

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000966.D
 Acq On : 24 Jan 2018 23:35
 Operator : JC/SY
 Sample : VW0124SBS02
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS02

Manual Integrations
 APPROVED

MMDadoda
 1/25/2018 1:34:02 PM

Quant Time: Jan 25 06:20:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	361309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128713	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.88	113	112846	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	10.33	98	458612	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.63	95	168056	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	50954	19.08	ug/l	99
3) Chloromethane	2.22	50	45787	19.40	ug/l	98
4) Vinyl Chloride	2.36	62	40841	18.61	ug/l	99
5) Bromomethane	2.73	94	30182	18.70	ug/l	99
6) Chloroethane	2.90	64	22466	18.42	ug/l	95
7) Trichlorofluoromethane	3.25	101	74977	18.55	ug/l	98
8) Diethyl Ether	3.68	74	19396	19.16	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	53785	20.60	ug/l	99
10) Methyl Iodide	4.26	142	44920	19.51	ug/l	99
11) Tert butyl alcohol	5.18	59	18798m	65.31	ug/l	
12) 1,1-Dichloroethene	4.03	96	45226	20.15	ug/l	96
13) Acrolein	3.89	56	21356	75.99	ug/l	96
14) Allyl chloride	4.67	41	66270	18.95	ug/l	98
15) Acrylonitrile	5.38	53	73460	92.90	ug/l	99
16) Acetone	4.13	43	75862	79.33	ug/l	100
17) Carbon Disulfide	4.36	76	136425	18.41	ug/l	100
18) Methyl Acetate	4.68	43	34814	17.83	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	118797	20.61	ug/l	95
20) Methylene Chloride	4.91	84	50523	19.29	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	50266	19.28	ug/l	94
22) Diisopropyl ether	6.32	45	133630	21.35	ug/l	97
23) Vinyl Acetate	6.26	43	336609	86.54	ug/l	100
24) 1,1-Dichloroethane	6.21	63	85318	20.36	ug/l	99
25) 2-Butanone	7.18	43	103540	88.18	ug/l	95
26) 2,2-Dichloropropane	7.17	77	80776	19.04	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	54331	20.16	ug/l	97
28) Bromochloromethane	7.51	49	34482	19.59	ug/l #	99
29) Tetrahydrofuran	7.53	42	58361	90.33	ug/l	100
30) Chloroform	7.68	83	90934	20.12	ug/l	99
31) Cyclohexane	7.95	56	82355	19.04	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	85527	19.58	ug/l	100
36) 1,1-Dichloropropene	8.08	75	71348	19.16	ug/l	99
37) Ethyl Acetate	7.26	43	39594	18.84	ug/l	100
38) Carbon Tetrachloride	8.07	117	76606	18.65	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84192	18.77	ug/l	94
40) Benzene	8.32	78	199663	19.72	ug/l	98
41) Methacrylonitrile	7.48	41	22748	19.29	ug/l	98
42) 1,2-Dichloroethane	8.40	62	62191	19.94	ug/l	99
43) Isopropyl Acetate	8.43	43	67647	18.99	ug/l	99
44) Trichloroethene	9.09	130	59369	19.74	ug/l	100
45) 1,2-Dichloropropane	9.37	63	48071	20.35	ug/l	99
46) Dibromomethane	9.46	93	29776	19.73	ug/l	99
47) Bromodichloromethane	9.65	83	67013	20.08	ug/l	99
48) Methyl methacrylate	9.45	41	32881	19.22	ug/l	99
49) 1,4-Dioxane	9.45	88	12077	366.17	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	191942	93.63	ug/l	100
52) Toluene	10.40	92	130686	20.43	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	66534	19.68	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	74466	20.02	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	43150	20.48	ug/l	99
56) Ethyl methacrylate	10.65	69	49674	19.68	ug/l	99
57) 1,3-Dichloropropane	10.94	76	69383	20.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	107681	85.98	ug/l	99
59) 2-Hexanone	10.98	43	137464	86.47	ug/l	99
60) Dibromochloromethane	11.14	129	49905	19.61	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43158	19.66	ug/l	99
64) Tetrachloroethene	10.87	164	64975	21.67	ug/l	97
65) Chlorobenzene	11.67	112	148215	19.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	53692	20.17	ug/l	99
67) Ethyl Benzene	11.74	91	247411	19.76	ug/l	99
68) m/p-Xylenes	11.85	106	194024	39.86	ug/l	99
69) o-Xylene	12.18	106	88742	19.88	ug/l	99
70) Styrene	12.20	104	147614	20.29	ug/l	99
71) Bromoform	12.36	173	34723	19.23	ug/l #	97
73) Isopropylbenzene	12.48	105	252864	19.89	ug/l	100
74) N-amyl acetate	12.29	43	60313	19.53	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	52118	19.18	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	41405m	18.18	ug/l	
77) Bromobenzene	12.76	156	64613	19.97	ug/l	99
78) n-propylbenzene	12.82	91	305330	19.90	ug/l	99
79) 2-Chlorotoluene	12.91	91	172968	19.99	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	218771	20.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12940	17.49	ug/l	99
82) 4-Chlorotoluene	13.01	91	183753	19.99	ug/l	100
83) tert-Butylbenzene	13.23	119	188489	19.89	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	222362	20.33	ug/l	99
85) sec-Butylbenzene	13.40	105	271092	19.82	ug/l	100
86) p-Isopropyltoluene	13.52	119	240432	19.82	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	129775	20.23	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	128634	20.05	ug/l	99
89) n-Butylbenzene	13.84	91	221329	19.42	ug/l	99
90) Hexachloroethane	14.12	117	43786	19.42	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	117934	20.41	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11081	18.48	ug/l	96

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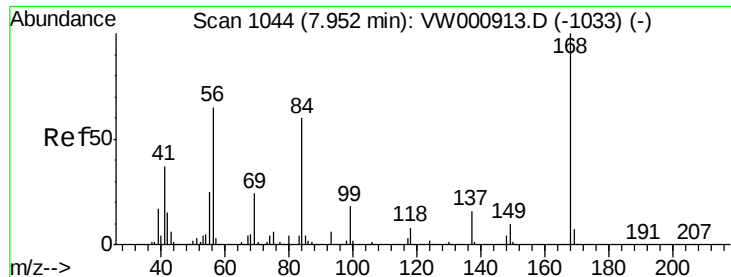
Manual Integrations
APPROVED

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1/25/2018 1:34:02 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	88203	20.48	ug/l	99
94) Hexachlorobutadiene	15.26	225	54448	19.94	ug/l	98
95) Naphthalene	15.39	128	182284	20.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	82685	20.87	ug/l	100

(#) = 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: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

Tot Ion:168 Resp: 276922

Ion Ratio Lower Upper

168 100

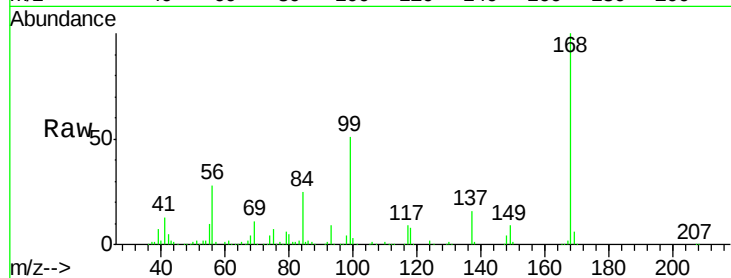
99 50.8 40.6 61.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

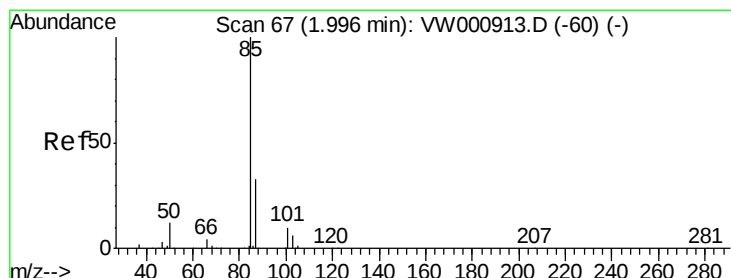
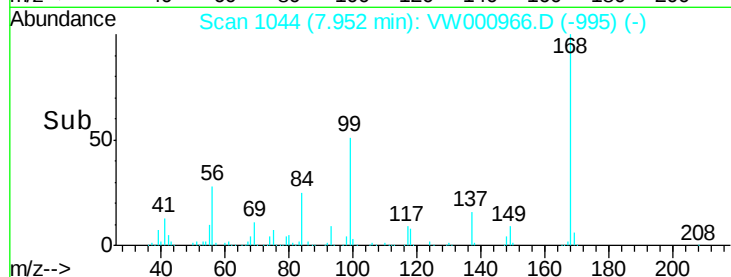
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.08 ug/l

RT: 2.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VW000966.D

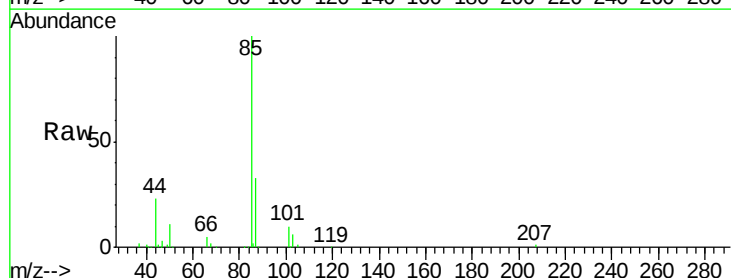
Acq: 24 Jan 2018 23:35

Tgt Ion: 85 Resp: 50954

Ion Ratio Lower Upper

85 100

87 32.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

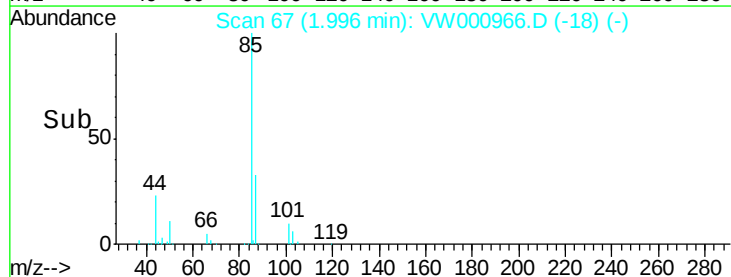
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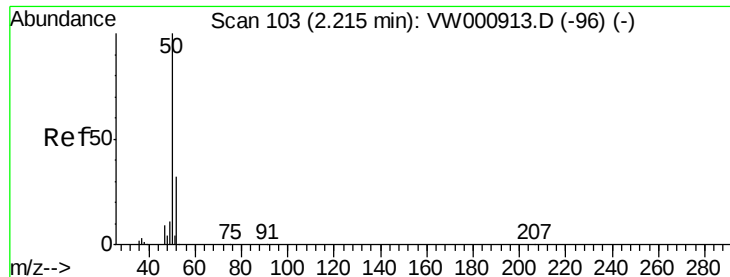
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 19.40 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

Tot Ion: 50 Resp: 45787

Ion Ratio Lower Upper

50 100

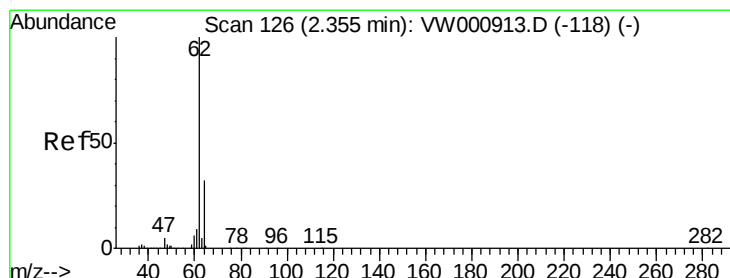
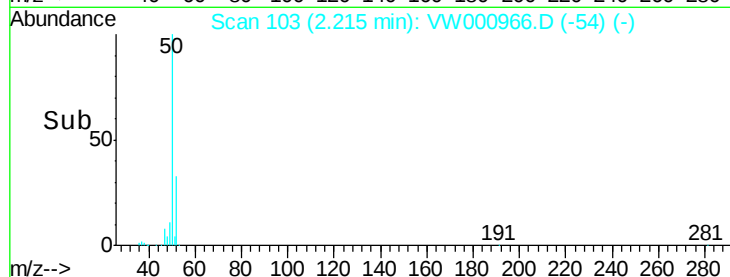
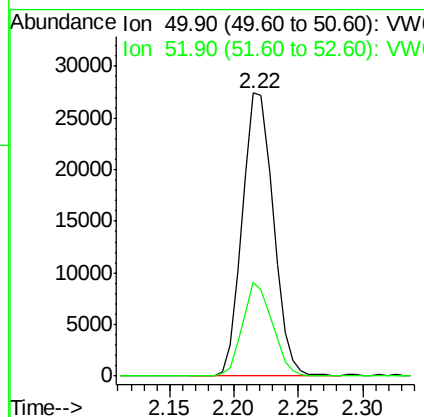
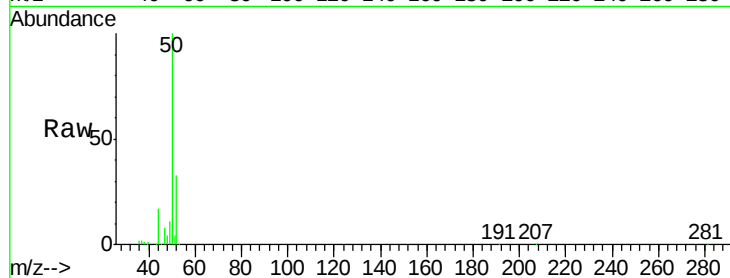
52 33.2 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.61 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW000966.D

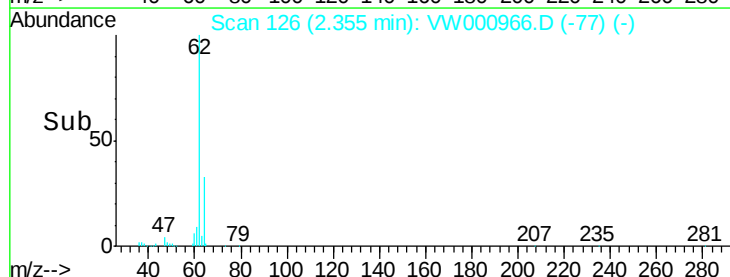
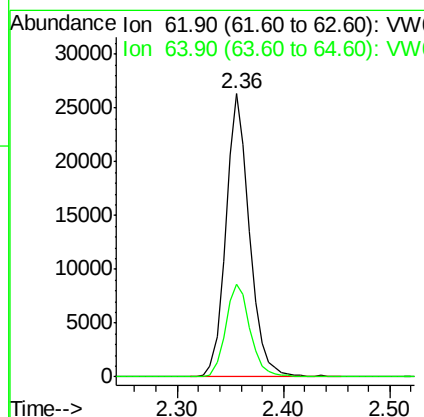
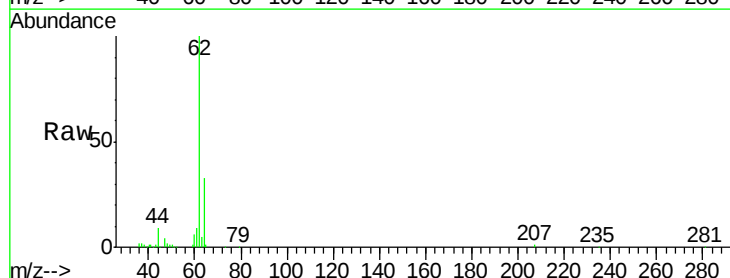
Acq: 24 Jan 2018 23:35

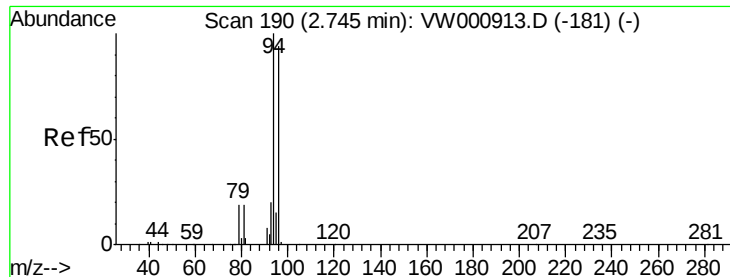
Tgt Ion: 62 Resp: 40841

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4





#5

Bromomethane

Concen: 18.70 ug/l

RT: 2.73 min Scan# 188

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

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ClientSampleId :

VW0124SBSD02

Tot Ion: 94 Resp: 30182

Ion Ratio Lower Upper

94 100

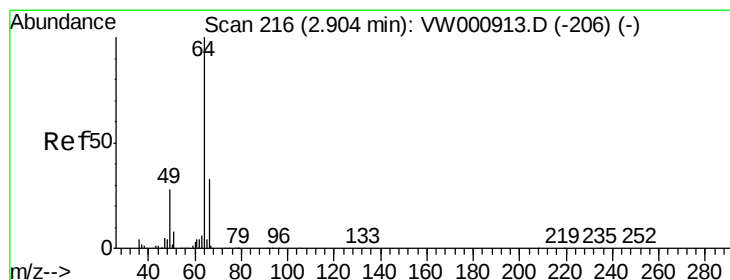
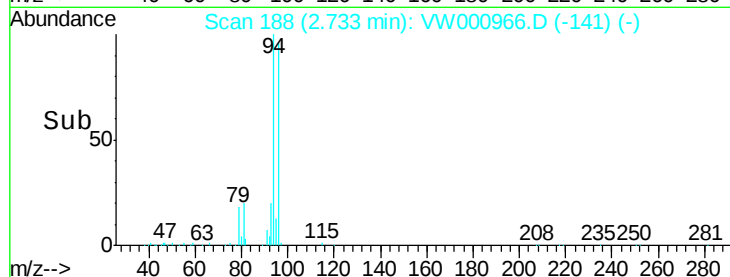
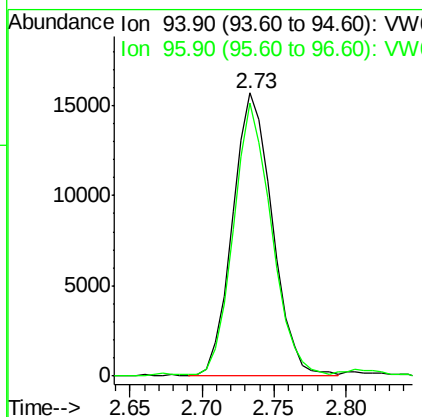
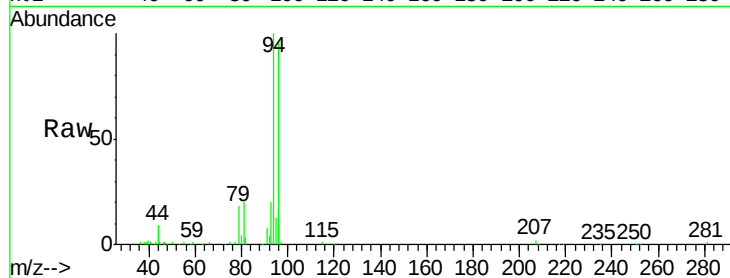
96 95.8 75.5 113.3

Manual Integrations

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1/25/2018 1:34:02 PM



#6

Chloroethane

Concen: 18.42 ug/l

RT: 2.90 min Scan# 215

Delta R.T. -0.01 min

Lab File: VW000966.D

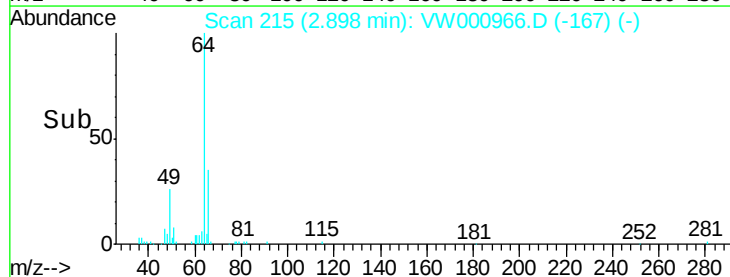
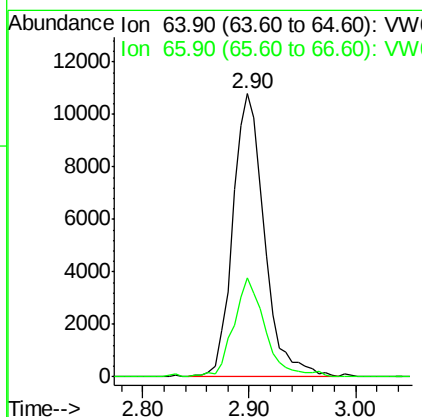
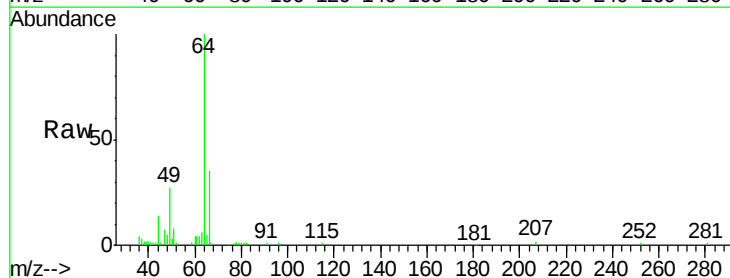
Acq: 24 Jan 2018 23:35

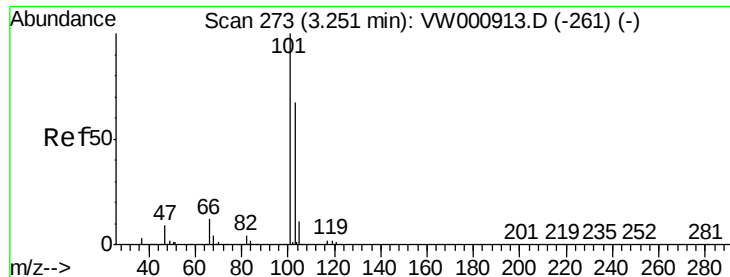
Tgt Ion: 64 Resp: 22466

Ion Ratio Lower Upper

64 100

66 35.2 26.1 39.1





#7

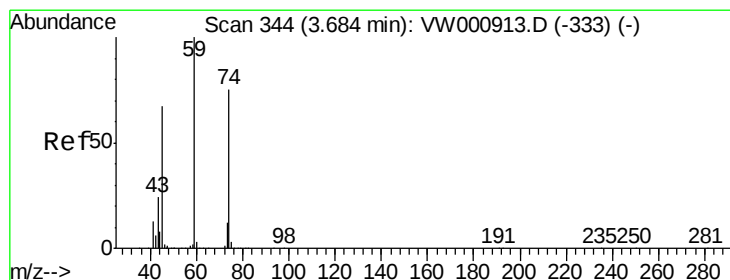
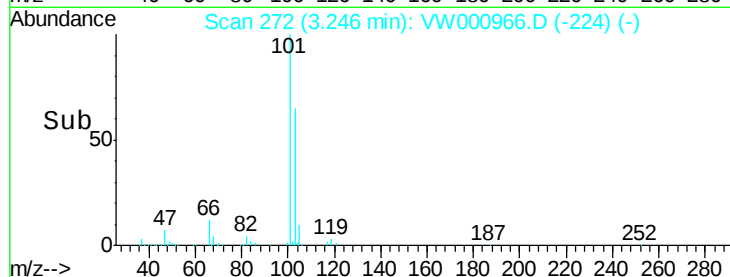
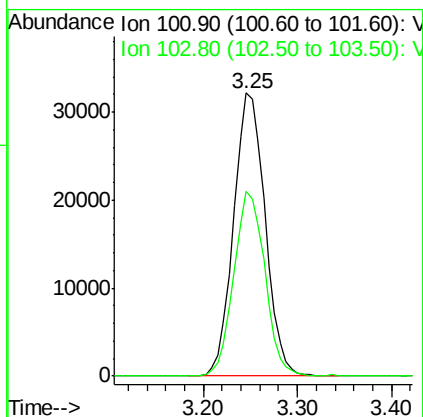
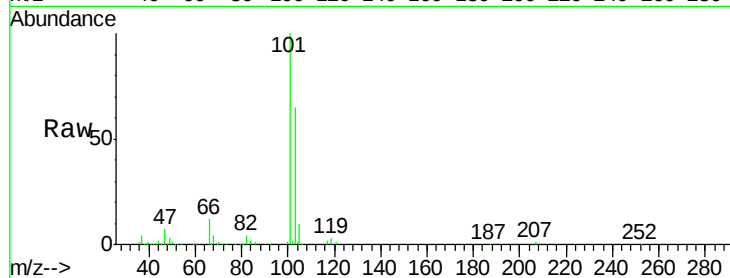
Trichlorofluoromethane
 Concen: 18.55 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.01 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
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 ClientSampleId :
 VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	53.4	80.0

Manual Integrations
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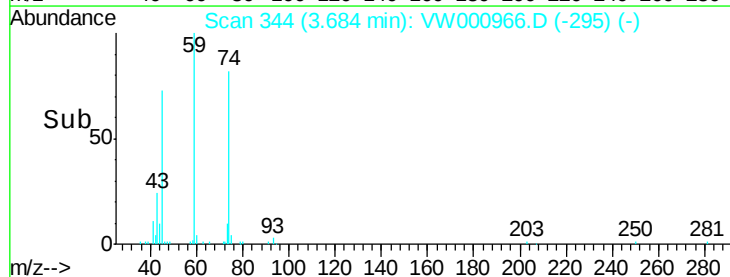
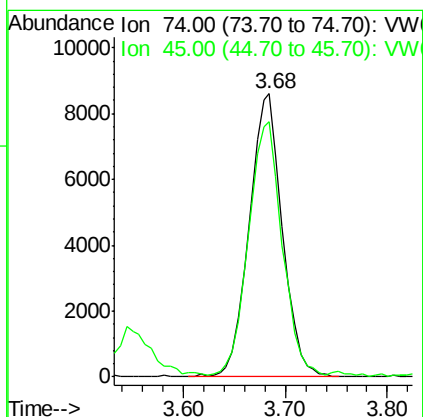
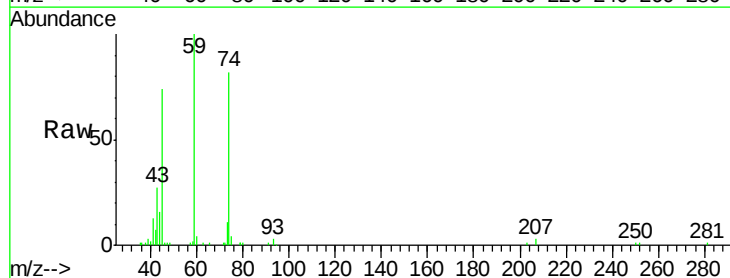
MMDadoda
 1/25/2018 1:34:02 PM

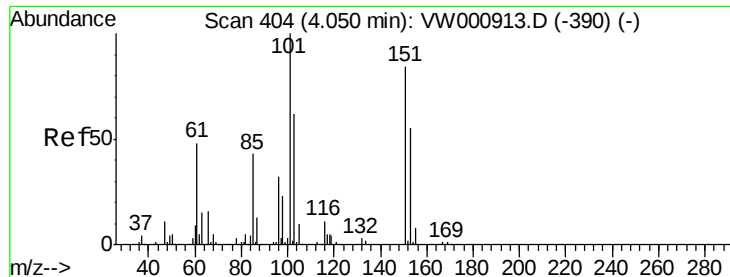


#8

Diethyl Ether
 Concen: 19.16 ug/l
 RT: 3.68 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.9	44.7	134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.60 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

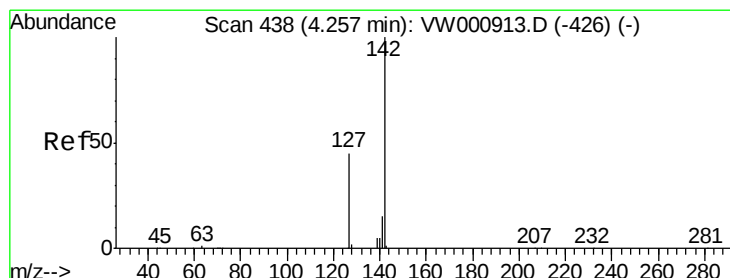
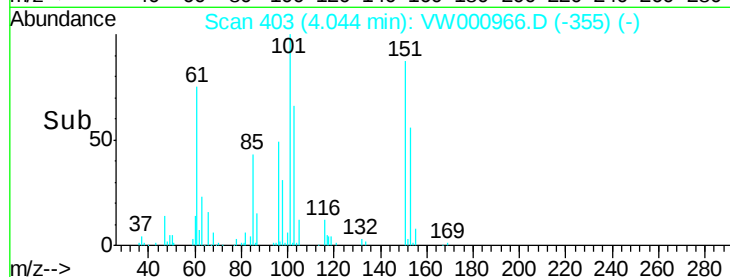
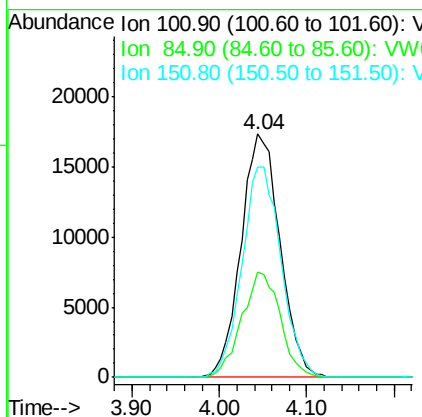
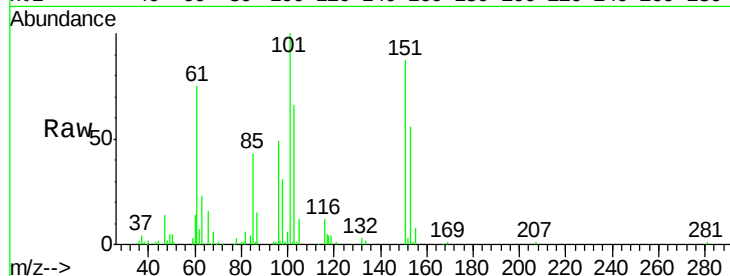
ClientSampleId :

VW0124SBSD02

Tot Ion:	101	Resp:	53785
Ion Ratio	Lower	Upper	
101	100		
85	42.6	35.3	52.9
151	86.6	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.51 ug/l

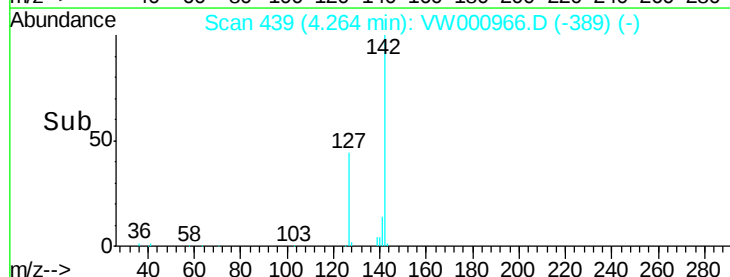
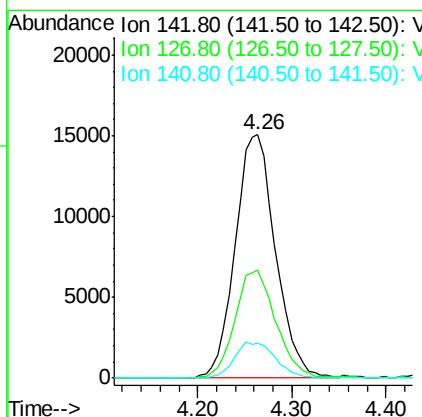
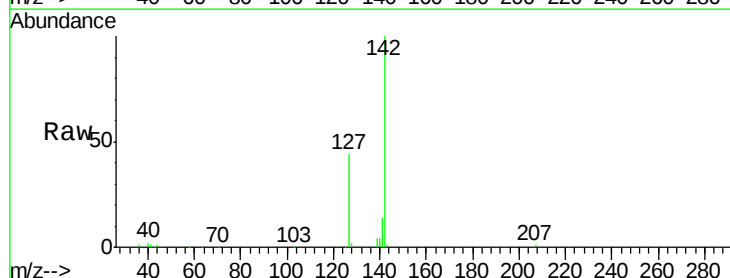
RT: 4.26 min Scan# 439

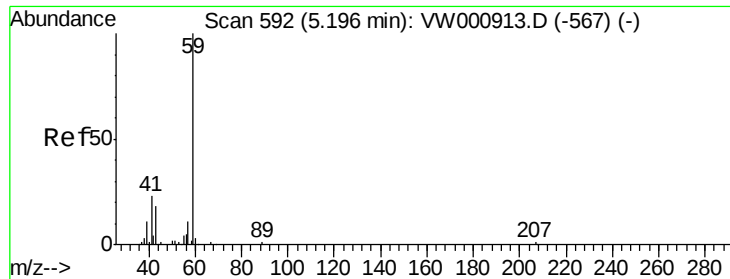
Delta R.T. 0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Tgt Ion:	142	Resp:	44920
Ion Ratio	Lower	Upper	
142	100		
127	45.3	35.5	53.3
141	15.2	11.7	17.5





