

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008325.D
 Acq On : 17 Jan 2019 13:39
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 2:09:33 PM

Quant Time: Jan 18 00:40:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:24:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	105120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	172437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	161149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	21256	19.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.88%	
35) Dibromofluoromethane	7.88	113	20951	19.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.06%	
50) Toluene-d8	10.32	98	82415	19.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.12%	
62) 4-Bromofluorobenzene	12.62	95	29581	19.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	12991	19.613	ug/l	87
3) Chloromethane	2.21	50	17761	18.292	ug/l	95
4) Vinyl Chloride	2.36	62	24383	19.654	ug/l	90
5) Bromomethane	2.78	94	17979	19.123	ug/l	97
6) Chloroethane	2.92	64	15831	19.496	ug/l	98
7) Trichlorofluoromethane	3.26	101	16518	18.134	ug/l	97
8) Diethyl Ether	3.67	74	12285	19.449	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.05	101	20732	19.549	ug/l	95
10) Methyl Iodide	4.26	142	32084	18.758	ug/l	99
11) Tert butyl alcohol	5.18	59	7600	100.544	ug/l	94
12) 1,1-Dichloroethene	4.03	96	20674	19.167	ug/l	97
13) Acrolein	3.88	56	4865	74.930	ug/l	99
14) Allyl chloride	4.66	41	33282	18.457	ug/l	98
15) Acrylonitrile	5.36	53	23481	96.772	ug/l	97
16) Acetone	4.12	43	24128	95.012	ug/l	96
17) Carbon Disulfide	4.37	76	58917	17.951	ug/l	100
18) Methyl Acetate	4.67	43	13764	20.290	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	32695	19.802	ug/l	98
20) Methylene Chloride	4.90	84	24873	18.445	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	22658	18.703	ug/l	94
22) Diisopropyl ether	6.31	45	69067	19.619	ug/l	95
23) Vinyl Acetate	6.26	43	184975	98.296	ug/l	100
24) 1,1-Dichloroethane	6.21	63	42142	19.660	ug/l	99
25) 2-Butanone	7.17	43	31631	97.249	ug/l	95
26) 2,2-Dichloropropane	7.16	77	26492	19.367	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	25781	19.642	ug/l	99
28) Bromochloromethane	7.51	49	16590	18.786	ug/l #	96
29) Tetrahydrofuran	7.52	42	20422	100.715	ug/l	98
30) Chloroform	7.67	83	41369	19.506	ug/l	97
31) Cyclohexane	7.95	56	36856	18.046	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	35158	19.753	ug/l	97
36) 1,1-Dichloropropene	8.08	75	32586	18.783	ug/l	99
37) Ethyl Acetate	7.26	43	14242	19.907	ug/l	97
38) Carbon Tetrachloride	8.06	117	32604	19.032	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	38286	18.553	ug/l	95
40) Benzene	8.32	78	95404	19.413	ug/l	99
41) Methacrylonitrile	7.48	41	7713	18.520	ug/l	94
42) 1,2-Dichloroethane	8.40	62	26649	19.393	ug/l	98
43) Isopropyl Acetate	8.43	43	25516	18.882	ug/l	95
44) Trichloroethene	9.09	130	25674	19.069	ug/l	96
45) 1,2-Dichloropropane	9.37	63	23759	19.463	ug/l	98
46) Dibromomethane	9.46	93	12608	19.817	ug/l	95
47) Bromodichloromethane	9.65	83	31070	19.798	ug/l	93
48) Methyl methacrylate	9.43	41	11845	18.619	ug/l	91
49) 1,4-Dioxane	9.45	88	3990	389.575	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	65510	95.736	ug/l	100
52) Toluene	10.39	92	60394	19.419	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	30084	19.207	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	35337	19.138	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	17697	20.055	ug/l	97
56) Ethyl methacrylate	10.65	69	19889	19.191	ug/l	96
57) 1,3-Dichloropropane	10.93	76	30207	19.715	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	49785	99.592	ug/l	99
59) 2-Hexanone	10.97	43	47055	98.144	ug/l	99
60) Dibromochloromethane	11.13	129	20136	19.119	ug/l	99
61) 1,2-Dibromoethane	11.24	107	16819	19.683	ug/l	100
64) Tetrachloroethene	10.86	164	21438	18.973	ug/l	97
65) Chlorobenzene	11.66	112	67791	19.286	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	23221	19.194	ug/l	98
67) Ethyl Benzene	11.73	91	114743	18.800	ug/l	100
68) m/p-Xylenes	11.84	106	90510	38.207	ug/l	97
69) o-Xylene	12.16	106	42434	19.173	ug/l	100
70) Styrene	12.18	104	69256	19.481	ug/l	100
71) Bromoform	12.35	173	11627	19.293	ug/l #	97
73) Isopropylbenzene	12.47	105	113985	18.657	ug/l	99
74) N-amyl acetate	12.27	43	24633	18.814	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	19602	18.863	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	14651m	17.974	ug/l	
77) Bromobenzene	12.75	156	27448	18.704	ug/l	98
78) n-propylbenzene	12.81	91	138609	18.744	ug/l	100
79) 2-Chlorotoluene	12.90	91	80395	19.028	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	97733	19.170	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	6047	18.899	ug/l	99
82) 4-Chlorotoluene	12.99	91	84283	19.090	ug/l	99
83) tert-Butylbenzene	13.21	119	84016	18.723	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	97468	18.767	ug/l	99
85) sec-Butylbenzene	13.39	105	123585	19.182	ug/l	99
86) p-Isopropyltoluene	13.51	119	108464	19.275	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	55136	18.910	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	54680	18.718	ug/l	96
89) n-Butylbenzene	13.83	91	103180	19.116	ug/l	98
90) Hexachloroethane	14.10	117	18917	18.166	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	48565	18.865	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3192	18.785	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:24:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33732	19.356	ug/l	100
94) Hexachlorobutadiene	15.24	225	18398	18.733	ug/l	98
95) Naphthalene	15.38	128	55201	18.956	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	28399	18.709	ug/l	99

