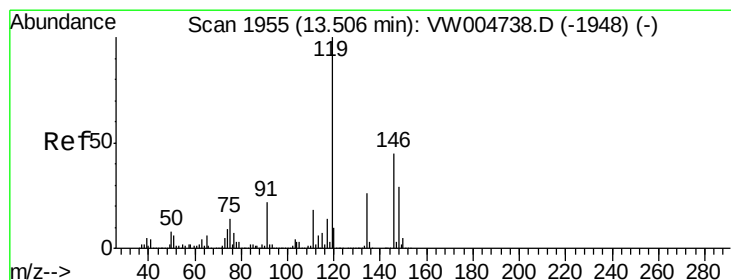
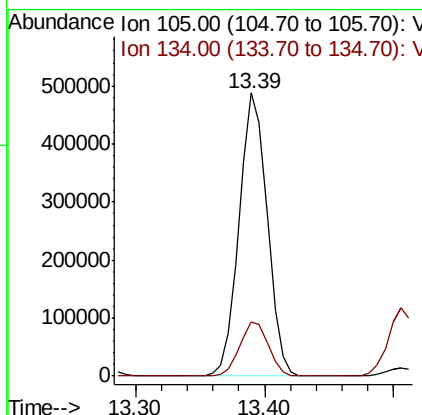
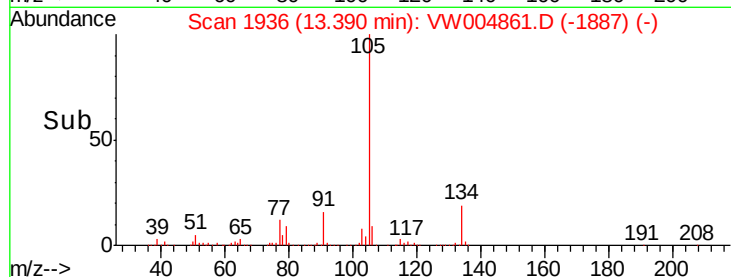
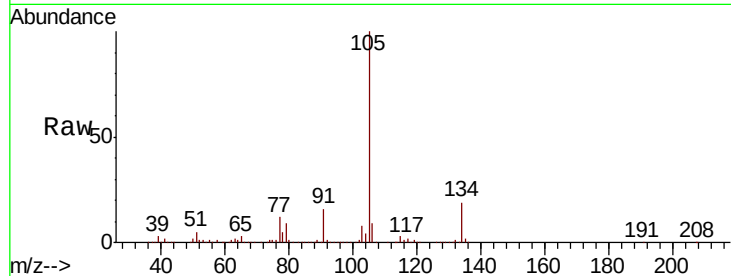
#85
 sec-Butylbenzene
 Concen: 22.12 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.0	29.8

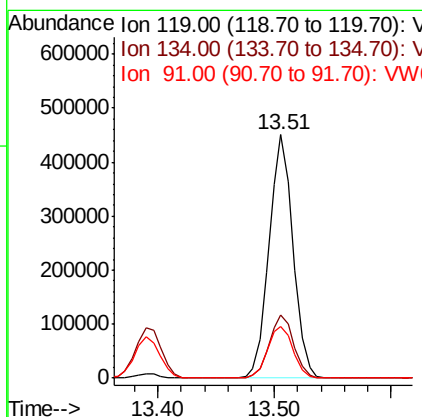
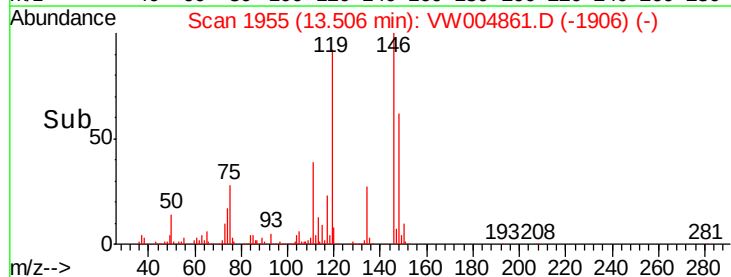
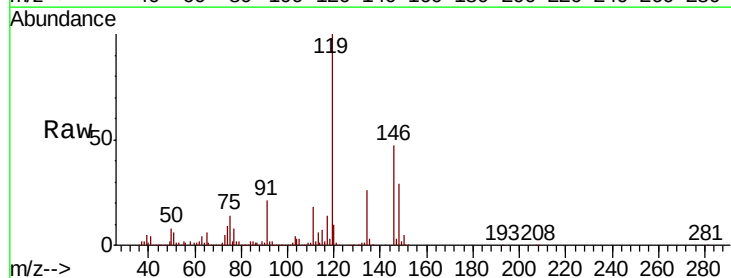
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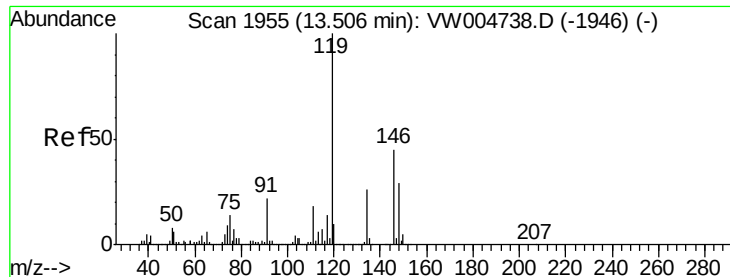
apatel
 8/22/2018 11:25:34 AM



#86
