

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004703.D
 Acq On : 15 Aug 2018 19:01
 Operator : SY/AP
 Sample : VW0817SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Manual Integrations
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 8/16/2018 10:01:28 AM

Quant Time: Aug 16 05:10:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	649668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	983957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	936657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	503059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	321505	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	
35) Dibromofluoromethane	7.88	113	324209	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.33	98	1255847	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.62	95	453932	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	100305m	22.50	ug/l	
3) Chloromethane	2.22	50	119672	19.27	ug/l	100
4) Vinyl Chloride	2.37	62	185287	21.35	ug/l	97
5) Bromomethane	2.78	94	109126	21.60	ug/l	96
6) Chloroethane	2.93	64	109177	21.06	ug/l	98
7) Trichlorofluoromethane	3.25	101	76288	23.81	ug/l	92
8) Diethyl Ether	3.68	74	81137	20.01	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	152791	21.59	ug/l	98
10) Methyl Iodide	4.27	142	220650	20.78	ug/l	100
11) Tert butyl alcohol	5.20	59	40196	95.46	ug/l	97
12) 1,1-Dichloroethene	4.04	96	148148	20.79	ug/l	94
13) Acrolein	3.89	56	44706	86.65	ug/l	98
14) Allyl chloride	4.67	41	216975	20.27	ug/l	100
15) Acrylonitrile	5.37	53	169976	94.35	ug/l	99
16) Acetone	4.13	43	171547	95.52	ug/l	99
17) Carbon Disulfide	4.37	76	472504	20.64	ug/l	98
18) Methyl Acetate	4.67	43	79861	17.83	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	191367	19.69	ug/l	98
20) Methylene Chloride	4.92	84	188822	15.39	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	156132	20.34	ug/l	100
22) Diisopropyl ether	6.32	45	454147	20.65	ug/l	99
23) Vinyl Acetate	6.26	43	1246296	94.27	ug/l	99
24) 1,1-Dichloroethane	6.21	63	285757	20.30	ug/l	99
25) 2-Butanone	7.18	43	257152	89.01	ug/l	98
26) 2,2-Dichloropropane	7.17	77	155099	20.99	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	170522	20.64	ug/l	99
28) Bromochloromethane	7.51	49	118900	19.41	ug/l	97
29) Tetrahydrofuran	7.54	42	131183	87.83	ug/l	99
30) Chloroform	7.68	83	282227	20.41	ug/l	98
31) Cyclohexane	7.96	56	267157	19.83	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	218586	21.04	ug/l	99
36) 1,1-Dichloropropene	8.09	75	228534	21.57	ug/l	100
37) Ethyl Acetate	7.26	43	91111	18.36	ug/l	99
38) Carbon Tetrachloride	8.07	117	206424	21.65	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	273076	21.03	ug/l	100
40) Benzene	8.32	78	661087	21.25	ug/l	99
41) Methacrylonitrile	7.49	41	49539	17.88	ug/l	96
42) 1,2-Dichloroethane	8.40	62	173655	20.17	ug/l	99
43) Isopropyl Acetate	8.43	43	158620	18.34	ug/l	97
44) Trichloroethene	9.10	130	162998	21.32	ug/l	97
45) 1,2-Dichloropropane	9.37	63	160187	20.56	ug/l	100
46) Dibromomethane	9.46	93	80262	20.24	ug/l	98
47) Bromodichloromethane	9.65	83	190104	20.31	ug/l	99
48) Methyl methacrylate	9.44	41	75186	18.60	ug/l	98
49) 1,4-Dioxane	9.46	88	23578	389.64	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	564973	93.84	ug/l	100
52) Toluene	10.39	92	398636	21.73	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	187272	19.92	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	223774	20.43	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	115101	20.25	ug/l	99
56) Ethyl methacrylate	10.65	69	128372	18.86	ug/l	99
57) 1,3-Dichloropropane	10.94	76	198582	20.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	323088	95.13	ug/l	100
59) 2-Hexanone	10.98	43	378763	92.79	ug/l	99
60) Dibromochloromethane	11.13	129	126077	20.39	ug/l	100
61) 1,2-Dibromoethane	11.24	107	107628	20.15	ug/l	100
64) Tetrachloroethene	10.87	164	139823	21.40	ug/l	96
65) Chlorobenzene	11.66	112	440497	21.34	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	146585	20.86	ug/l	99
67) Ethyl Benzene	11.74	91	746013	21.32	ug/l	98
68) m/p-Xylenes	11.85	106	594228	43.94	ug/l	98
69) o-Xylene	12.17	106	270648	21.58	ug/l	100
70) Styrene	12.19	104	465211	21.95	ug/l	99
71) Bromoform	12.35	173	76951	19.92	ug/l #	100
73) Isopropylbenzene	12.47	105	748817	21.52	ug/l	100
74) N-amyl acetate	12.28	43	154338	18.29	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	141018	19.41	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	91803m	17.64	ug/l	
77) Bromobenzene	12.75	156	180812	21.48	ug/l	95
78) n-propylbenzene	12.81	91	935245	21.78	ug/l	100
79) 2-Chlorotoluene	12.90	91	528057	21.25	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	650476	21.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	38851	17.87	ug/l	97
82) 4-Chlorotoluene	12.99	91	572801	21.72	ug/l	99
83) tert-Butylbenzene	13.21	119	540720	21.72	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	679631	22.12	ug/l	100
85) sec-Butylbenzene	13.39	105	821111	21.86	ug/l	100
86) p-Isopropyltoluene	13.51	119	716872	22.03	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	373317	21.52	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	371301	21.50	ug/l	99
89) n-Butylbenzene	13.83	91	686849	21.48	ug/l	99
90) Hexachloroethane	14.10	117	126411	20.99	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	334681	21.27	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22032	18.56	ug/l	99

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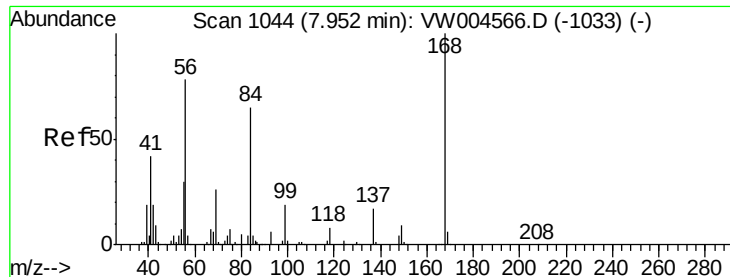
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	235673	21.63	ug/l	99
94) Hexachlorobutadiene	15.24	225	143216	22.57	ug/l	100
95) Naphthalene	15.38	128	393361	19.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	211781	21.63	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBS01

Tot Ion:168 Resp: 649668

Ion Ratio Lower Upper

168 100

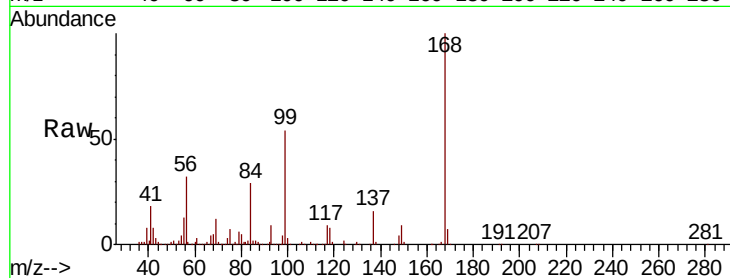
99 54.2 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

300000

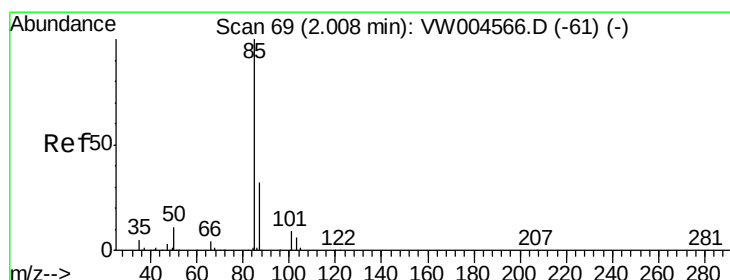
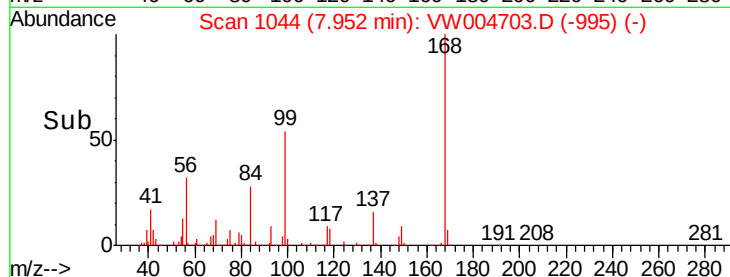
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.50 ug/l m

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004703.D

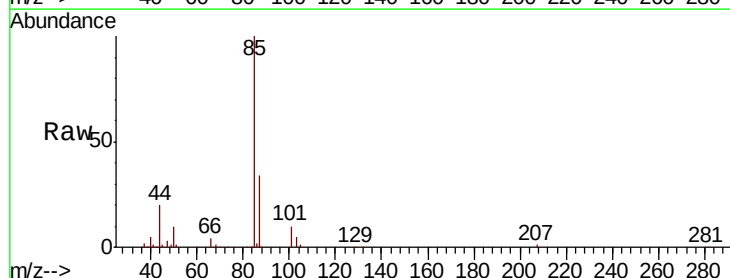
Acq: 15 Aug 2018 19:01

Tgt Ion: 85 Resp: 100305

Ion Ratio Lower Upper

85 100

87 33.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

25000

20000

15000

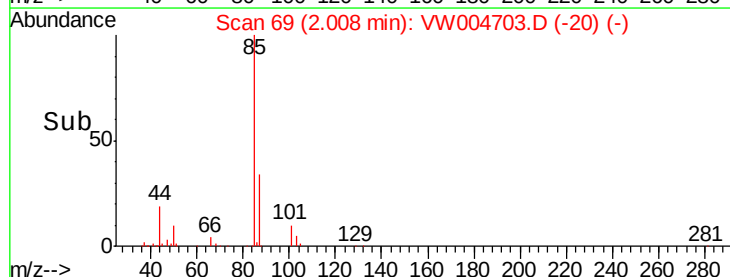
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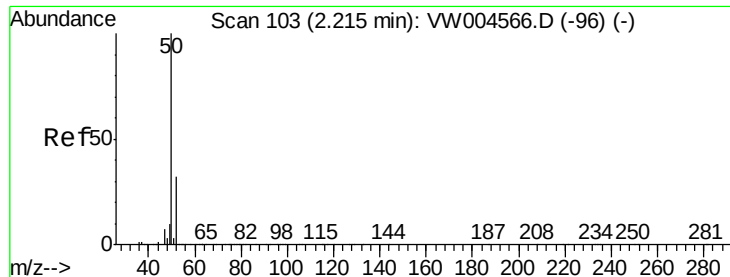
5000

0

1.80 2.00 2.20 2.40

Time-->





#3

Chloromethane

Concen: 19.27 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBS01

Tot Ion: 50 Resp: 119672

Ion Ratio Lower Upper

50 100

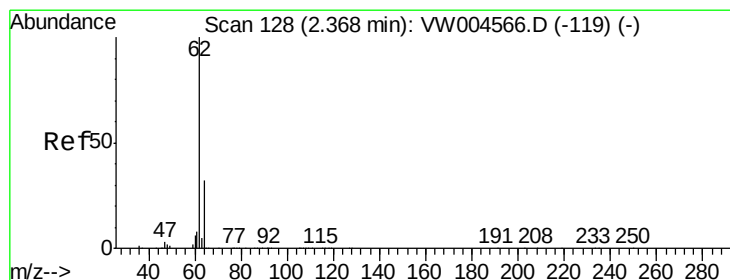
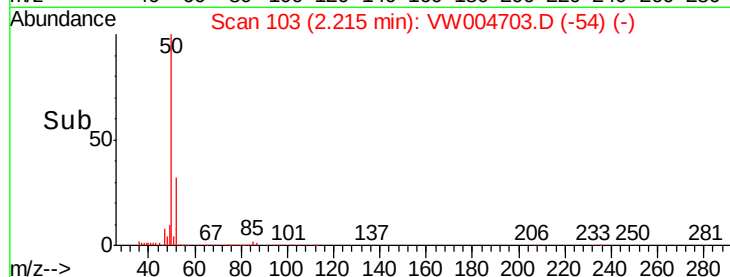
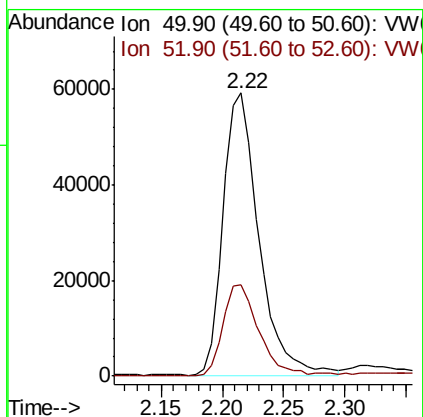
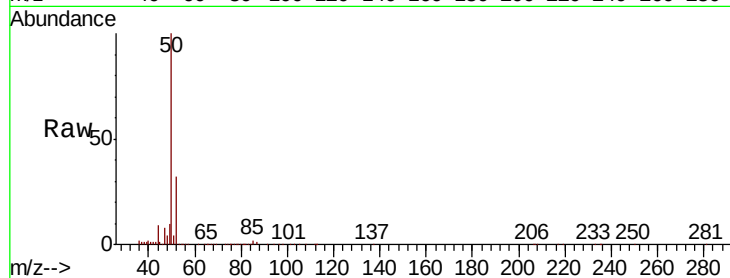
52 32.2 25.8 38.8

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#4

Vinyl Chloride

Concen: 21.35 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004703.D

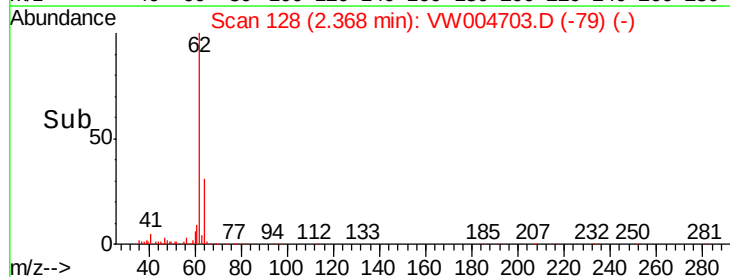
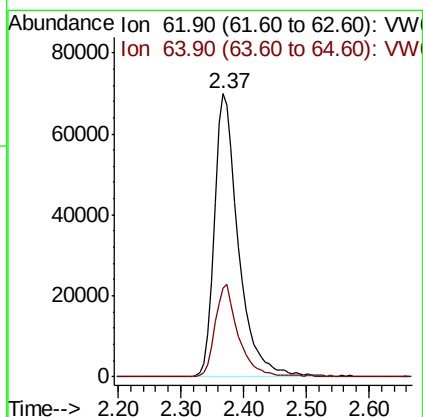
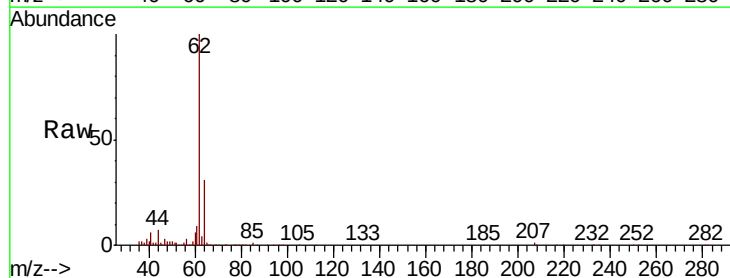
Acq: 15 Aug 2018 19:01

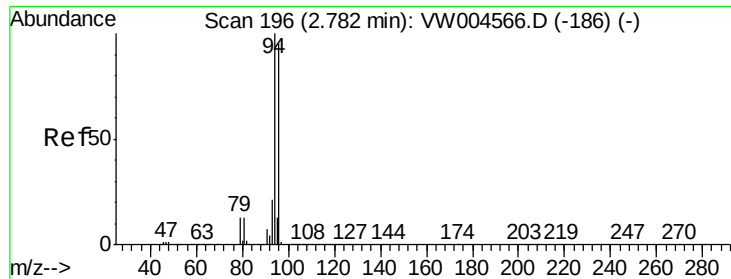
Tgt Ion: 62 Resp: 185287

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.2





#5

Bromomethane

Concen: 21.60 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

ClientSampled :

VW0817SBS01

Tot Ion: 94 Resp: 109126

Ion Ratio Lower Upper

94 100

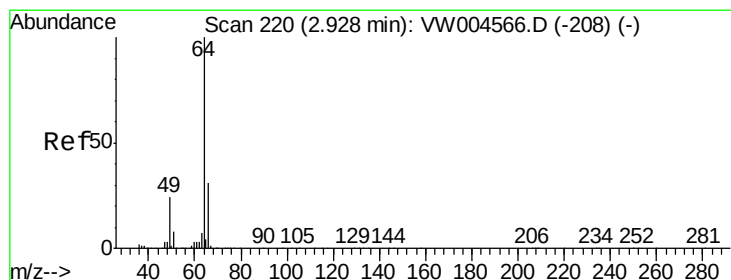
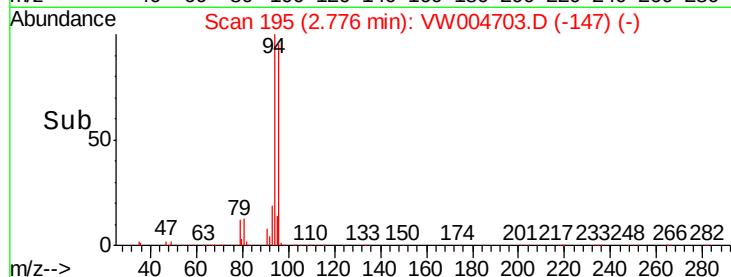
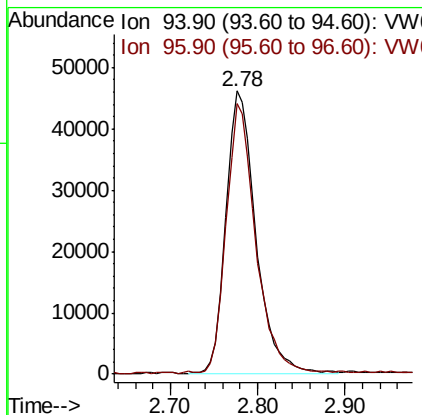
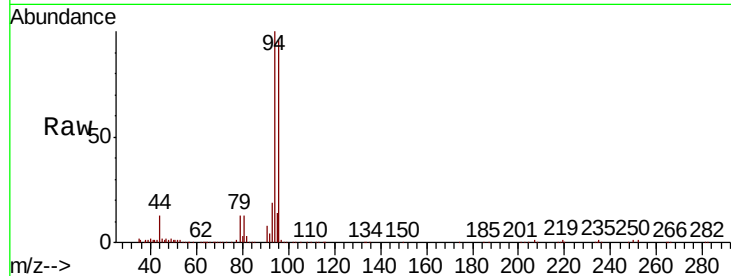
96 94.9 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 21.06 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004703.D

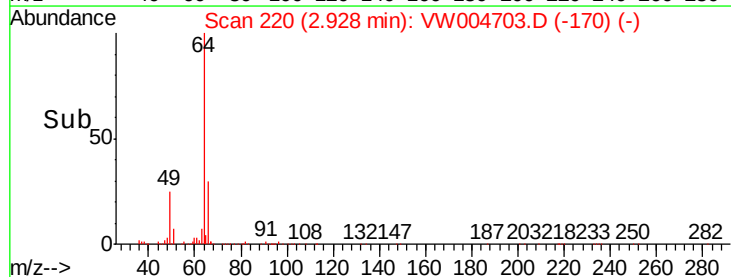
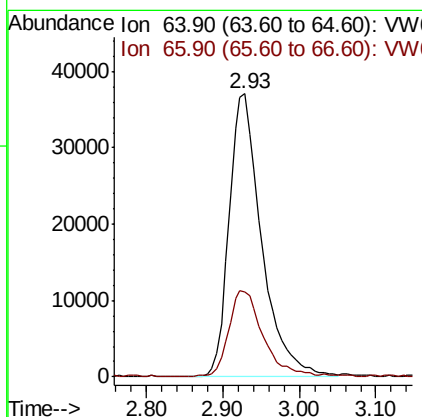
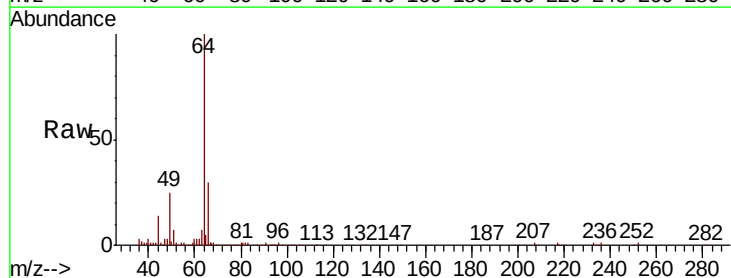
Acq: 15 Aug 2018 19:01

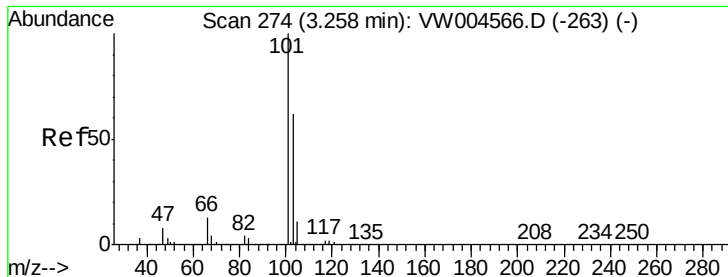
Tgt Ion: 64 Resp: 109177

Ion Ratio Lower Upper

64 100

66 29.7 24.6 36.8





#7

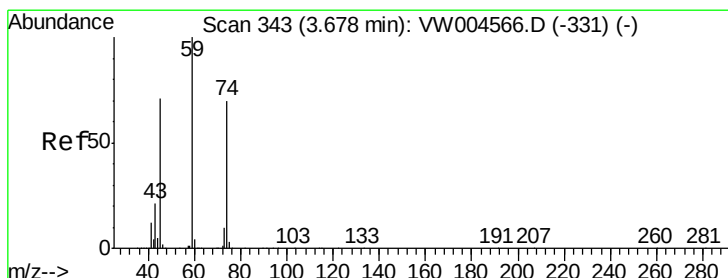
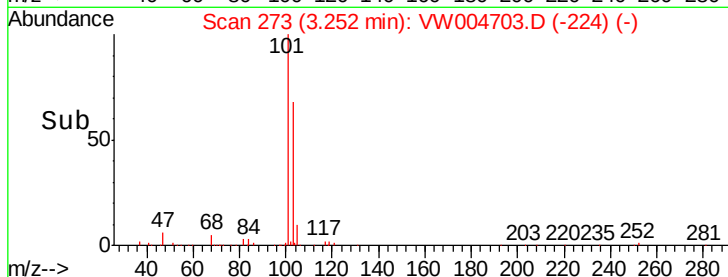
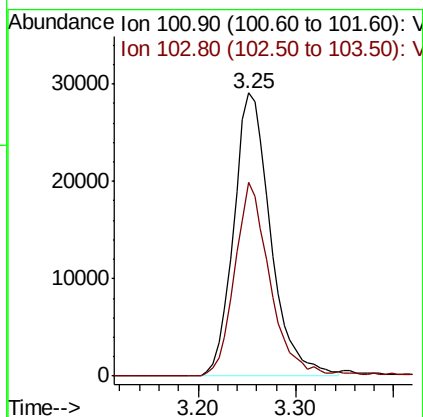
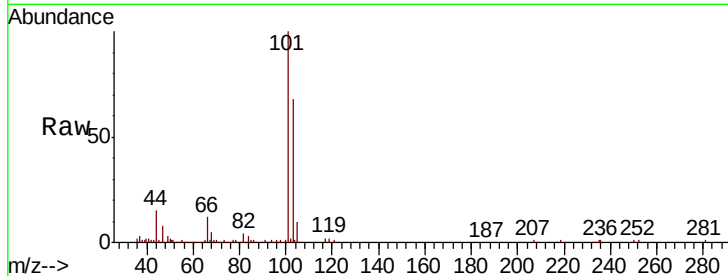
Trichlorofluoromethane
 Concen: 23.81 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
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 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.4	49.8	74.8

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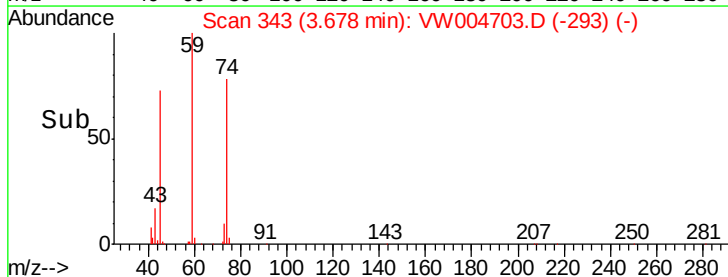
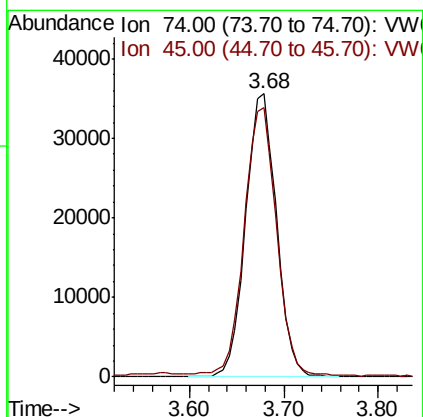
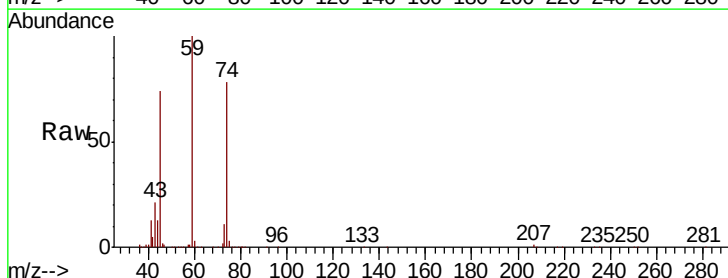
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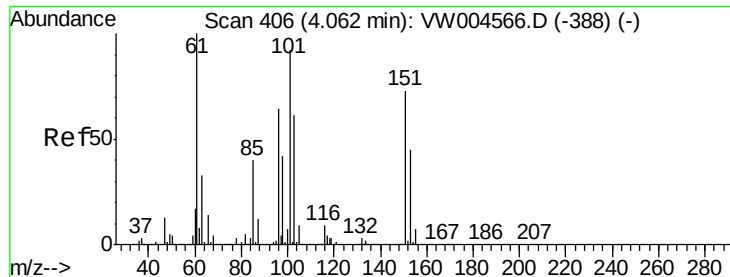


#8

Diethyl Ether
 Concen: 20.01 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.59 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

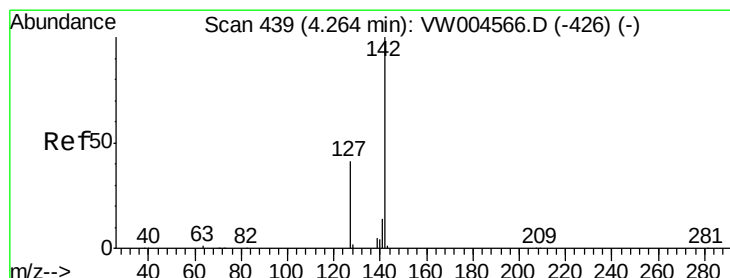
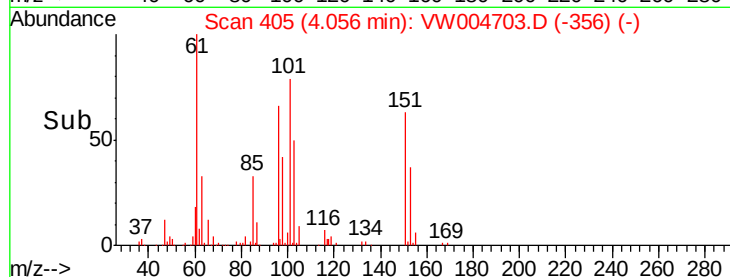
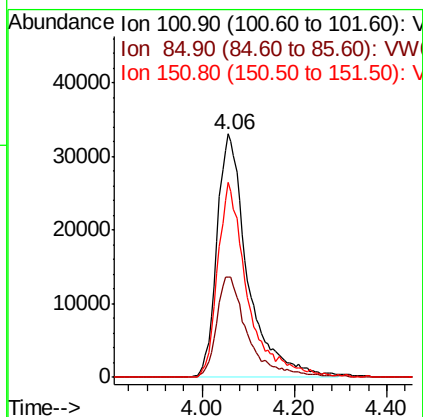
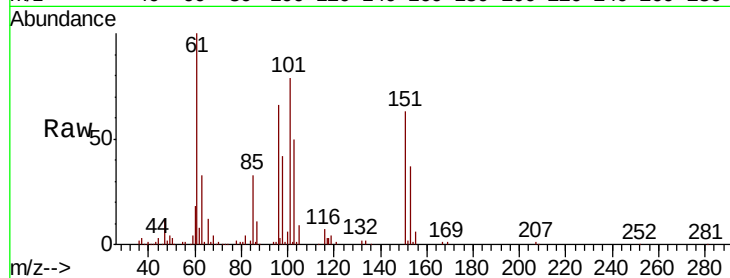
ClientSampleId :

VW0817SBS01

Tot Ion:	101	Resp:	152791
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.6	51.8
151	77.6	61.3	91.9

Manual Integrations
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#10

Methyl Iodide

Concen: 20.78 ug/l

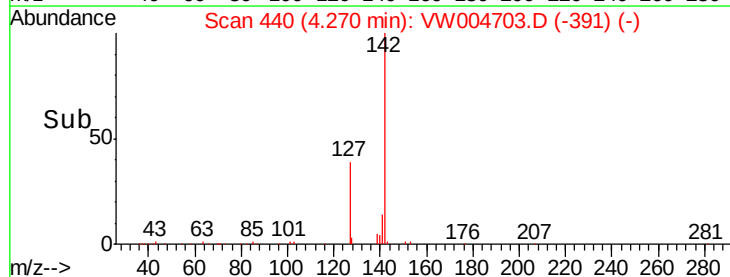
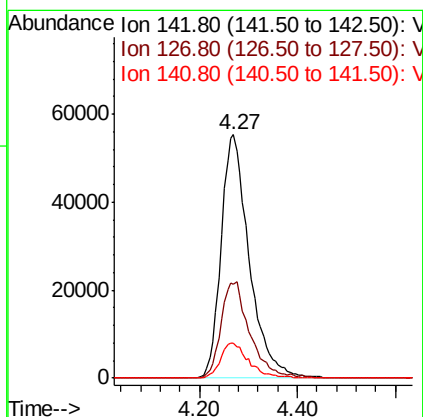
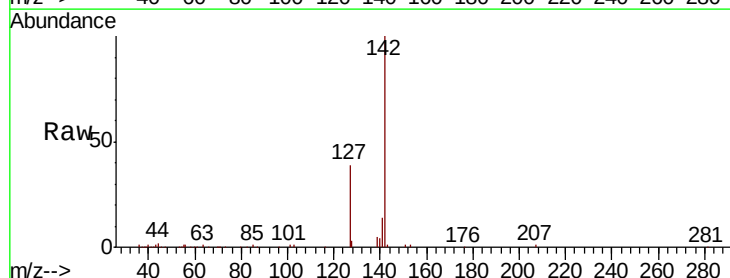
RT: 4.27 min Scan# 440

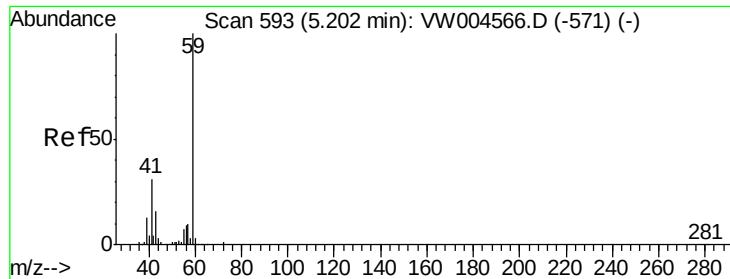
Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Tgt Ion:	142	Resp:	220650
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.7	49.1
141	14.4	11.5	17.3