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

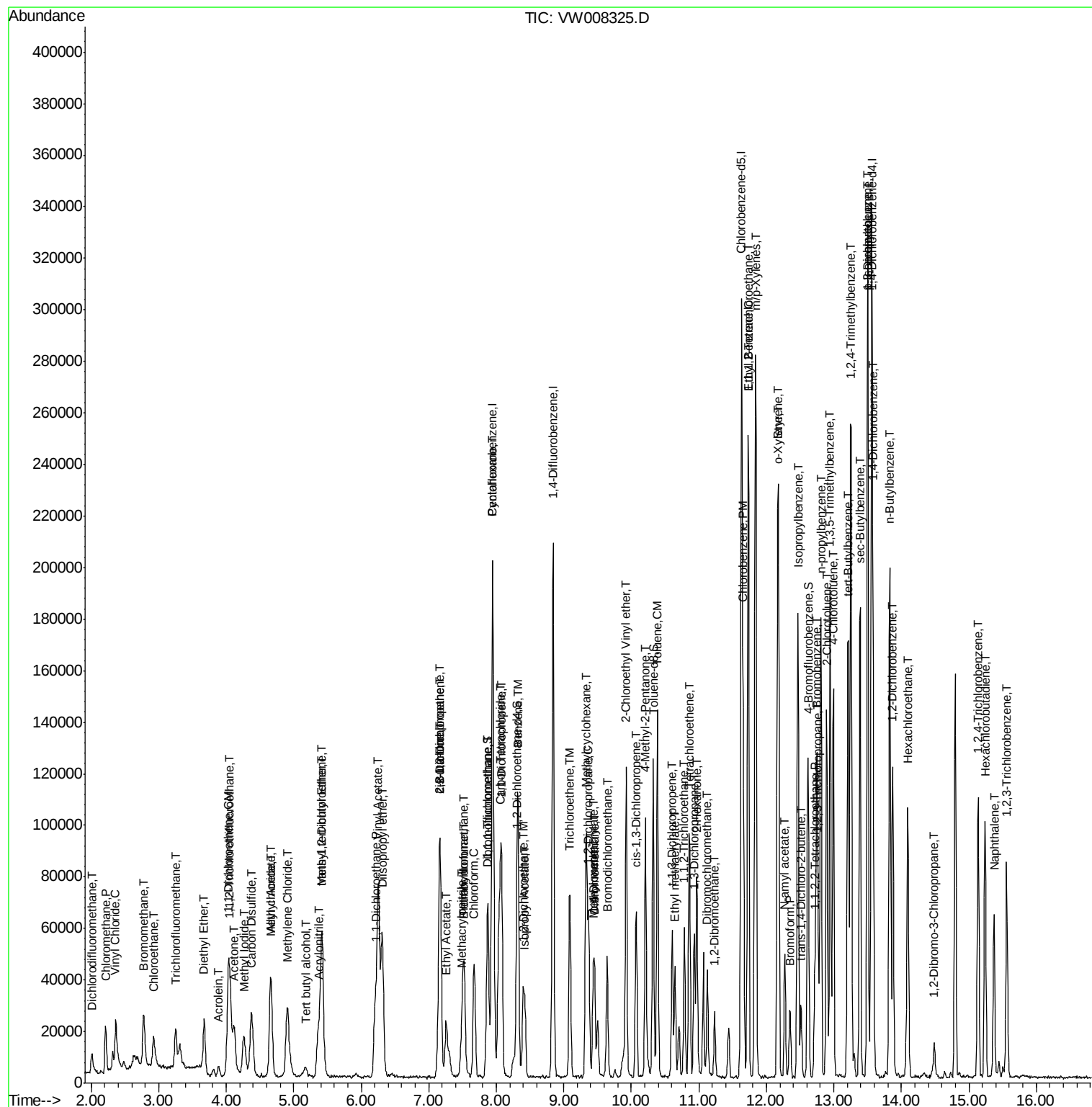
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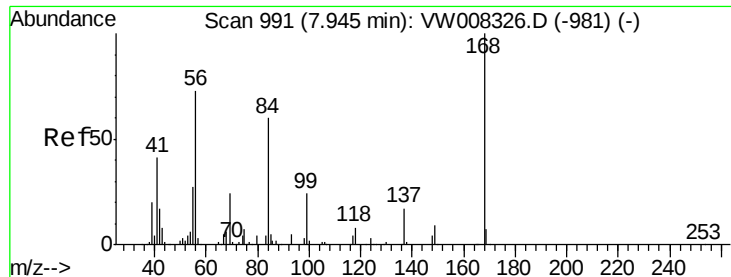
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion:168 Resp: 105120

Ion Ratio Lower Upper

168 100

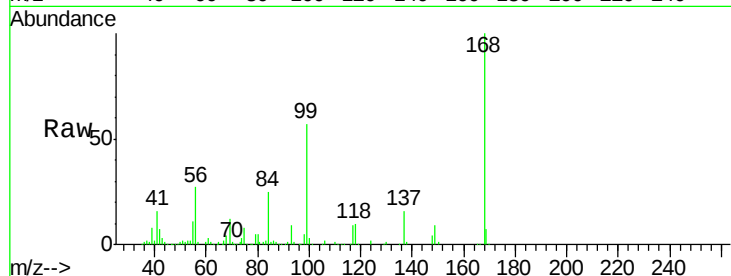
99 56.5 44.6 66.8

Manual Integrations

APPROVED

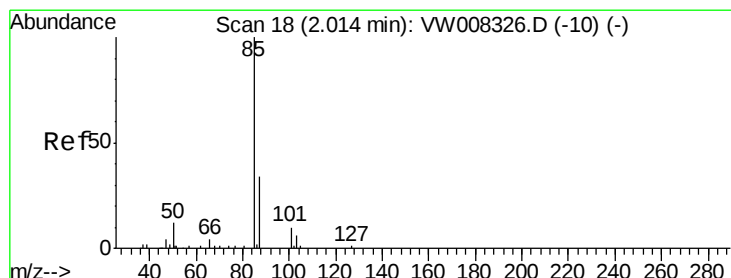
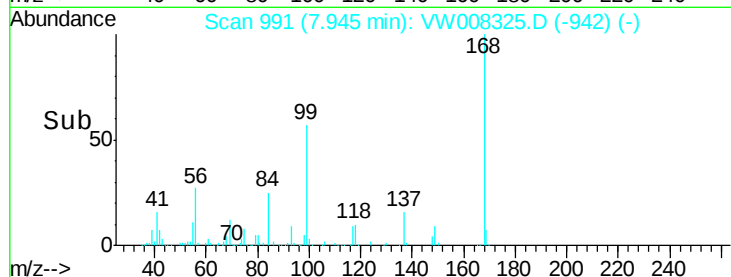
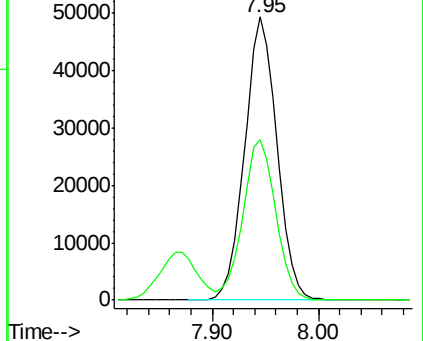
MMDadoda

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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: 19.613 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008325.D