 p-Isopropyltoluene
 Concen: 22.20 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.3
91	22.4	11.2	33.5





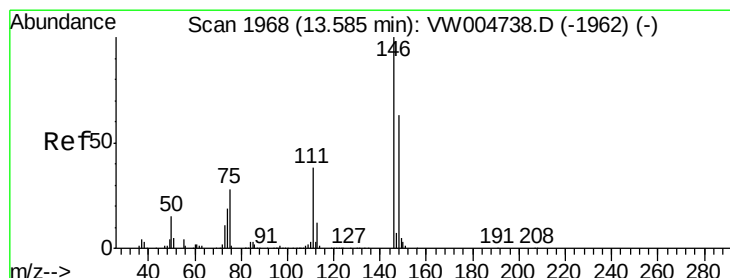
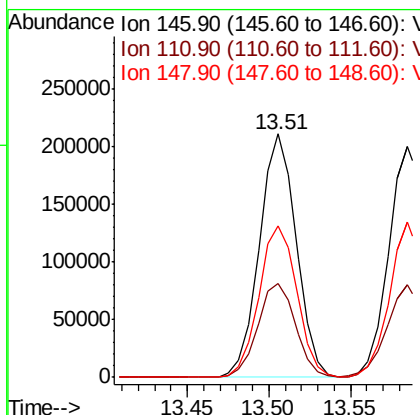
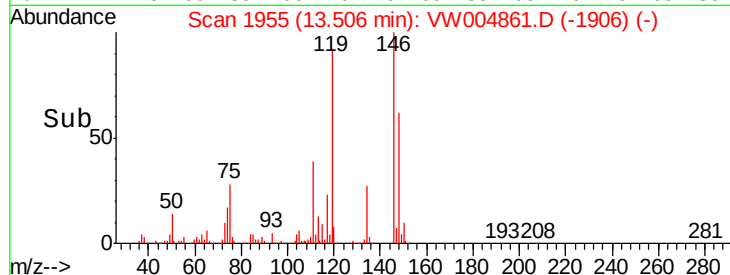
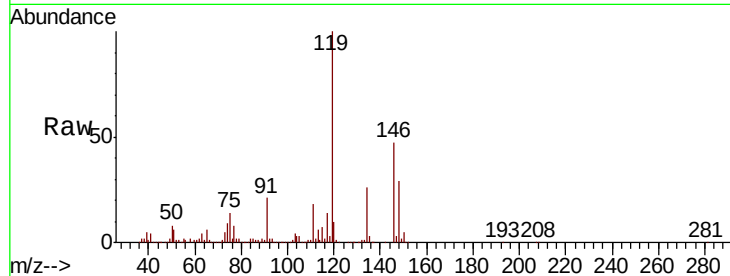
#87
 1,3-Dichlorobenzene
 Concen: 21.96 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	63.9	31.9	95.9

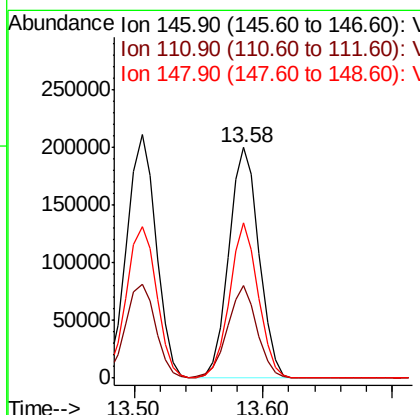
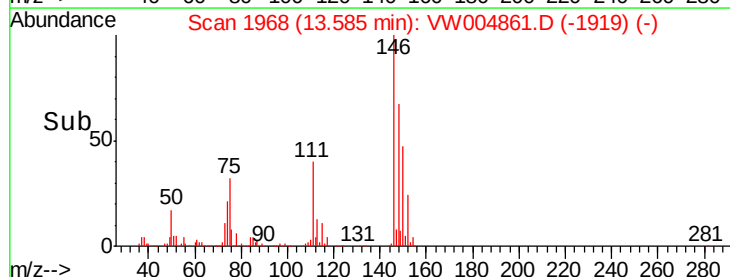
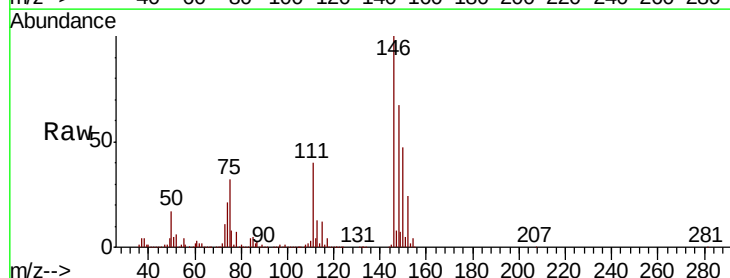
