

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008329.D
 Acq On : 17 Jan 2019 15:22
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW011719

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 2:09:55 PM

Quant Time: Jan 18 01:22:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	188797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	173629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	59419	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
35) Dibromofluoromethane	7.88	113	60796	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.32	98	241628	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	84886	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35305	46.748	ug/l	97
3) Chloromethane	2.21	50	54154	48.916	ug/l	96
4) Vinyl Chloride	2.37	62	69733	49.298	ug/l	91
5) Bromomethane	2.78	94	50727	47.321	ug/l	95
6) Chloroethane	2.93	64	46258	49.962	ug/l	97
7) Trichlorofluoromethane	3.26	101	53545	51.554	ug/l	94
8) Diethyl Ether	3.68	74	34678	48.149	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	63077	52.164	ug/l	98
10) Methyl Iodide	4.27	142	103929	53.292	ug/l	98
11) Tert butyl alcohol	5.17	59	20414	243.176	ug/l	99
12) 1,1-Dichloroethene	4.03	96	63298	51.469	ug/l	96
13) Acrolein	3.89	56	24145	276.877	ug/l	95
14) Allyl chloride	4.67	41	108354	52.701	ug/l	100
15) Acrylonitrile	5.37	53	67812	245.108	ug/l	99
16) Acetone	4.12	43	79245	273.681	ug/l	99
17) Carbon Disulfide	4.37	76	202015	53.982	ug/l	100
18) Methyl Acetate	4.67	43	34107	44.096	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	96954	51.499	ug/l	99
20) Methylene Chloride	4.92	84	67727	50.442	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	71245	51.579	ug/l	96
22) Diisopropyl ether	6.31	45	207015	51.573	ug/l	99
23) Vinyl Acetate	6.26	43	575775	268.345	ug/l	99
24) 1,1-Dichloroethane	6.21	63	124325	50.869	ug/l	99
25) 2-Butanone	7.17	43	94763	255.523	ug/l	99
26) 2,2-Dichloropropane	7.16	77	80035	51.315	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	76331	51.005	ug/l	98
28) Bromochloromethane	7.51	49	49388	49.048	ug/l #	100
29) Tetrahydrofuran	7.53	42	57900	250.433	ug/l	99
30) Chloroform	7.68	83	123124	50.917	ug/l	99
31) Cyclohexane	7.96	56	116215	49.907	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	103446	50.973	ug/l	99
36) 1,1-Dichloropropene	8.08	75	100149	52.725	ug/l	99
37) Ethyl Acetate	7.26	43	39067	49.875	ug/l	99
38) Carbon Tetrachloride	8.07	117	97465	51.964	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	124765	55.220	ug/l	97
40) Benzene	8.32	78	282817	52.563	ug/l	100
41) Methacrylonitrile	7.48	41	22172	48.625	ug/l	93
42) 1,2-Dichloroethane	8.40	62	73715	48.995	ug/l	97
43) Isopropyl Acetate	8.43	43	76062	51.408	ug/l	99
44) Trichloroethene	9.09	130	76672	52.012	ug/l	95
45) 1,2-Dichloropropane	9.37	63	68571	51.306	ug/l	98
46) Dibromomethane	9.46	93	36350	52.183	ug/l	96
47) Bromodichloromethane	9.65	83	89299	51.971	ug/l	98
48) Methyl methacrylate	9.44	41	36609	52.560	ug/l	99
49) 1,4-Dioxane	9.44	88	10907	972.656	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	194733	259.922	ug/l	99
52) Toluene	10.39	92	180429	52.989	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	91409	53.302	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	107508	53.180	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	49571	51.307	ug/l	97
56) Ethyl methacrylate	10.65	69	60028	52.903	ug/l	99
57) 1,3-Dichloropropane	10.93	76	87205	51.983	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	145013	264.953	ug/l	99
59) 2-Hexanone	10.97	43	141422	269.409	ug/l	99
60) Dibromochloromethane	11.13	129	60754	52.688	ug/l	99
61) 1,2-Dibromoethane	11.24	107	48436	51.771	ug/l	99
64) Tetrachloroethene	10.87	164	64761	53.194	ug/l	99
65) Chlorobenzene	11.66	112	197163	52.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	68277	52.381	ug/l	98
67) Ethyl Benzene	11.73	91	345708	52.572	ug/l	99
68) m/p-Xylenes	11.84	106	273035	106.972	ug/l	100
69) o-Xylene	12.17	106	128706	53.974	ug/l	99
70) Styrene	12.18	104	207428	54.154	ug/l	99
71) Bromoform	12.35	173	34206	52.679	ug/l #	97
73) Isopropylbenzene	12.47	105	347849	54.744	ug/l	99
74) N-amyl acetate	12.27	43	71499	52.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	54657	50.572	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	40181m	50.597	ug/l	
77) Bromobenzene	12.75	156	80946	53.036	ug/l	99
78) n-propylbenzene	12.81	91	413704	53.792	ug/l	100
79) 2-Chlorotoluene	12.90	91	232269	52.858	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	285114	53.772	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	17683	53.138	ug/l	97
82) 4-Chlorotoluene	12.99	91	241602	52.615	ug/l	99
83) tert-Butylbenzene	13.21	119	254486	54.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	290405	53.764	ug/l	98
85) sec-Butylbenzene	13.39	105	353165	52.707	ug/l	98
86) p-Isopropyltoluene	13.51	119	315069	53.837	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	158112	52.140	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	159419	52.473	ug/l	100
89) n-Butylbenzene	13.83	91	303865	54.130	ug/l	100
90) Hexachloroethane	14.10	117	57212	52.826	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	140727	52.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8767	49.608	ug/l	94

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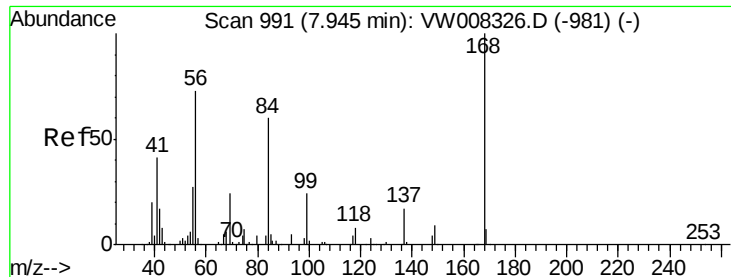
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	99628	54.970	ug/l	99
94) Hexachlorobutadiene	15.24	225	55879	54.706	ug/l	97
95) Naphthalene	15.38	128	169469	50.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	85244	53.998	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion:168 Resp: 119858

Ion Ratio Lower Upper

168 100

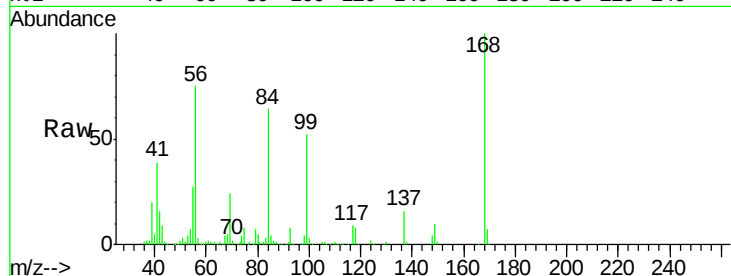
99 51.8 44.6 66.8

Manual Integrations

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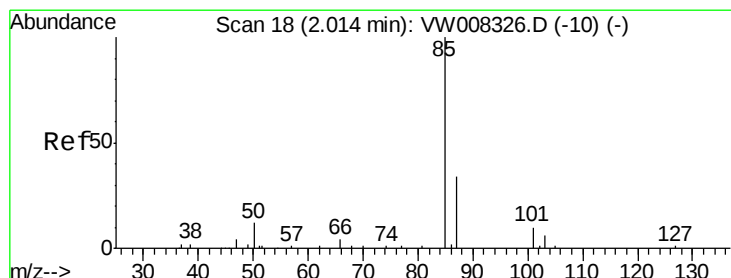
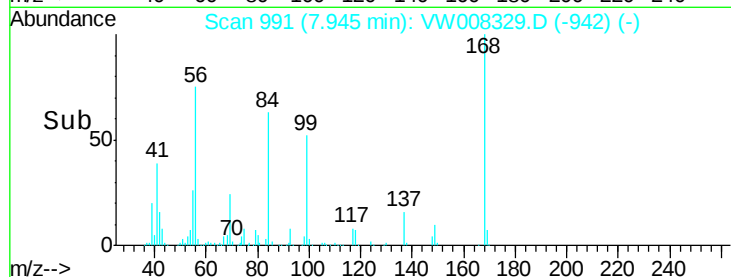
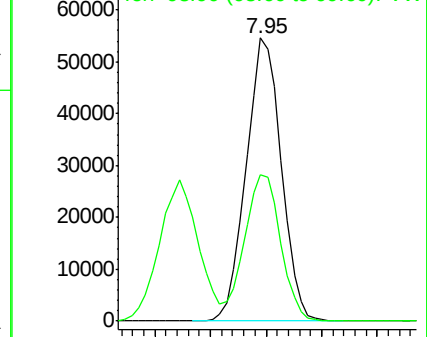
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 46.748 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008329.D

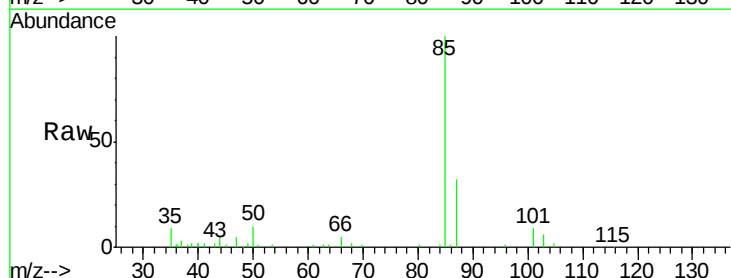
Acq: 17 Jan 2019 15:22

Tgt Ion: 85 Resp: 35305

Ion Ratio Lower Upper

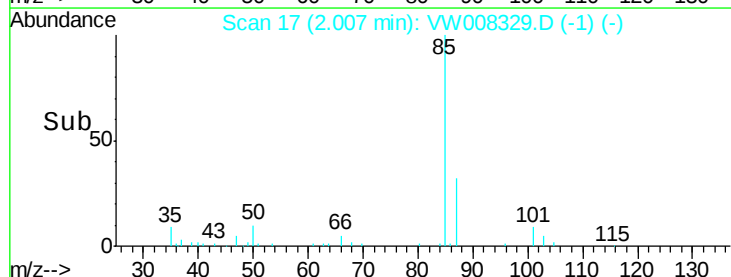
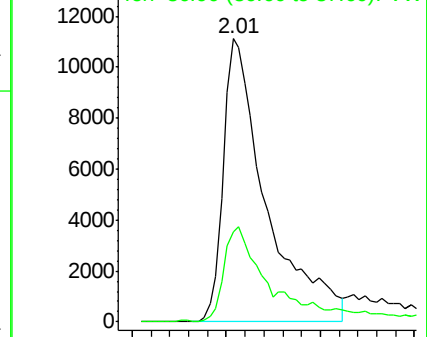
85 100

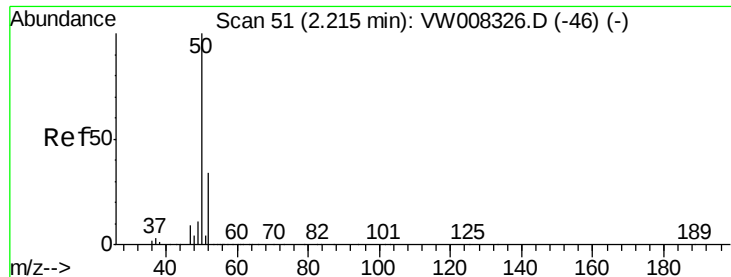
87 31.9 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.916 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion: 50 Resp: 54154

Ion Ratio Lower Upper

50 100

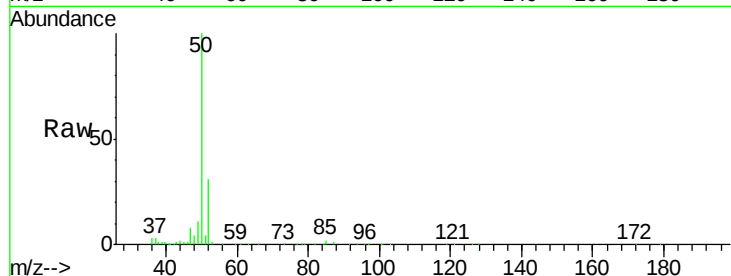
52 31.1 26.7 40.1

Manual Integrations

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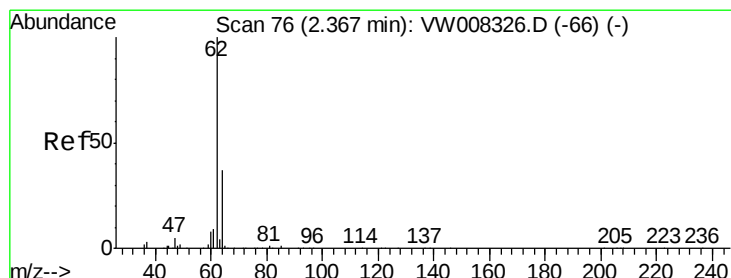
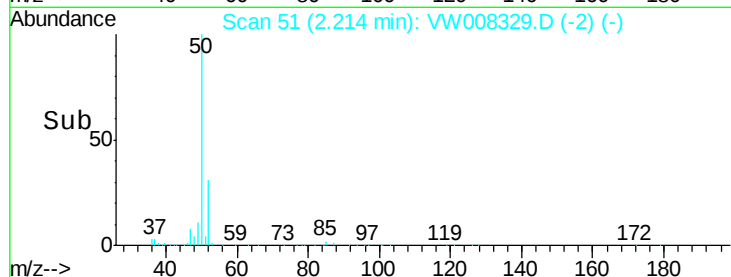
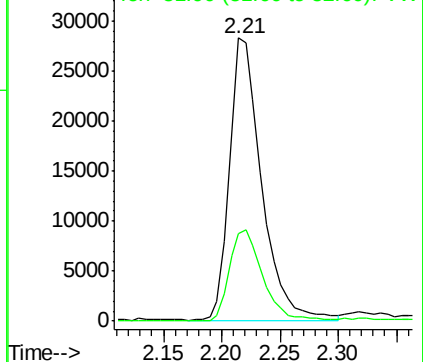
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.298 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008329.D

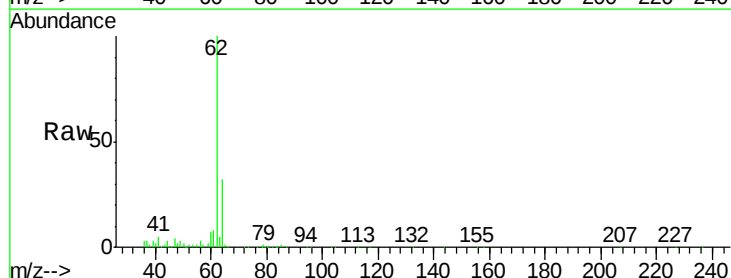
Acq: 17 Jan 2019 15:22

Tgt Ion: 62 Resp: 69733

Ion Ratio Lower Upper

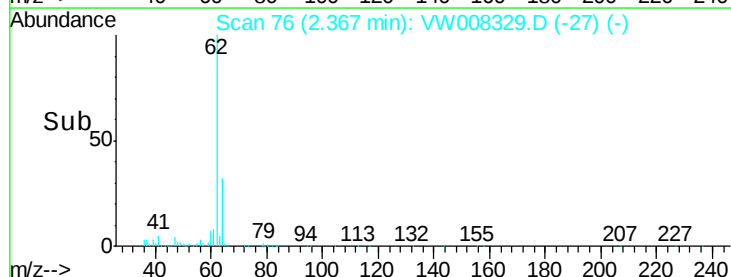
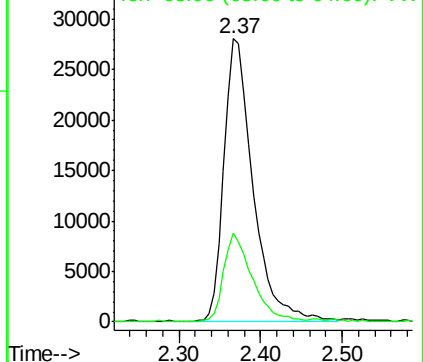
62 100

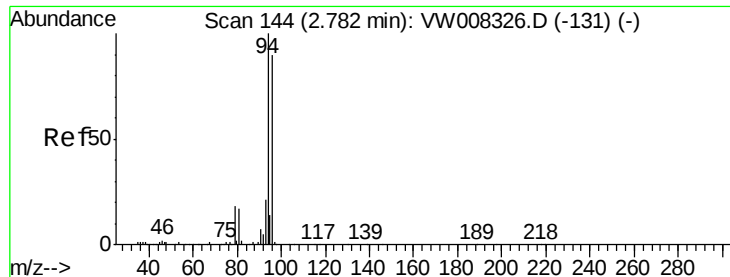
64 31.6 29.4 44.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 47.321 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion: 94 Resp: 50727

Ion Ratio Lower Upper

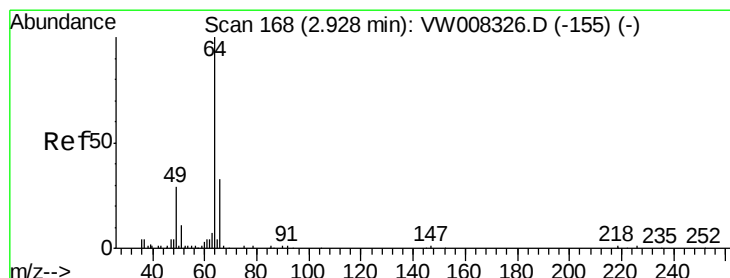
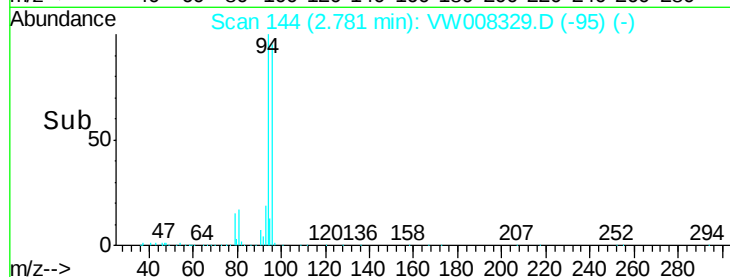
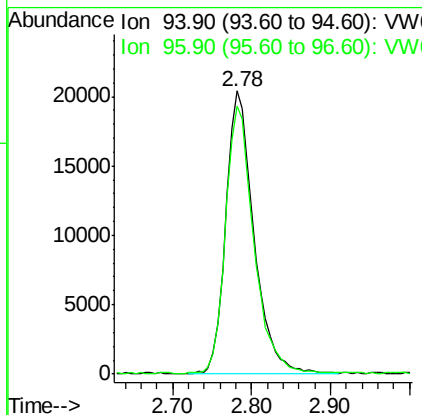
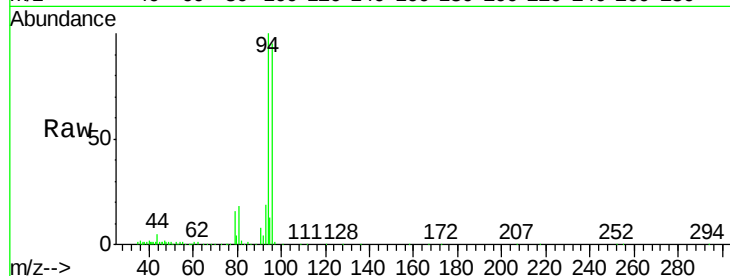
94 100

96 94.2 71.4 107.0

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#6

Chloroethane

Concen: 49.962 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW008329.D

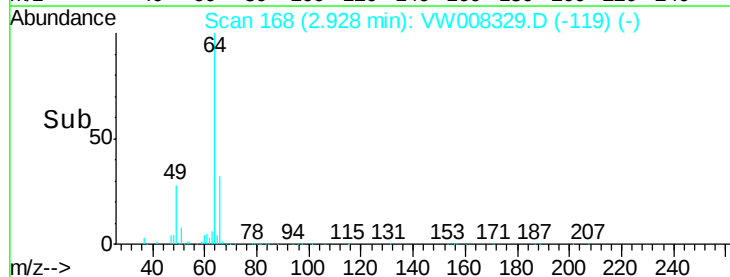
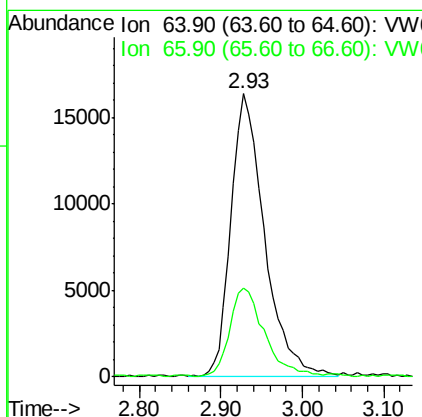
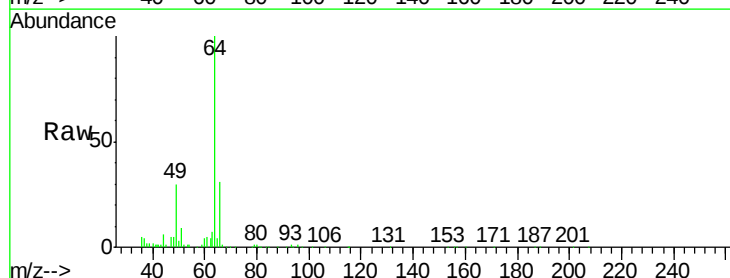
Acq: 17 Jan 2019 15:22

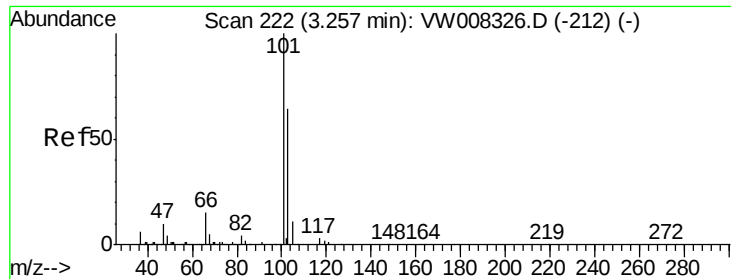
Tgt Ion: 64 Resp: 46258

Ion Ratio Lower Upper

64 100

66 31.1 26.2 39.4





#7

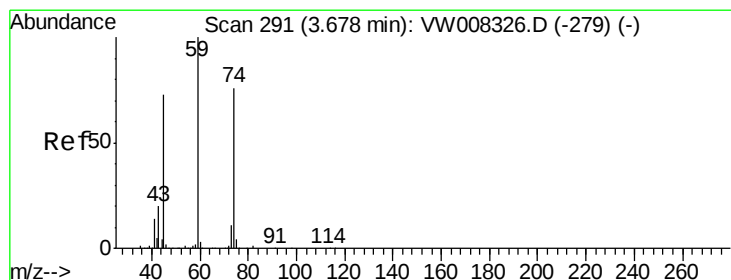
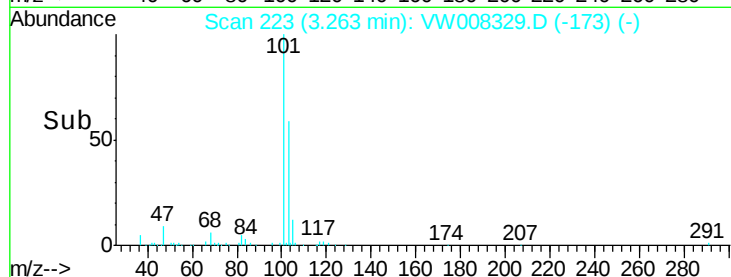
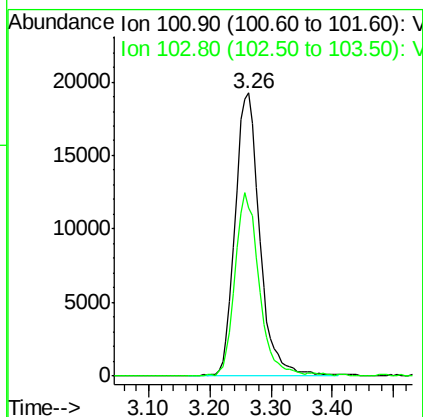
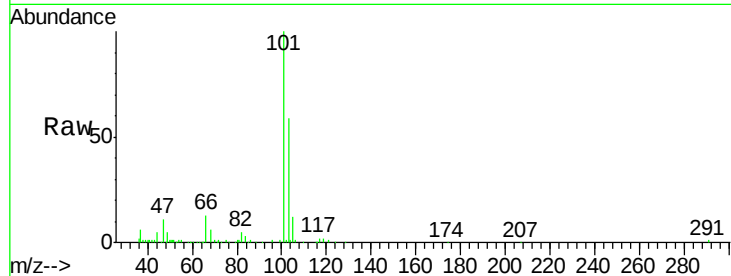
Trichlorofluoromethane
Concen: 51.554 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	59.2	50.9	76.3

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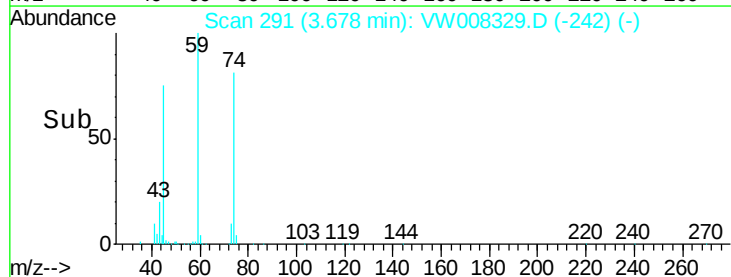
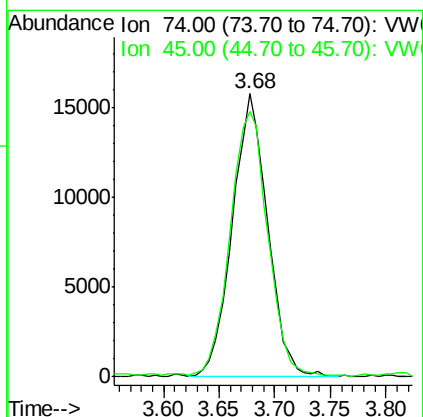
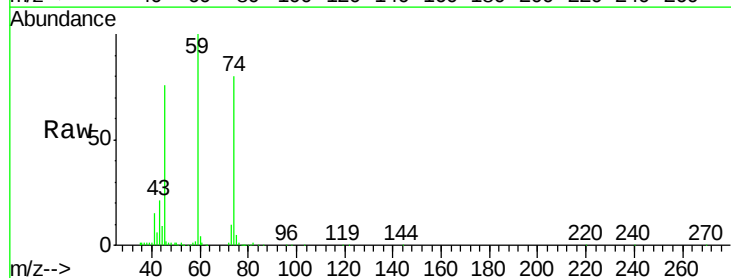
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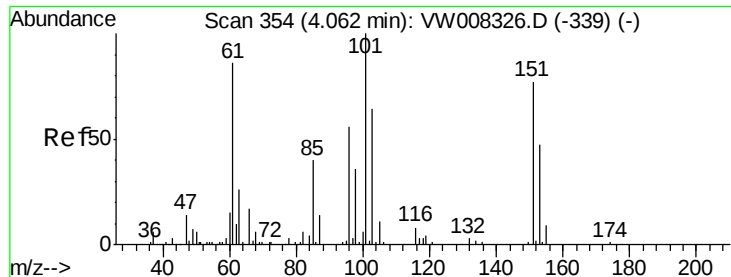


#8

Diethyl Ether
Concen: 48.149 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	50.1	150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.164 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008329.D

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Instrument :

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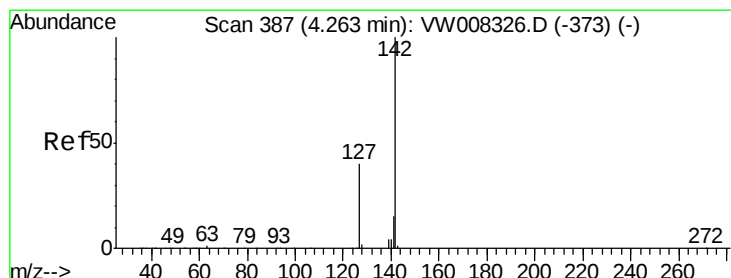
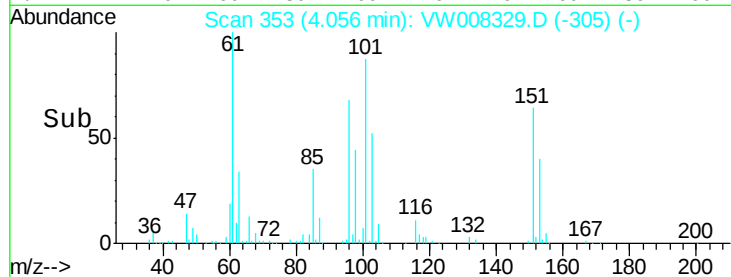
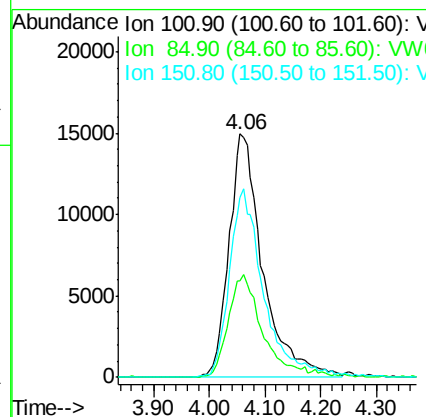
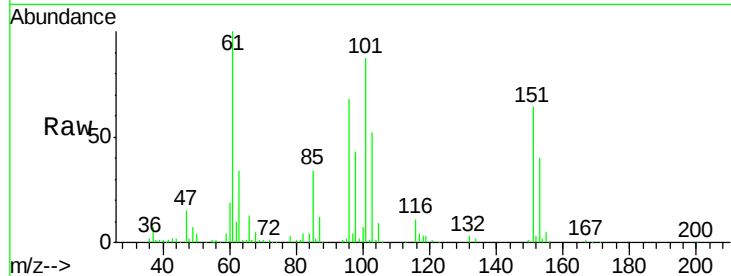
ClientSampleId :

ICVW011719

Tot Ion:	101	Resp:	63077
Ion Ratio	Lower	Upper	
101	100		
85	42.2	36.0	54.0
151	77.9	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 53.292 ug/l

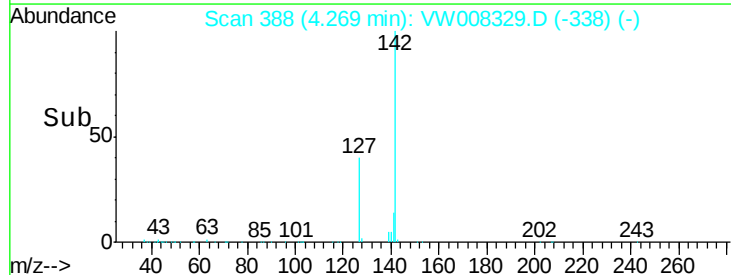
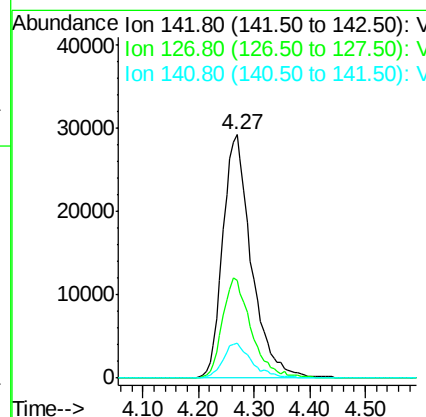
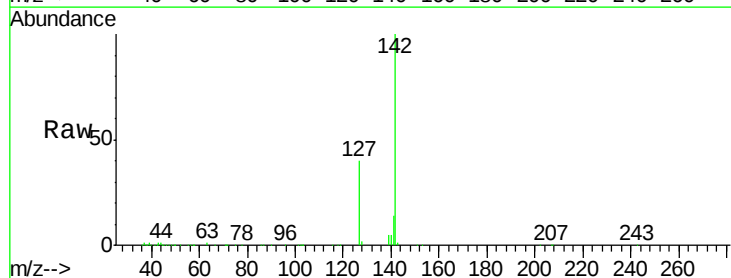
RT: 4.27 min Scan# 388

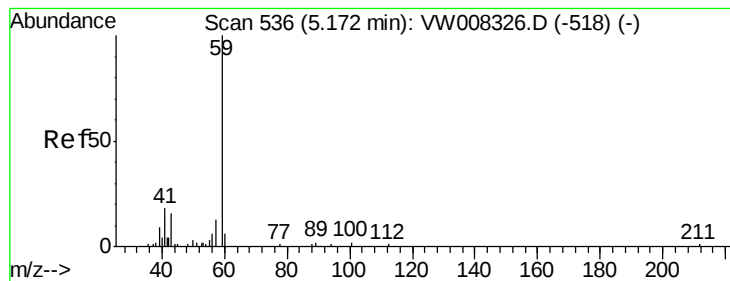
Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Tgt Ion:	142	Resp:	103929
Ion Ratio	Lower	Upper	
142	100		
127	41.4	34.3	51.5
141	14.4	12.2	18.2