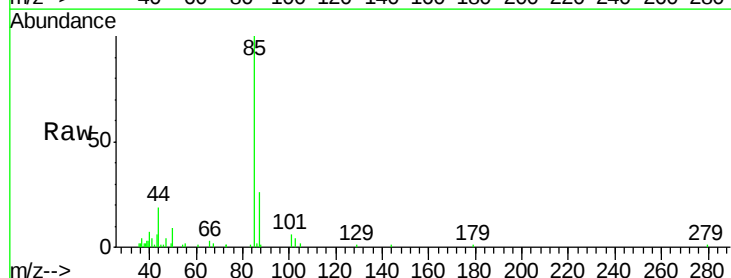
Acq: 17 Jan 2019 13:39

Tgt Ion: 85 Resp: 12991

Ion Ratio Lower Upper

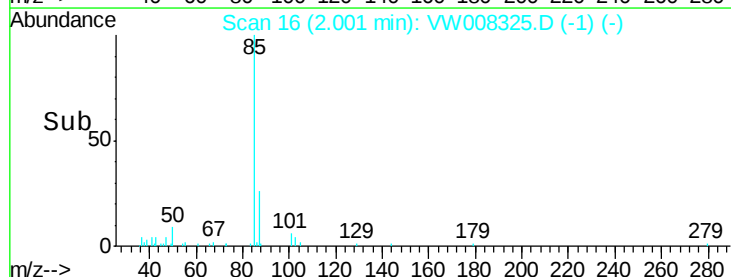
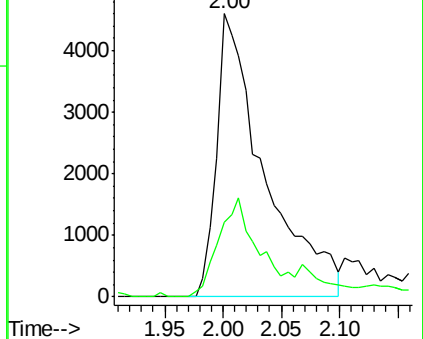
85 100

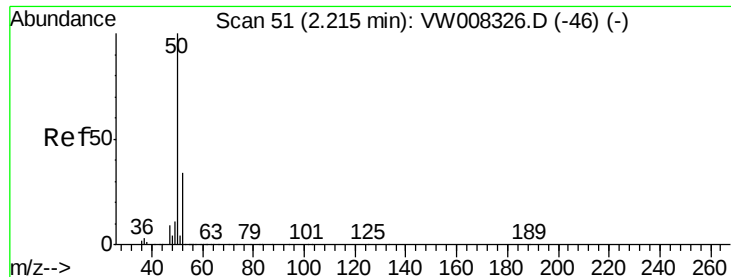
87 26.2 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.292 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 17761

Ion Ratio Lower Upper

50 100

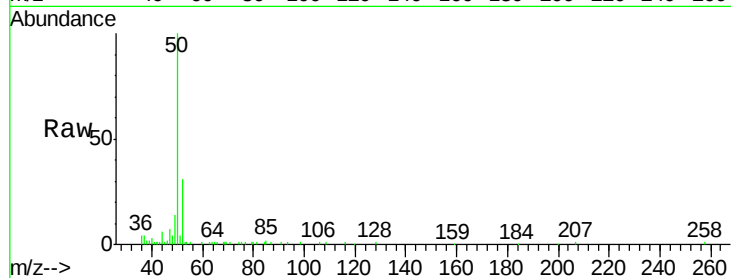
52 30.5 26.7 40.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

12000

10000

8000

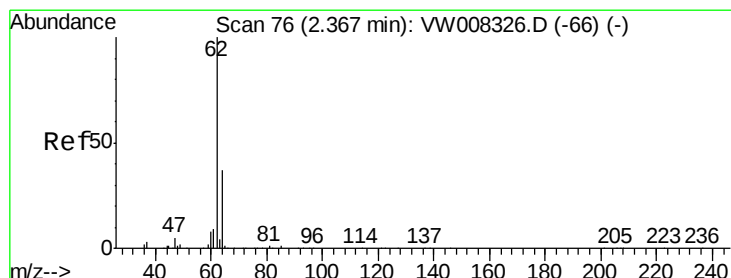
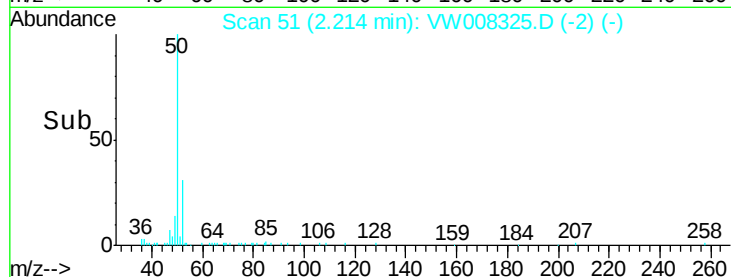
6000

4000

2000

0

Time-->



#4

Vinyl Chloride

Concen: 19.654 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008325.D

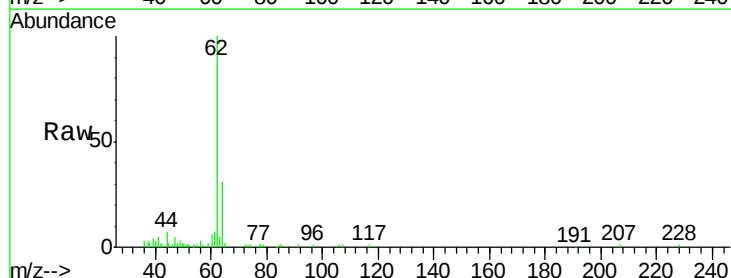
Acq: 17 Jan 2019 13:39

Tgt Ion: 62 Resp: 24383

Ion Ratio Lower Upper

62 100

64 30.8 29.4 44.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

12000

10000

8000

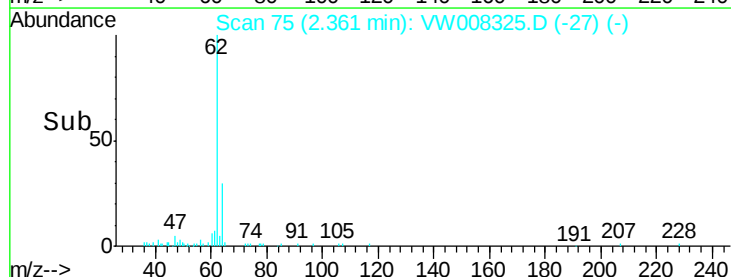
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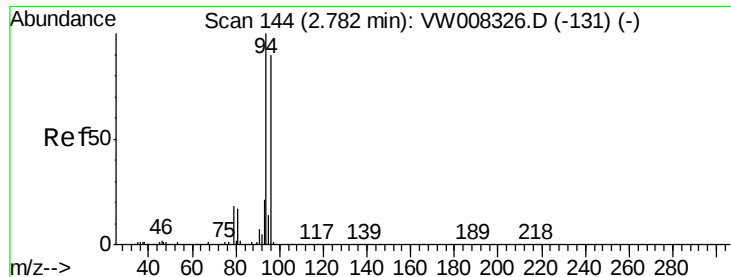
4000