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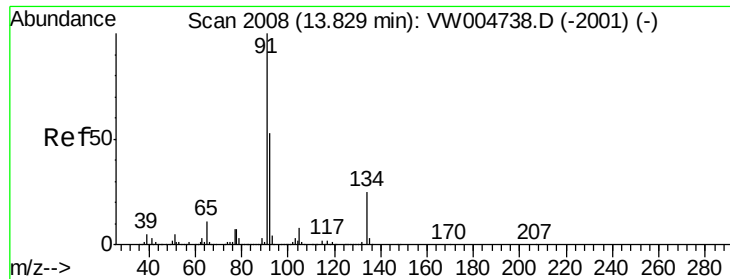
apatel
 8/22/2018 11:25:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 21.54 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.8
148	64.0	31.8	95.3





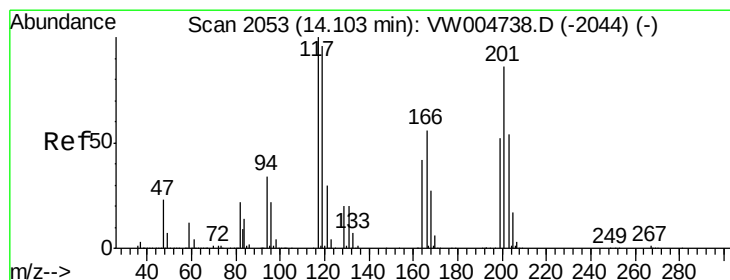
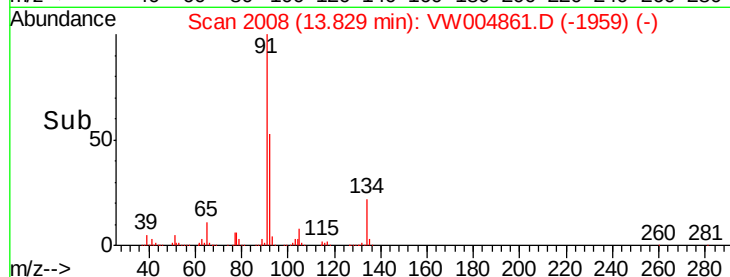
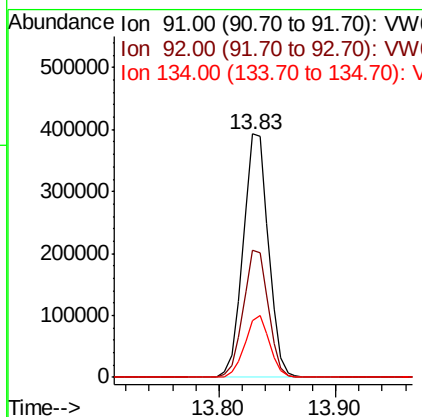
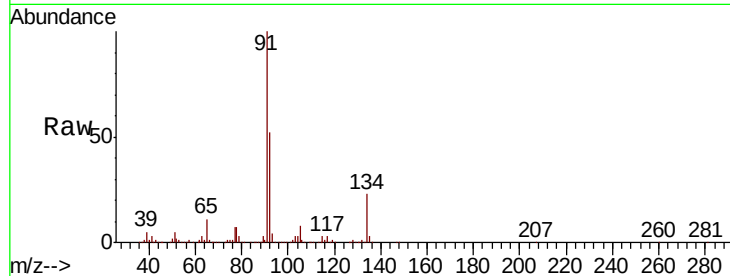
#89
n-Butylbenzene
Concen: 21.20 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.2
134	24.8	12.8	38.3