#11

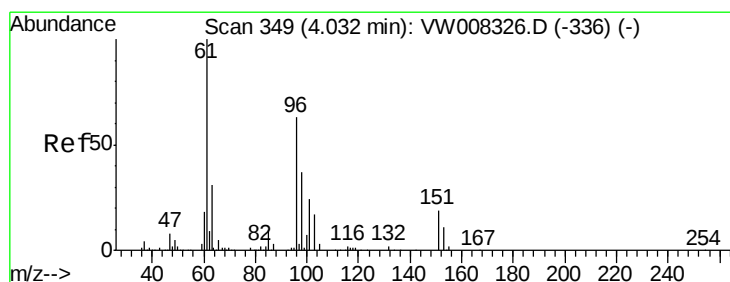
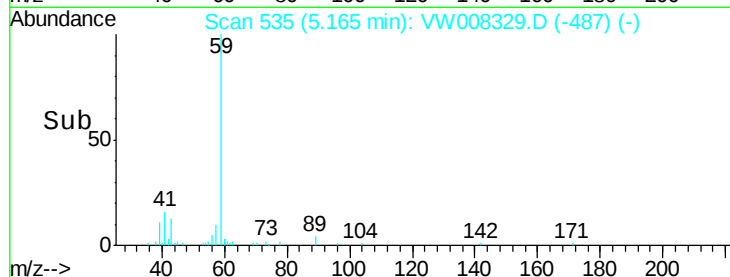
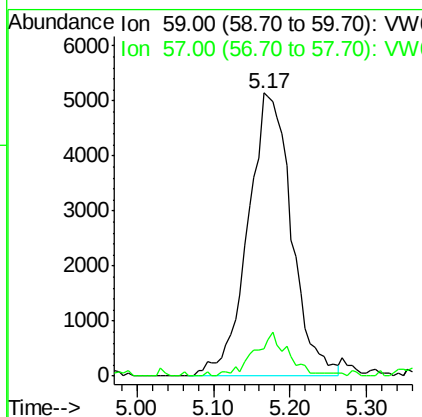
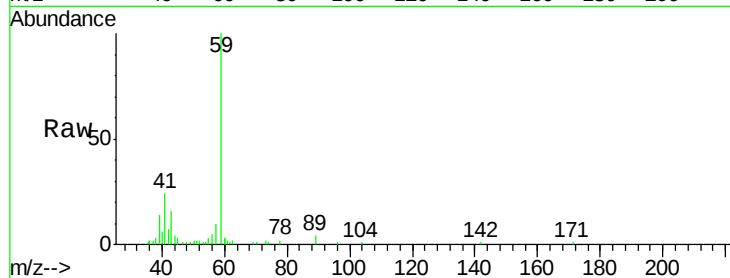
Tert butyl alcohol
Concen: 243.176 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	59	Resp	20414
Ion Ratio	100	Lower	Upper
57	12.2	9.4	14.2

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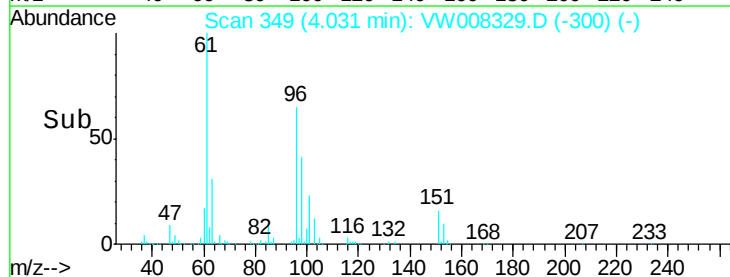
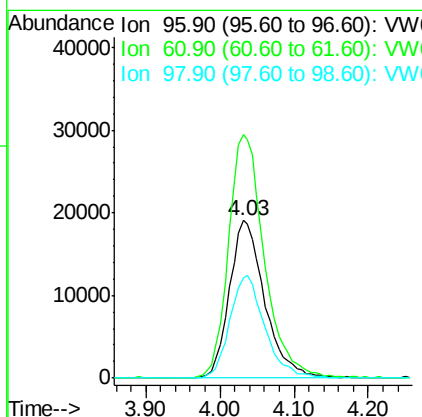
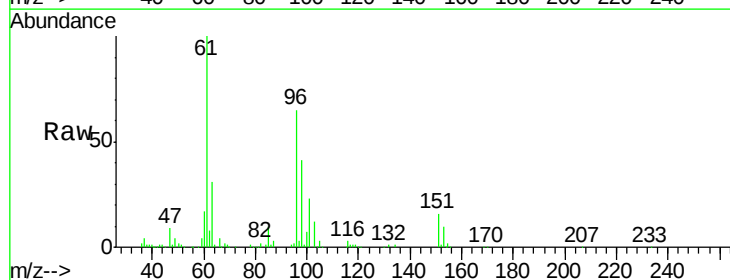
MMDadoda
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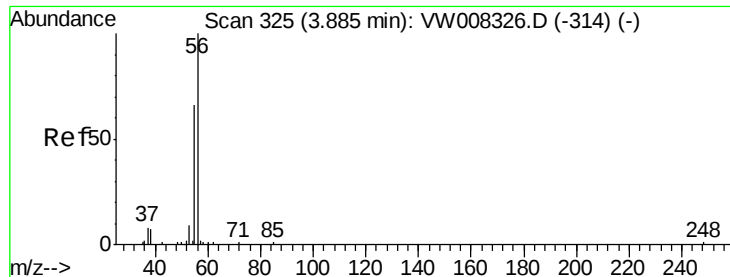


#12

1,1-Dichloroethene
Concen: 51.469 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	96	Resp	63298
Ion Ratio	100	Lower	Upper
61	154.4	126.4	189.6
98	63.7	46.7	70.1





#13

Acrolein

Concen: 276.877 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion: 56 Resp: 24145

Ion Ratio Lower Upper

56 100

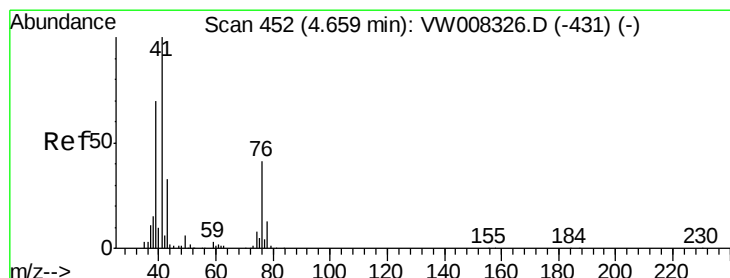
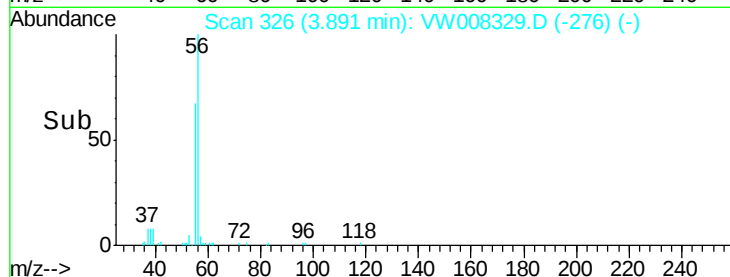
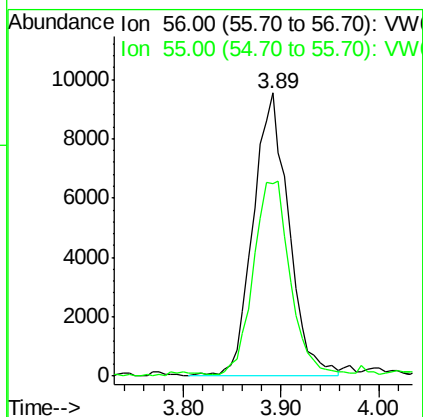
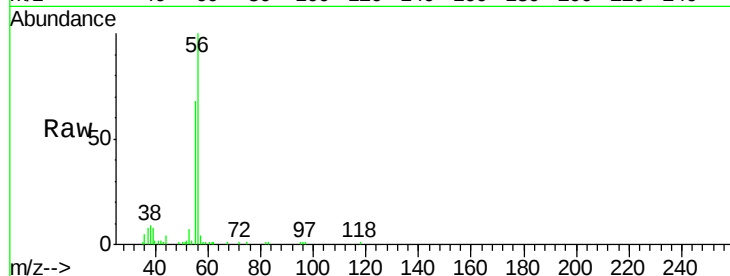
55 70.4 52.9 79.3

Manual Integrations

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#14

Allyl chloride

Concen: 52.701 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

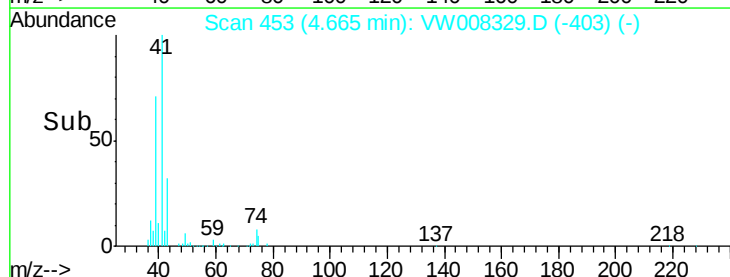
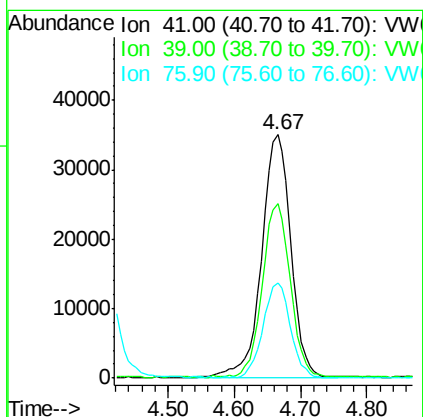
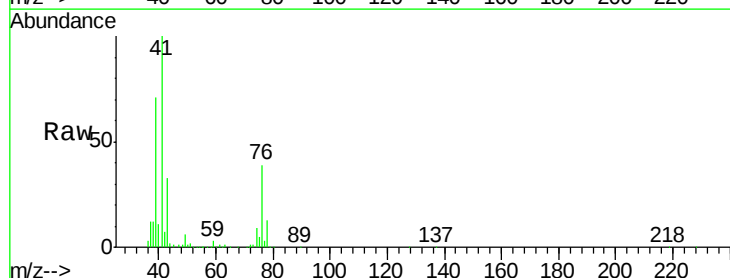
Tgt Ion: 41 Resp: 108354

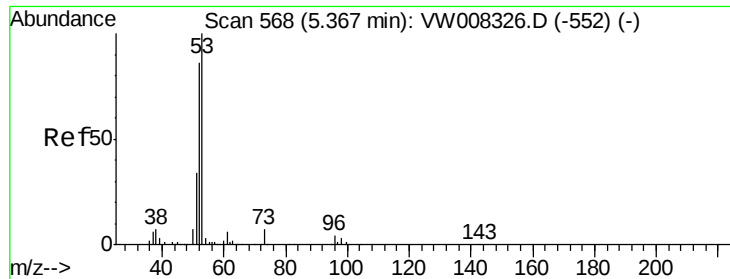
Ion Ratio Lower Upper

41 100

39 67.8 54.1 81.1

76 36.8 29.5 44.3





#15

Acrylonitrile

Concen: 245.108 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

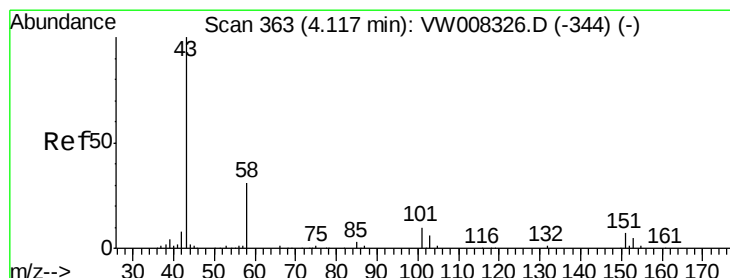
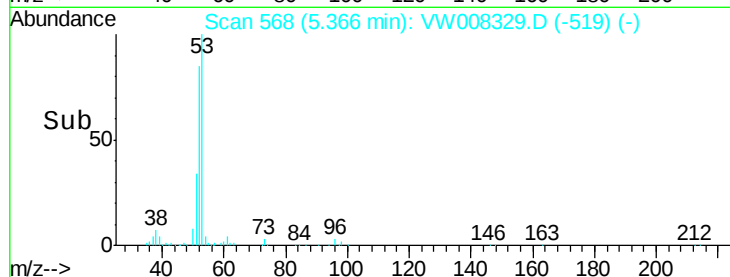
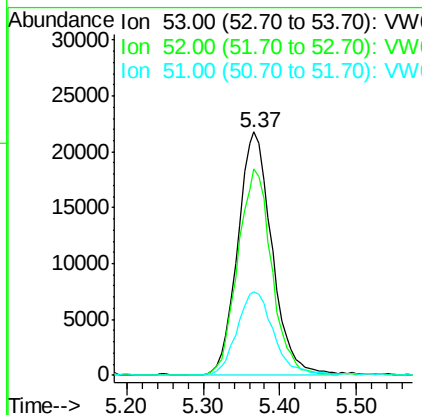
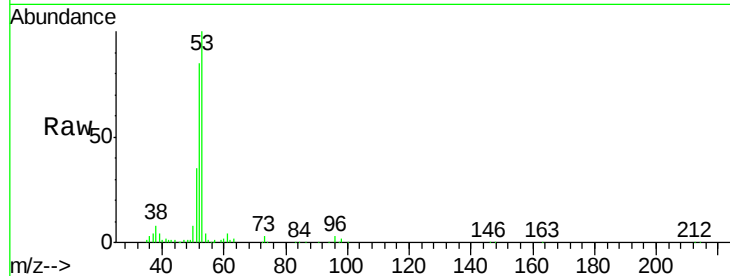
ClientSampleId :

ICVW011719

Tot Ion:	53	Resp:	67812
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.4	99.6
51	36.8	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 273.681 ug/l

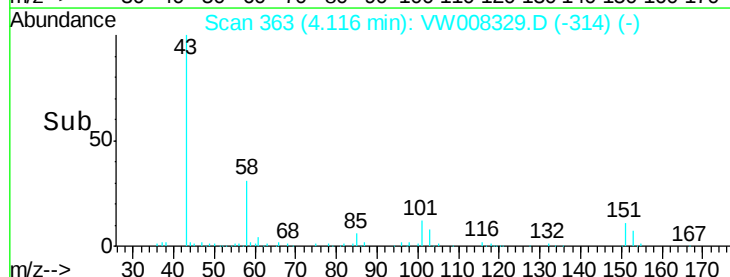
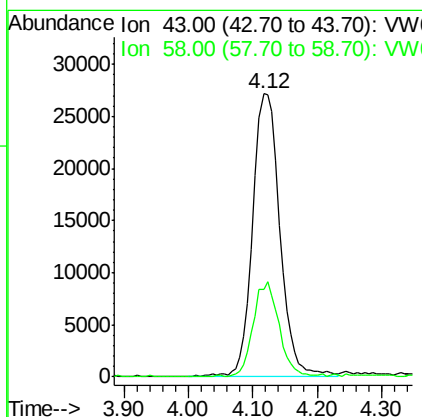
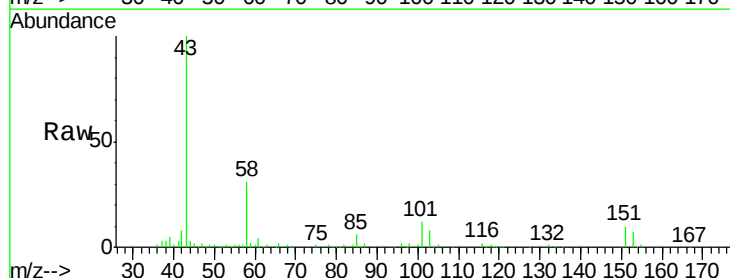
RT: 4.12 min Scan# 363

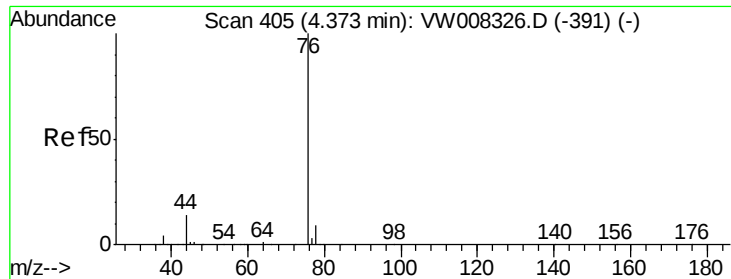
Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Tgt Ion:	43	Resp:	79245
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.7	37.1





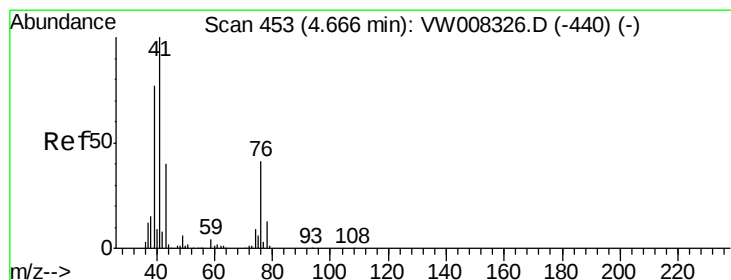
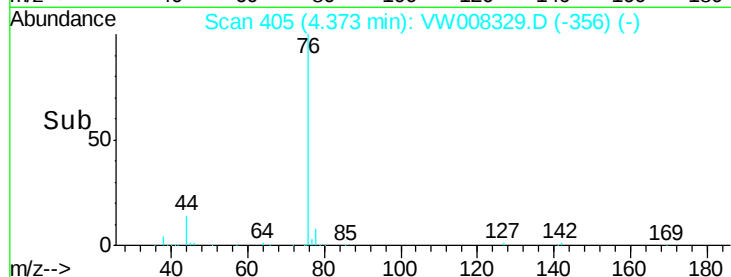
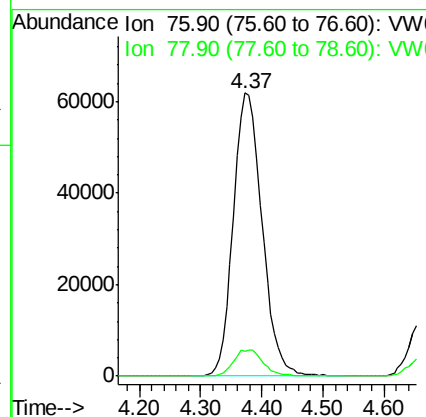
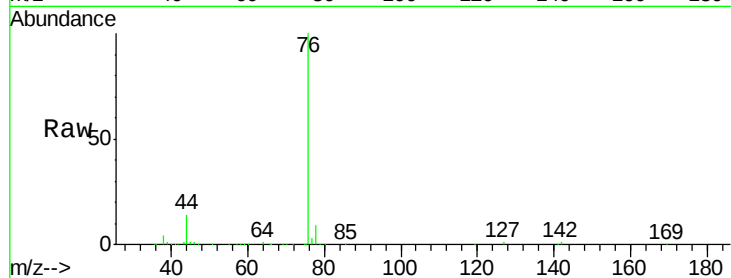
#17
Carbon Disulfide
Concen: 53.982 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ratio	Resp	Lower	Upper
76	100	202015		
78	8.9		7.0	10.4

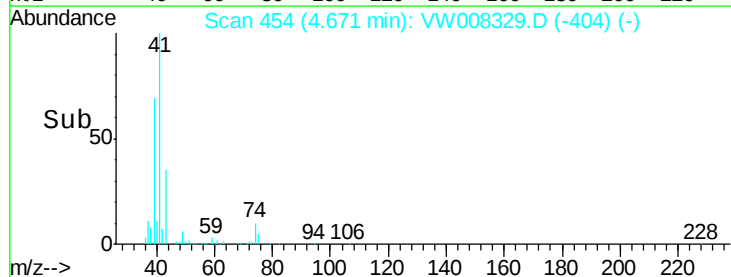
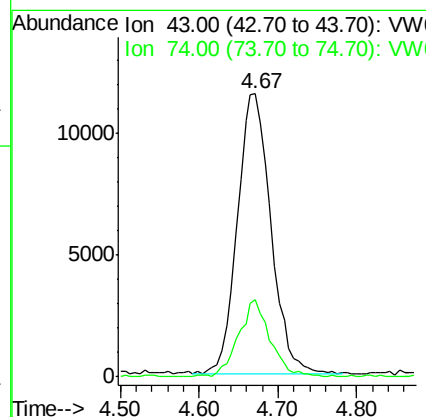
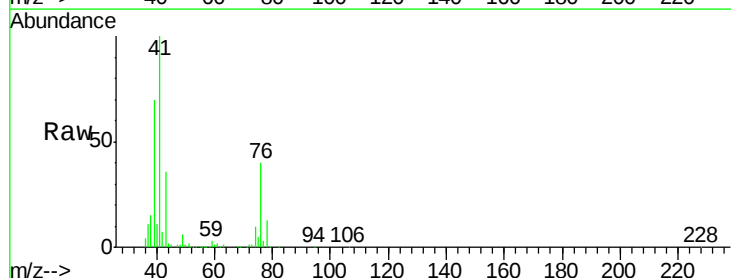
Manual Integrations
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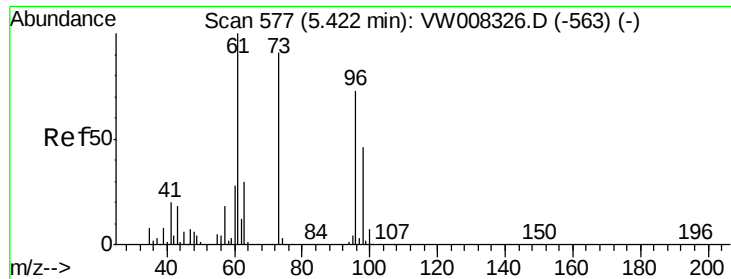
MMDadoda
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#18
Methyl Acetate
Concen: 44.096 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	34107		
74	25.8		19.4	29.0





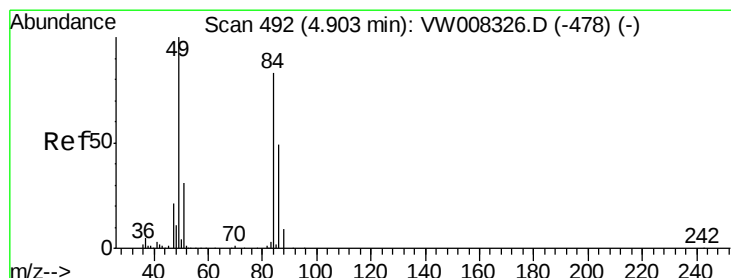
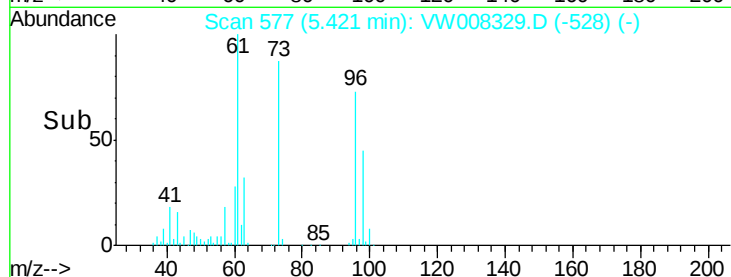
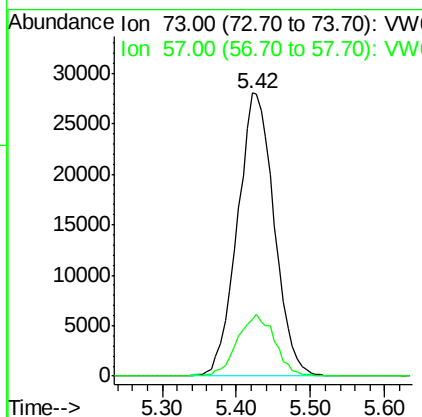
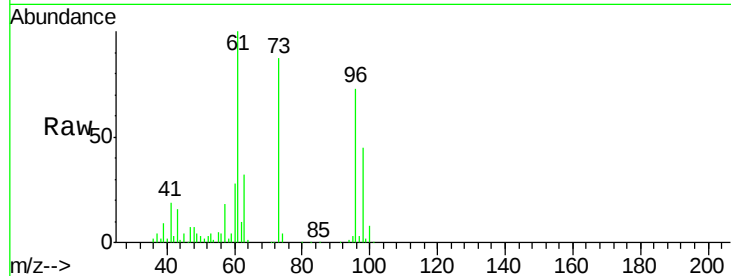
#19
Methvl tert-butvl Ether
Concen: 51.499 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion: 73 Resp: 96954
Ion Ratio Lower Upper
73 100
57 20.0 16.3 24.5

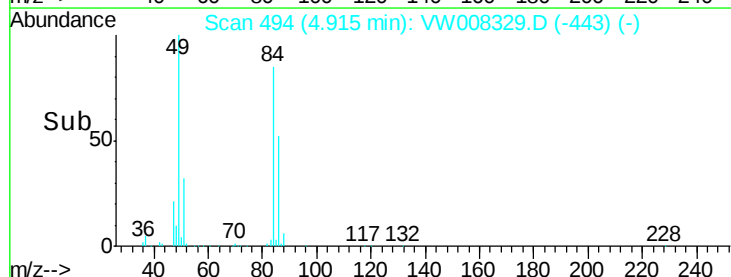
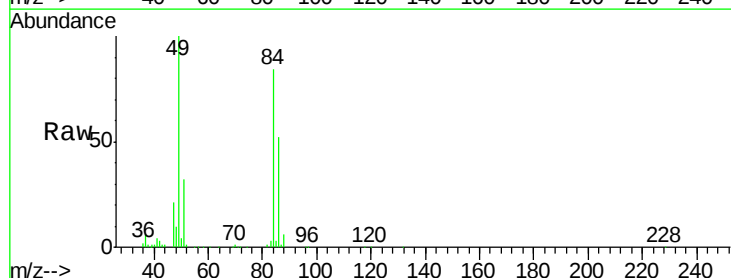
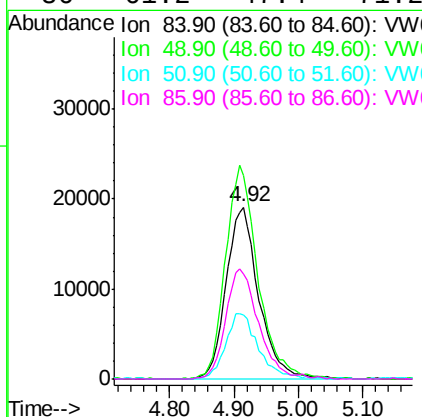
Manual Integrations
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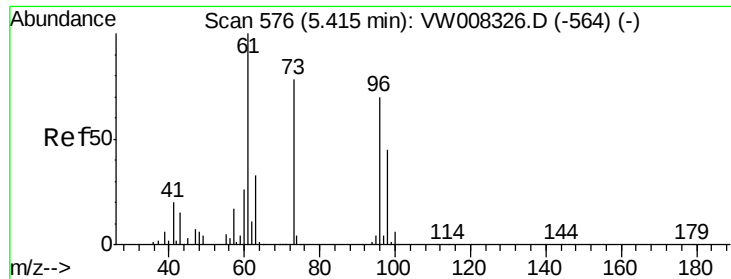
MMDadoda
1/18/2019 2:09:55 PM



#20
Methylene Chloride
Concen: 50.442 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion: 84 Resp: 67727
Ion Ratio Lower Upper
84 100
49 118.2 95.9 143.9
51 37.1 29.3 43.9
86 61.2 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 51.579 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

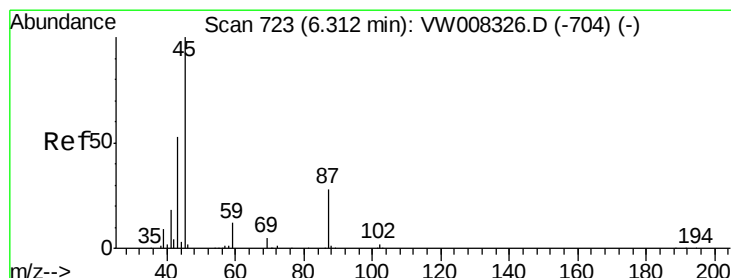
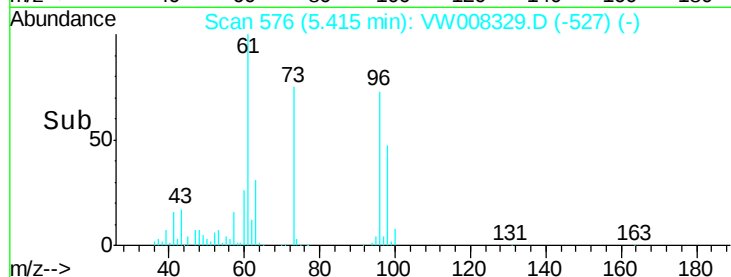
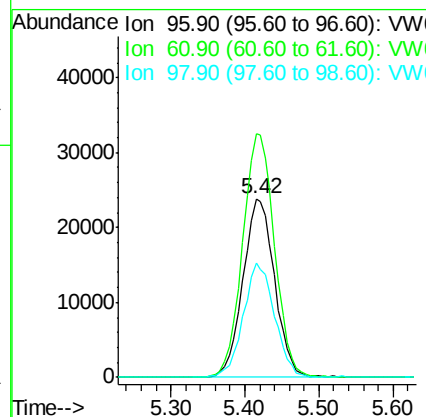
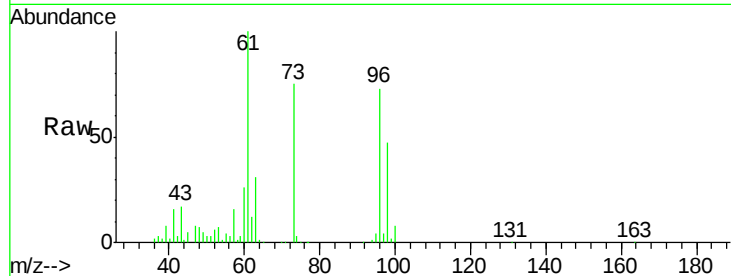
ClientSampleId :

ICVW011719

Tot Ion:	96	Resp:	71245
Ion	Ratio	Lower	Upper
96	100		
61	136.2	114.5	171.7
98	63.7	52.0	78.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.573 ug/l

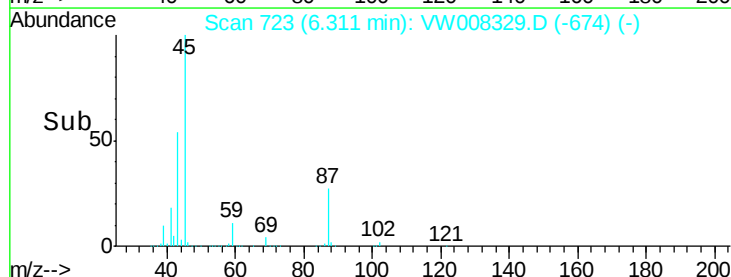
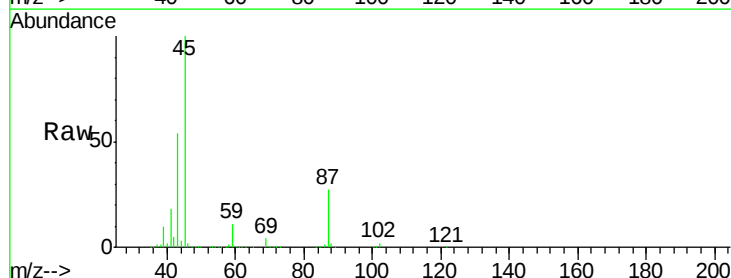
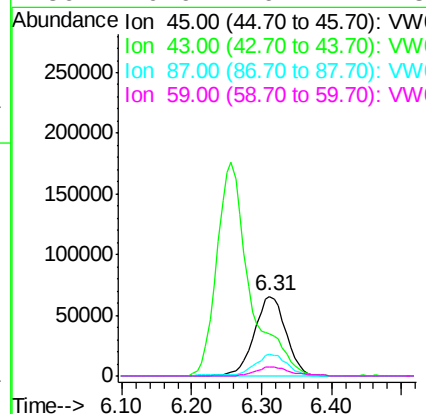
RT: 6.31 min Scan# 723