#11

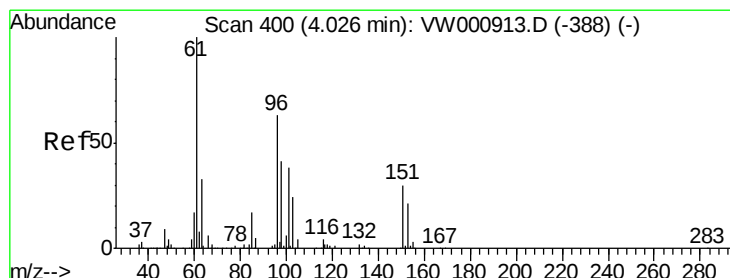
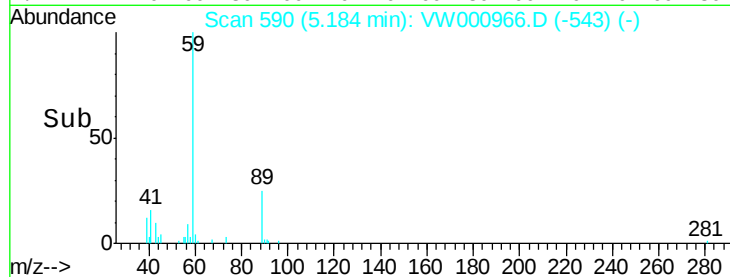
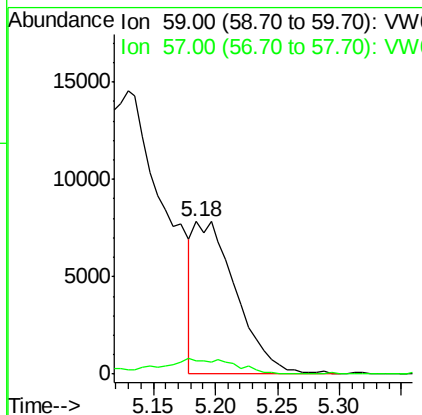
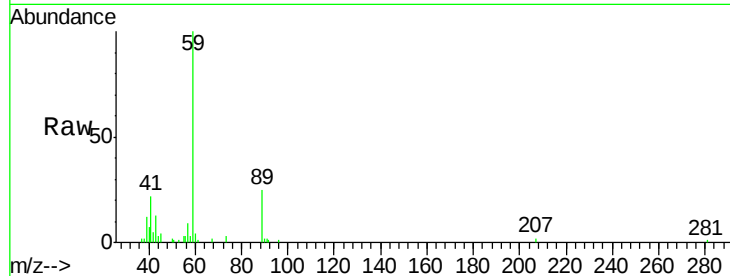
Tert butyl alcohol
 Concen: 65.31 ug/l m
 RT: 5.18 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.6#

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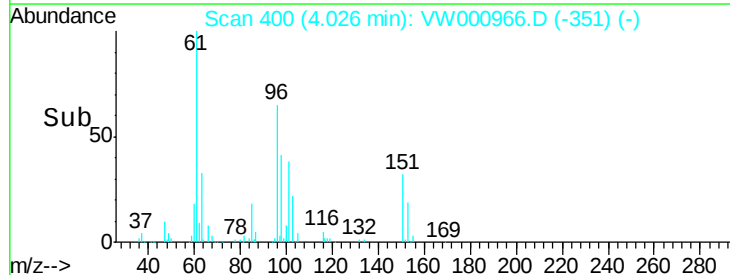
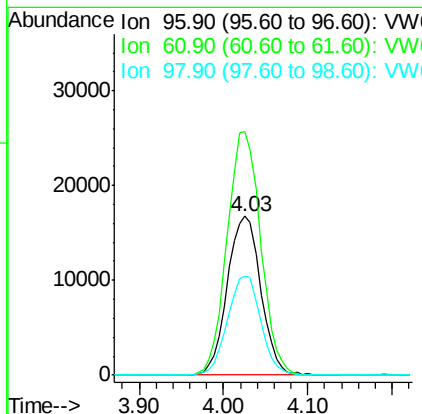
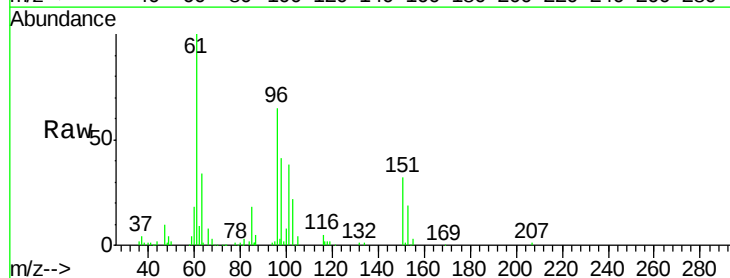
MMDadoda
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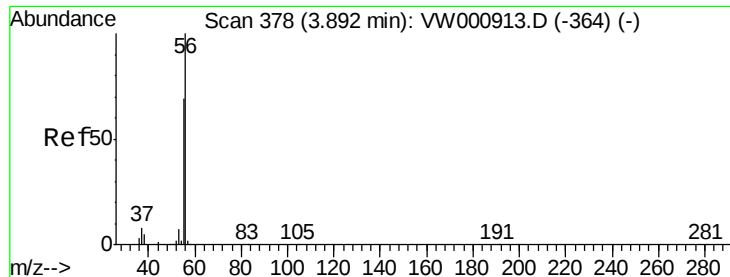


#12

1,1-Dichloroethene
 Concen: 20.15 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.4	126.7	190.1
98	62.7	52.1	78.1





#13

Acrolein

Concen: 75.99 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS02

Tot Ion: 56 Resp: 21356

Ion Ratio Lower Upper

56 100

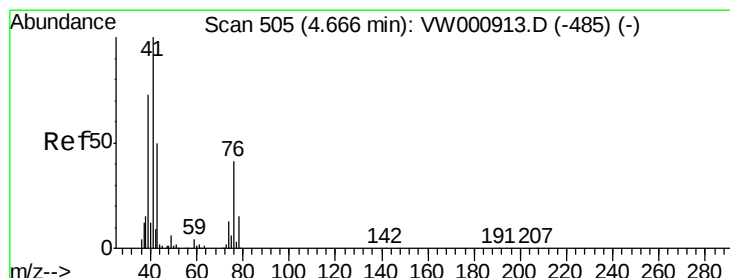
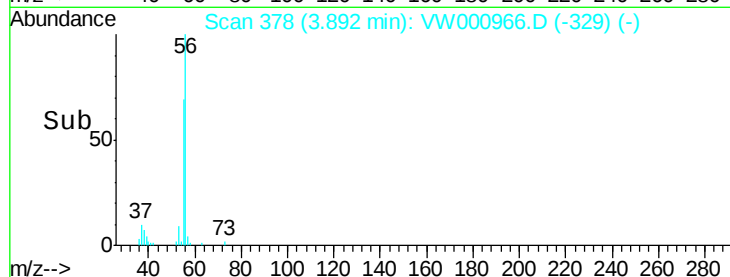
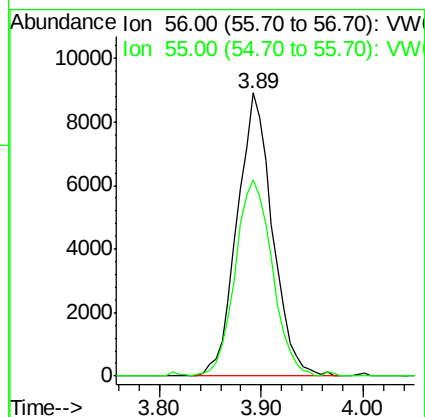
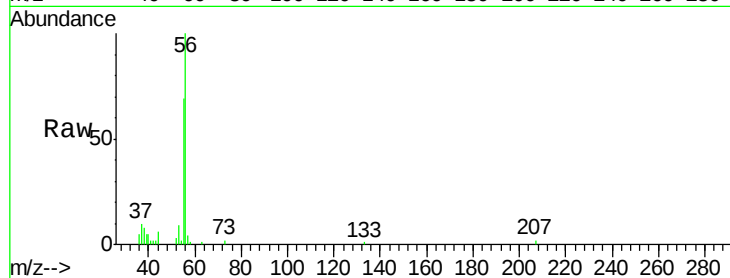
55 72.7 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 18.95 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

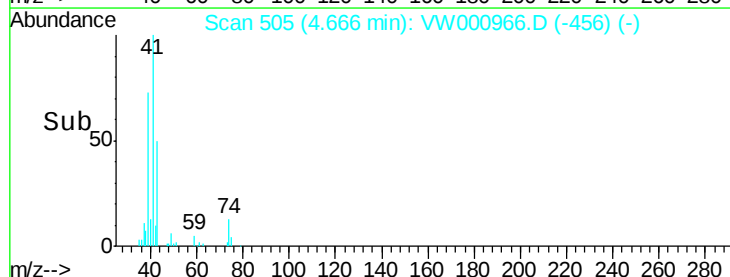
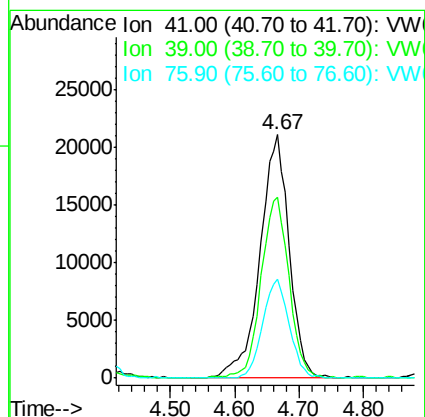
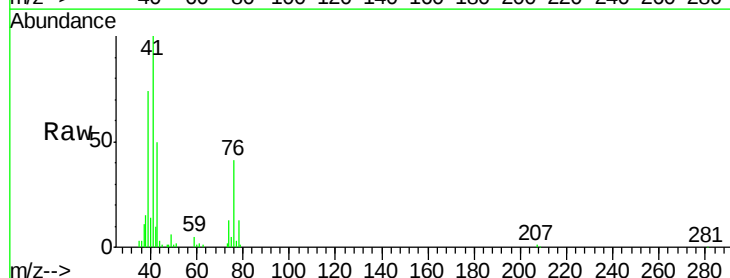
Tgt Ion: 41 Resp: 66270

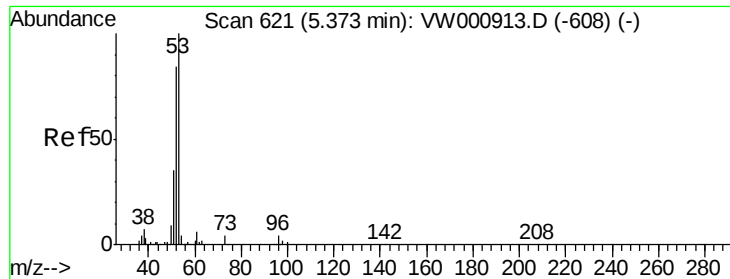
Ion Ratio Lower Upper

41 100

39 71.0 55.3 82.9

76 36.9 29.9 44.9





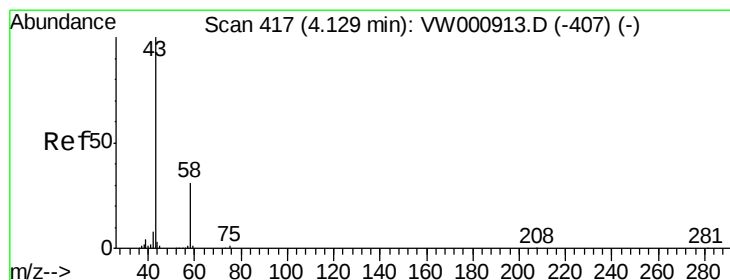
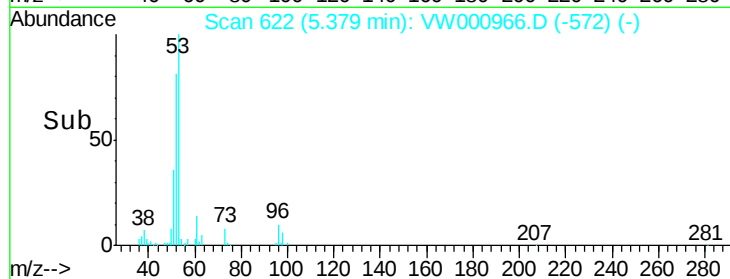
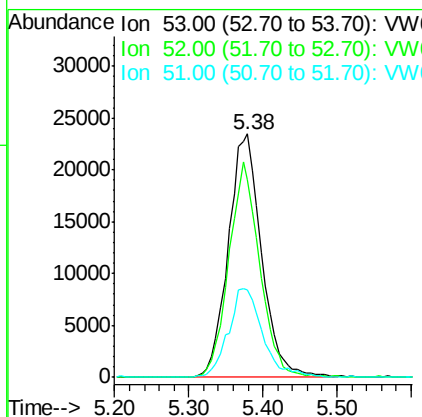
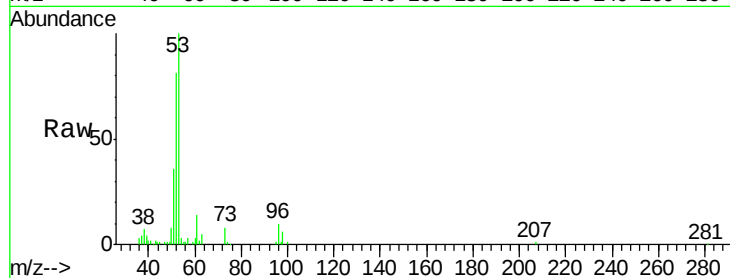
#15
 Acrylonitrile
 Concen: 92.90 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS02

Tot Ion:	53	Resp:	73460
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.6	99.8
51	37.6	29.4	44.0

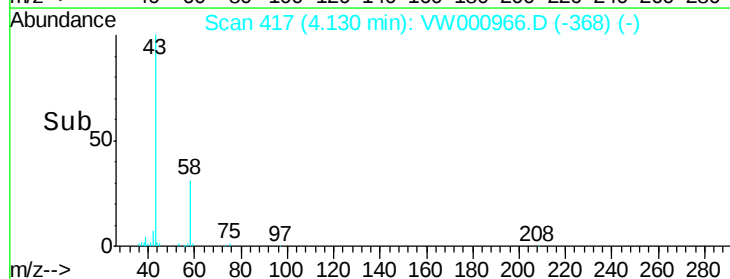
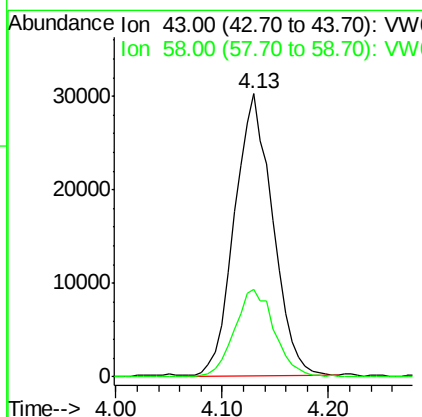
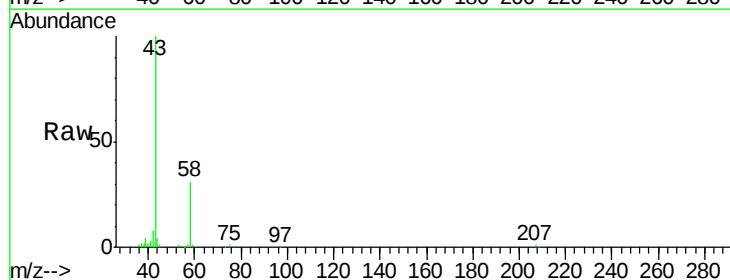
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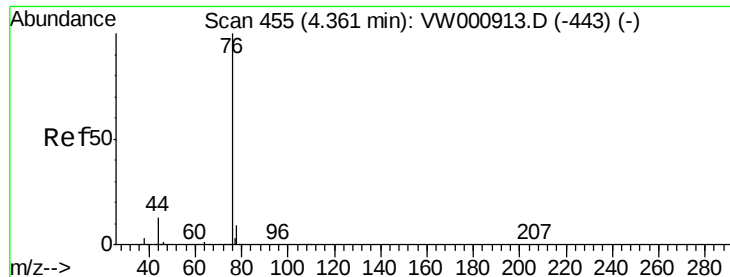
MMDadoda
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#16
 Acetone
 Concen: 79.33 ug/l
 RT: 4.13 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion:	43	Resp:	75862
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.9	37.3





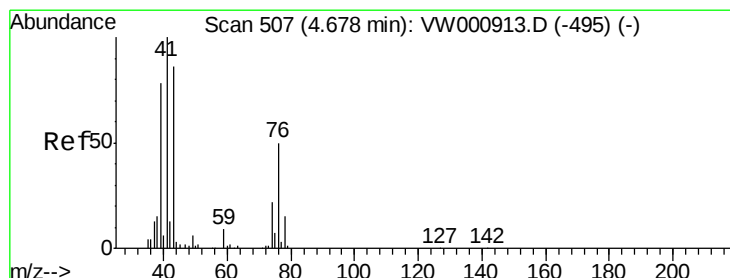
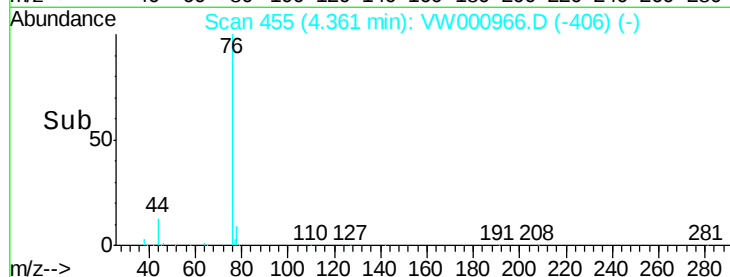
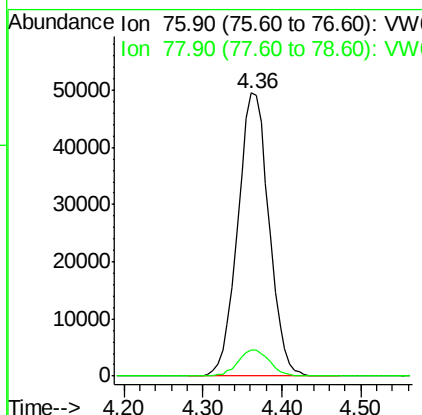
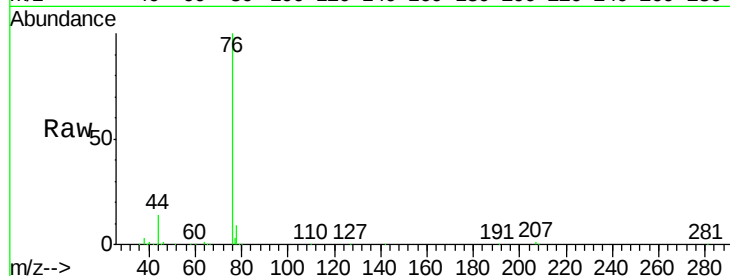
#17
Carbon Disulfide
Concen: 18.41 ug/l
RT: 4.36 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

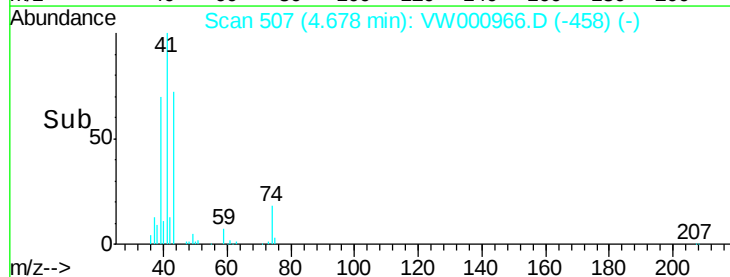
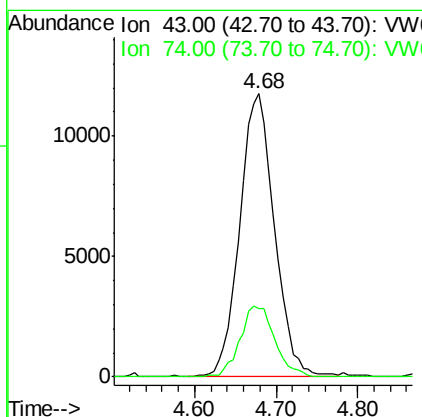
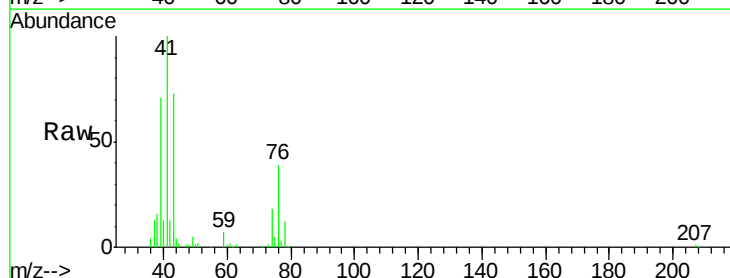
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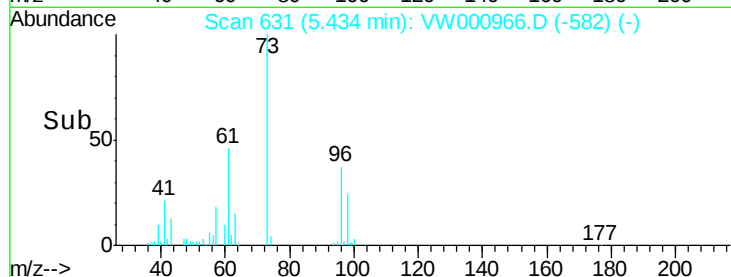
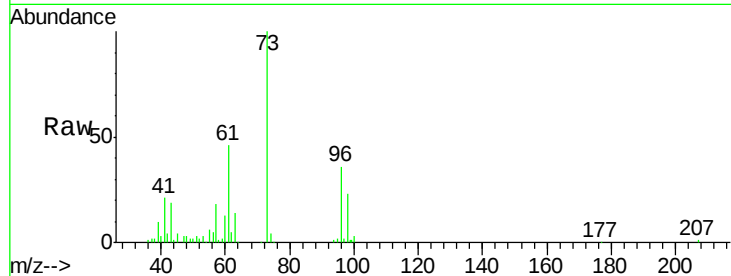
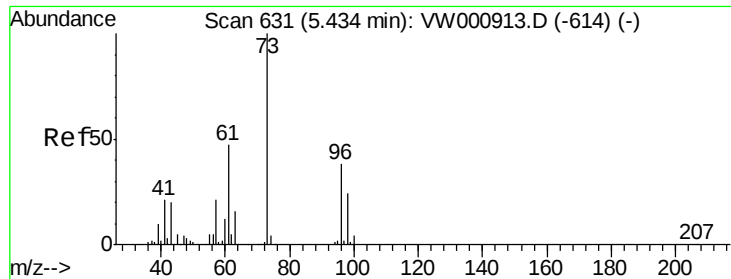
MMDadoda
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#18
Methyl Acetate
Concen: 17.83 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	20.5	30.7





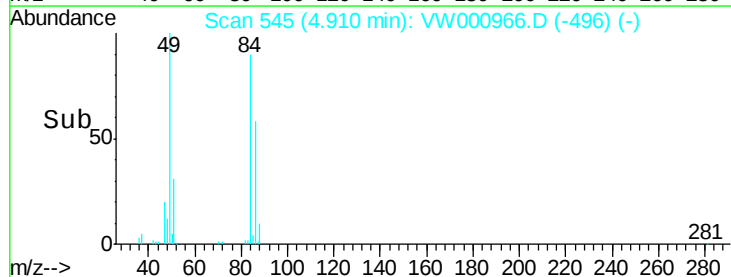
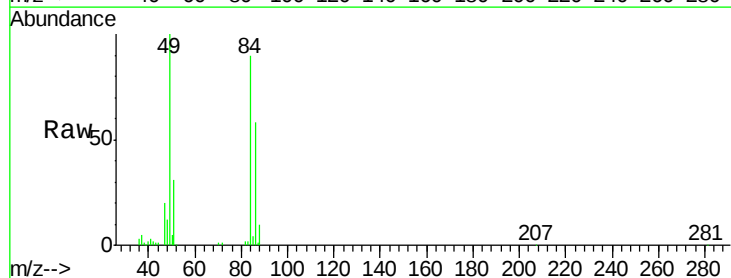
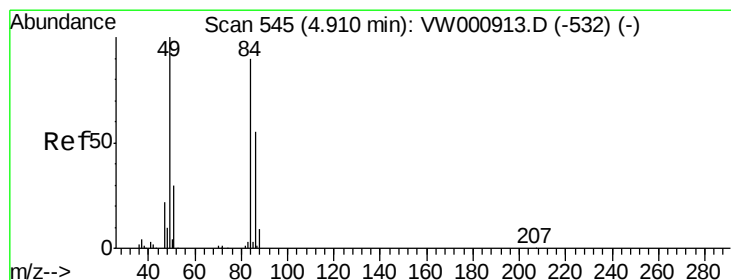
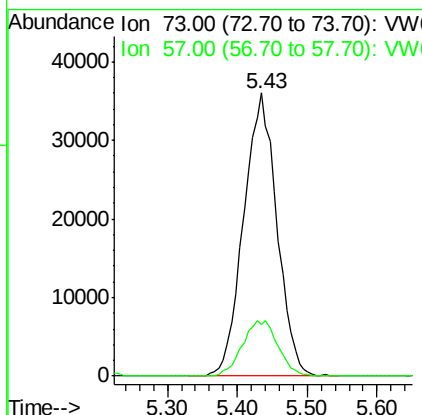
#19
Methyl tert-butyl Ether
Concen: 20.61 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tot Ion: 73 Resp: 118797
Ion Ratio Lower Upper
73 100
57 18.4 16.7 25.1

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS02

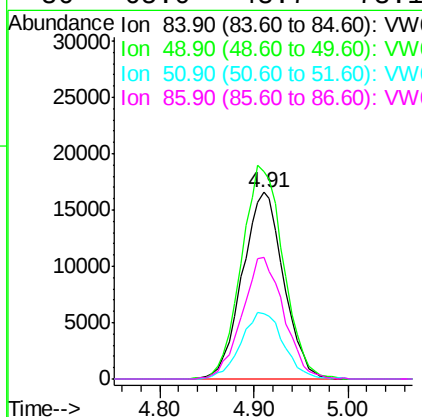
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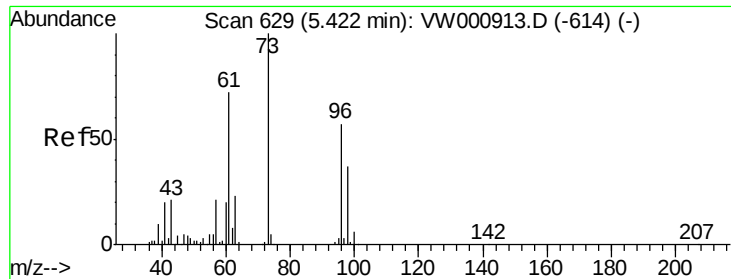
MM Dadoda
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#20
Methylene Chloride
Concen: 19.29 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion: 84 Resp: 50523
Ion Ratio Lower Upper
84 100
49 111.7 89.0 133.4
51 35.2 26.7 40.1
86 65.0 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 19.28 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

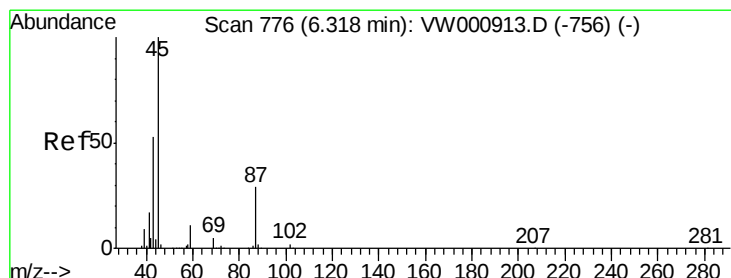
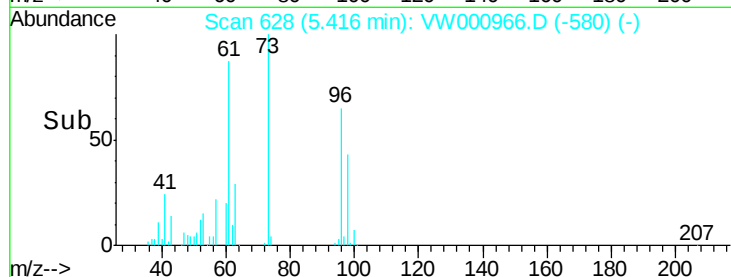
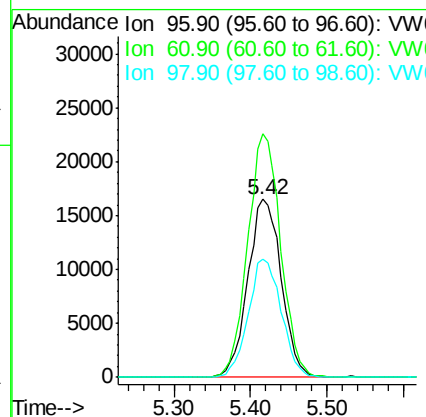
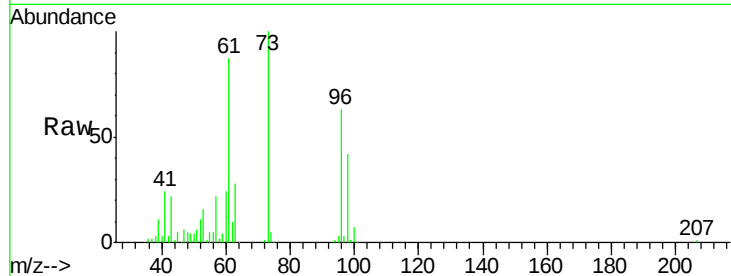
ClientSampleId :

VW0124SBSD02

Tot Ion:	96	Resp:	50266
Ion	Ratio	Lower	Upper
96	100		
61	136.7	101.1	151.7
98	66.3	52.2	78.2

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#22

Diisopropyl ether

Concen: 21.35 ug/l

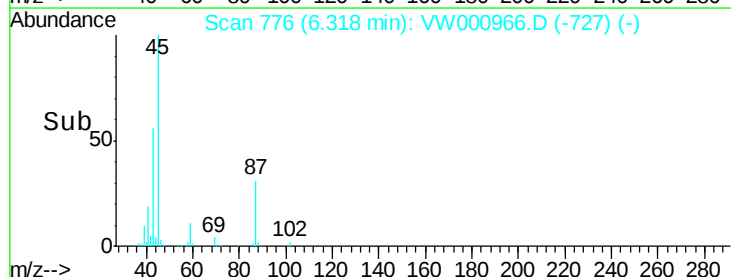
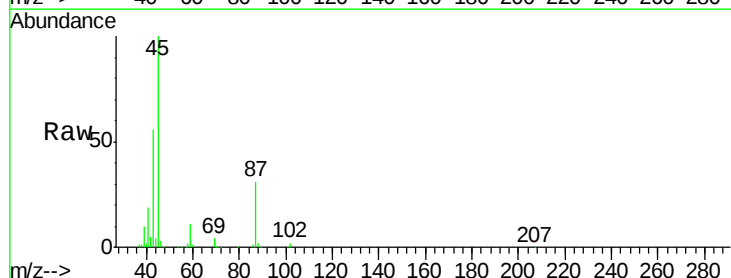
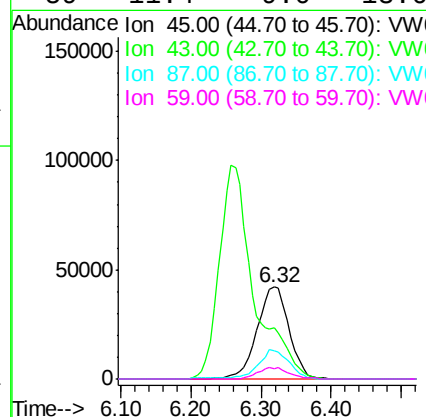
RT: 6.32 min Scan# 776

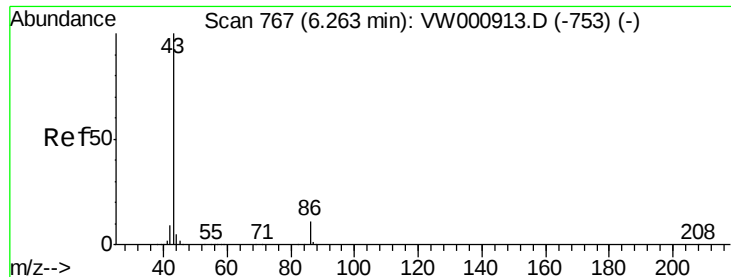
Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Tgt Ion:	45	Resp:	133630
Ion	Ratio	Lower	Upper
45	100		
43	55.7	42.7	64.1
87	31.3	23.8	35.8
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 86.54 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS02