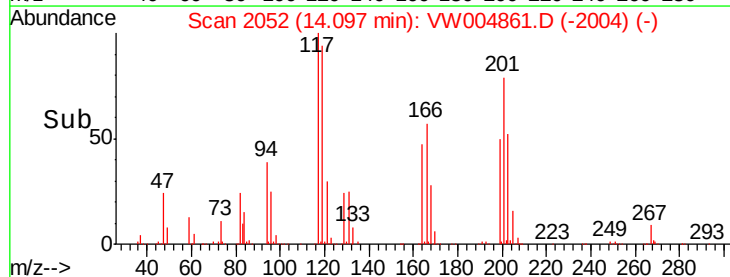
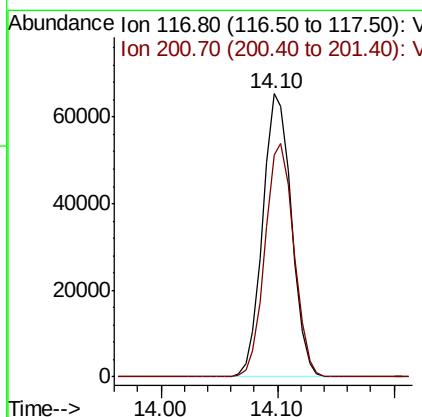
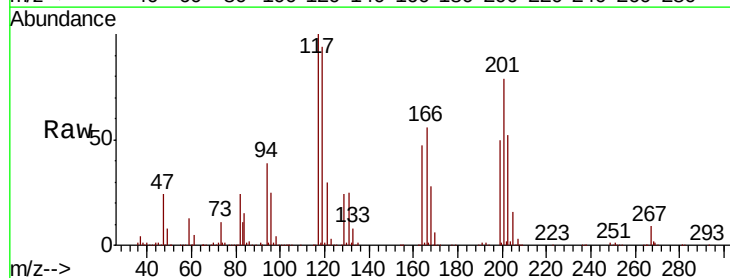
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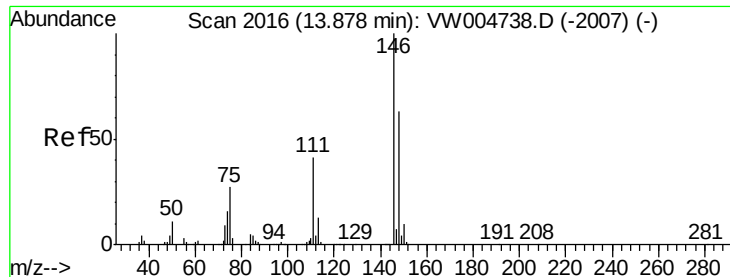
apatel
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#90
Hexachloroethane
Concen: 21.33 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.7	42.4	127.2





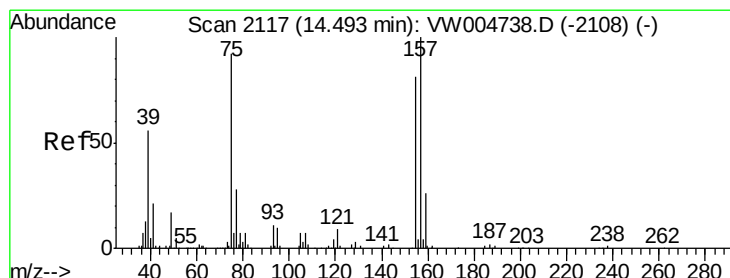
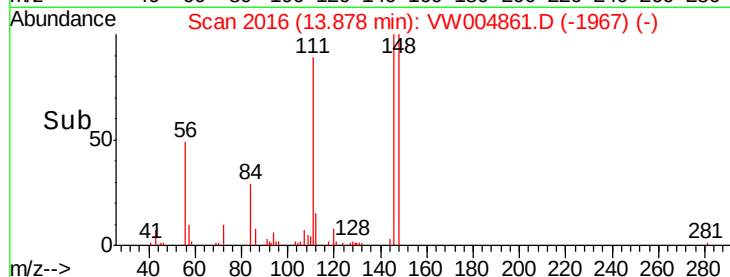
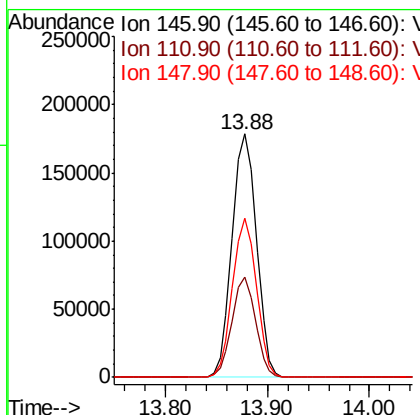
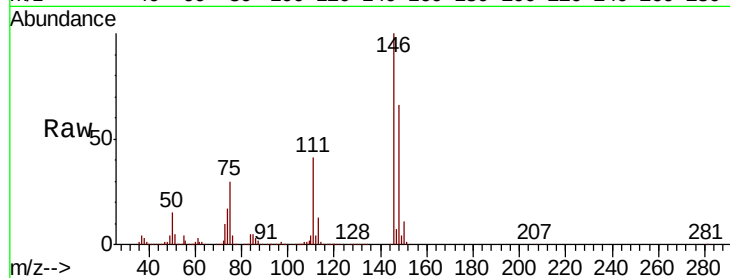