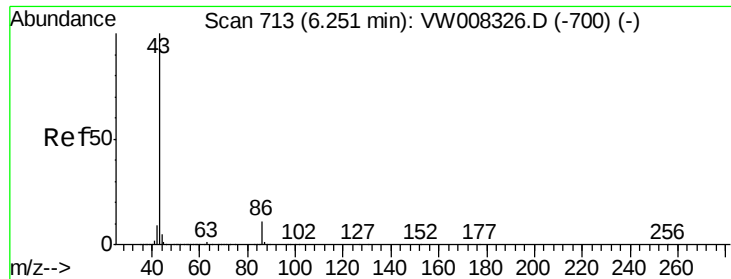
Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Tgt Ion:	45	Resp:	207015
Ion	Ratio	Lower	Upper
45	100		
43	53.1	42.5	63.7
87	26.7	22.2	33.2
59	10.9	9.7	14.5





#23

Vinyl Acetate

Concen: 268.345 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion: 43 Resp: 575775

Ion Ratio Lower Upper

43 100

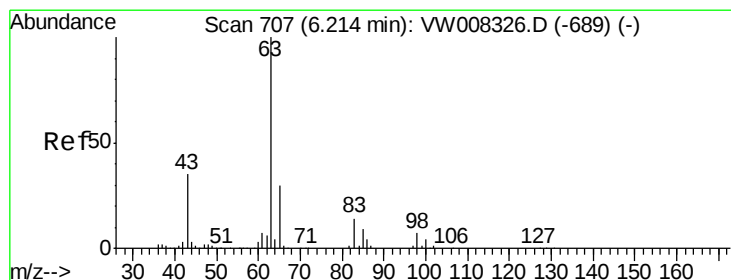
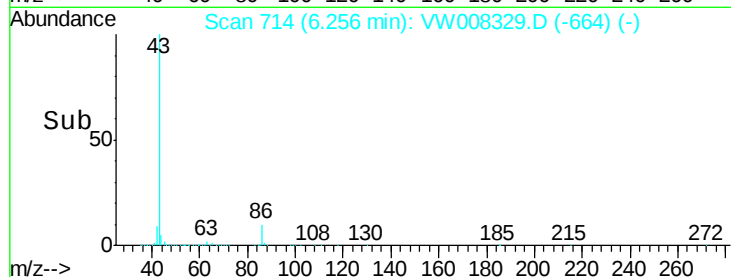
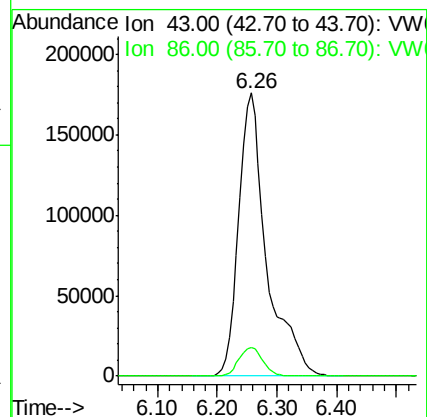
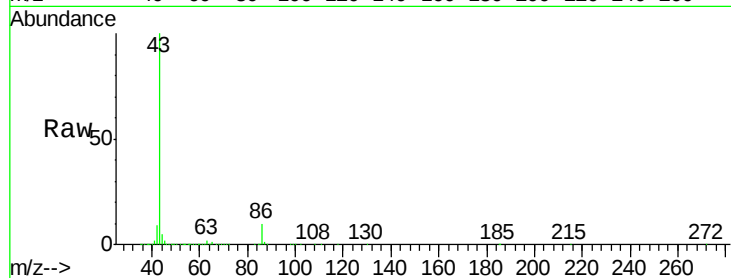
86 10.2 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.869 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

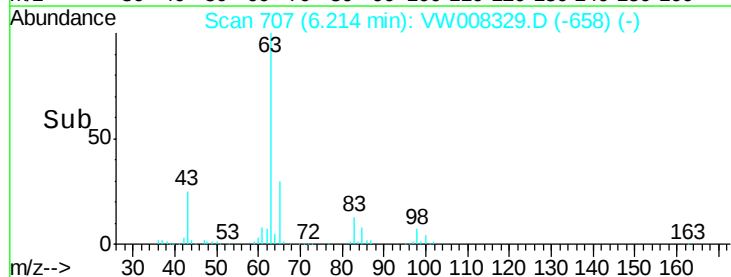
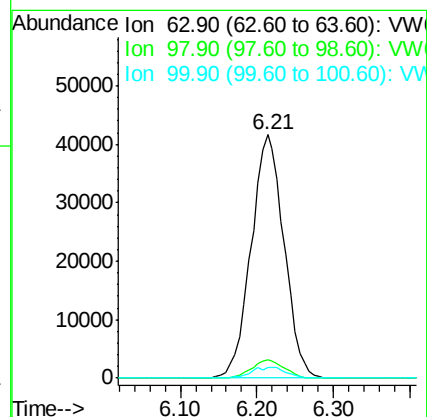
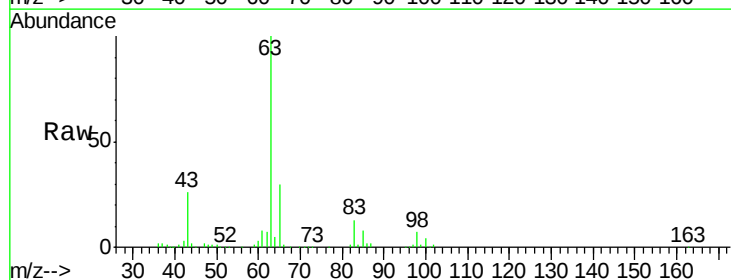
Tgt Ion: 63 Resp: 124325

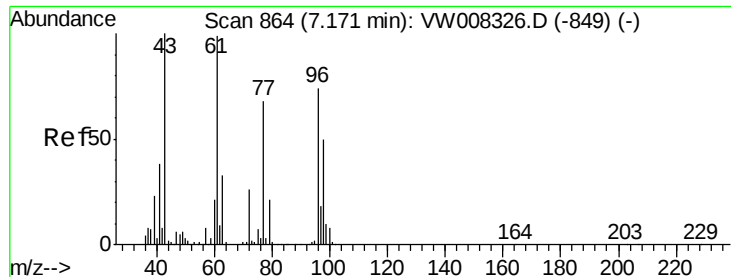
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 255.523 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion: 43 Resp: 94763

Ion Ratio Lower Upper

43 100

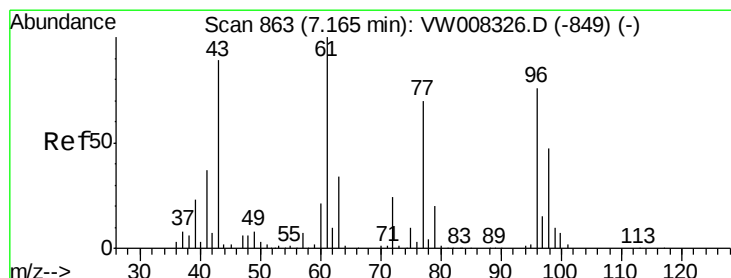
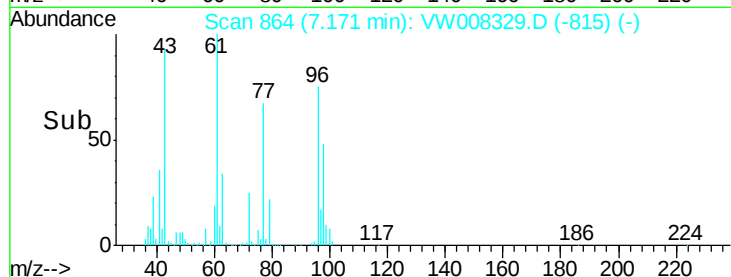
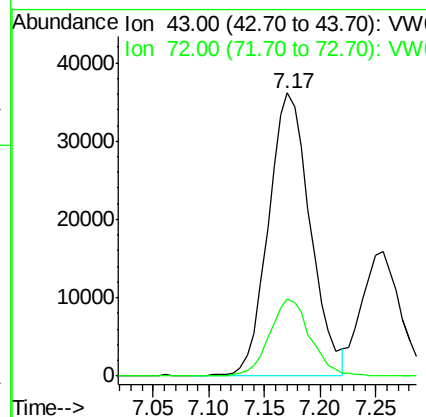
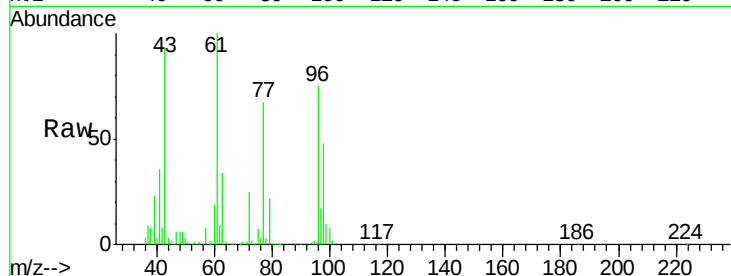
72 27.2 21.2 31.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.315 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008329.D

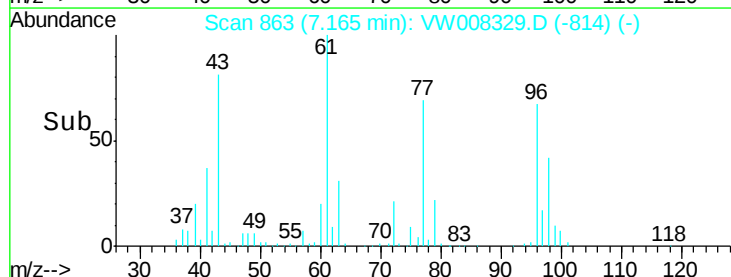
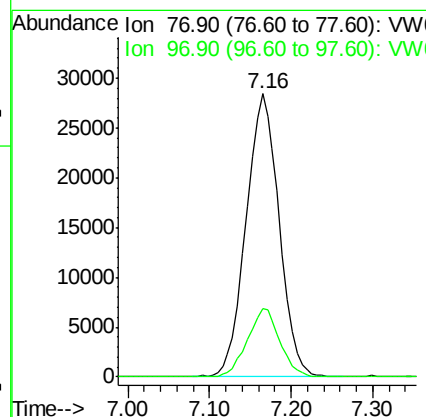
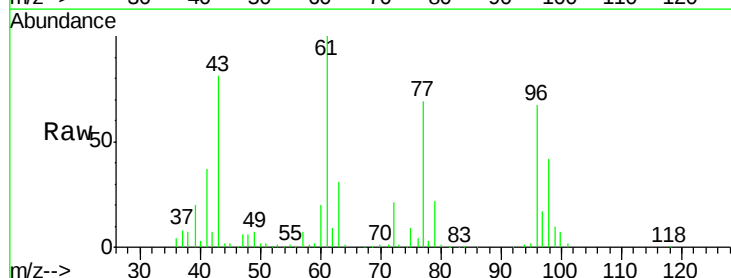
Acq: 17 Jan 2019 15:22

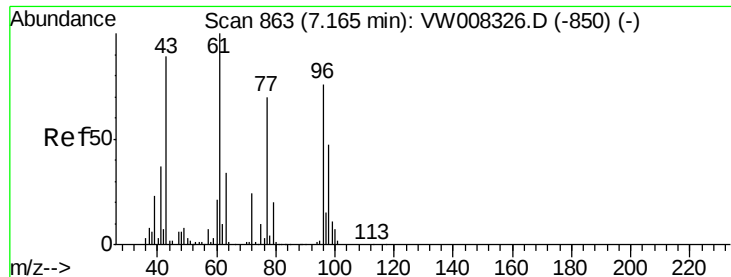
Tgt Ion: 77 Resp: 80035

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1





#27

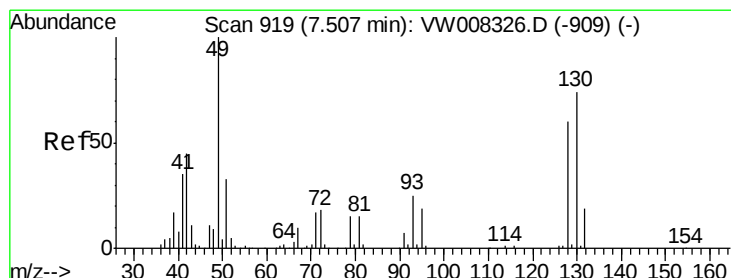
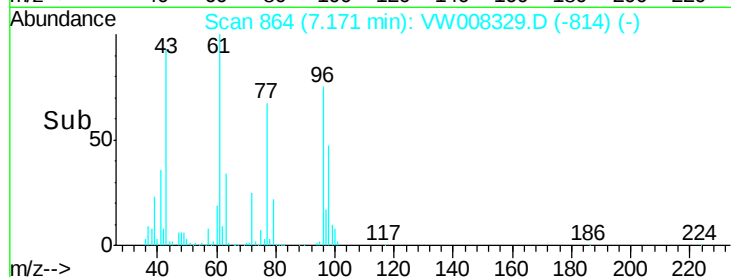
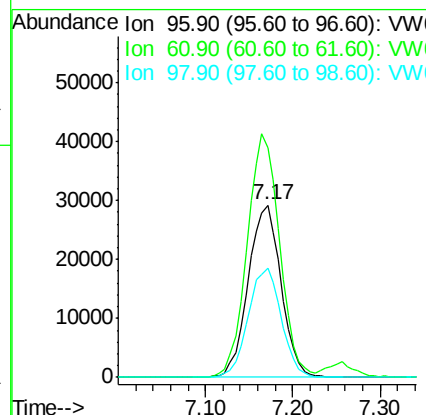
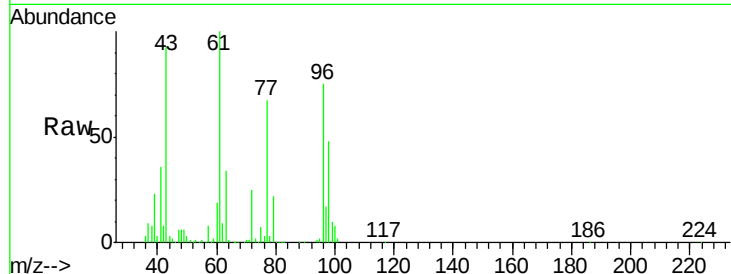
cis-1,2-Dichloroethene
 Concen: 51.005 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	272.2
98	63.7	0.0	129.4

Manual Integrations
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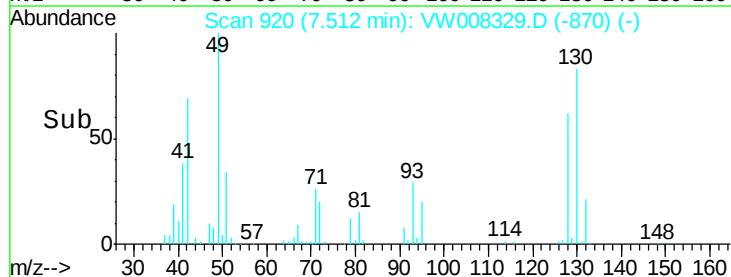
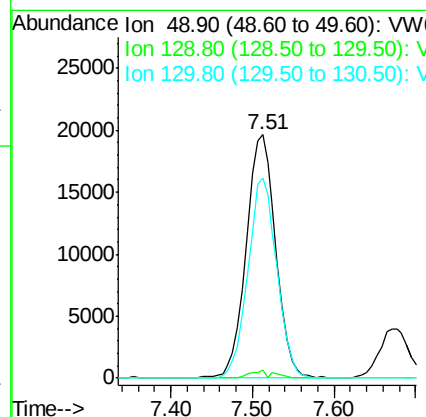
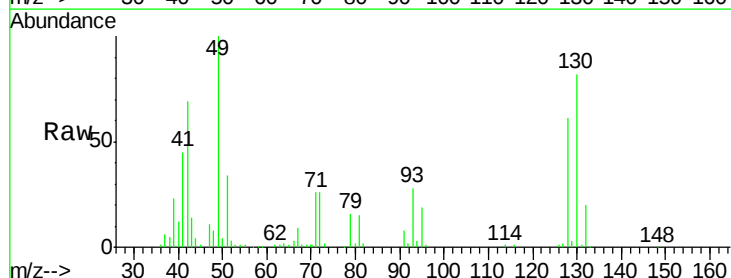
MMDadoda
 1/18/2019 2:09:55 PM

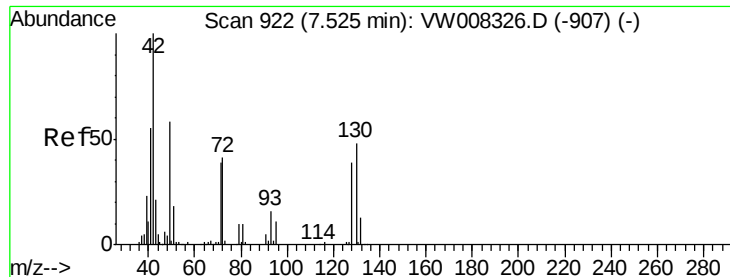


#28

Bromochloromethane
 Concen: 49.048 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.6
130	80.4	0.0	0.0#





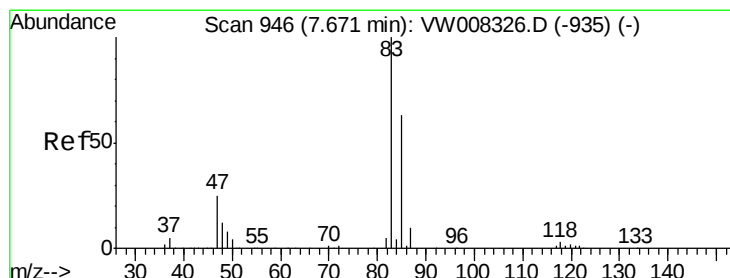
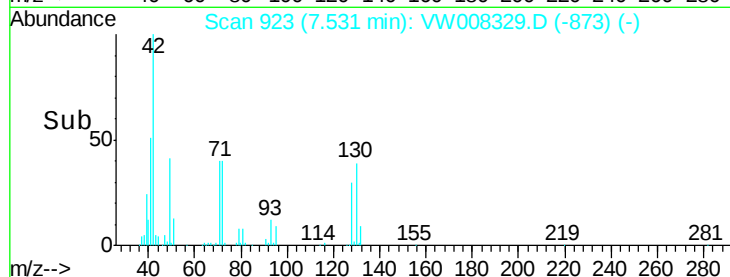
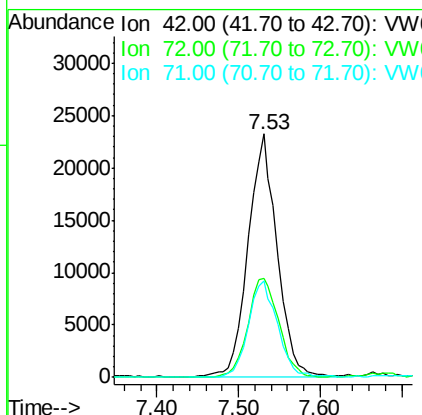
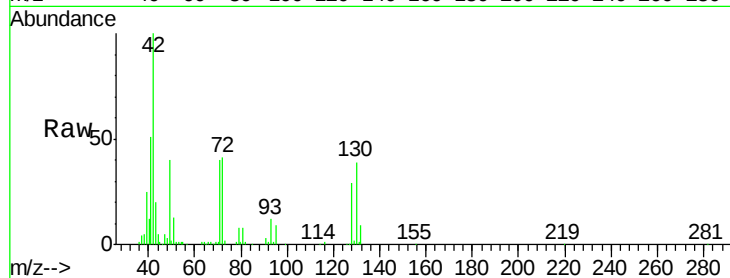
#29
Tetrahydrofuran
Concen: 250.433 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.0	51.0
71	39.9	32.0	48.0

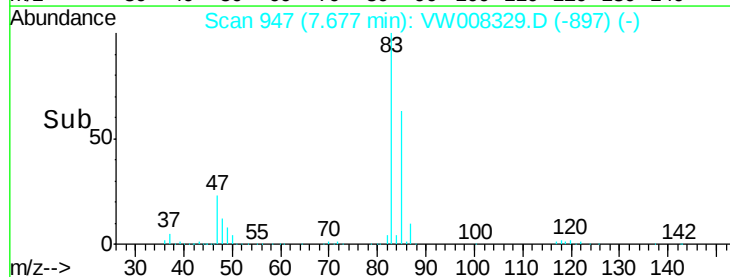
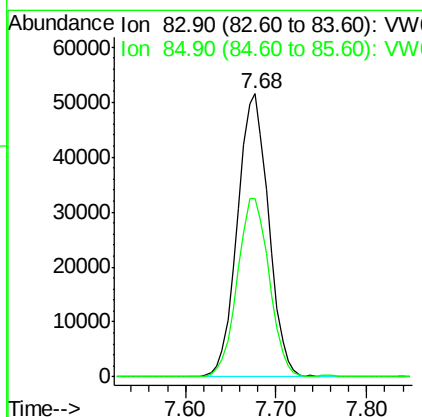
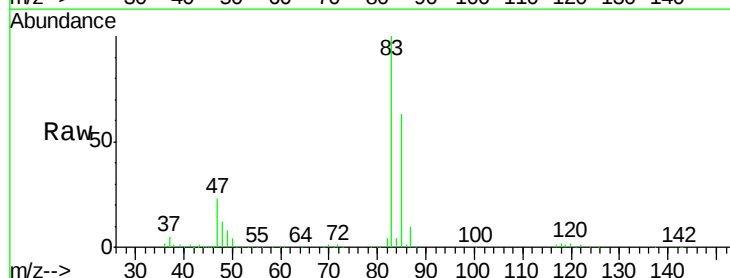
Manual Integrations
APPROVED

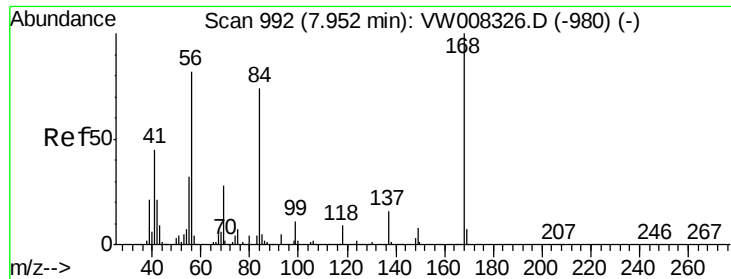
MMDadoda
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#30
Chloroform
Concen: 50.917 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.2	75.2





#31

Cyclohexane

Concen: 49.907 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

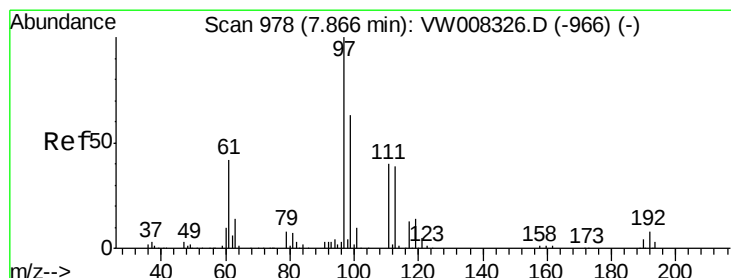
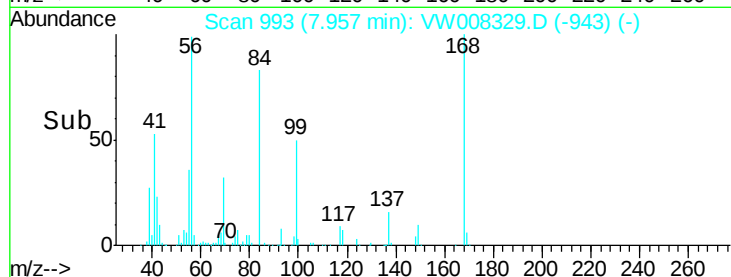
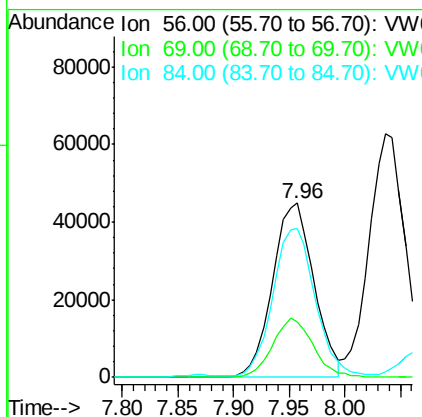
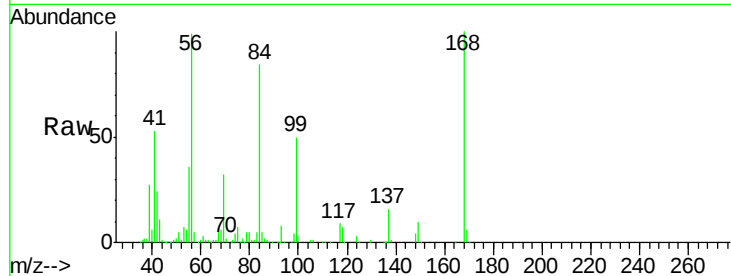
ClientSampleId :

ICVW011719

Tot Ion:	56	Resp:	116215
Ion Ratio		Lower	Upper
56	100		
69	32.0	27.0	40.6
84	84.2	72.5	108.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.973 ug/l

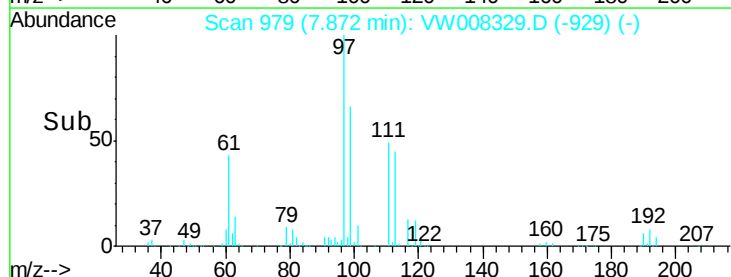
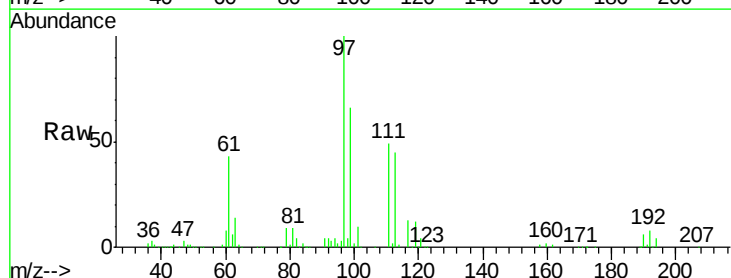
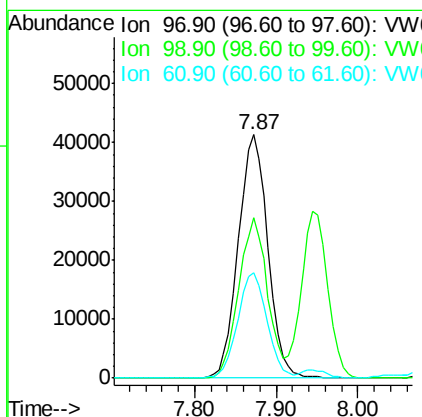
RT: 7.87 min Scan# 979

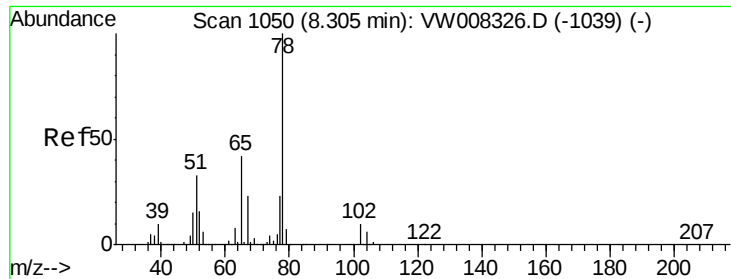
Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Tgt Ion:	97	Resp:	103446
Ion Ratio		Lower	Upper
97	100		
99	64.1	51.1	76.7
61	43.2	34.0	51.0





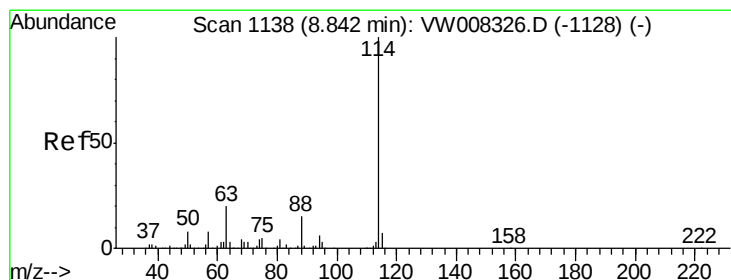
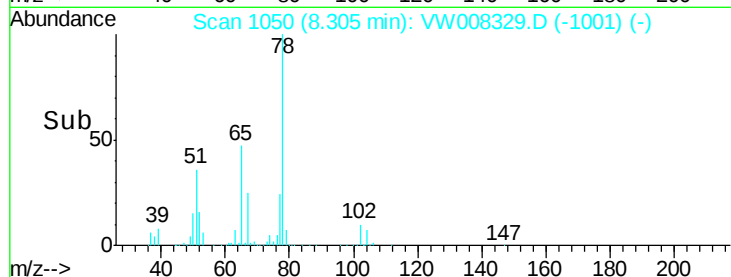
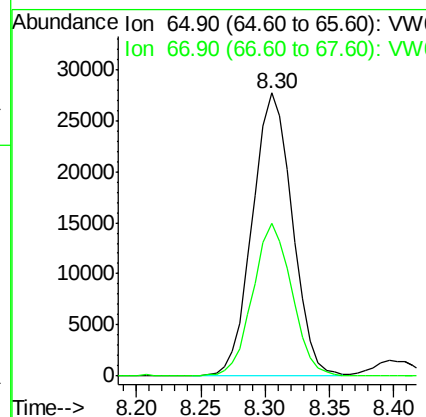
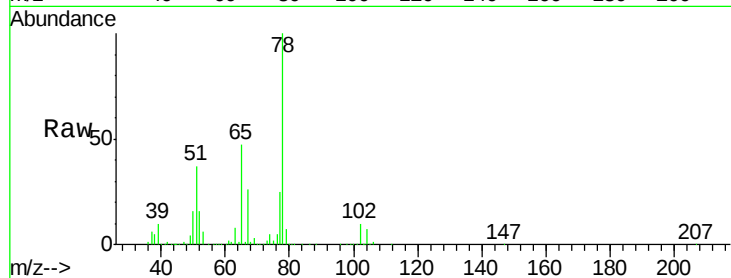
#33
 1,2-Dichloroethane-d4
 Concen: 47.657 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

Tot Ion	Ratio	Resp	Lower	Upper
65	100	59419		
67	53.0		0.0	106.2

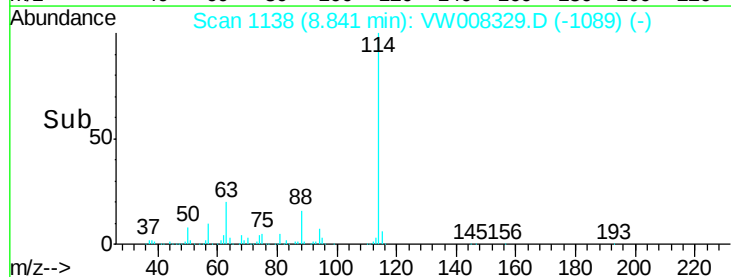
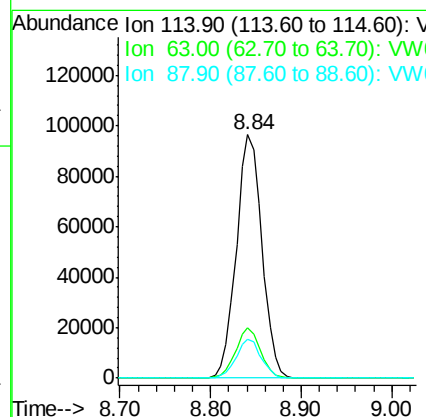
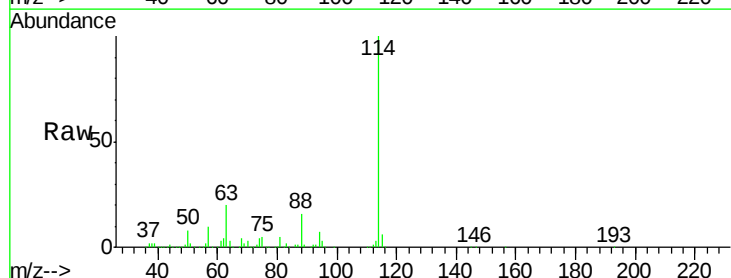
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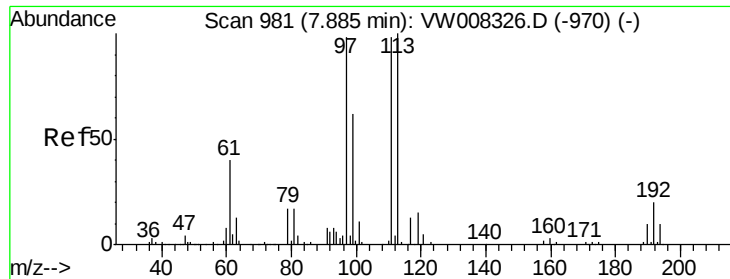
MMDadoda
 1/18/2019 2:09:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	188797		
63	20.5		0.0	40.8
88	15.9		0.0	30.4