2000

0

Time-->





#5

Bromomethane

Concen: 19.123 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 17979

Ion Ratio Lower Upper

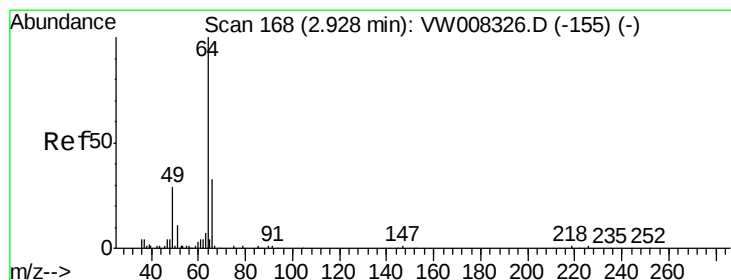
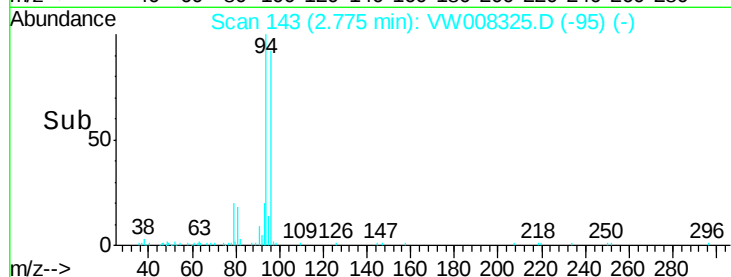
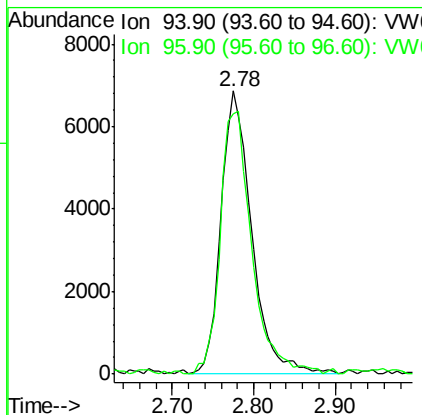
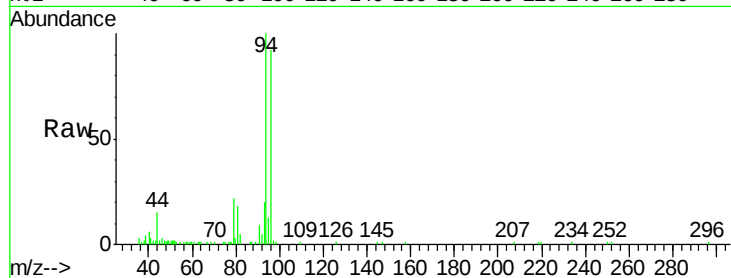
94 100

96 92.1 71.4 107.0

Manual Integrations
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#6

Chloroethane

Concen: 19.496 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008325.D

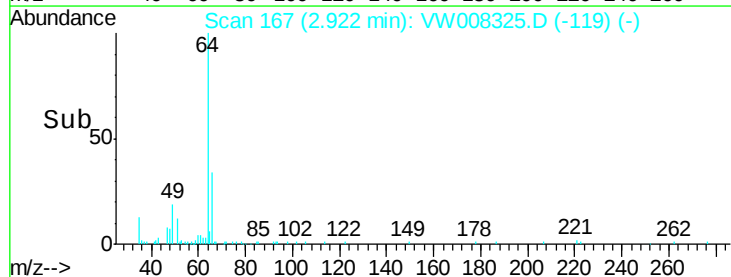
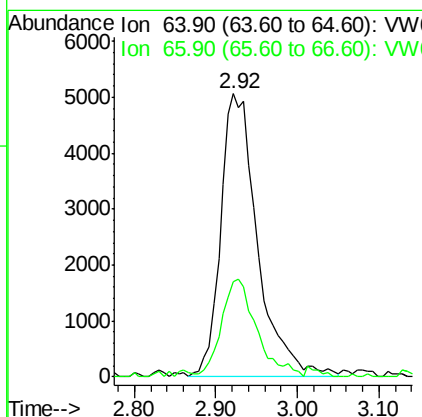
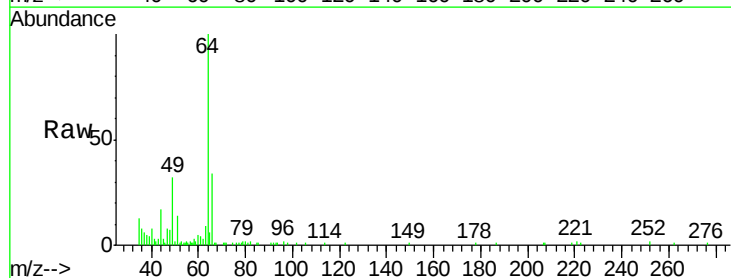
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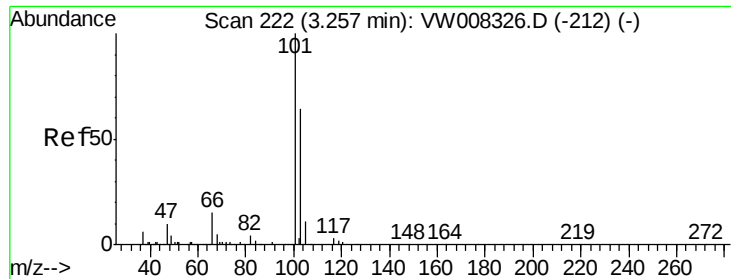
Tgt Ion: 64 Resp: 15831

Ion Ratio Lower Upper

64 100

66 34.1 26.2 39.4





#7

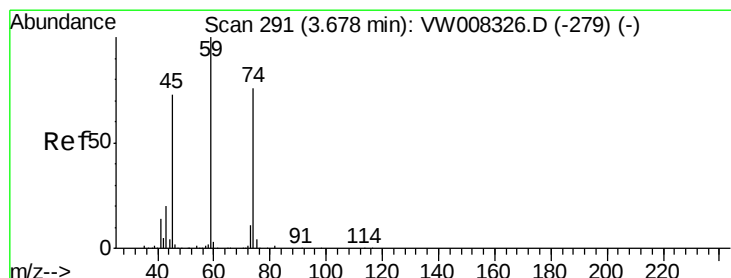
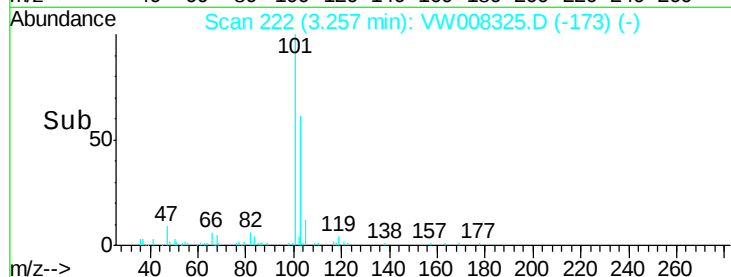
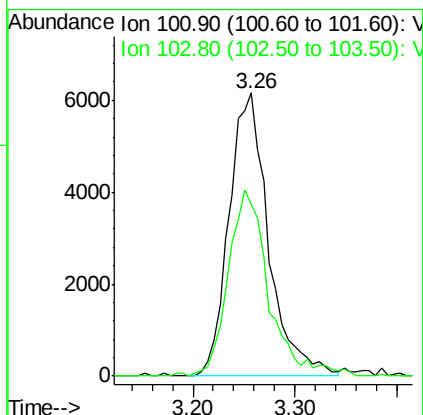
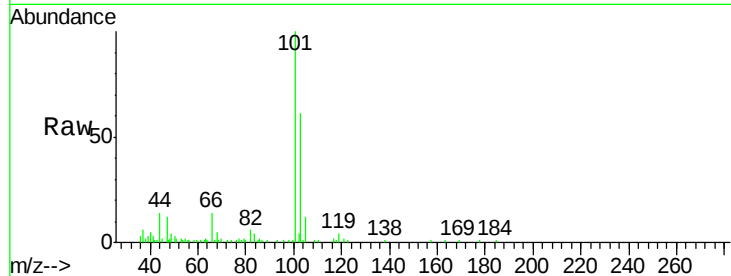
Trichlorofluoromethane
Concen: 18.134 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.9	50.9	76.3