#91
 1,2-Dichlorobenzene
 Concen: 21.73 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	294813		
111	39.8	20.4	61.3	
148	64.3	31.6	95.0	

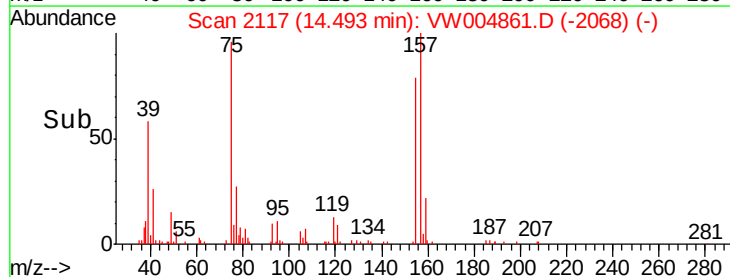
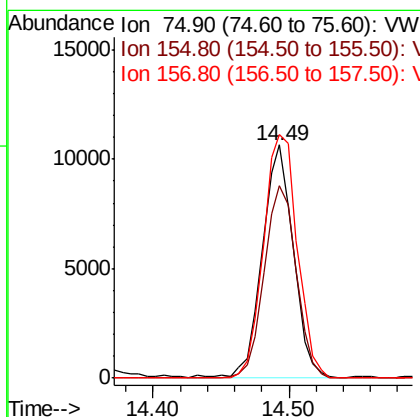
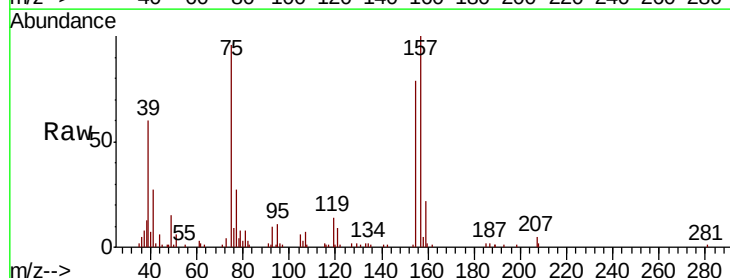
Manual Integrations
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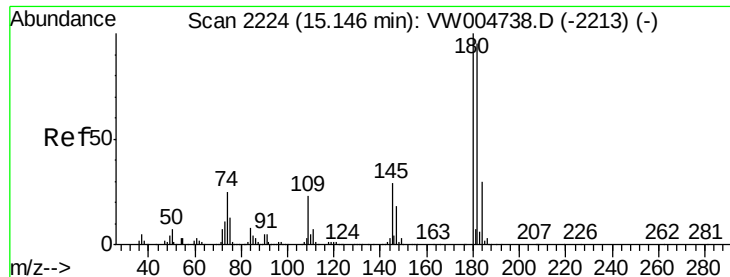
apatel
 8/22/2018 11:25:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.28 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17126		