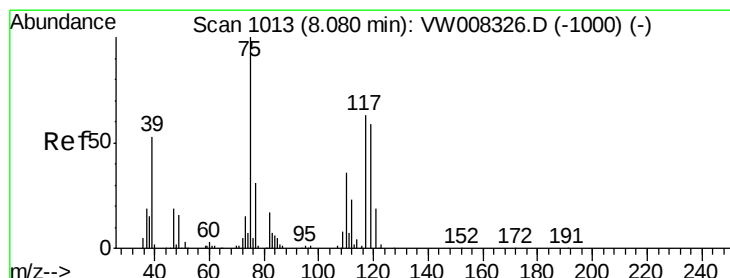
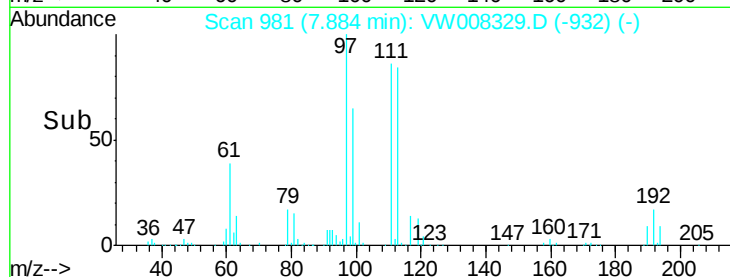
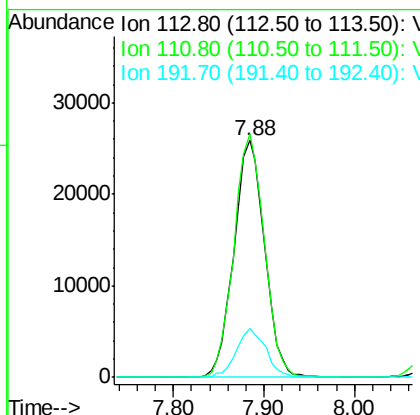
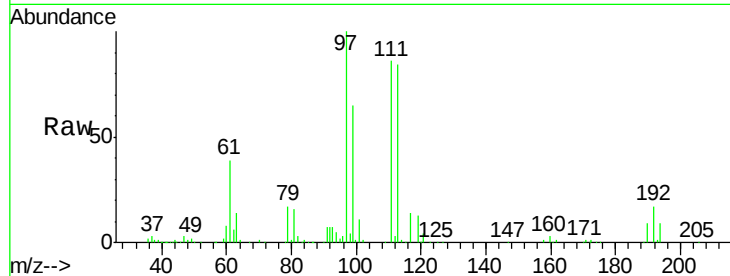
#35
 Dibromofluoromethane
 Concen: 50.447 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	19.8	16.3	24.5

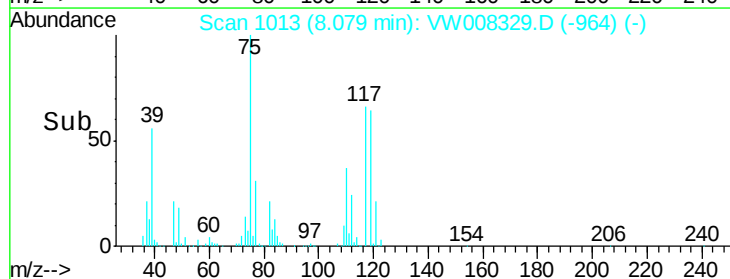
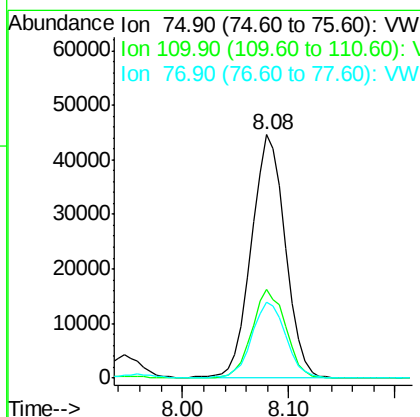
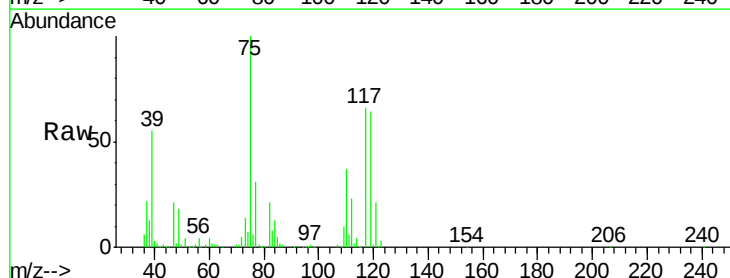
Manual Integrations
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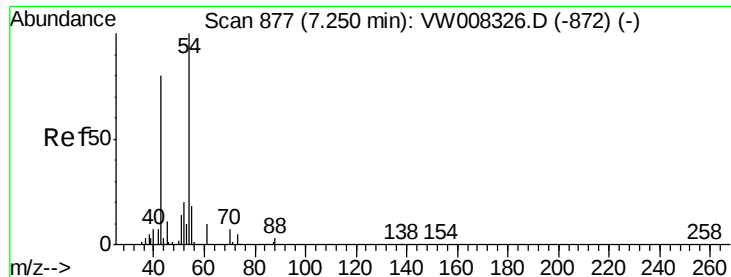
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#36
 1,1-Dichloropropene
 Concen: 52.725 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.5	52.6
77	31.4	25.0	37.6





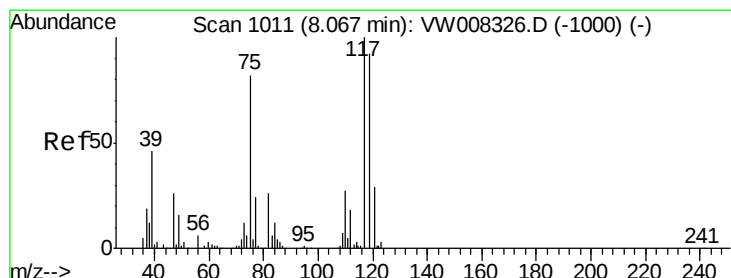
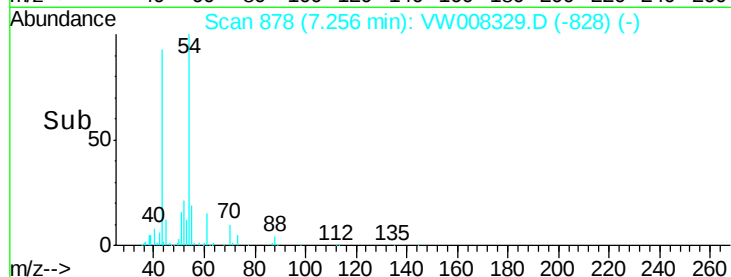
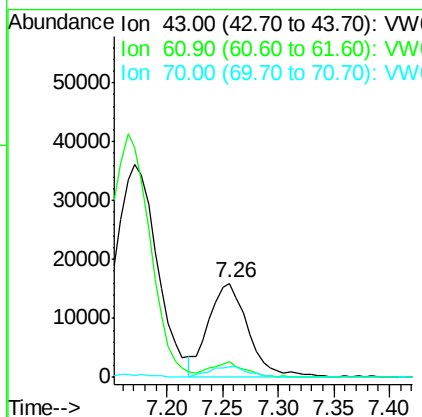
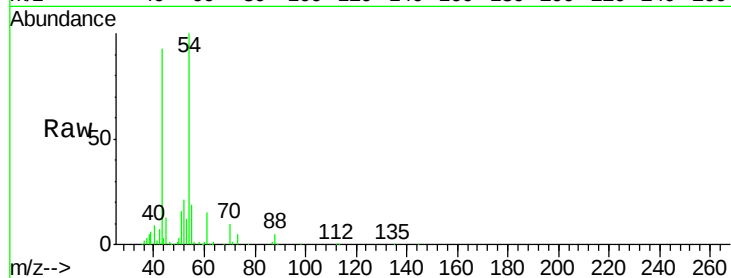
#37
Ethyl Acetate
Concen: 49.875 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampled :
ICVW011719

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.5	17.3
70	11.5	8.8	13.2

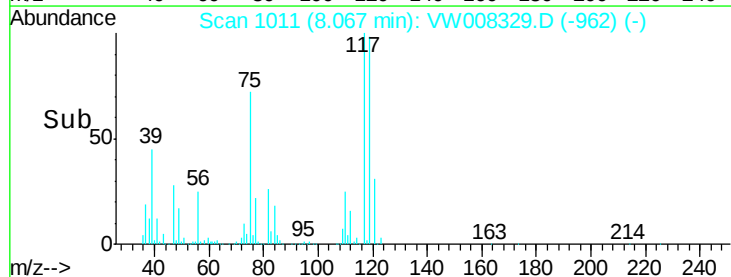
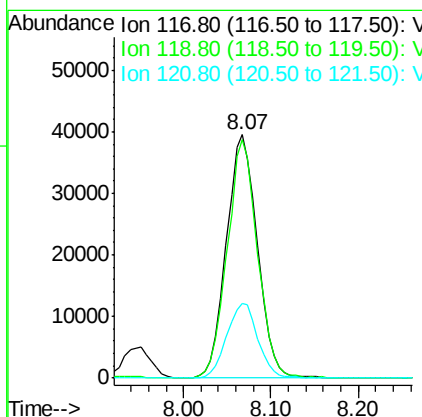
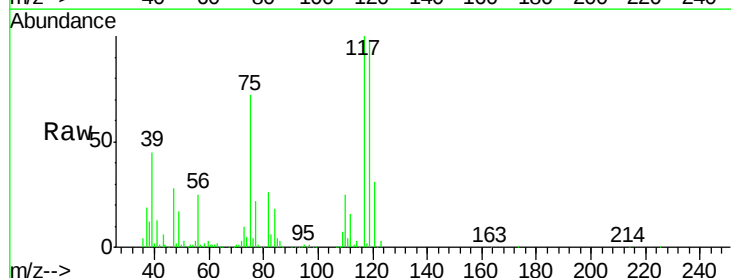
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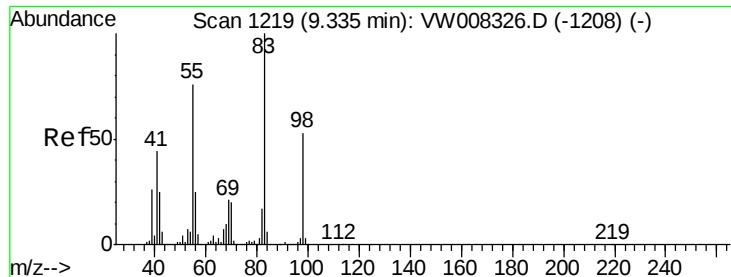
MMDadoda
1/18/2019 2:09:55 PM



#38
Carbon Tetrachloride
Concen: 51.964 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	73.8	110.6
121	30.6	23.4	35.0





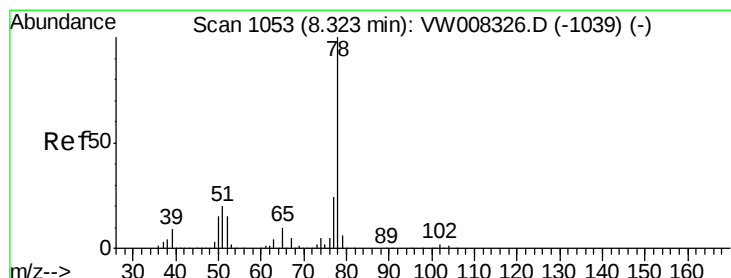
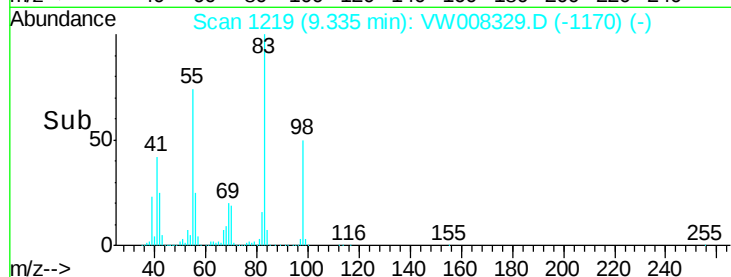
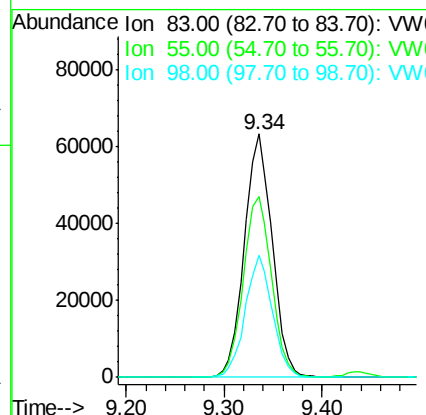
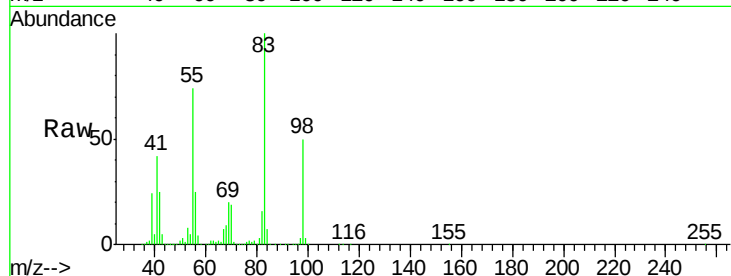
#39
Methvlcvclohexane
Concen: 55.220 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	61.1	91.7
98	50.0	42.5	63.7

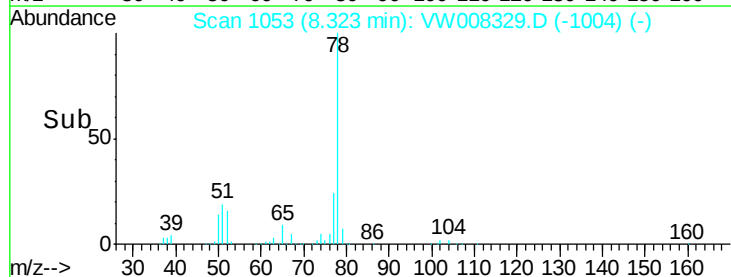
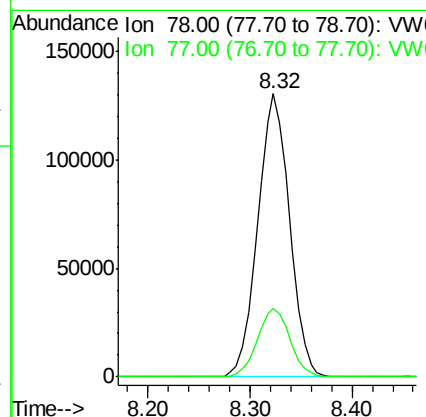
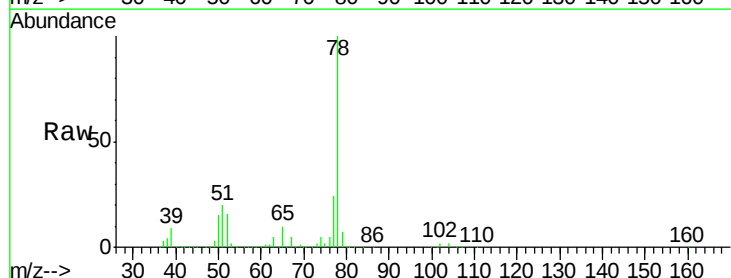
Manual Integrations
APPROVED

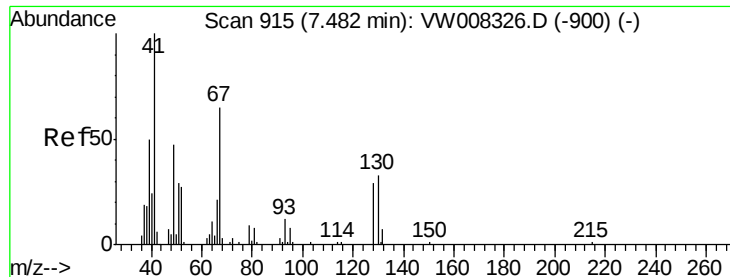
MMDadoda
1/18/2019 2:09:55 PM



#40
Benzene
Concen: 52.563 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0





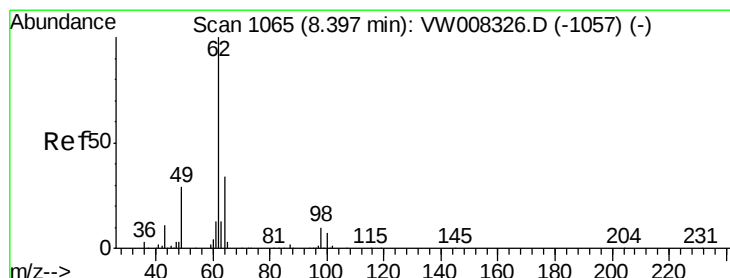
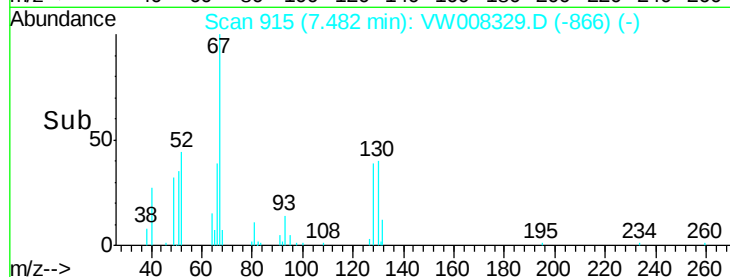
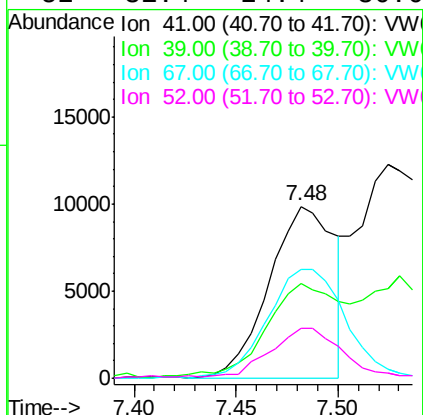
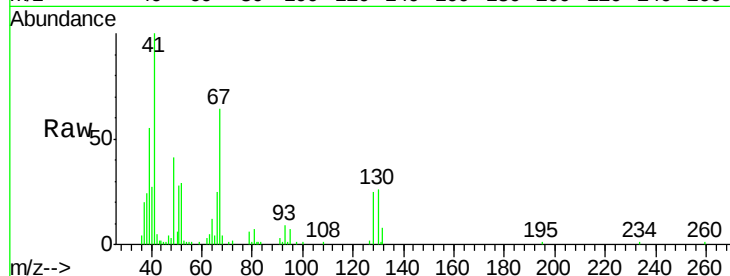
#41
Methacrylonitrile
Concen: 48.625 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	65.0	44.9	67.3	
67	75.5	56.9	85.3	
52	31.4	24.4	36.6	

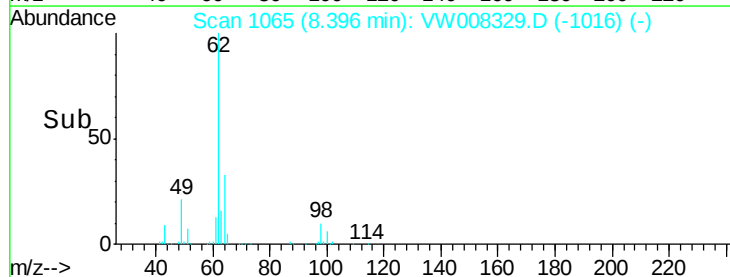
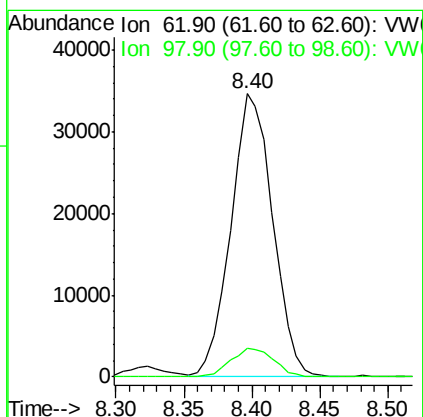
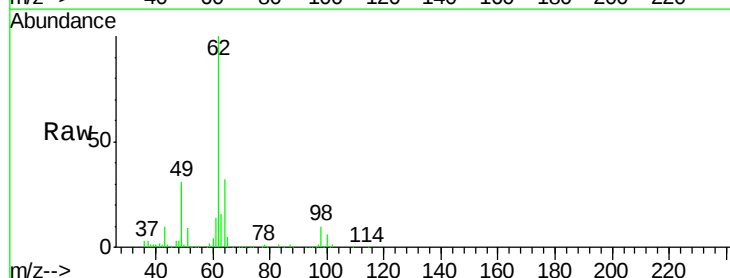
Manual Integrations
APPROVED

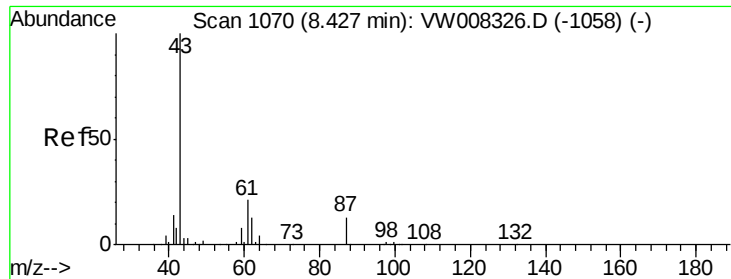
MMDadoda
1/18/2019 2:09:55 PM



#42
1,2-Dichloroethane
Concen: 48.995 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	19.0	





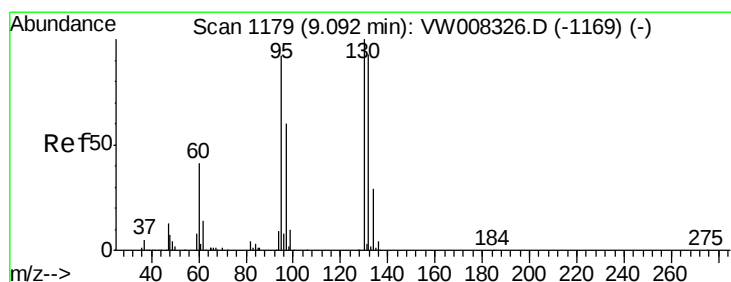
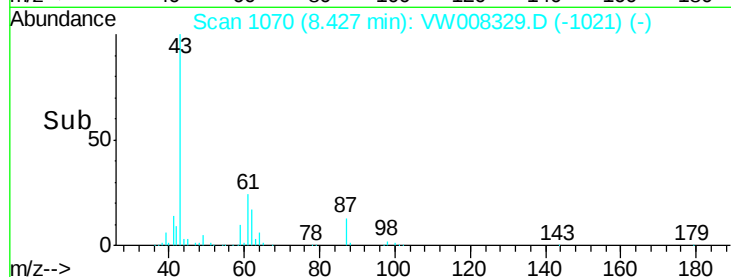
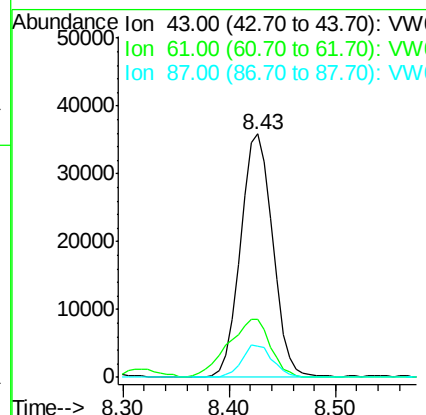
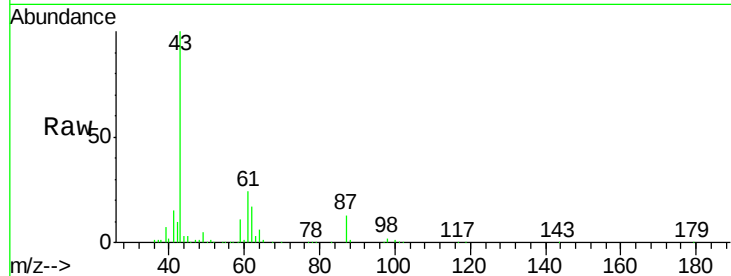
#43
Isopropyl Acetate
Concen: 51.408 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.6	24.8	37.2
87	12.8	10.7	16.1

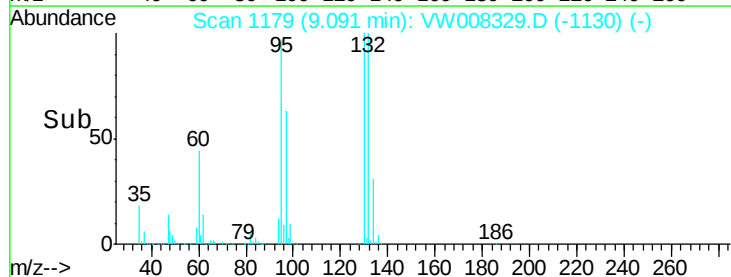
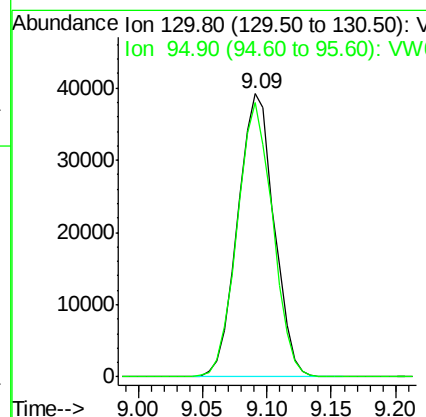
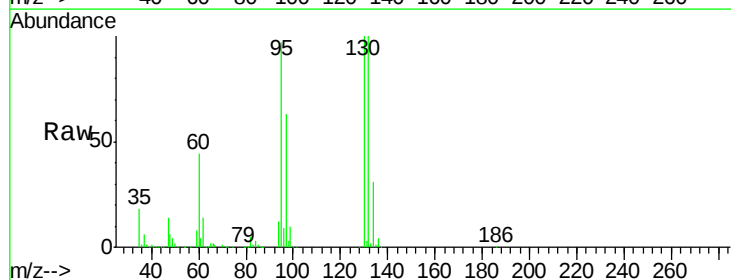
Manual Integrations
APPROVED

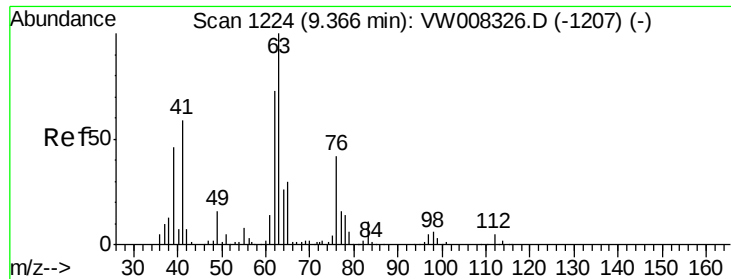
MMDadoda
1/18/2019 2:09:55 PM



#44
Trichloroethene
Concen: 52.012 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	184.8





#45

1,2-Dichloropropane

Concen: 51.306 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion: 63 Resp: 68571

Ion Ratio Lower Upper

63 100

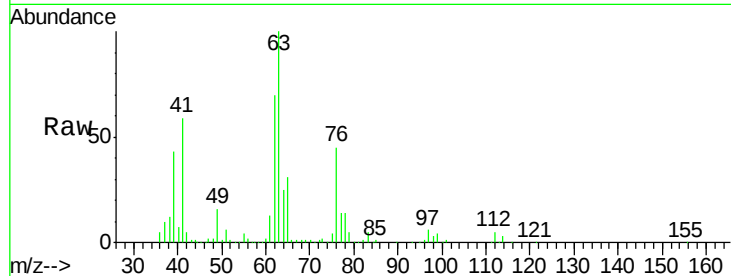
65 31.1 23.9 35.9

Manual Integrations

APPROVED

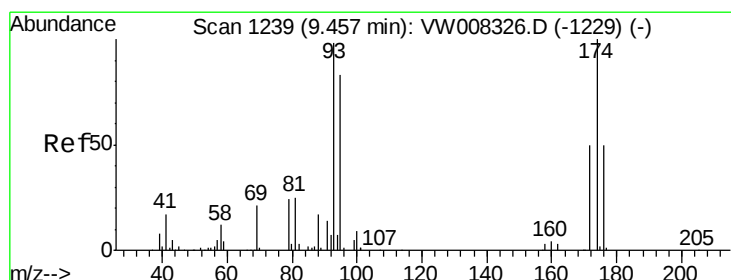
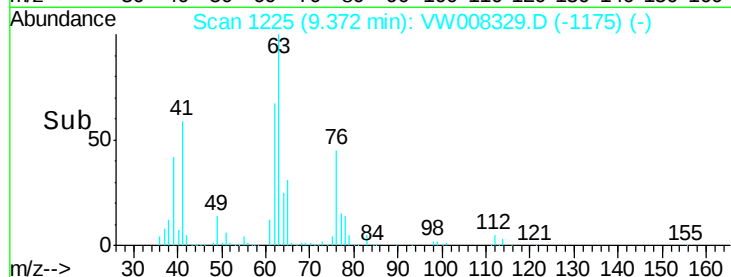
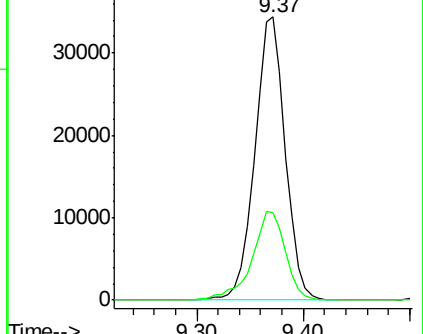
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 52.183 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

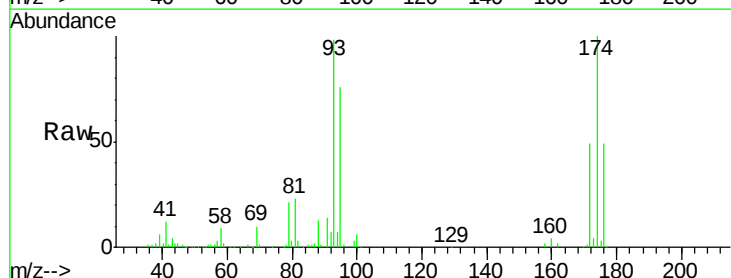
Tgt Ion: 93 Resp: 36350

Ion Ratio Lower Upper

93 100

95 81.4 67.8 101.8

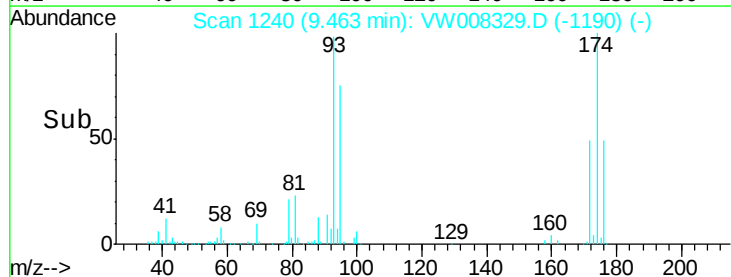
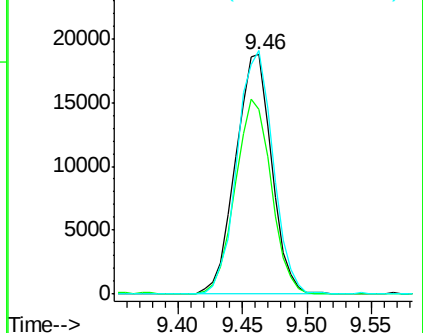
174 101.2 84.4 126.6

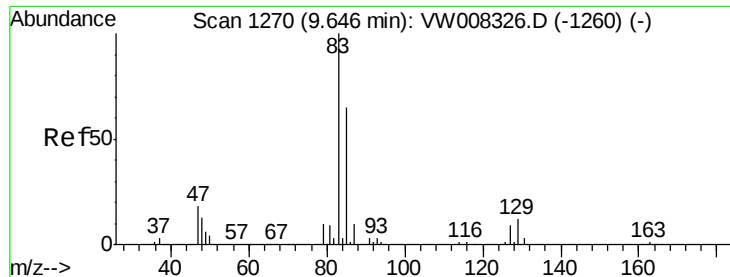


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.971 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