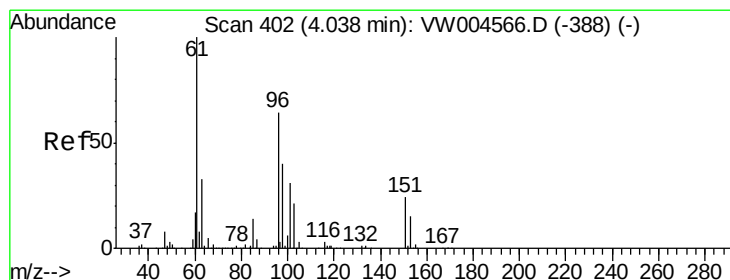
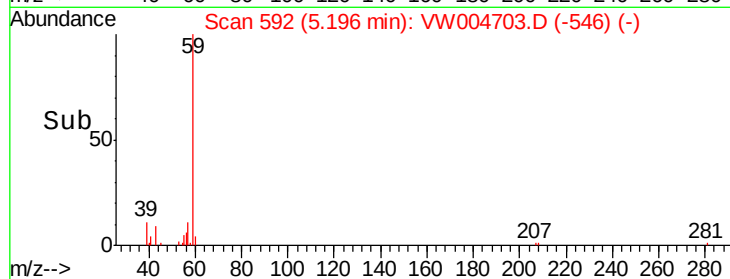
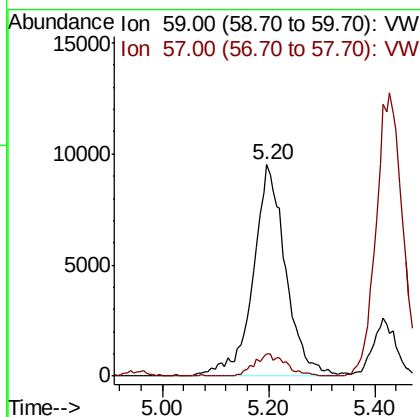
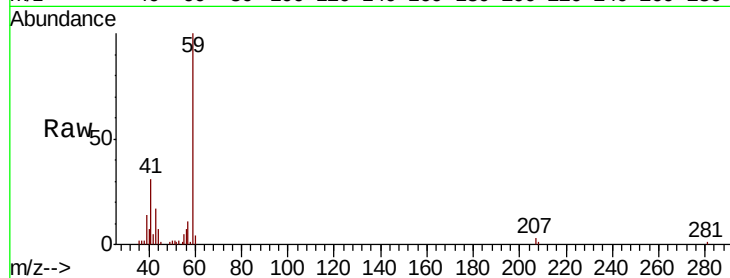
#11
Tert butyl alcohol
Concen: 95.46 ug/l
RT: 5.20 min Scan# 592
Delta R.T. -0.02 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	59	Resp	40196
Ion Ratio	100	Lower	Upper
57	10.3	9.1	13.7

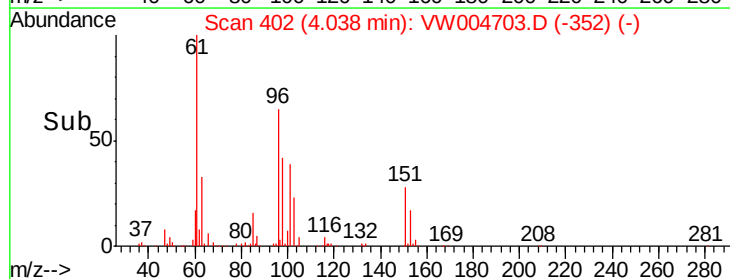
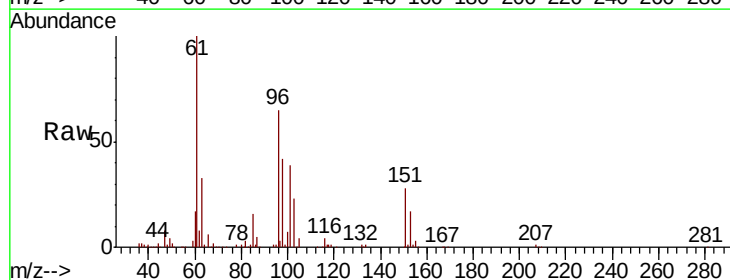
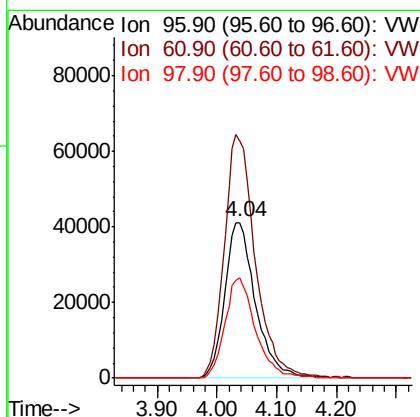
Manual Integrations
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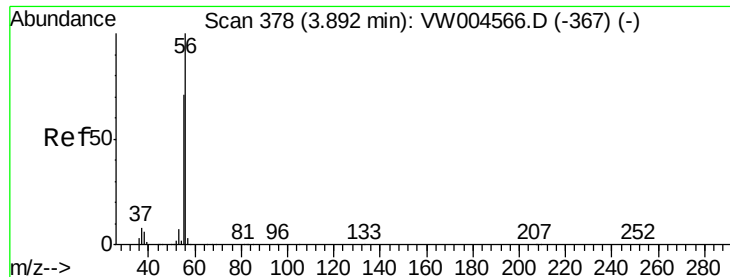
apatel
8/16/2018 10:01:28 AM



#12
1,1-Dichloroethene
Concen: 20.79 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	96	Resp	148148
Ion Ratio	100	Lower	Upper
61	152.7	130.6	195.8
98	64.0	49.6	74.4





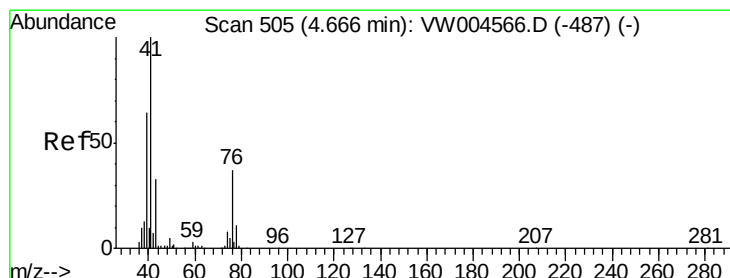
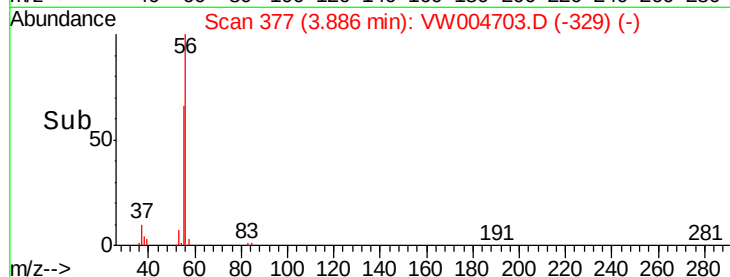
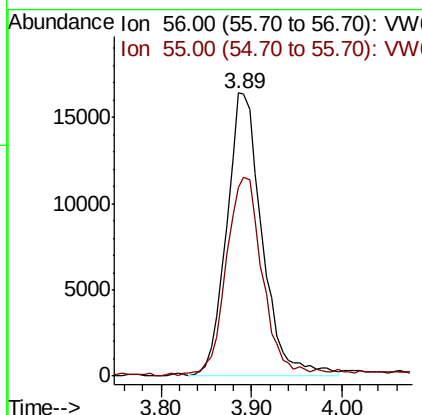
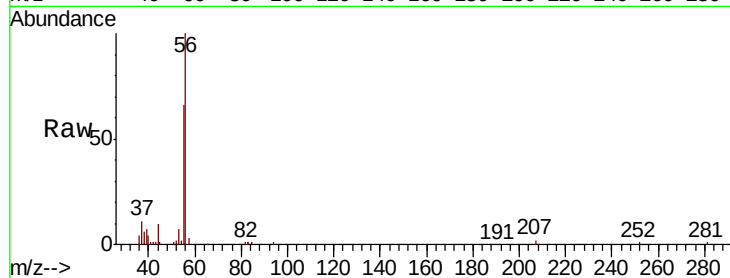
#13
Acrolein
Concen: 86.65 ug/l
RT: 3.89 min Scan# 377
Delta R.T. -0.01 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	56	Resp	44706
Ion Ratio	100	Lower	Upper
55	72.5	56.7	85.1

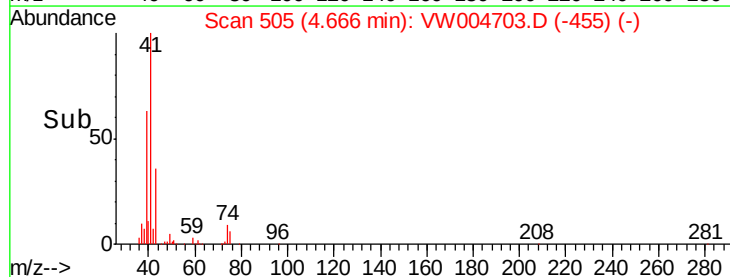
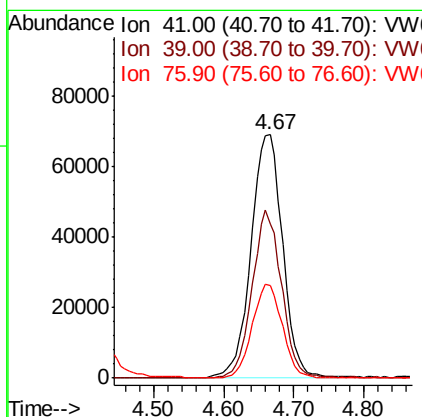
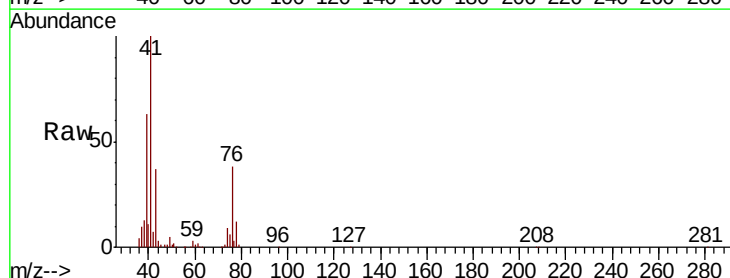
Manual Integrations
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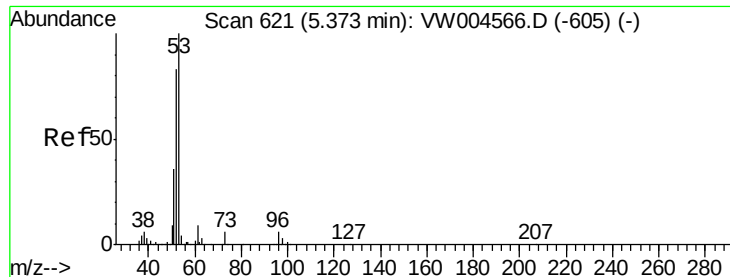
apatel
8/16/2018 10:01:28 AM



#14
Allyl chloride
Concen: 20.27 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.01 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	41	Resp	216975
Ion Ratio	100	Lower	Upper
39	64.5	51.9	77.9
76	36.2	29.0	43.6





#15

Acrylonitrile

Concen: 94.35 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

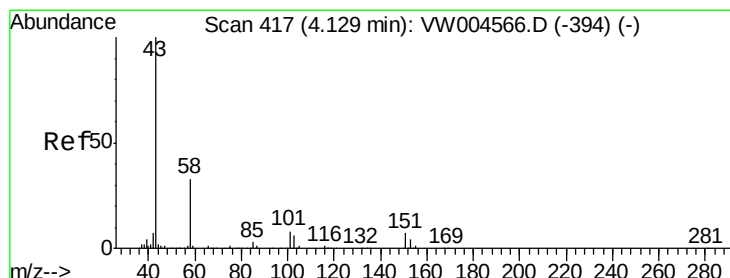
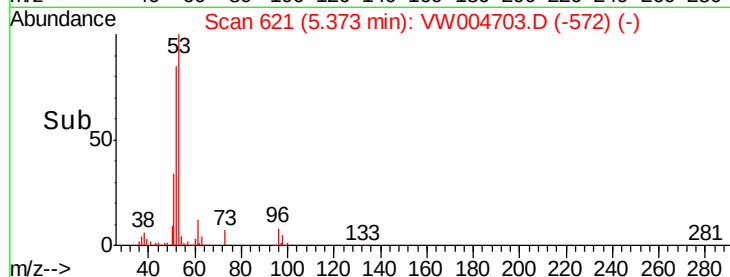
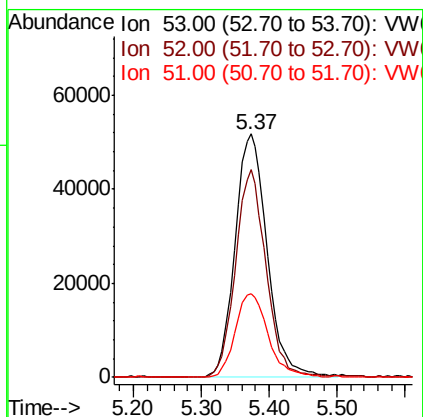
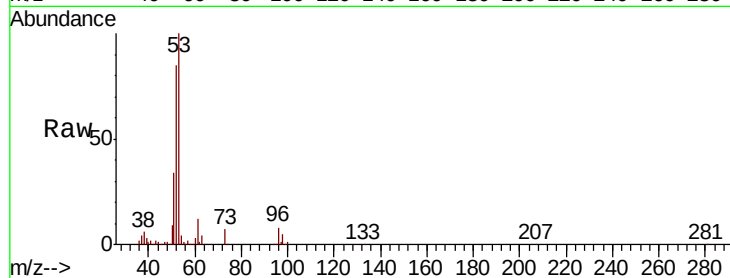
ClientSampleId :

VW0817SBS01

Tot Ion:	53	Resp:	169976
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.5	99.7
51	35.3	28.4	42.6

Manual Integrations
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apatel
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#16

Acetone

Concen: 95.52 ug/l

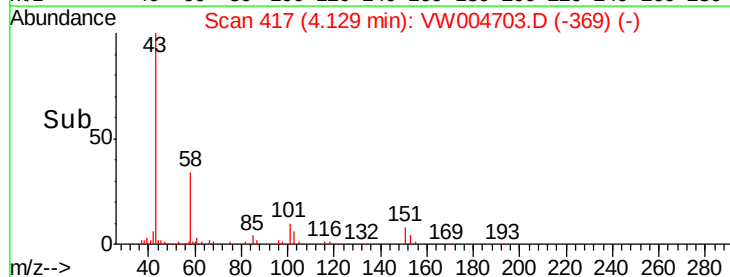
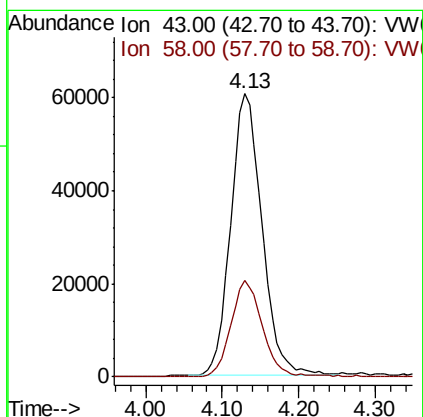
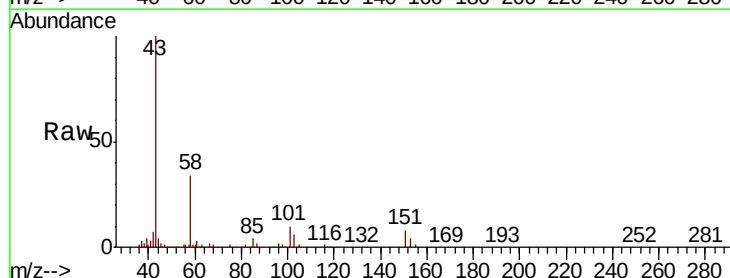
RT: 4.13 min Scan# 417

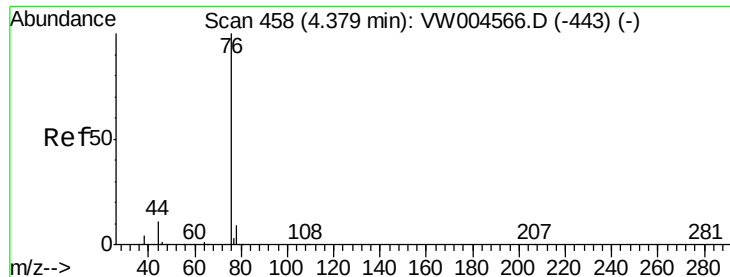
Delta R.T. -0.01 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Tgt Ion:	43	Resp:	171547
Ion Ratio	Lower	Upper	
43	100		
58	33.9	26.8	40.2





#17

Carbon Disulfide

Concen: 20.64 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBS01

Tot Ion: 76 Resp: 472504

Ion Ratio Lower Upper

76 100

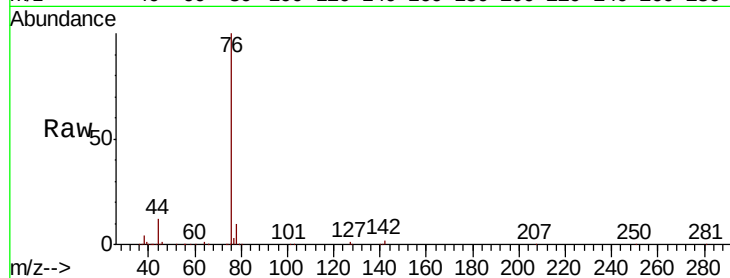
78 9.6 7.0 10.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

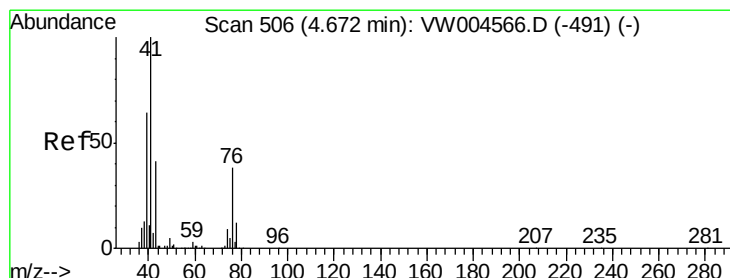
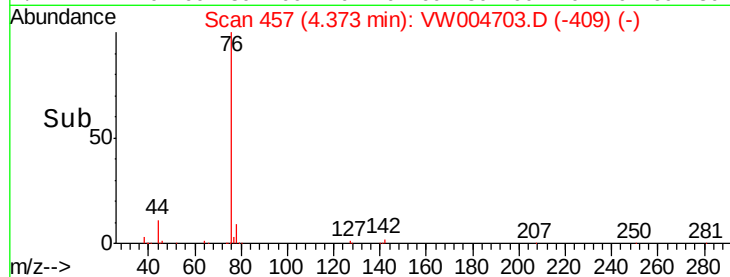
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 17.83 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004703.D

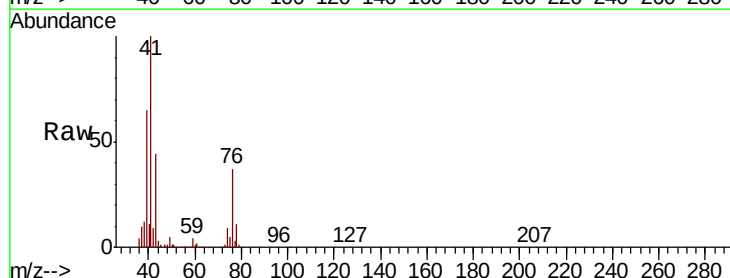
Acq: 15 Aug 2018 19:01

Tgt Ion: 43 Resp: 79861

Ion Ratio Lower Upper

43 100

74 24.6 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

30000

25000

20000

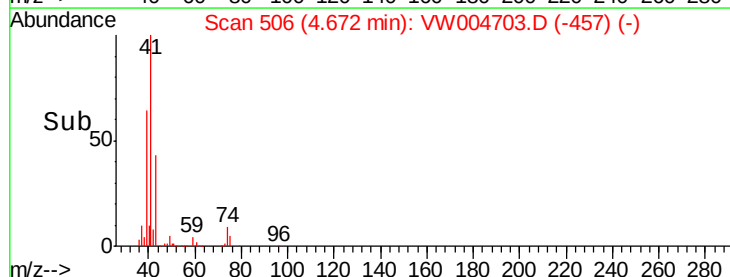
15000

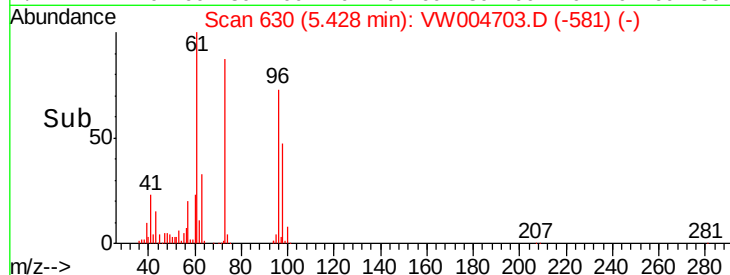
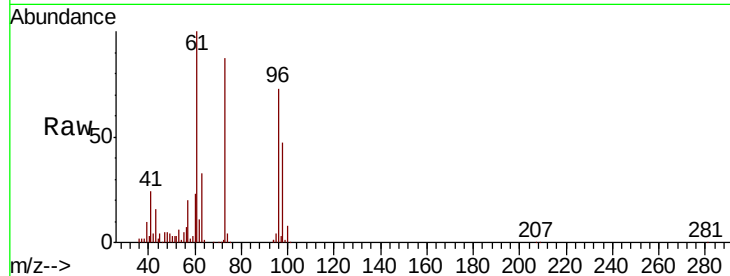
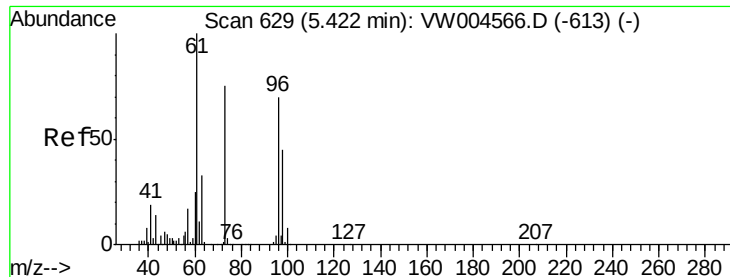
10000

5000

0

Time-->





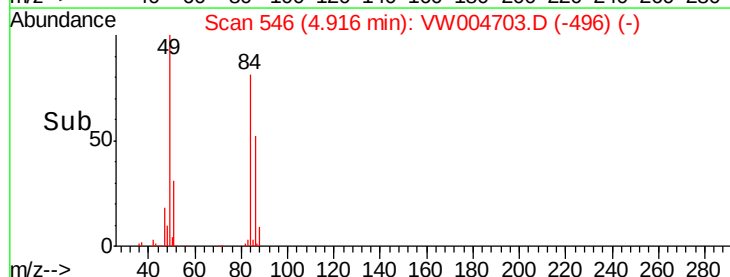
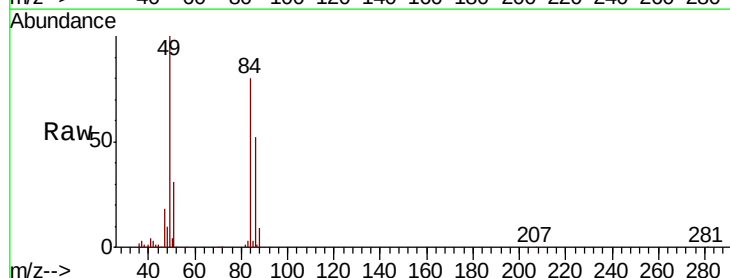
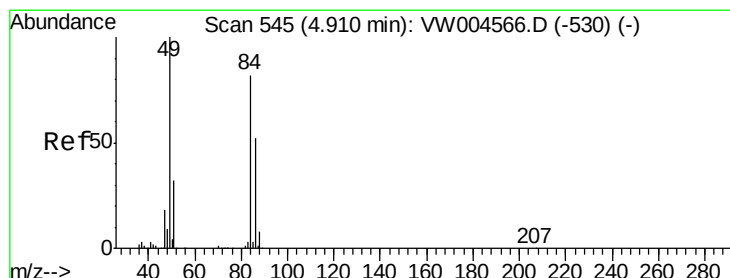
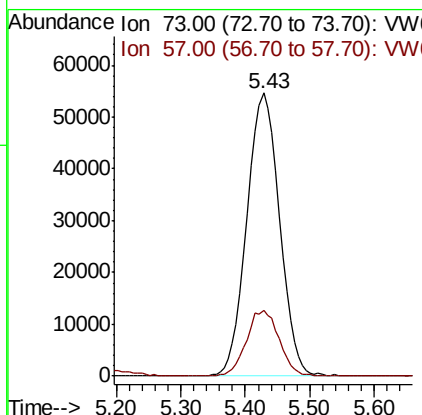
#19
Methyl tert-butyl Ether
Concen: 19.69 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	19.6	29.4

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

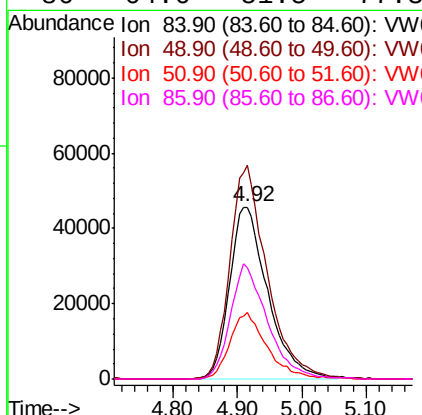
Manual Integrations
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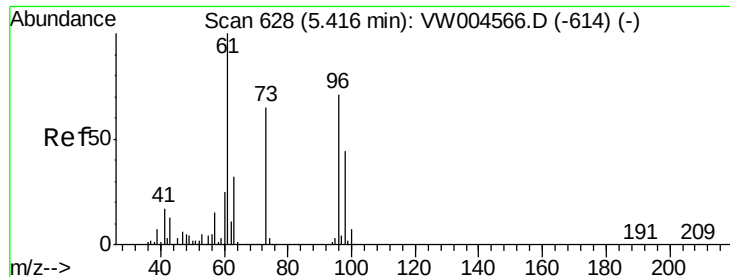
apatel
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#20
Methylene Chloride
Concen: 15.39 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	99.6	149.4
51	38.8	31.0	46.4
86	64.6	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 20.34 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

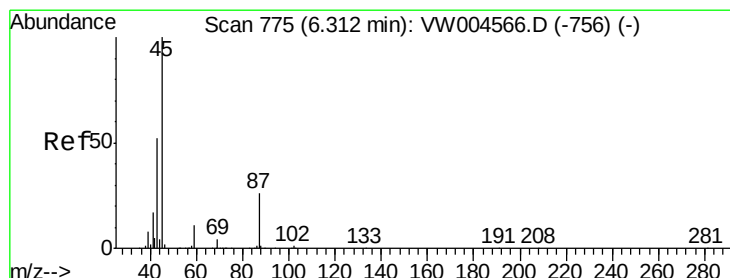
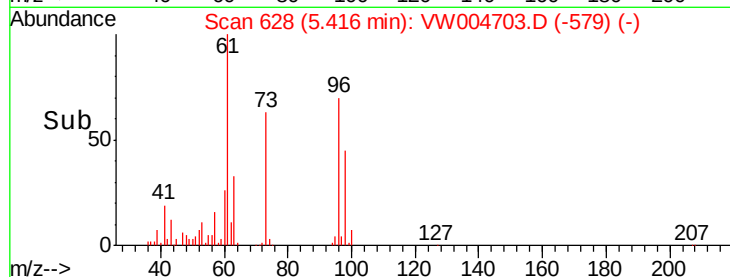
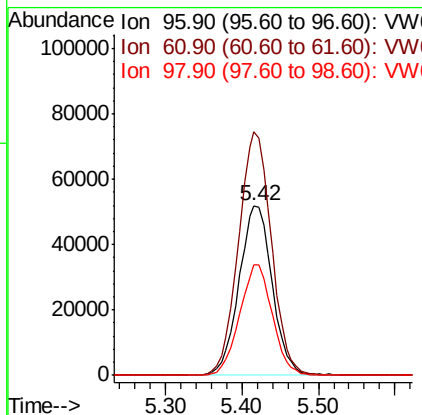
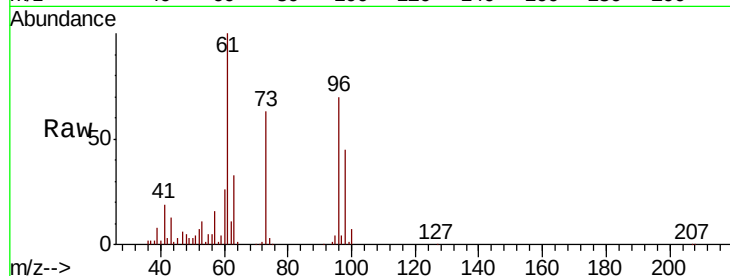
ClientSampleId :

VW0817SBS01

Tot Ion:	96	Resp:	156132
Ion	Ratio	Lower	Upper
96	100		
61	143.2	114.1	171.1
98	64.7	51.4	77.2

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#22

Diisopropyl ether

Concen: 20.65 ug/l

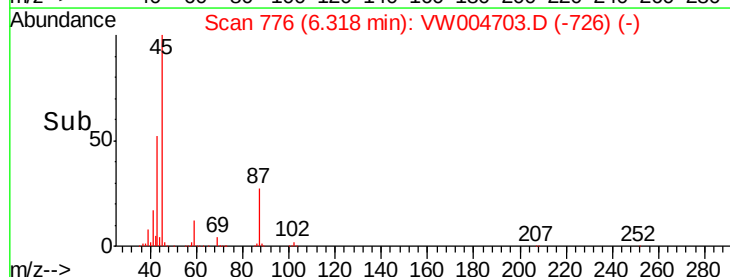
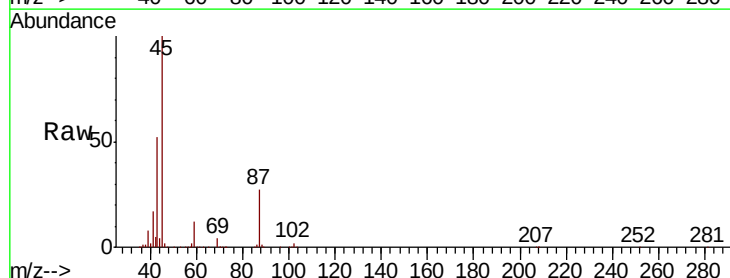
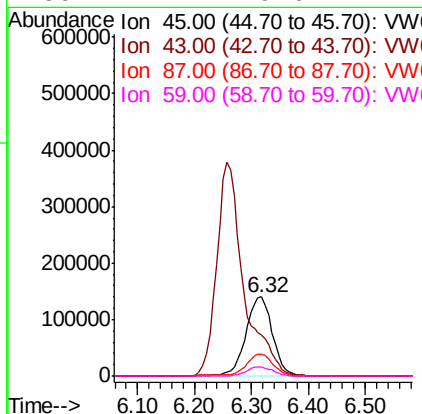
RT: 6.32 min Scan# 776

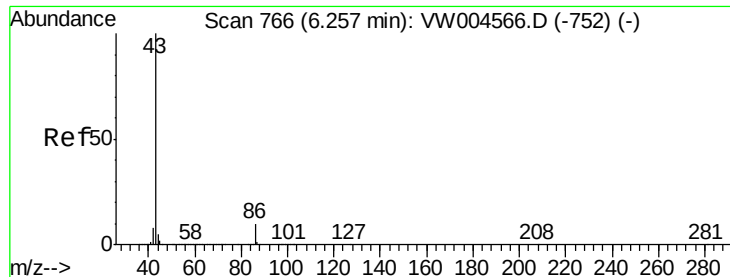
Delta R.T. 0.01 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Tgt Ion:	45	Resp:	454147
Ion	Ratio	Lower	Upper
45	100		
43	51.4	42.4	63.6
87	26.9	21.6	32.4
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 94.27 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBS01