Tot Ion: 43 Resp: 336609

Ion Ratio Lower Upper

43 100

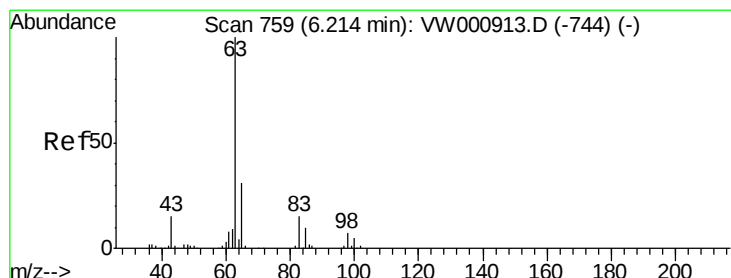
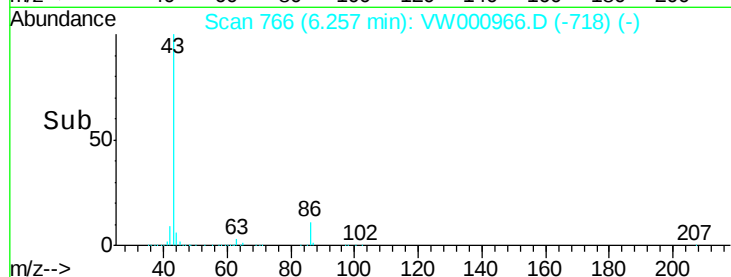
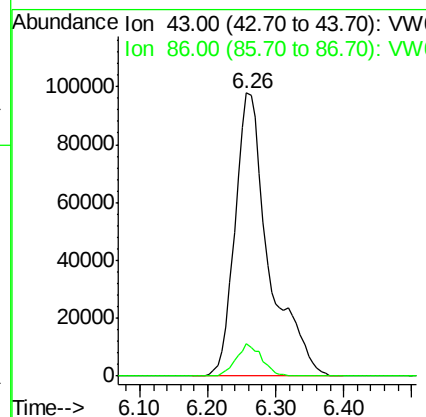
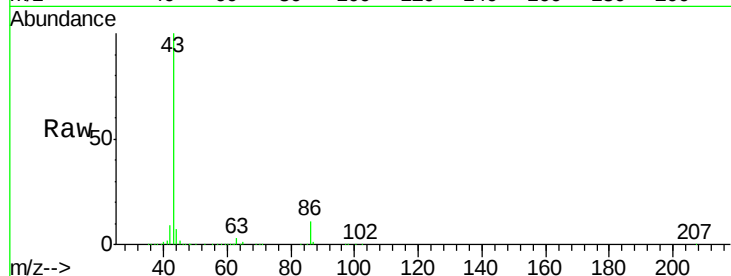
86 11.3 9.1 13.7

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#24

1,1-Dichloroethane

Concen: 20.36 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

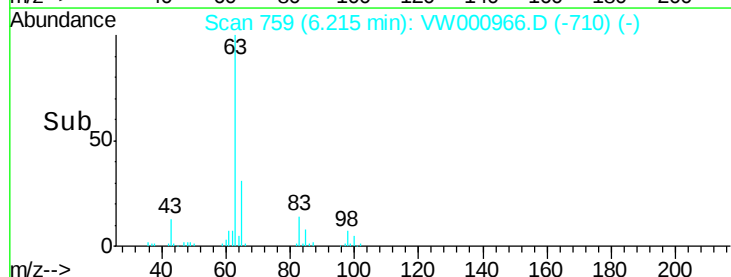
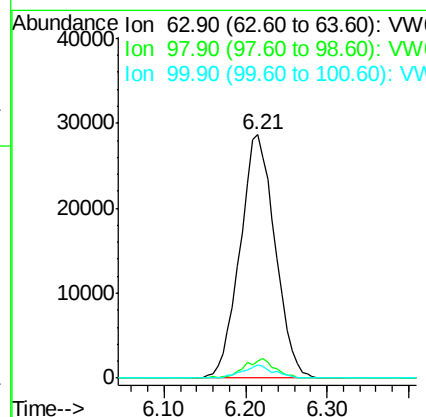
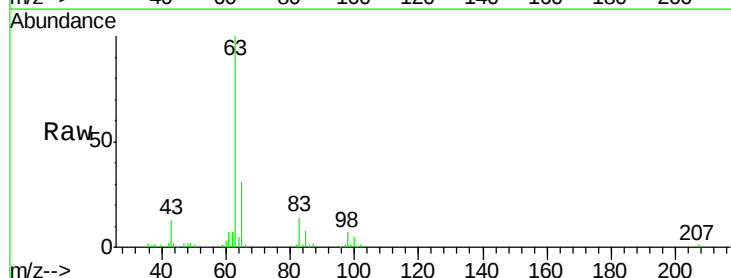
Tgt Ion: 63 Resp: 85318

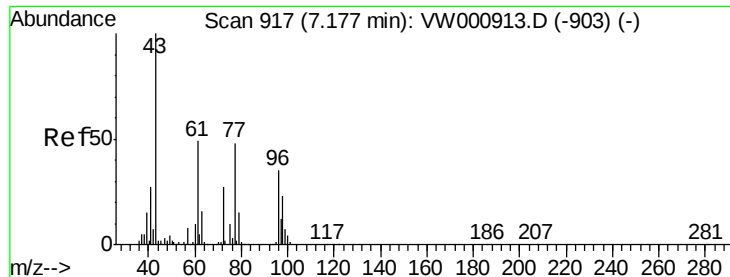
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 5.3 2.5 7.4





#25

2-Butanone

Concen: 88.18 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Tot Ion: 43 Resp: 103540

Ion Ratio Lower Upper

43 100

72 29.4 21.5 32.3

Instrument :

MSVOA_W

ClientSampleId :

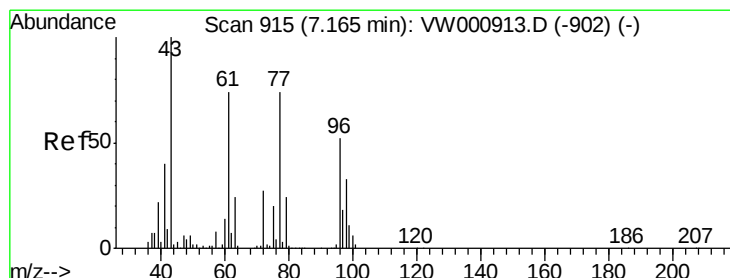
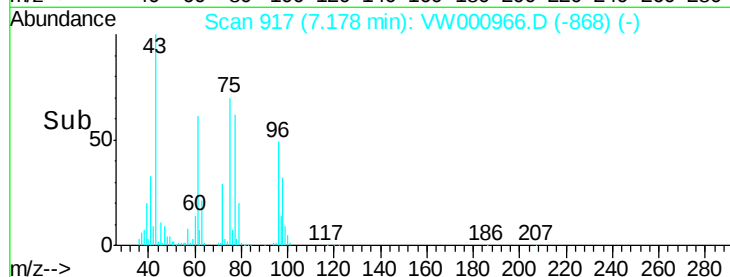
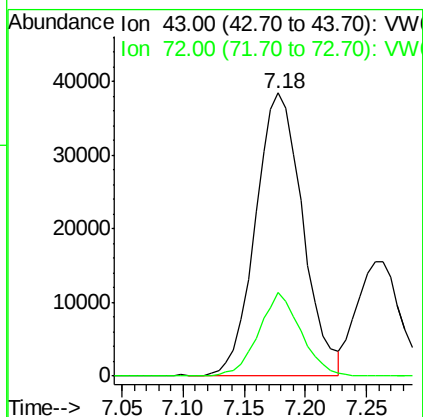
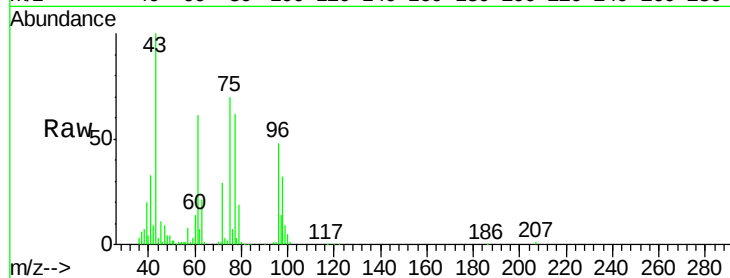
VW0124SBS02

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#26

2,2-Dichloropropane

Concen: 19.04 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW000966.D

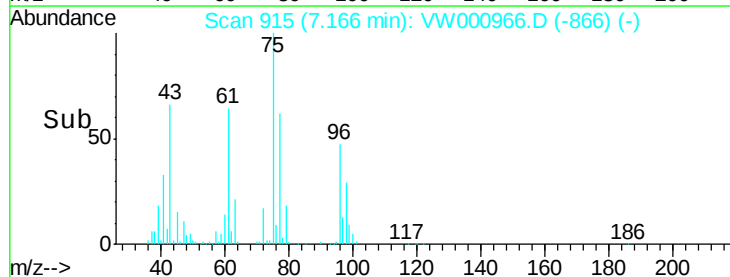
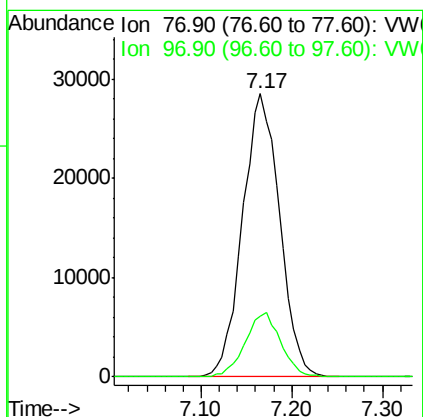
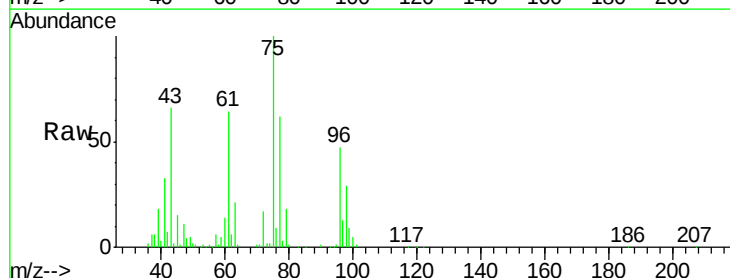
Acq: 24 Jan 2018 23:35

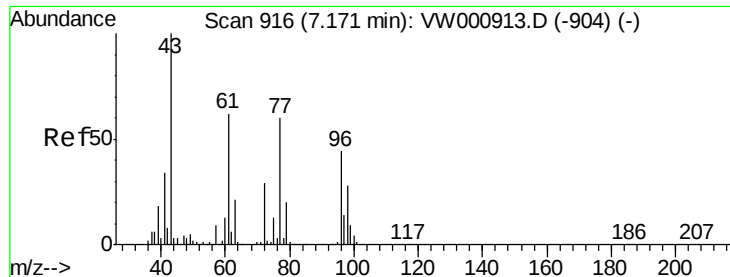
Tgt Ion: 77 Resp: 80776

Ion Ratio Lower Upper

77 100

97 21.7 11.8 35.3





#27

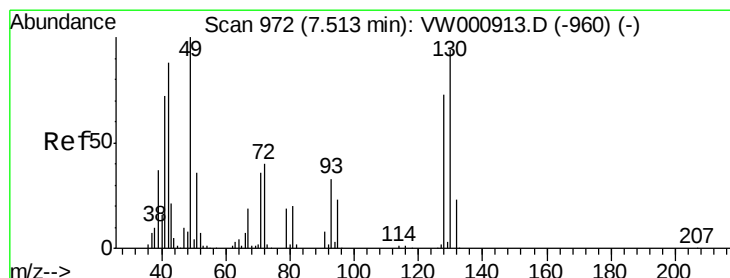
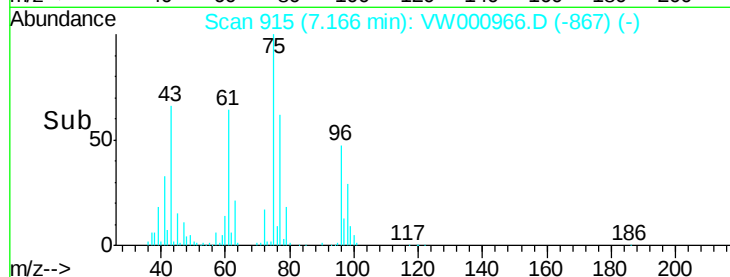
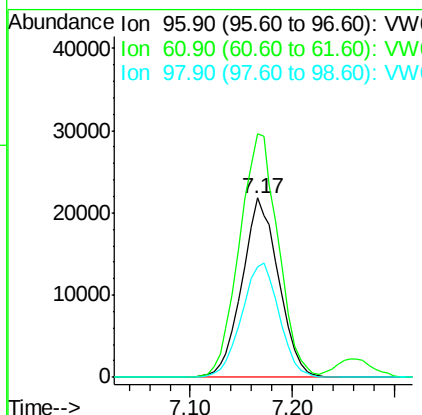
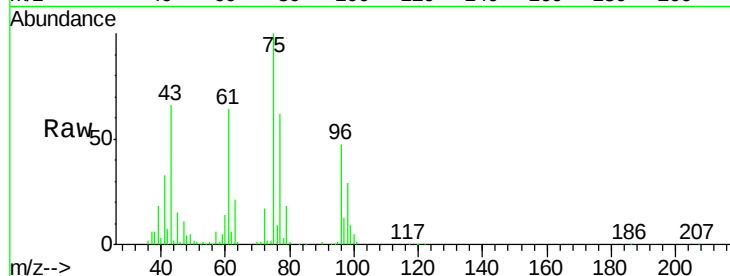
cis-1,2-Dichloroethene
 Concen: 20.16 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	279.8
98	65.3	0.0	127.6

Manual Integrations
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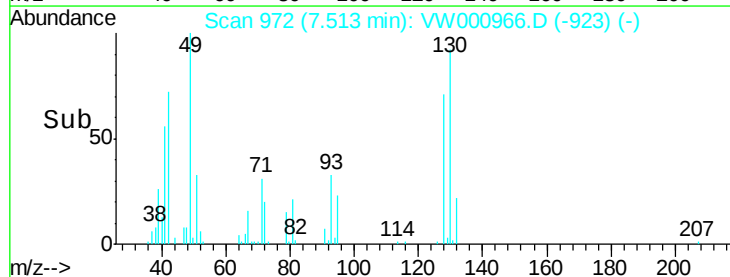
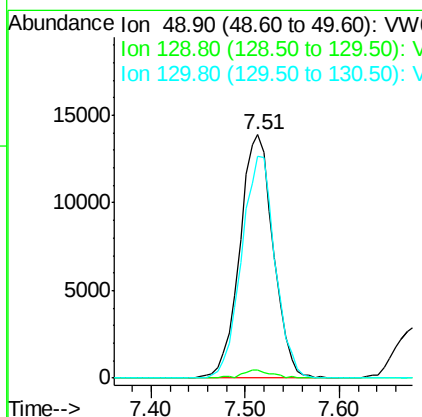
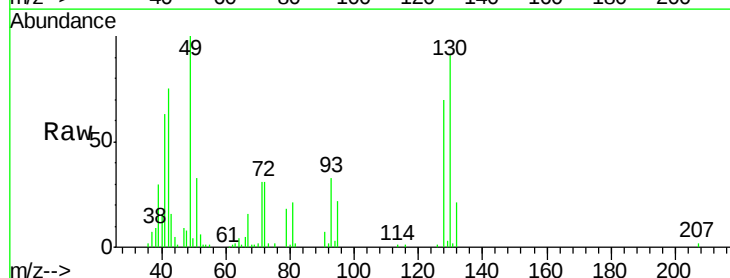
MMDadoda
 1/25/2018 1:34:02 PM

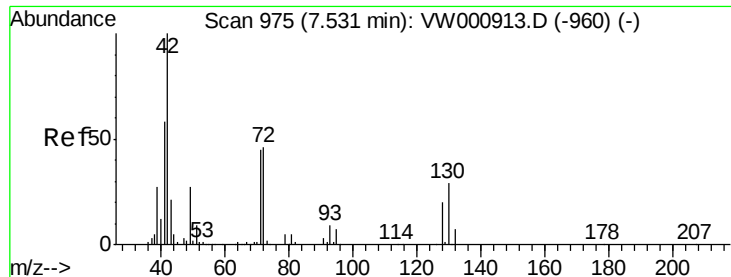


#28

Bromochloromethane
 Concen: 19.59 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	2.8#
130	91.4	73.8	110.6





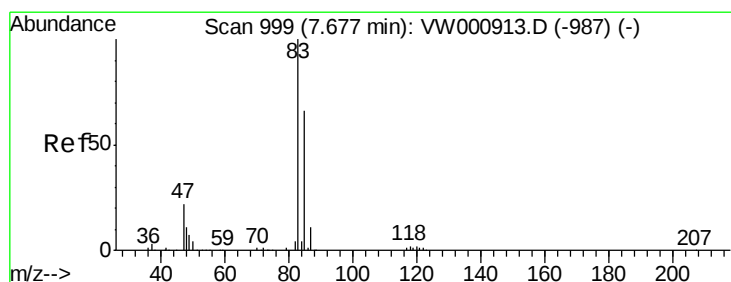
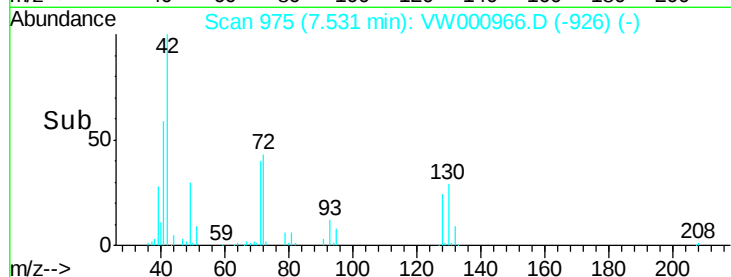
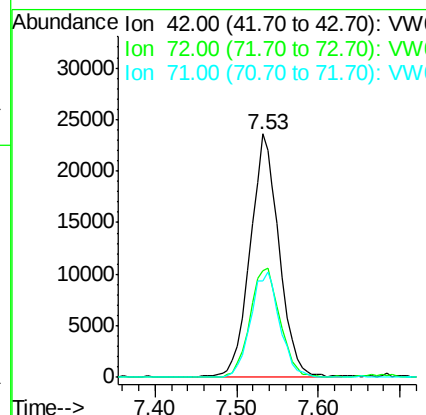
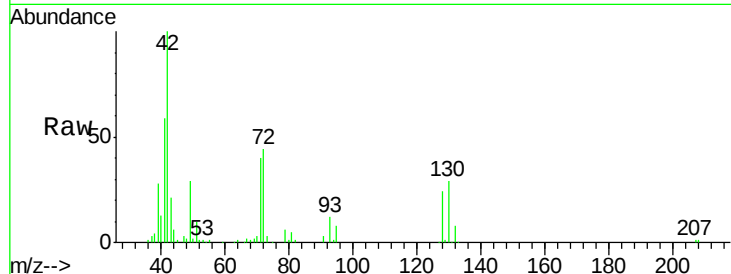
#29
Tetrahydrofuran
Concen: 90.33 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	37.1	55.7
71	43.3	34.9	52.3

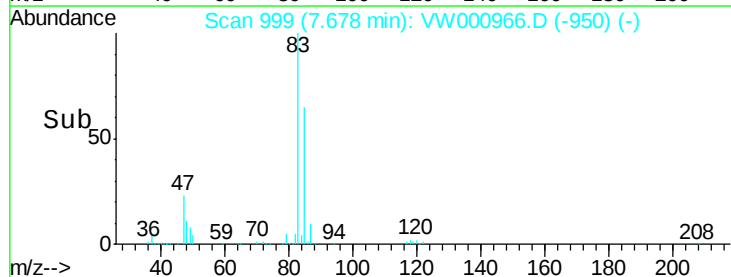
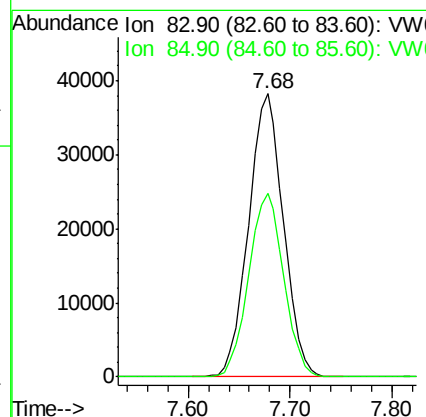
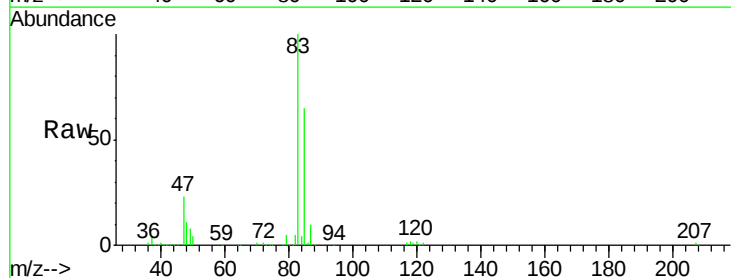
Manual Integrations
APPROVED

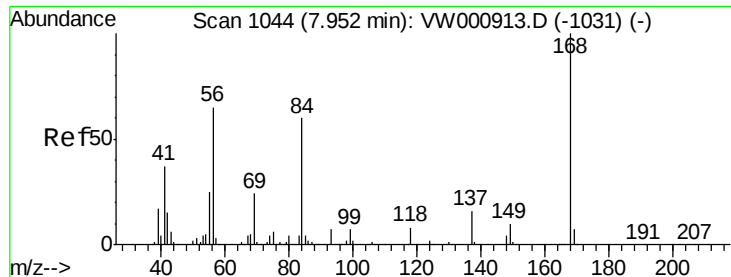
MMDadoda
1/25/2018 1:34:02 PM



#30
Chloroform
Concen: 20.12 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7





#31

Cyclohexane

Concen: 19.04 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

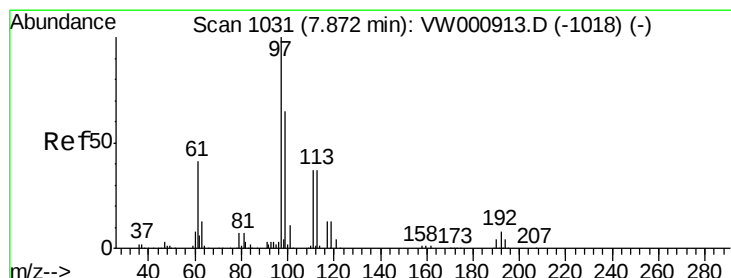
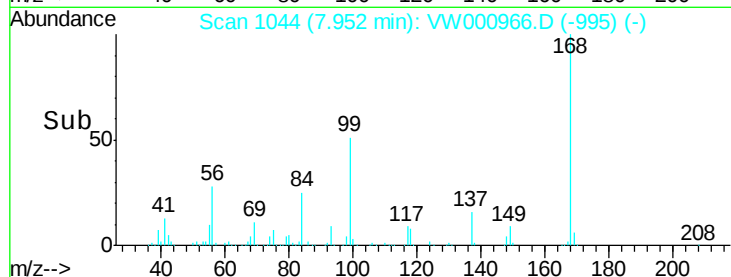
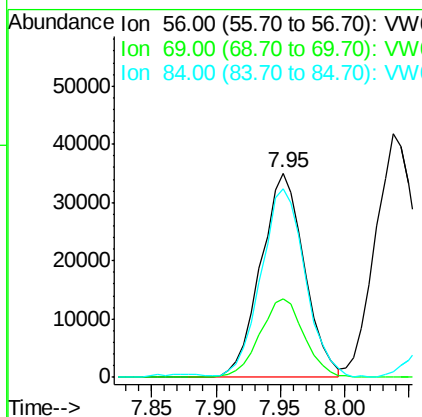
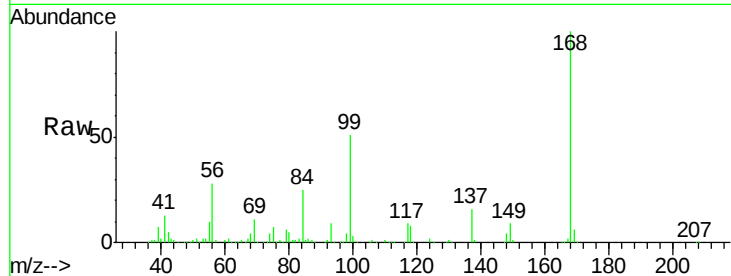
ClientSampleId :

VW0124SBS02

Tot Ion:	56	Resp:	82355
Ion Ratio	Lower	Upper	
56	100		
69	38.5	29.2	43.8
84	91.0	73.6	110.4

Manual Integrations
APPROVED

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1/25/2018 1:34:02 PM



#32

1,1,1-Trichloroethane

Concen: 19.58 ug/l

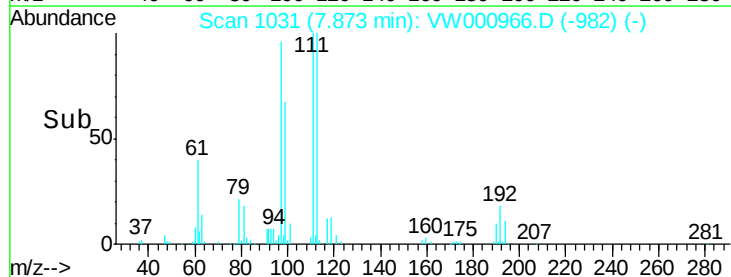
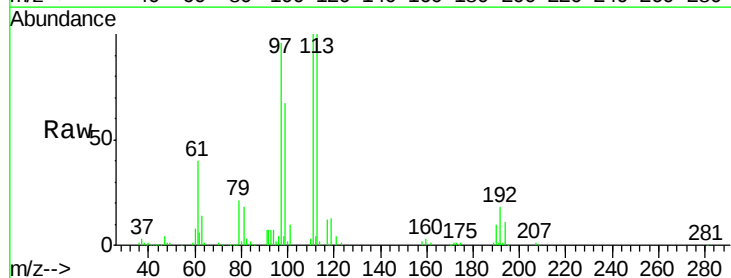
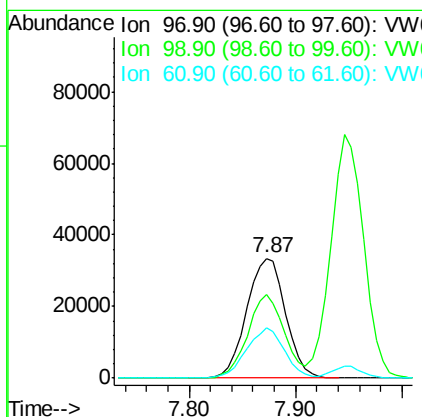
RT: 7.87 min Scan# 1031

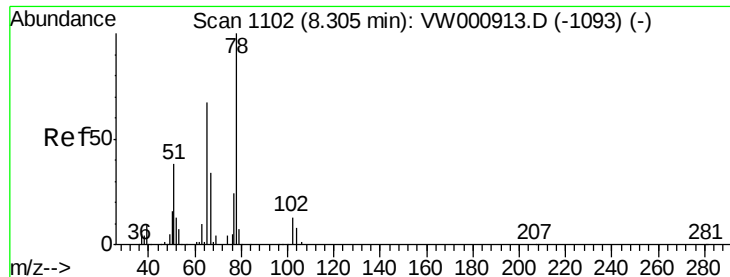
Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Tgt Ion:	97	Resp:	85527
Ion Ratio	Lower	Upper	
97	100		
99	66.1	52.6	78.8
61	41.1	32.9	49.3





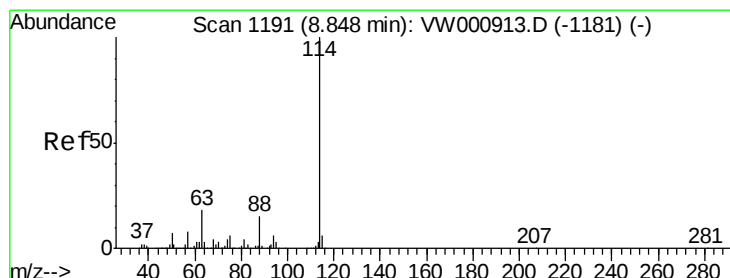
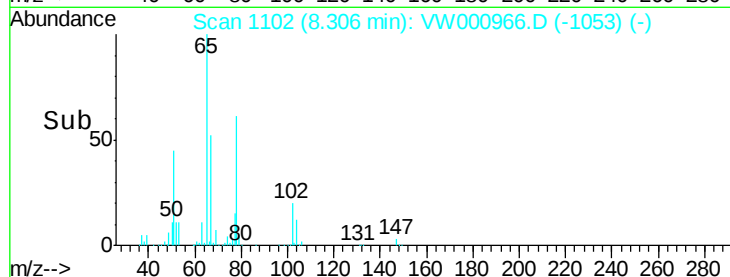
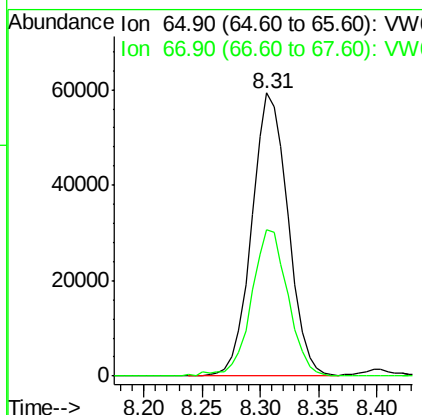
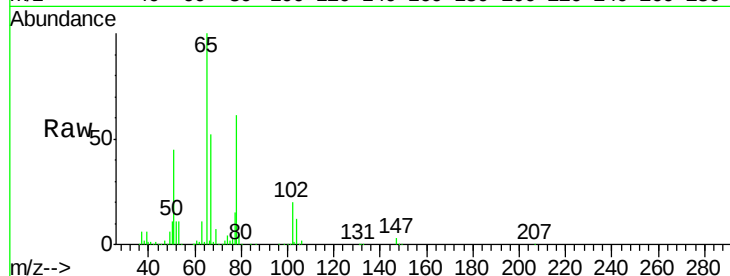
#33
 1,2-Dichloroethane-d4
 Concen: 48.49 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	105.8	

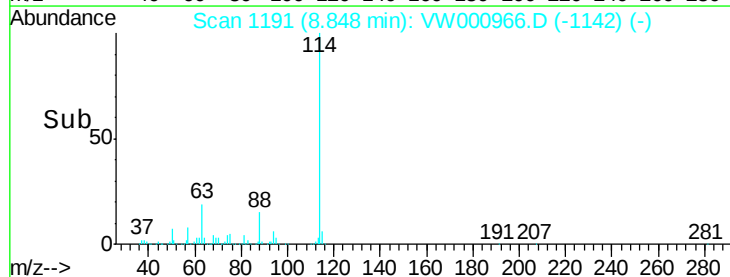
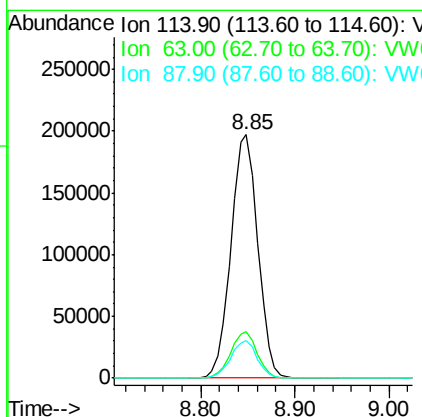
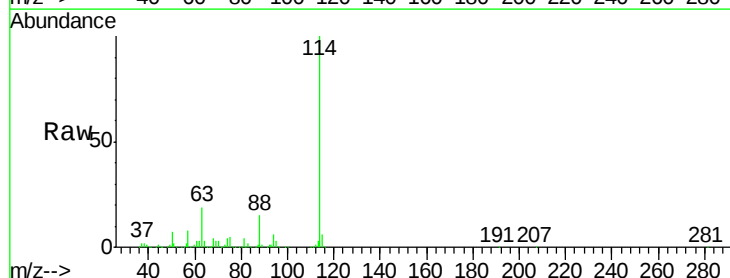
Manual Integrations
 APPROVED

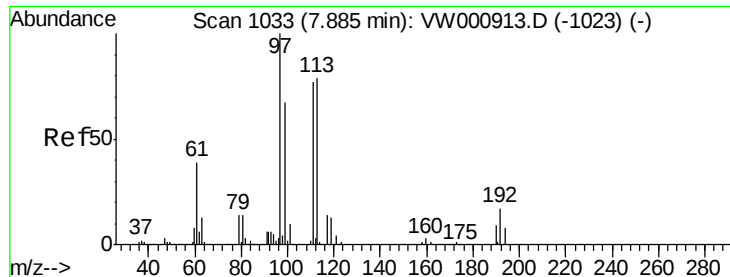
MMDadoda
 1/25/2018 1:34:02 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.2	0.0	36.8	
88	15.2	0.0	29.8	