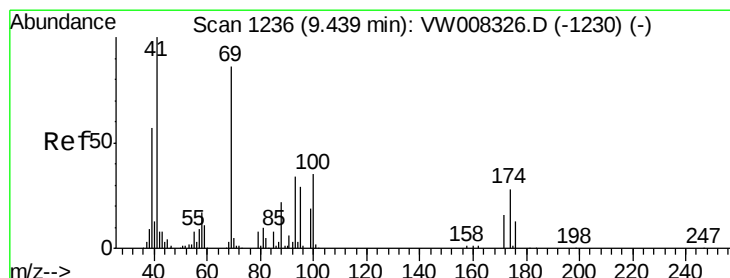
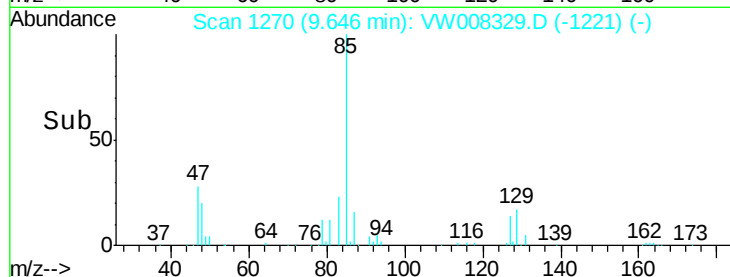
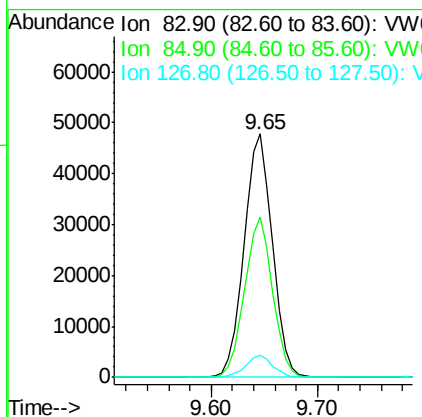
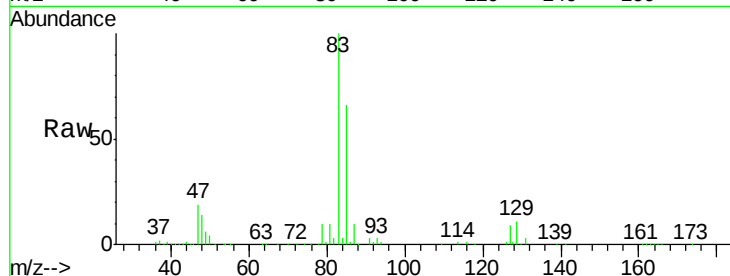
ClientSampleId :

ICVW011719

Tot Ion:	83	Resp:	89299
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.6	77.4
127	9.1	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.560 ug/l

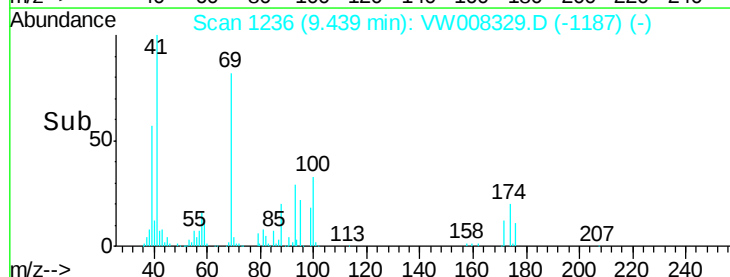
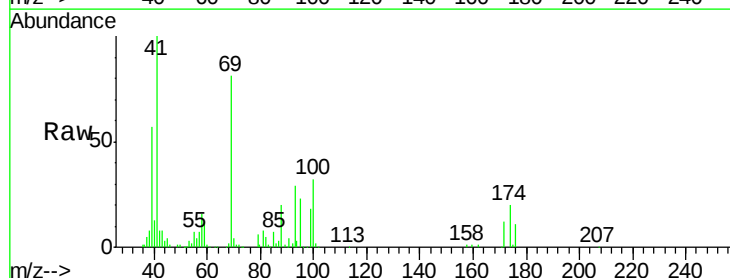
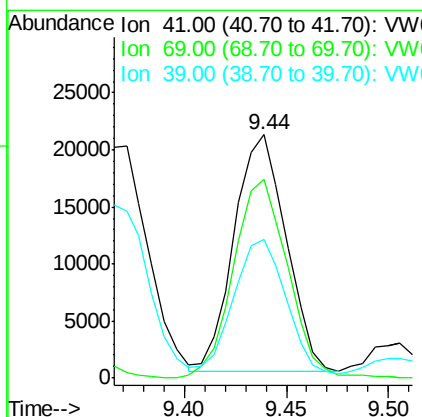
RT: 9.44 min Scan# 1236

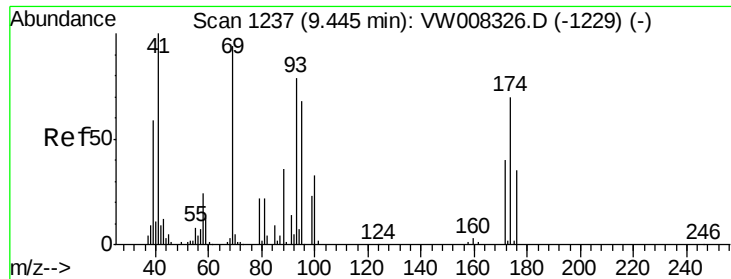
Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Tgt Ion:	41	Resp:	36609
Ion	Ratio	Lower	Upper
41	100		
69	87.0	68.2	102.4
39	56.9	46.0	69.0





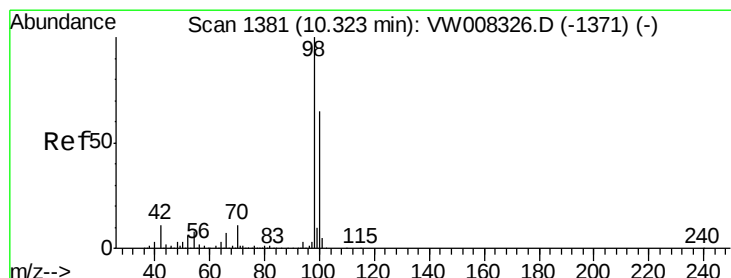
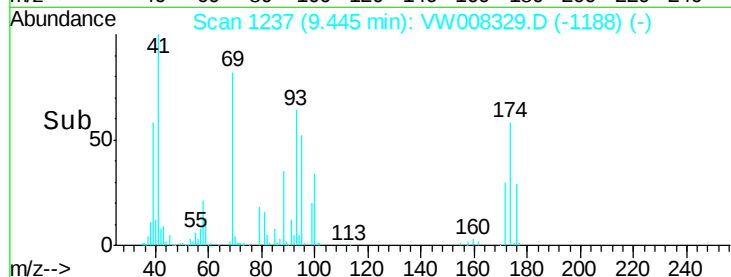
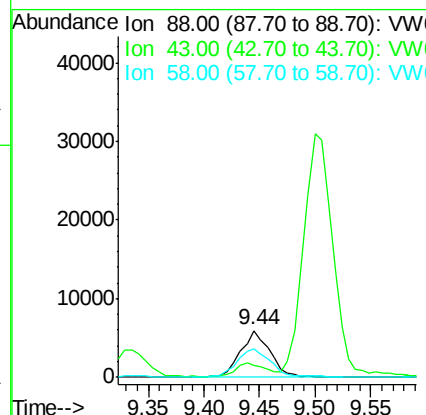
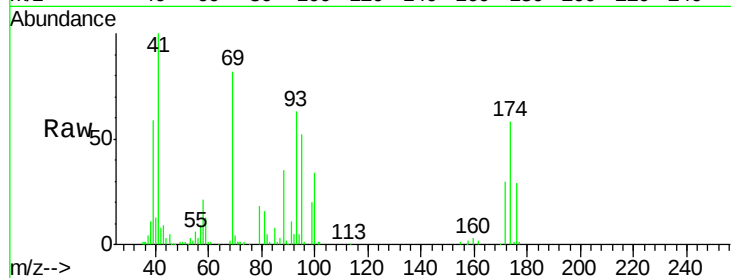
#49
1,4-Dioxane
Concen: 972.656 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	27.1	40.7
58	69.5	57.9	86.9

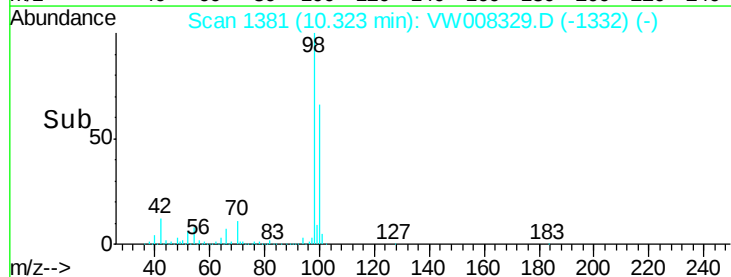
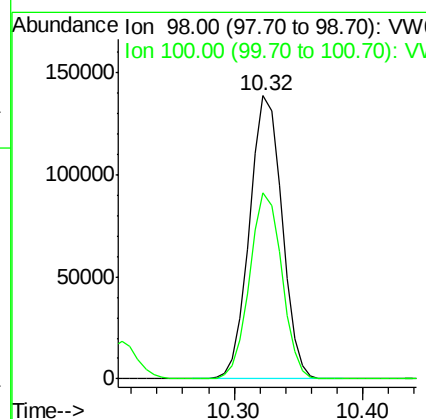
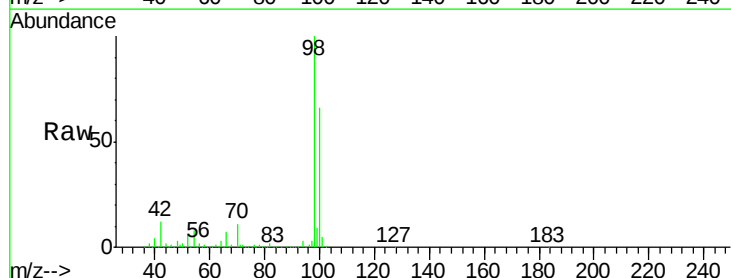
Manual Integrations
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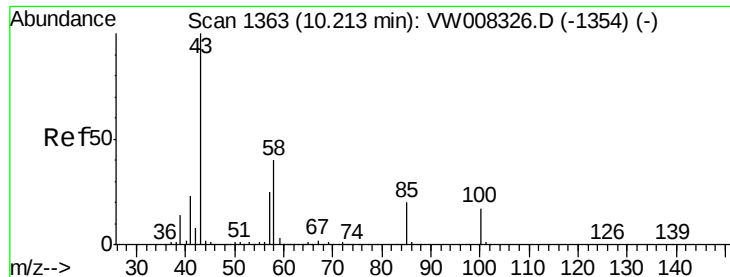
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#50
Toluene-d8
Concen: 51.035 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 259.922 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion: 43 Resp: 194733

Ion Ratio Lower Upper

43 100

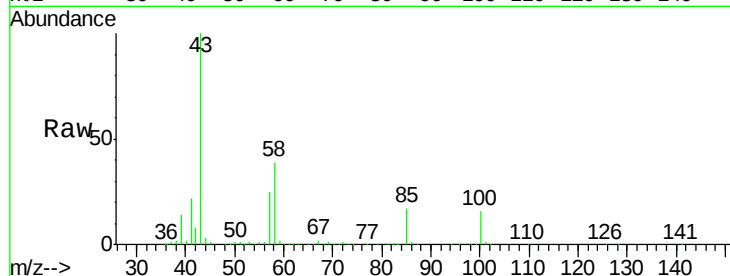
58 38.5 31.4 47.0

Manual Integrations

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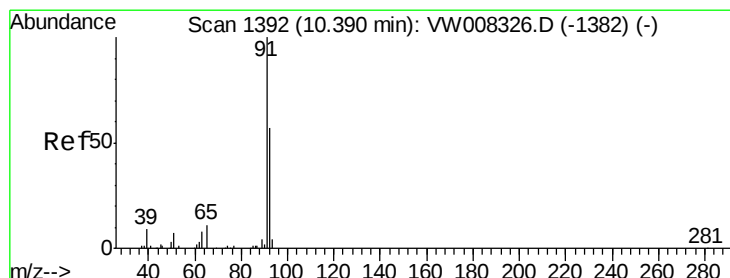
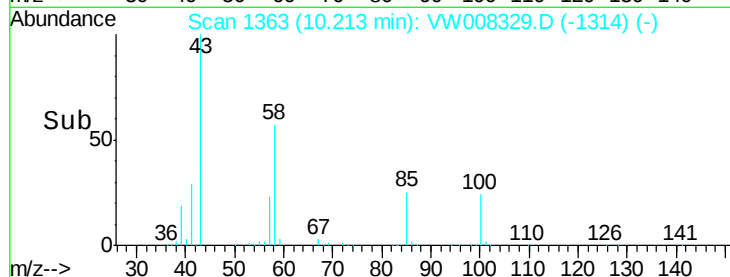
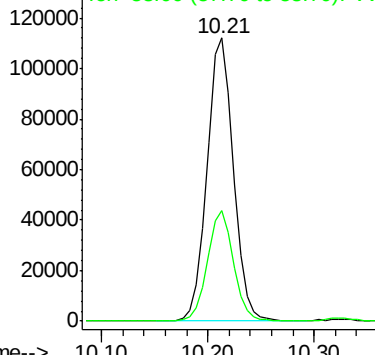
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 52.989 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008329.D

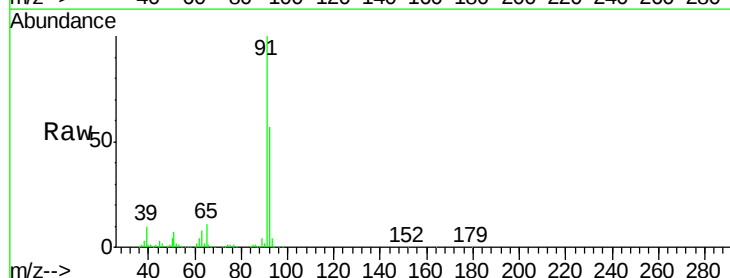
Acq: 17 Jan 2019 15:22

Tgt Ion: 92 Resp: 180429

Ion Ratio Lower Upper

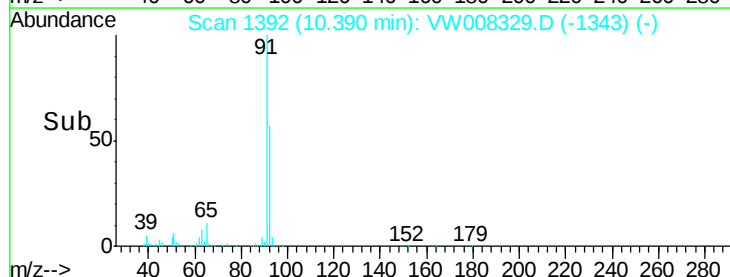
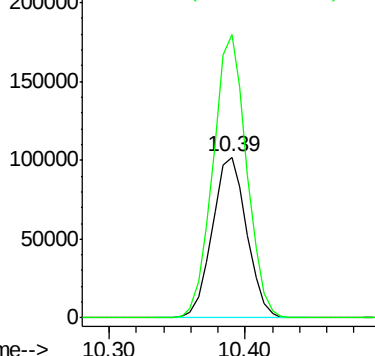
92 100

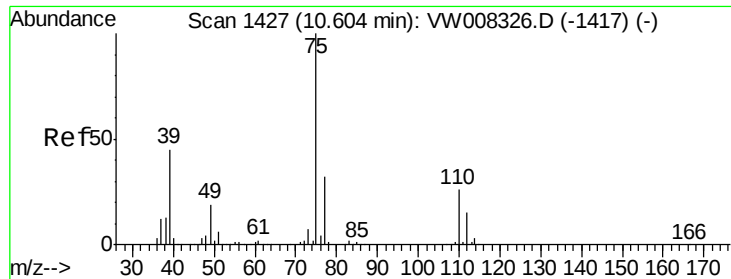
91 172.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





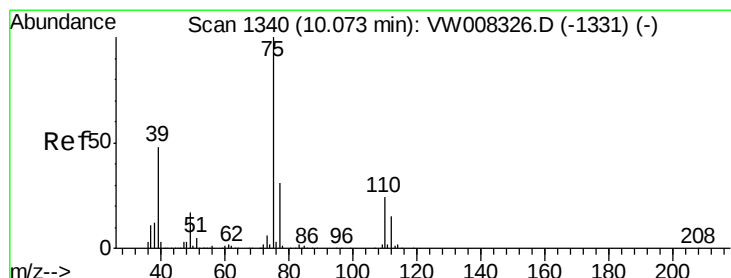
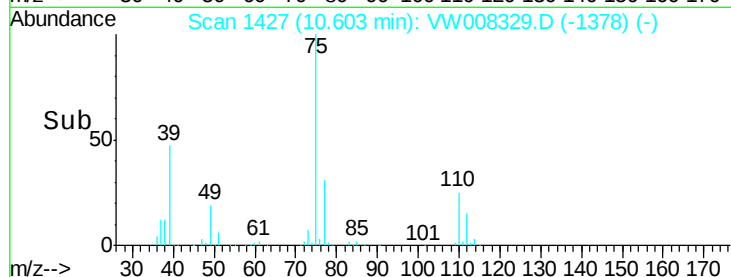
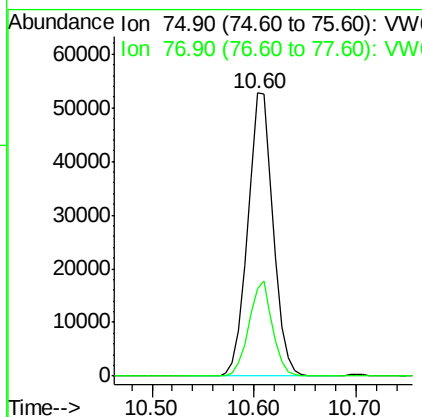
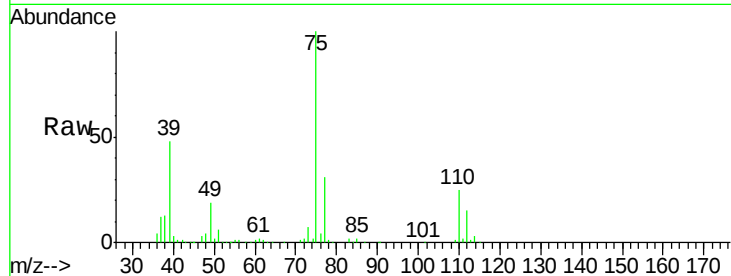
#53
 t-1,3-Dichloropropene
 Concen: 53.302 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

Tot Ion	75	Resp	91409
Ion Ratio	Lower	Upper	
75	100		
77	30.7	25.8	38.8

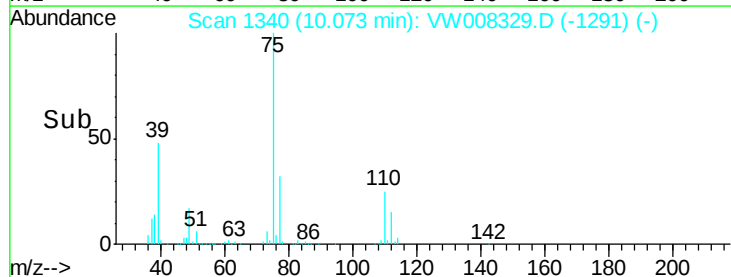
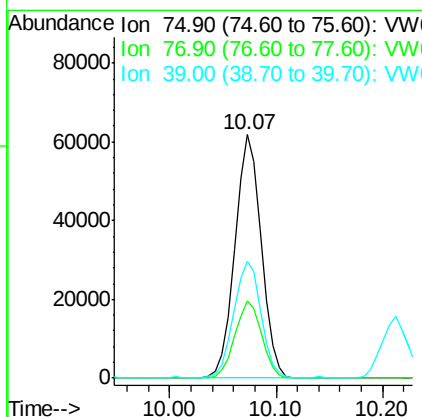
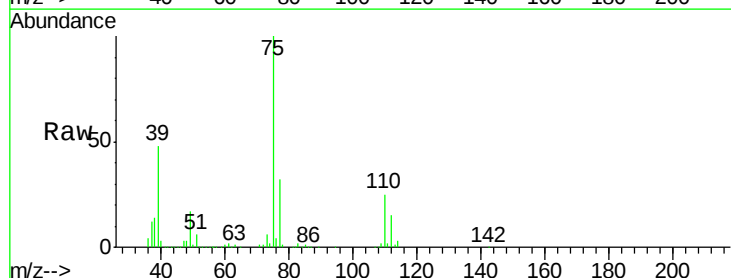
Manual Integrations
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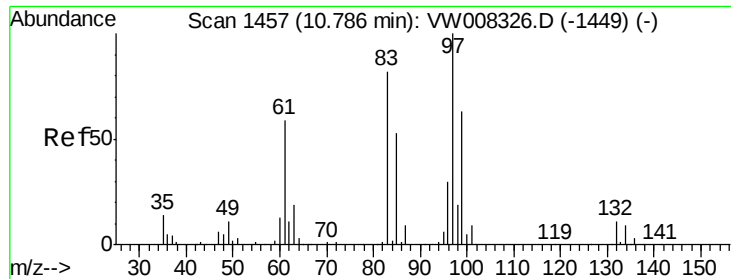
MMDadoda
 1/18/2019 2:09:55 PM



#54
 cis-1,3-Dichloropropene
 Concen: 53.180 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion	75	Resp	107508
Ion Ratio	Lower	Upper	
75	100		
77	31.9	24.4	36.6
39	47.9	38.6	57.8





#55

1,1,2-Trichloroethane

Concen: 51.307 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

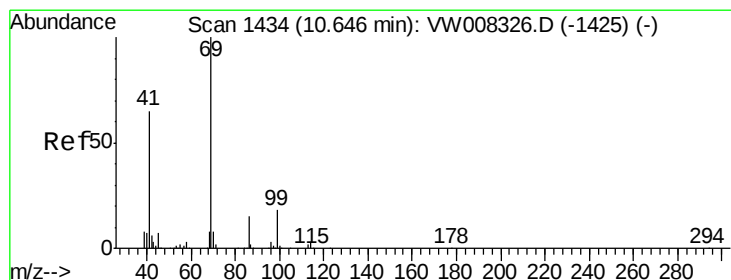
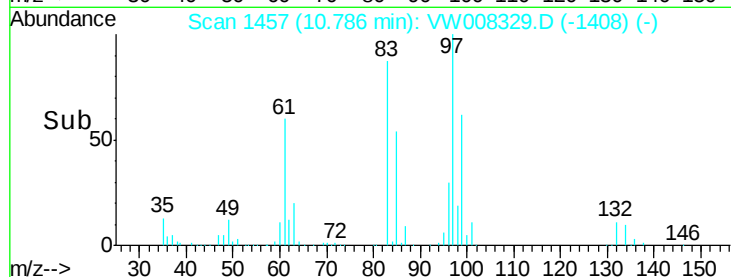
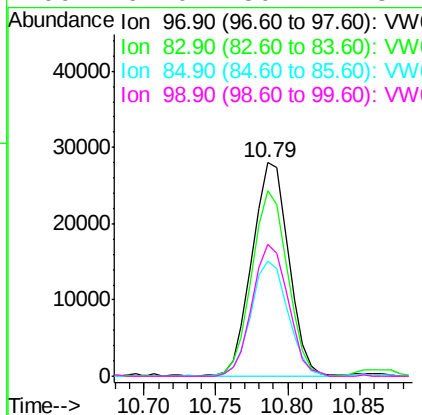
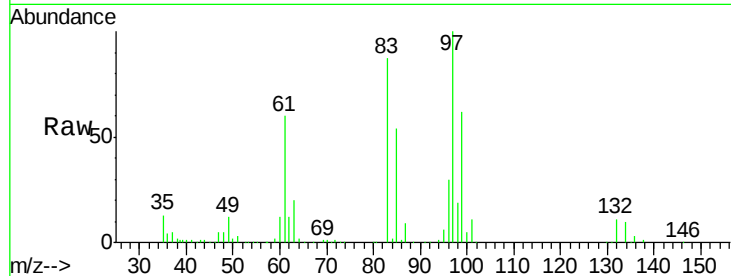
ClientSampleId :

ICVW011719

Tot Ion:	97	Resp:	49571
Ion	Ratio	Lower	Upper
97	100		
83	86.6	65.3	97.9
85	53.7	42.6	64.0
99	62.0	50.2	75.2

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#56

Ethyl methacrylate

Concen: 52.903 ug/l

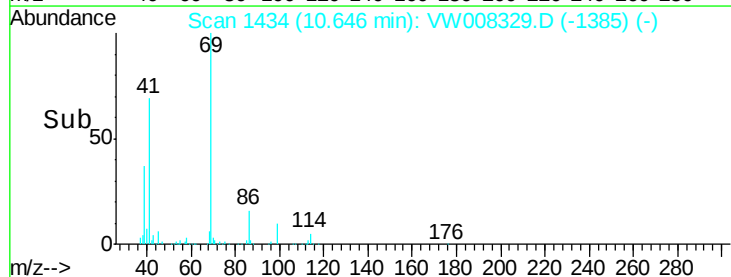
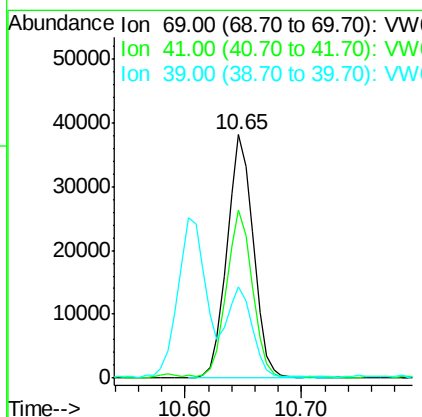
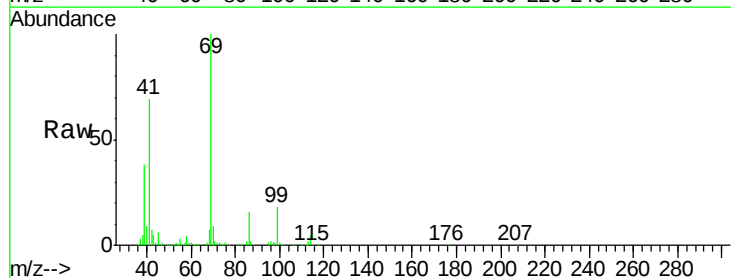
RT: 10.65 min Scan# 1434

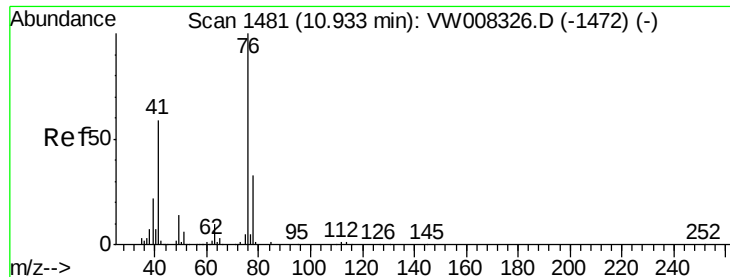
Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Tgt Ion:	69	Resp:	60028
Ion	Ratio	Lower	Upper
69	100		
41	67.0	52.9	79.3
39	35.1	28.4	42.6





#57

1,3-Dichloropropane

Concen: 51.983 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion: 76 Resp: 87205

Ion Ratio Lower Upper

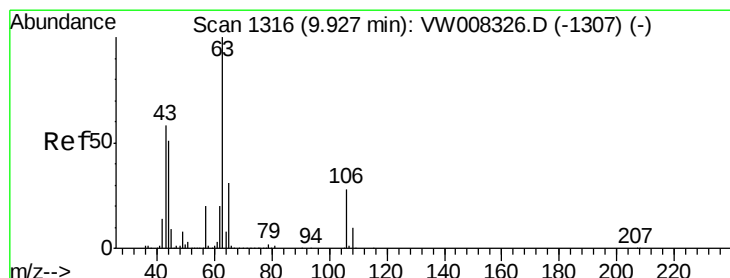
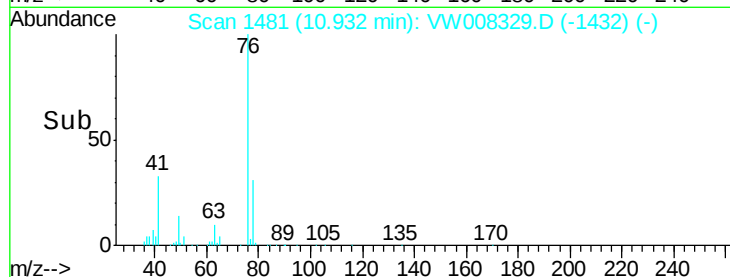
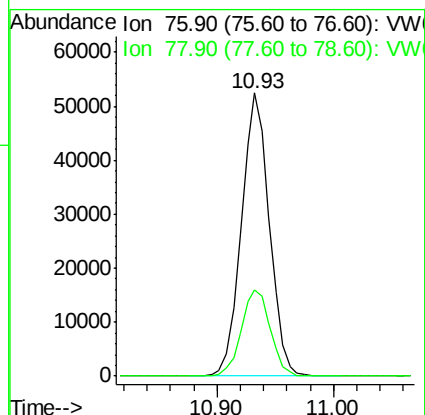
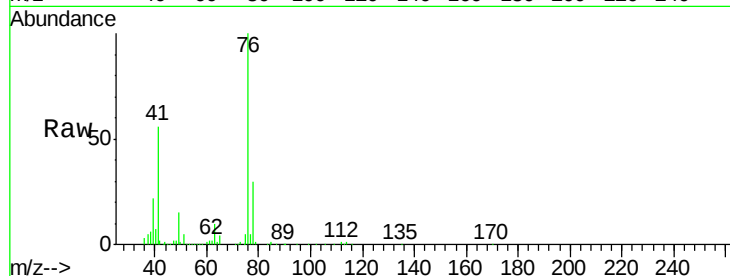
76 100

78 31.6 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 264.953 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW008329.D

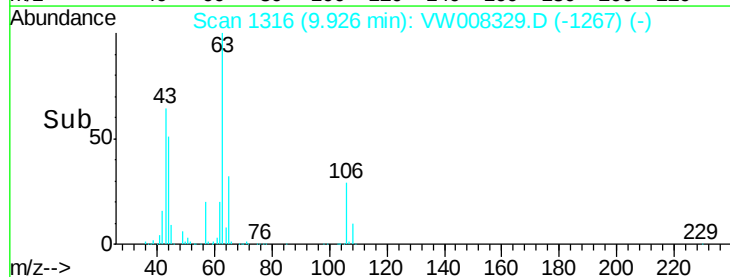
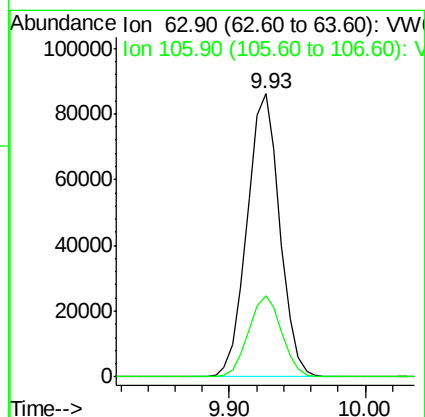
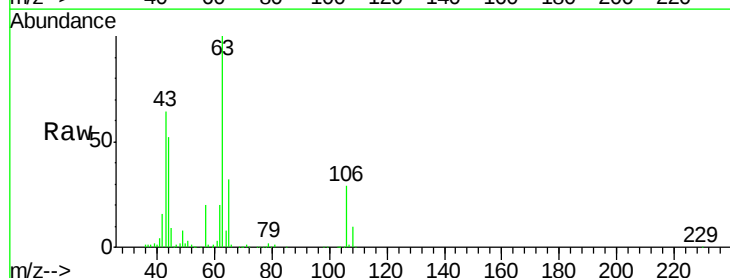
Acq: 17 Jan 2019 15:22