Tot Ion: 43 Resp: 1246296

Ion Ratio Lower Upper

43 100

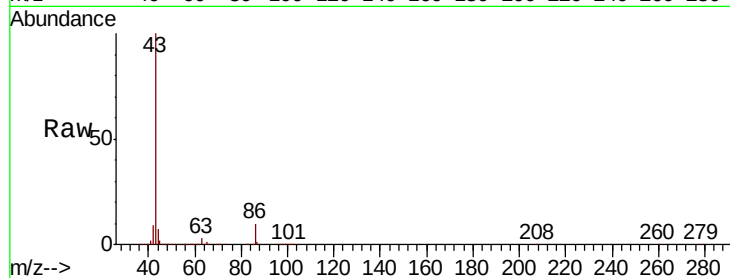
86 10.4 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

400000

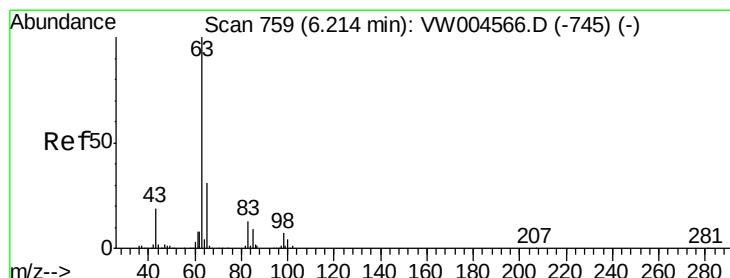
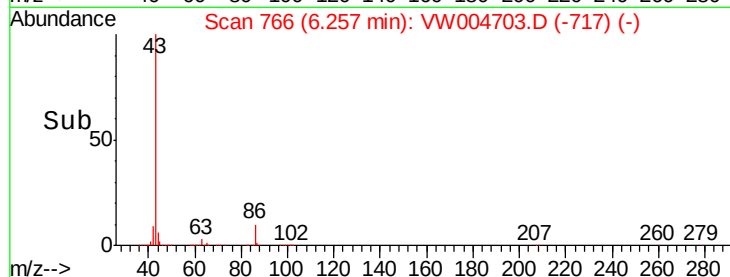
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.30 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

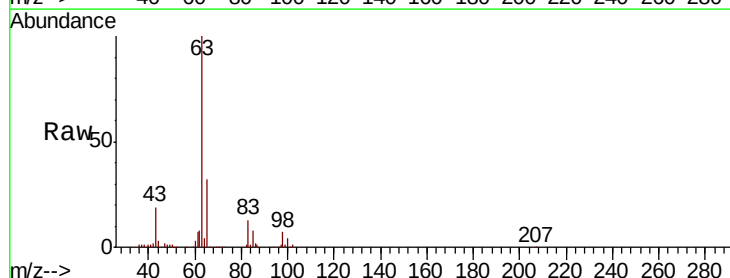
Tgt Ion: 63 Resp: 285757

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 4.2 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

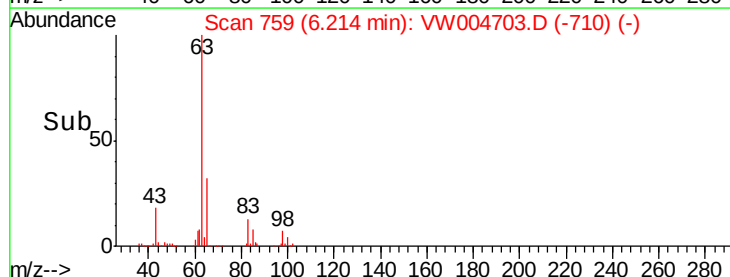
60000

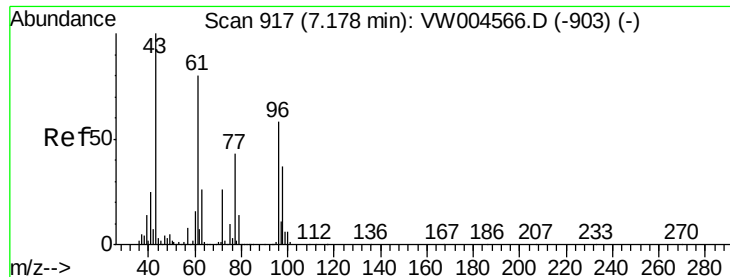
40000

20000

0

Time-->





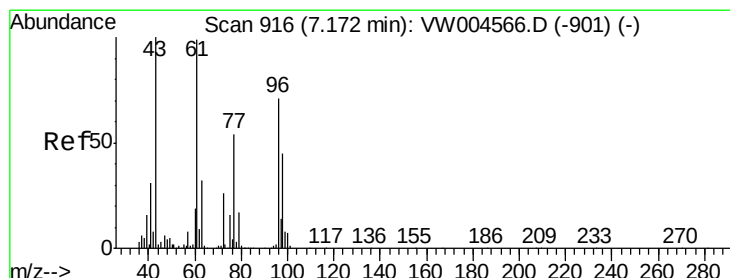
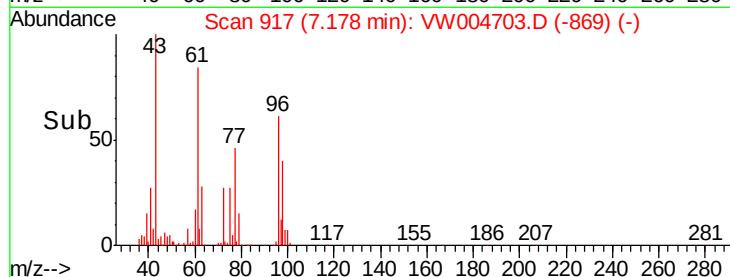
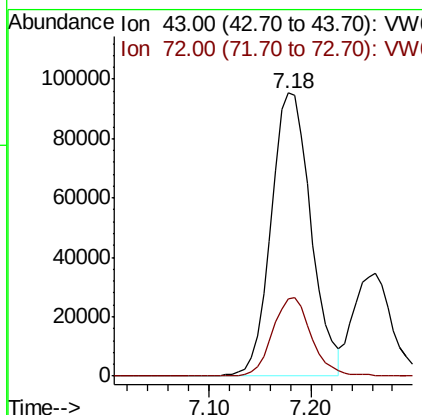
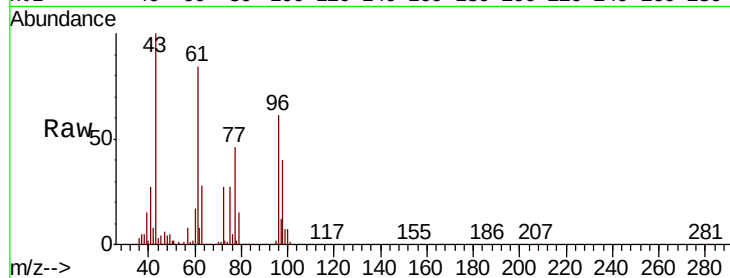
#25
2-Butanone
Concen: 89.01 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampled :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	27.1	21.0	31.6

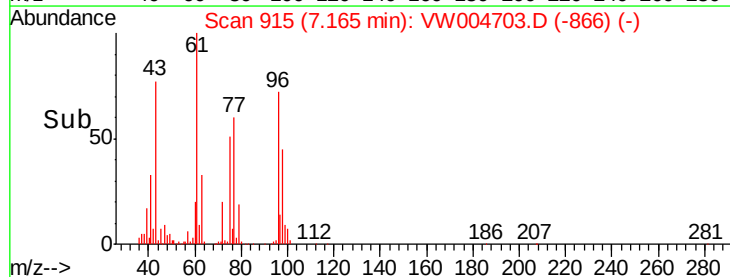
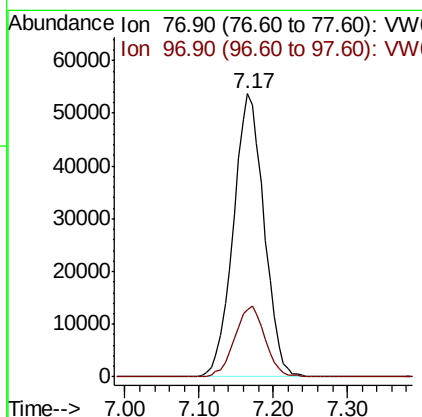
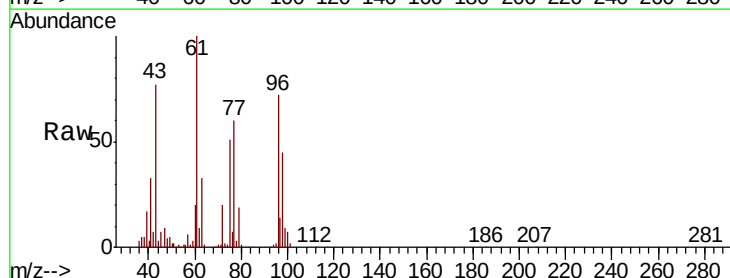
Manual Integrations
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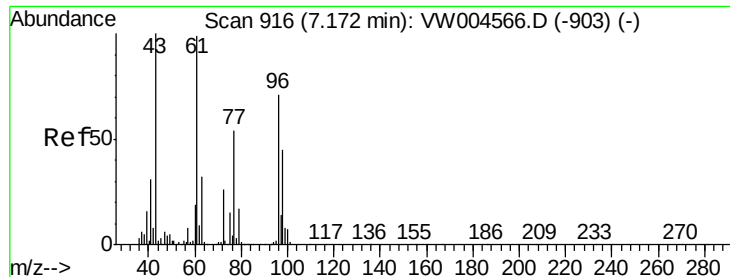
apatel
8/16/2018 10:01:28 AM



#26
2,2-Dichloropropane
Concen: 20.99 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.6	12.5	37.5





#27

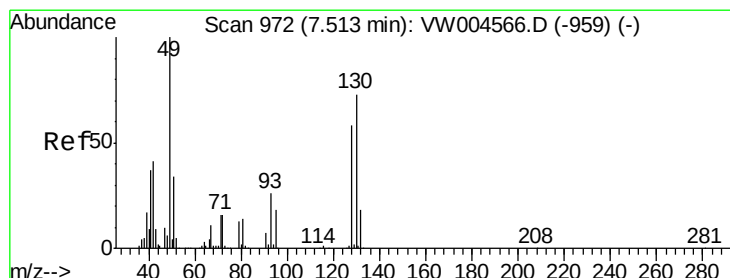
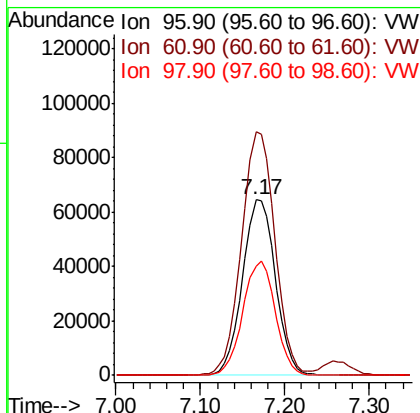
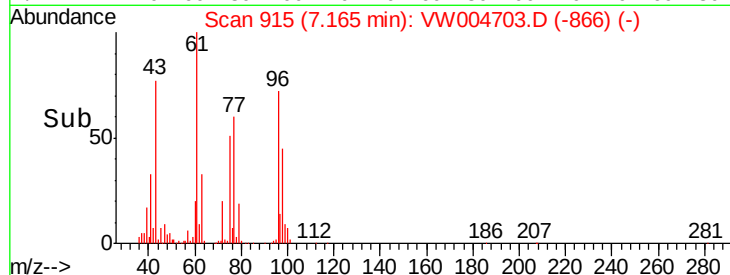
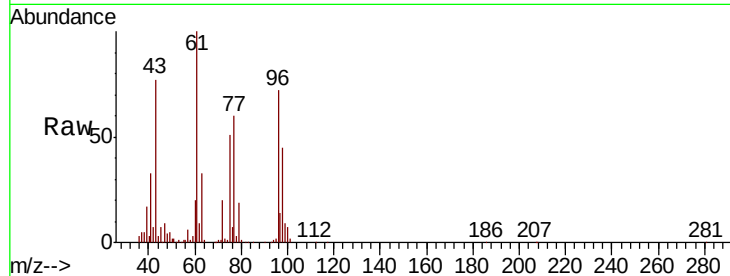
cis-1,2-Dichloroethene
 Concen: 20.64 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	170522		
61	140.6	0.0	285.0	
98	64.5	0.0	128.6	

Manual Integrations
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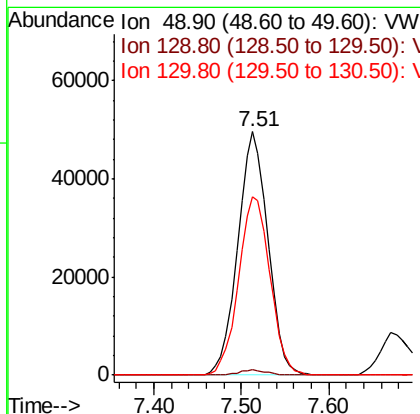
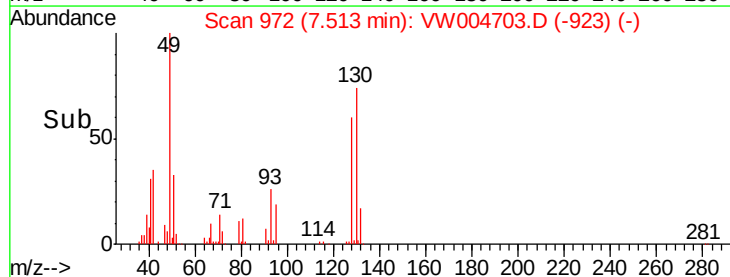
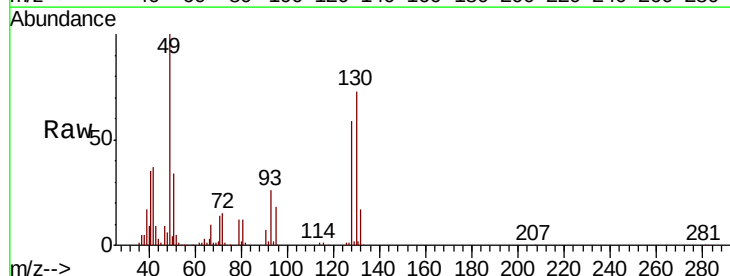
apatel
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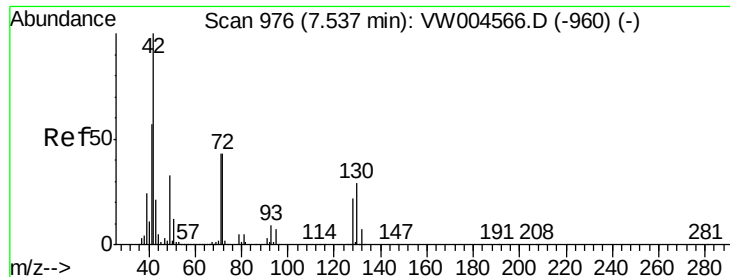


#28

Bromochloromethane
 Concen: 19.41 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	118900		
129	2.1	0.0	4.0	
130	76.3	58.8	88.2	





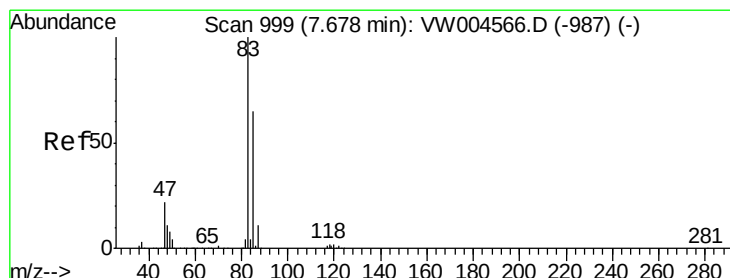
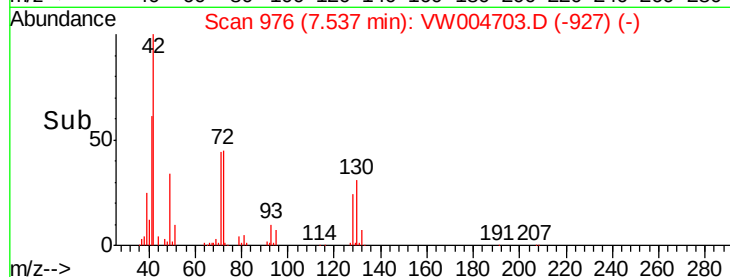
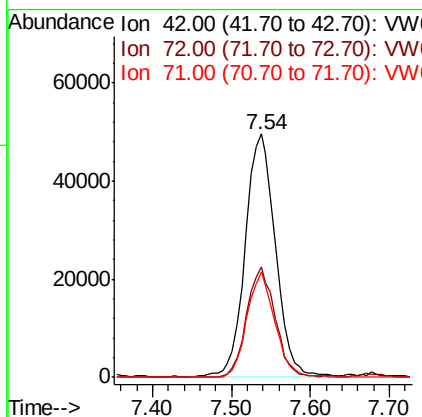
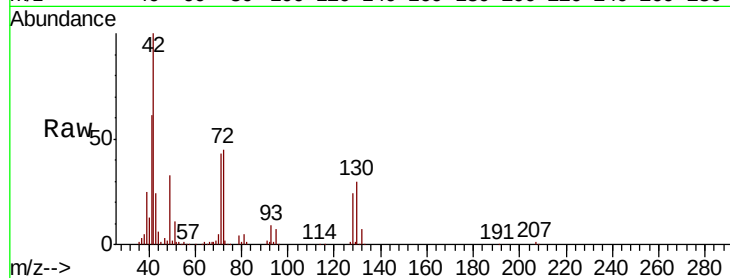
#29
Tetrahydrofuran
Concen: 87.83 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.1	51.1
71	40.5	32.5	48.7

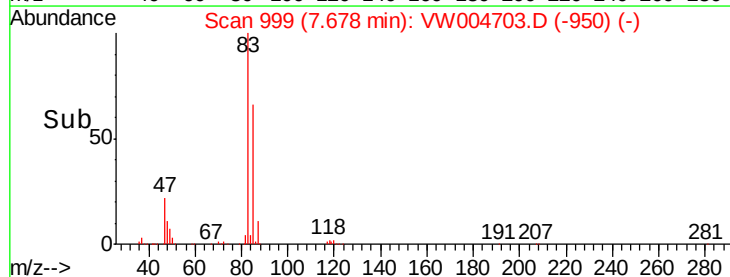
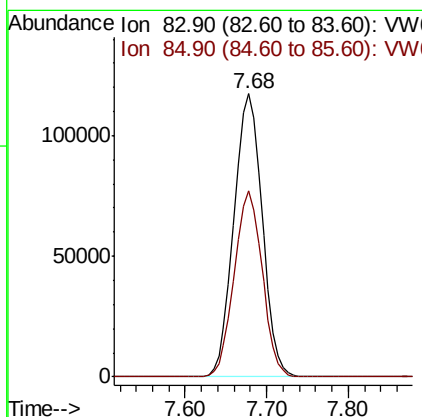
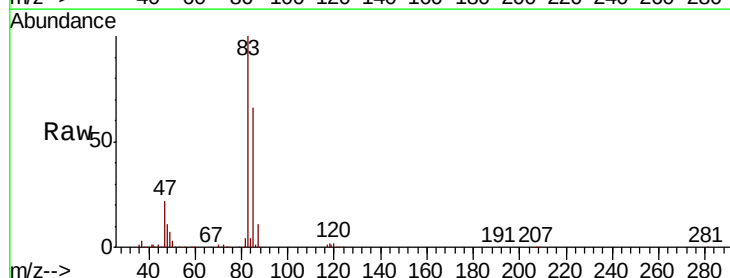
Manual Integrations
APPROVED

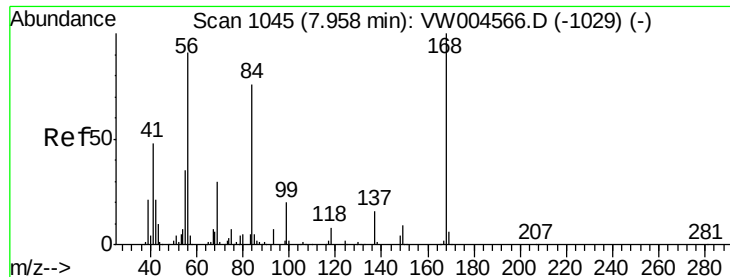
apatel
8/16/2018 10:01:28 AM



#30
Chloroform
Concen: 20.41 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.3	76.9





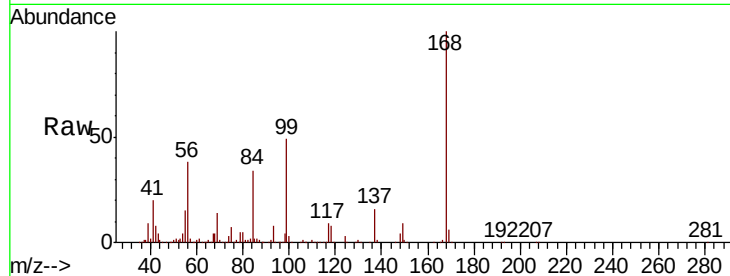
#31
Cyclohexane
Concen: 19.83 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	26.4	39.6
84	87.3	66.9	100.3

Manual Integrations
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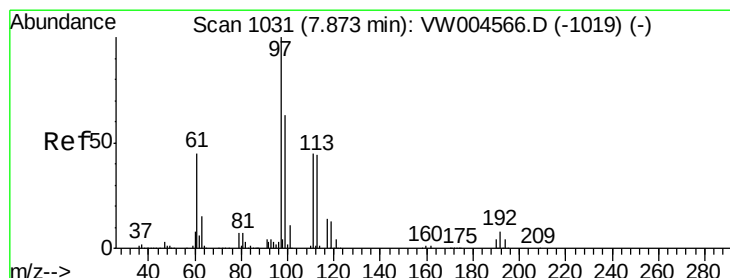
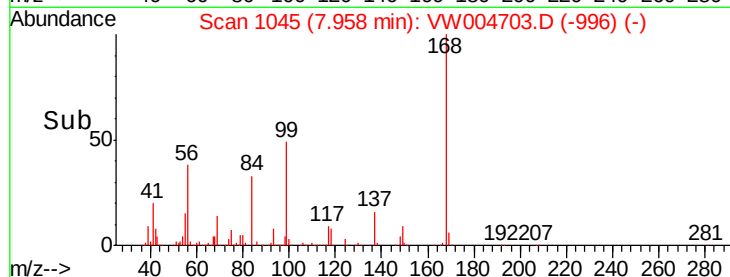
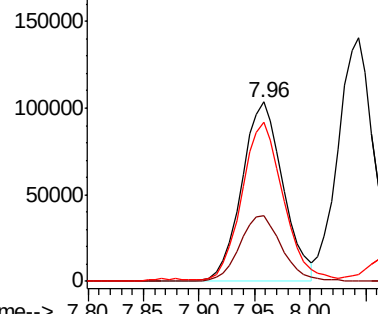


Abundance

Ion 56.00 (55.70 to 56.70): VW

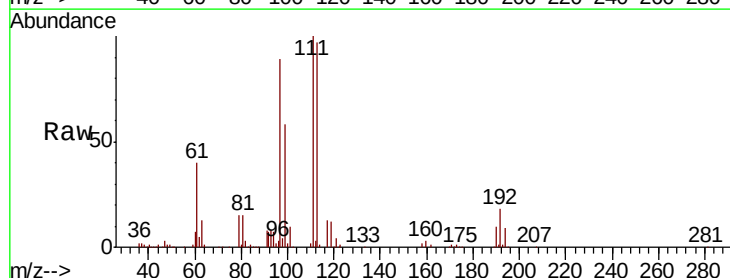
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 21.04 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	44.8	35.7	53.5

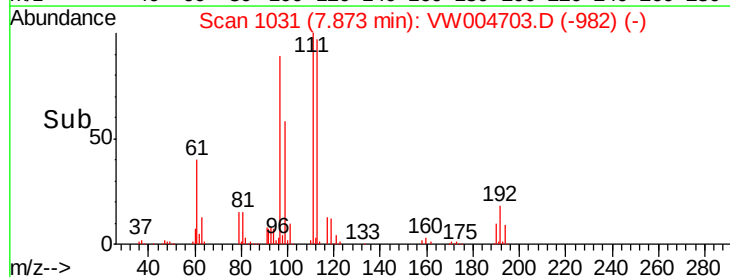
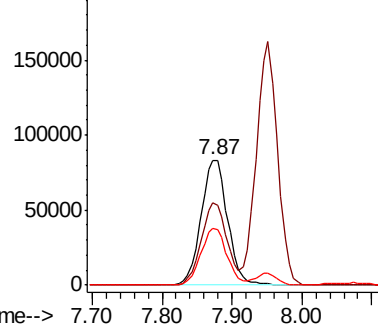


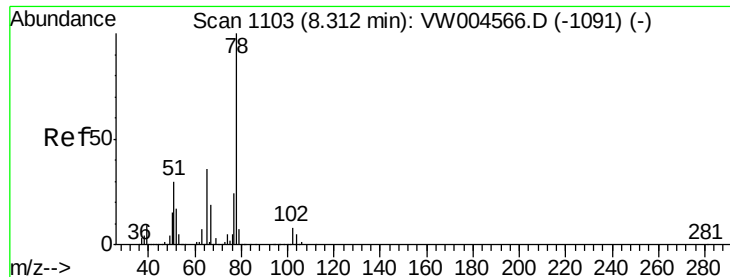
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





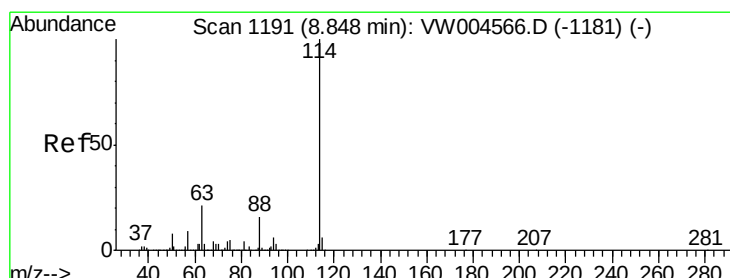
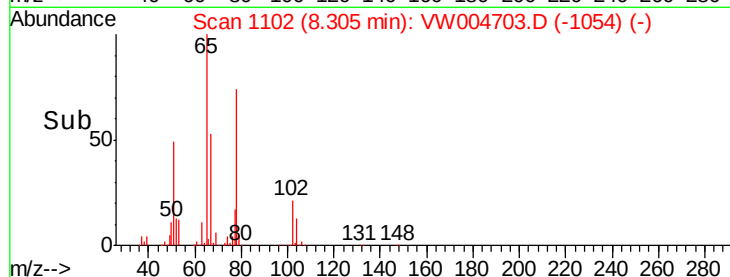
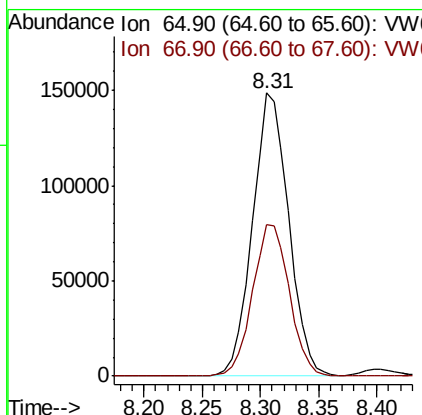
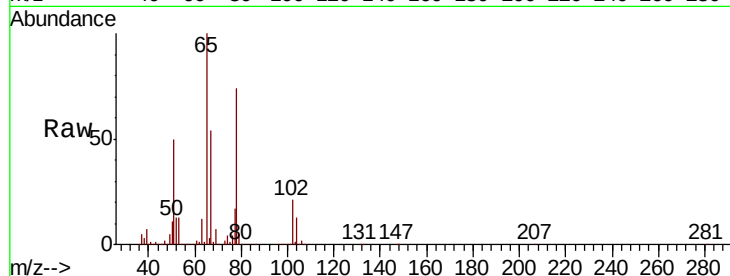
#33
 1,2-Dichloroethane-d4
 Concen: 44.71 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampled :
 VW0817SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.8	0.0	109.0	

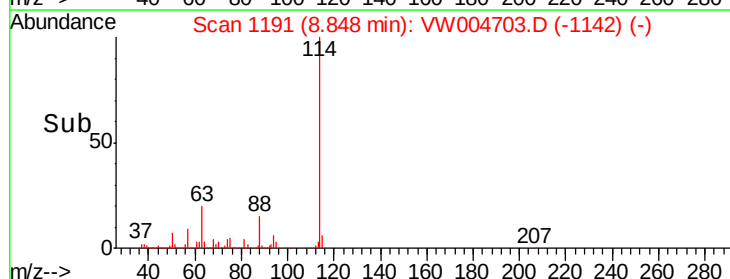
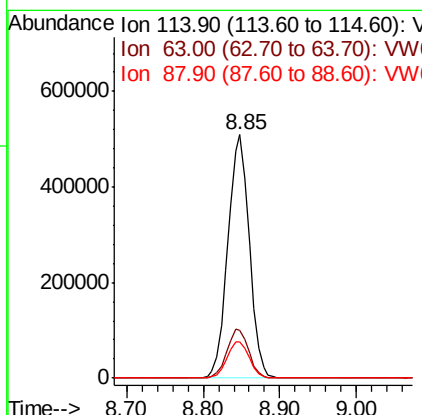
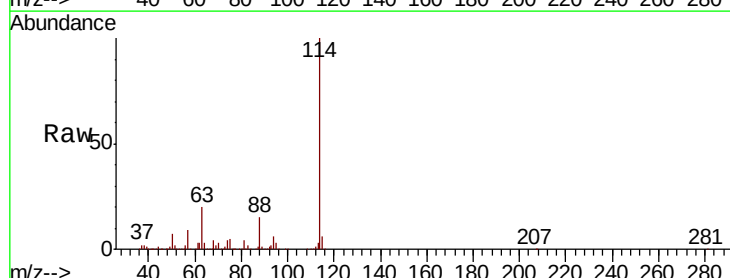
Manual Integrations
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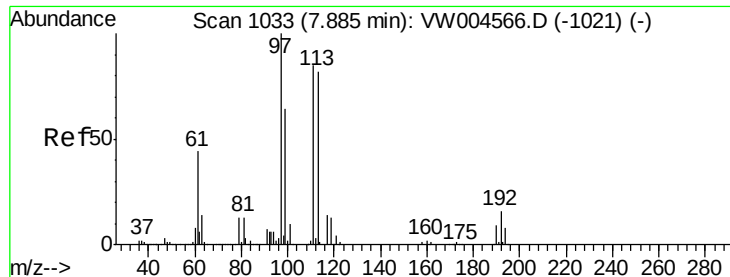
apatel
 8/16/2018 10:01:28 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.8	0.0	42.4	
88	14.8	0.0	31.2	





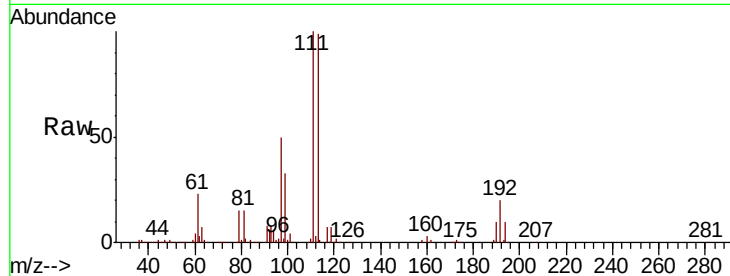
#35
 Dibromofluoromethane
 Concen: 49.42 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	20.7	15.8	23.6

Manual Integrations
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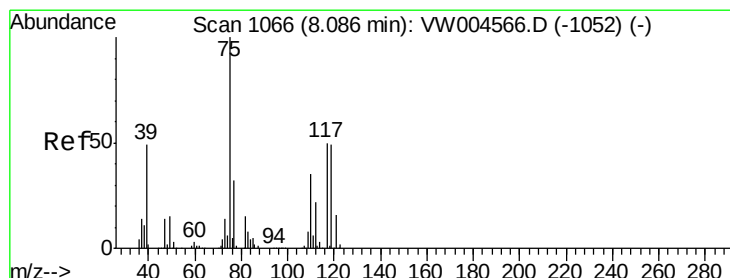
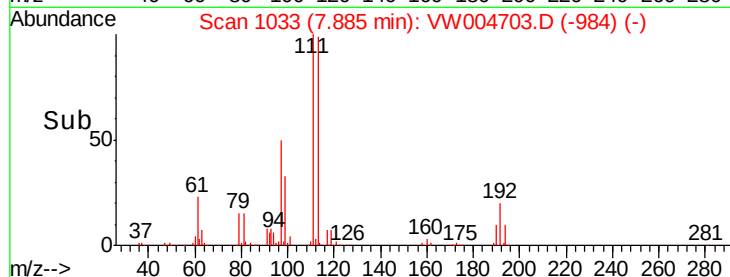
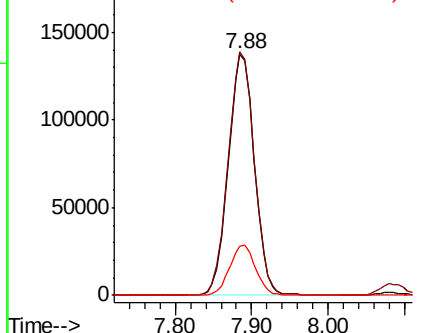