Manual Integrations
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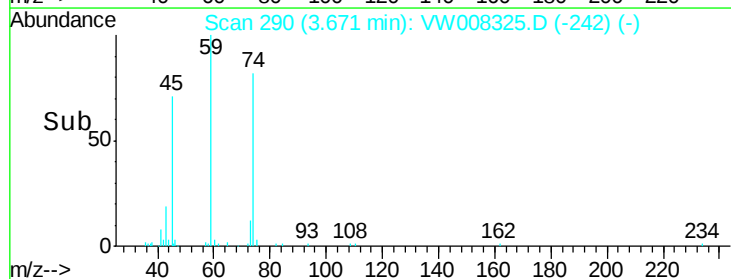
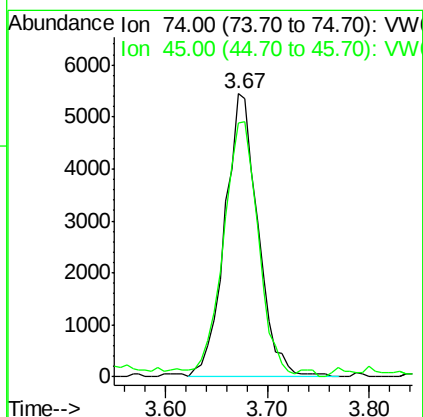
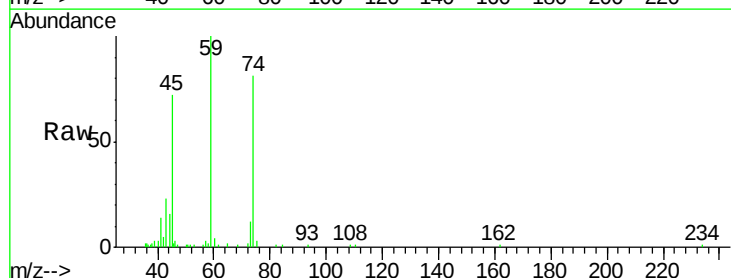
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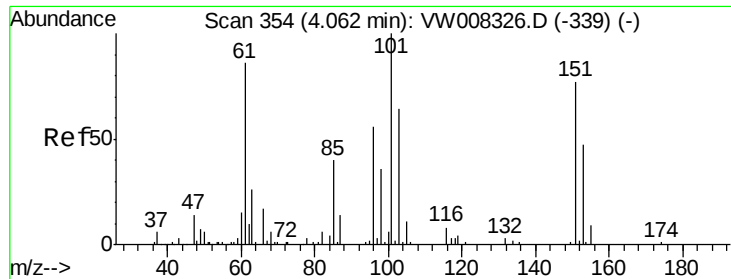


#8

Diethyl Ether
Concen: 19.449 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.6	50.1	150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.549 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

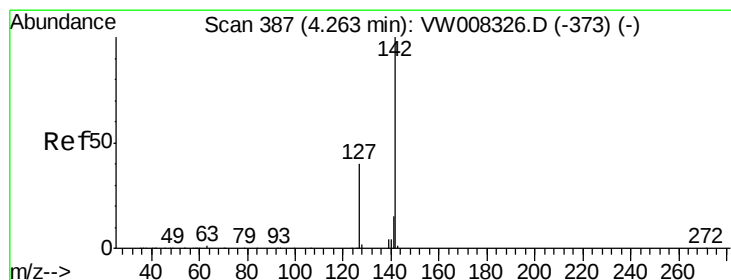
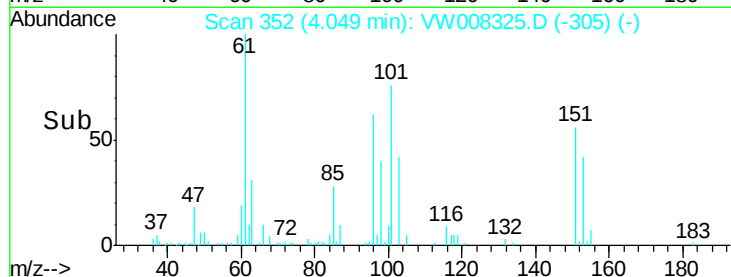
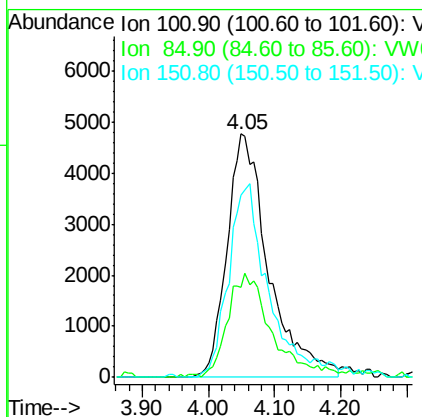
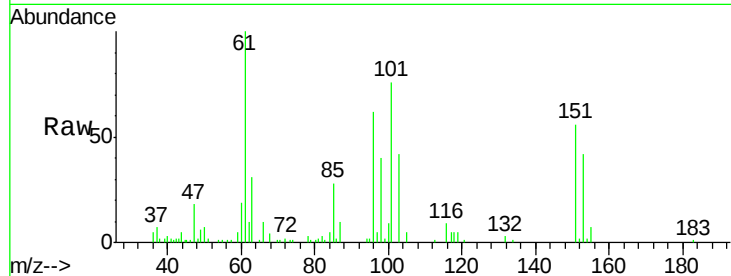
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	20732
Ion Ratio	Lower	Upper	
101	100		
85	43.2	36.0	54.0
151	73.0	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 18.758 ug/l