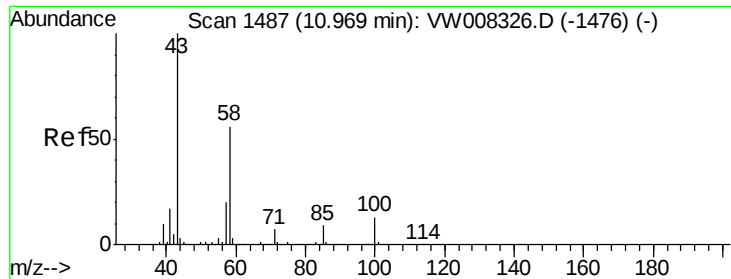
Tgt Ion: 63 Resp: 145013

Ion Ratio Lower Upper

63 100

106 29.1 22.9 34.3





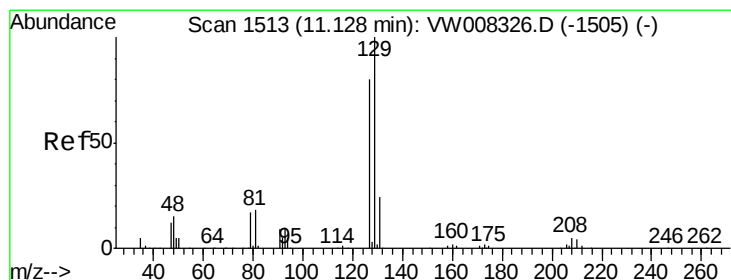
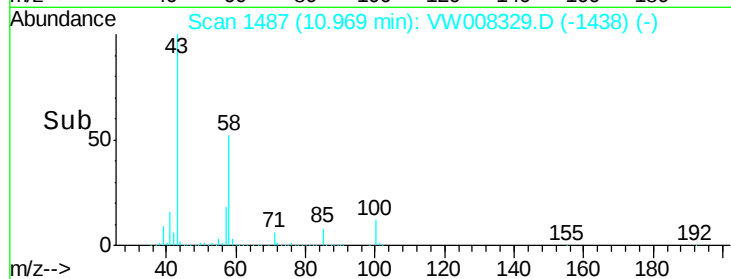
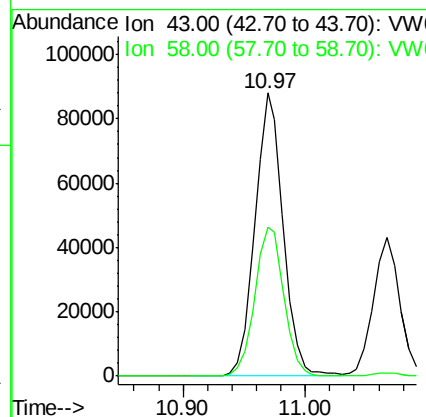
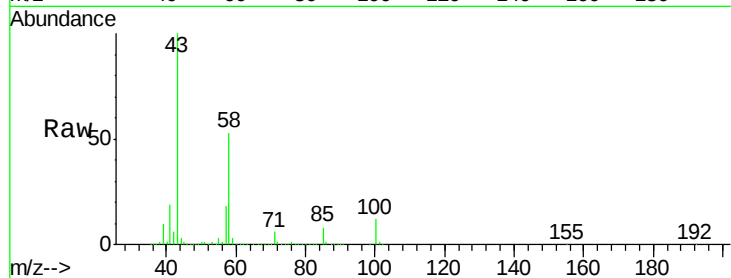
#59
2-Hexanone
Concen: 269.409 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	43	Resp	141422
Ion Ratio	100	Lower	Upper
43	100		
58	54.3	27.5	82.5

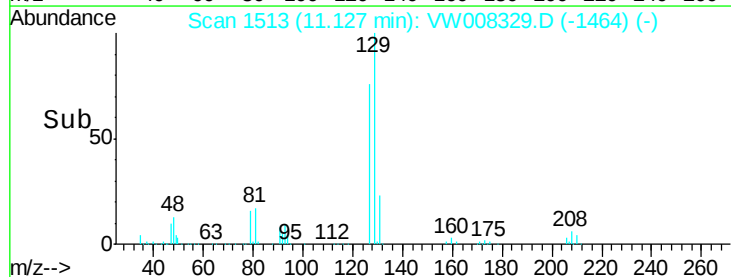
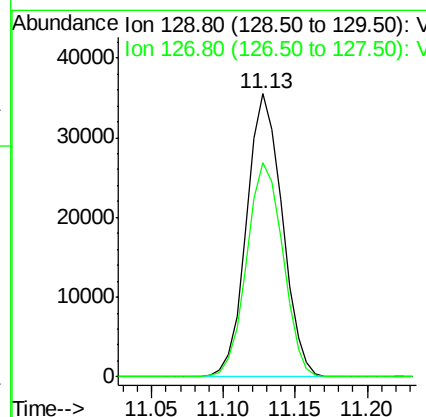
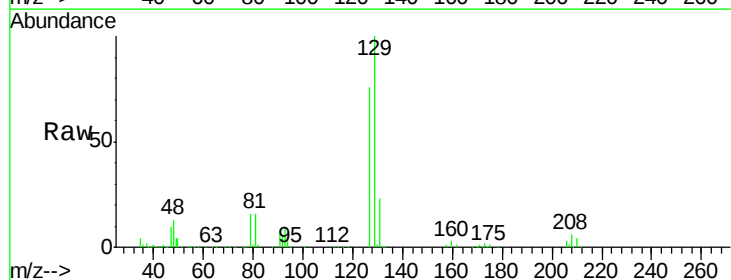
Manual Integrations
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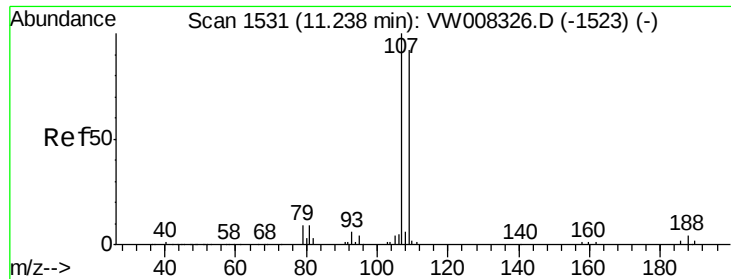
MMDadoda
1/18/2019 2:09:55 PM



#60
Dibromochloromethane
Concen: 52.688 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	129	Resp	60754
Ion Ratio	100	Lower	Upper
129	100		
127	76.9	39.1	117.2





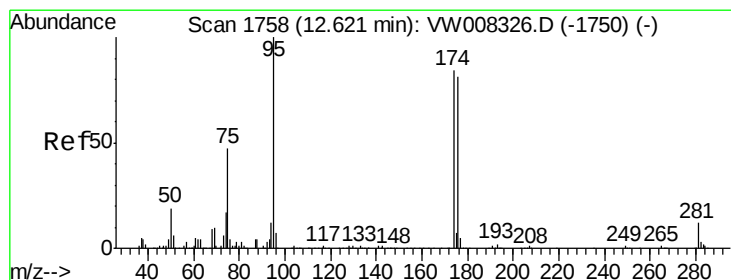
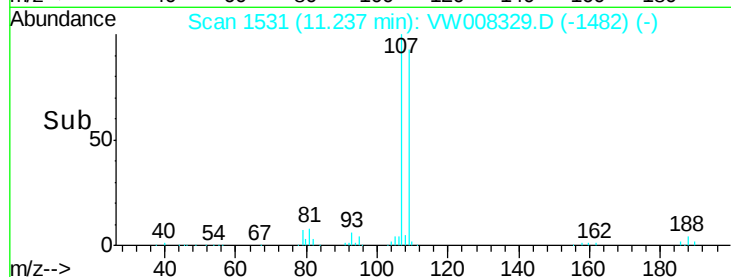
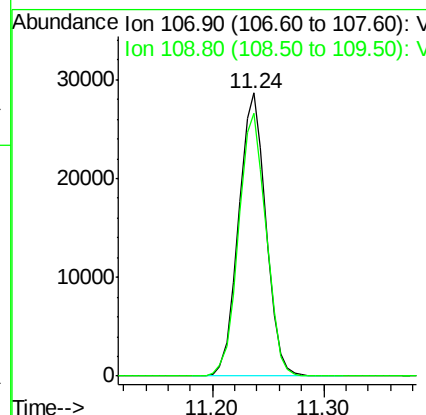
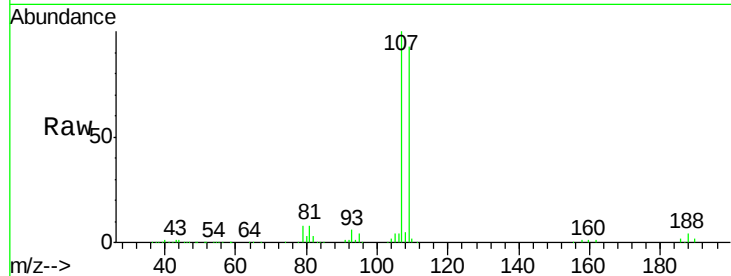
#61
1,2-Dibromoethane
Concen: 51.771 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.0	111.0

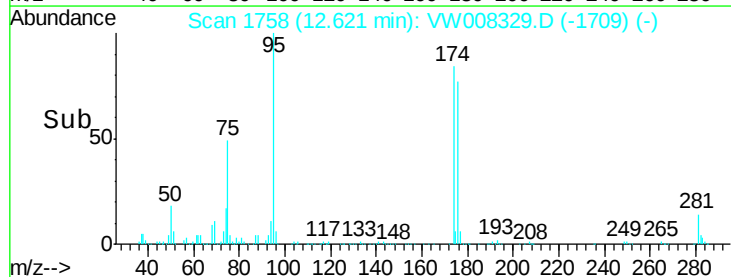
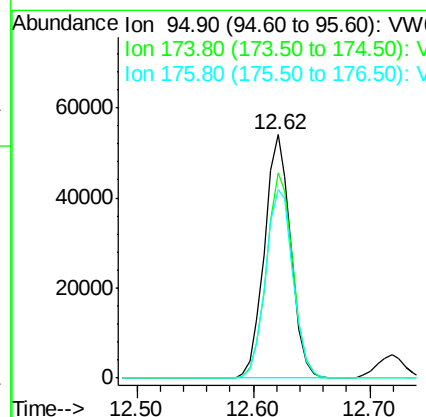
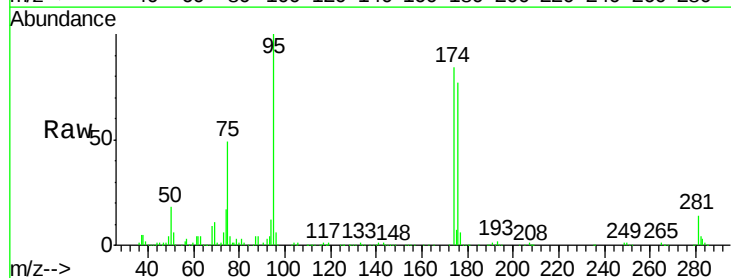
Manual Integrations
APPROVED

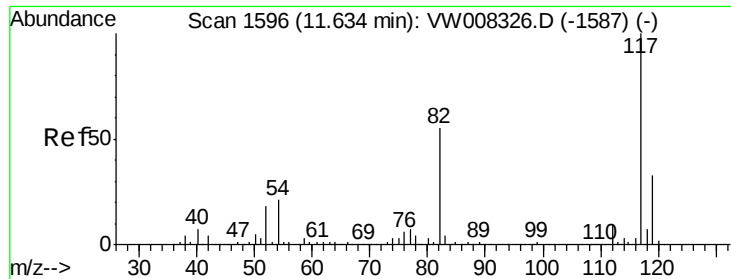
MMDadoda
1/18/2019 2:09:55 PM



#62
4-Bromofluorobenzene
Concen: 49.991 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	166.0
176	80.8	0.0	160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

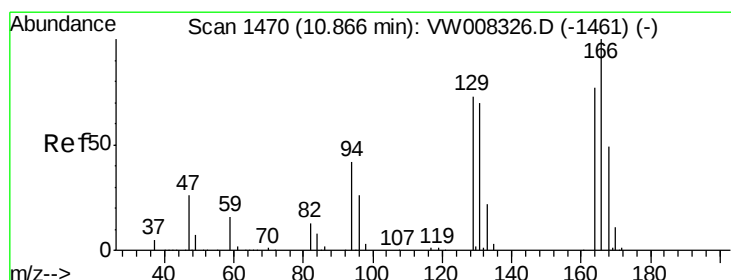
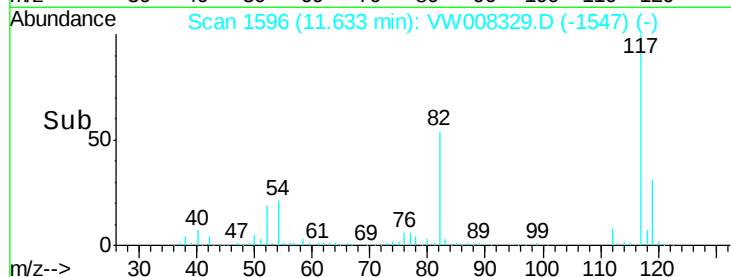
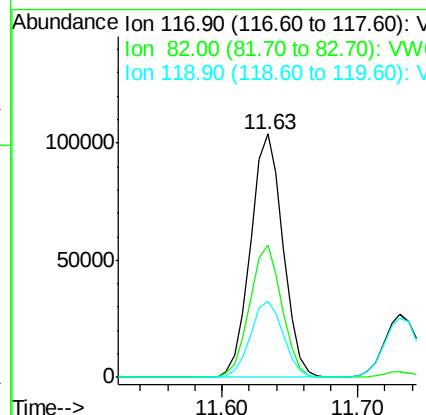
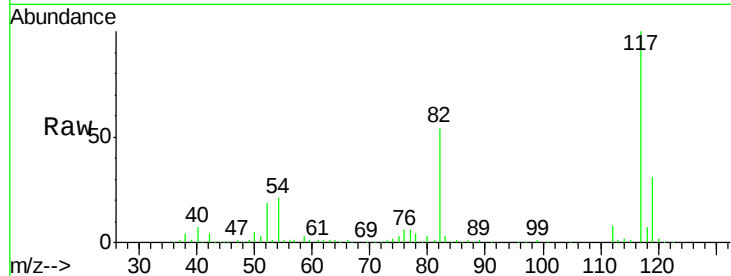
ClientSampleId :

ICVW011719

Tot Ion:	117	Resp:	173629
Ion Ratio	Lower	Upper	
117	100		
82	54.2	44.3	66.5
119	31.4	26.3	39.5

Manual Integrations
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#64

Tetrachloroethene

Concen: 53.194 ug/l

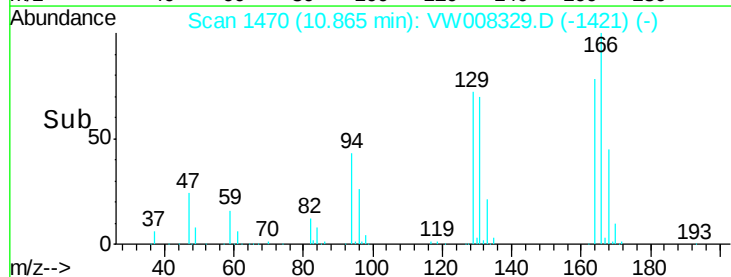
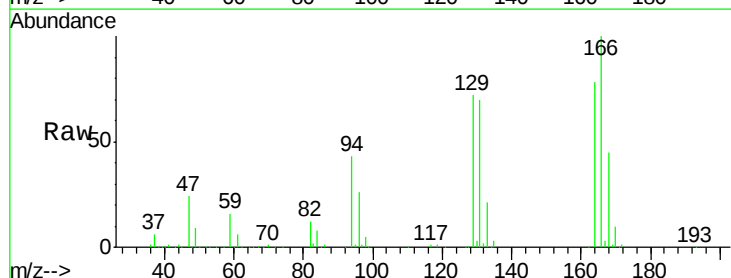
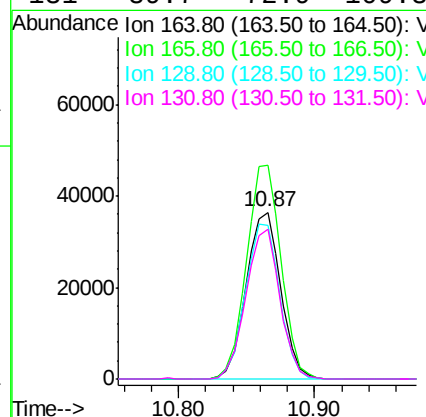
RT: 10.87 min Scan# 1470

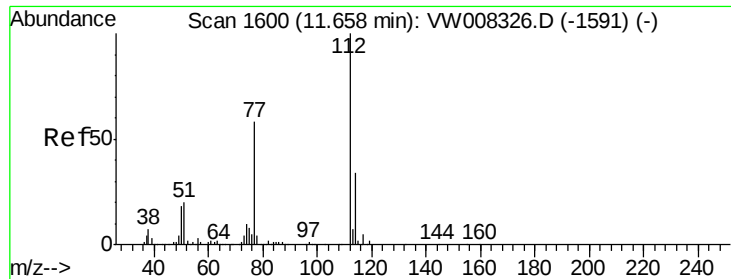
Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Tgt Ion:	164	Resp:	64761
Ion Ratio	Lower	Upper	
164	100		
166	128.1	103.4	155.2
129	92.5	75.0	112.6
131	89.7	72.9	109.3





#65

Chlorobenzene

Concen: 52.060 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampled :

ICVW011719

Tot Ion:112 Resp: 197163

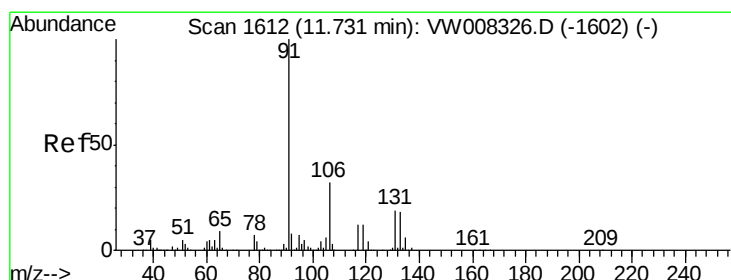
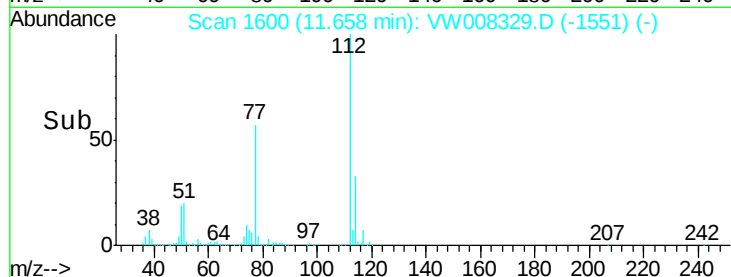
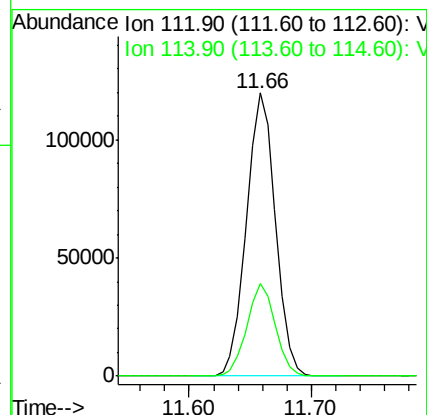
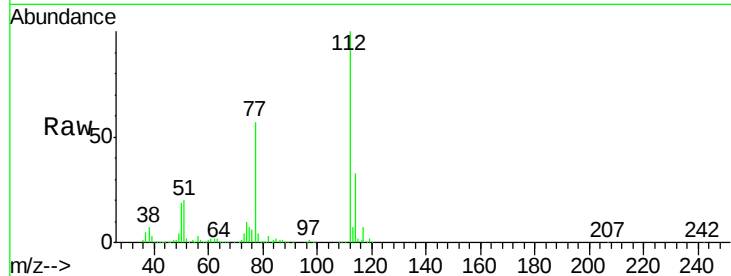
Ion Ratio Lower Upper

112 100

114 32.6 26.9 40.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 52.381 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

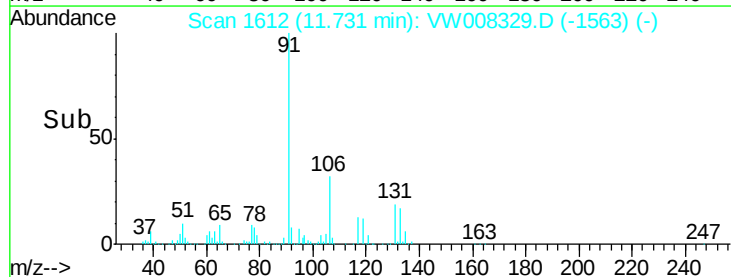
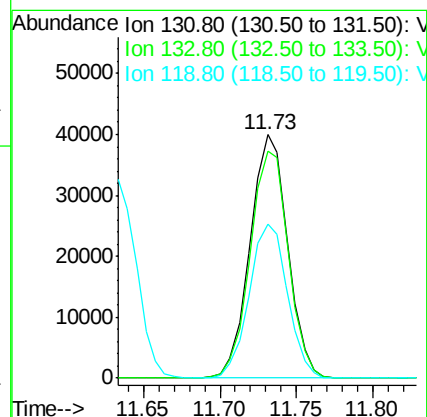
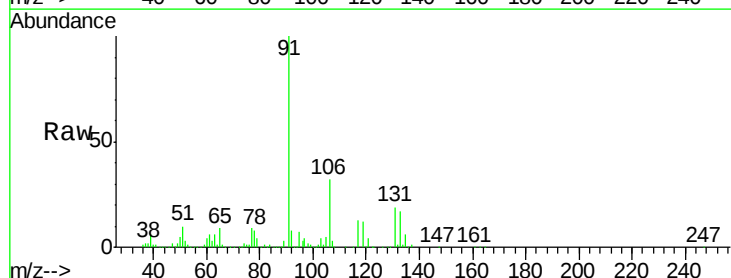
Tgt Ion:131 Resp: 68277

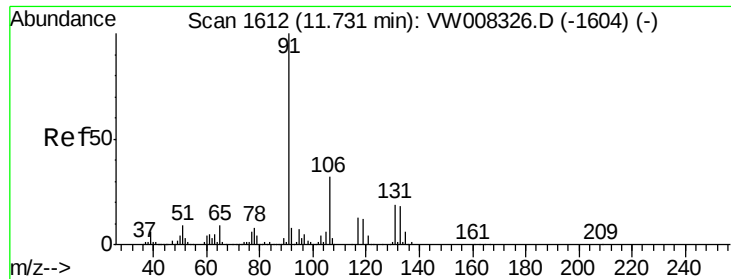
Ion Ratio Lower Upper

131 100

133 94.9 48.2 144.6

119 64.6 31.6 94.7





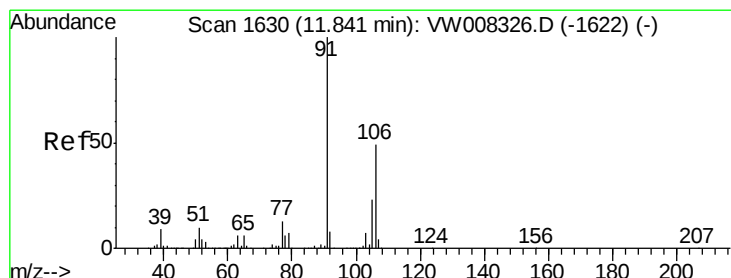
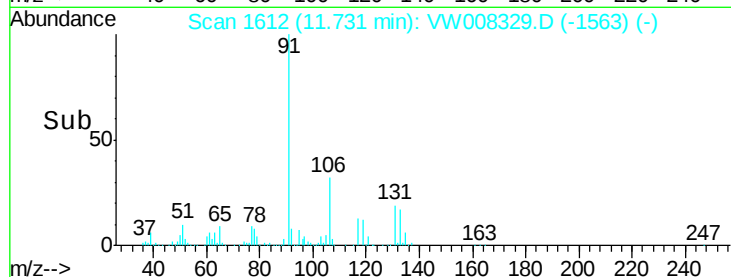
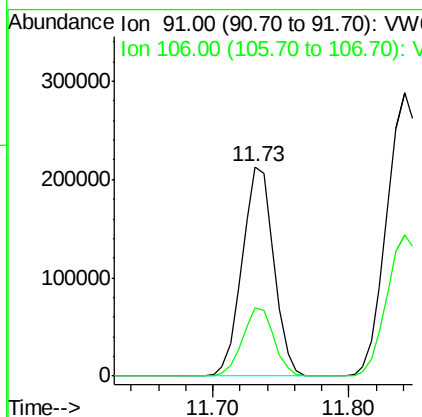
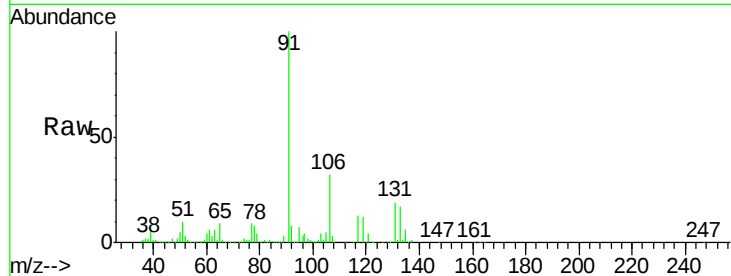
#67
Ethyl Benzene
Concen: 52.572 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion: 91 Resp: 345708
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2

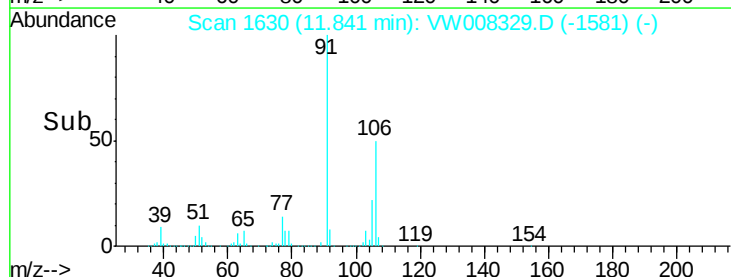
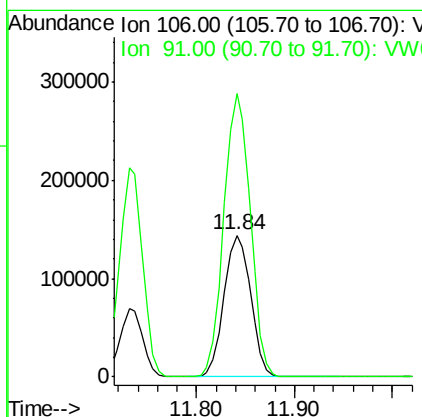
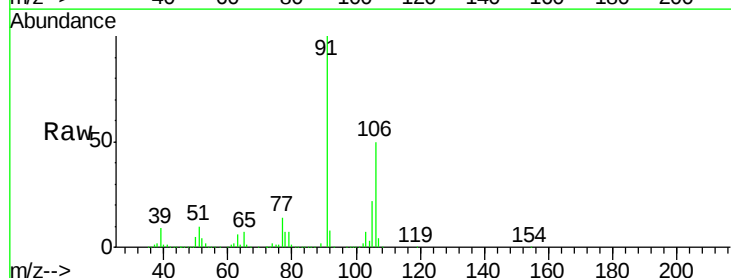
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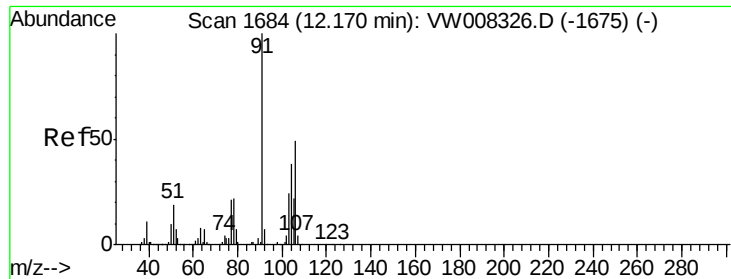
MMDadoda
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#68
m/p-Xylenes
Concen: 106.972 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion: 106 Resp: 273035
Ion Ratio Lower Upper
106 100
91 198.1 158.4 237.6





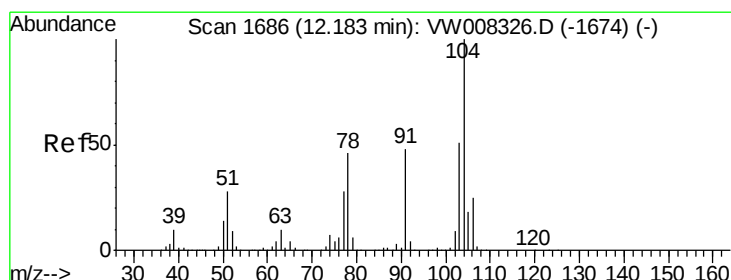
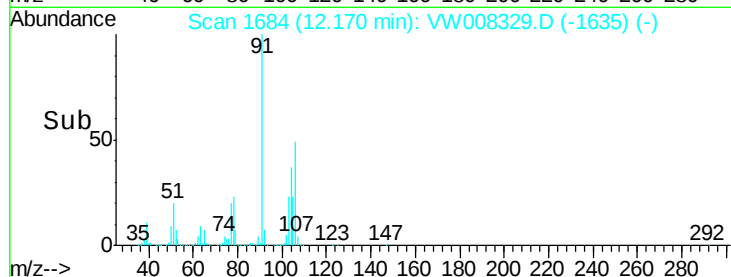
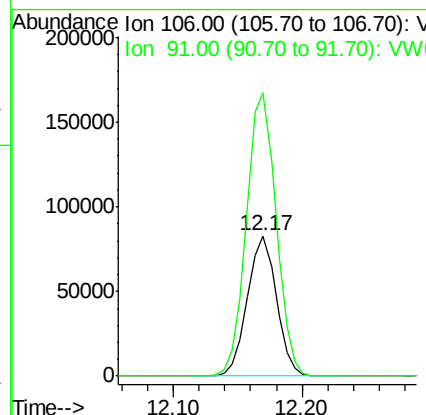
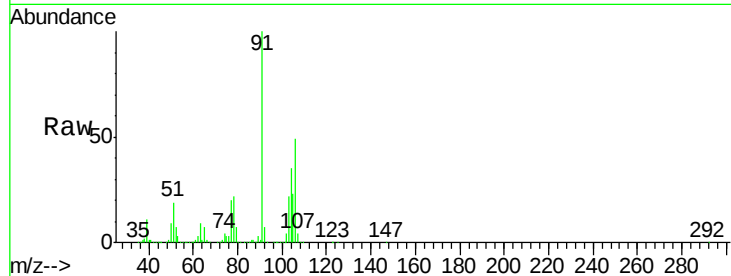
#69
o-Xylene
Concen: 53.974 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	206.2	104.1	312.3	

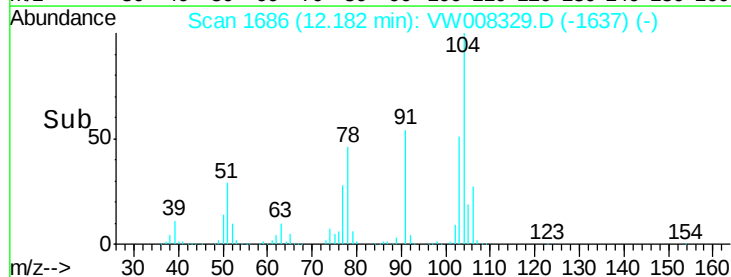
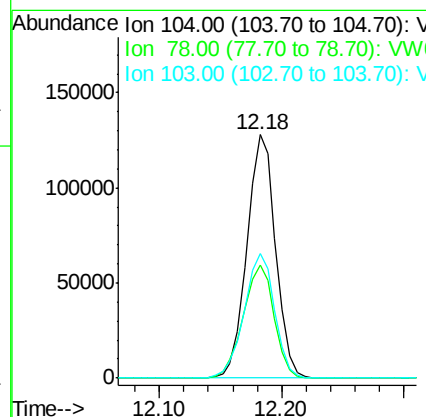
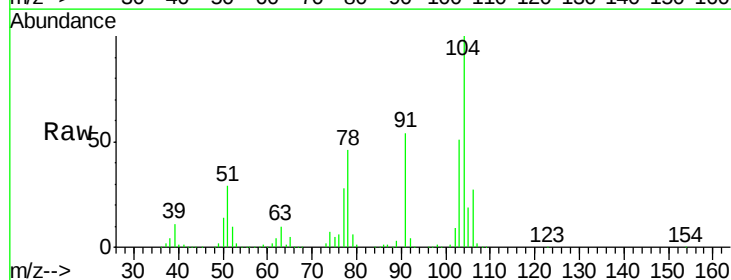
Manual Integrations
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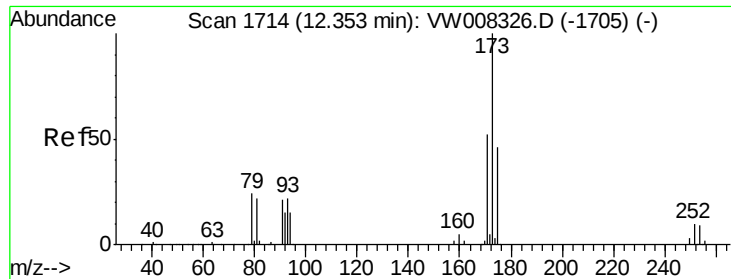
MMDadoda
1/18/2019 2:09:55 PM



#70
Styrene
Concen: 54.154 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.5	39.8	59.6	
103	54.7	44.0	66.0	





#71

Bromoform

Concen: 52.679 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion:173 Resp: 34206