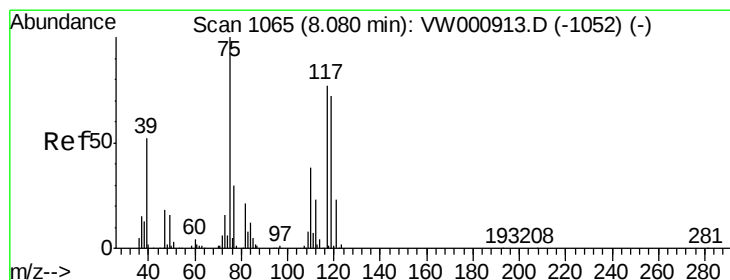
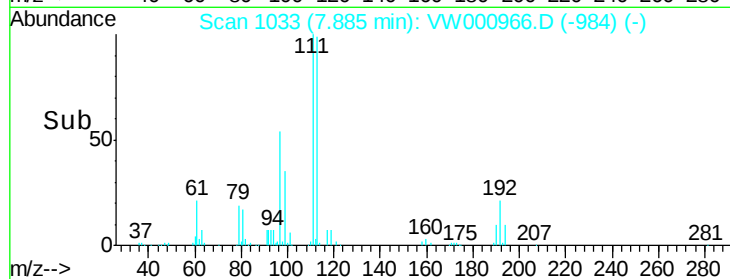
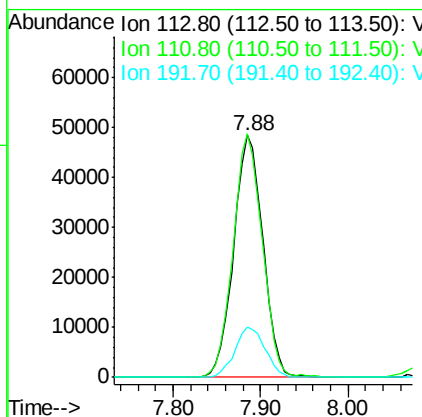
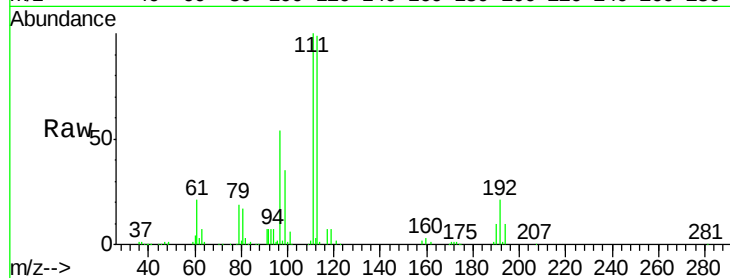
#35
 Dibromofluoromethane
 Concen: 47.21 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.2	80.4	120.6
192	21.3	17.0	25.4

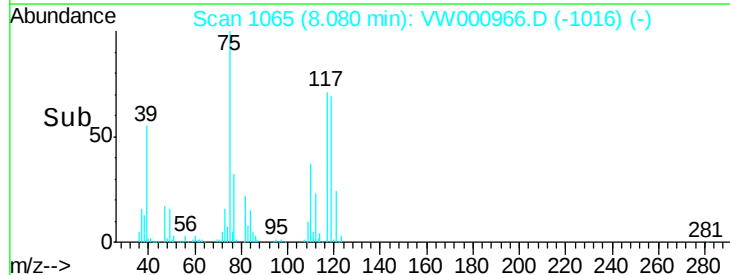
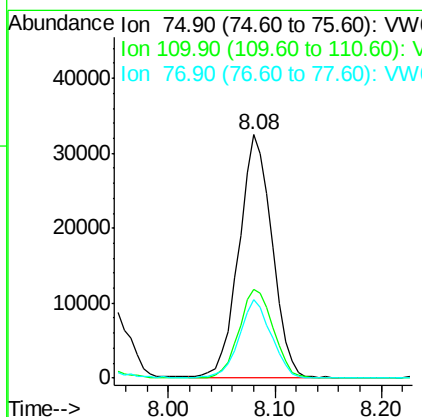
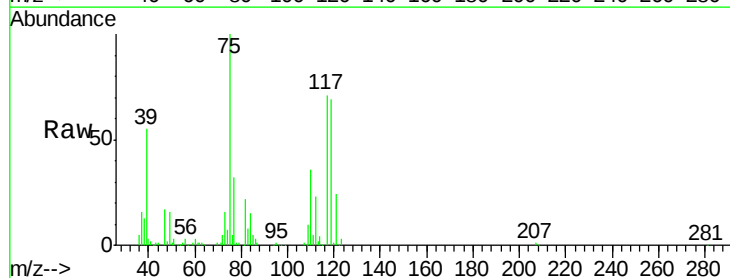
Manual Integrations
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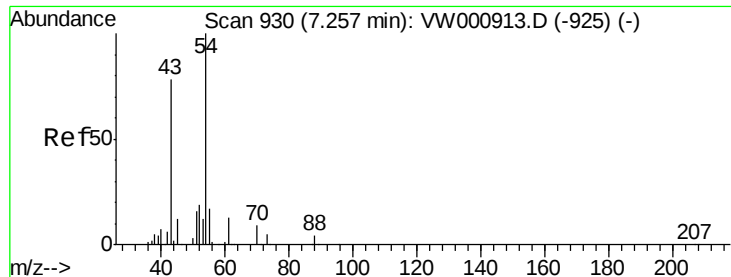
MMDadoda
 1/25/2018 1:34:02 PM



#36
 1,1-Dichloropropene
 Concen: 19.16 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.6	56.0
77	31.3	24.6	36.8





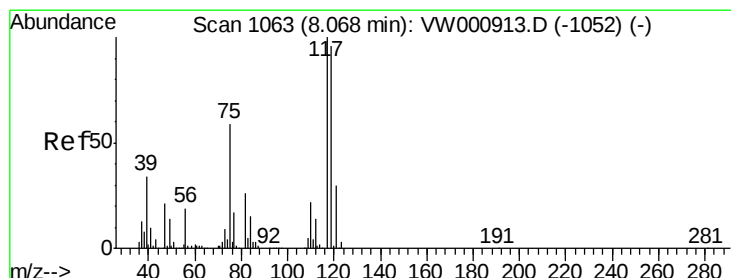
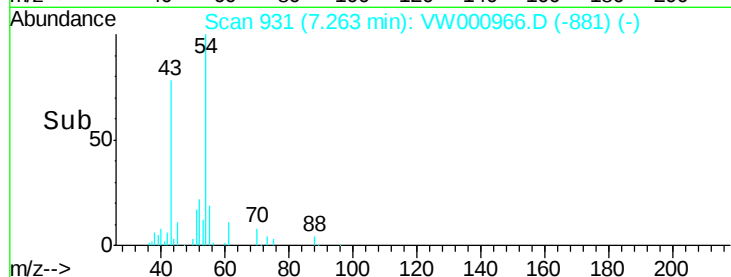
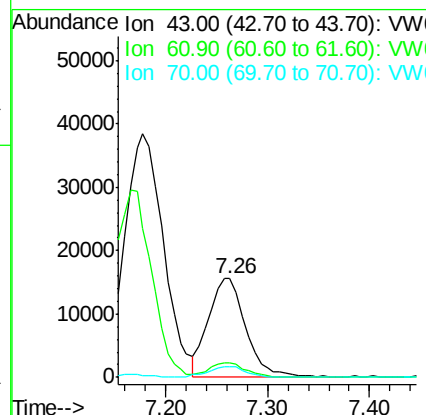
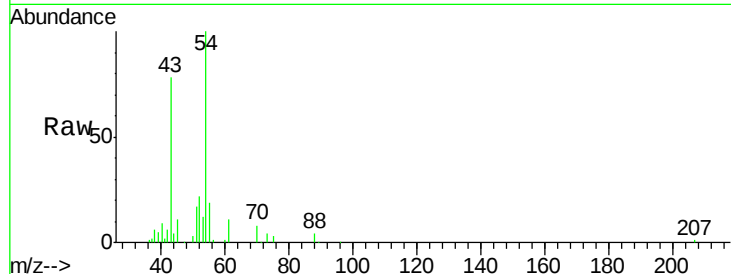
#37
Ethyl Acetate
Concen: 18.84 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampled :
VW0124SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.1	18.1
70	11.4	9.1	13.7

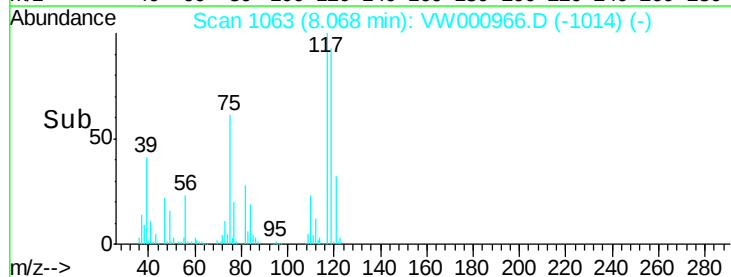
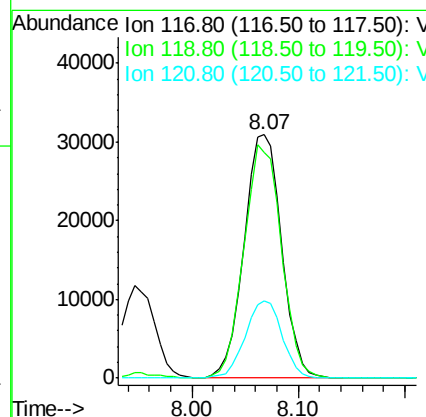
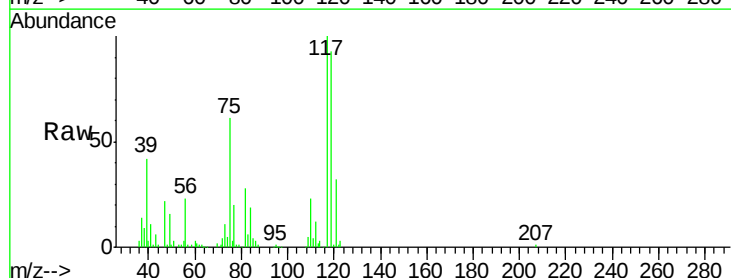
Manual Integrations
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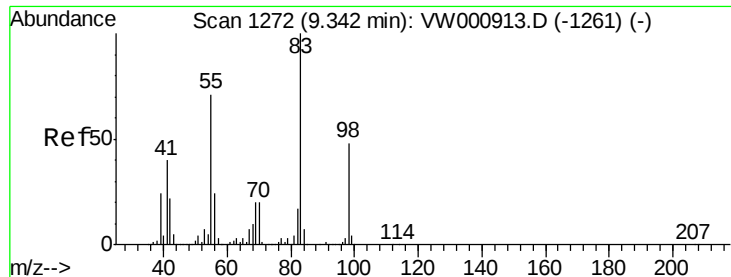
MMDadoda
1/25/2018 1:34:02 PM



#38
Carbon Tetrachloride
Concen: 18.65 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.5	114.7
121	31.8	24.3	36.5





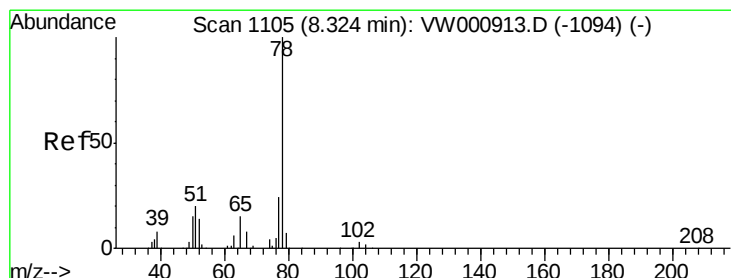
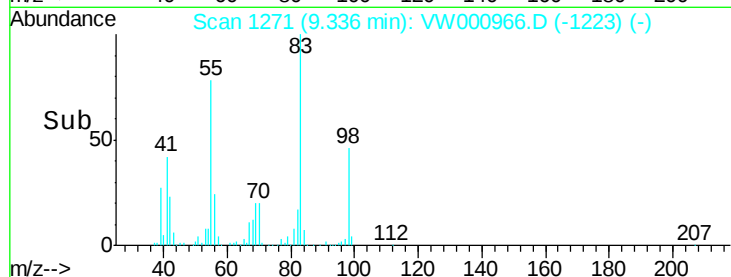
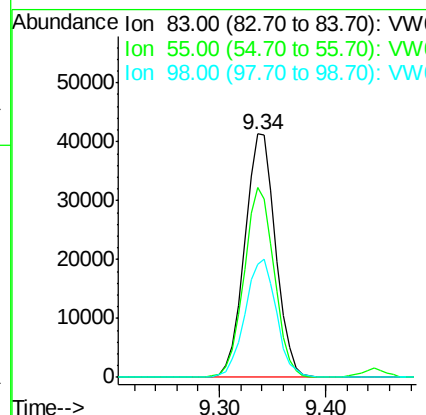
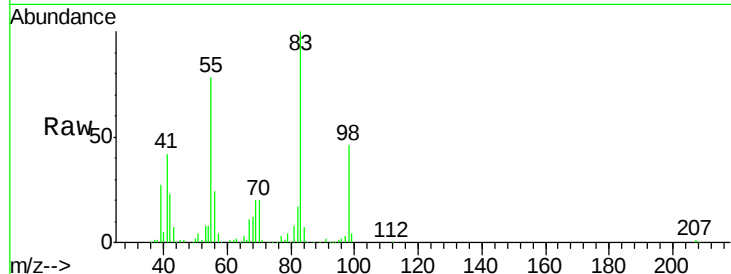
#39
Methvlcvclohexane
Concen: 18.77 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	56.4	84.6
98	46.2	38.2	57.4

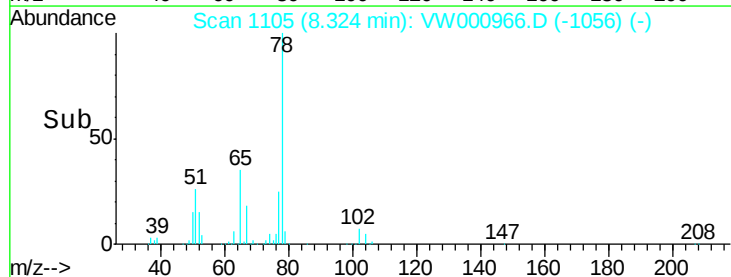
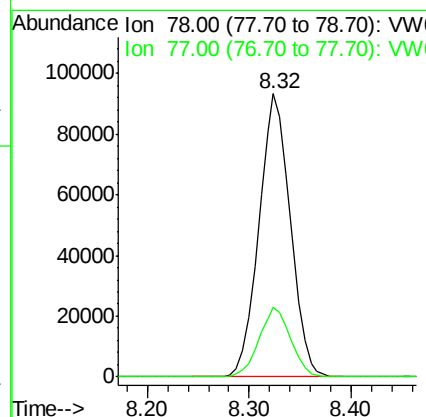
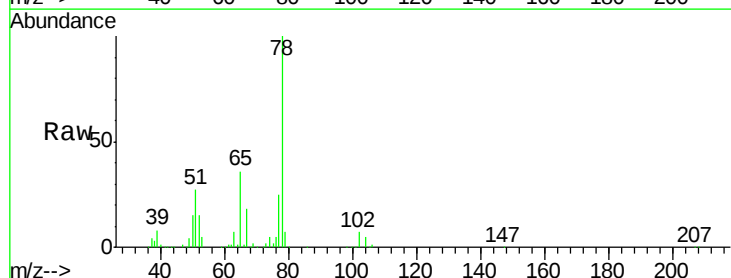
Manual Integrations
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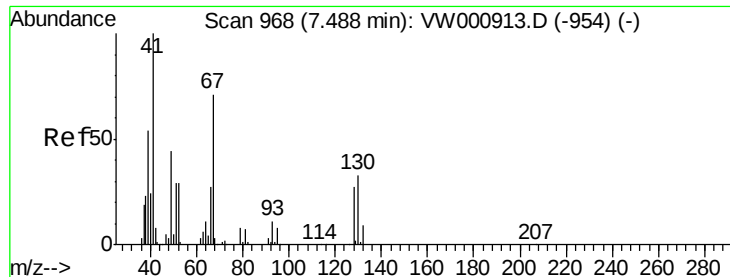
MMDadoda
1/25/2018 1:34:02 PM



#40
Benzene
Concen: 19.72 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.6





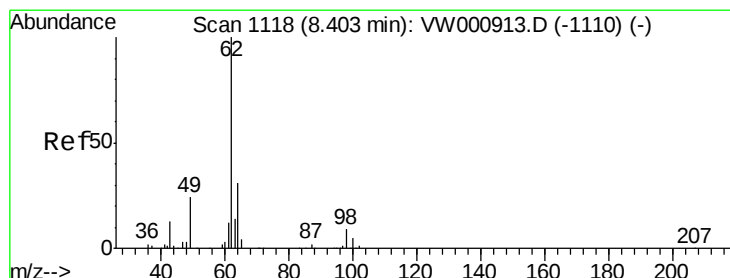
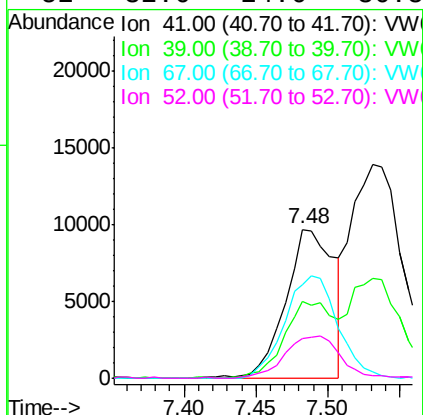
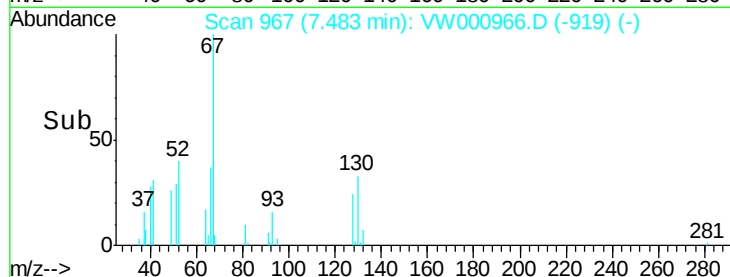
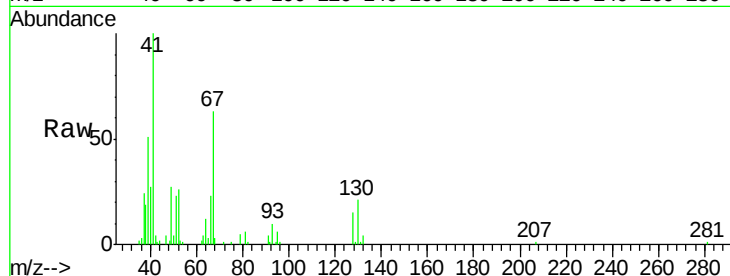
#41
Methacrylonitrile
Concen: 19.29 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS02

Tot Ion	41	Resp	22748
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.4	65.0
67	75.3	59.0	88.4
52	32.6	24.6	36.8

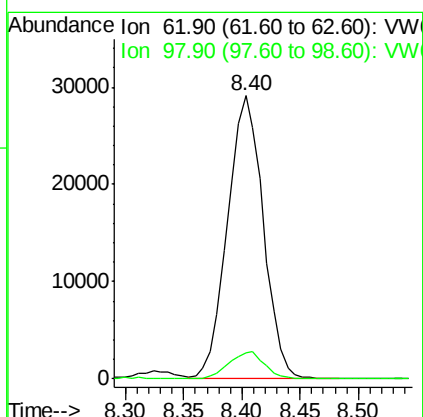
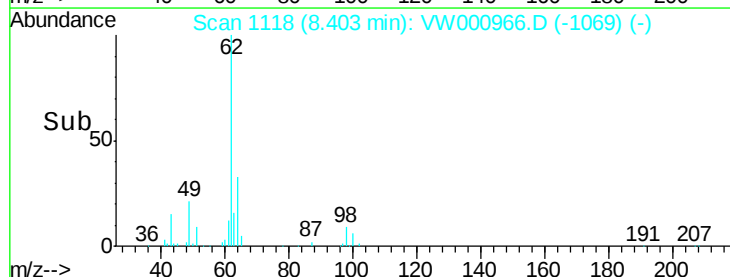
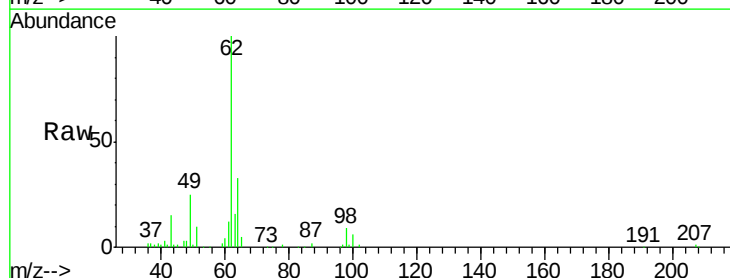
Manual Integrations
APPROVED

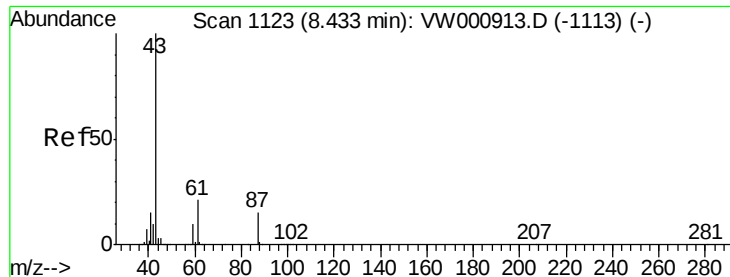
MMDadoda
1/25/2018 1:34:02 PM



#42
1,2-Dichloroethane
Concen: 19.94 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	62	Resp	62191
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0





#43

Isopropyl Acetate

Concen: 18.99 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

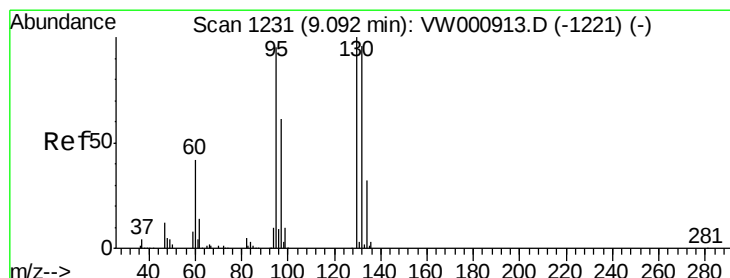
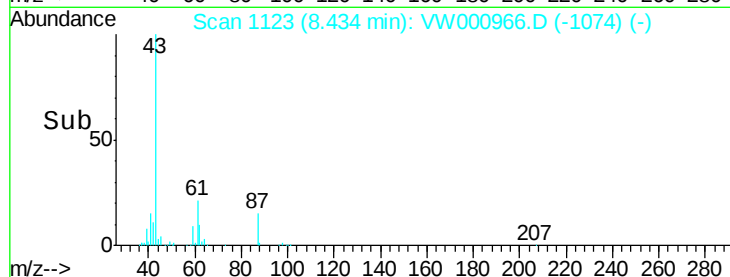
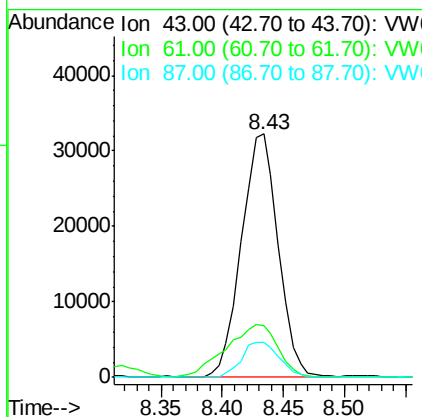
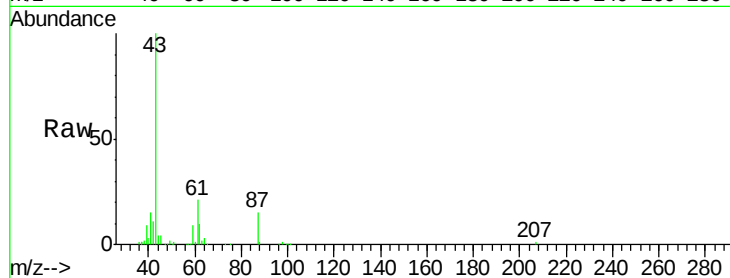
ClientSampleId :

VW0124SBS02

Tot Ion:	43	Resp:	67647
Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.6	35.4
87	14.8	11.7	17.5

Manual Integrations
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#44

Trichloroethene

Concen: 19.74 ug/l

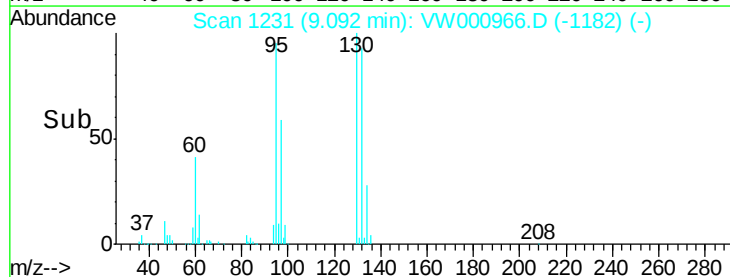
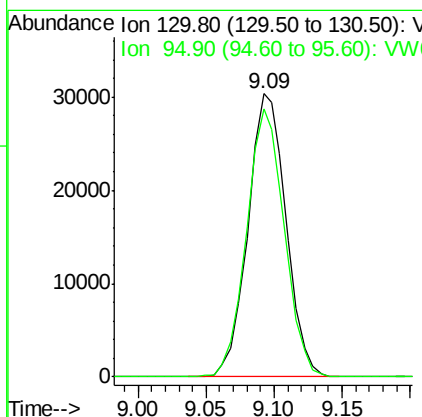
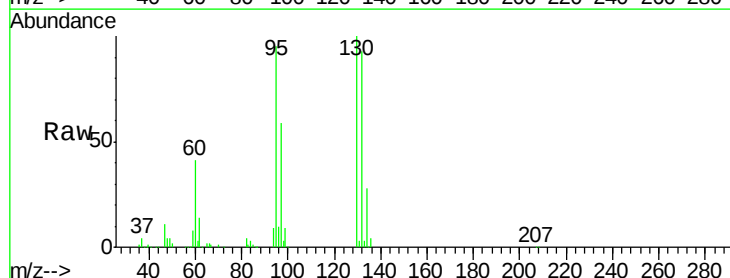
RT: 9.09 min Scan# 1231

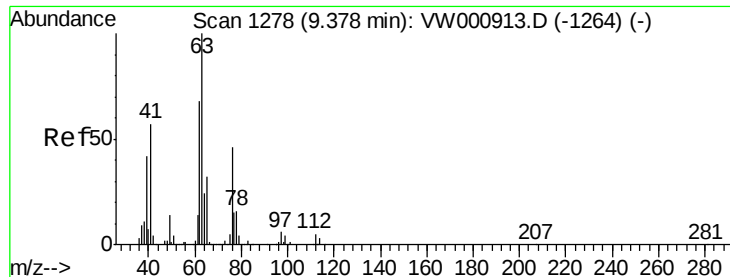
Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Tgt Ion:	130	Resp:	59369
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	190.4





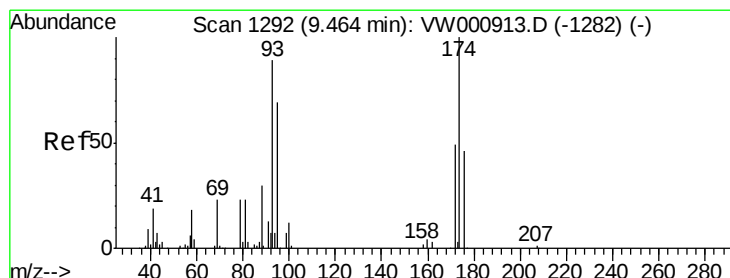
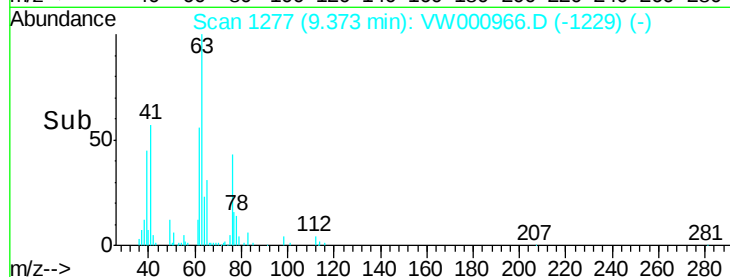
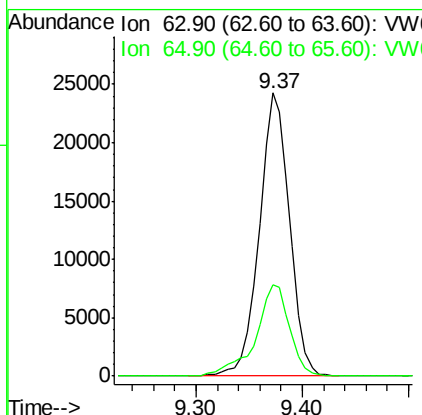
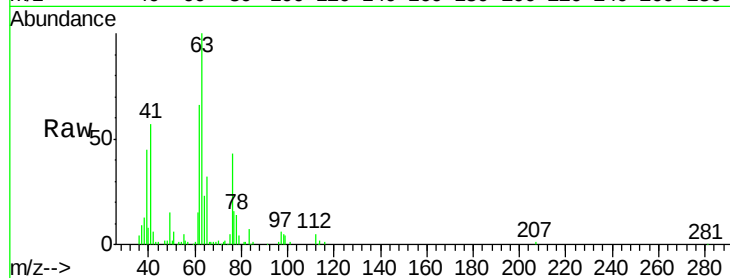
#45
 1,2-Dichloropropane
 Concen: 20.35 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.2	37.8

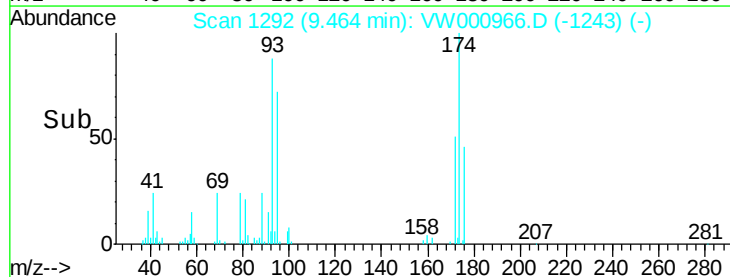
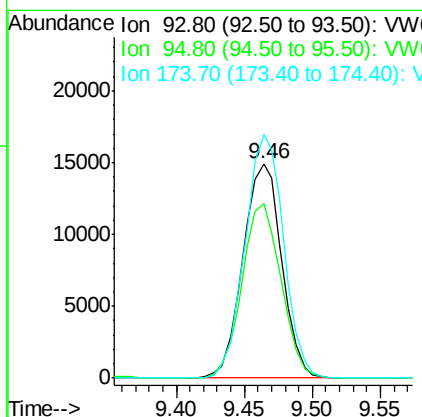
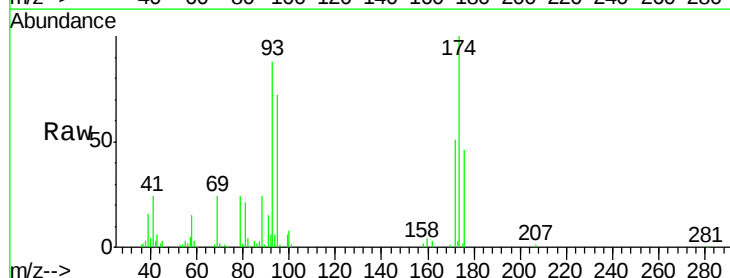
Manual Integrations
 APPROVED

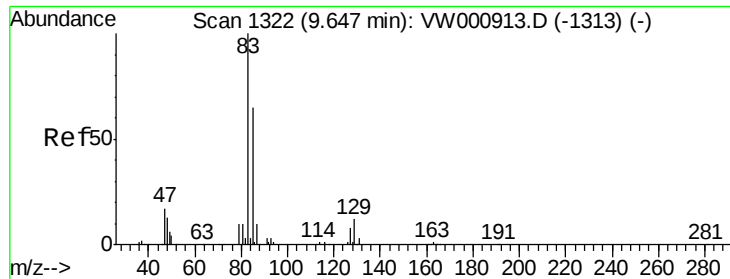
MMDadoda
 1/25/2018 1:34:02 PM



#46
 Dibromomethane
 Concen: 19.73 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.8	98.6
174	113.1	89.0	133.6