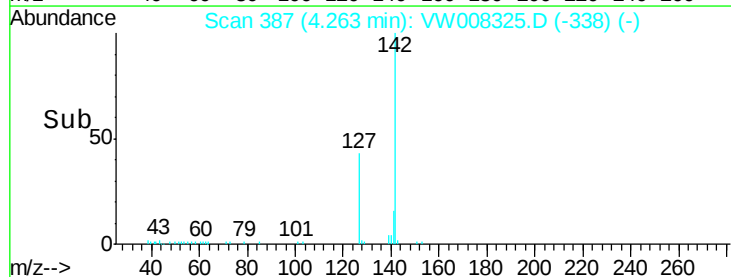
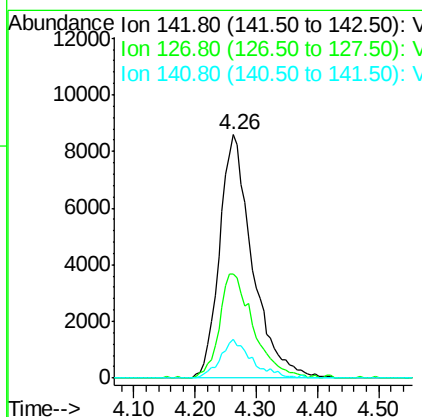
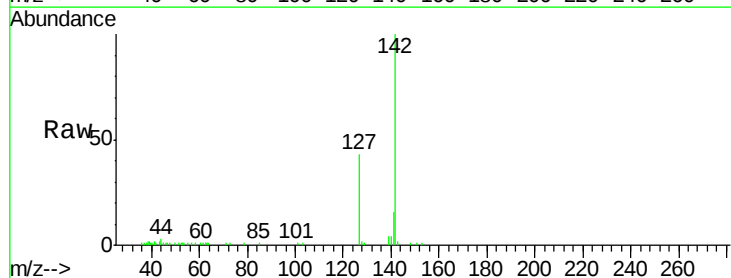
RT: 4.26 min Scan# 387

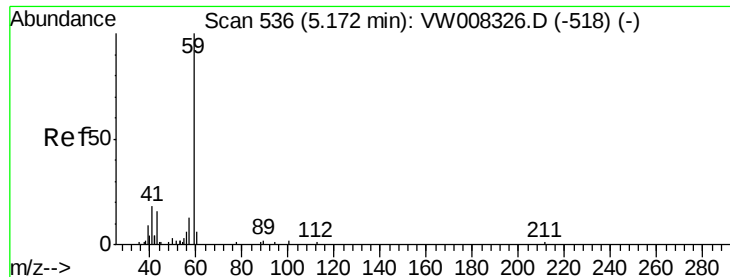
Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Tgt Ion:	142	Resp:	32084
Ion Ratio	Lower	Upper	
142	100		
127	44.2	34.3	51.5
141	15.2	12.2	18.2





#11

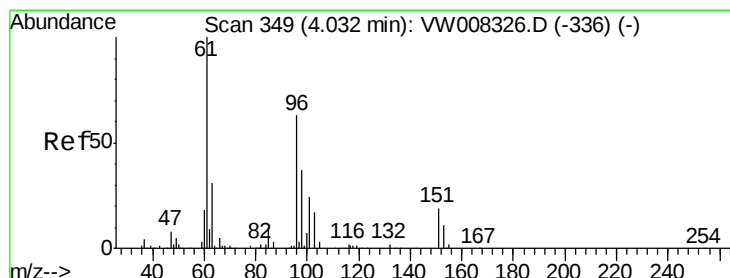
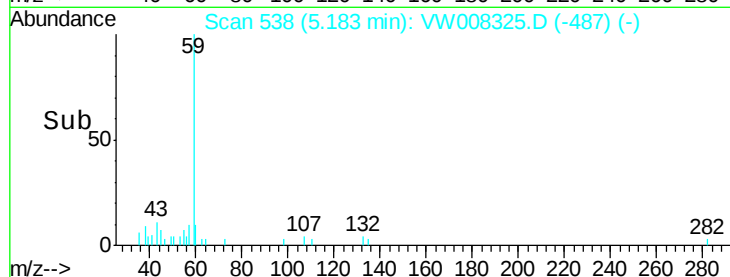
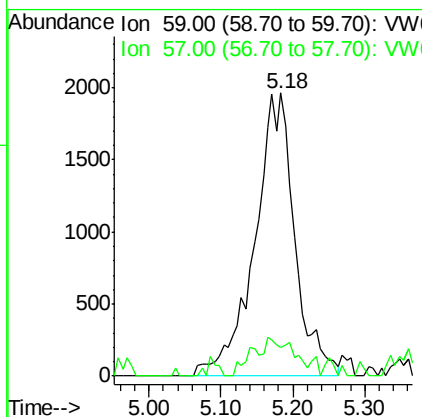
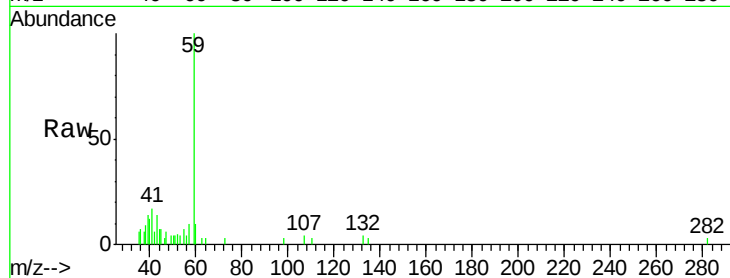
Tert butyl alcohol
Concen: 100.544 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	9.4	14.2

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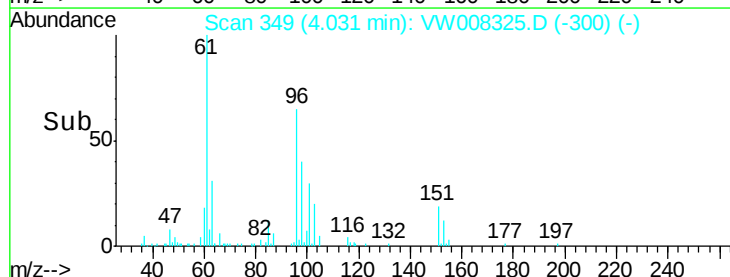
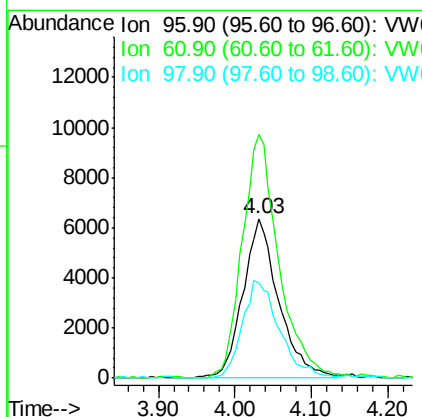
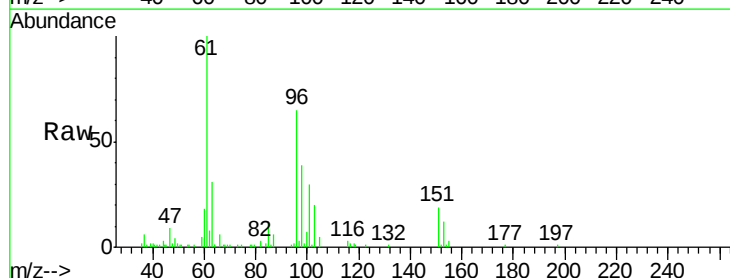
MMDadoda
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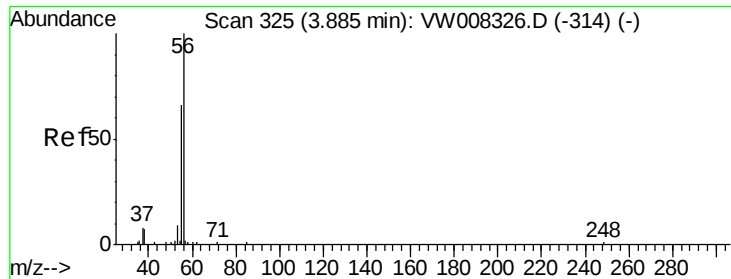