Ion Ratio Lower Upper

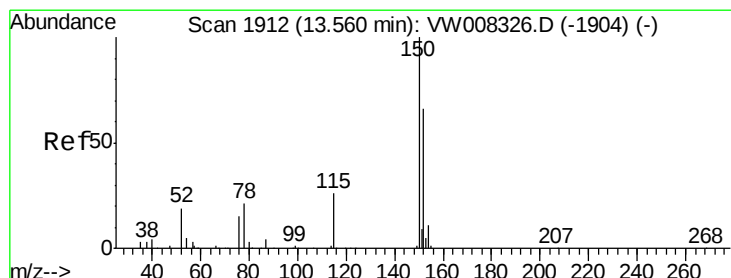
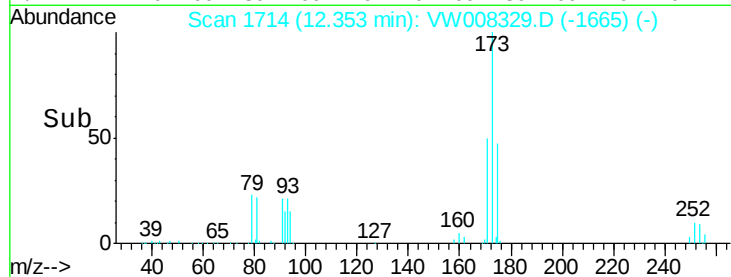
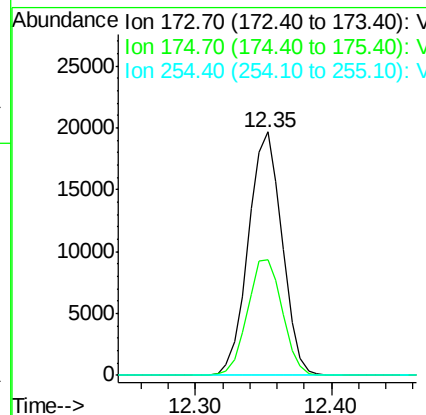
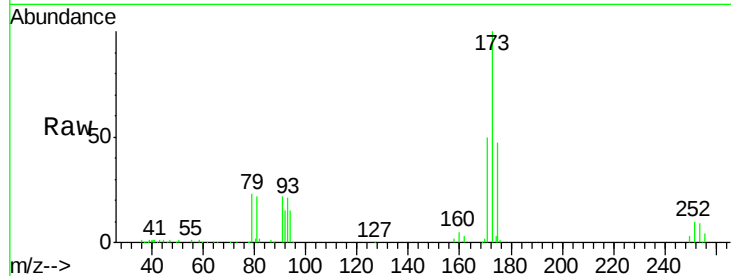
173 100

175 49.3 23.6 70.8

254 0.1 0.2 0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

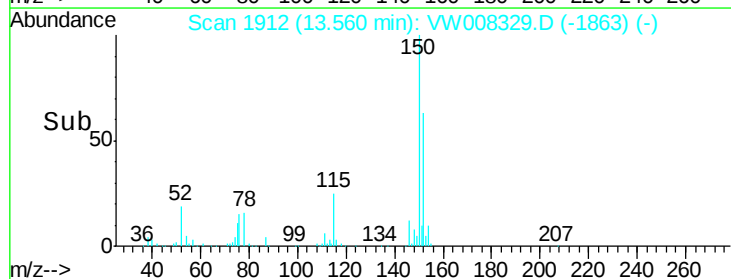
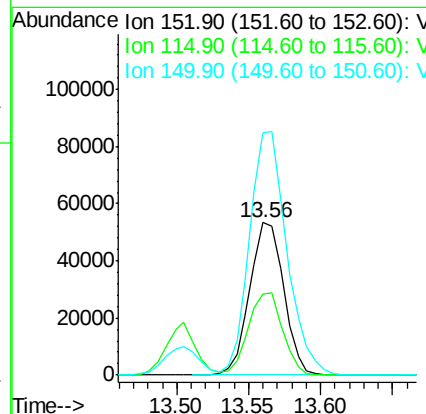
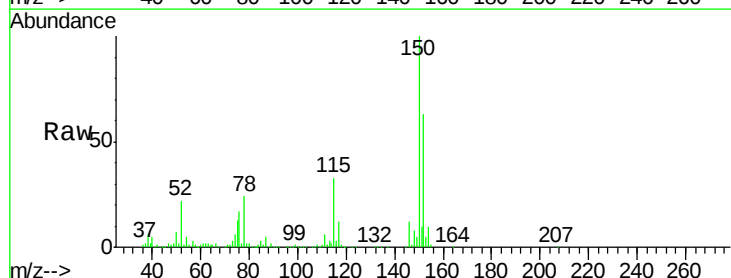
Tgt Ion:152 Resp: 87206

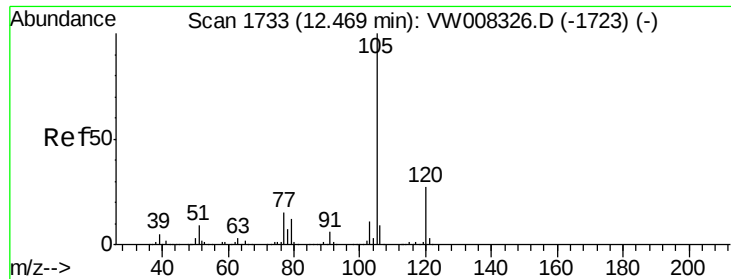
Ion Ratio Lower Upper

152 100

115 54.6 28.8 86.4

150 175.0 0.0 351.4





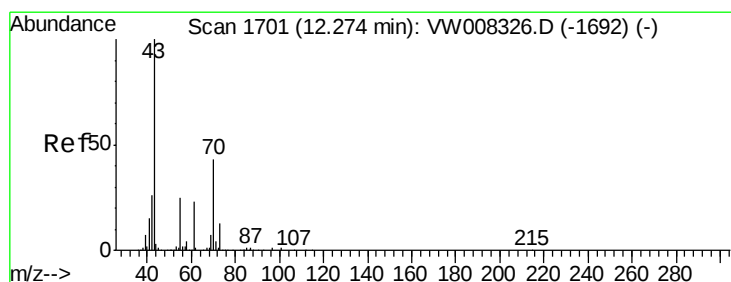
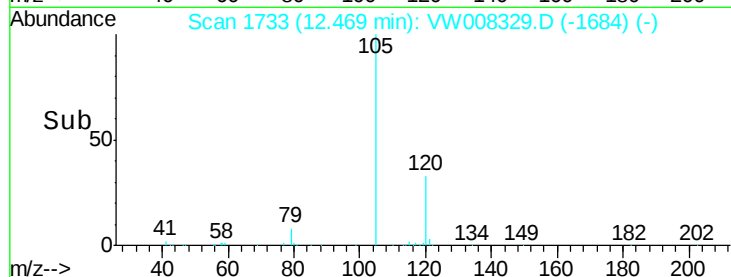
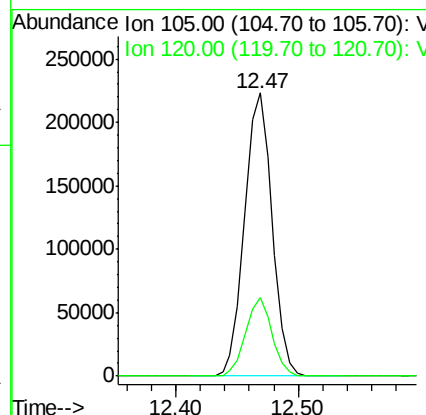
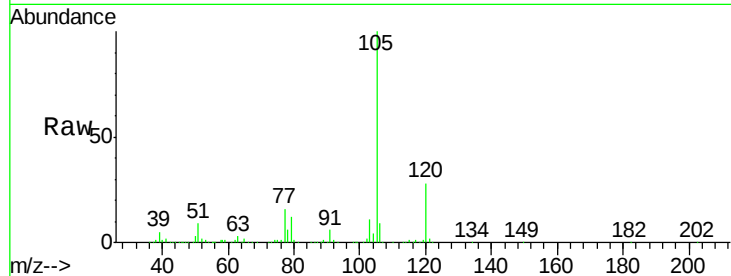
#73
Isopropylbenzene
Concen: 54.744 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.6	40.8

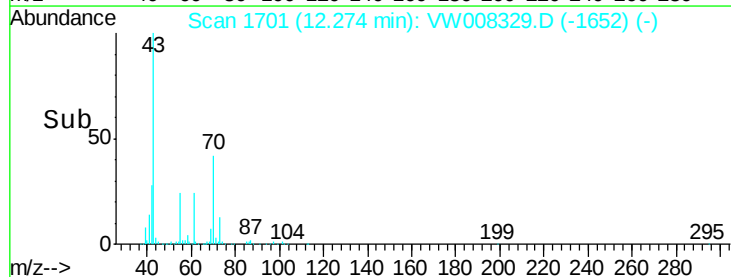
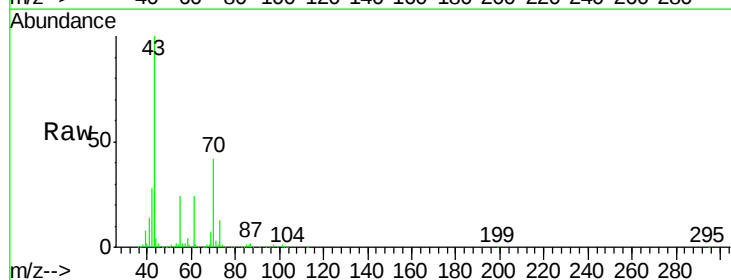
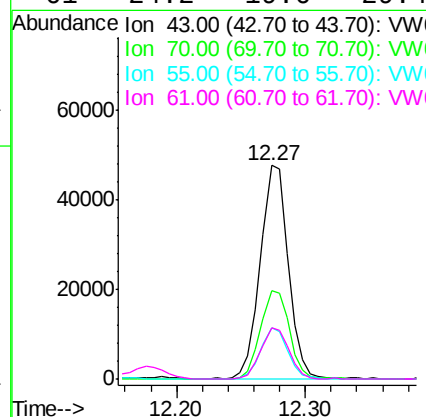
Manual Integrations
APPROVED

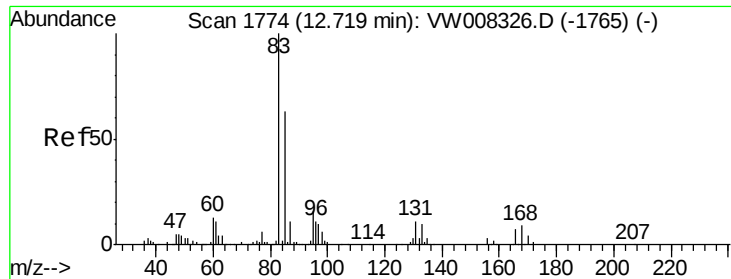
MMDadoda
1/18/2019 2:09:55 PM



#74
N-ethyl acetate
Concen: 52.507 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.2	34.6	52.0
55	23.7	20.0	30.0
61	24.2	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.572 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

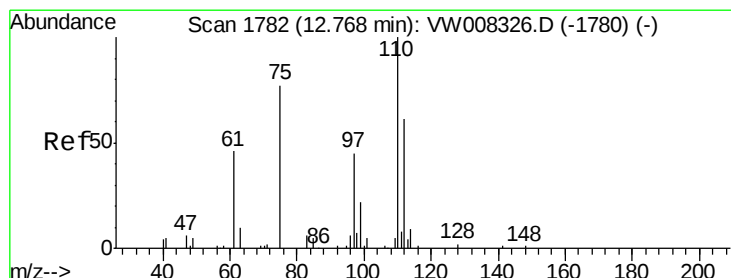
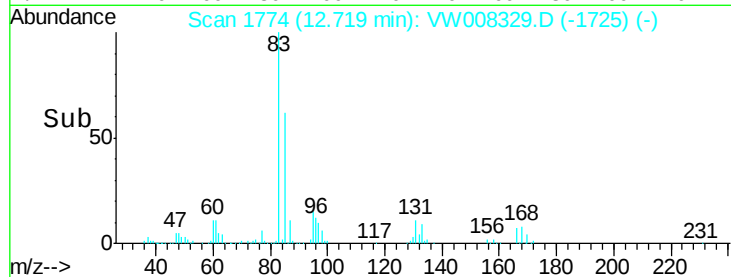
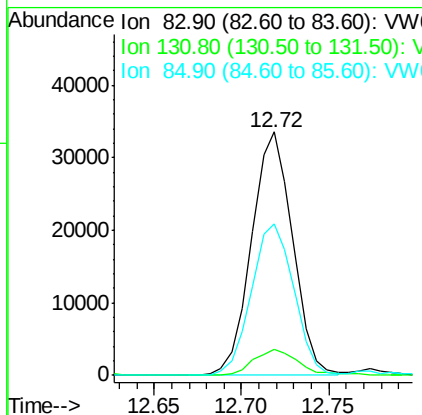
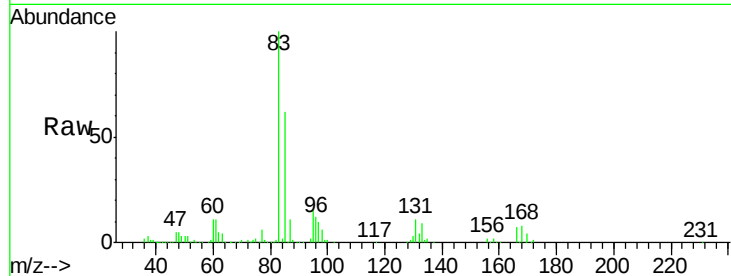
ClientSampleId :

ICVW011719

Tot Ion:	83	Resp:	54657
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.5	16.5
85	64.7	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.597 ug/l m

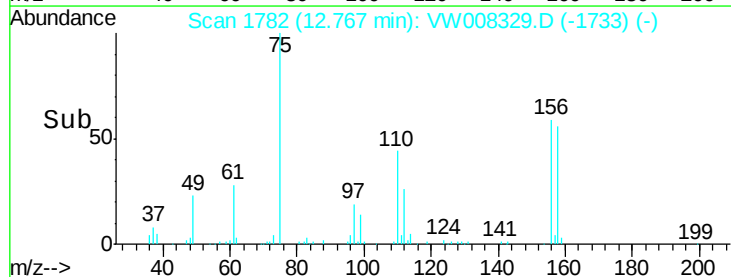
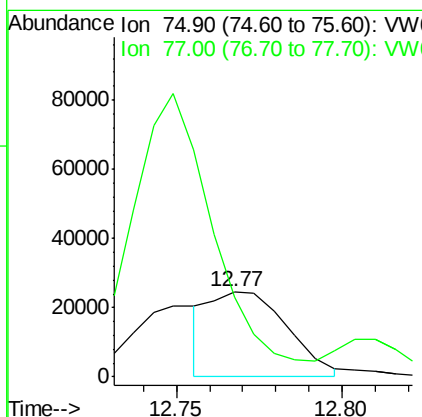
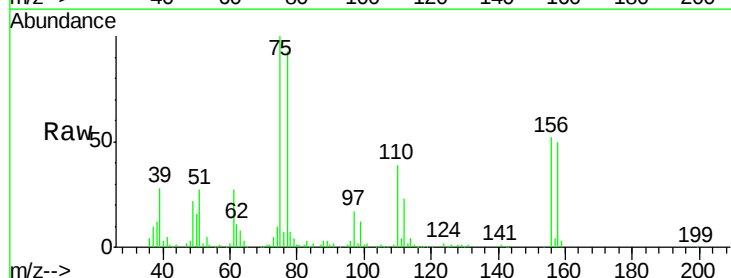
RT: 12.77 min Scan# 1782

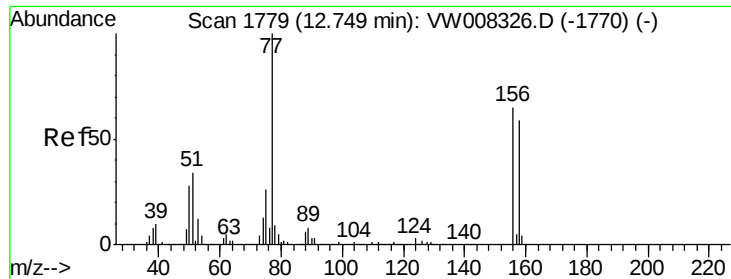
Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Tgt Ion:	75	Resp:	40181
Ion Ratio	Lower	Upper	
75	100		
77	359.3	175.3	526.1





#77

Bromobenzene

Concen: 53.036 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion:156 Resp: 80946

Ion Ratio Lower Upper

156 100

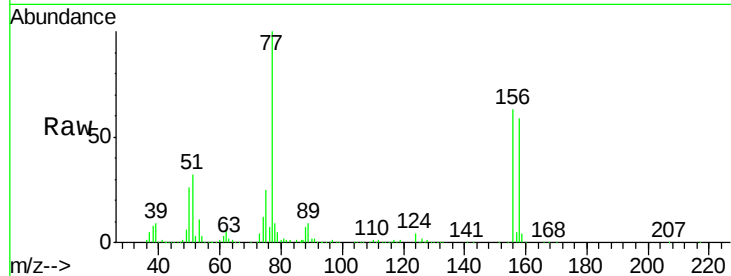
77 178.3 88.3 264.9

158 96.4 47.6 142.8

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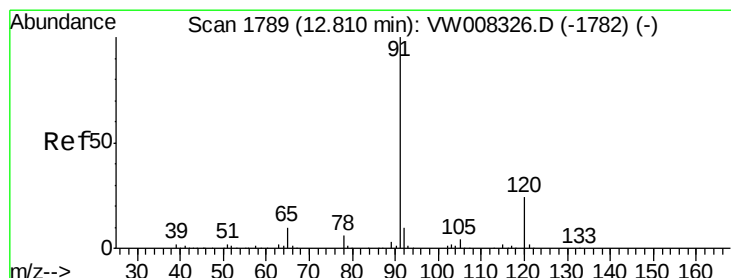
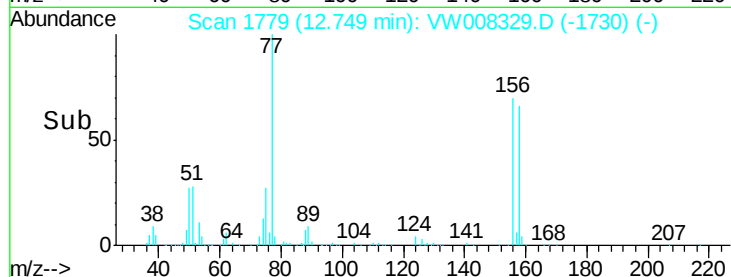
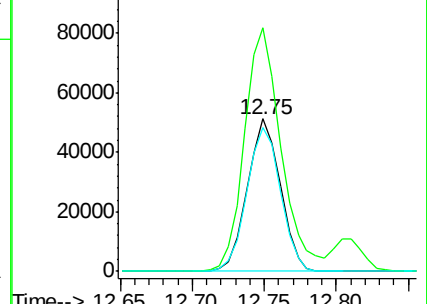
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.792 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008329.D

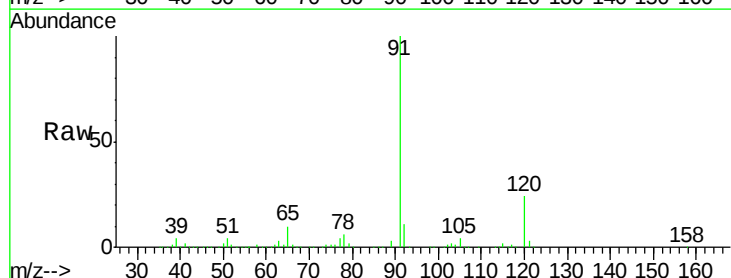
Acq: 17 Jan 2019 15:22

Tgt Ion: 91 Resp: 413704

Ion Ratio Lower Upper

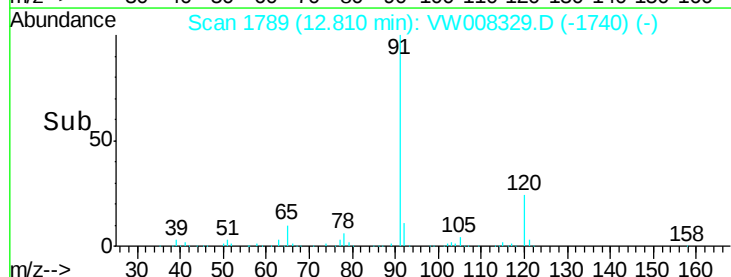
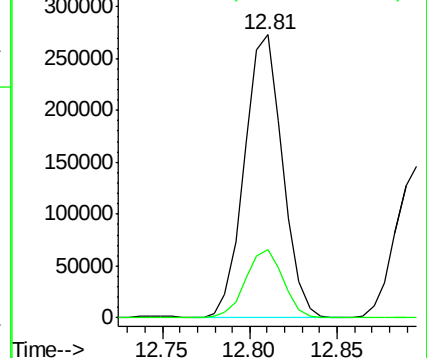
91 100

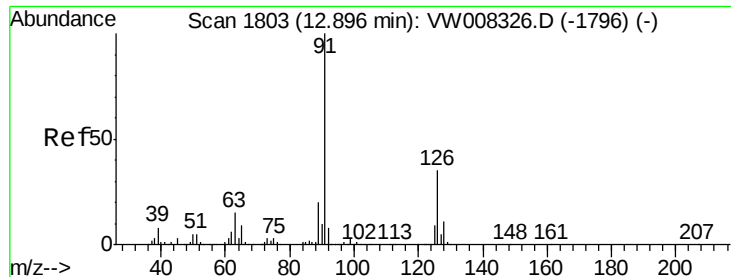
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.858 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion: 91 Resp: 232269

Ion Ratio Lower Upper

91 100

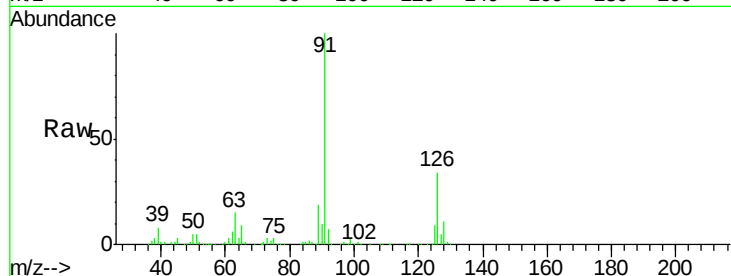
126 35.2 17.5 52.6

Manual Integrations

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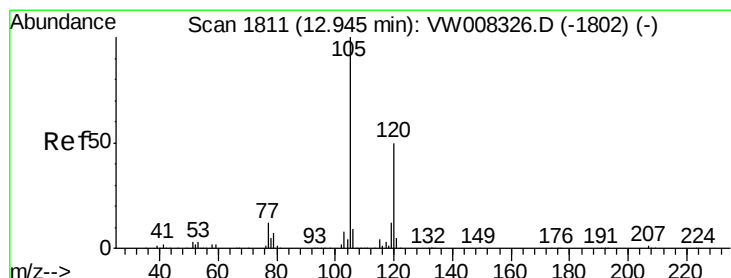
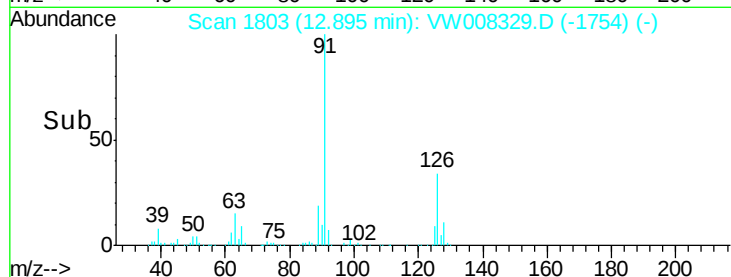
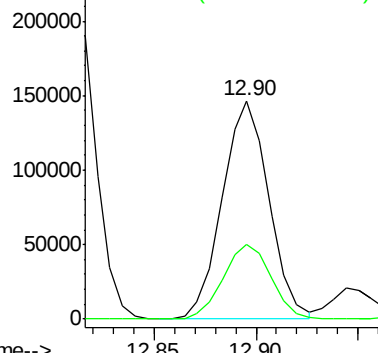
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.772 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008329.D

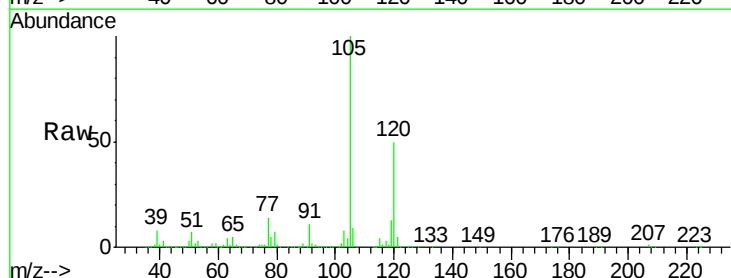
Acq: 17 Jan 2019 15:22

Tgt Ion:105 Resp: 285114

Ion Ratio Lower Upper

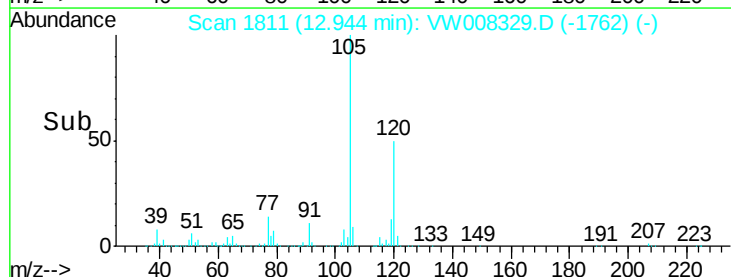
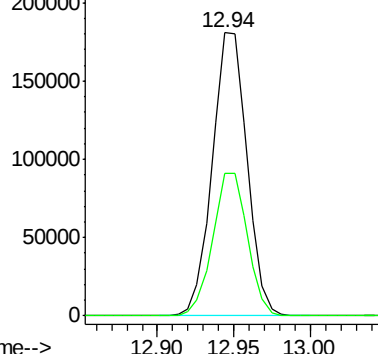
105 100

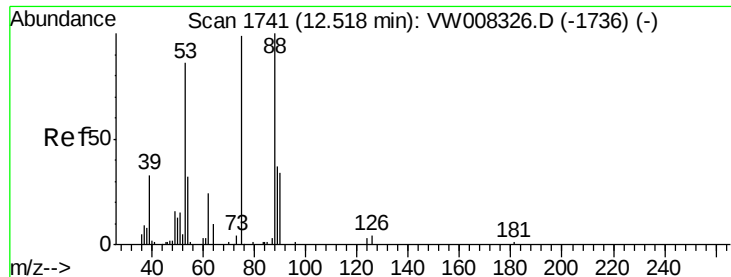
120 50.4 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





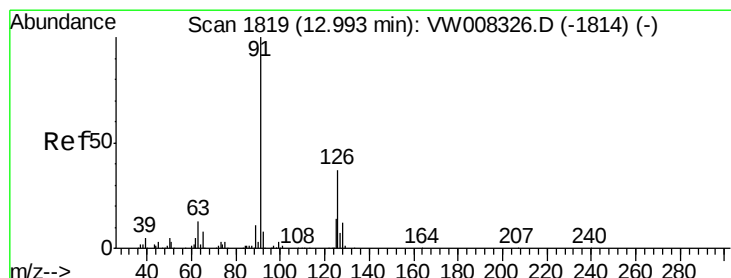
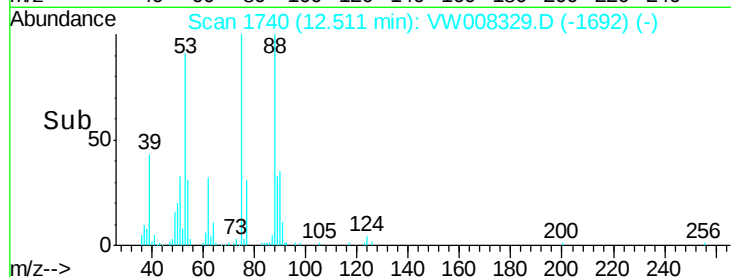
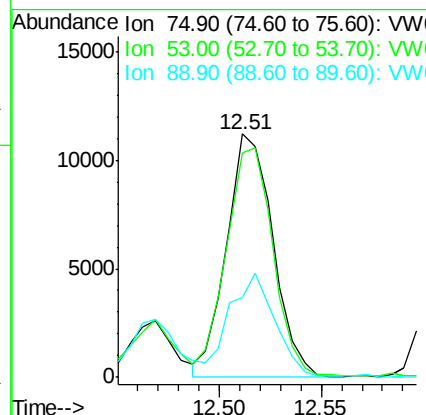
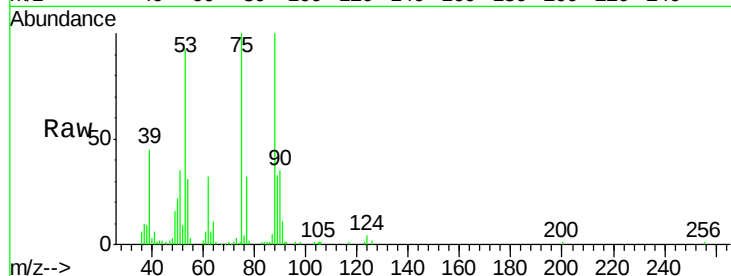
#81
trans-1,4-Dichloro-2-butene
Concen: 53.138 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.8	76.2	114.4
89	40.8	36.7	55.1

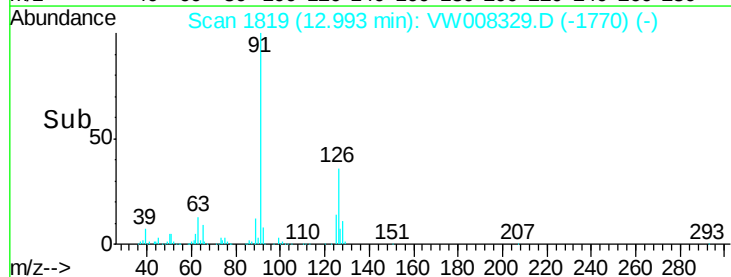
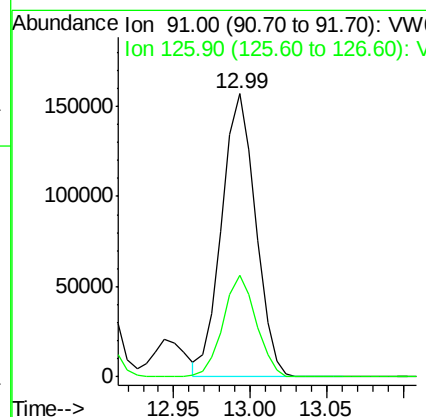
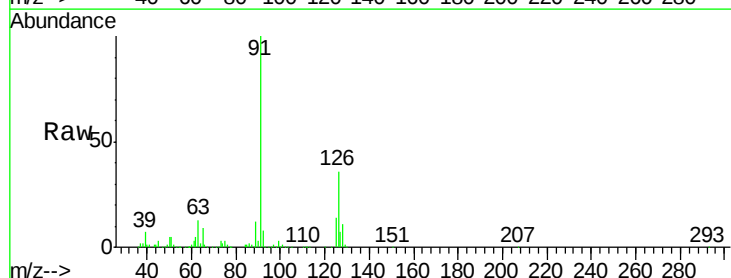
Manual Integrations
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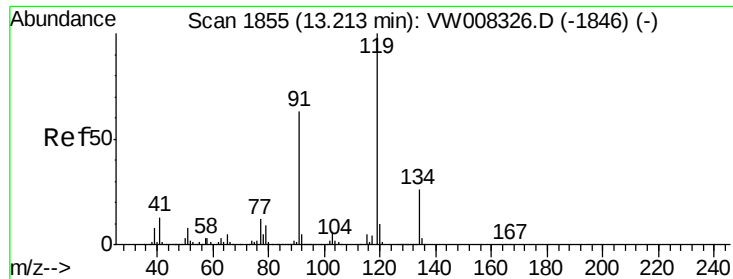
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.615 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.8	53.3





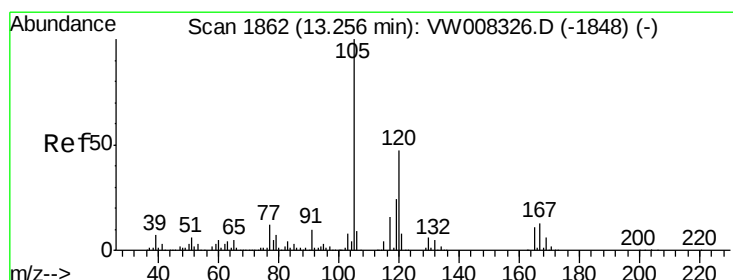
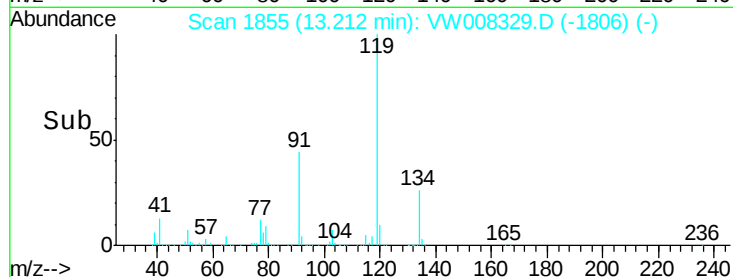
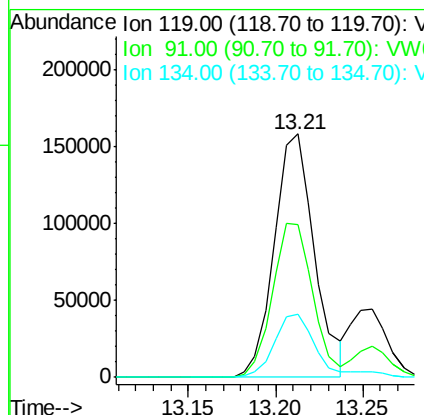
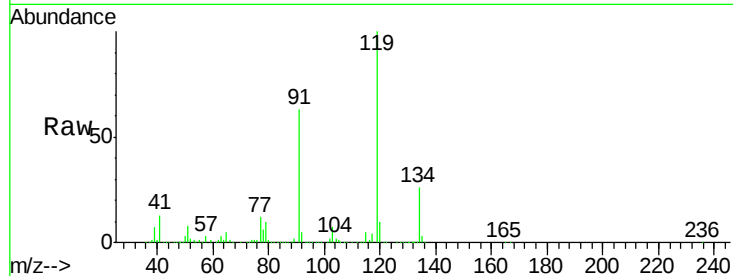
#83
tert-Butylbenzene
Concen: 54.531 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	32.4	97.0
134	27.6	13.9	41.7