155	85.0	43.3	129.9	
157	113.1	54.5	163.6	





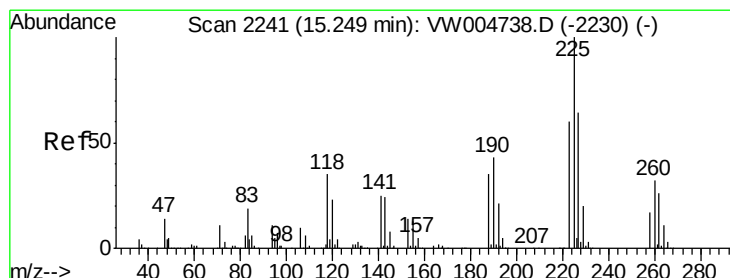
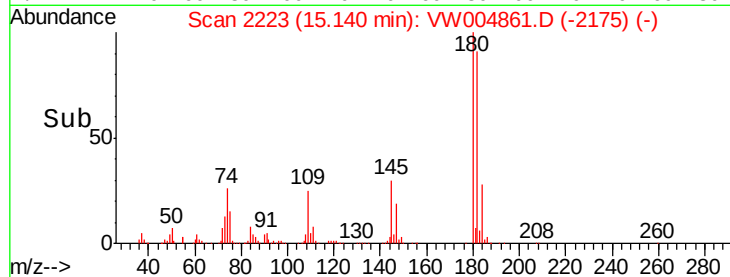
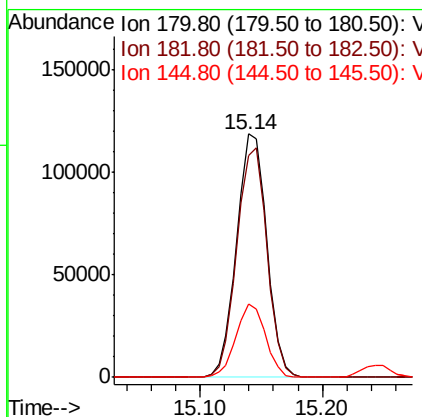
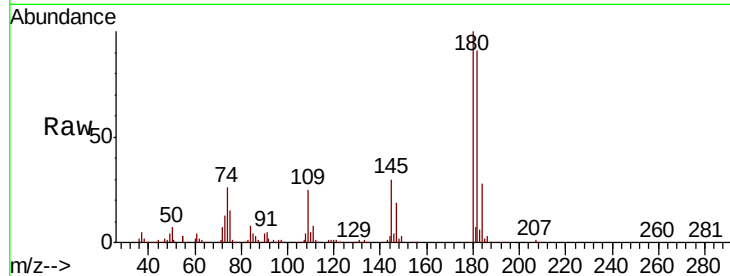
#93
 1,2,4-Trichlorobenzene
 Concen: 21.13 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS02

Tot Ion:	180	Resp:	202728
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.3	141.8
145	29.5	14.6	43.8

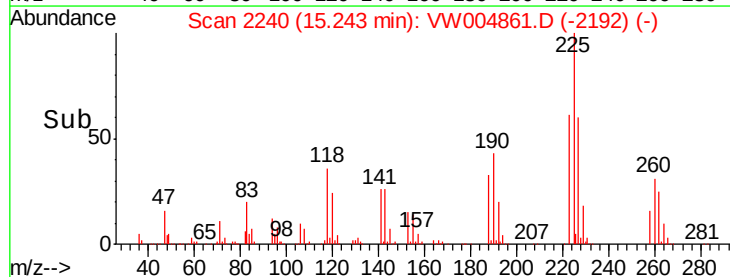
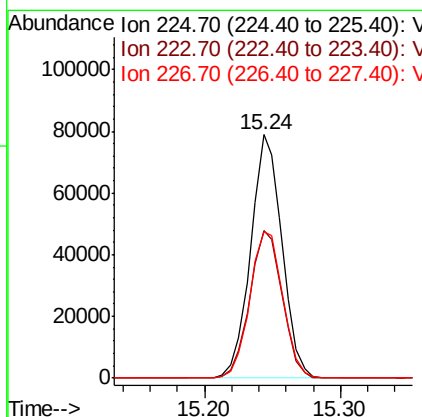