Abundance

Ion 112.80 (112.50 to 113.50): V

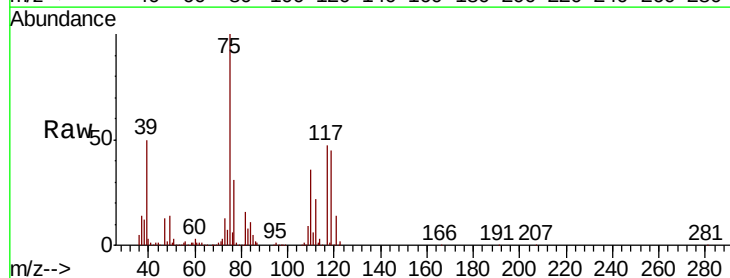
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 21.57 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.4	52.2
77	30.9	24.7	37.1

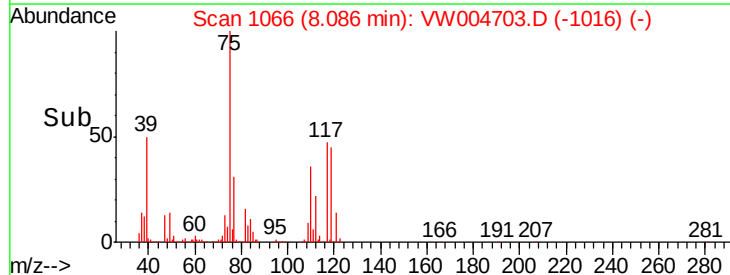
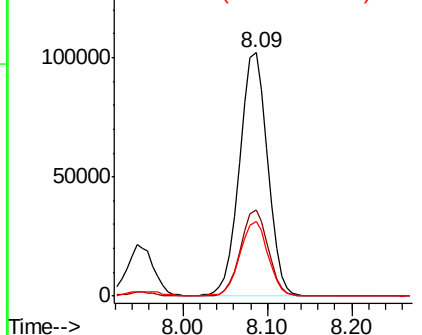


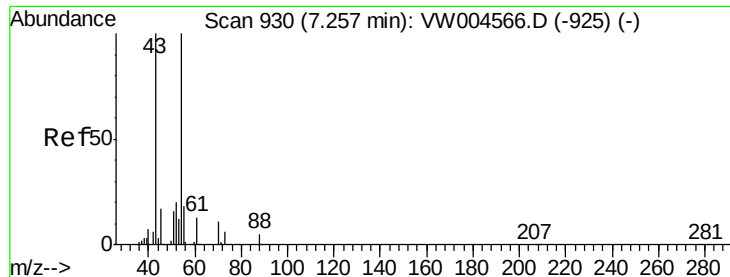
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





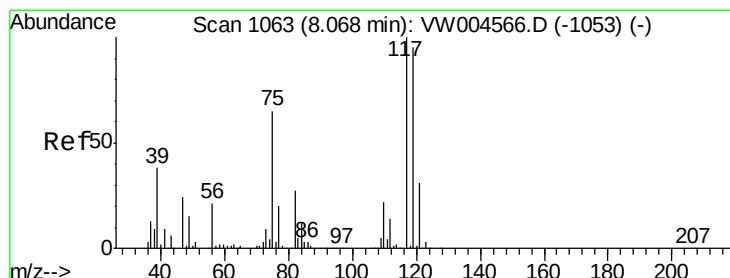
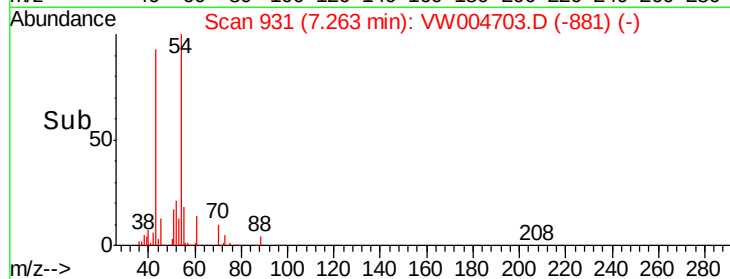
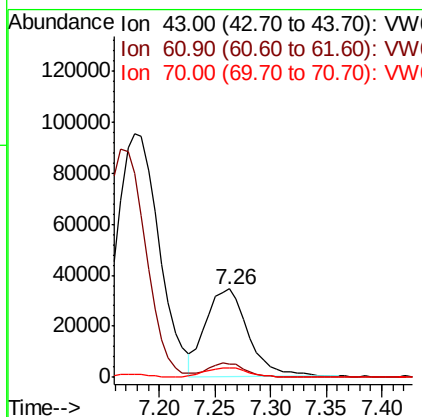
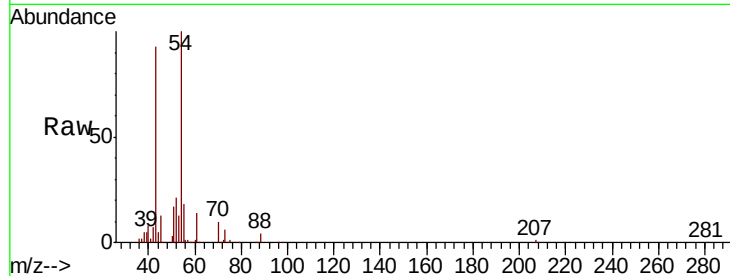
#37
Ethyl Acetate
Concen: 18.36 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.9	17.9
70	11.1	8.2	12.4

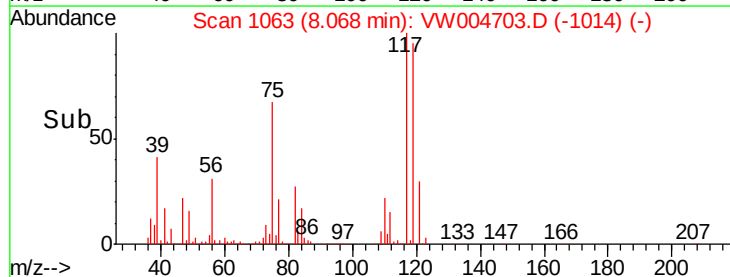
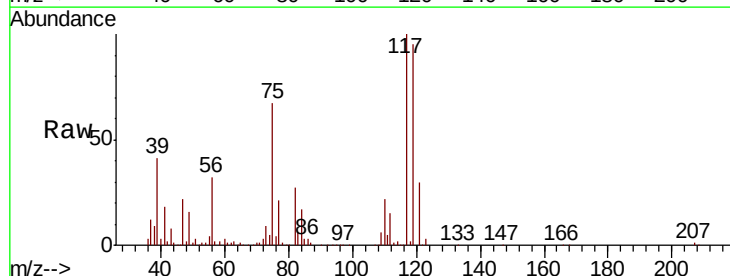
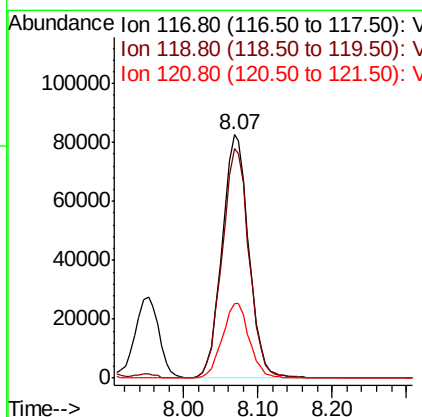
Manual Integrations
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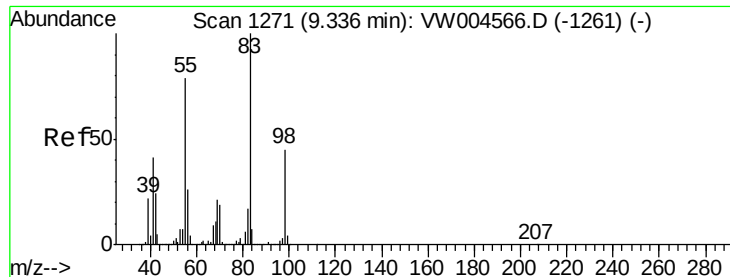
apatel
8/16/2018 10:01:28 AM



#38
Carbon Tetrachloride
Concen: 21.65 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.1	114.1
121	30.4	24.2	36.4





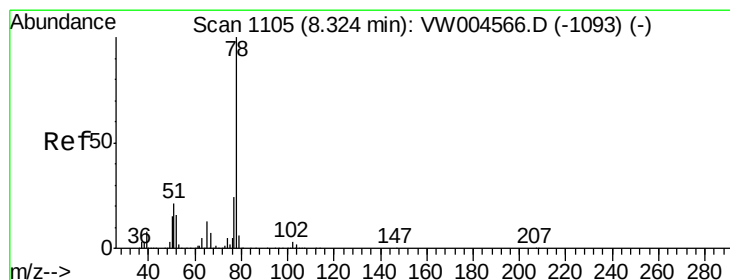
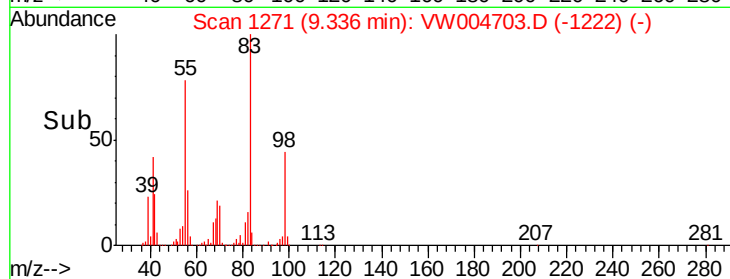
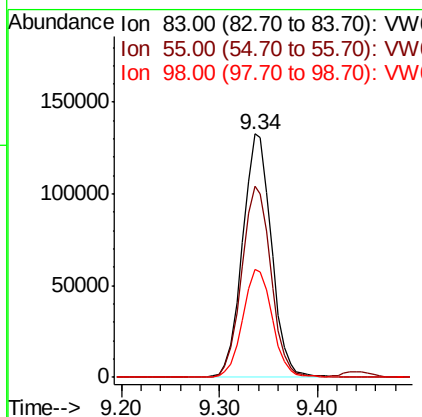
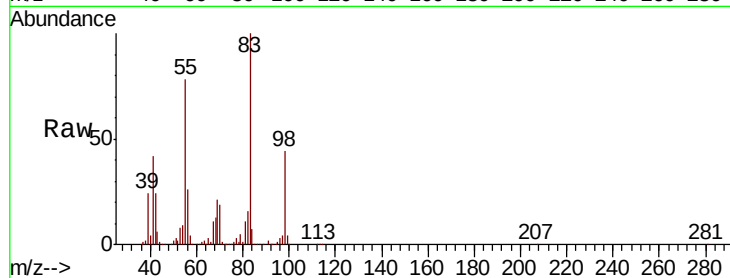
#39
Methylvlcyclohexane
Concen: 21.03 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	62.5	93.7
98	44.5	35.4	53.2

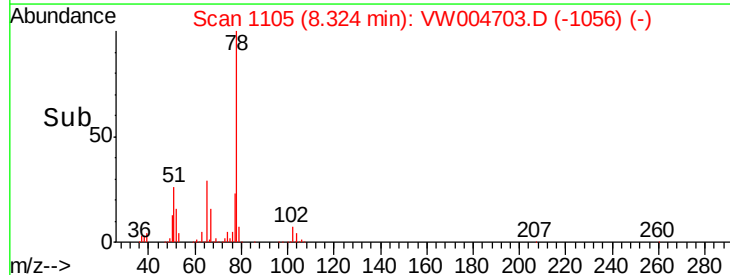
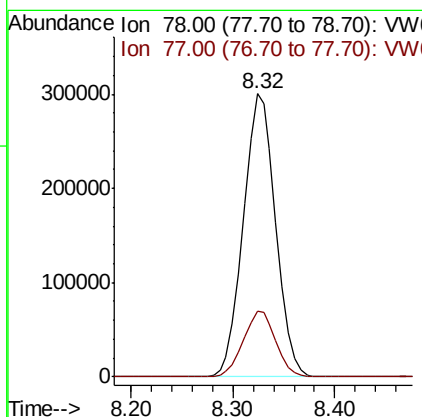
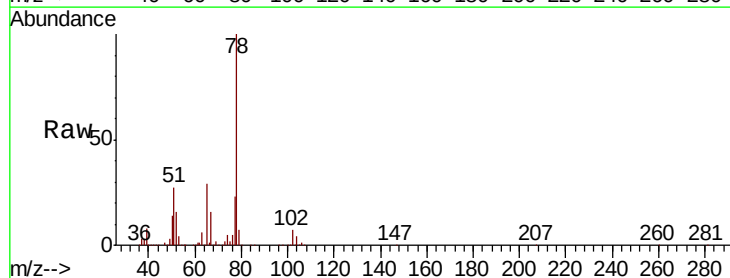
Manual Integrations
APPROVED

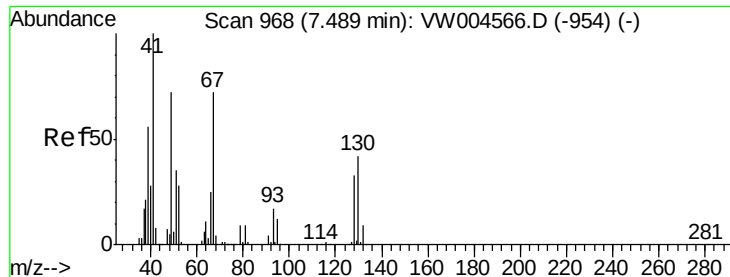
apatel
8/16/2018 10:01:28 AM



#40
Benzene
Concen: 21.25 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





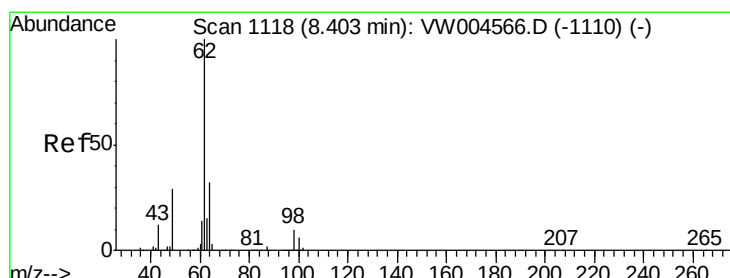
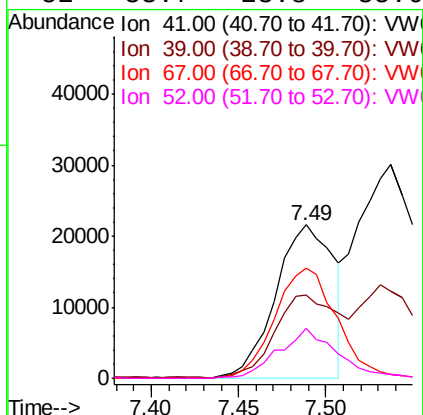
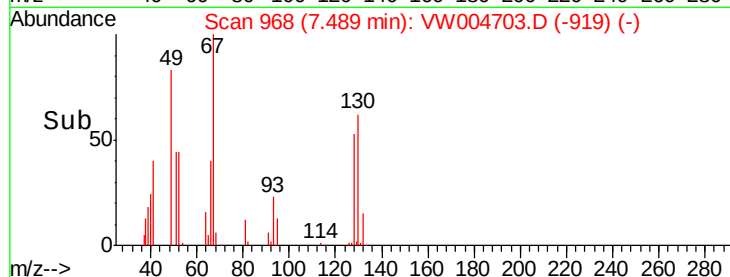
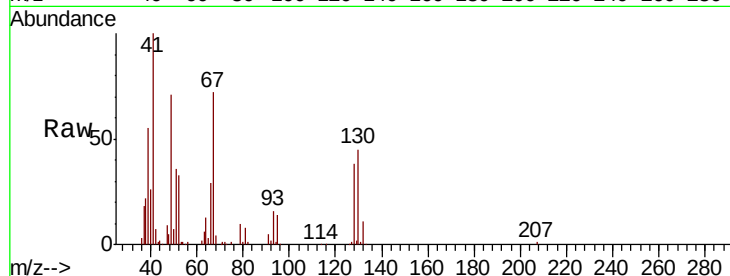
#41
Methacrylonitrile
Concen: 17.88 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.1	46.2	69.2
67	78.1	60.8	91.2
52	33.7	23.8	35.6

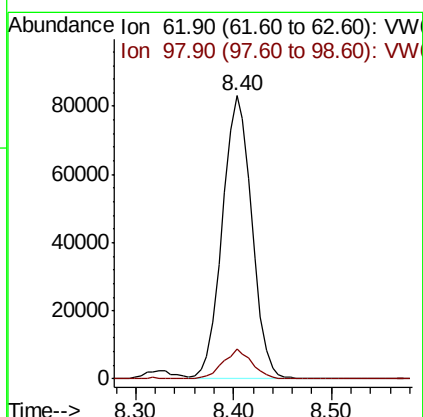
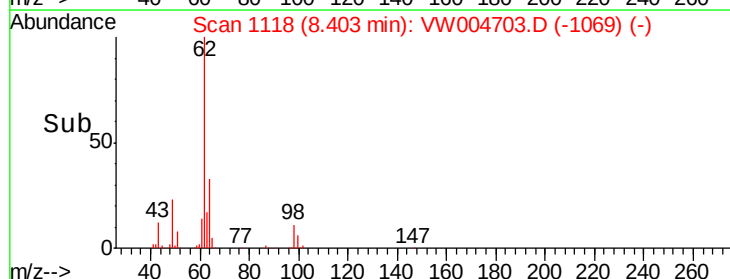
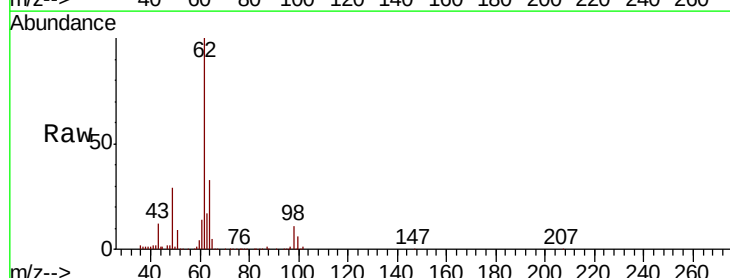
Manual Integrations
APPROVED

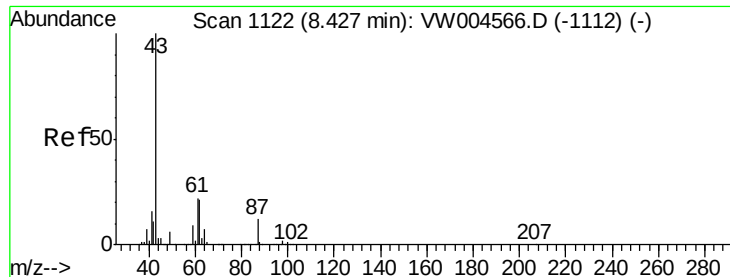
apatel
8/16/2018 10:01:28 AM



#42
1,2-Dichloroethane
Concen: 20.17 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.6





#43

Isopropyl Acetate

Concen: 18.34 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

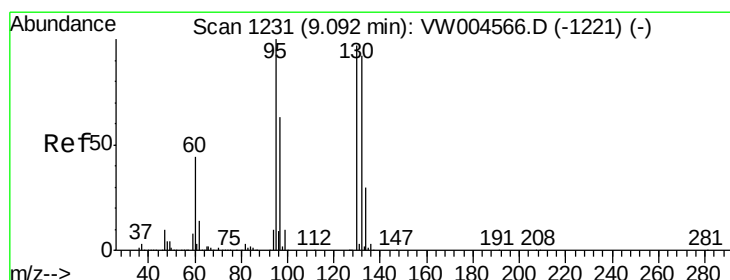
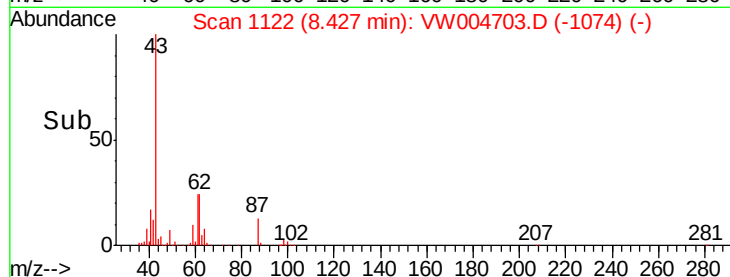
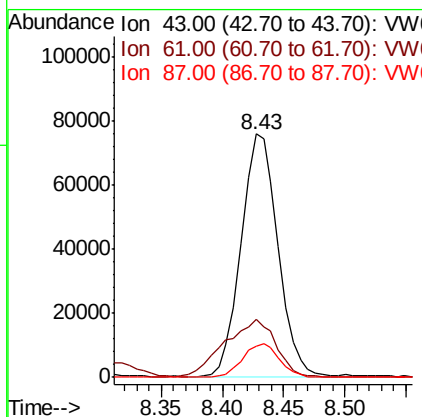
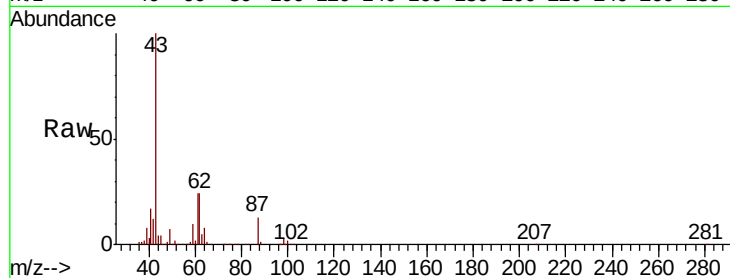
ClientSampleId :

VW0817SBS01

Tot Ion:	43	Resp:	158620
Ion	Ratio	Lower	Upper
43	100		
61	33.4	25.2	37.8
87	13.7	10.6	16.0

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#44

Trichloroethene

Concen: 21.32 ug/l

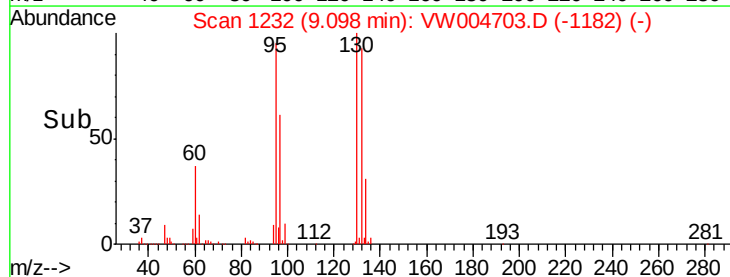
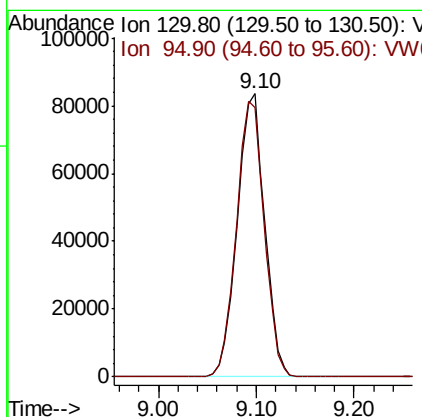
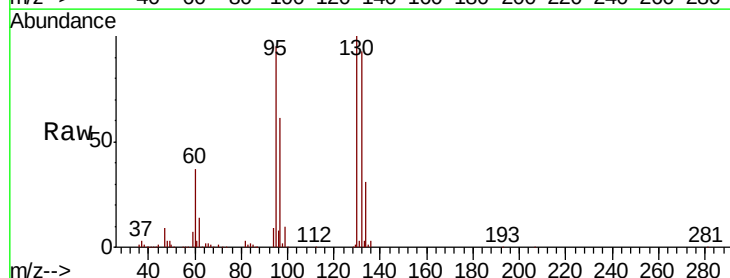
RT: 9.10 min Scan# 1232

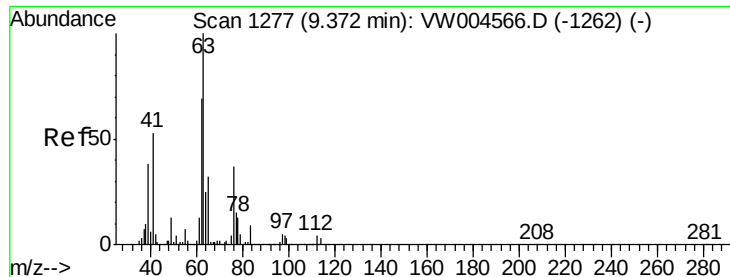
Delta R.T. 0.01 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Tgt Ion:	130	Resp:	162998
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	196.2





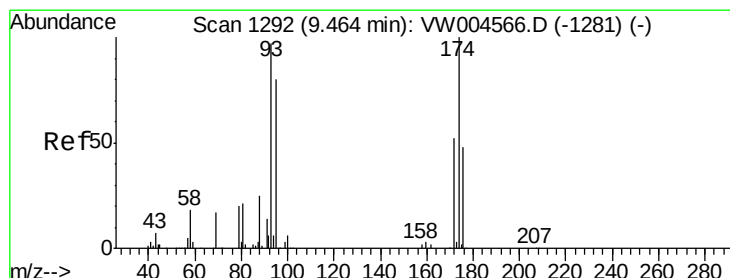
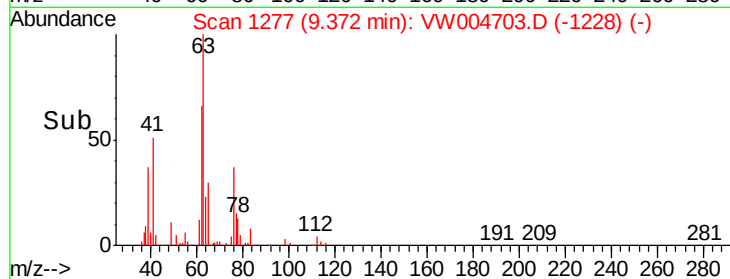
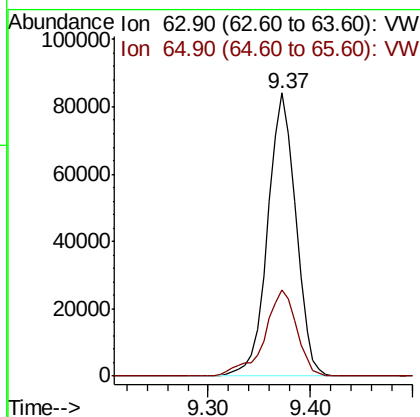
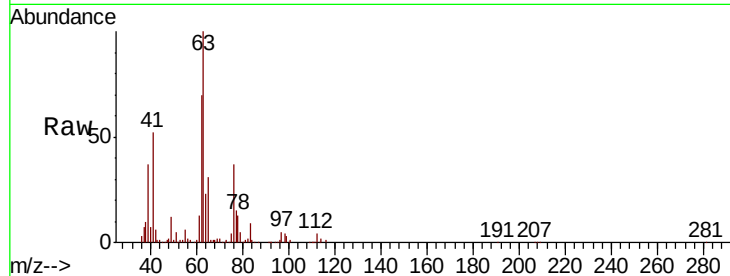
#45
 1,2-Dichloropropane
 Concen: 20.56 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.5	36.7

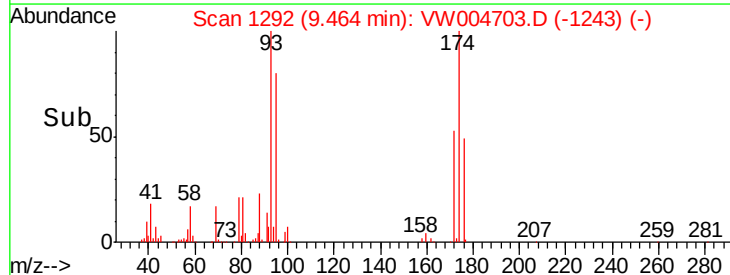
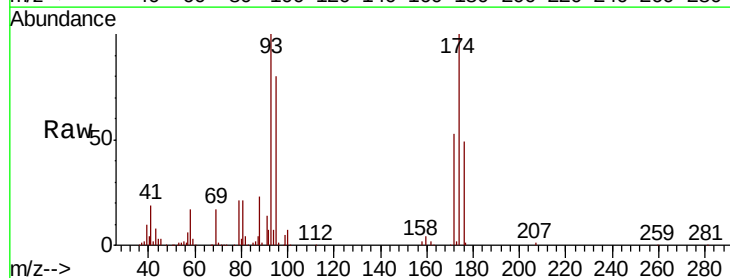
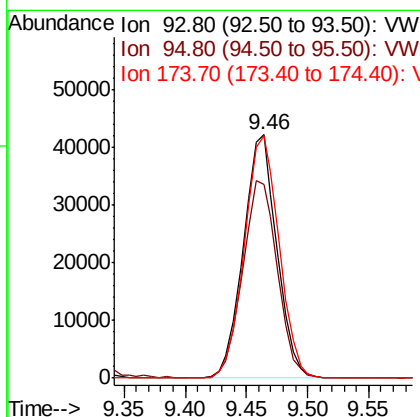
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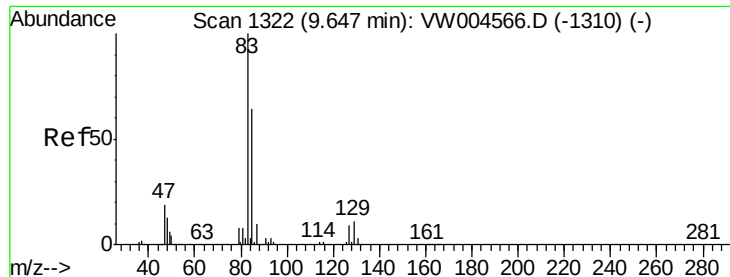
apatel
 8/16/2018 10:01:28 AM



#46
 Dibromomethane
 Concen: 20.24 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.0	100.4
174	103.3	80.2	120.4





#47

Bromodichloromethane

Concen: 20.31 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

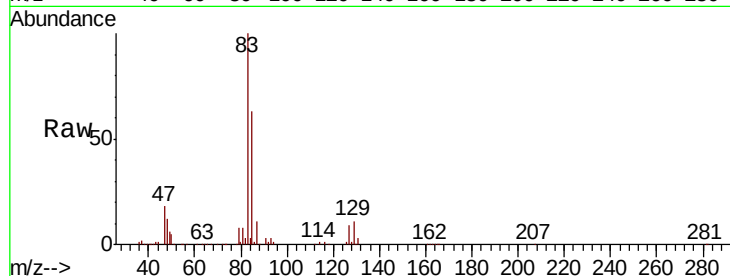
ClientSampled :

VW0817SBS01

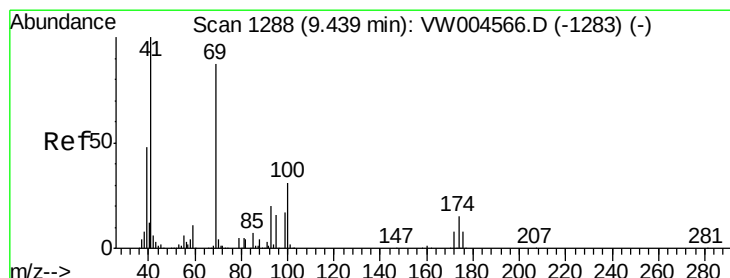
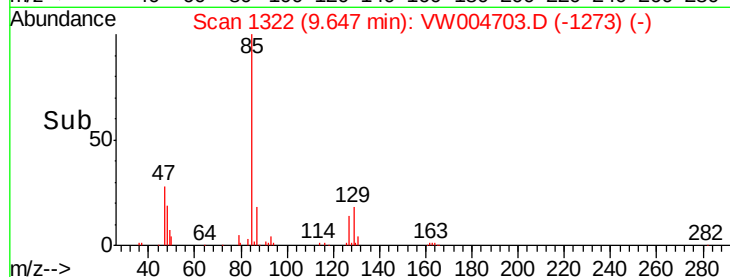
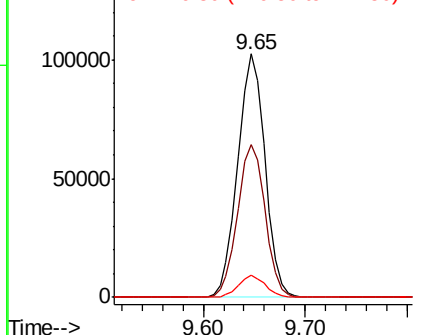
Tot Ion:	83	Resp:	190104
Ion Ratio	Lower	Upper	
83	100		
85	62.9	50.7	76.1
127	8.9	6.5	9.7