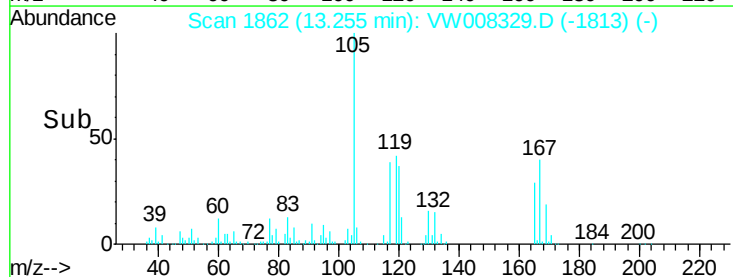
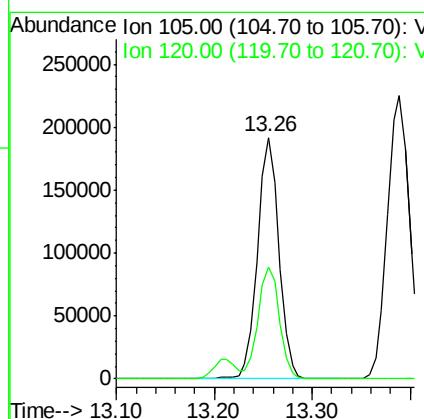
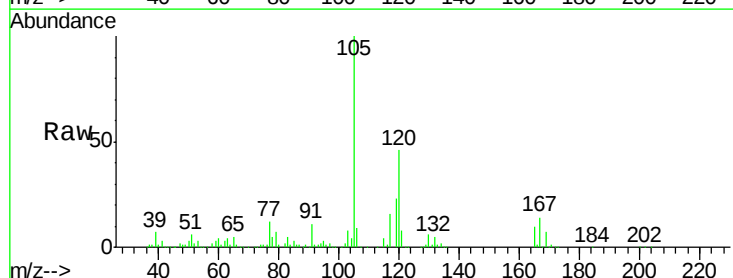
Manual Integrations
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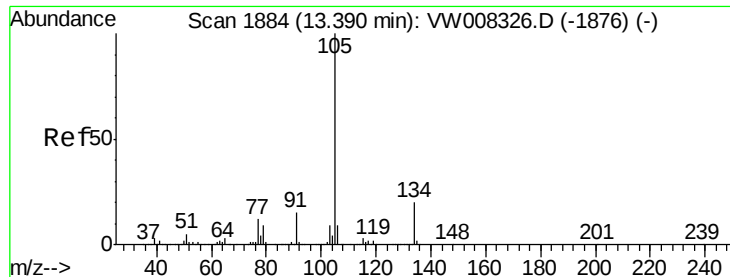
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#84
1,2,4-Trimethylbenzene
Concen: 53.764 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.5	70.6





#85

sec-Butylbenzene

Concen: 52.707 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

Tot Ion:105 Resp: 353165

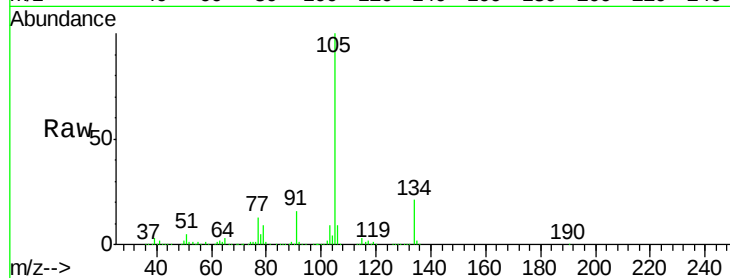
Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.3

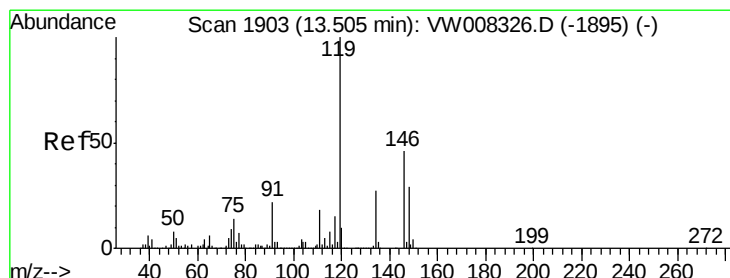
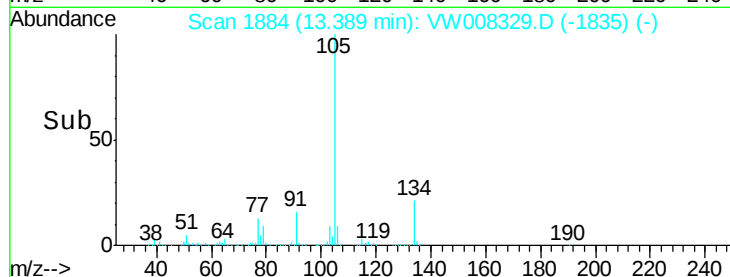
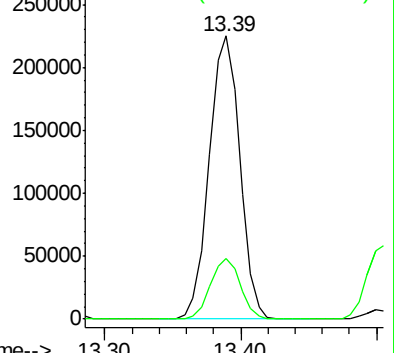
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.837 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

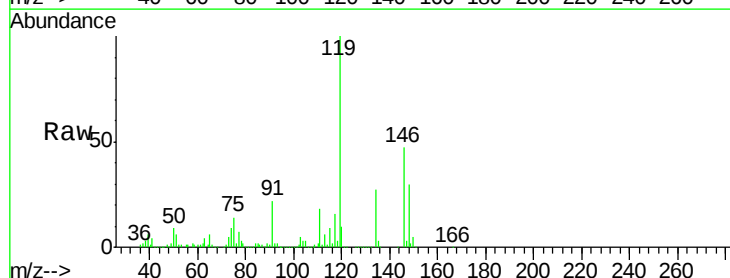
Tgt Ion:119 Resp: 315069

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

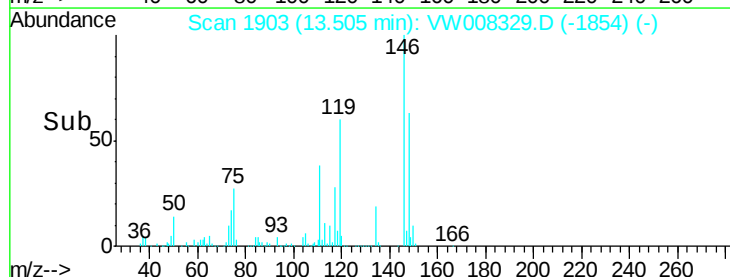
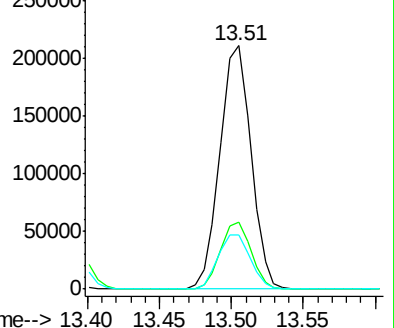
91 23.2 11.4 34.2

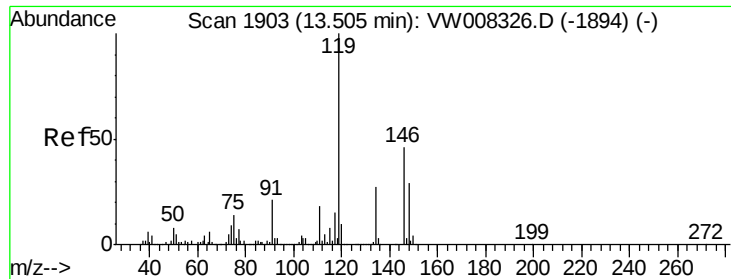


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





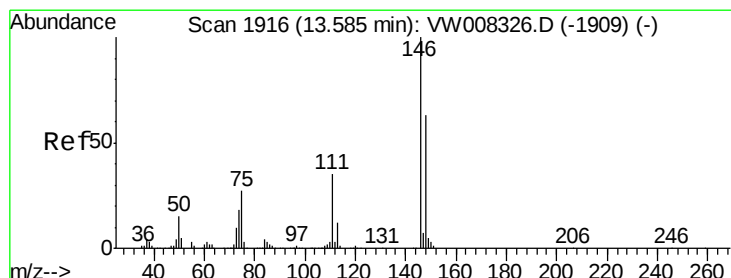
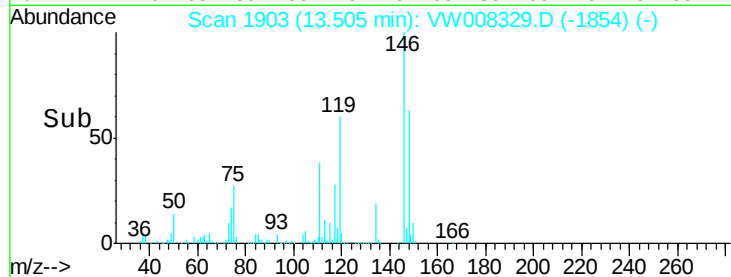
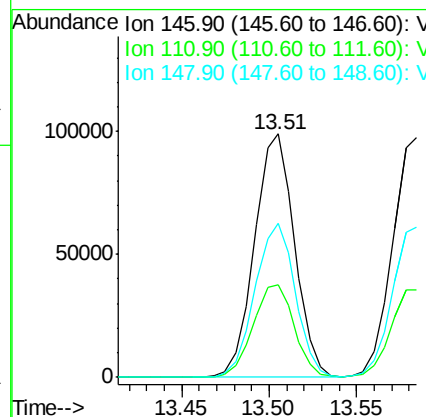
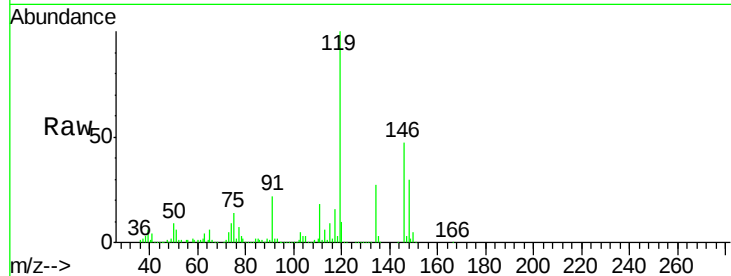
#87
 1,3-Dichlorobenzene
 Concen: 52.140 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

Tot Ion	Ratio	Resp	Lower	Upper
146	100	158112		
111	39.4	19.9	59.7	
148	64.0	31.4	94.3	

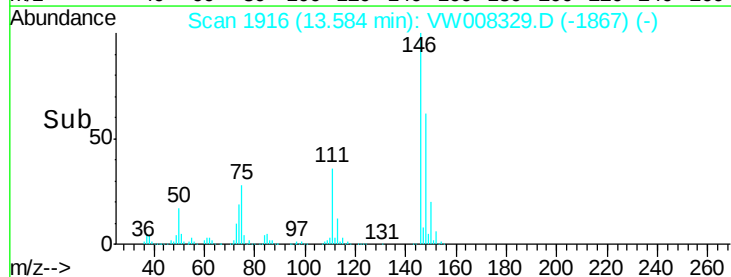
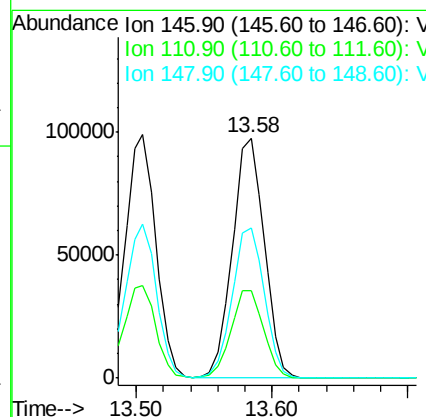
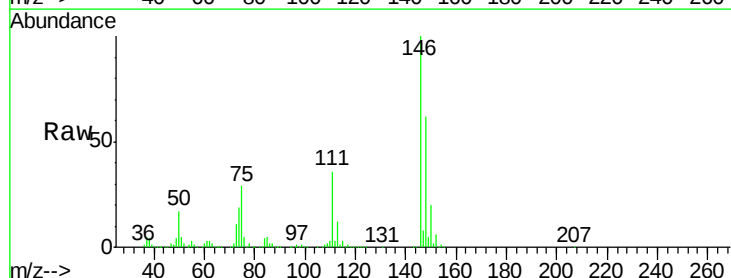
Manual Integrations
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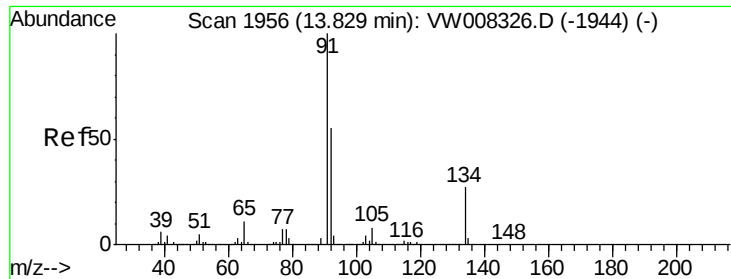
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 1/18/2019 2:09:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.473 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	159419		
111	37.3	18.9	56.5	
148	62.9	31.6	94.8	





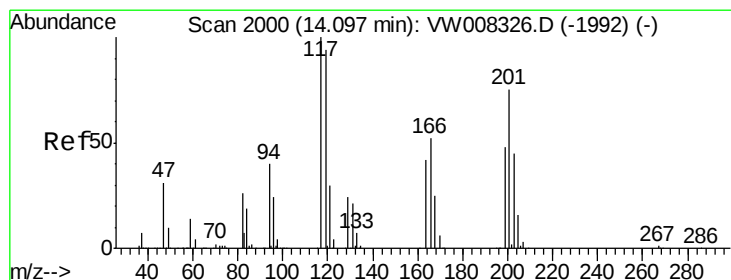
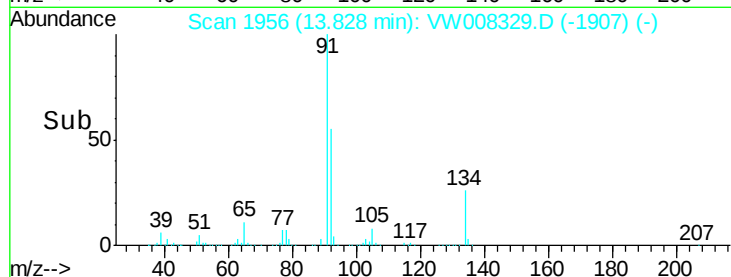
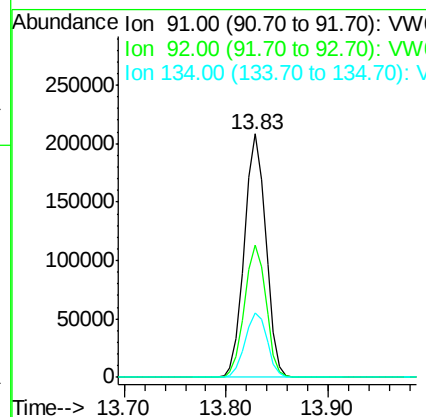
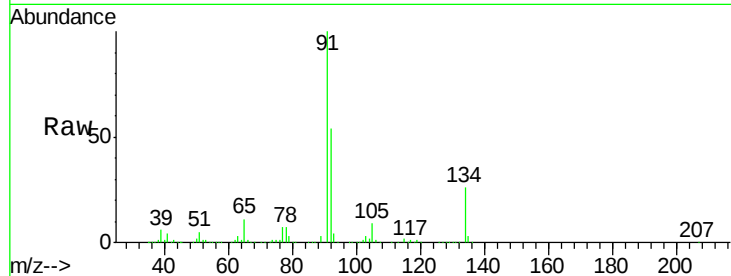
#89
n-Butylbenzene
Concen: 54.130 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.5	27.2	81.6	
134	27.2	13.4	40.1	

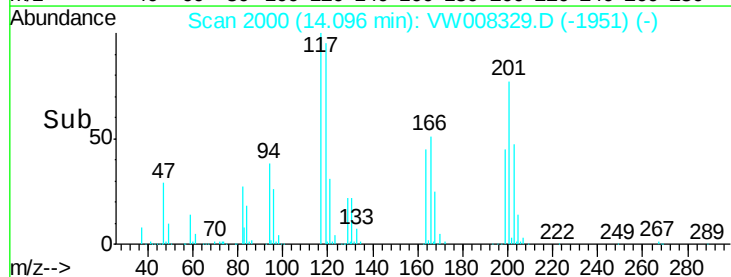
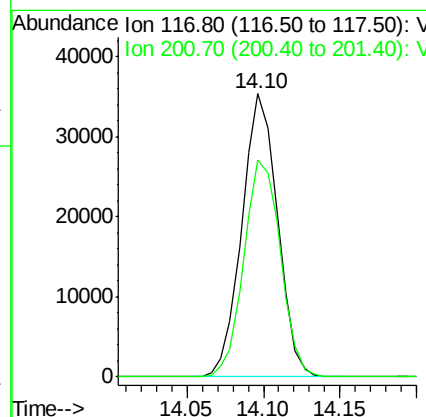
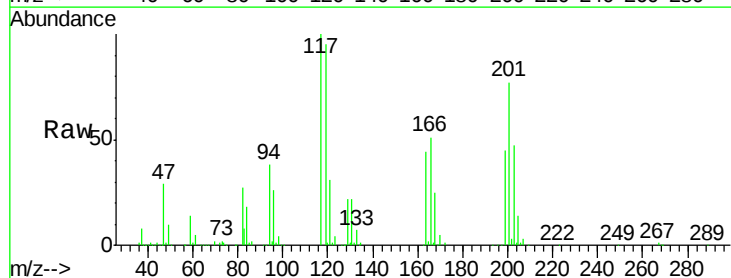
Manual Integrations
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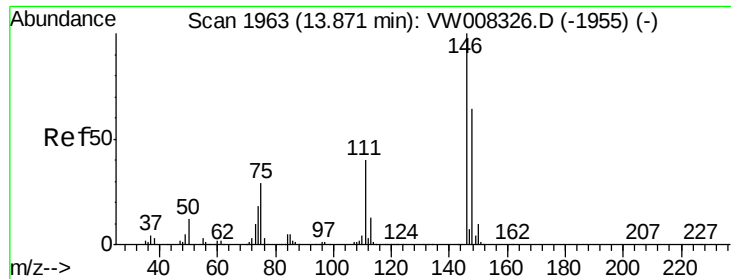
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#90
Hexachloroethane
Concen: 52.826 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	78.4	39.3	117.9	





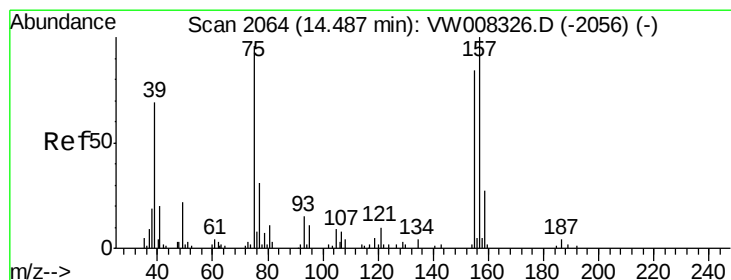
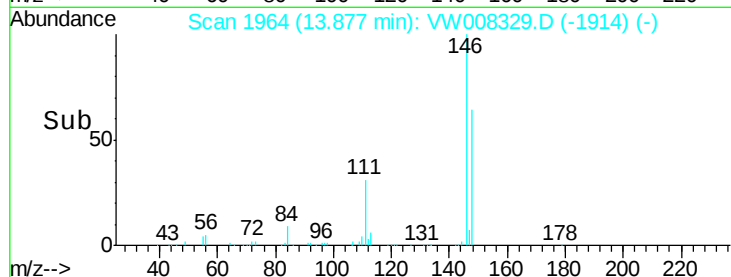
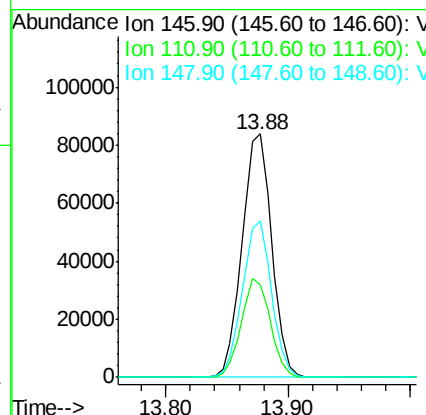
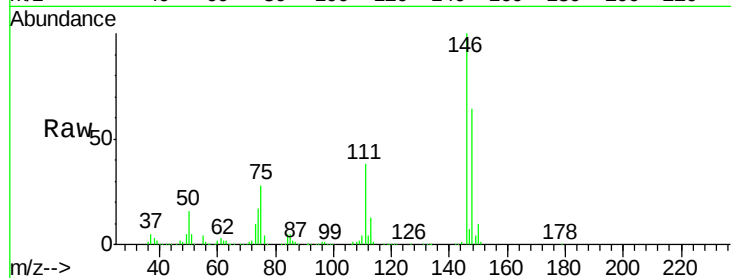
#91
 1,2-Dichlorobenzene
 Concen: 52.561 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.8
148	63.0	31.7	95.1

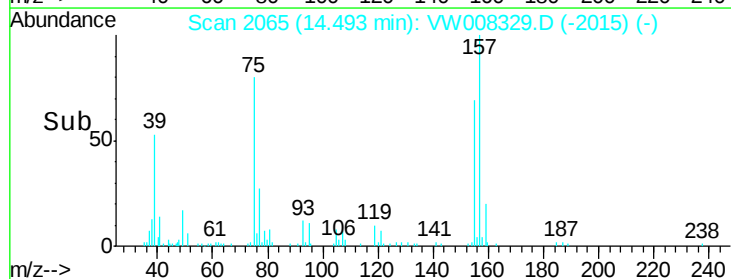
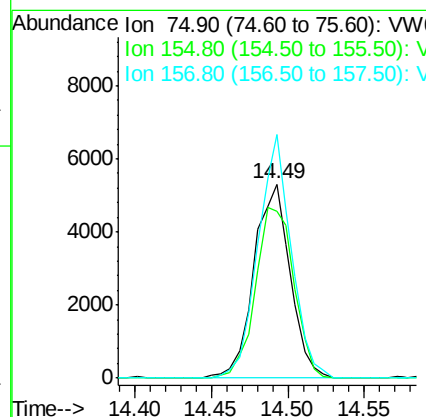
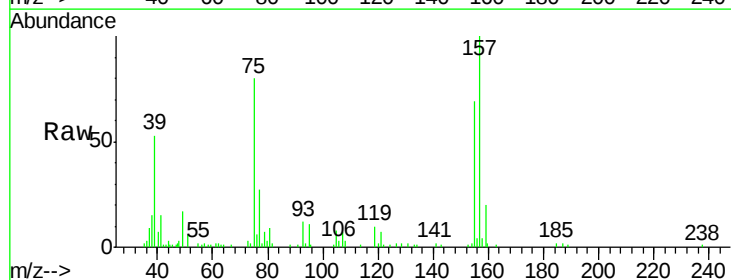
Manual Integrations
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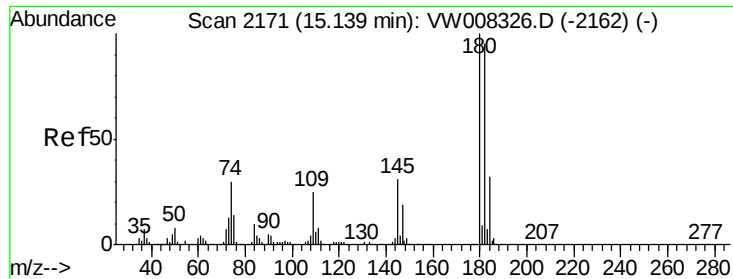
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.608 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	44.7	134.1
157	115.3	53.9	161.8





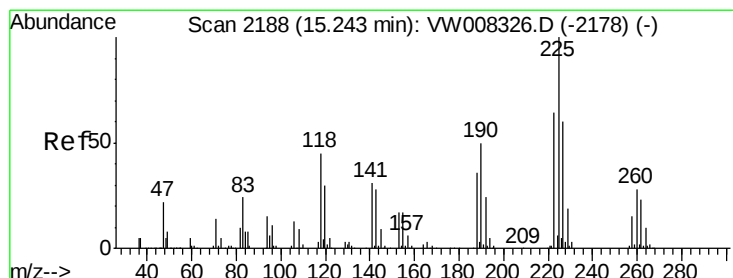
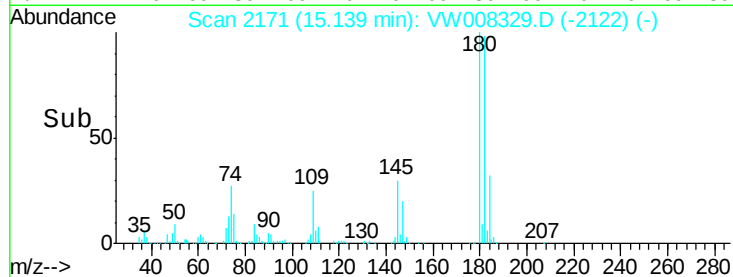
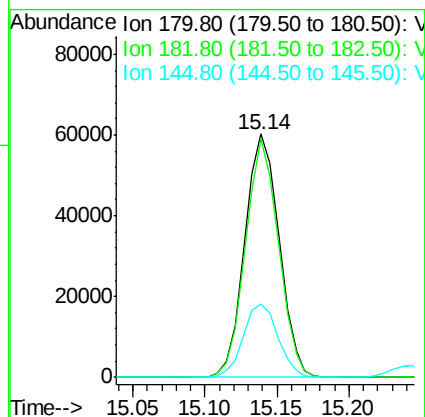
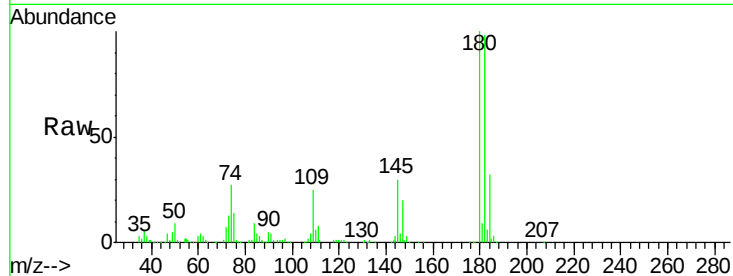
#93
 1,2,4-Trichlorobenzene
 Concen: 54.970 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

Tot Ion	Ratio	Resp	Lower	Upper
180	100	99628		
182	94.1	47.6	142.8	
145	30.5	14.8	44.4	

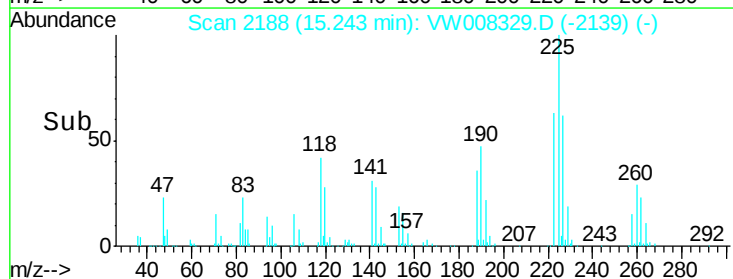
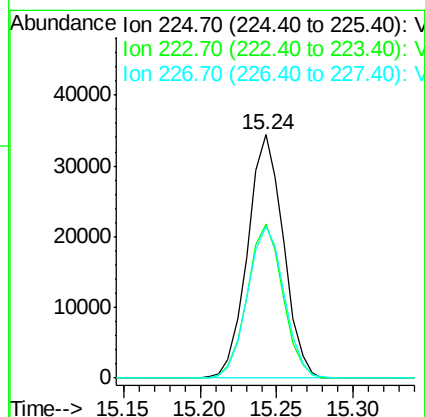
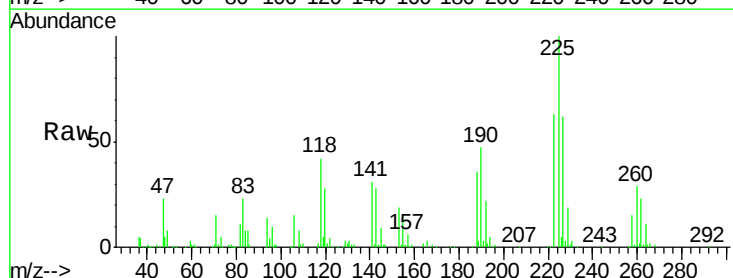
Manual Integrations
 APPROVED

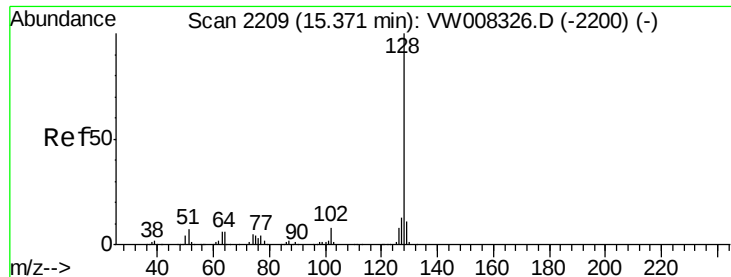
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#94
 Hexachlorobutadiene
 Concen: 54.706 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55879		
223	63.0	31.1	93.3	
227	63.9	30.3	90.8	





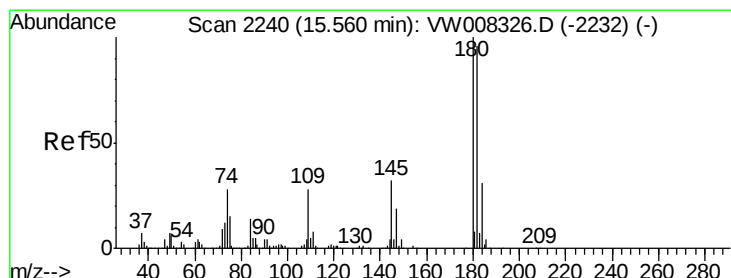
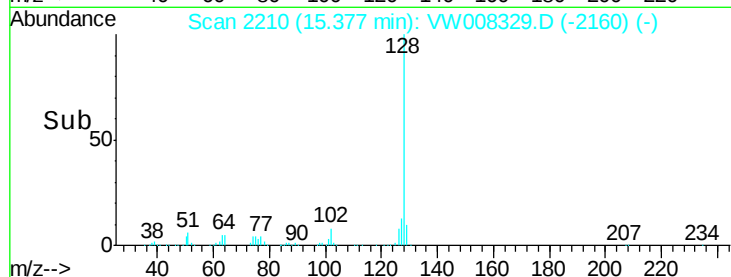
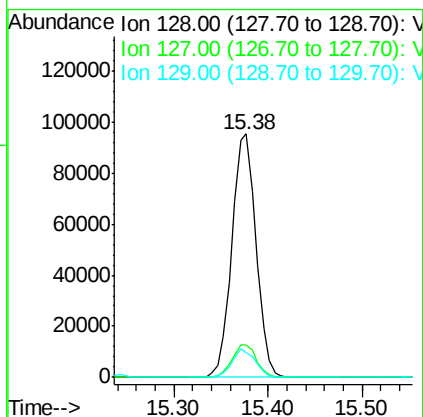
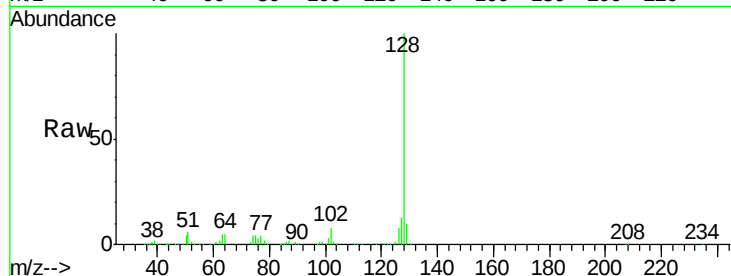
#95
Naphthalene
Concen: 50.599 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	11.3	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.998 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	141.9
145	32.3	16.2	48.6