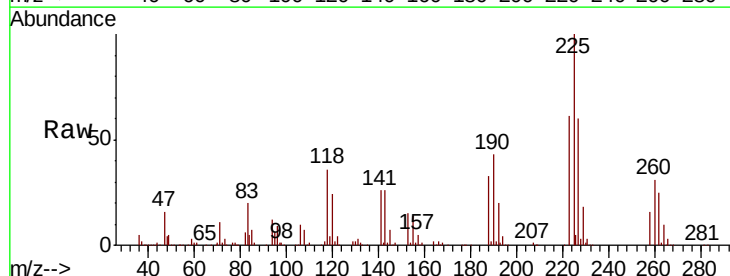
Manual Integrations
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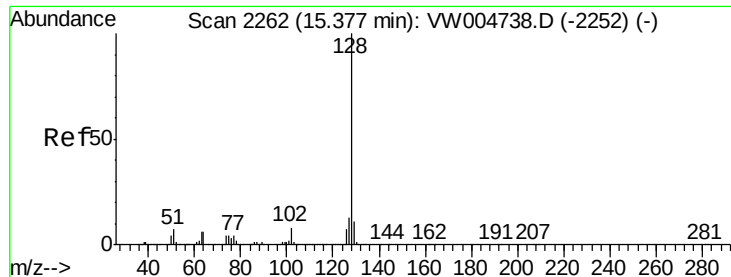
apatel
 8/22/2018 11:25:34 AM



#94
 Hexachlorobutadiene
 Concen: 21.63 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004861.D
 Acq: 22 Aug 2018 01:54

Tgt Ion:	225	Resp:	127416
Ion Ratio	Lower	Upper	
225	100		
223	62.6	30.9	92.5
227	63.4	32.0	96.0





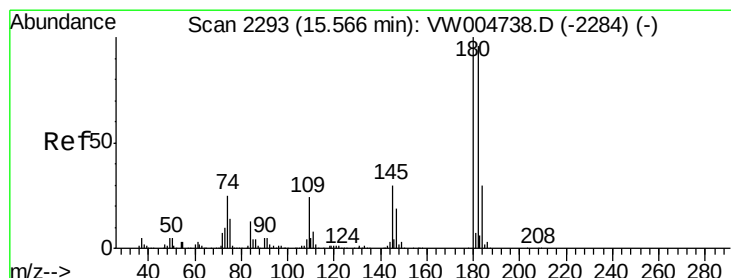
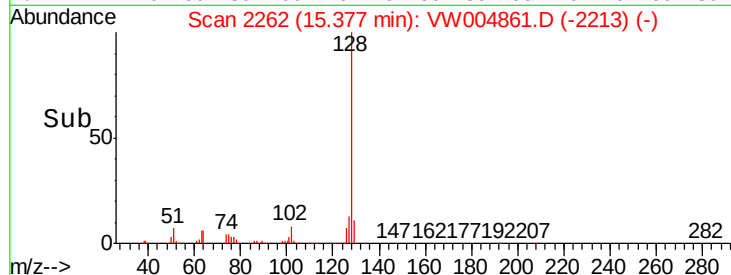