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 18.60 ug/l

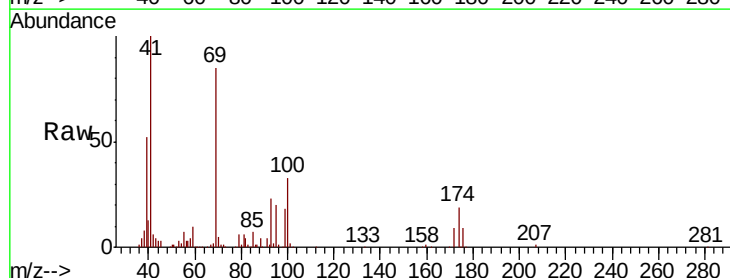
RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

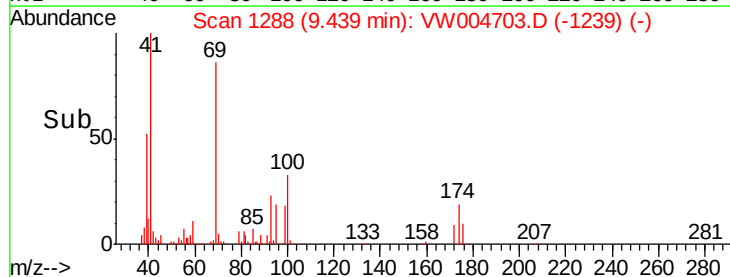
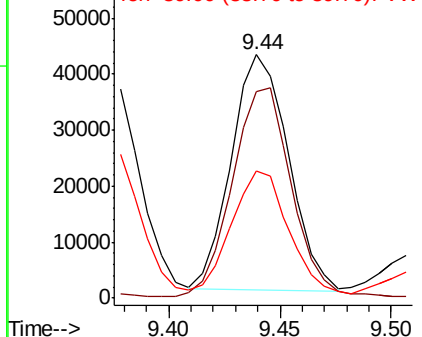
Lab File: VW004703.D

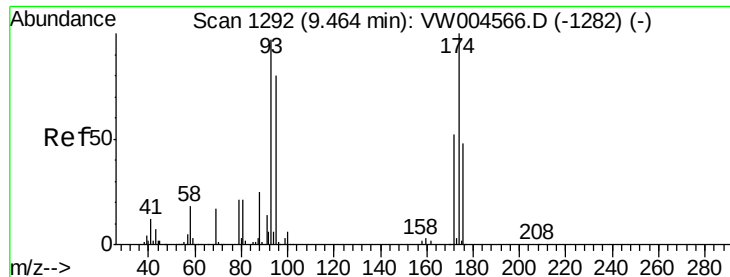
Acq: 15 Aug 2018 19:01

Tgt Ion:	41	Resp:	75186
Ion Ratio	Lower	Upper	
41	100		
69	93.7	73.2	109.8
39	51.2	40.6	60.8



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 389.64 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

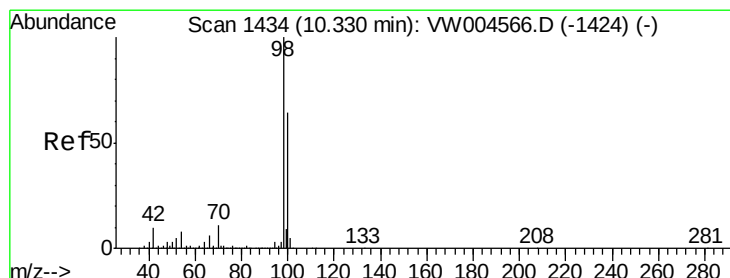
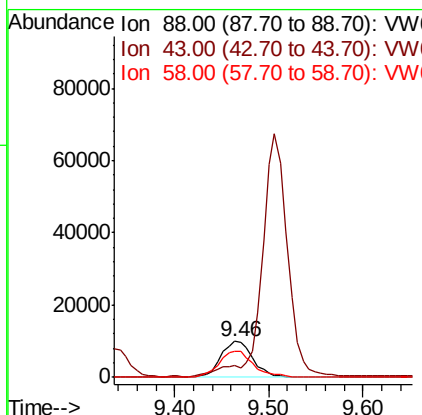
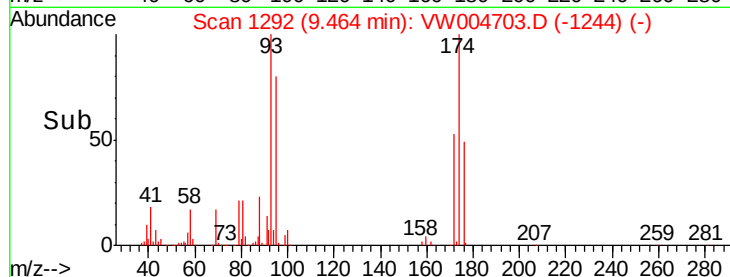
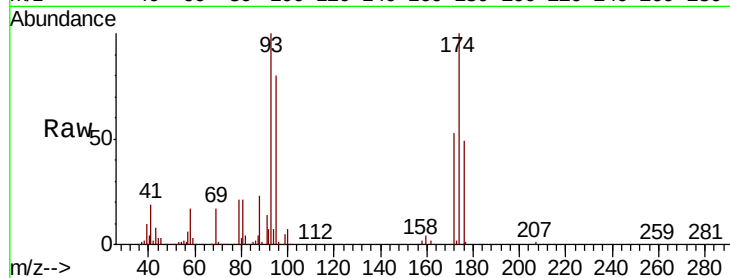
ClientSampleId :

VW0817SBS01

Tot Ion:	88	Resp:	23578
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	79.8	63.5	95.3

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#50

Toluene-d8

Concen: 50.21 ug/l

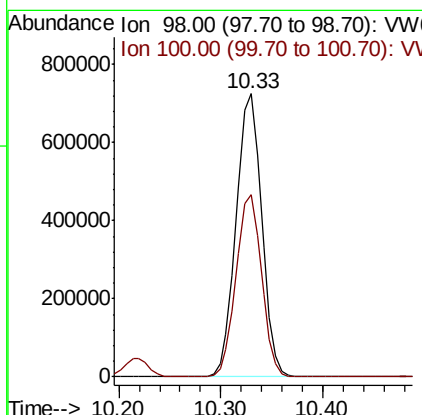
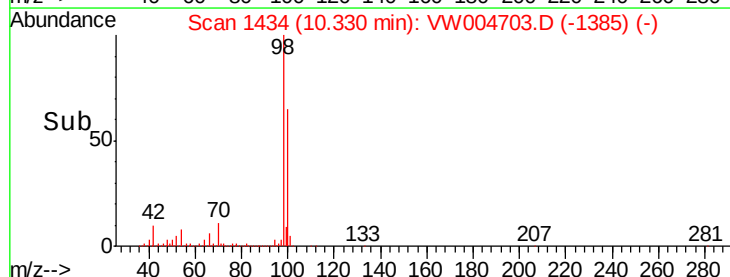
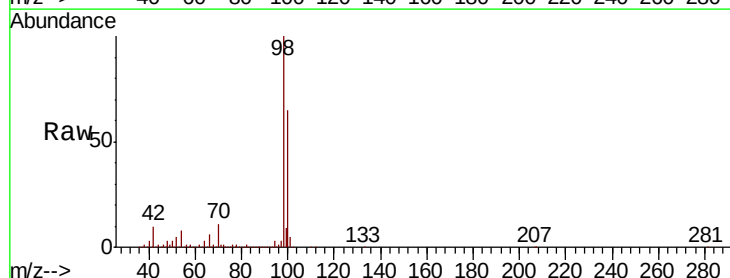
RT: 10.33 min Scan# 1434

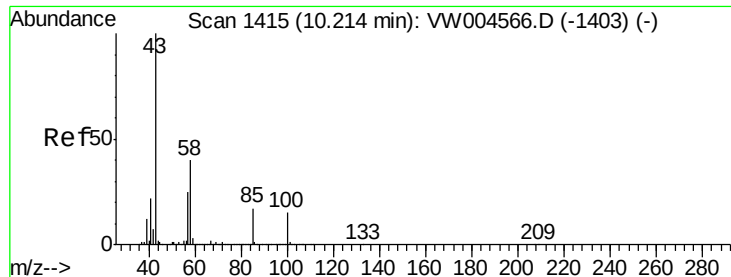
Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Tgt Ion:	98	Resp:	1255847
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 93.84 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBS01

Tot Ion: 43 Resp: 564973

Ion Ratio Lower Upper

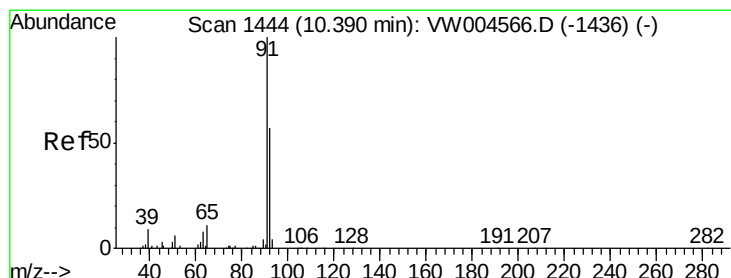
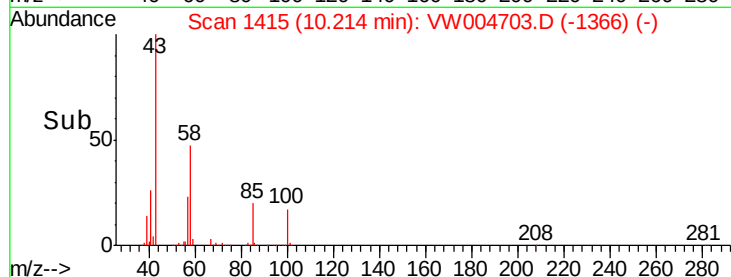
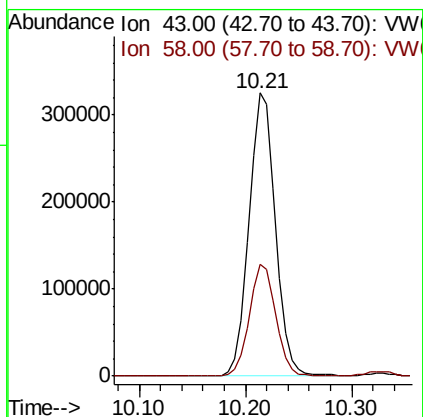
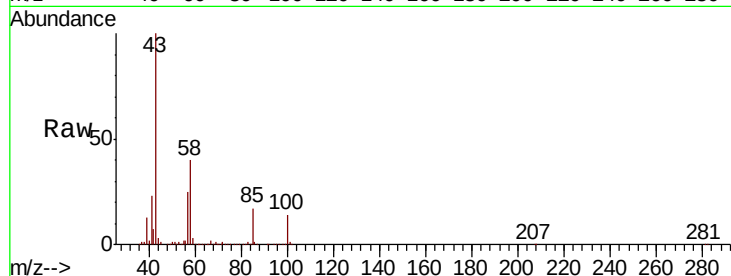
43 100

58 39.7 31.9 47.9

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#52

Toluene

Concen: 21.73 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004703.D

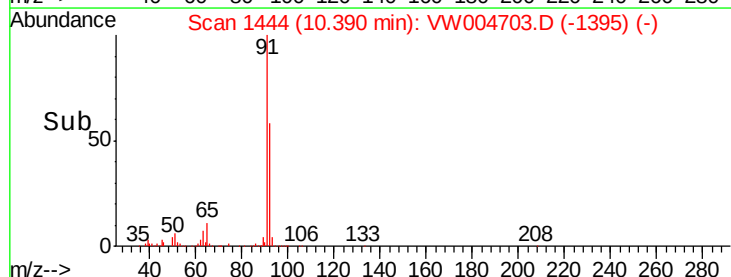
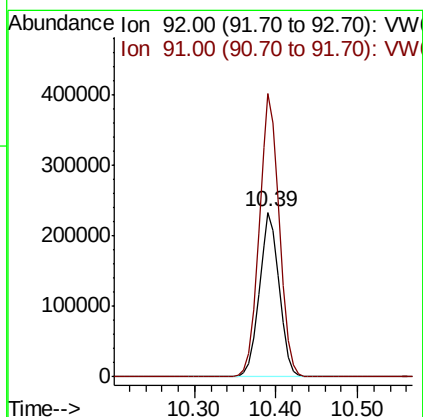
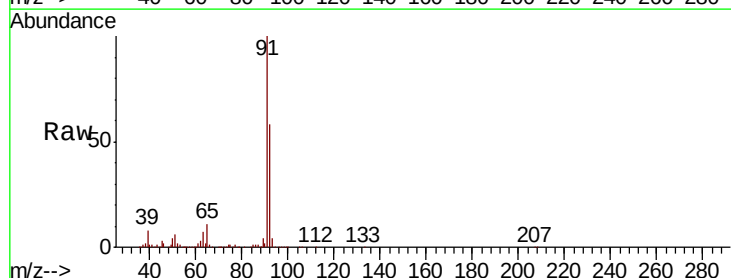
Acq: 15 Aug 2018 19:01

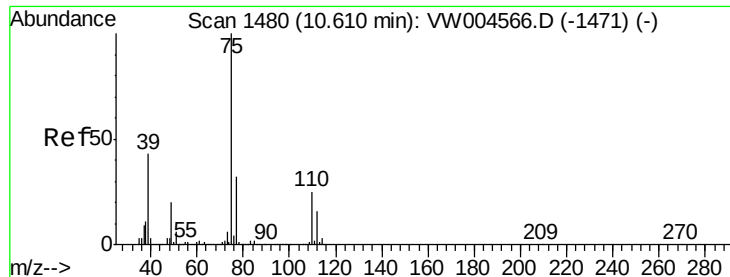
Tgt Ion: 92 Resp: 398636

Ion Ratio Lower Upper

92 100

91 172.9 137.9 206.9





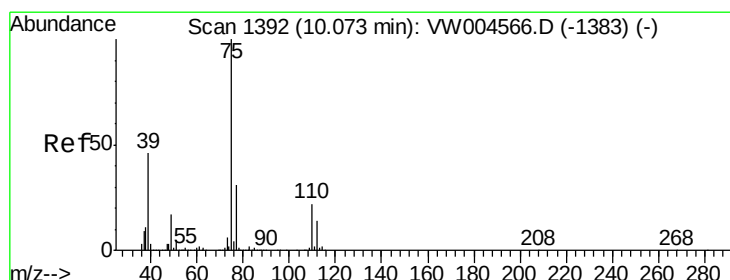
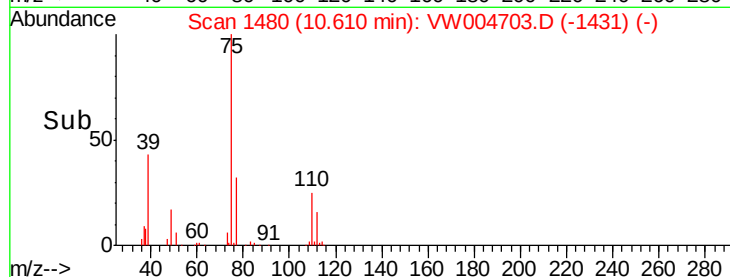
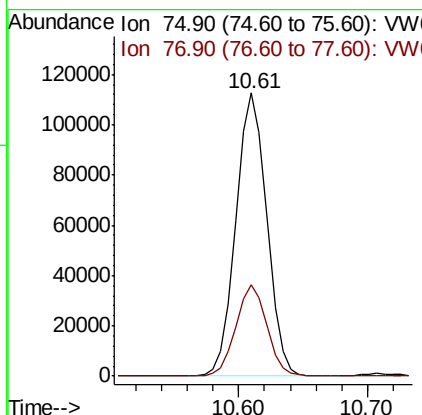
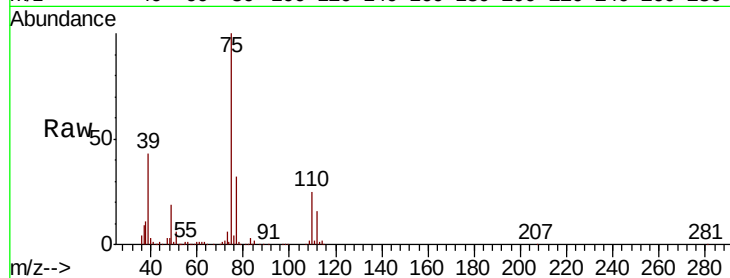
#53
t-1,3-Dichloropropene
Concen: 19.92 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7

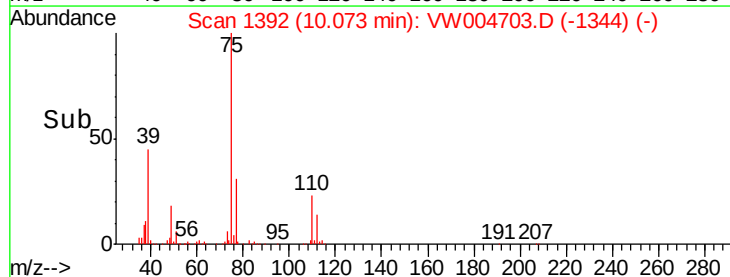
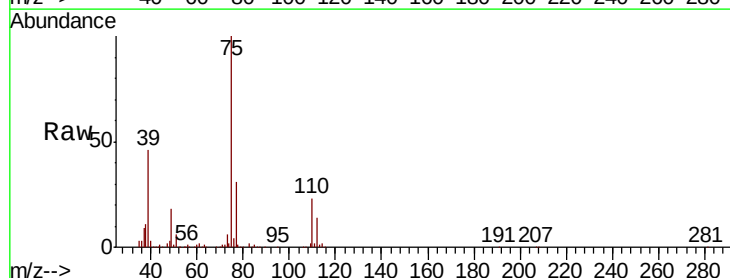
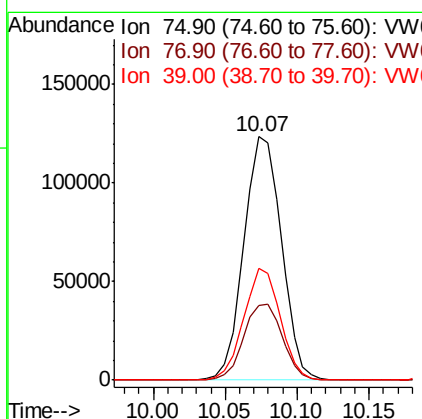
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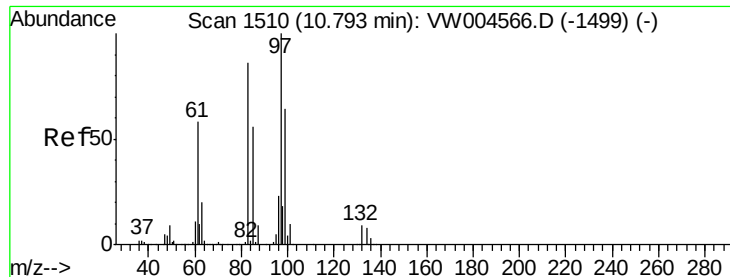
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#54
cis-1,3-Dichloropropene
Concen: 20.43 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9
39	45.5	34.5	51.7





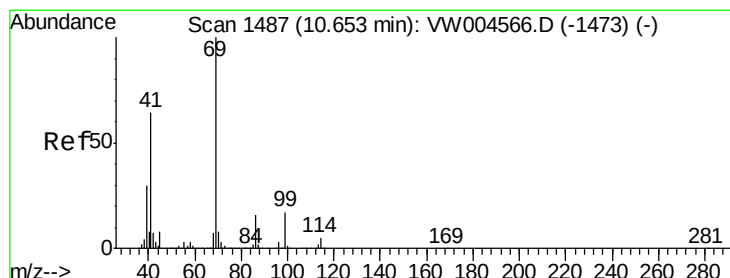
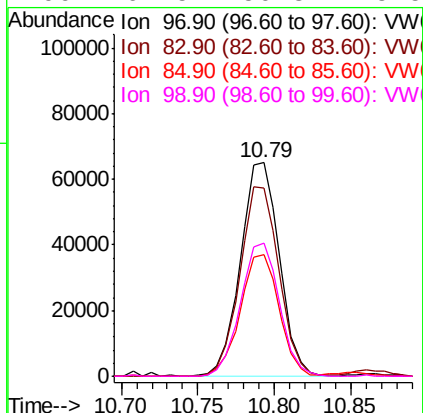
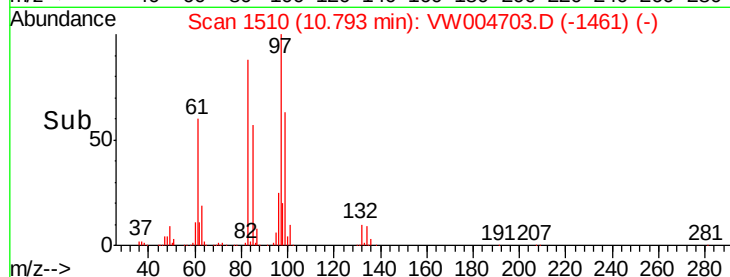
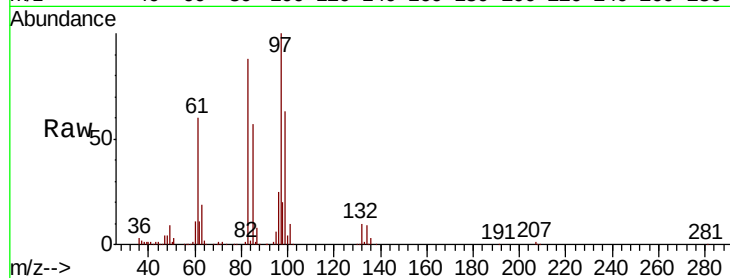
#55
 1,1,2-Trichloroethane
 Concen: 20.25 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		115101		
83	87.8	69.8	104.8		
85	56.9	45.1	67.7		
99	62.5	50.3	75.5		

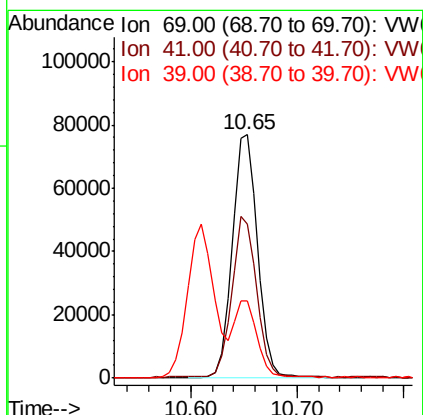
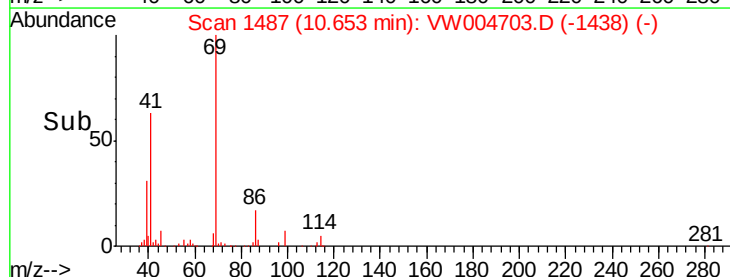
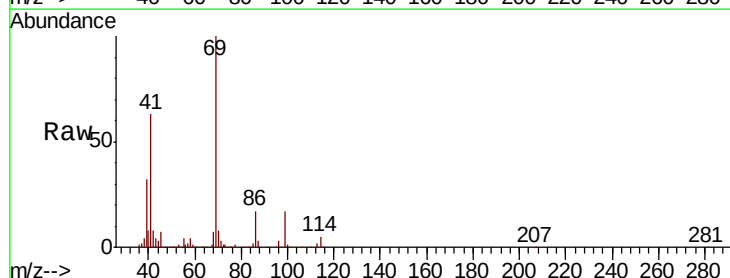
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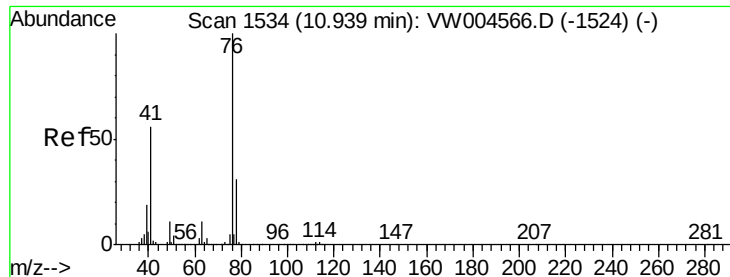
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#56
 Ethyl methacrylate
 Concen: 18.86 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		128372		
41	64.5	52.4	78.6		
39	28.5	22.7	34.1		





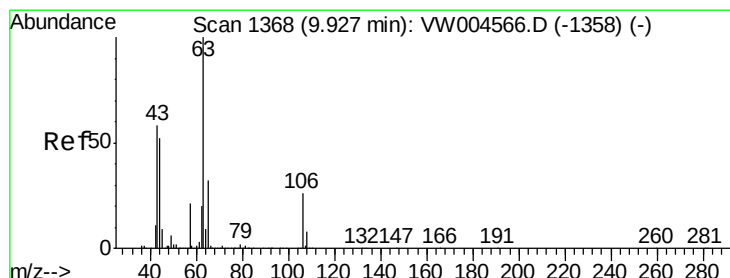
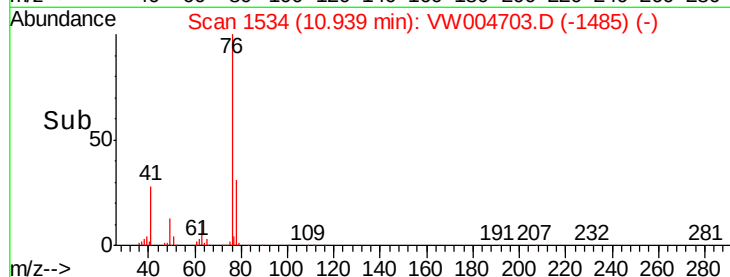
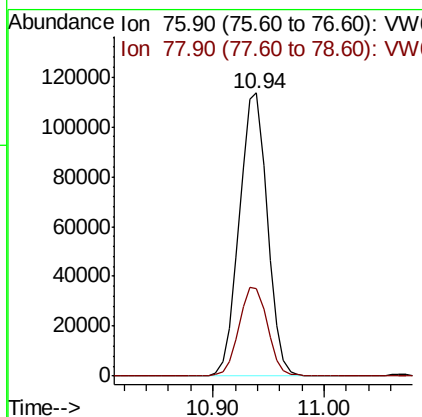
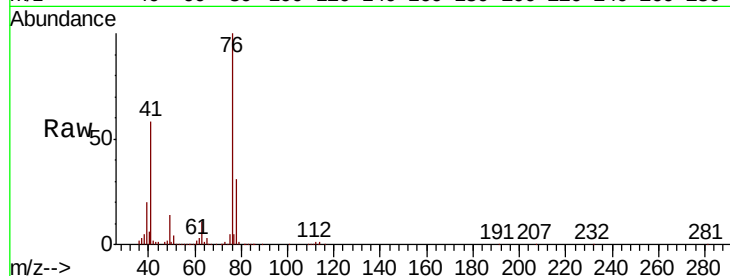
#57
 1,3-Dichloropropane
 Concen: 20.27 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5

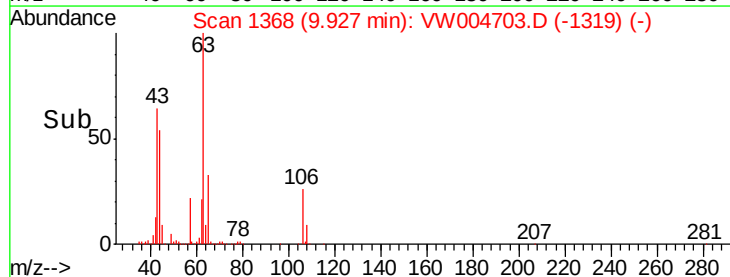
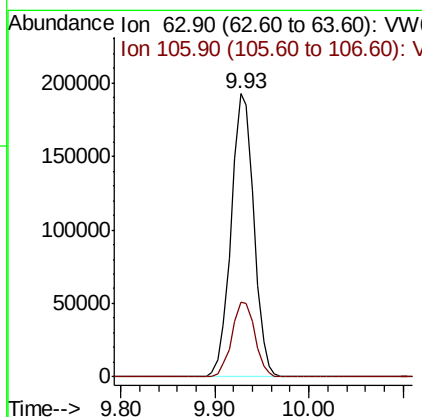
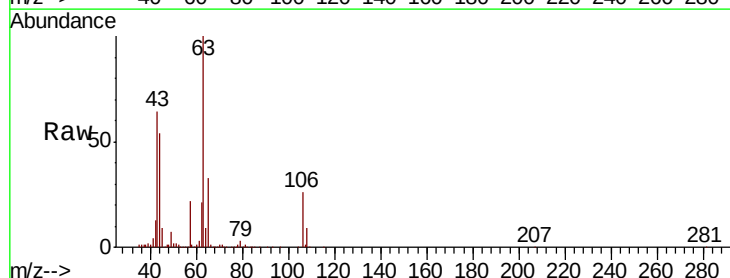
Manual Integrations
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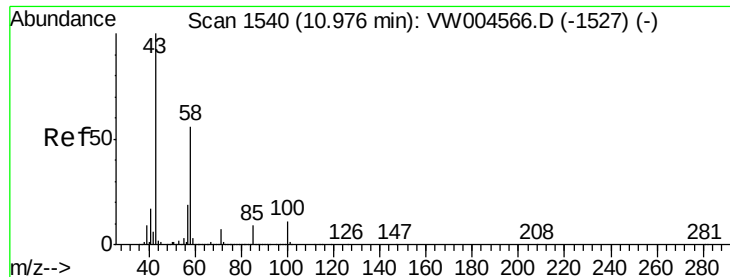
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.13 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.8	21.3	31.9





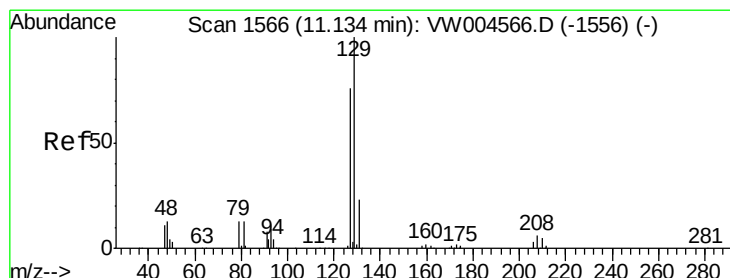
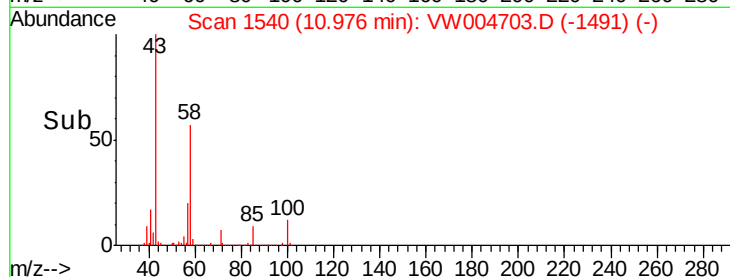
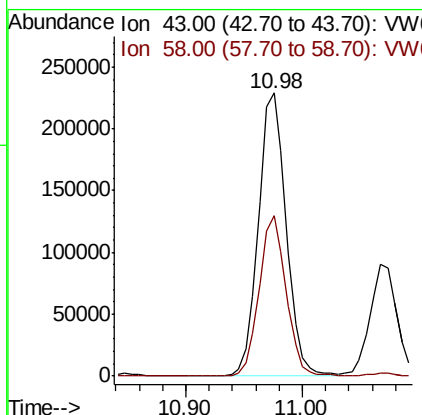
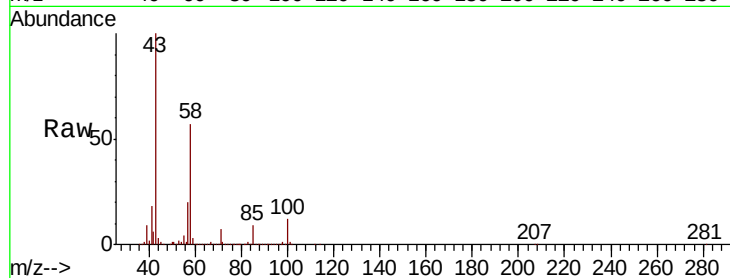
#59
2-Hexanone
Concen: 92.79 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampled :
VW0817SBS01