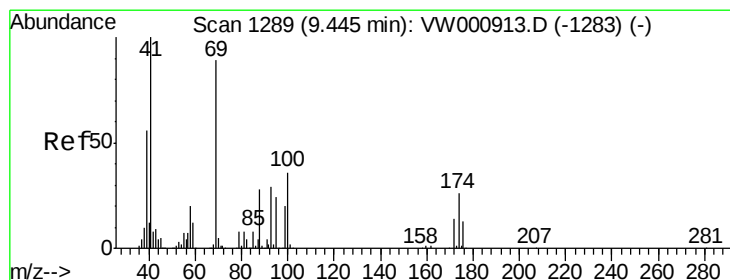
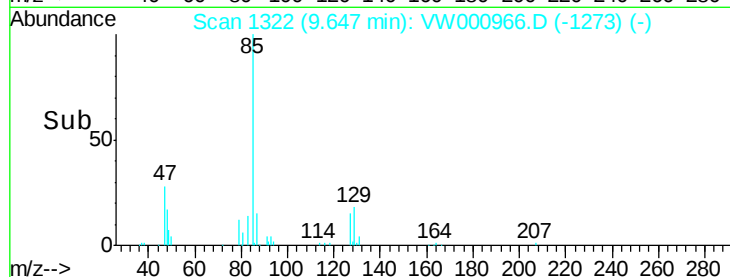
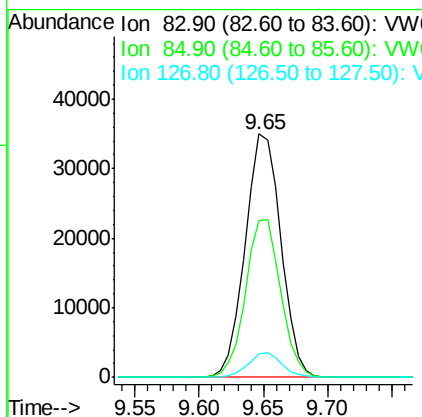
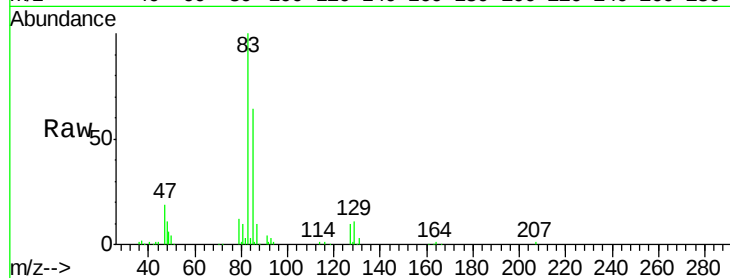
#47
Bromodichloromethane
Concen: 20.08 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tot Ion	83	Resp	67013
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	52.0	78.0
127	9.9	6.8	10.2

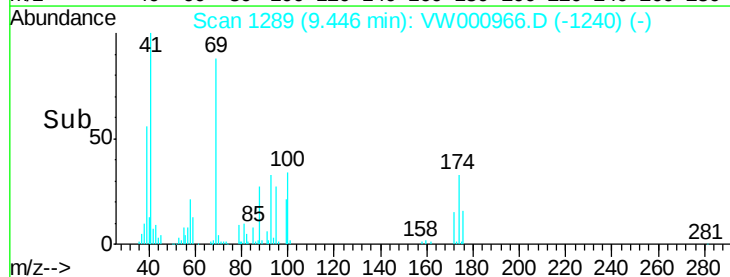
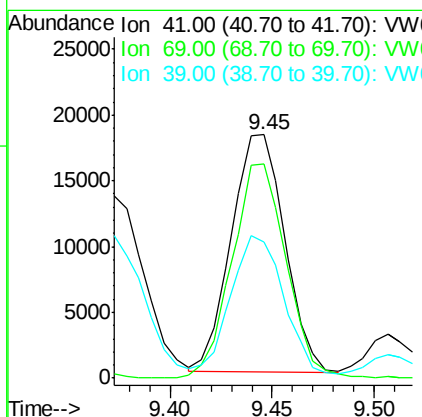
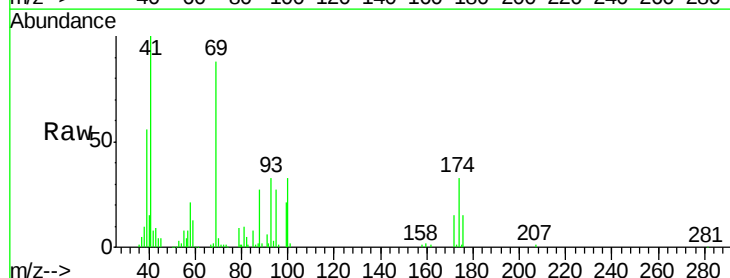
Manual Integrations
APPROVED

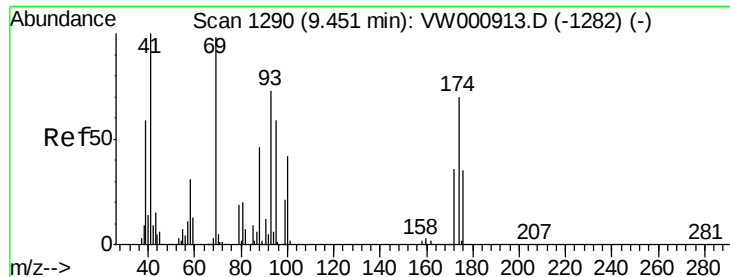
MMDadoda
1/25/2018 1:34:02 PM



#48
Methyl methacrylate
Concen: 19.22 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	41	Resp	32881
Ion Ratio	100	Lower	Upper
41	100		
69	91.6	72.9	109.3
39	60.9	48.4	72.6





#49

1,4-Dioxane

Concen: 366.17 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

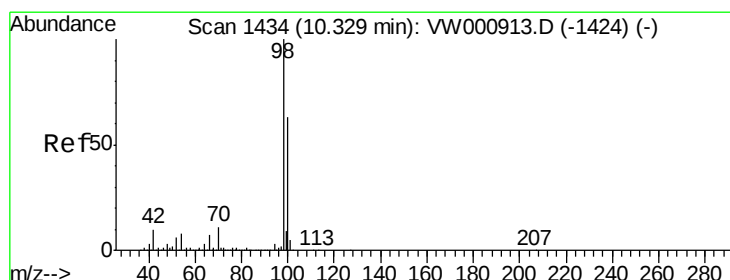
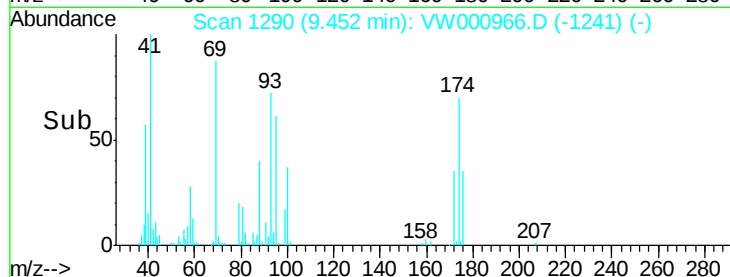
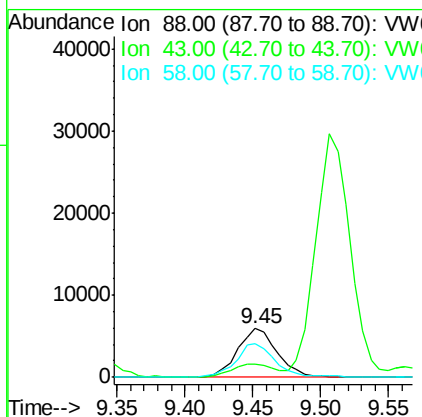
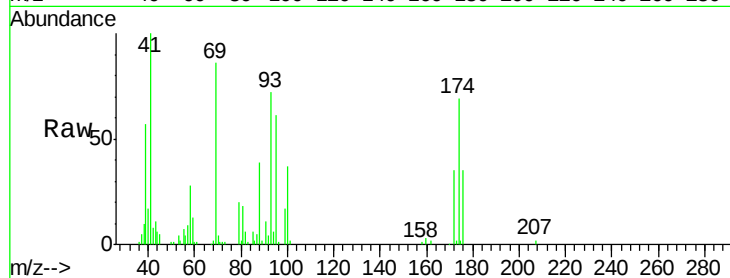
ClientSampleId :

VW0124SBSD02

Tot Ion:	88	Resp:	12077
Ion	Ratio	Lower	Upper
88	100		
43	29.7	24.5	36.7
58	68.4	54.7	82.1

Manual Integrations
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1/25/2018 1:34:02 PM



#50

Toluene-d8

Concen: 48.66 ug/l

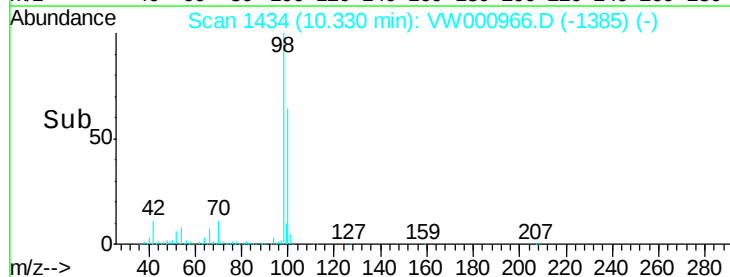
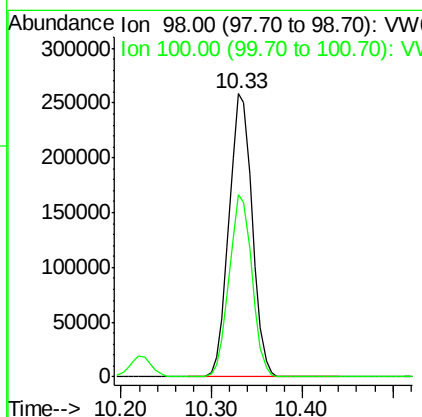
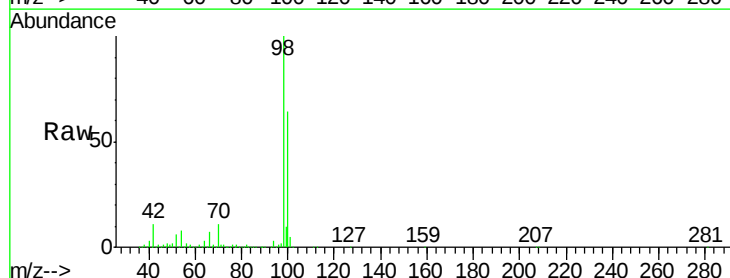
RT: 10.33 min Scan# 1434

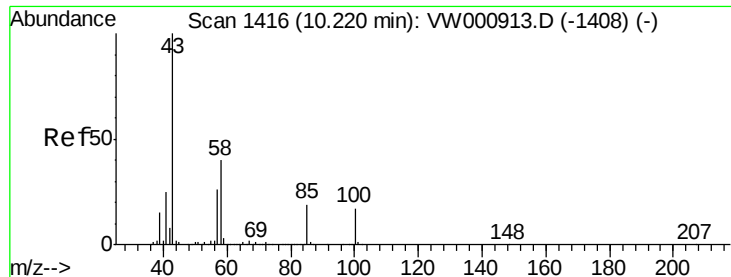
Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Tgt Ion:	98	Resp:	458612
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 93.63 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS02

Tot Ion: 43 Resp: 191942

Ion Ratio Lower Upper

43 100

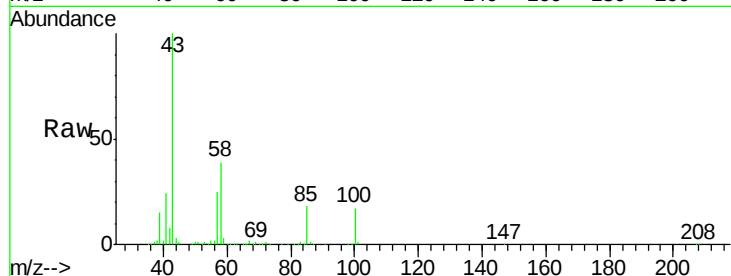
58 39.7 32.0 48.0

Manual Integrations

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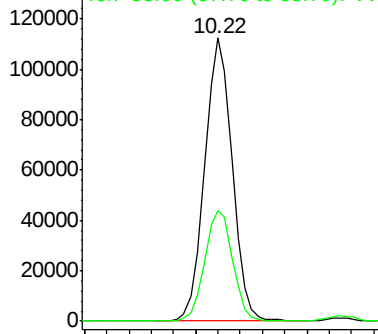
MMDadoda

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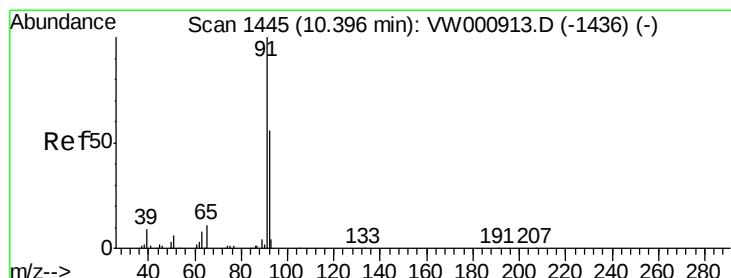
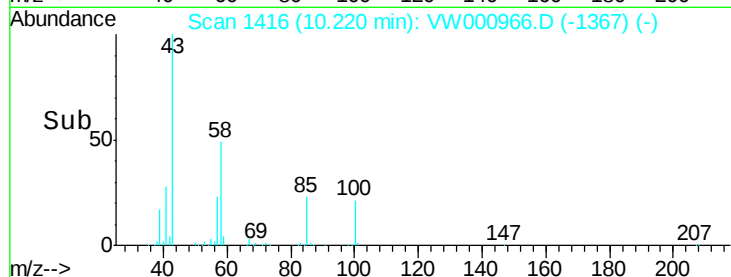


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 20.43 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW000966.D

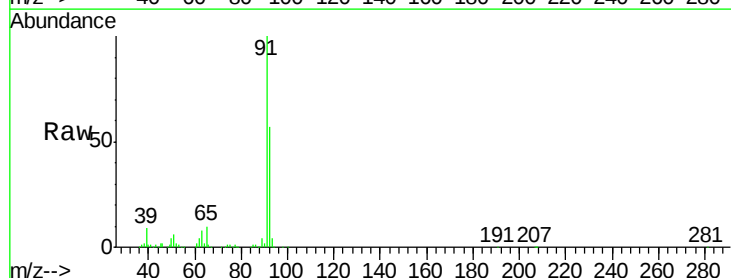
Acq: 24 Jan 2018 23:35

Tgt Ion: 92 Resp: 130686

Ion Ratio Lower Upper

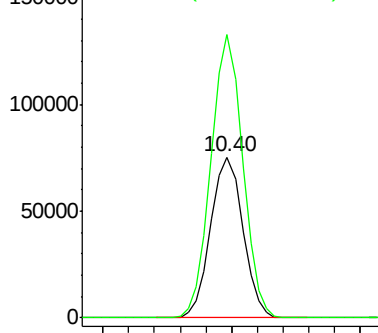
92 100

91 173.2 140.7 211.1

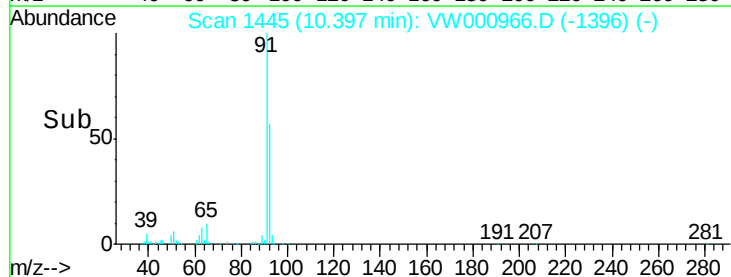


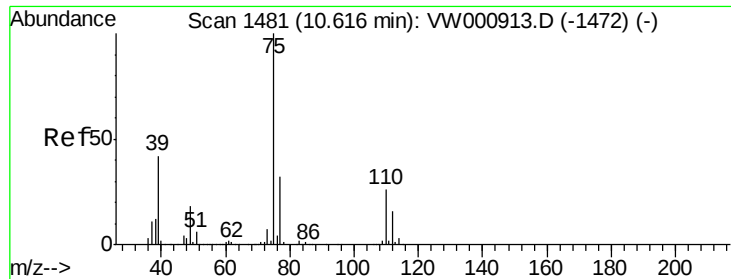
Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time--> 10.30 10.40





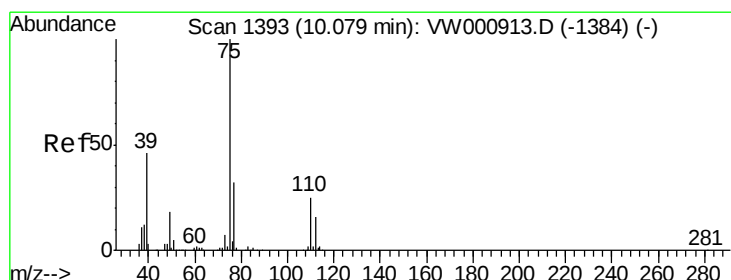
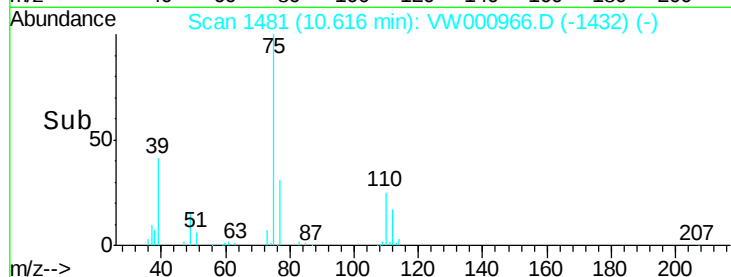
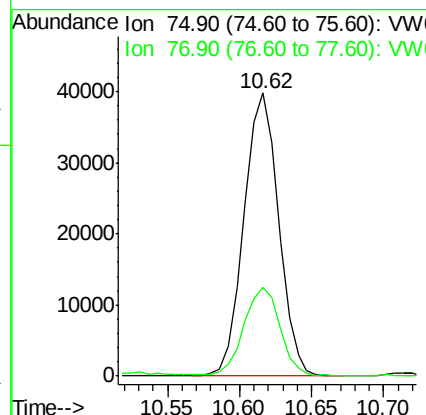
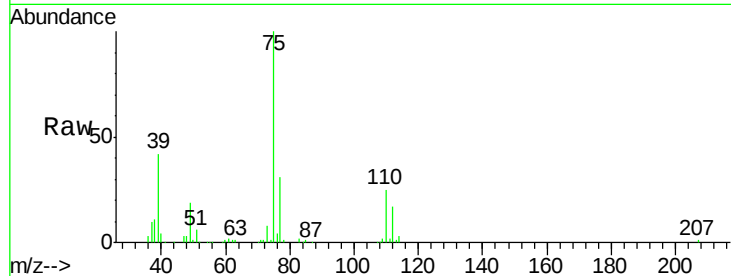
#53
 t-1,3-Dichloropropene
 Concen: 19.68 ug/l
 RT: 10.62 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

Tot Ion: 75 Resp: 66534
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.7 38.5

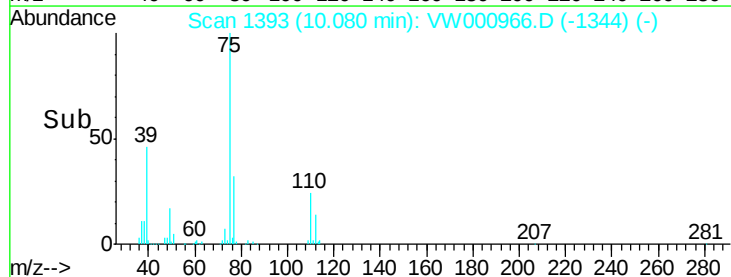
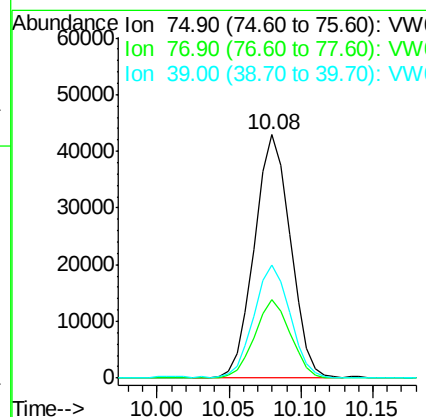
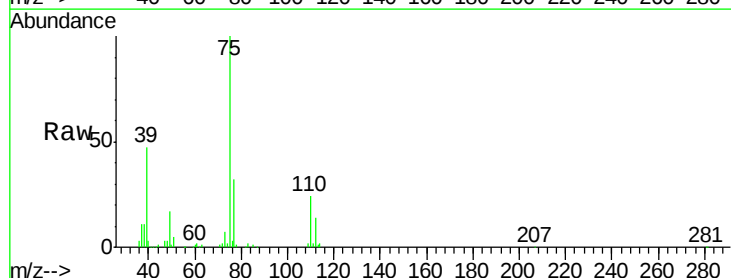
Manual Integrations
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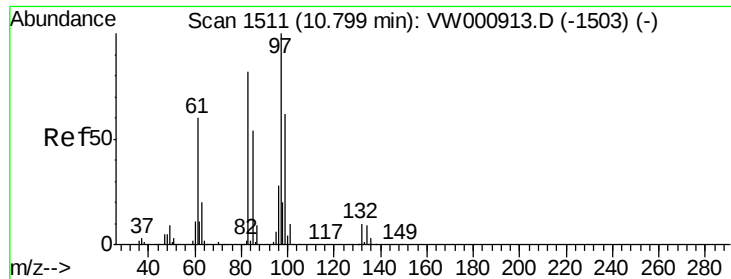
MMDadoda
 1/25/2018 1:34:02 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.02 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion: 75 Resp: 74466
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 46.4 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 20.48 ug/l

RT: 10.80 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

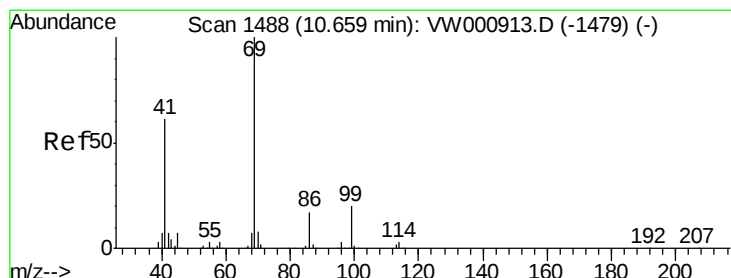
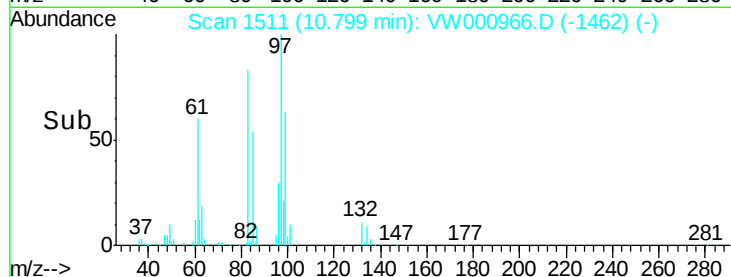
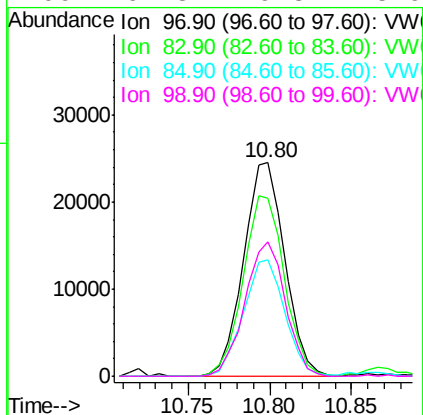
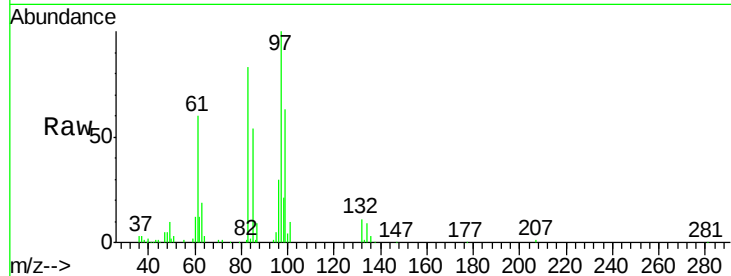
ClientSampleId :

VW0124SBSD02

Tot Ion:	97	Resp:	43150
Ion	Ratio	Lower	Upper
97	100		
83	83.2	65.2	97.8
85	54.3	43.1	64.7
99	62.8	49.3	73.9

Manual Integrations
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1/25/2018 1:34:02 PM



#56

Ethyl methacrylate

Concen: 19.68 ug/l

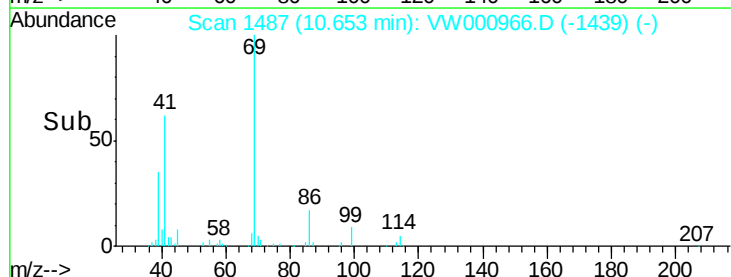
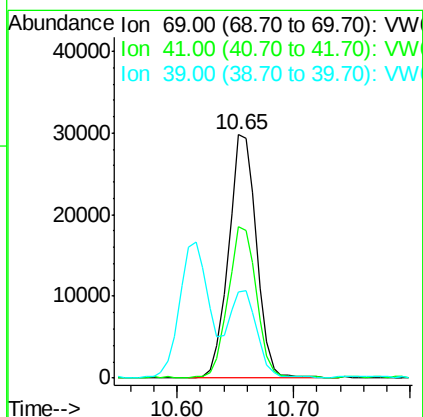
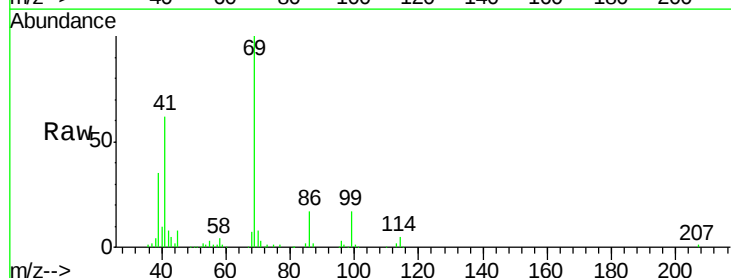
RT: 10.65 min Scan# 1487

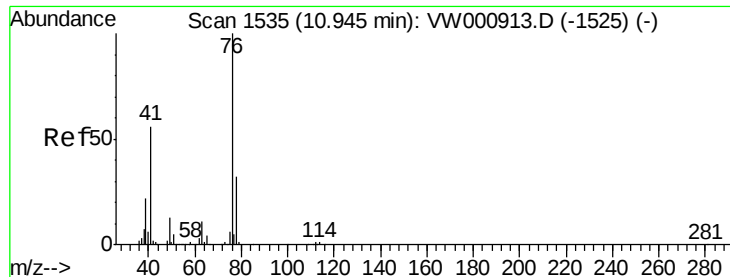
Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Tgt Ion:	69	Resp:	49674
Ion	Ratio	Lower	Upper
69	100		
41	62.7	50.3	75.5
39	36.4	28.6	42.8





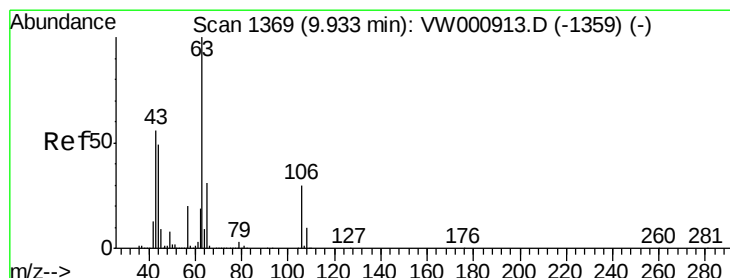
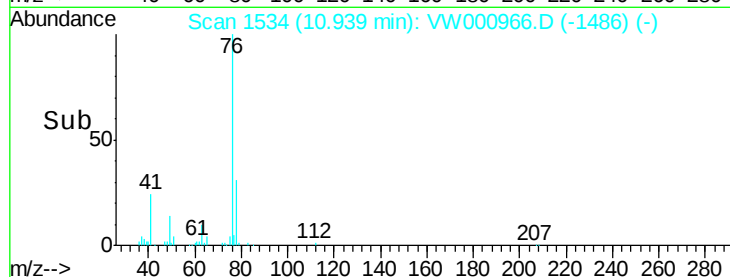
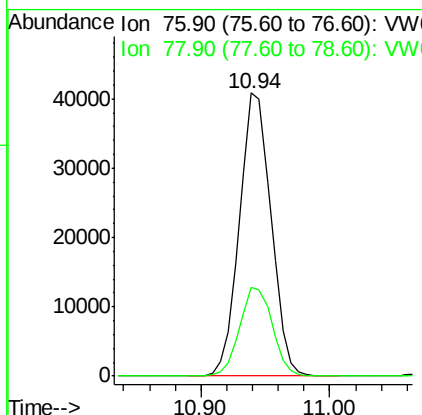
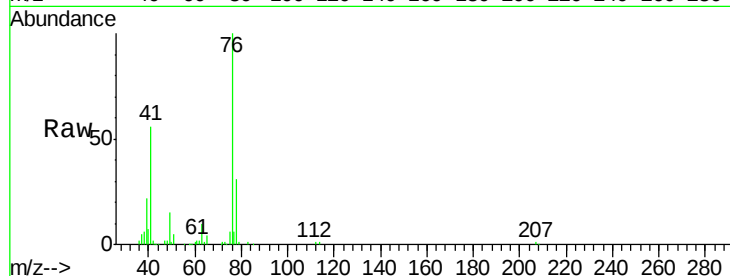
#57
 1,3-Dichloropropane
 Concen: 20.16 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

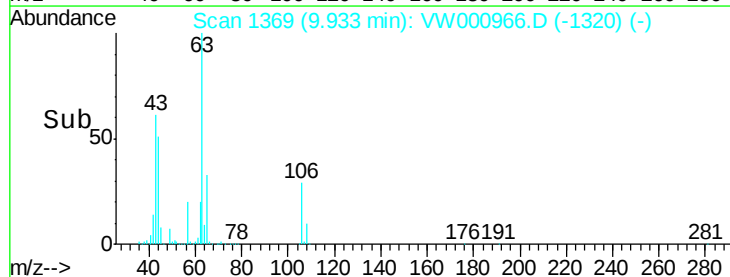
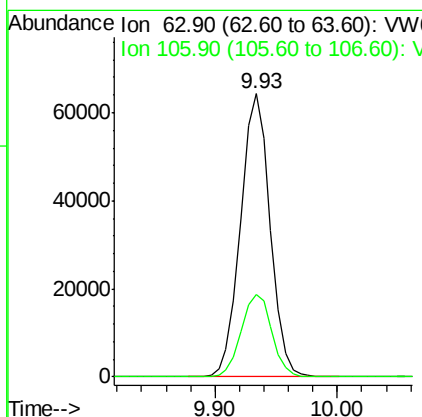
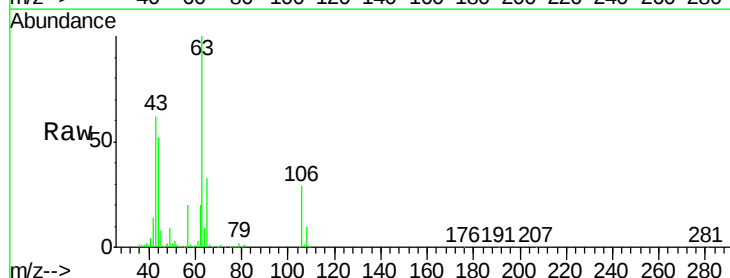
Manual Integrations
 APPROVED

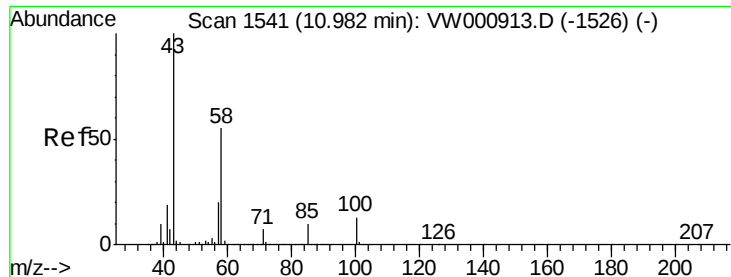
MM Dadoda
 1/25/2018 1:34:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.98 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	23.8	35.8