#12

1,1-Dichloroethene
Concen: 19.167 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.8	126.4	189.6
98	60.1	46.7	70.1





#13

Acrolein

Concen: 74.930 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 4865

Ion Ratio Lower Upper

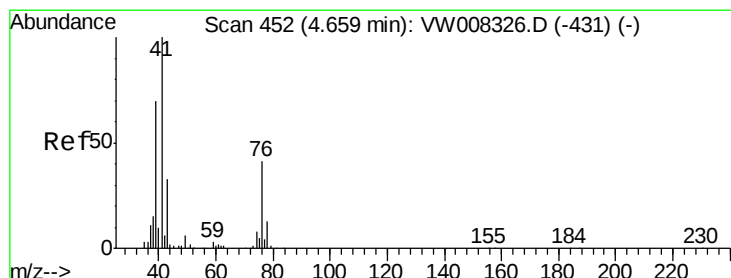
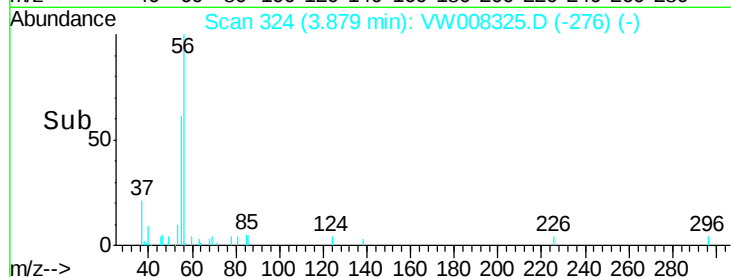
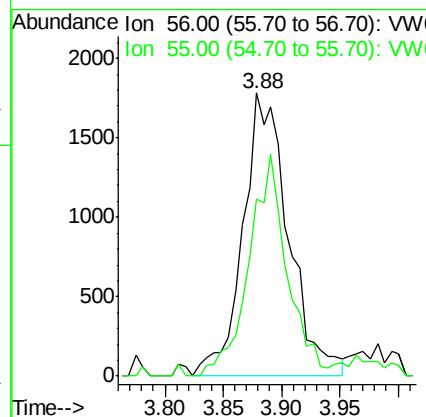
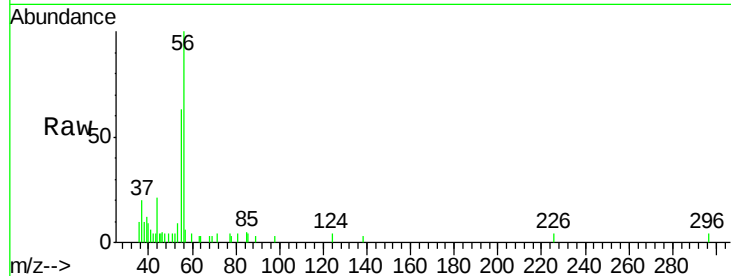
56 100

55 65.4 52.9 79.3

Manual Integrations
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#14

Allyl chloride

Concen: 18.457 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

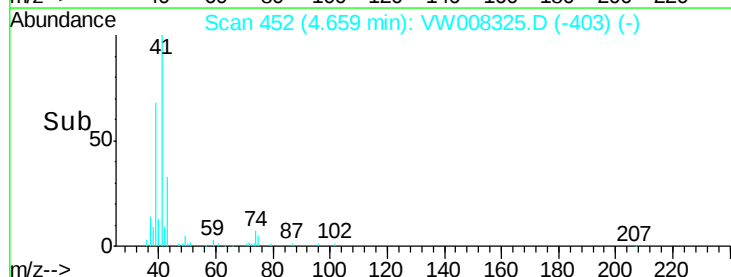
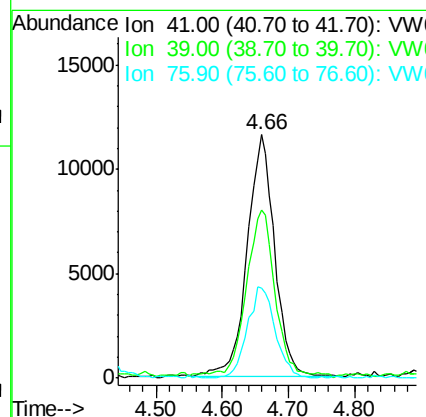
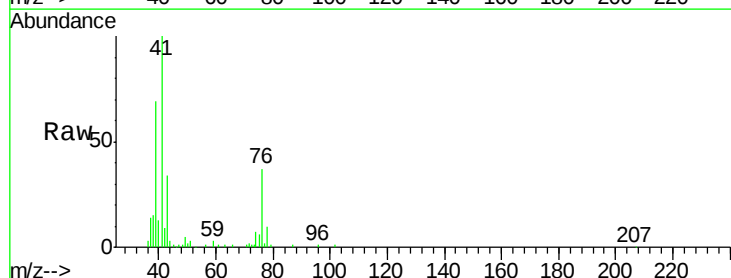
Tgt Ion: 41 Resp: 33282