Tot Ion	43	Resp	378763
Ion Ratio	100	Lower	Upper
43	100		
58	55.0	27.9	83.6

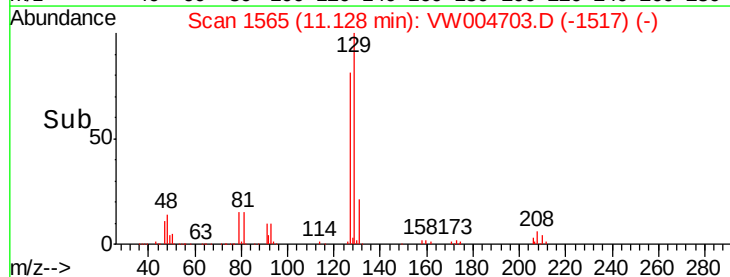
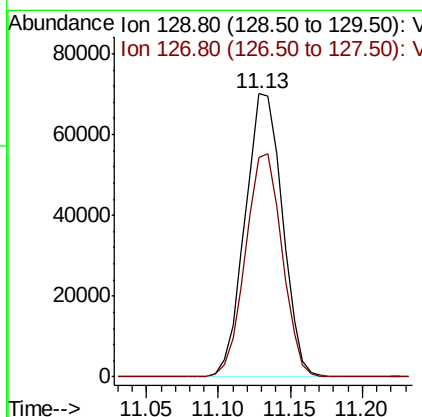
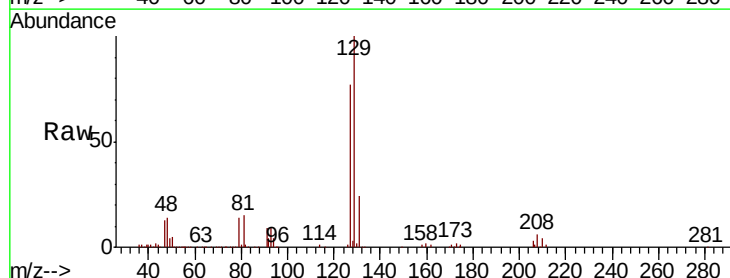
Manual Integrations
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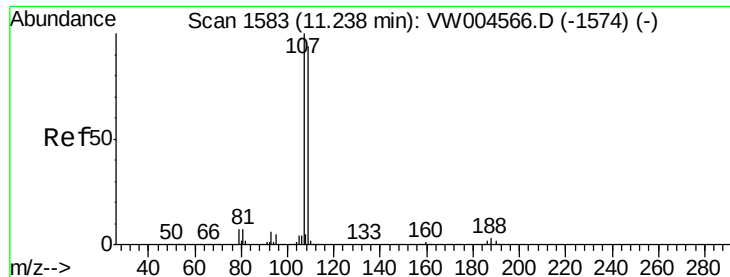
apatel
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#60
Dibromochloromethane
Concen: 20.39 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	129	Resp	126077
Ion Ratio	100	Lower	Upper
129	100		
127	77.3	38.6	115.8





#61

1,2-Dibromoethane

Concen: 20.15 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBS01

Tot Ion: 107 Resp: 107628

Ion Ratio Lower Upper

107 100

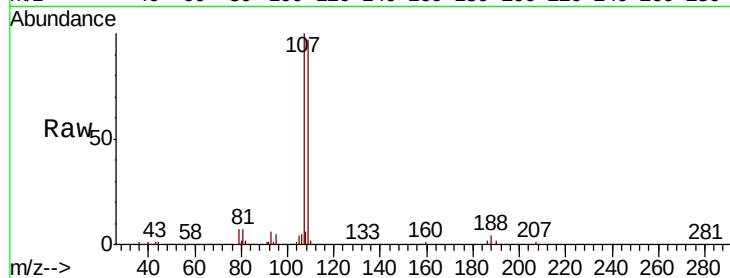
109 95.1 75.7 113.5

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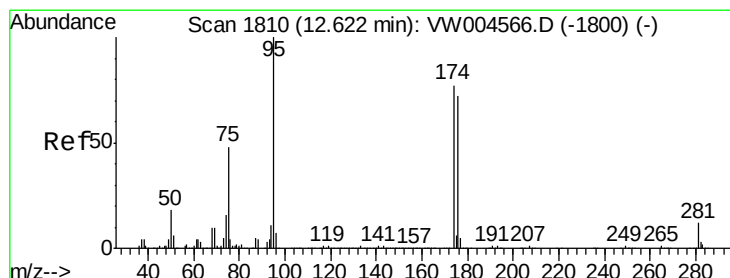
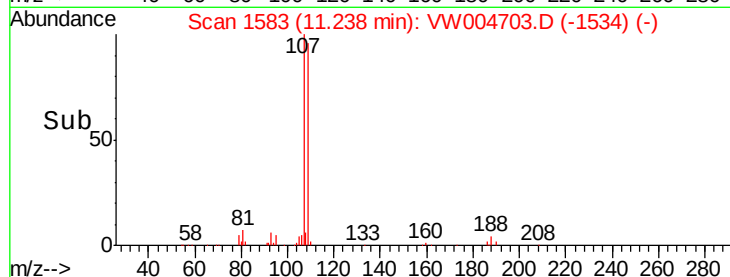
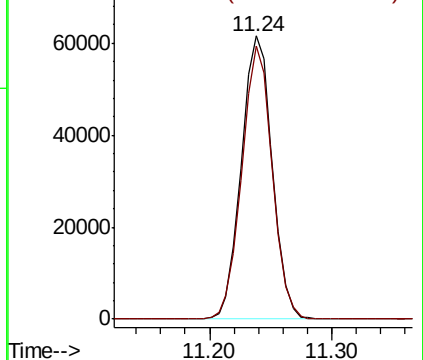
apatel

8/16/2018 10:01:28 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.38 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

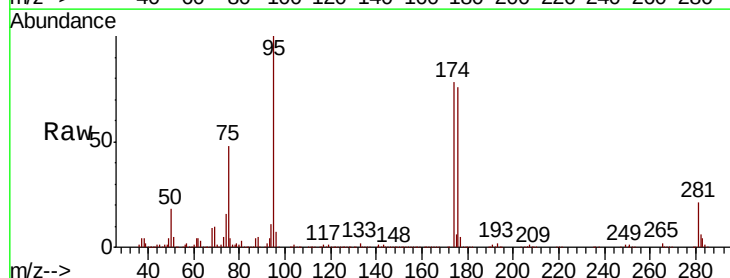
Tgt Ion: 95 Resp: 453932

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.4

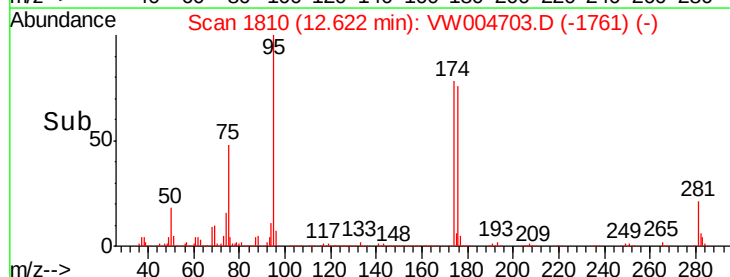
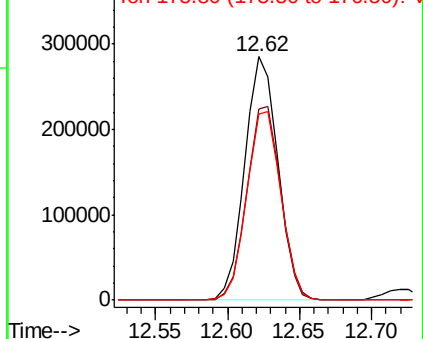
176 79.3 0.0 153.2

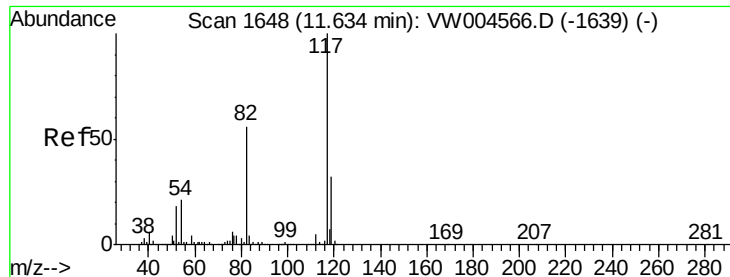


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





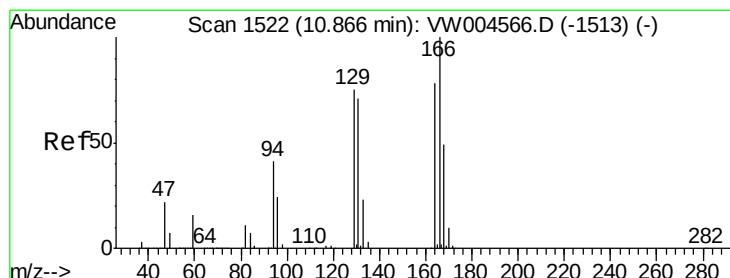
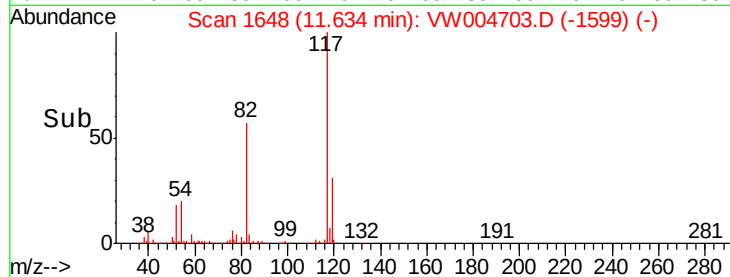
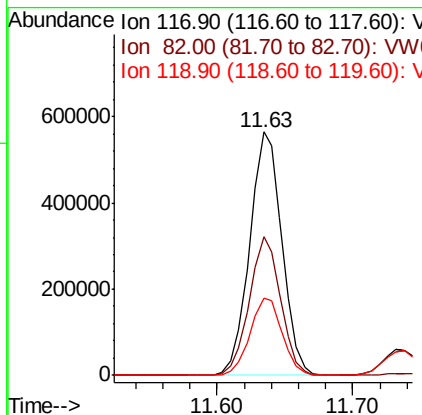
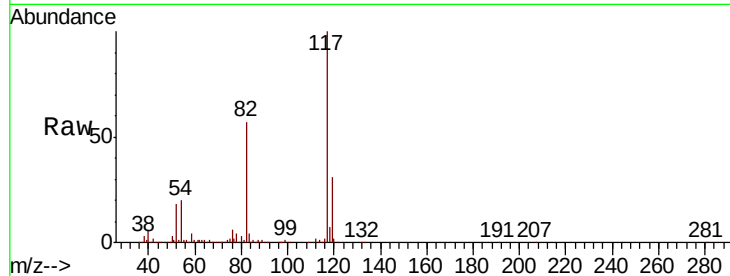
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100		936657		
82	56.8	45.3	67.9		
119	31.5	26.2	39.4		

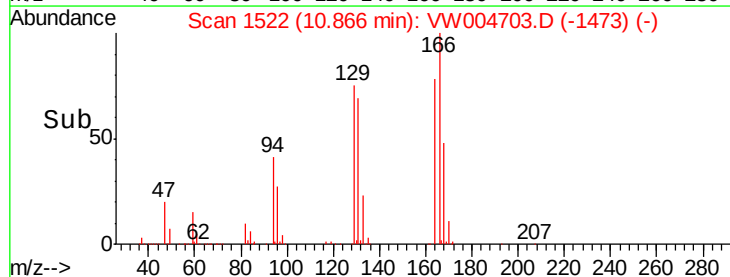
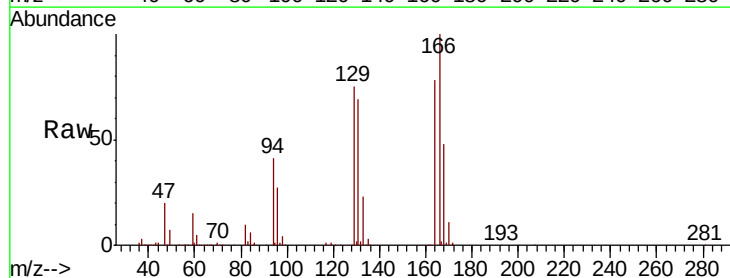
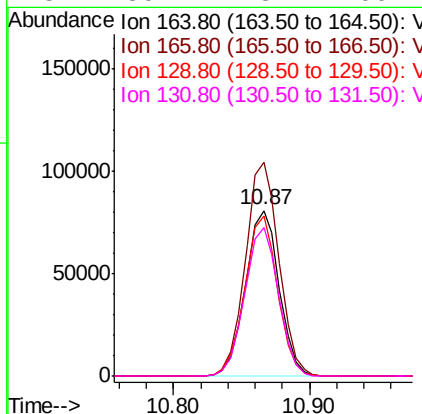
Manual Integrations
APPROVED

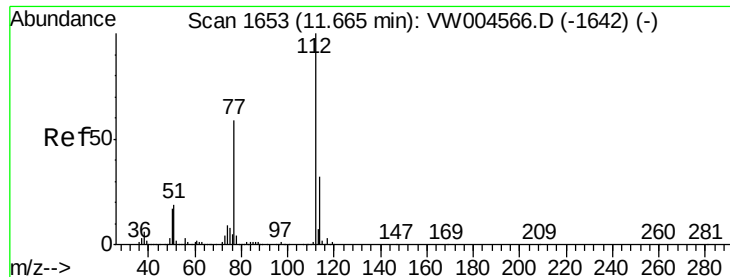
apatel
8/16/2018 10:01:28 AM



#64
Tetrachloroethene
Concen: 21.40 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		139823		
166	128.8	98.4	147.6		
129	96.9	73.6	110.4		
131	89.4	73.1	109.7		





#65

Chlorobenzene

Concen: 21.34 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBS01

Tot Ion:112 Resp: 440497

Ion Ratio Lower Upper

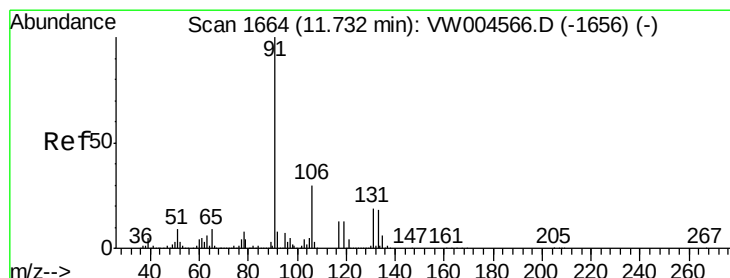
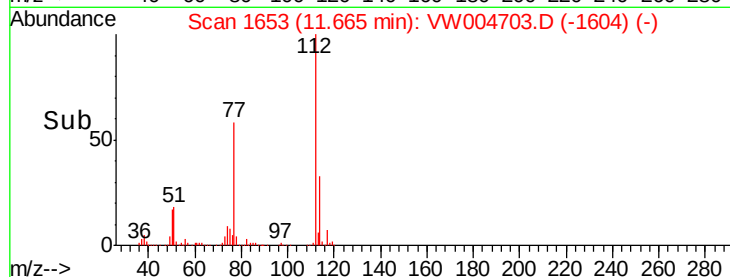
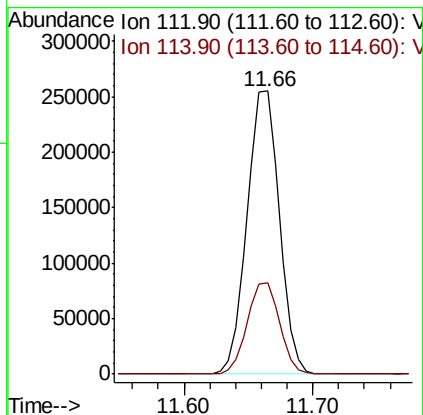
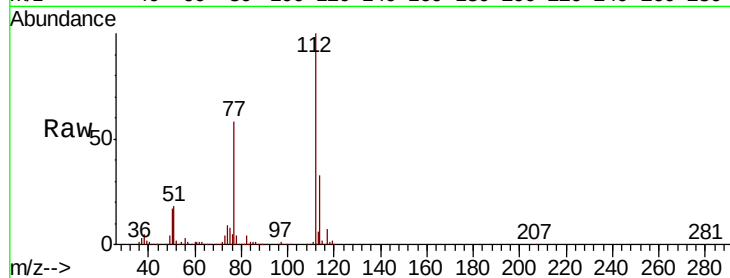
112 100

114 32.5 26.0 39.0

Manual Integrations
APPROVED

apatel

8/16/2018 10:01:28 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 20.86 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

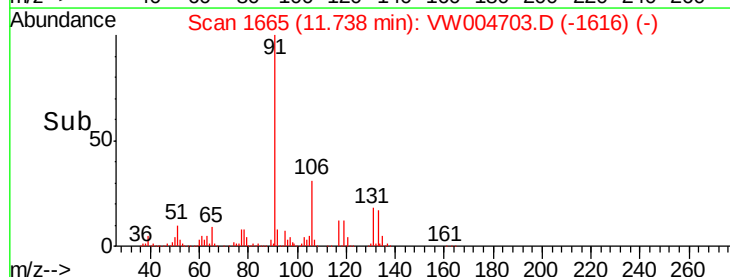
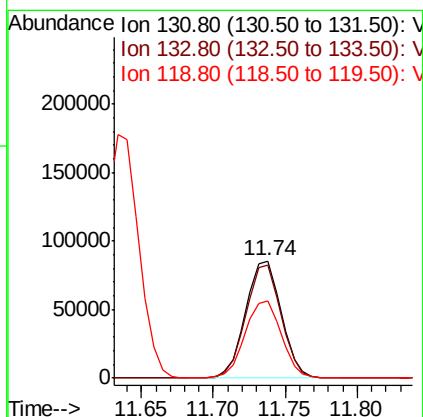
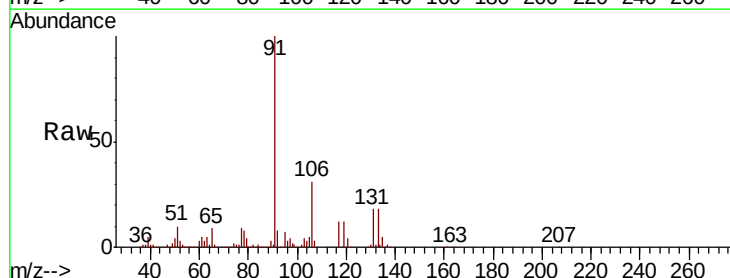
Tgt Ion:131 Resp: 146585

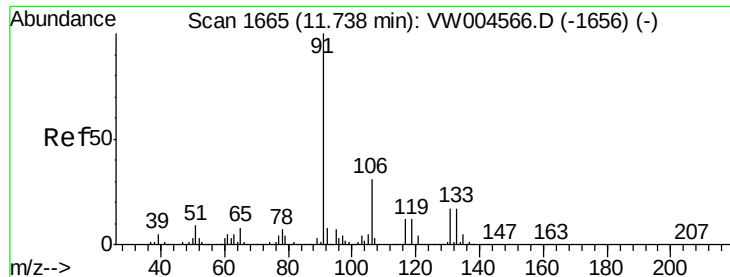
Ion Ratio Lower Upper

131 100

133 95.4 48.1 144.4

119 66.8 33.9 101.7





#67

Ethyl Benzene

Concen: 21.32 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

ClientSampled :

VW0817SBS01

Tot Ion: 91 Resp: 746013

Ion Ratio Lower Upper

91 100

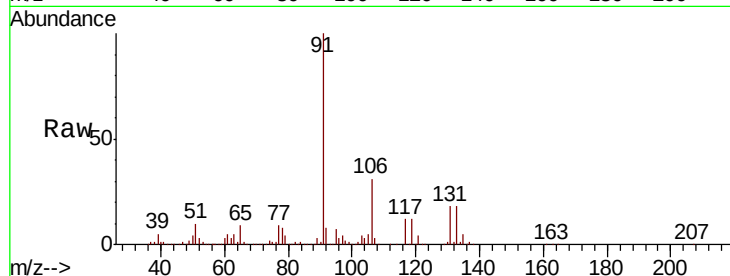
106 31.1 24.2 36.2

Manual Integrations

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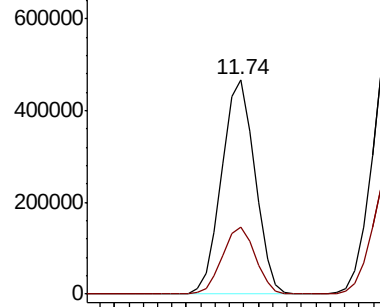
apatel

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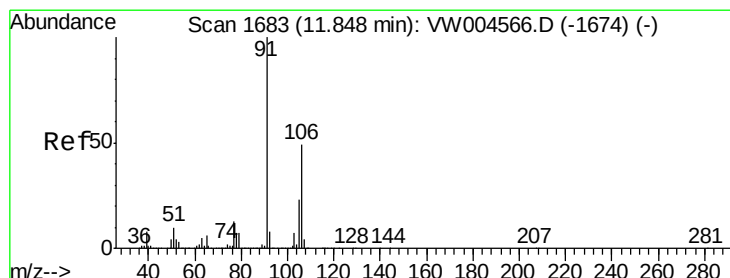
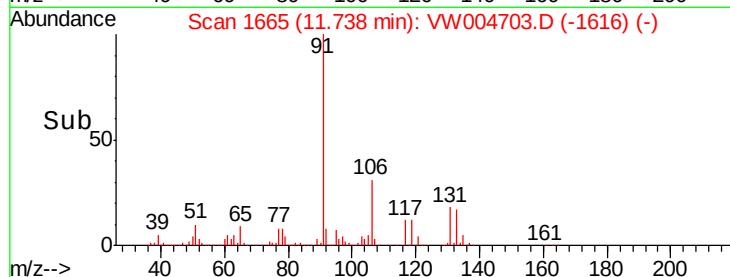


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



Time-->



#68

m/p-Xylenes

Concen: 43.94 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW004703.D

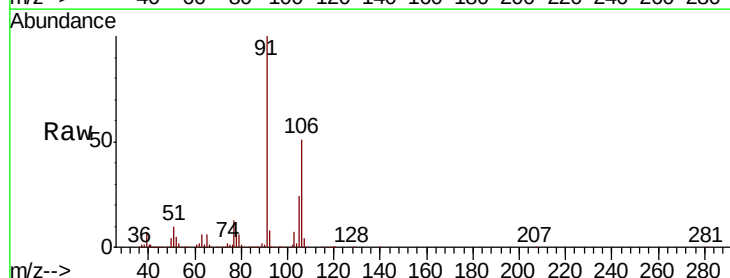
Acq: 15 Aug 2018 19:01

Tgt Ion: 106 Resp: 594228

Ion Ratio Lower Upper

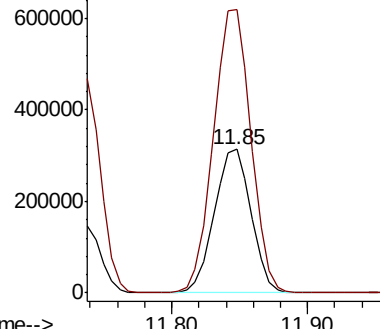
106 100

91 200.5 162.8 244.2

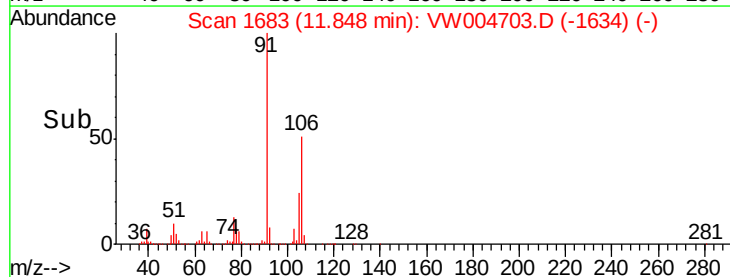


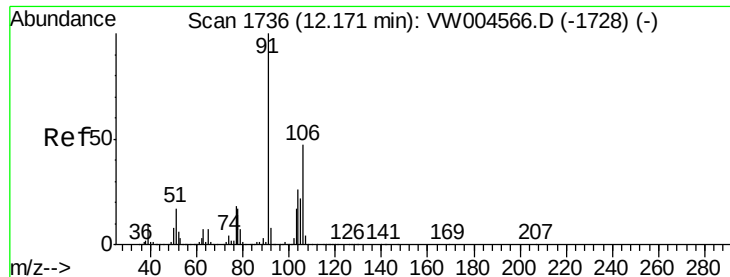
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



Time-->





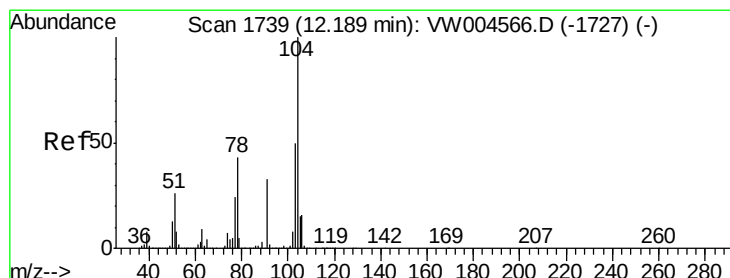
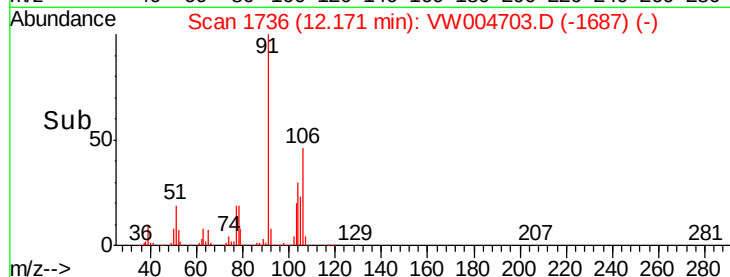
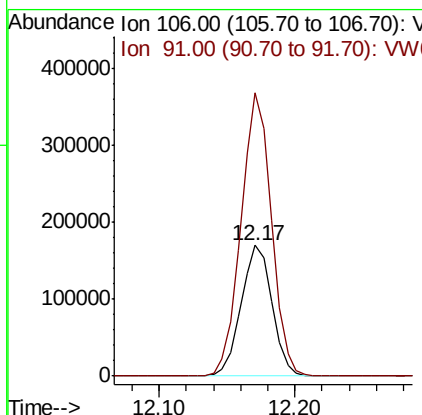
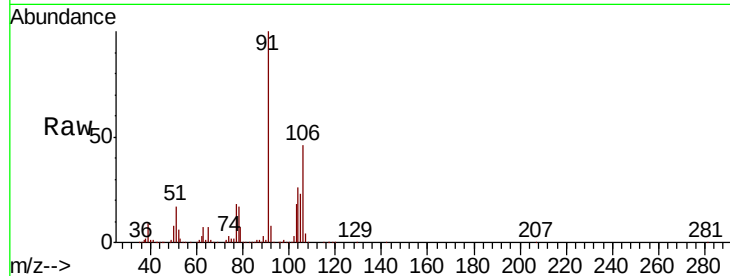
#69
o-Xylene
Concen: 21.58 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampled :
VW0817SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	270648		
91	91	212.8	106.7	320.2	

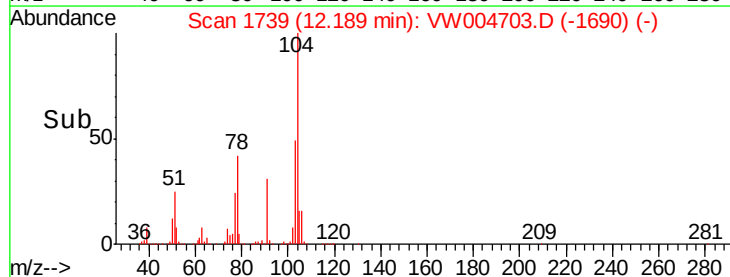
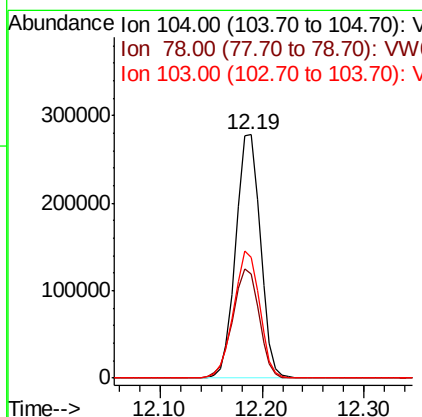
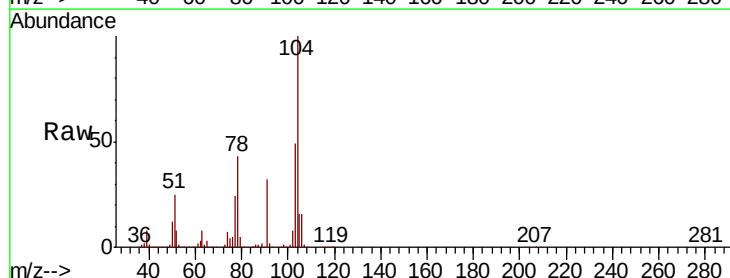
Manual Integrations
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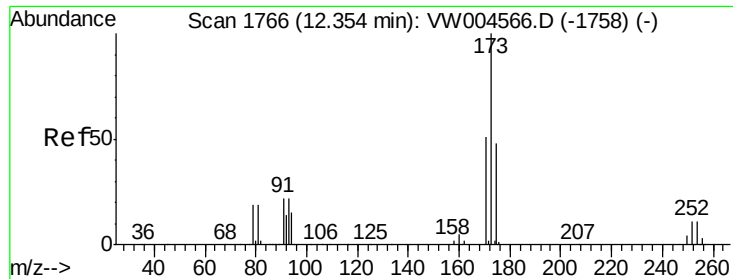
apatel
8/16/2018 10:01:28 AM



#70
Styrene
Concen: 21.95 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	465211		
78	78	48.1	39.0	58.4	
103	103	54.7	44.2	66.2	





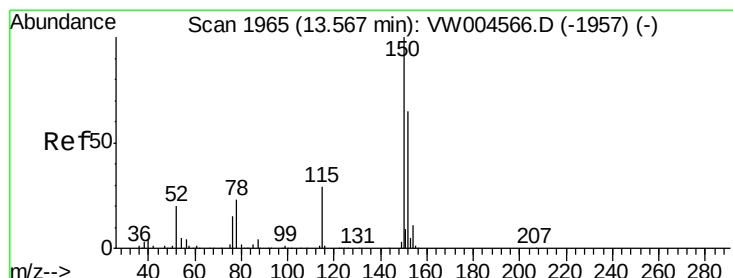
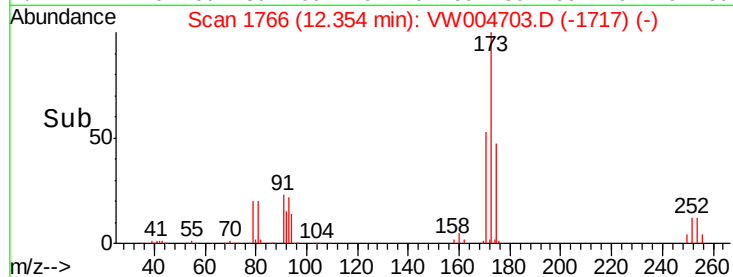
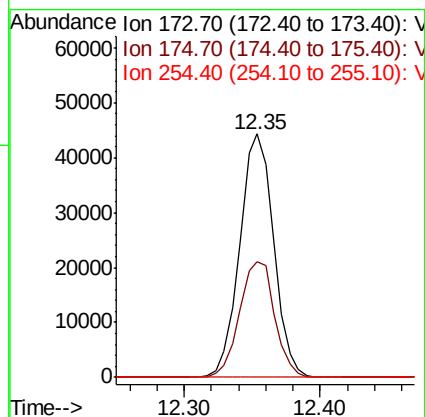
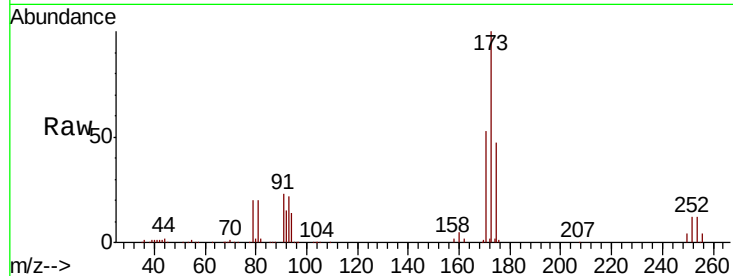
#71
Bromoform
Concen: 19.92 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.5	73.5
254	0.0	0.2	0.2