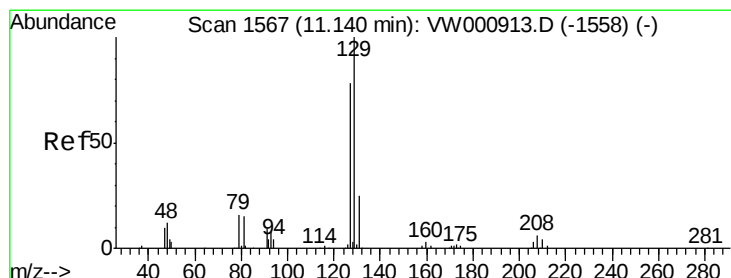
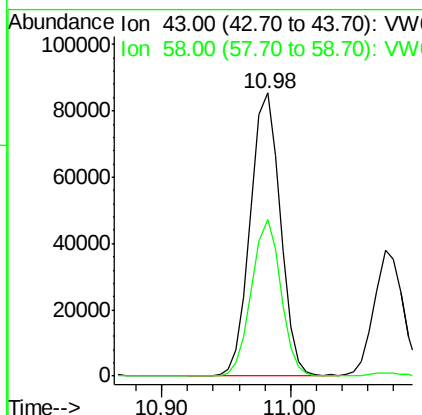
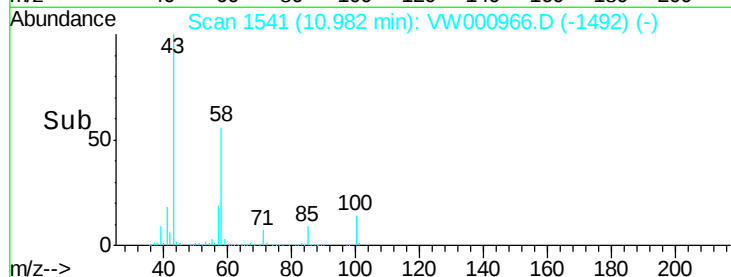
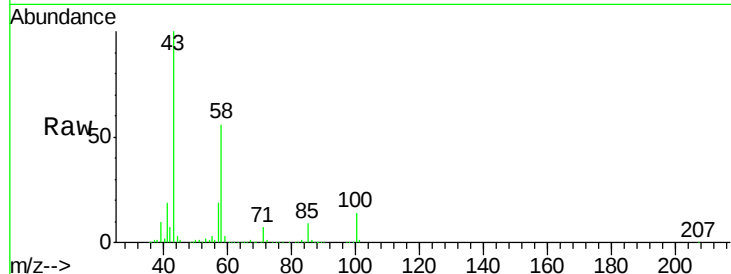
#59
2-Hexanone
Concen: 86.47 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tot Ion: 43 Resp: 137464
Ion Ratio Lower Upper
43 100
58 54.2 27.4 82.2

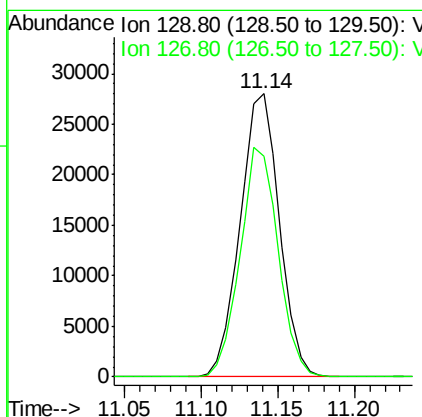
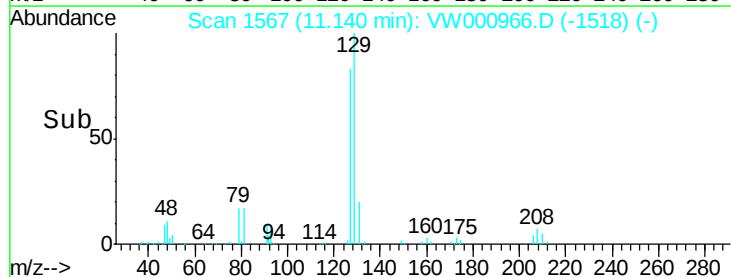
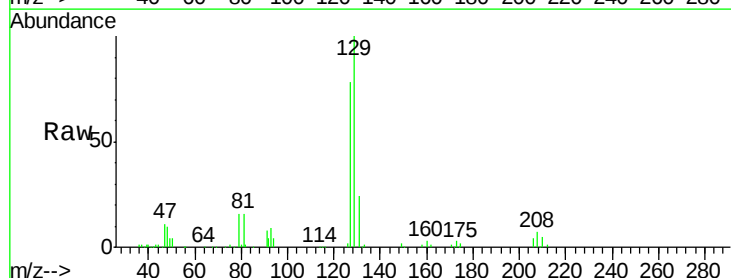
Manual Integrations
APPROVED

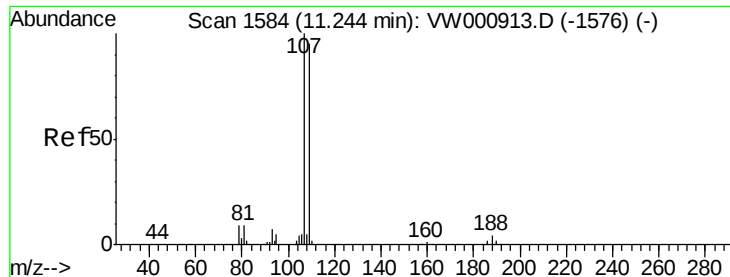
MMDadoda
1/25/2018 1:34:02 PM



#60
Dibromochloromethane
Concen: 19.61 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion: 129 Resp: 49905
Ion Ratio Lower Upper
129 100
127 78.6 38.4 115.2





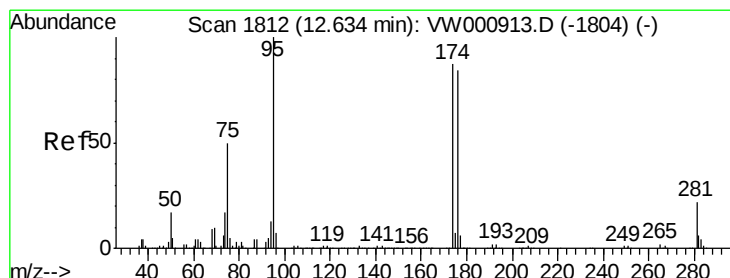
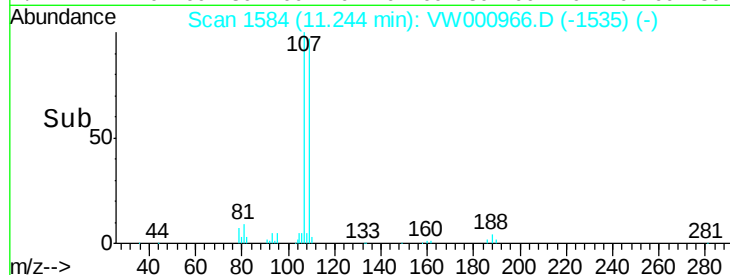
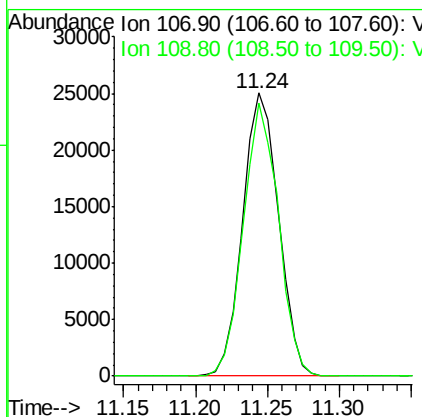
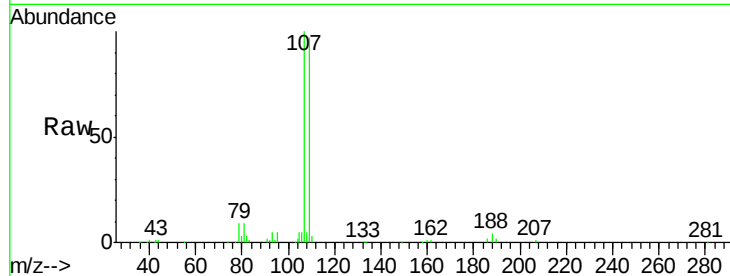
#61
 1,2-Dibromoethane
 Concen: 19.66 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

Tot Ion: 107 Resp: 43158
 Ion Ratio Lower Upper
 107 100
 109 94.5 76.0 114.0

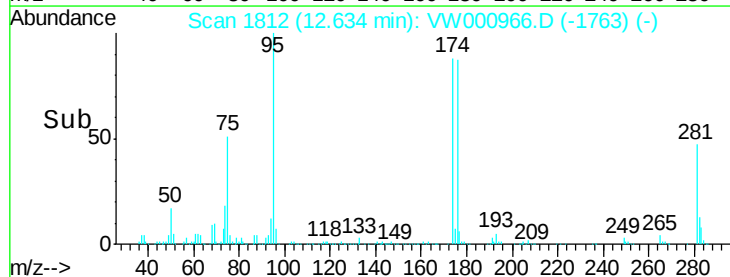
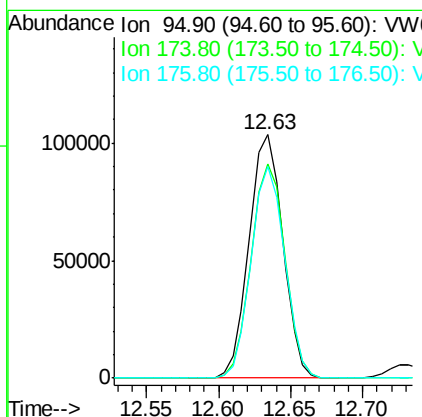
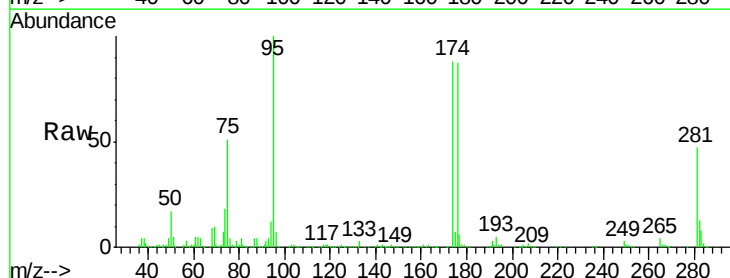
Manual Integrations
 APPROVED

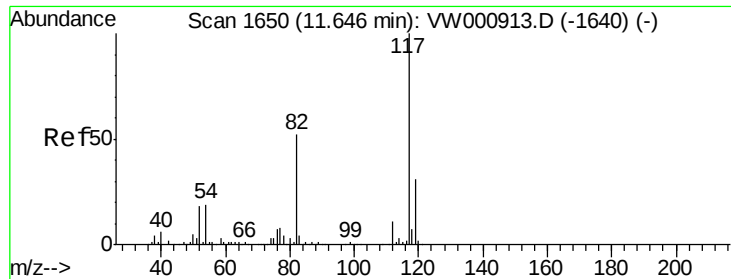
MMDadoda
 1/25/2018 1:34:02 PM



#62
 4-Bromofluorobenzene
 Concen: 48.97 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion: 95 Resp: 168056
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 176.8
 176 86.4 0.0 171.8





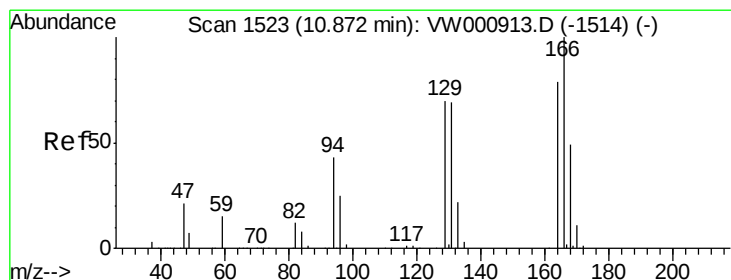
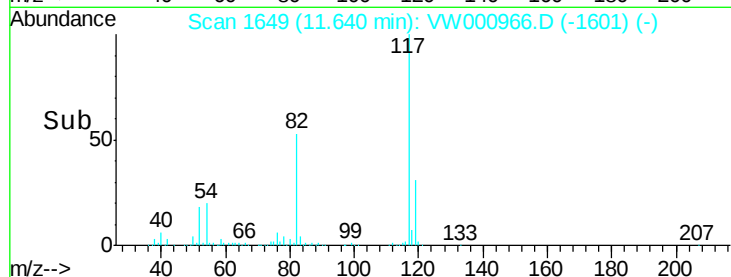
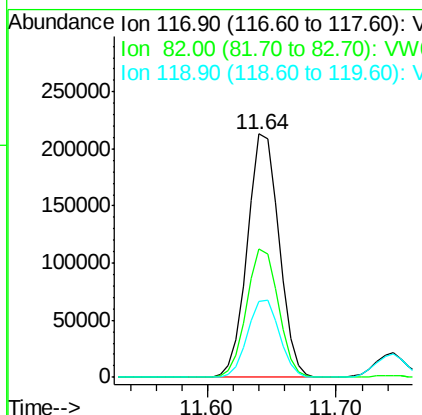
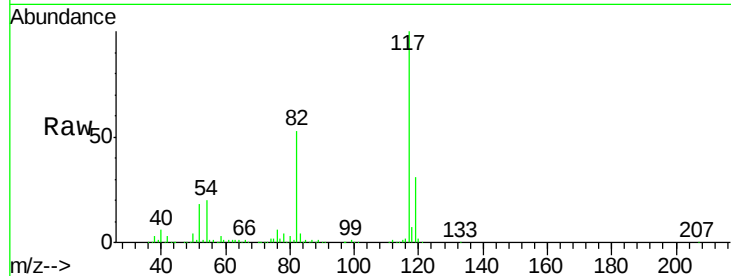
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.6
119	31.2	25.2	37.8

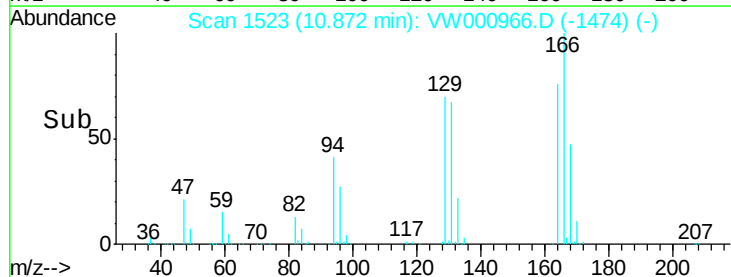
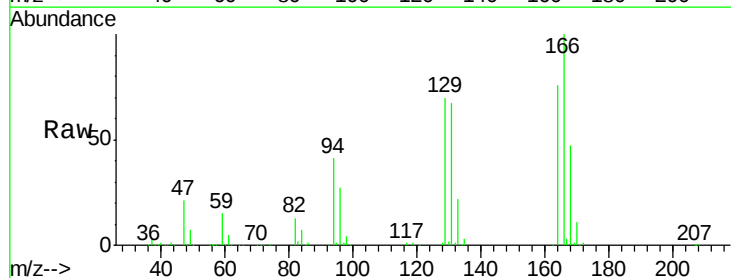
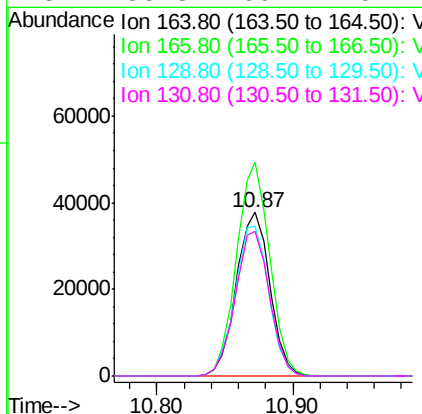
Manual Integrations
APPROVED

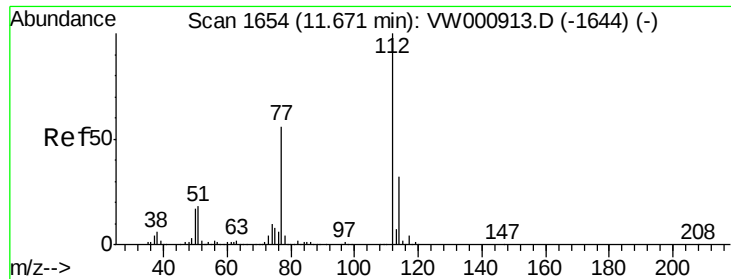
MMDadoda
1/25/2018 1:34:02 PM



#64
Tetrachloroethene
Concen: 21.67 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	100.9	151.3
129	91.6	70.5	105.7
131	88.3	69.4	104.2





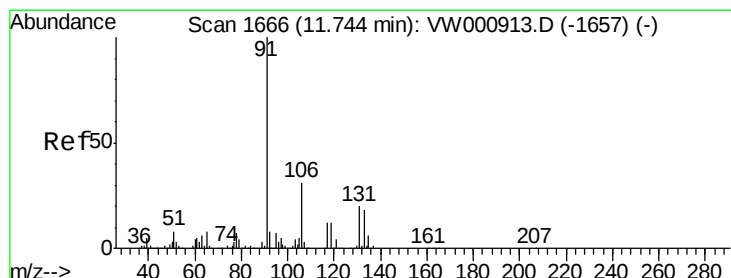
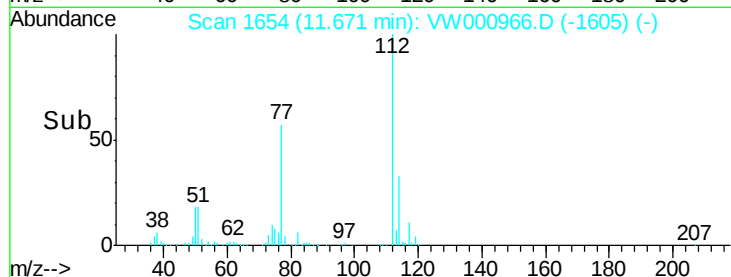
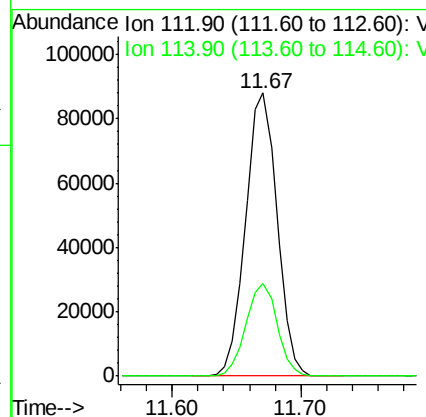
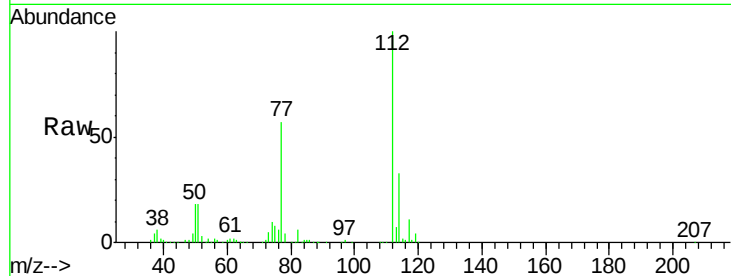
#65
Chlorobenzene
Concen: 19.99 ug/l
RT: 11.67 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.8	38.6

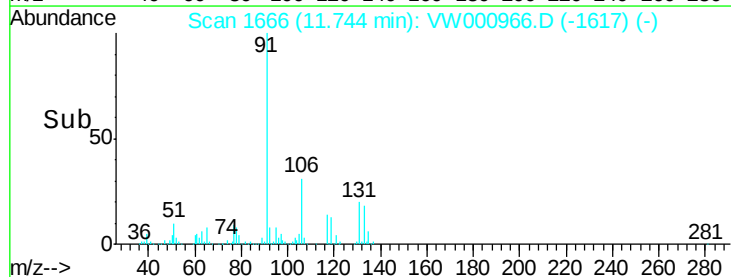
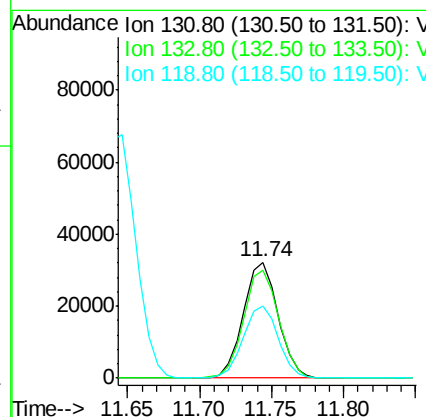
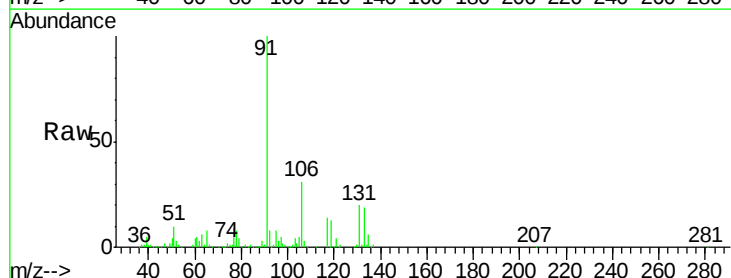
Manual Integrations
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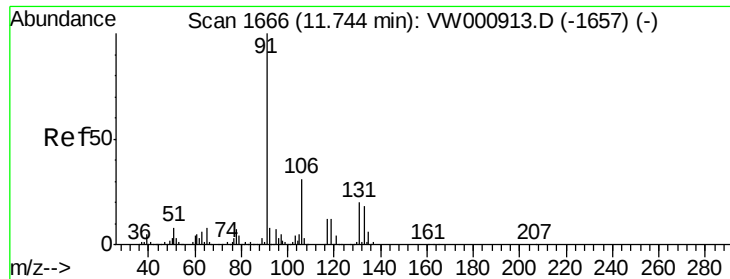
MMDadoda
1/25/2018 1:34:02 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.17 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.8	47.3	142.0
119	62.9	31.6	94.7





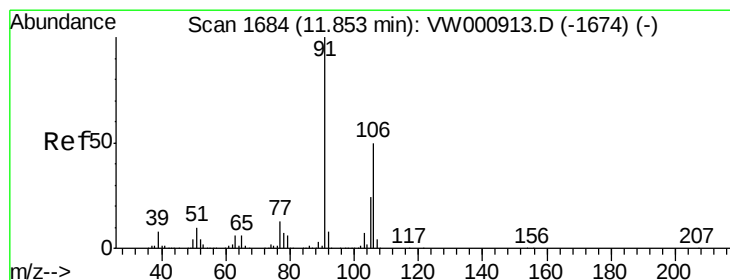
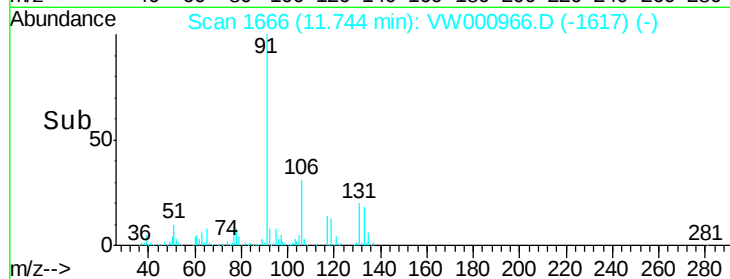
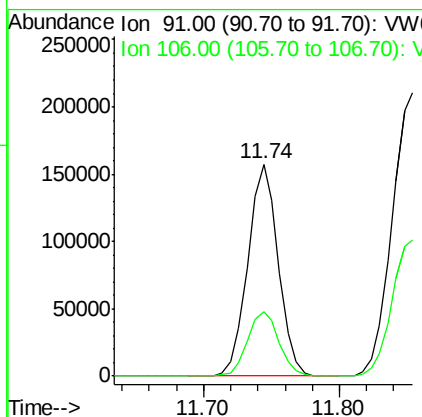
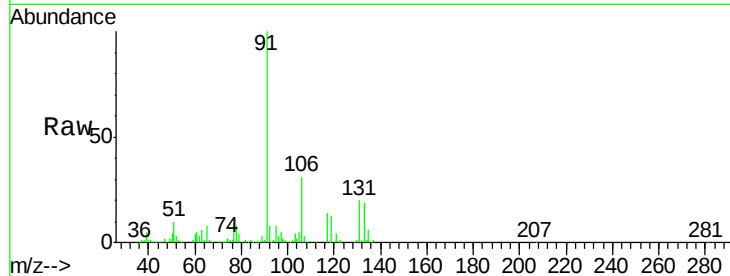
#67
Ethyl Benzene
Concen: 19.76 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tot Ion: 91 Resp: 247411
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7

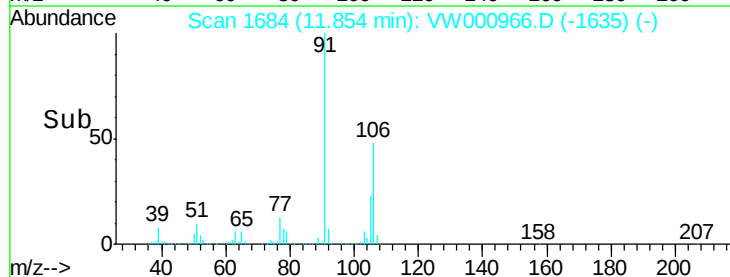
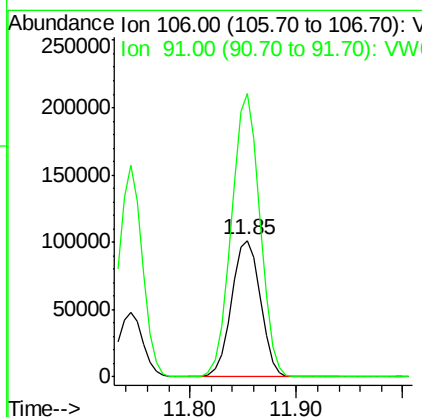
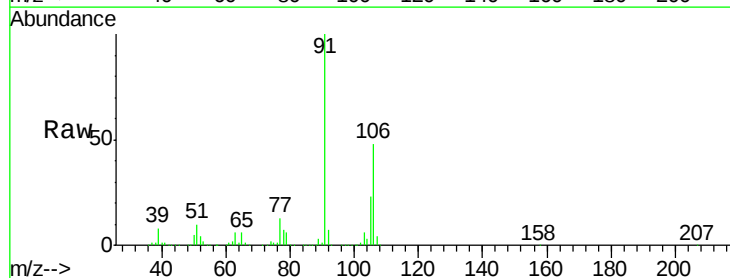
Manual Integrations
APPROVED

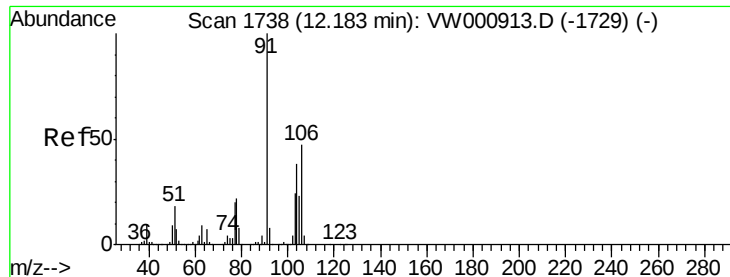
MMDadoda
1/25/2018 1:34:02 PM



#68
m/p-Xylenes
Concen: 39.86 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion: 106 Resp: 194024
Ion Ratio Lower Upper
106 100
91 203.3 161.9 242.9





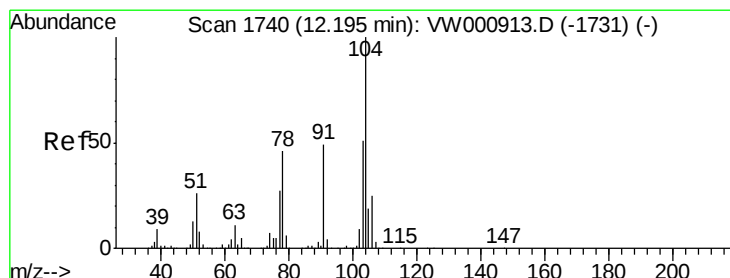
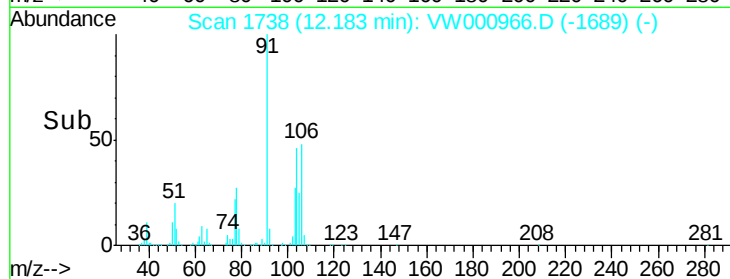
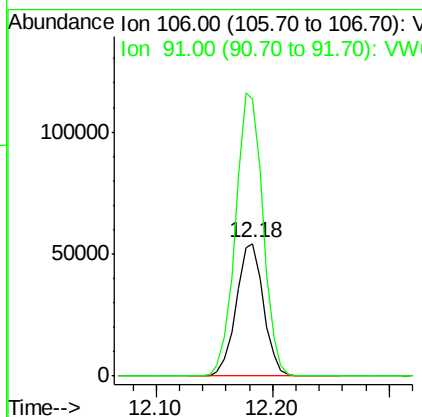
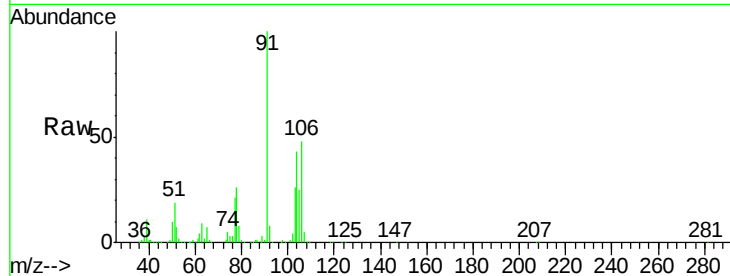
#69
o-Xylene
Concen: 19.88 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tot Ion:106 Resp: 88742
Ion Ratio Lower Upper
106 100
91 214.8 106.3 318.8

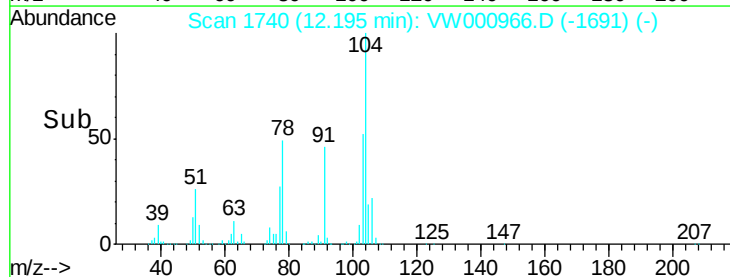
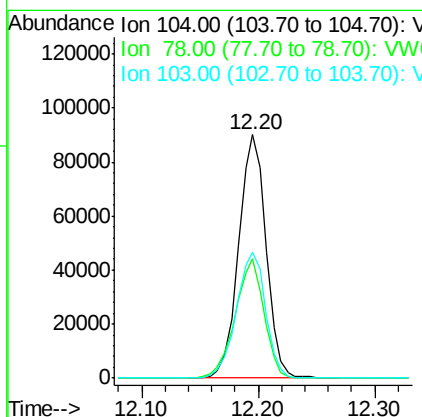
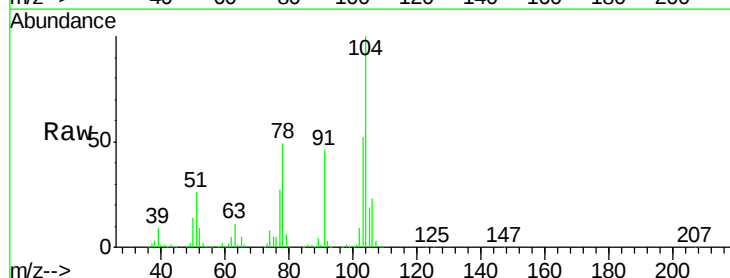
Manual Integrations
APPROVED

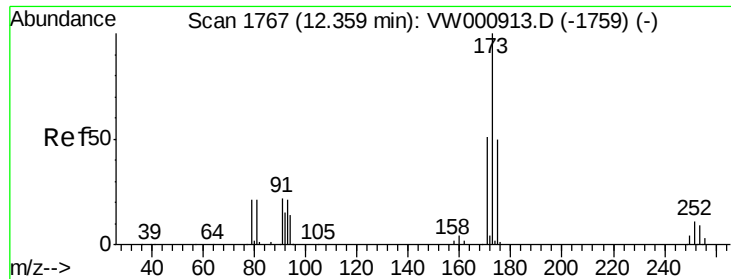
MMDadoda
1/25/2018 1:34:02 PM



#70
Styrene
Concen: 20.29 ug/l
RT: 12.20 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion:104 Resp: 147614
Ion Ratio Lower Upper
104 100
78 51.4 40.1 60.1
103 55.6 44.6 66.8