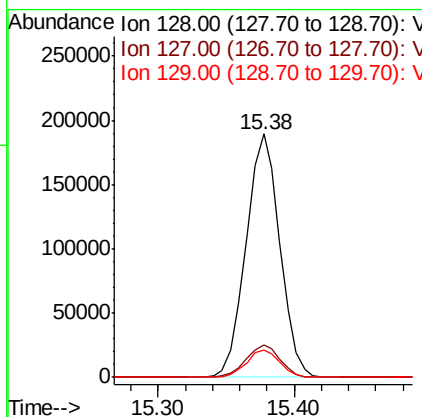
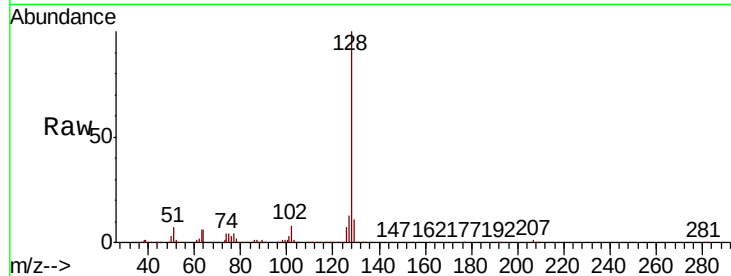
#95
Naphthalene
Concen: 20.02 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Instrument :
MSVOA_W
ClientSampled :
VW0821SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	330212		
127	13.4	10.4	15.6	
129	11.2	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.17 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004861.D
Acq: 22 Aug 2018 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	180167		
182	95.1	47.3	142.0	
145	31.0	15.4	46.1	