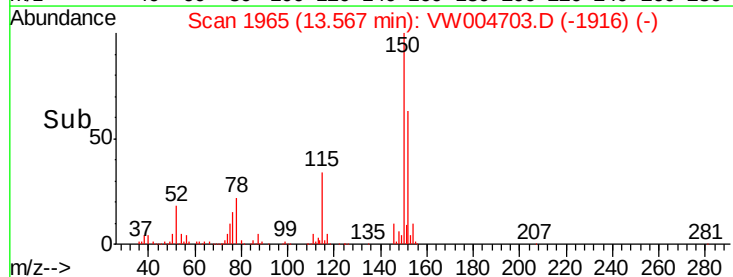
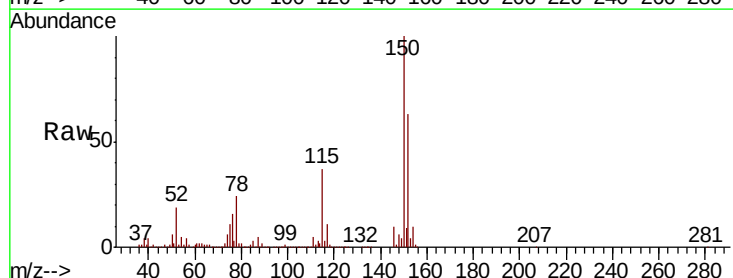
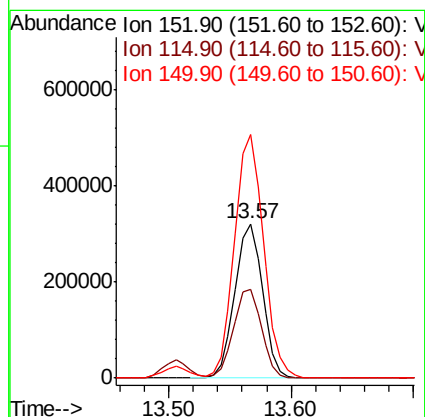
Manual Integrations
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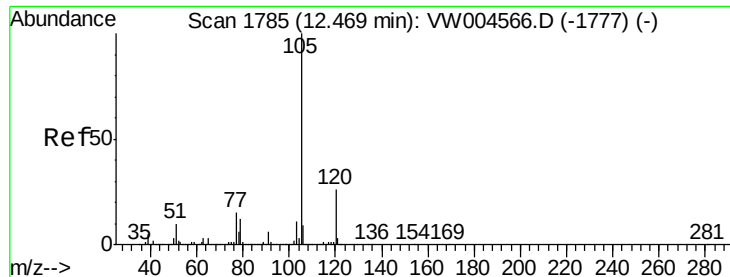
apatel
8/16/2018 10:01:28 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.1	87.3
150	165.5	0.0	349.6





#73

Isopropylbenzene

Concen: 21.52 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBS01

Tot Ion: 105 Resp: 748817

Ion Ratio Lower Upper

105 100

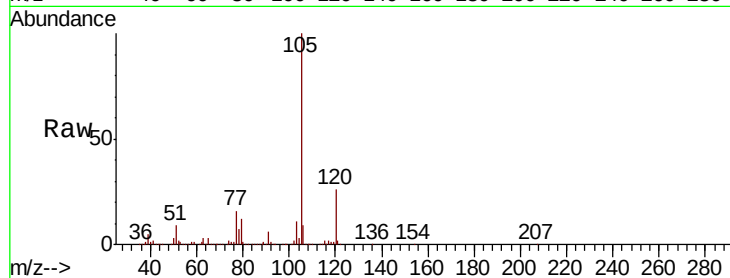
120 26.3 13.2 39.6

Manual Integrations

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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

500000

400000

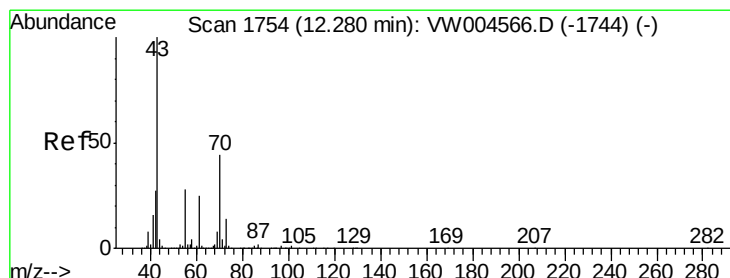
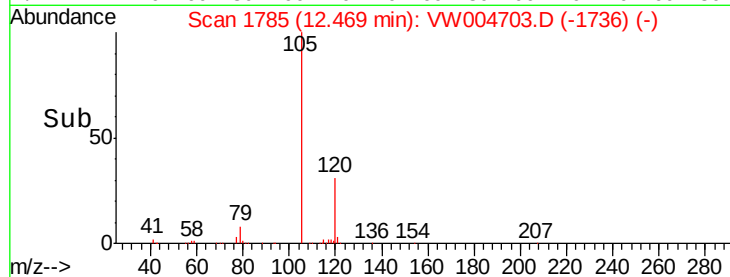
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.29 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Tgt Ion: 43 Resp: 154338

Ion Ratio Lower Upper

43 100

70 45.1 35.3 52.9

55 30.3 22.9 34.3

61 24.8 19.7 29.5

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

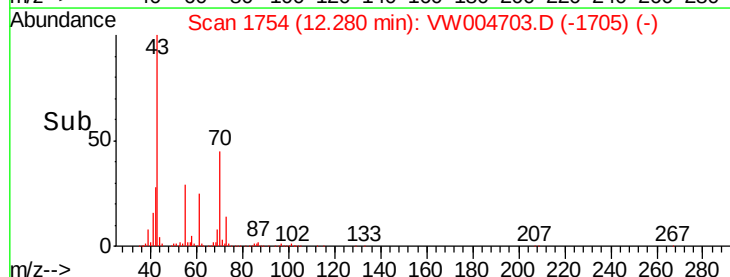
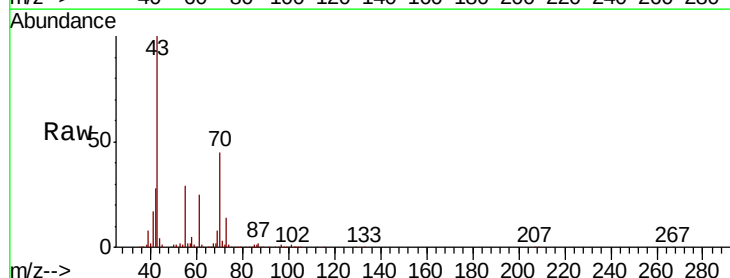
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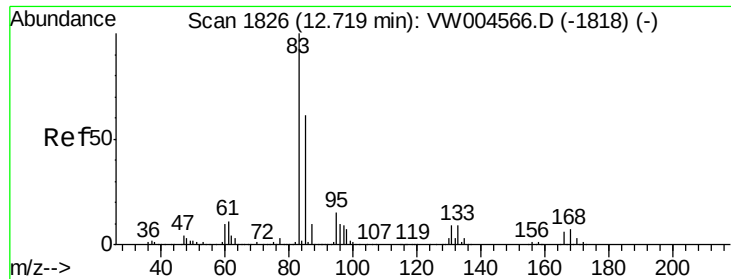
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.41 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

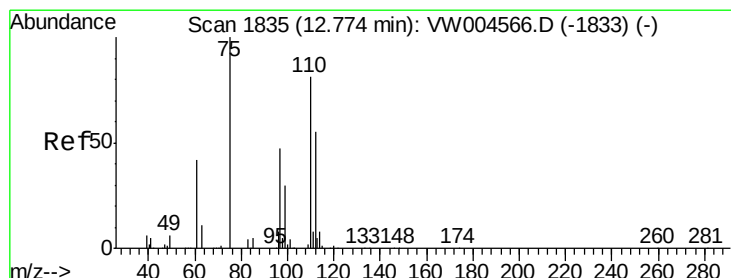
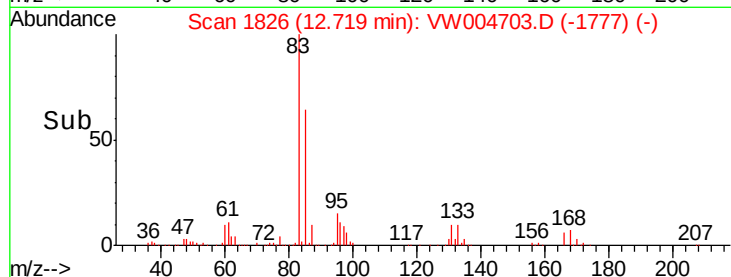
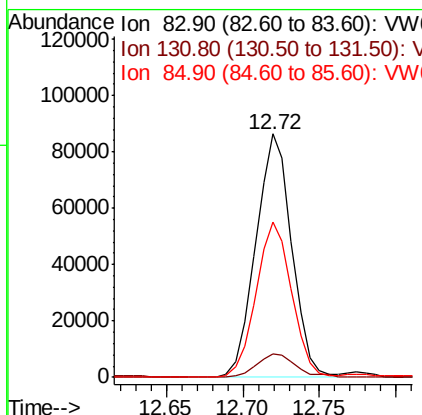
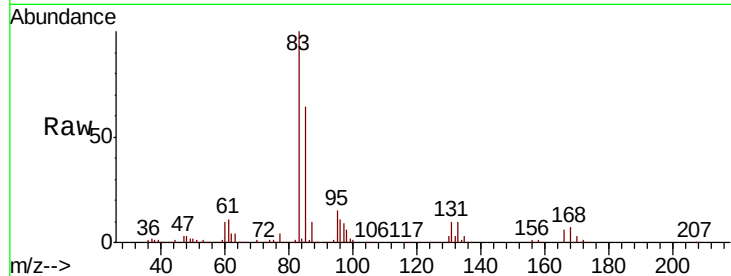
Client Sampled :

VW0817SBS01

Tot Ion:	83	Resp:	141018
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	15.0
85	63.6	31.8	95.4

Manual Integrations
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apatel
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#76

1,2,3-Trichloropropane

Concen: 17.64 ug/l m

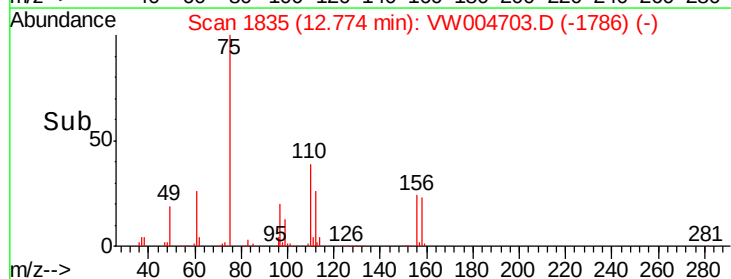
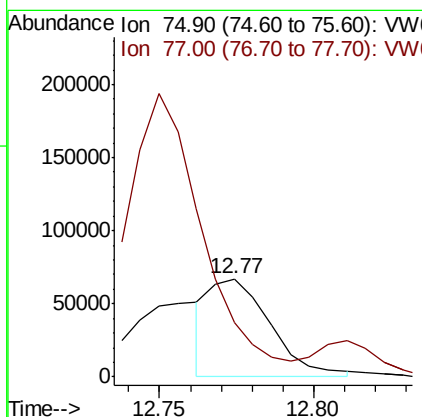
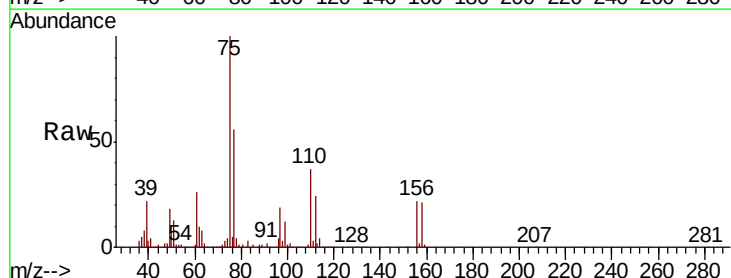
RT: 12.77 min Scan# 1835

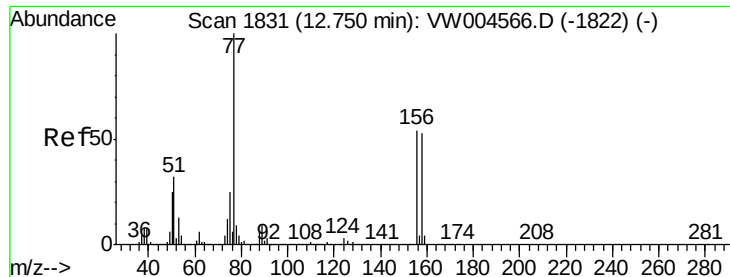
Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Tgt Ion:	75	Resp:	91803
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





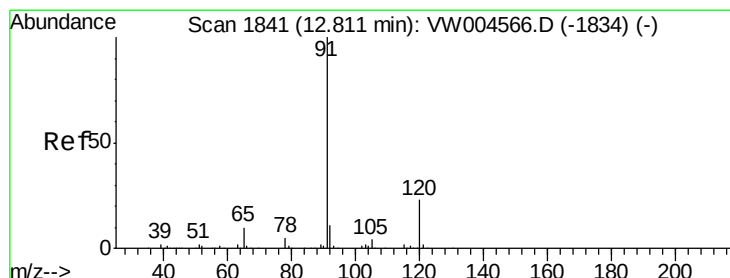
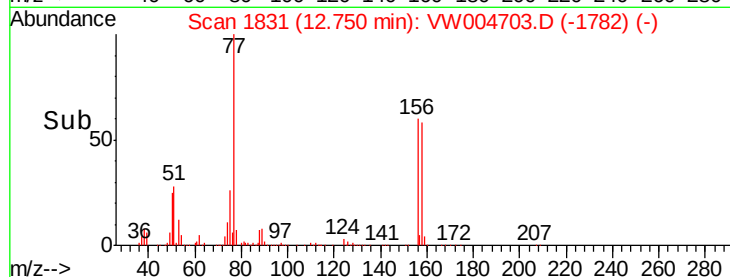
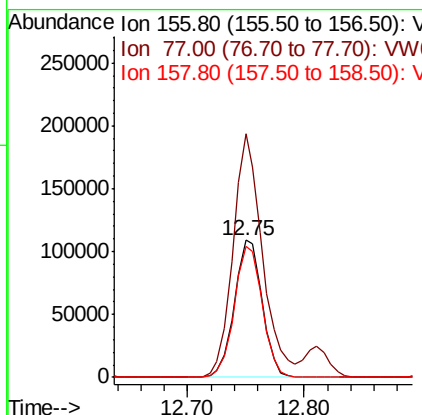
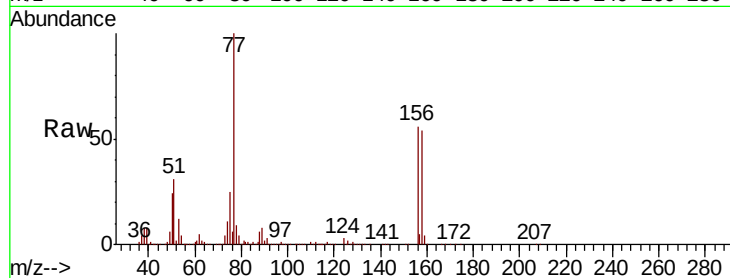
#77
Bromobenzene
Concen: 21.48 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampled :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	188.0	98.7	296.1
158	96.4	48.7	146.1

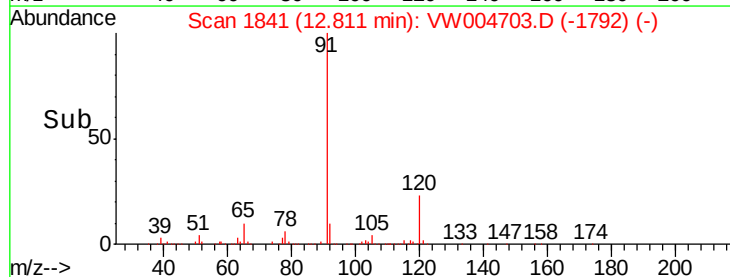
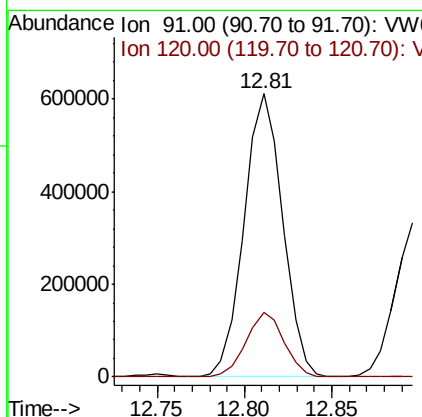
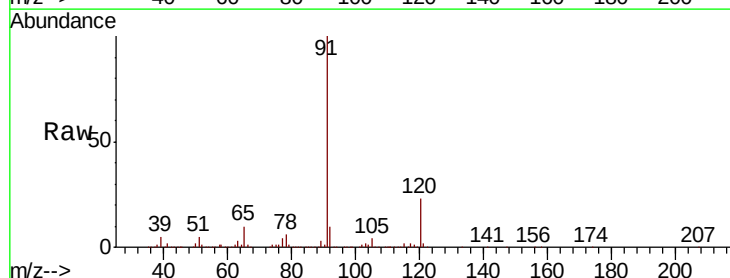
Manual Integrations
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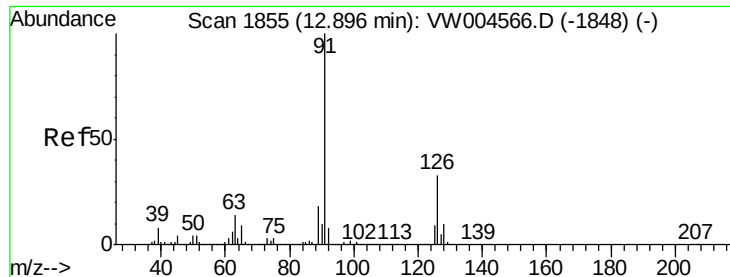
apatel
8/16/2018 10:01:28 AM



#78
n-propylbenzene
Concen: 21.78 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.9





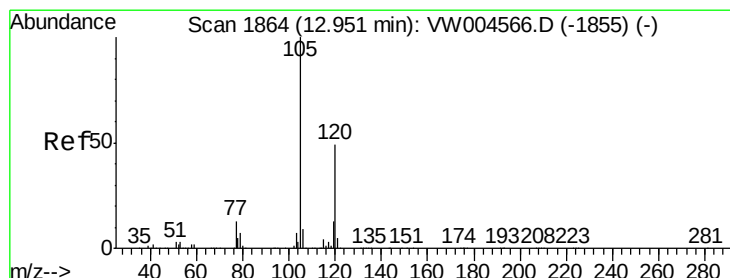
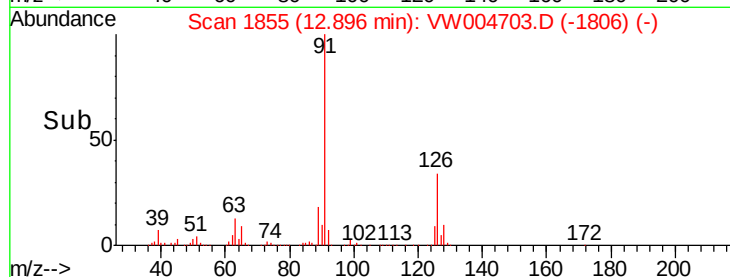
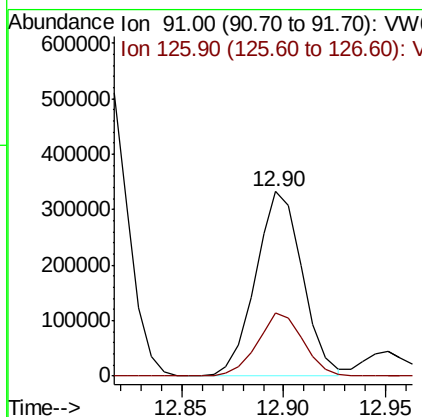
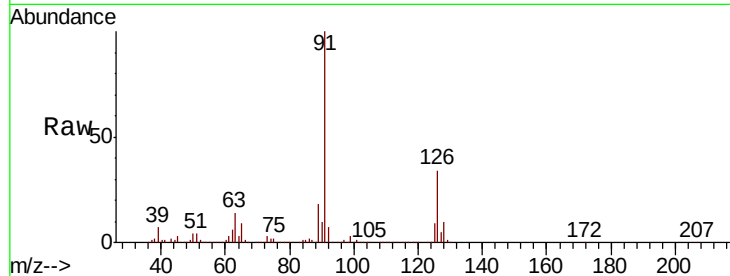
#79
 2-Chlorotoluene
 Concen: 21.25 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.6	49.8

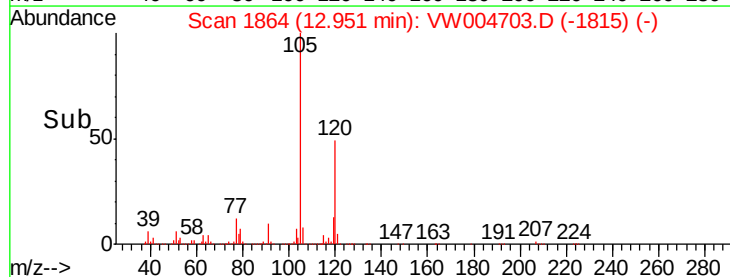
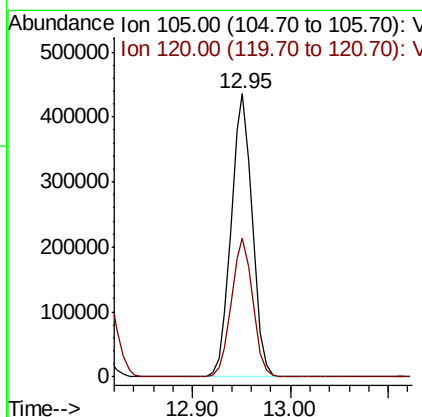
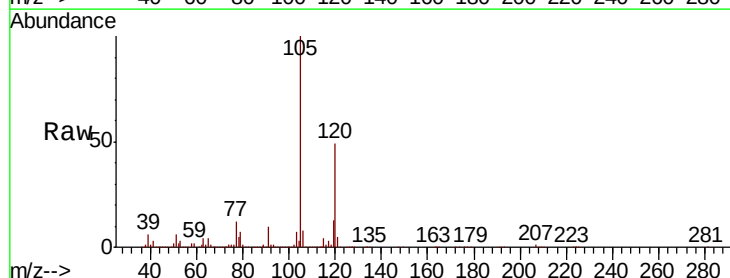
Manual Integrations
 APPROVED

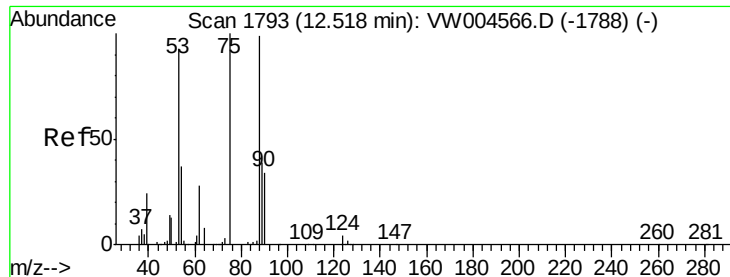
apatel
 8/16/2018 10:01:28 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.91 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.6	73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.87 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Instrument :

MSVOA_W

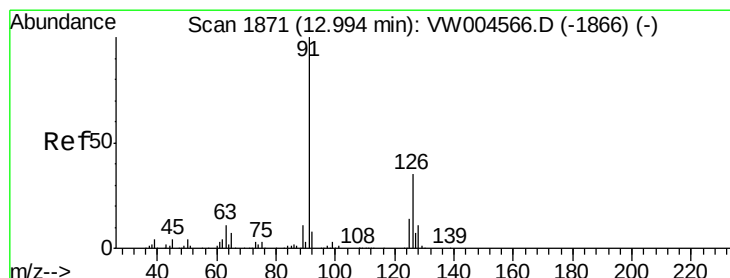
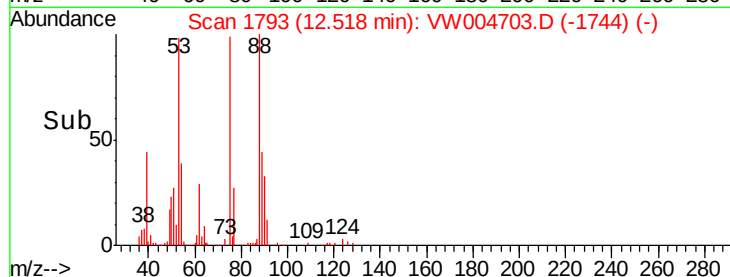
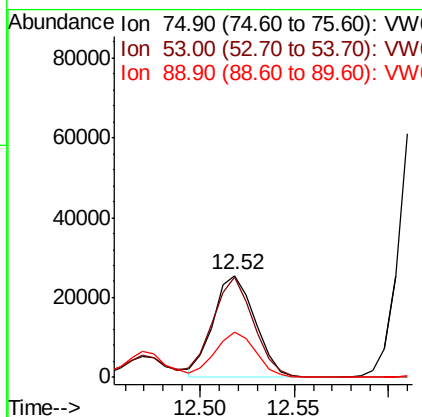
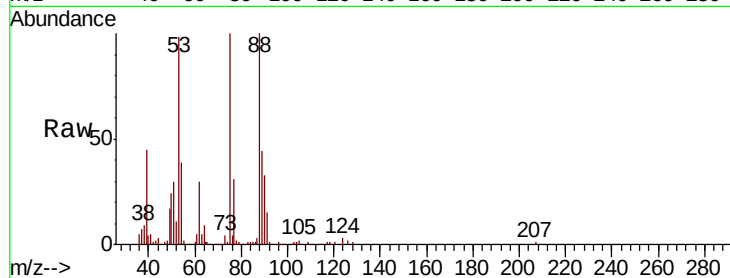
ClientSampleId :

VW0817SBS01

Tot Ion:	75	Resp:	38851
Ion Ratio	Lower	Upper	
75	100		
53	97.2	74.4	111.6
89	44.1	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.72 ug/l

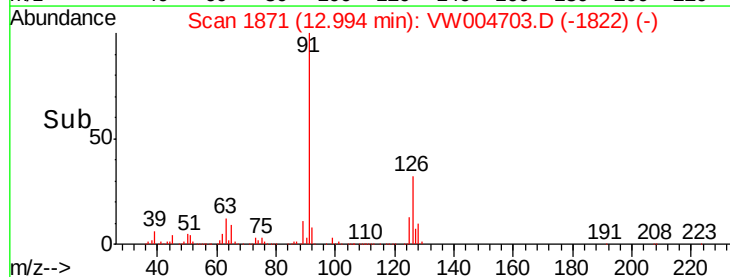
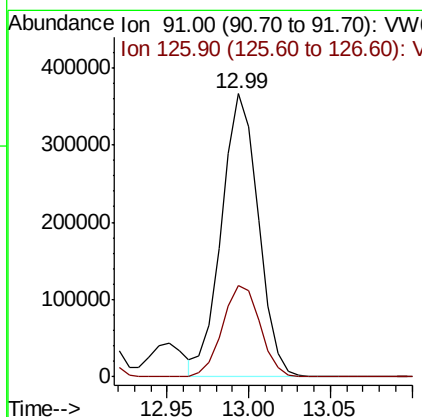
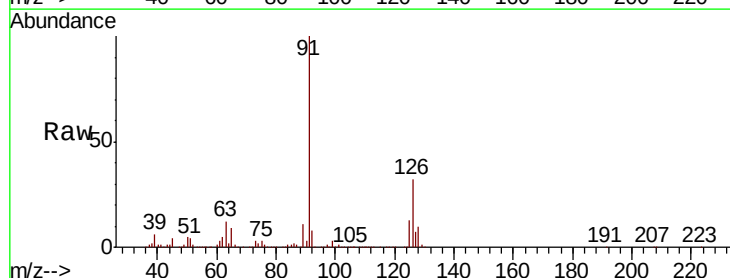
RT: 12.99 min Scan# 1871

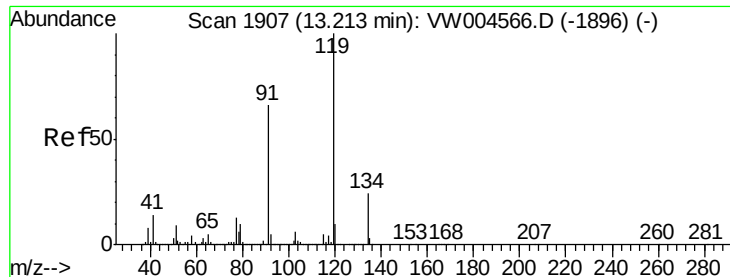
Delta R.T. 0.00 min

Lab File: VW004703.D

Acq: 15 Aug 2018 19:01

Tgt Ion:	91	Resp:	572801
Ion Ratio	Lower	Upper	
91	100		
126	33.3	16.5	49.5





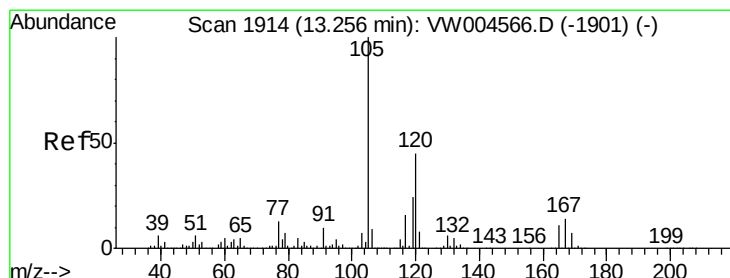
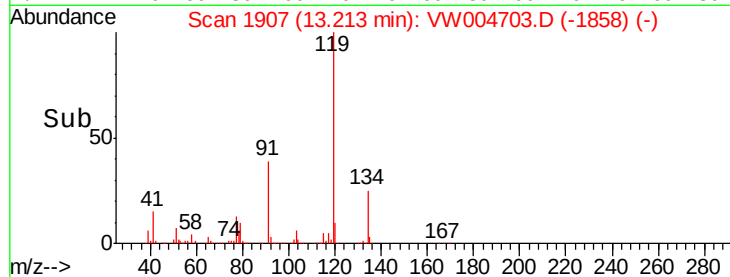
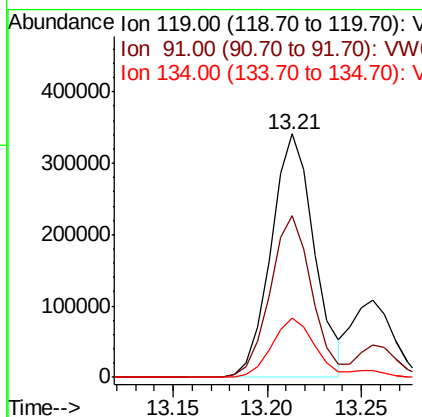
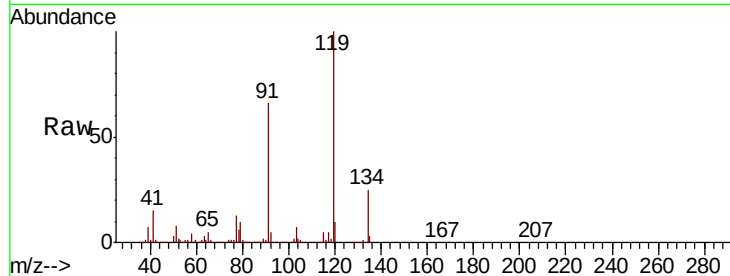
#83
 tert-Butylbenzene
 Concen: 21.72 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampled :
 VW0817SBS01