#71

Bromoform

Concen: 19.23 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

Tot Ion:173 Resp: 34723

Ion Ratio Lower Upper

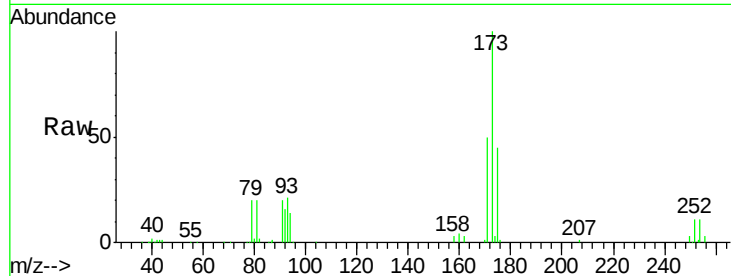
173 100

175 47.1 24.7 74.1

254 0.0 0.2 0.2#

Manual Integrations
APPROVED

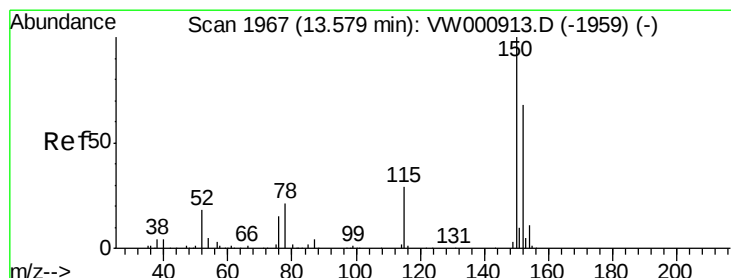
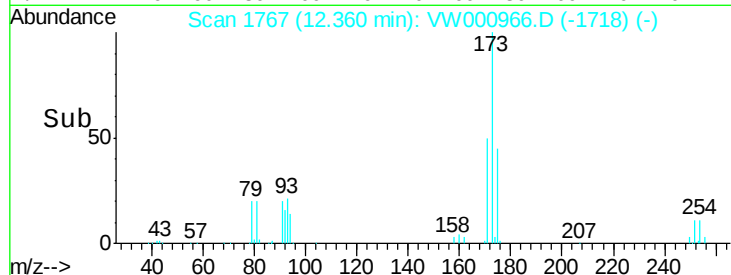
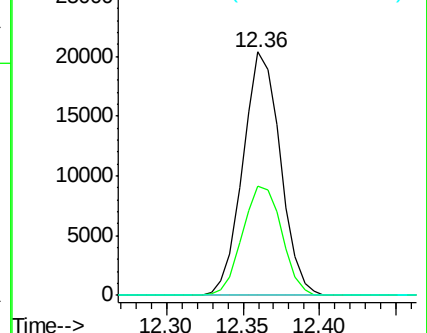
MMDadoda
1/25/2018 1:34:02 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

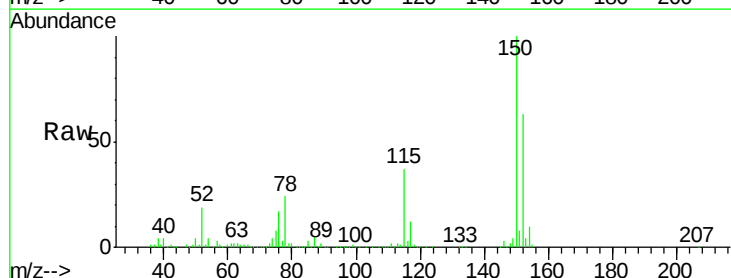
Tgt Ion:152 Resp: 196776

Ion Ratio Lower Upper

152 100

115 57.1 28.5 85.5

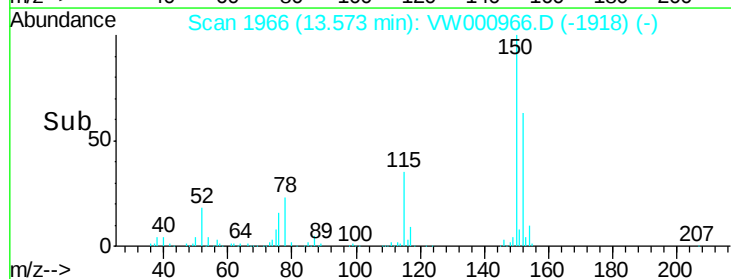
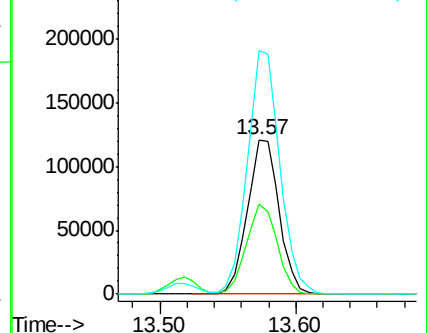
150 162.1 0.0 342.0

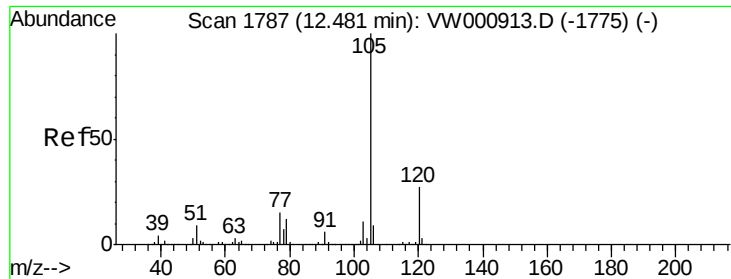


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





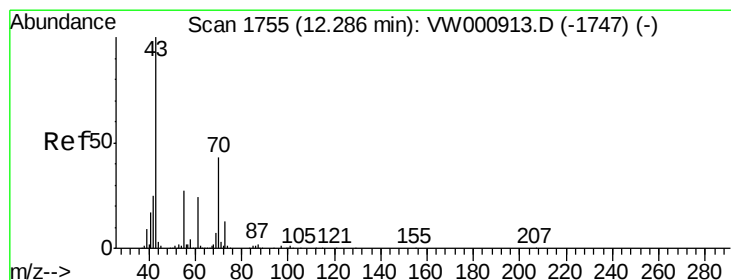
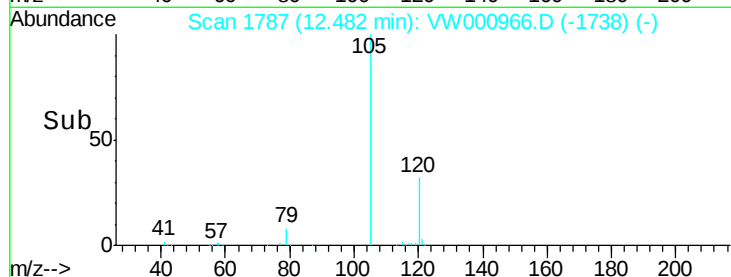
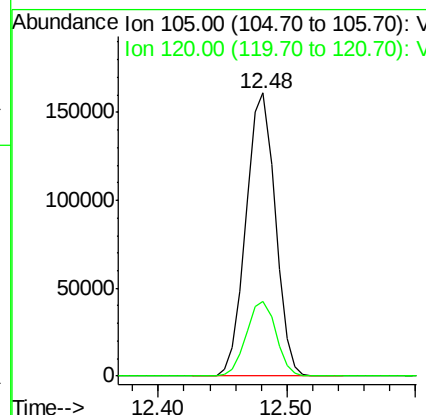
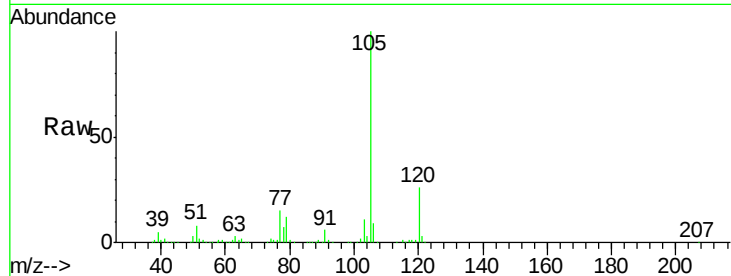
#73
Isopropylbenzene
Concen: 19.89 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	252864		
120	26.5	13.3	39.9	

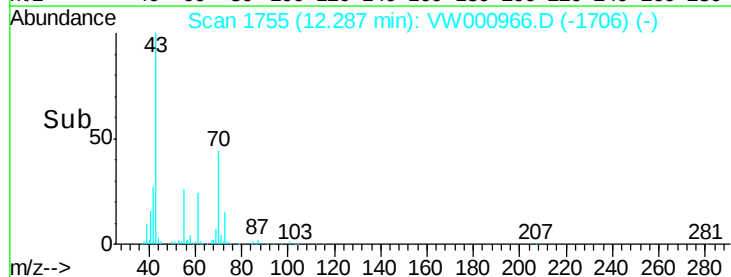
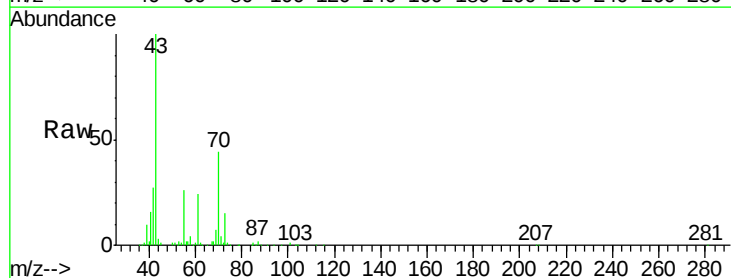
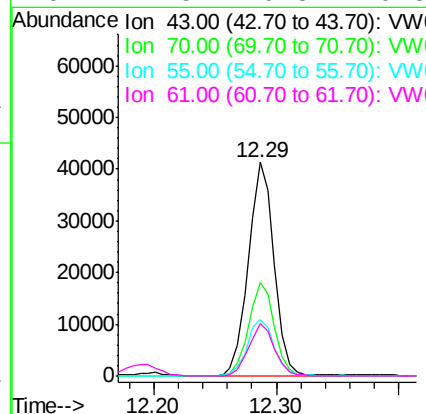
Manual Integrations
APPROVED

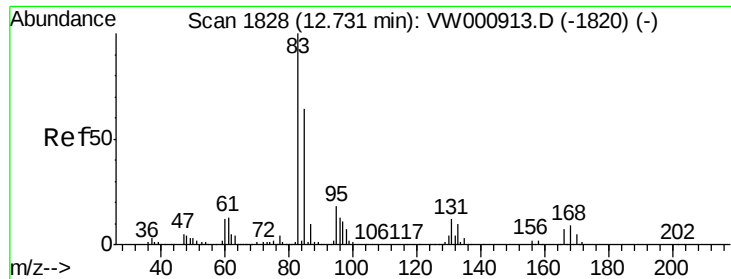
MMDadoda
1/25/2018 1:34:02 PM



#74
N-ethyl acetate
Concen: 19.53 ug/l
RT: 12.29 min Scan# 1755
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	60313		
70	44.0	35.8	53.8	
55	27.7	21.4	32.2	
61	24.5	19.5	29.3	





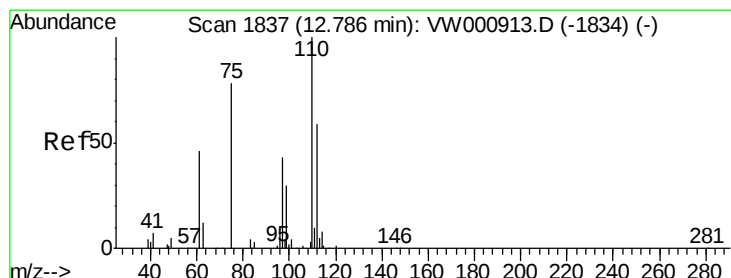
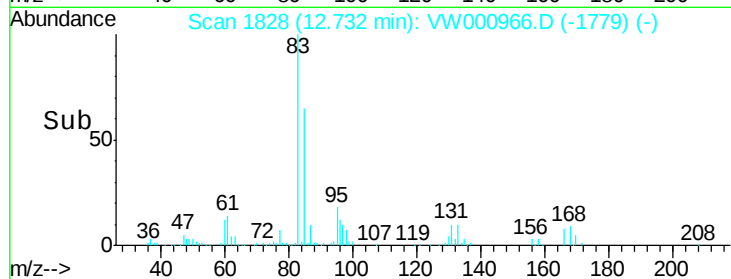
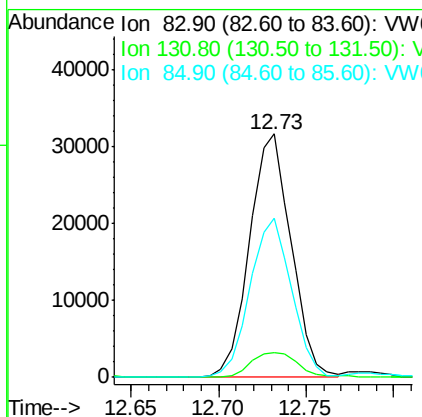
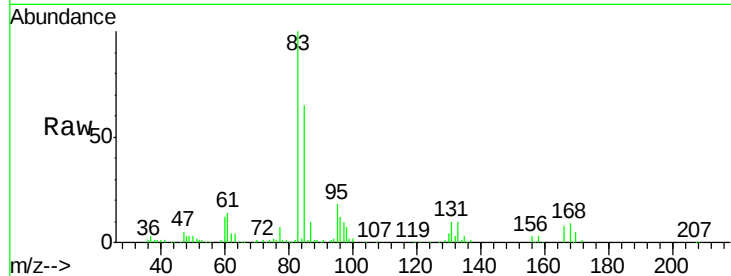
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.18 ug/l
 RT: 12.73 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.9	17.7
85	65.4	32.6	97.7

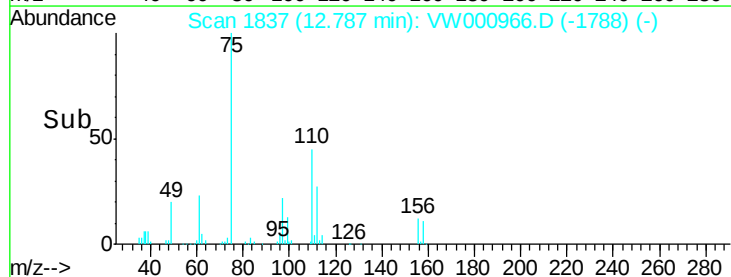
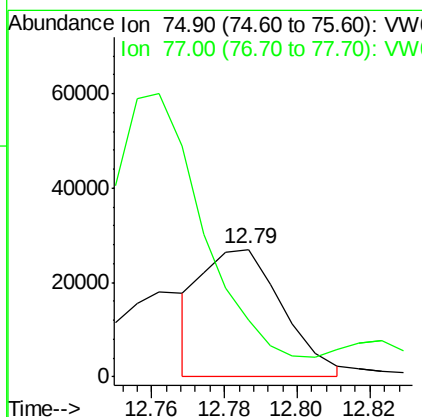
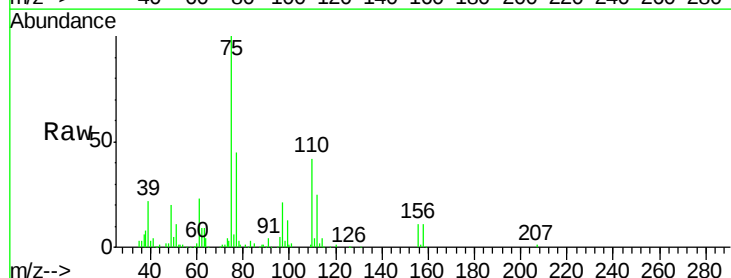
Manual Integrations
 APPROVED

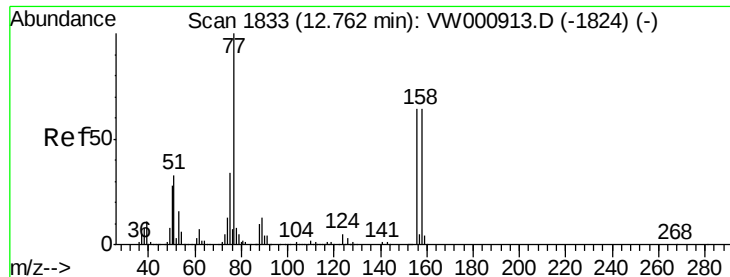
MMDadoda
 1/25/2018 1:34:02 PM



#76
 1,2,3-Trichloropropane
 Concen: 18.18 ug/l m
 RT: 12.79 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.97 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

Tot Ion:156 Resp: 64613

Ion Ratio Lower Upper

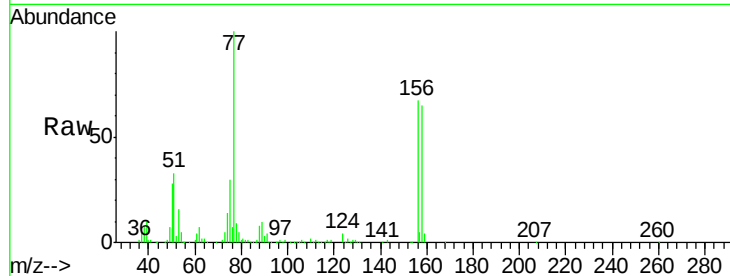
156 100

77 179.6 89.0 267.1

158 97.6 48.9 146.8

Manual Integrations
APPROVED

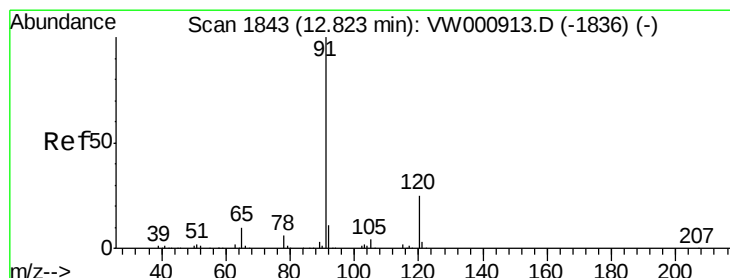
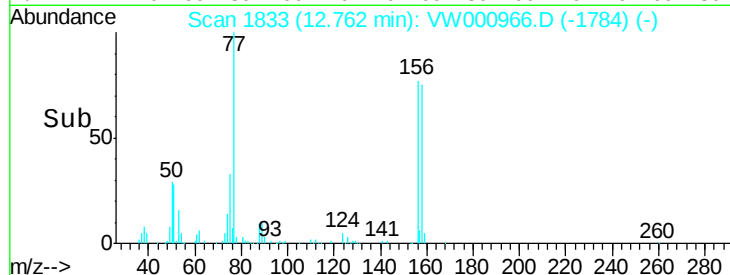
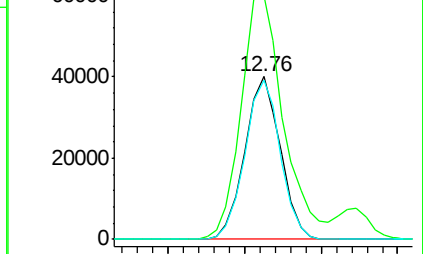
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.90 ug/l

RT: 12.82 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VW000966.D

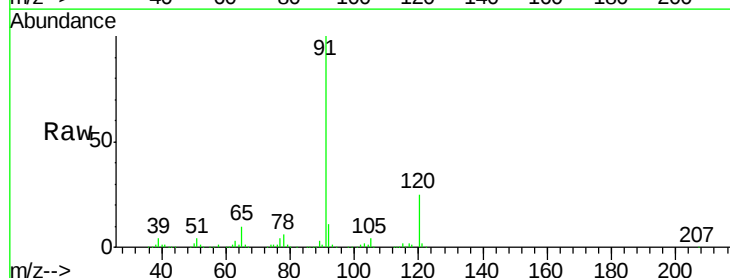
Acq: 24 Jan 2018 23:35

Tgt Ion: 91 Resp: 305330

Ion Ratio Lower Upper

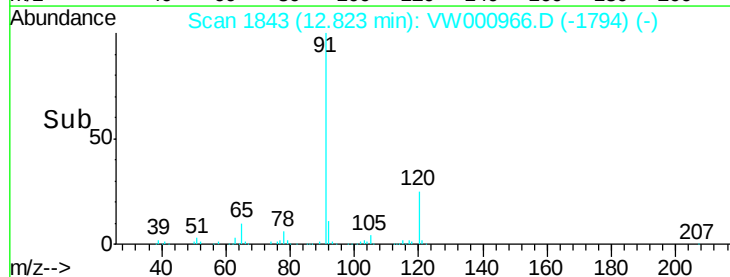
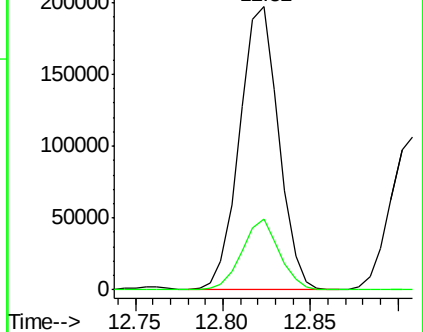
91 100

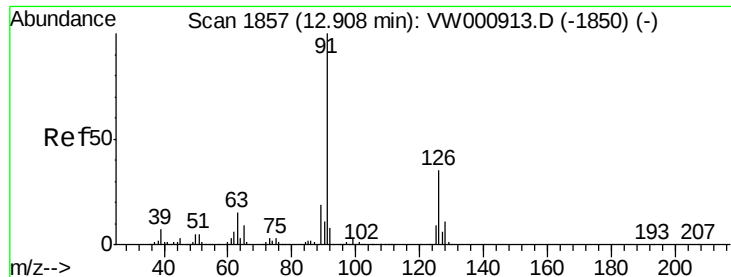
120 23.8 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.99 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

Tot Ion: 91 Resp: 172968

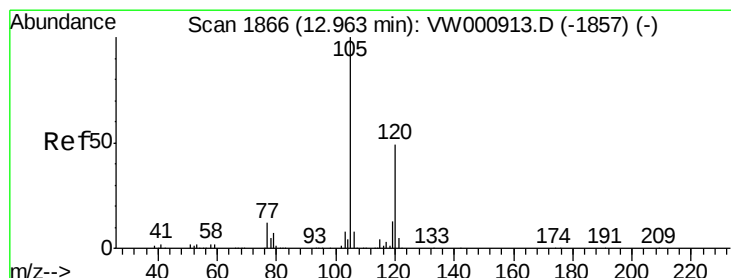
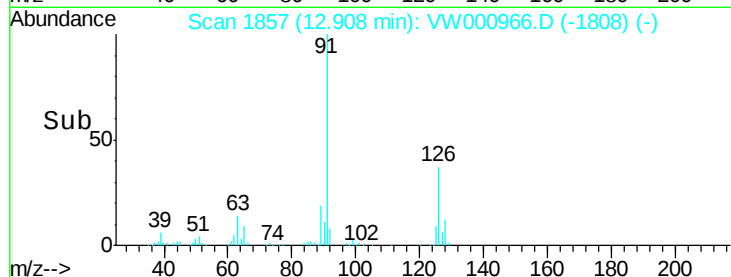
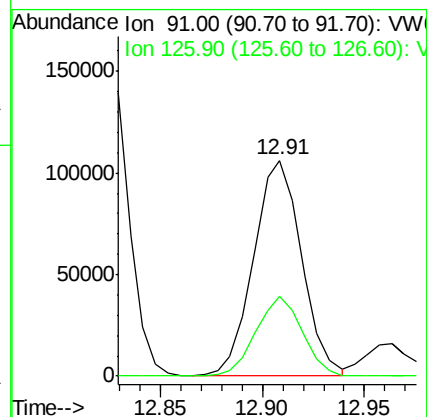
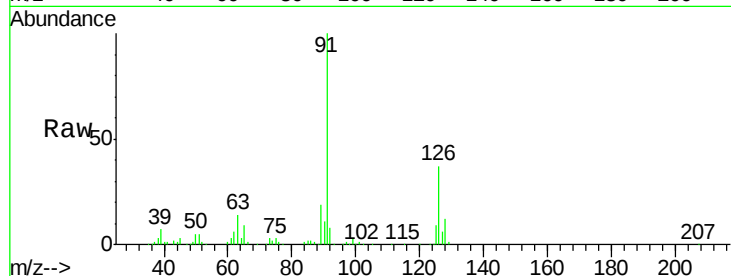
Ion Ratio Lower Upper

91 100

126 35.7 17.6 52.8

Manual Integrations
APPROVED

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#80

1,3,5-Trimethylbenzene

Concen: 20.22 ug/l

RT: 12.96 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VW000966.D

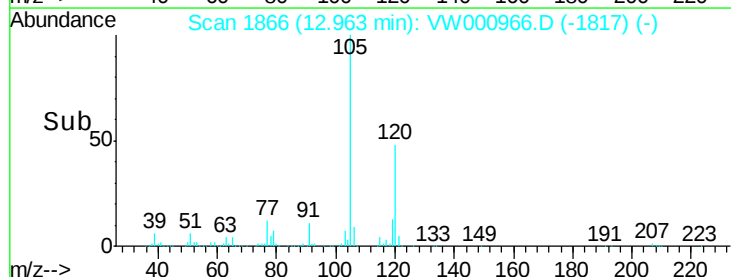
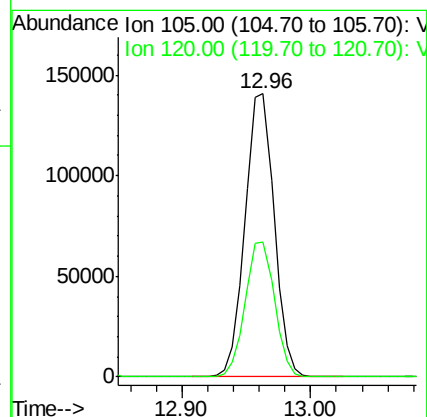
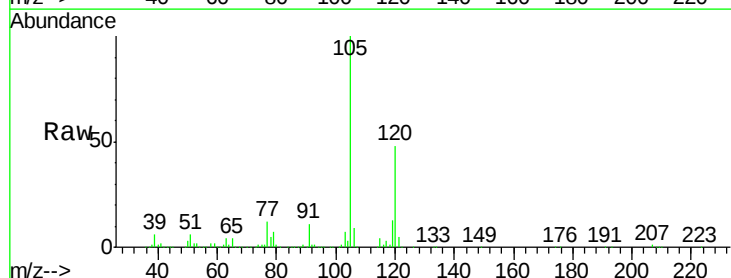
Acq: 24 Jan 2018 23:35

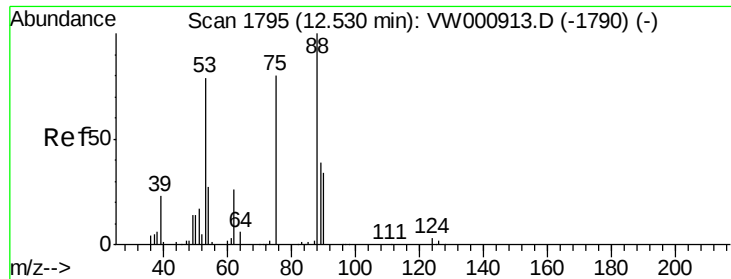
Tgt Ion:105 Resp: 218771

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9





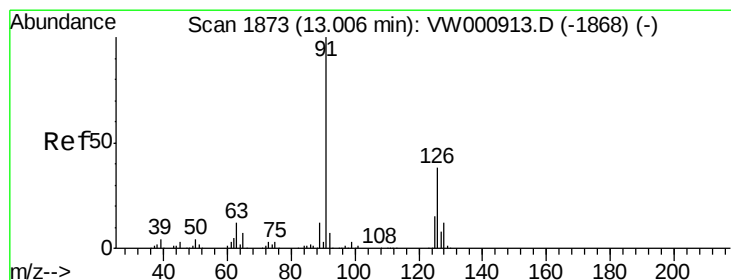
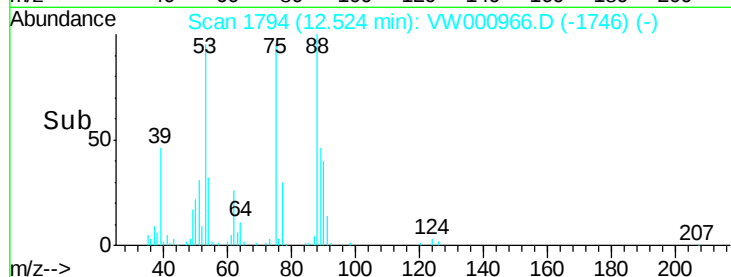
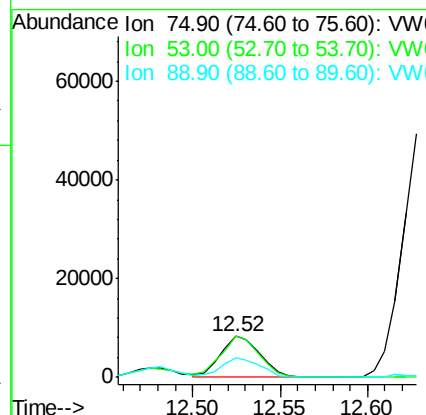
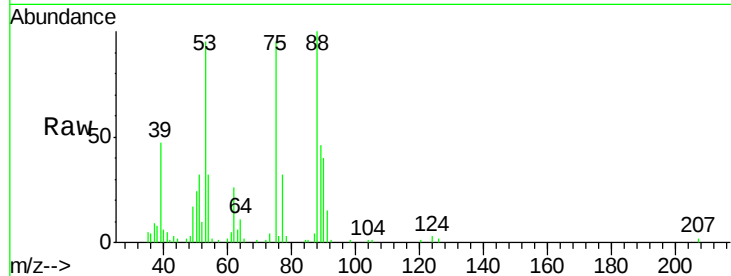
#81
trans-1,4-Dichloro-2-butene
Concen: 17.49 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.0	77.5	116.3
89	47.7	38.2	57.4

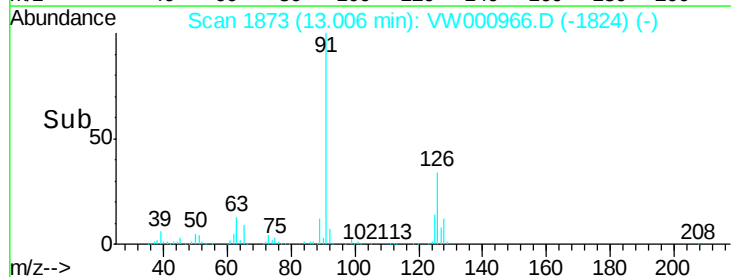
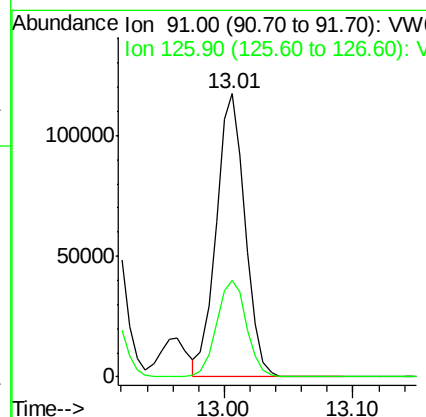
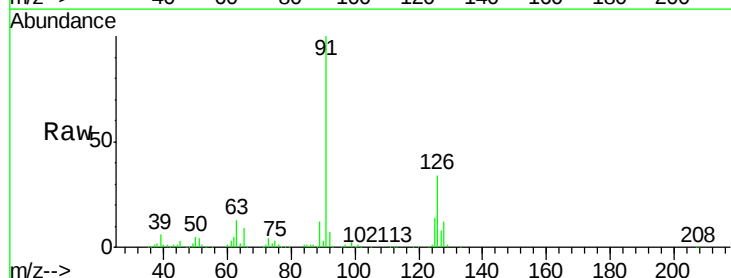
Manual Integrations
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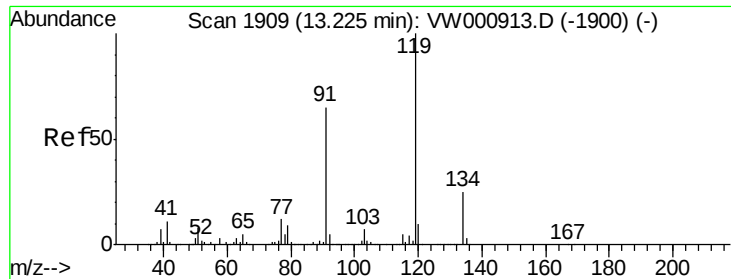
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.99 ug/l
RT: 13.01 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.6	52.9





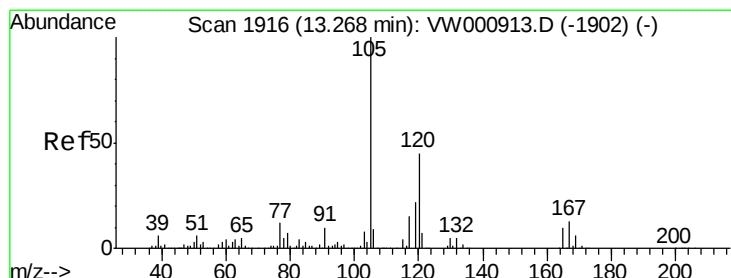
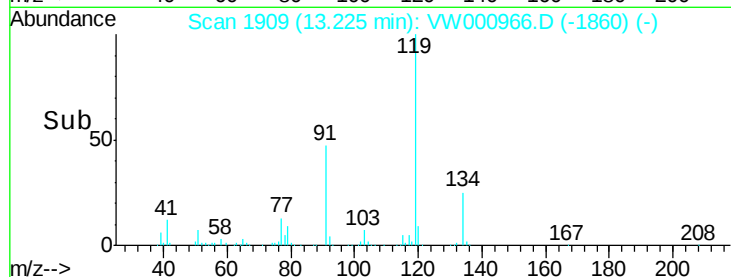
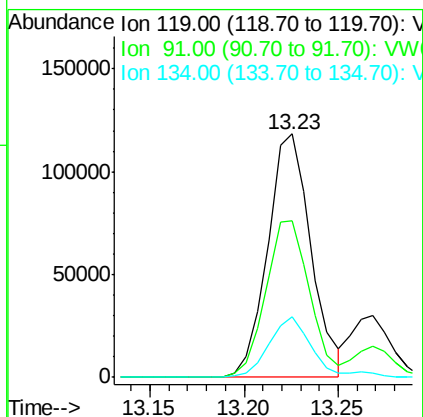
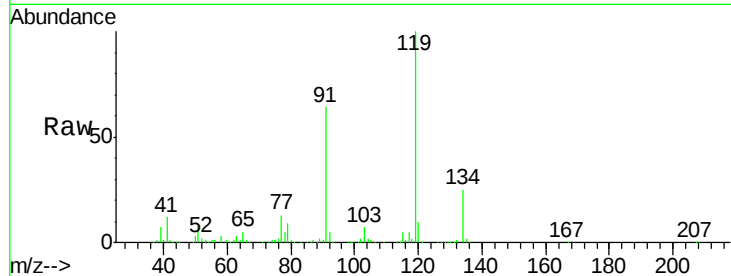
#83
 tert-Butylbenzene
 Concen: 19.89 ug/l
 RT: 13.23 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	188489		
91	65.2	32.4	97.0	
134	25.2	13.1	39.3	

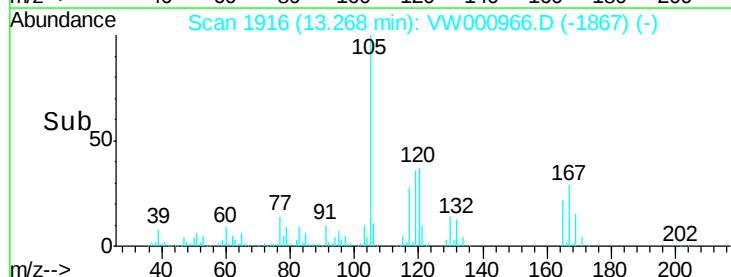
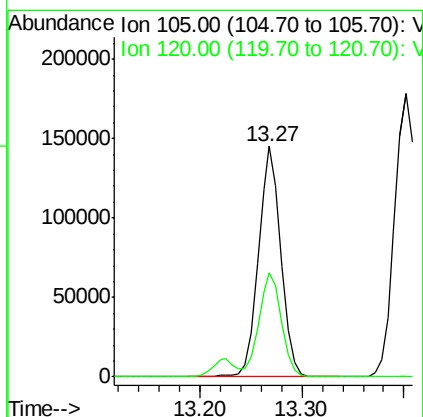
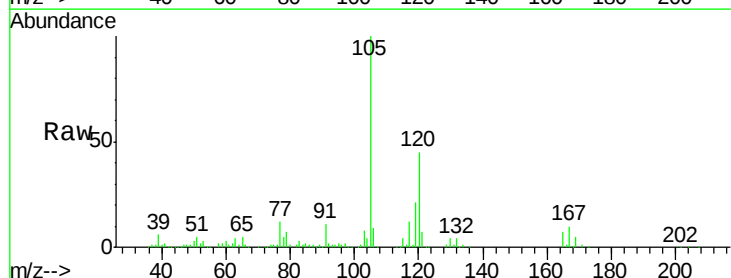
Manual Integrations
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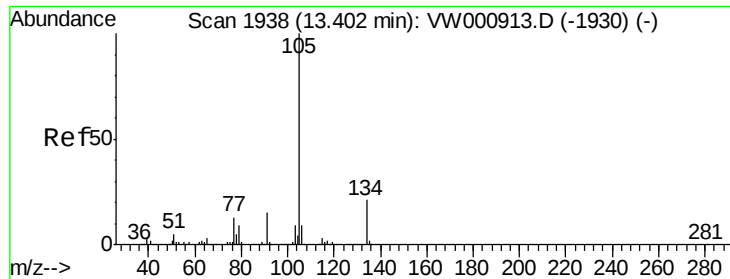
MMDadoda
 1/25/2018 1:34:02 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.33 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	222362		
120	45.6	22.4	67.0	





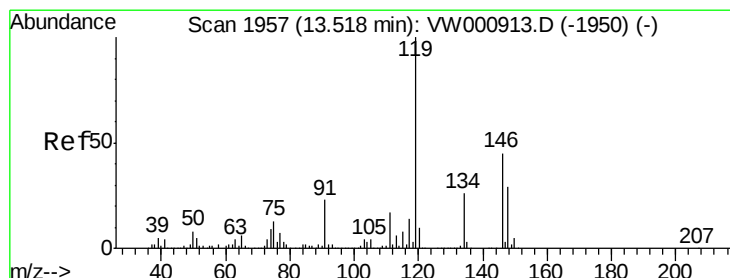
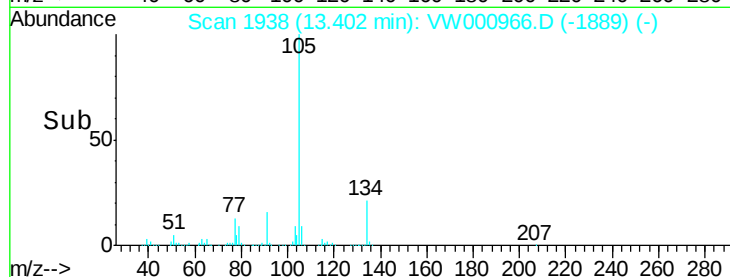
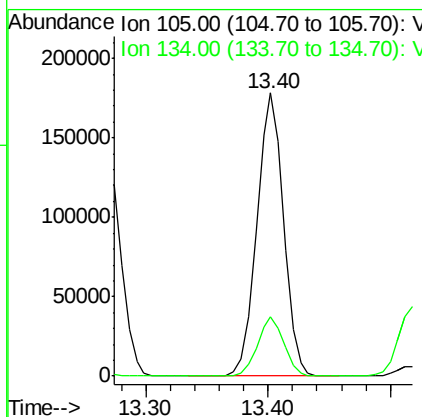
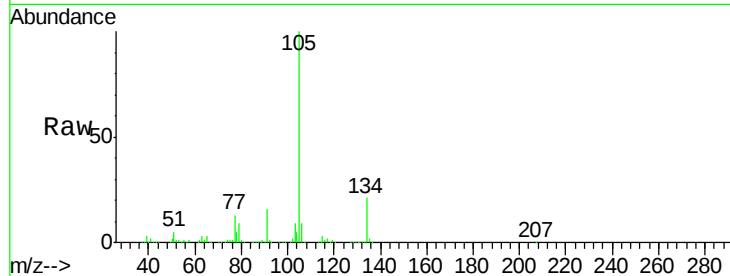
#85
 sec-Butylbenzene
 Concen: 19.82 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.3	30.9

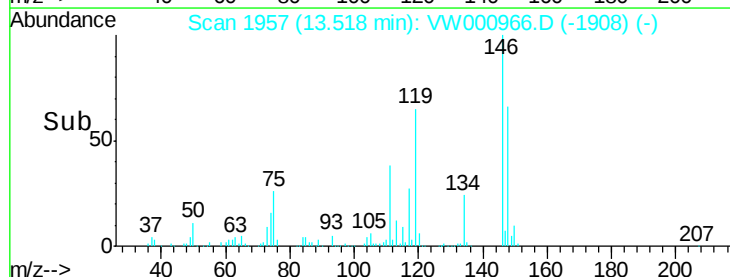
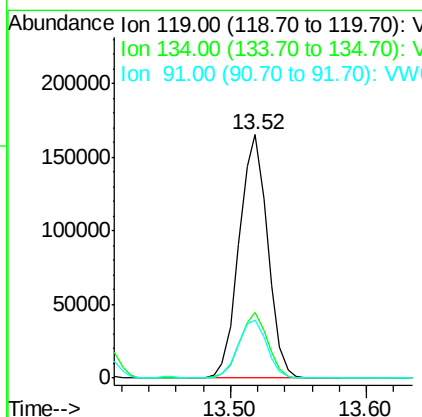
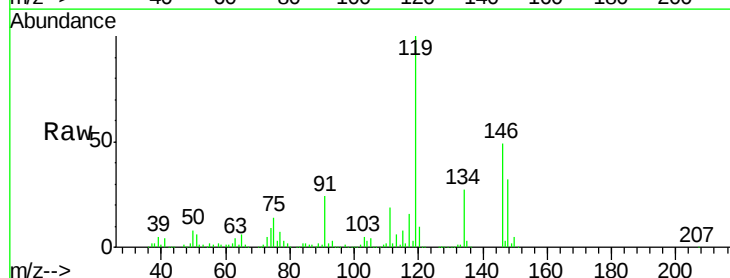
Manual Integrations
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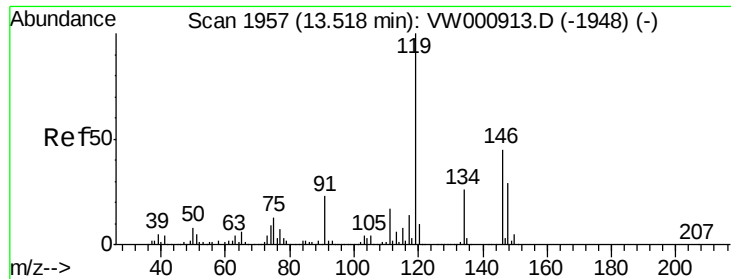
MMDadoda
 1/25/2018 1:34:02 PM



#86
 p-Isopropyltoluene
 Concen: 19.82 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.2	39.6
91	24.1	11.7	35.0





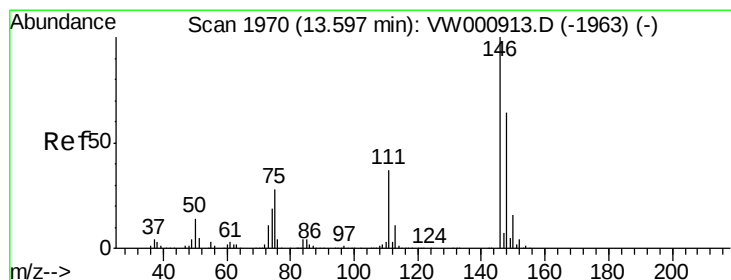
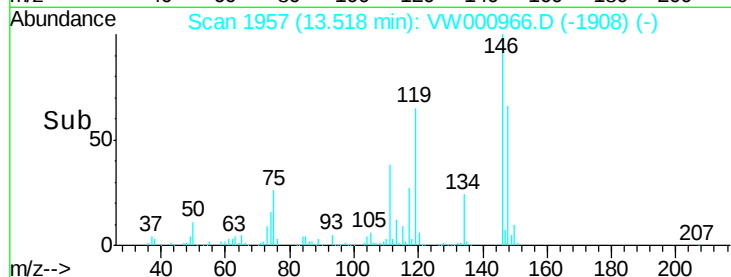
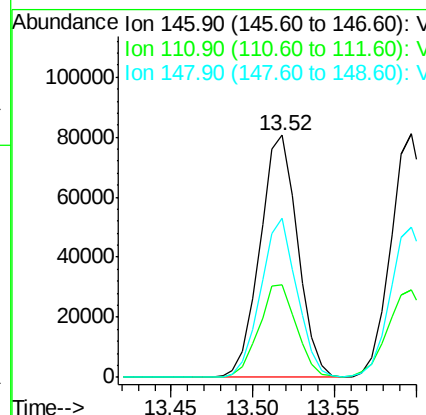
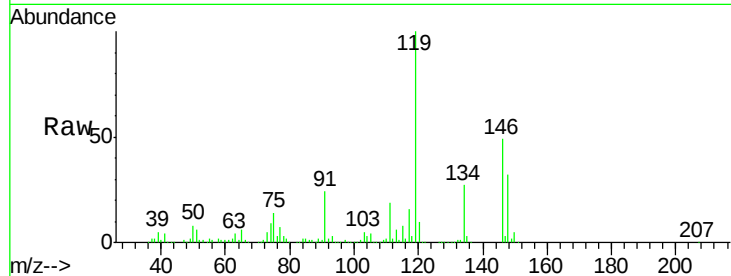
#87
 1,3-Dichlorobenzene
 Concen: 20.23 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.7	59.0
148	63.4	32.4	97.0

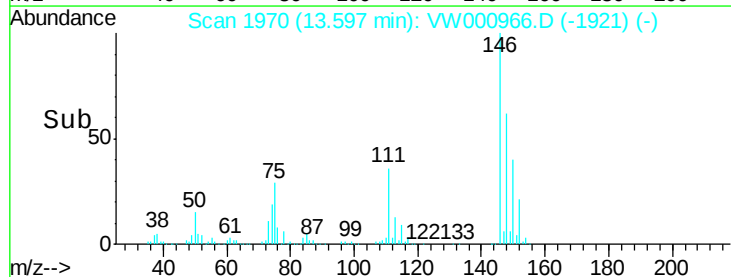
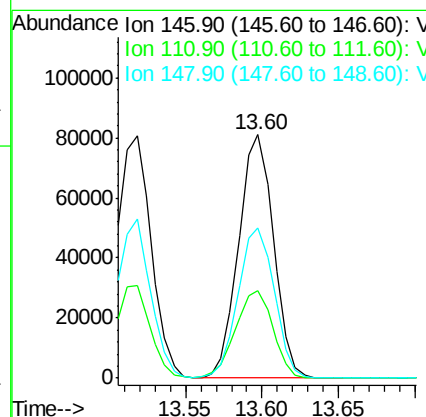
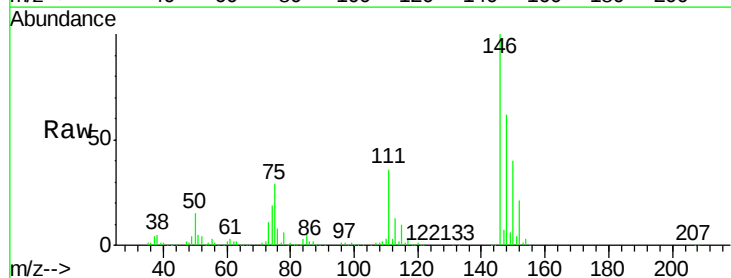
Manual Integrations
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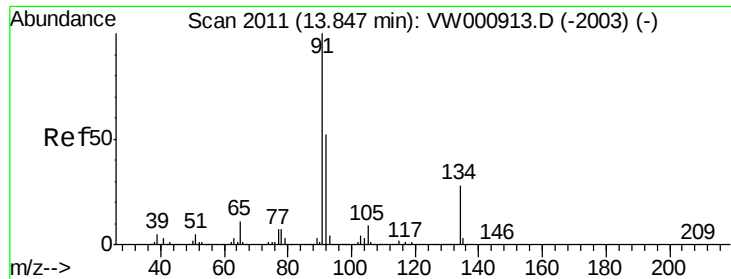
MMDadoda
 1/25/2018 1:34:02 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.05 ug/l
 RT: 13.60 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.2	32.4	97.2





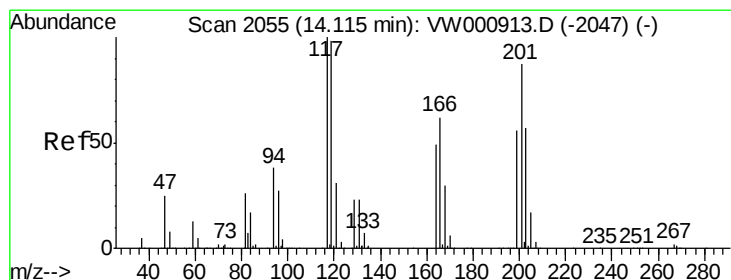
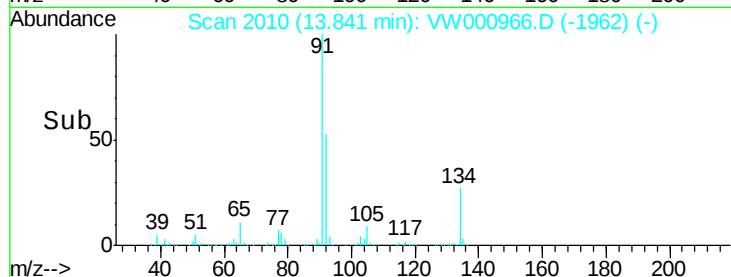
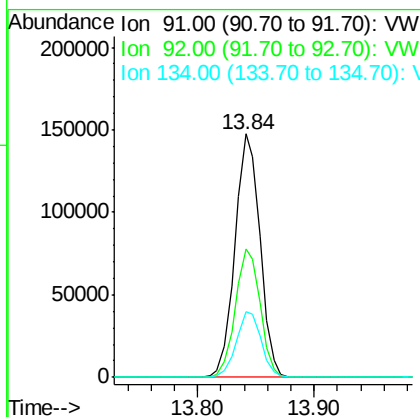
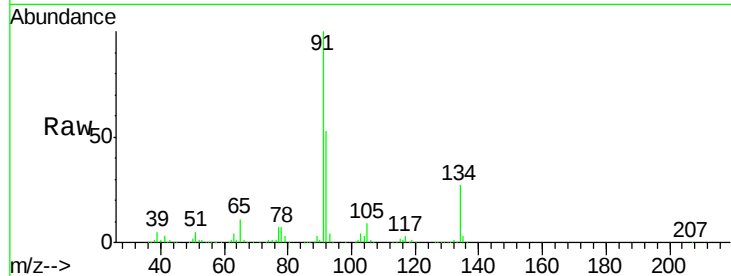
#89
n-Butylbenzene
Concen: 19.42 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. -0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.6
134	26.8	13.7	41.1

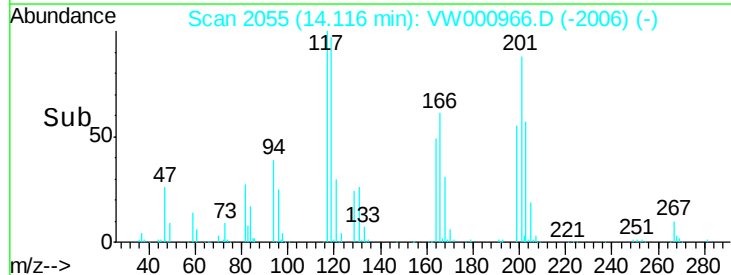
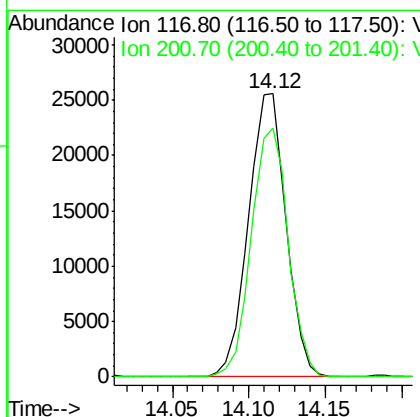
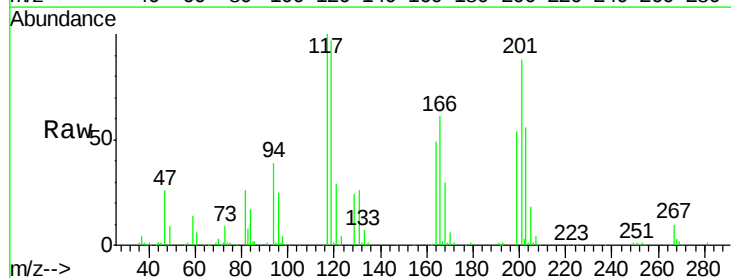
Manual Integrations
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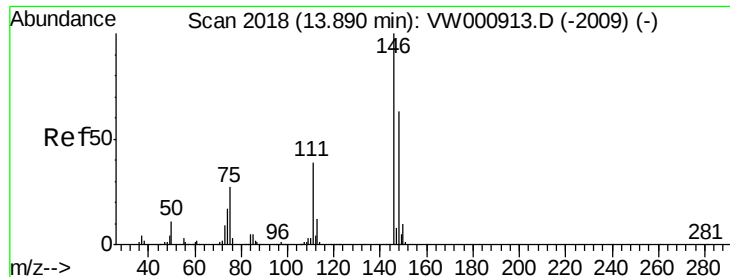
MMDadoda
1/25/2018 1:34:02 PM



#90
Hexachloroethane
Concen: 19.42 ug/l
RT: 14.12 min Scan# 2055
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	42.8	128.3





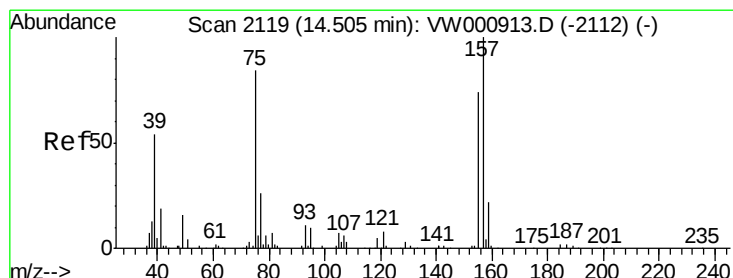
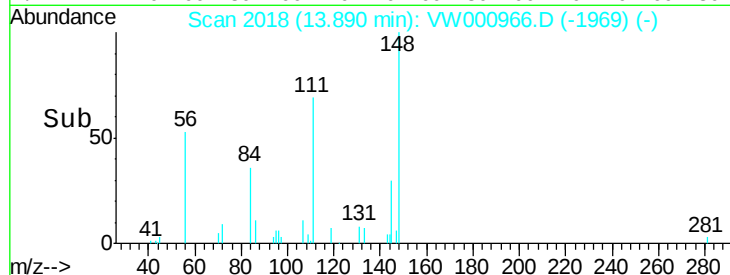
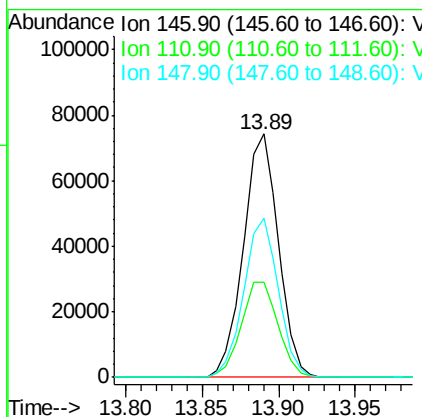
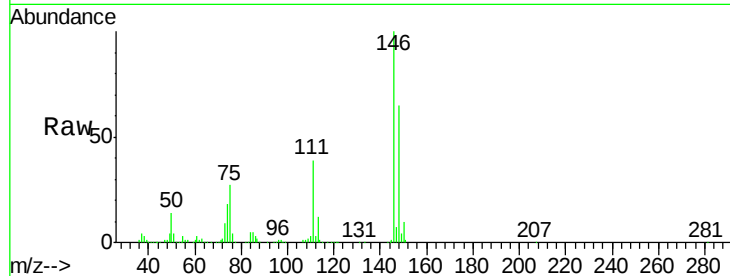
#91
 1,2-Dichlorobenzene
 Concen: 20.41 ug/l
 RT: 13.89 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.8	59.4
148	64.7	31.8	95.3

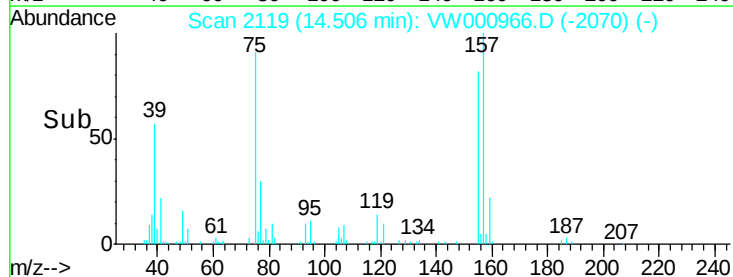
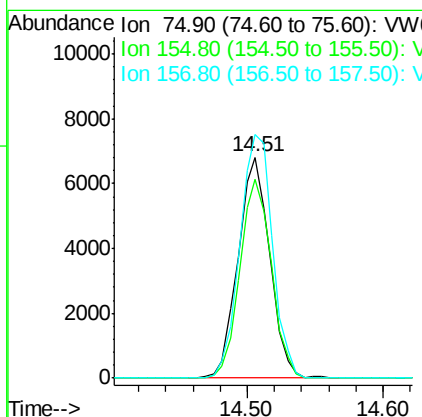
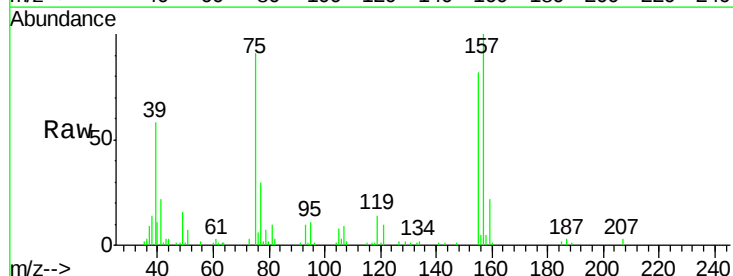
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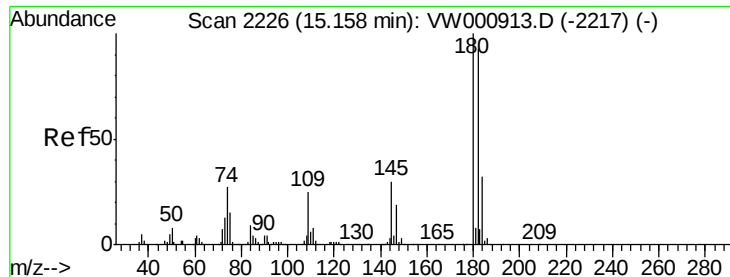
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.48 ug/l
 RT: 14.51 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	45.9	137.6
157	113.4	59.8	179.3





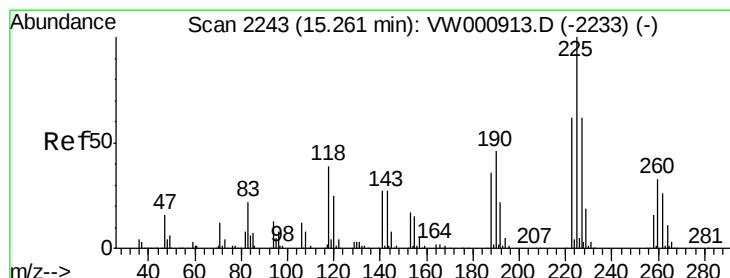
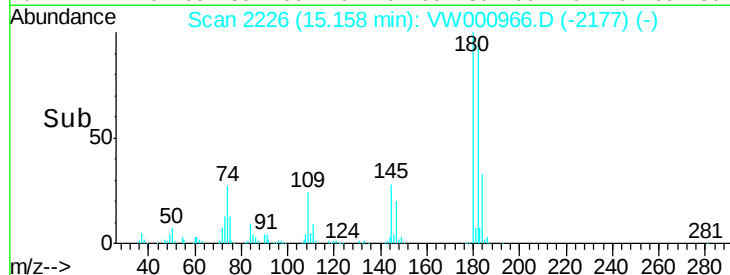
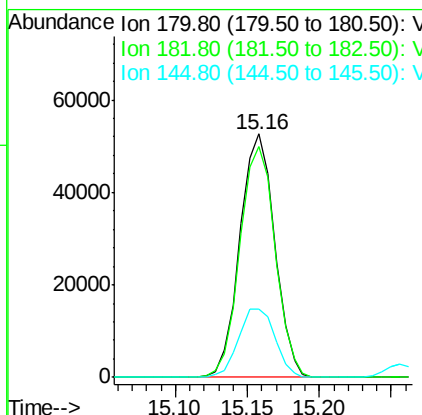
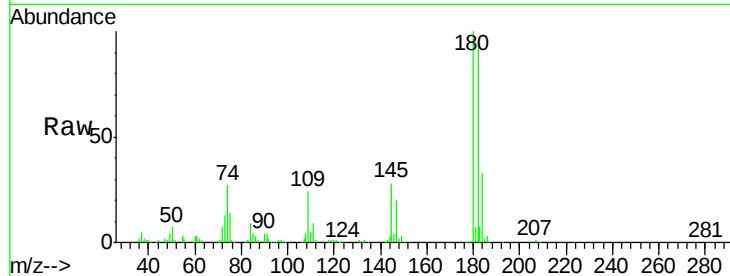
#93
 1,2,4-Trichlorobenzene
 Concen: 20.48 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.6
145	29.6	14.9	44.7

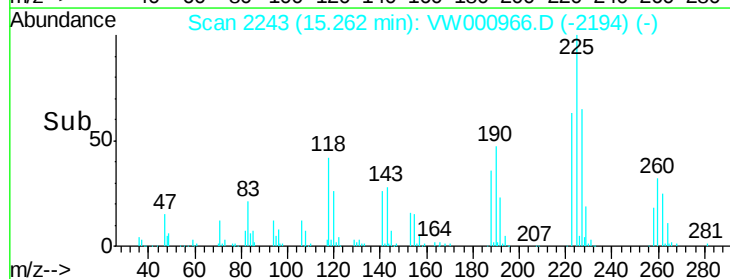
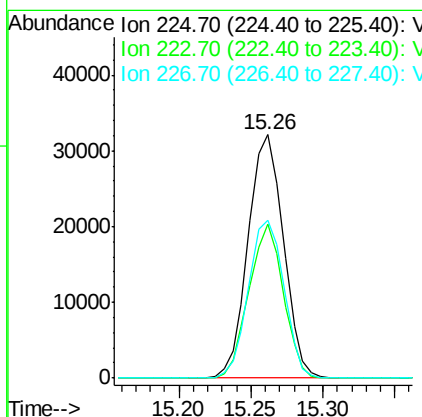
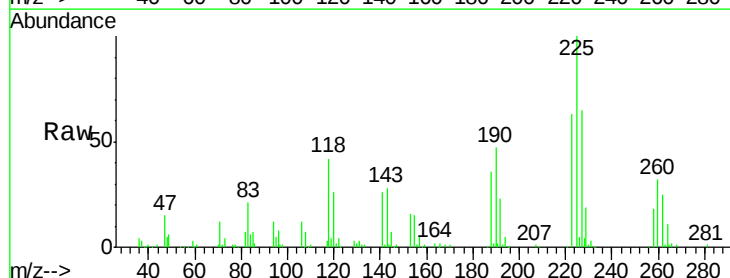
Manual Integrations
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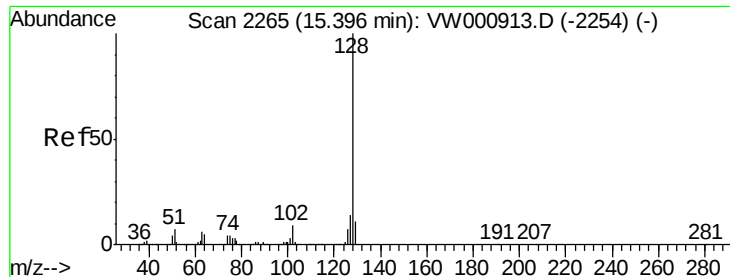
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#94
 Hexachlorobutadiene
 Concen: 19.94 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.3	93.8
227	65.4	31.8	95.3





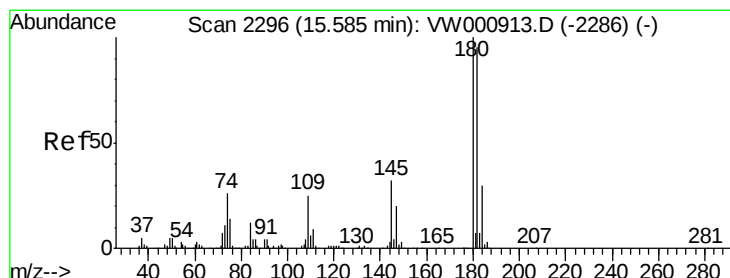
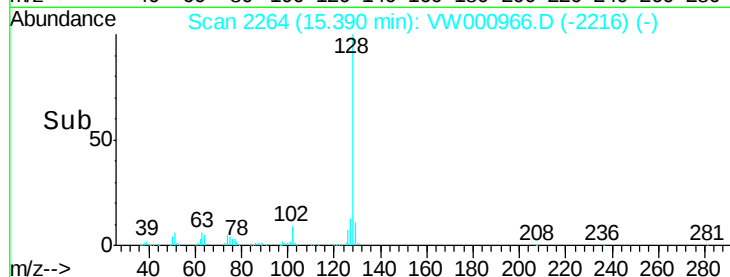
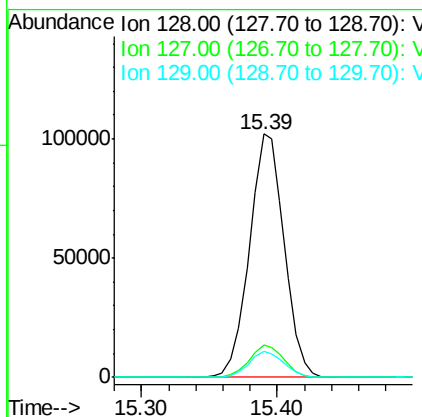
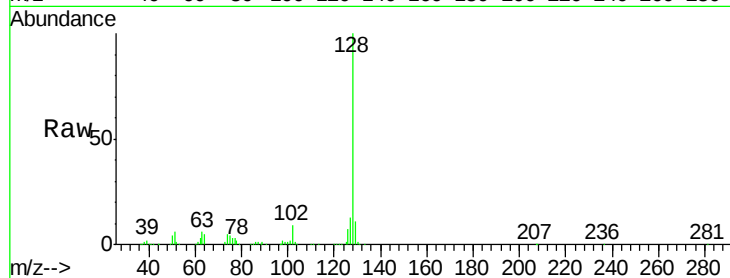
#95
Naphthalene
Concen: 20.05 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. -0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.6	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.87 ug/l
RT: 15.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.3
145	31.1	15.8	47.3