Tot Ion:	119	Resp:	540720
Ion Ratio	Lower	Upper	
119	100		
91	64.0	33.3	99.8
134	26.4	12.2	36.6

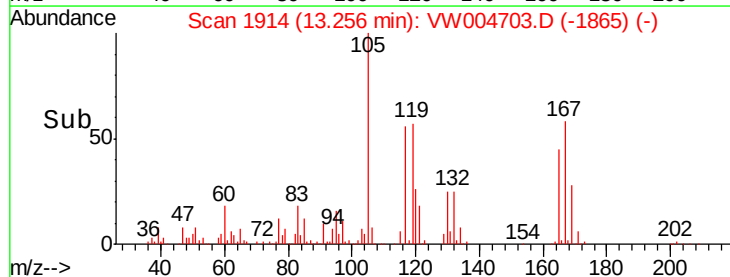
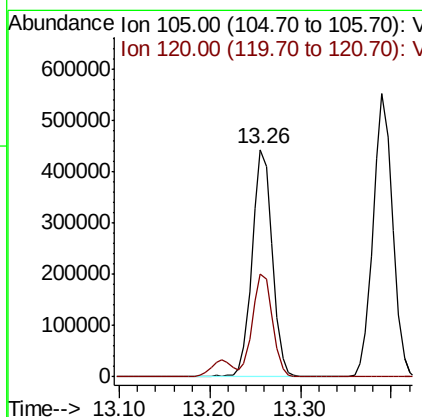
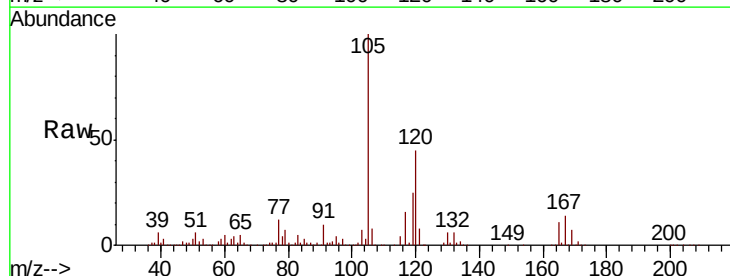
Manual Integrations
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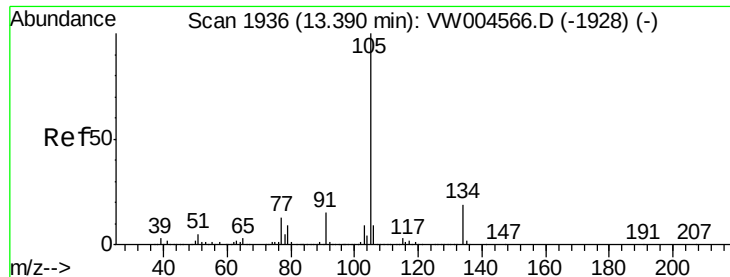
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.12 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion:	105	Resp:	679631
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.6	67.8





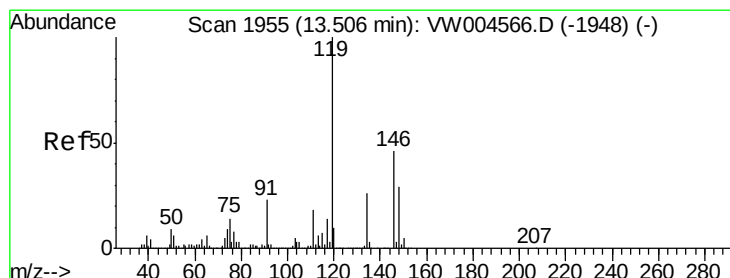
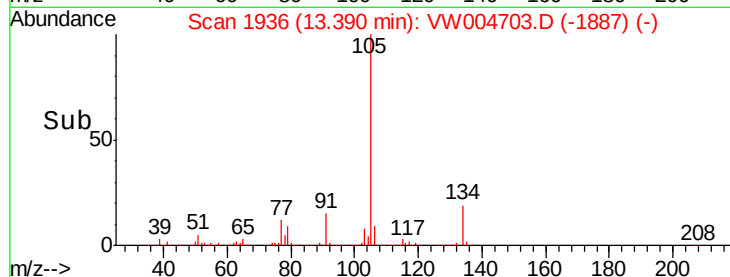
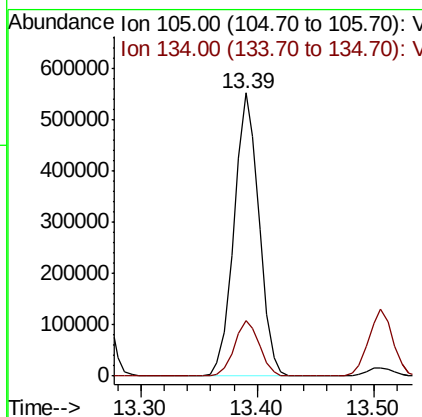
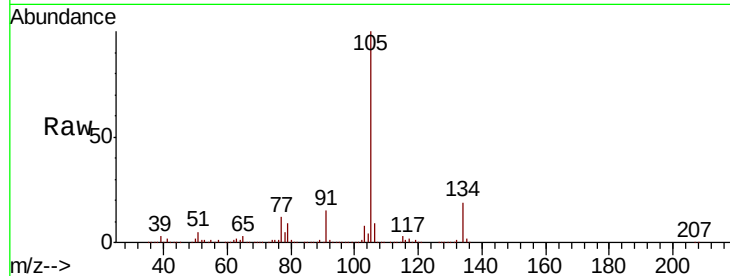
#85
 sec-Butylbenzene
 Concen: 21.86 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	821111		
134	19.7	9.8	29.5	

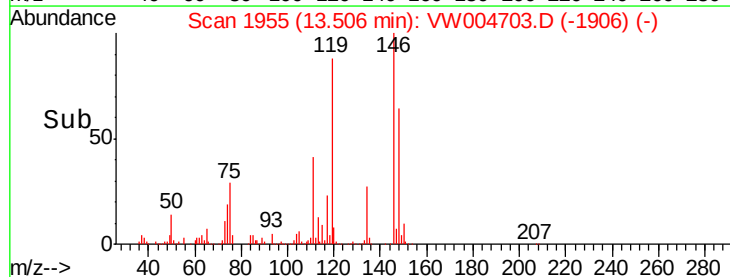
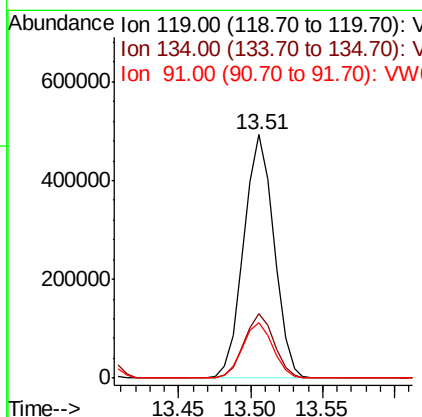
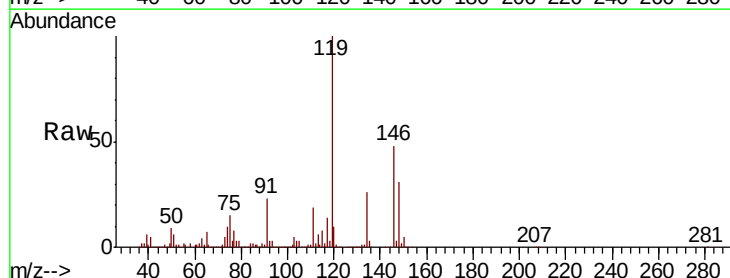
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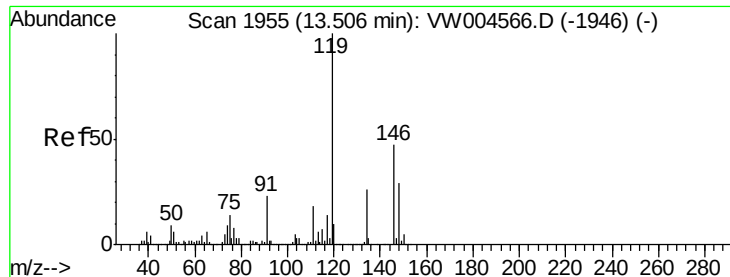
apatel
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#86
 p-Isopropyltoluene
 Concen: 22.03 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	716872		
134	26.2	13.1	39.1	
91	22.7	11.4	34.1	





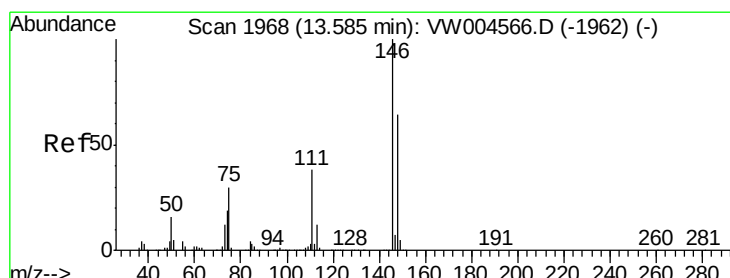
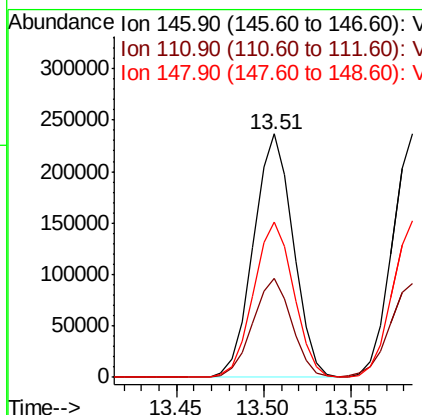
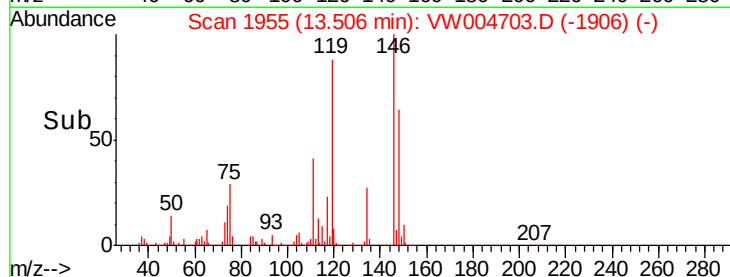
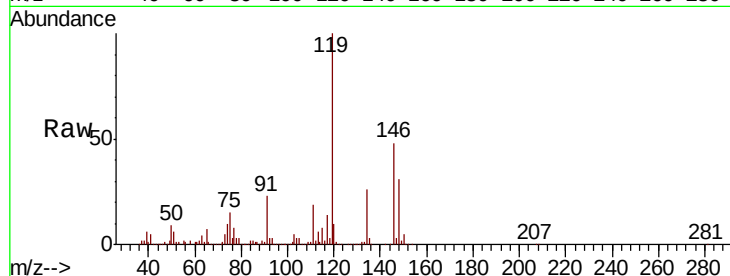
#87
 1,3-Dichlorobenzene
 Concen: 21.52 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	59.9
148	64.1	31.7	95.1

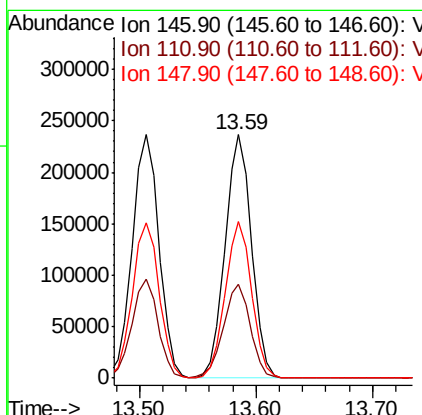
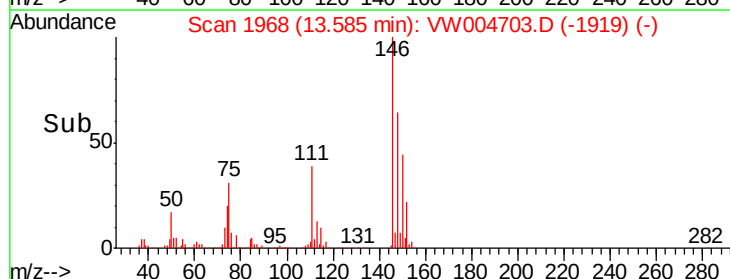
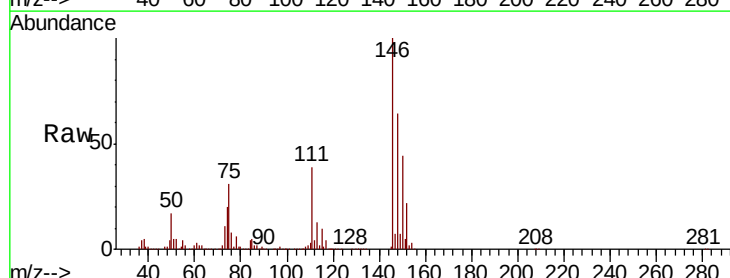
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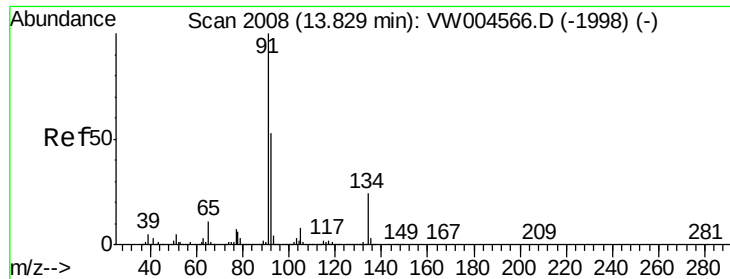
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 21.50 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	64.2	31.9	95.5





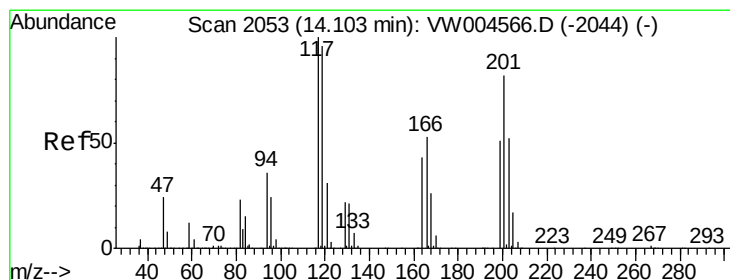
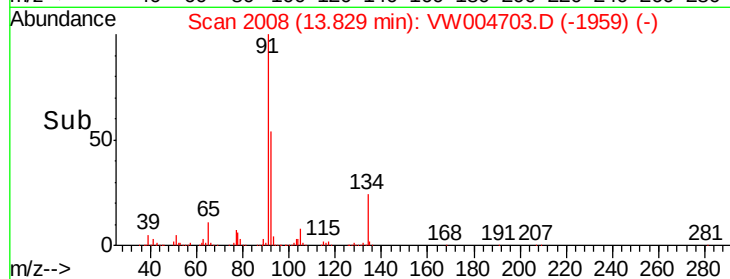
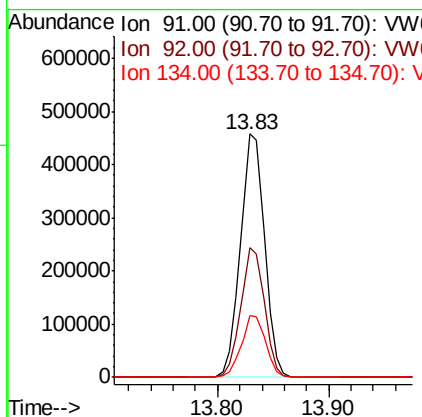
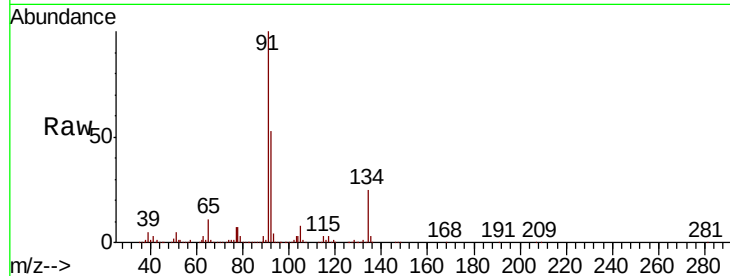
#89
n-Butylbenzene
Concen: 21.48 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.0
134	25.3	12.4	37.2

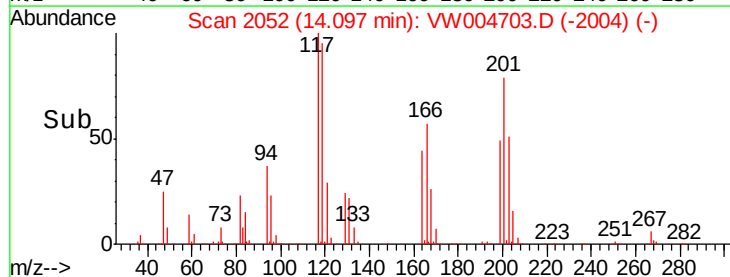
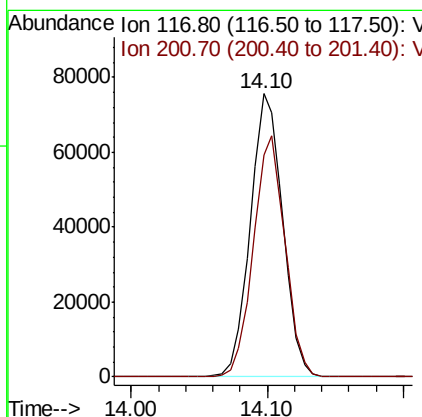
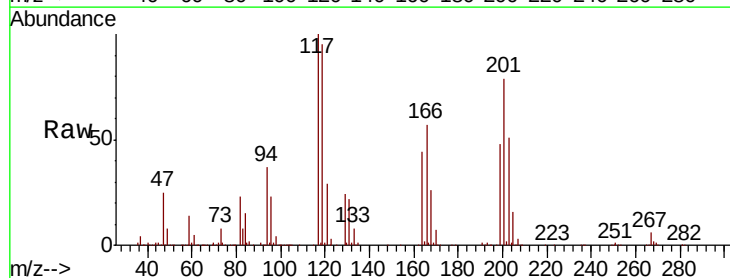
Manual Integrations
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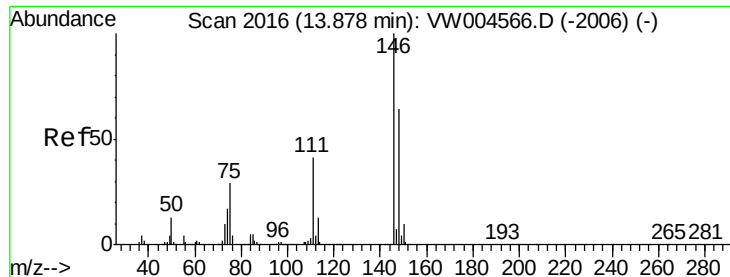
apatel
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#90
Hexachloroethane
Concen: 20.99 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.3	40.1	120.3





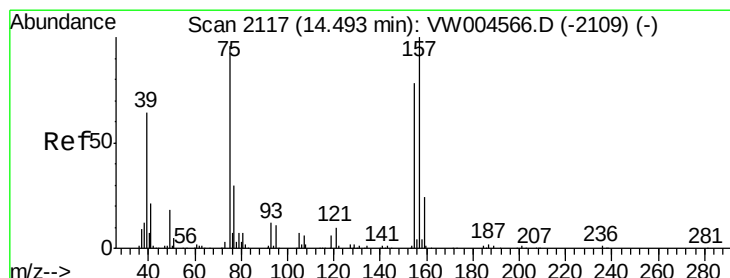
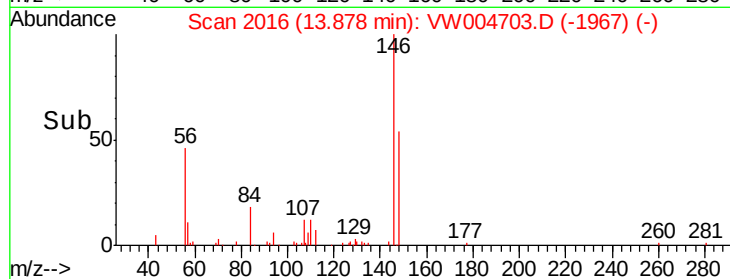
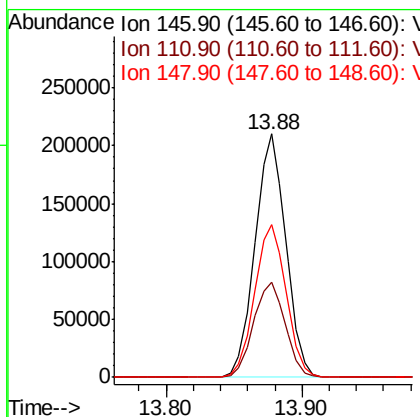
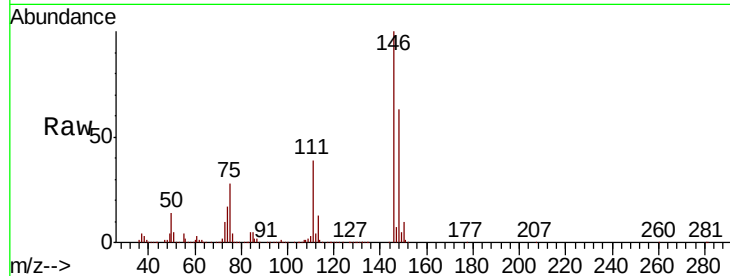
#91
 1,2-Dichlorobenzene
 Concen: 21.27 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	334681		
111	40.3		20.8	62.2
148	64.3		31.8	95.4

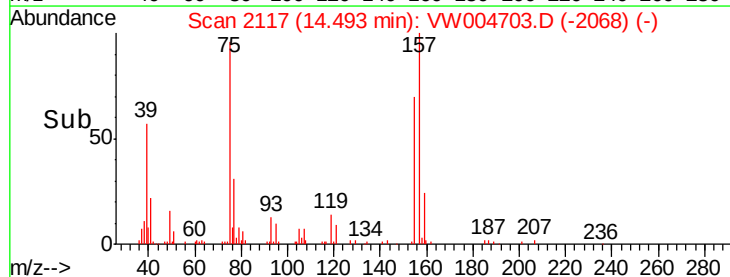
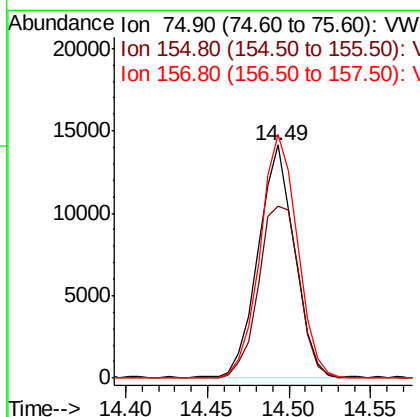
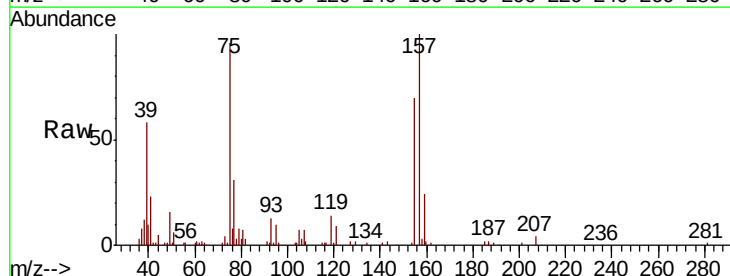
Manual Integrations
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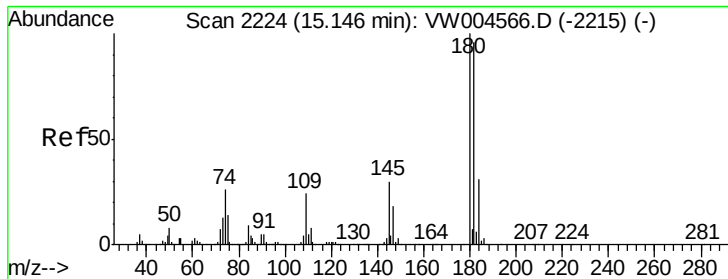
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.56 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22032		
155	82.4		41.3	123.7
157	106.6		52.6	157.8





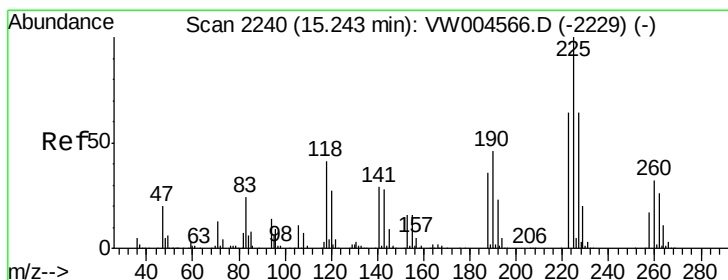
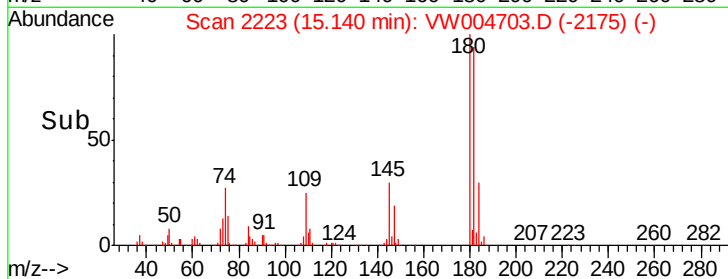
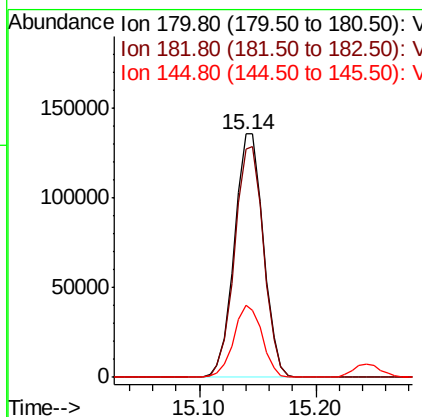
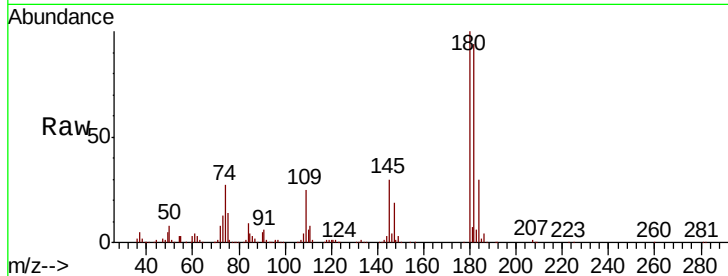
#93
 1,2,4-Trichlorobenzene
 Concen: 21.63 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	235673		
182	94.8	47.9	143.6	
145	29.0	14.9	44.9	

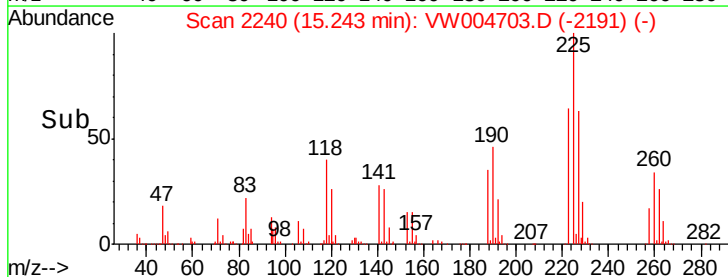
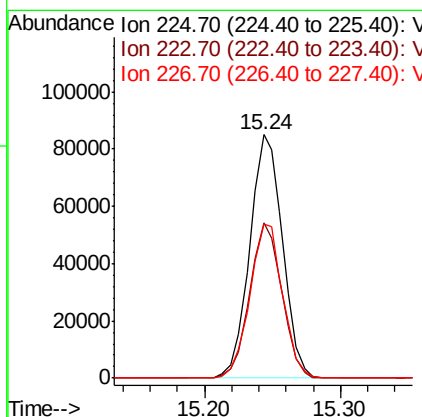
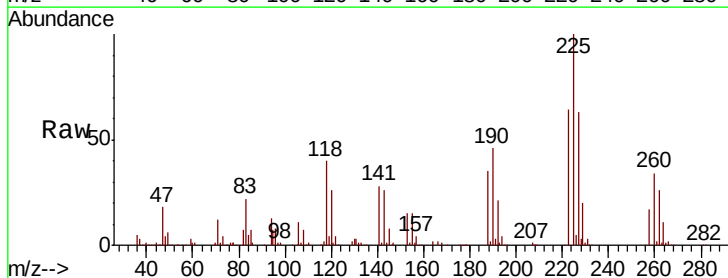
Manual Integrations
 APPROVED

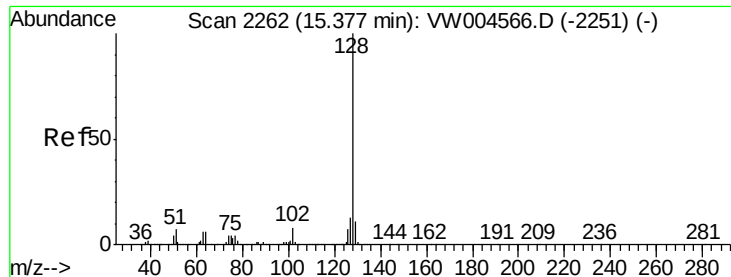
apatel
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#94
 Hexachlorobutadiene
 Concen: 22.57 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004703.D
 Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143216		
223	62.7	31.3	93.8	
227	63.5	31.8	95.4	





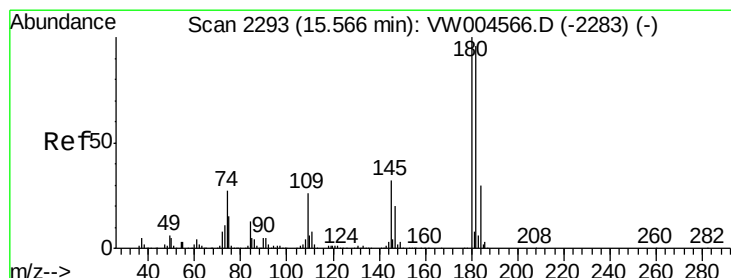
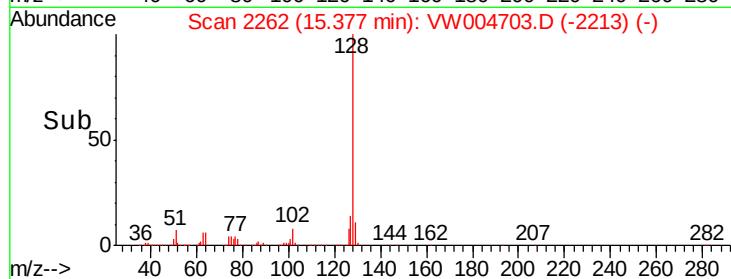
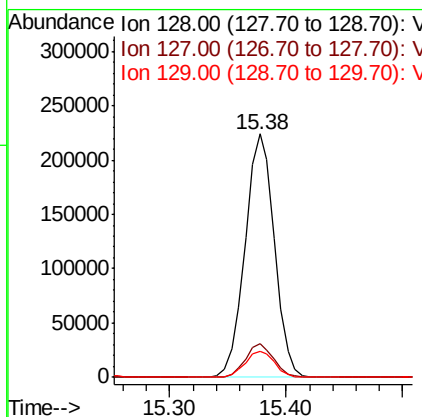
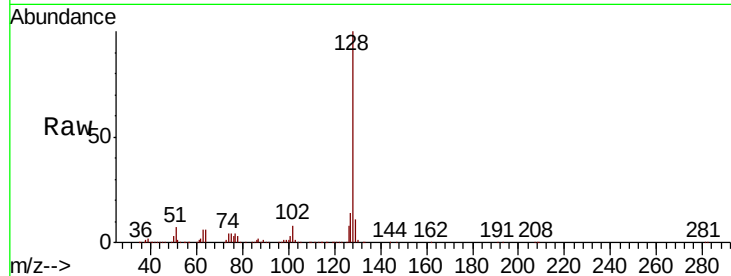
#95
Naphthalene
Concen: 19.39 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 21.63 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004703.D
Acq: 15 Aug 2018 19:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.0	141.2
145	30.6	15.9	47.6