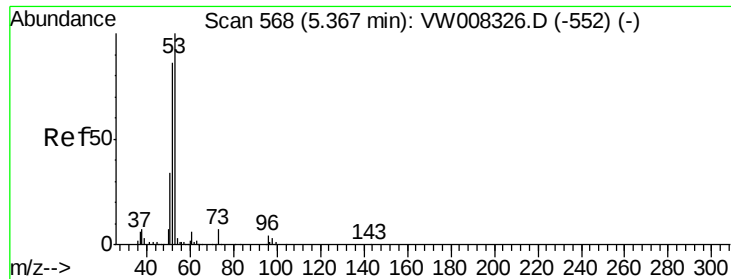
Ion Ratio Lower Upper

41 100

39 68.9 54.1 81.1

76 38.6 29.5 44.3





#15

Acrylonitrile

Concen: 96.772 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

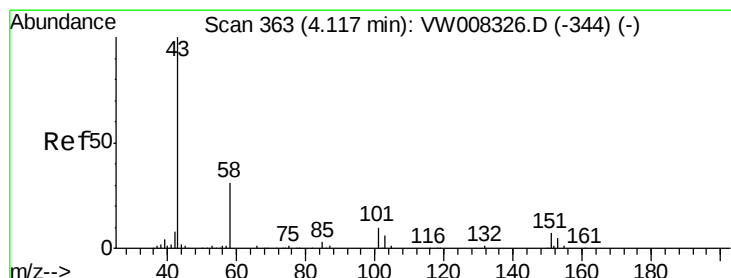
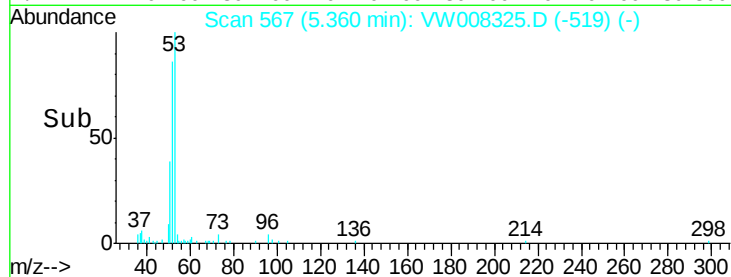
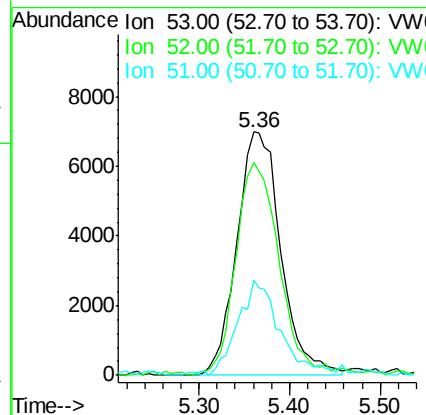
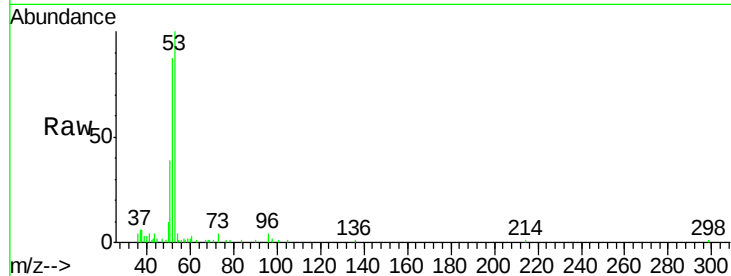
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	23481
Ion	Ratio	Lower	Upper
53	100		
52	85.8	66.4	99.6
51	37.7	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 95.012 ug/l

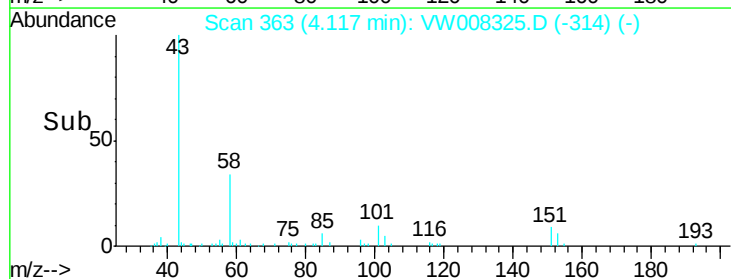
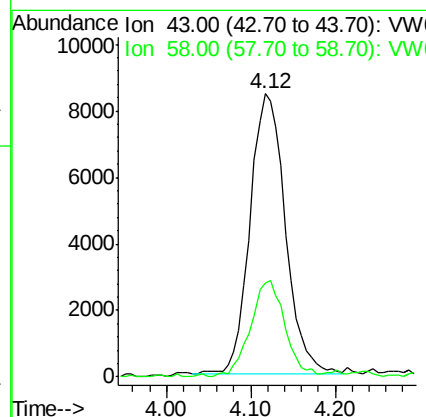
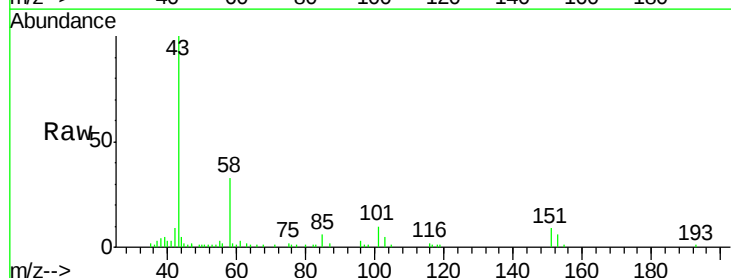
RT: 4.12 min Scan# 363

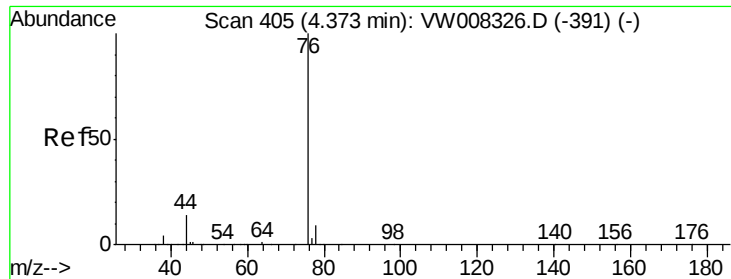
Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Tgt Ion:	43	Resp:	24128
Ion	Ratio	Lower	Upper
43	100		
58	33.3	24.7	37.1





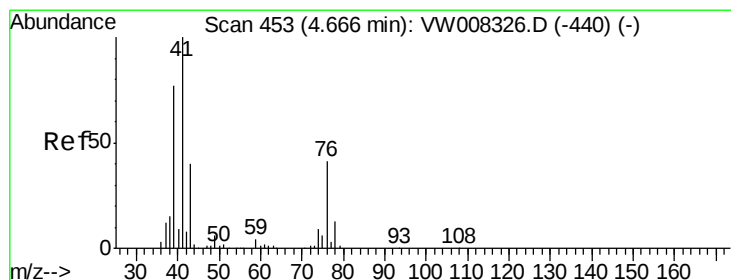
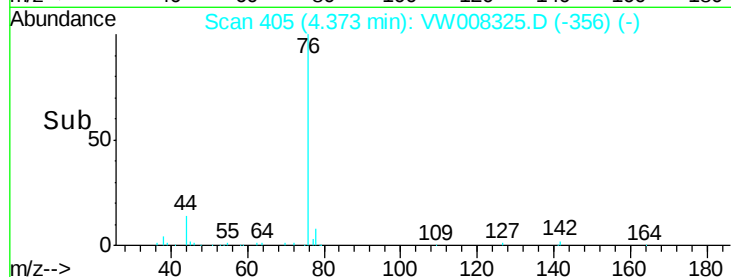
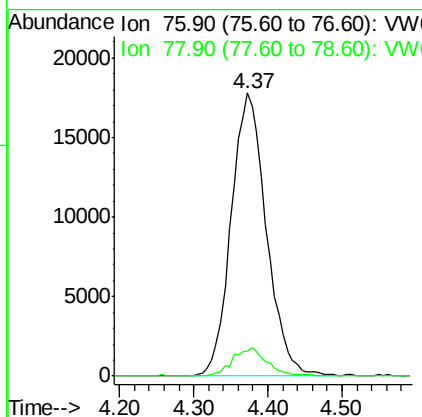
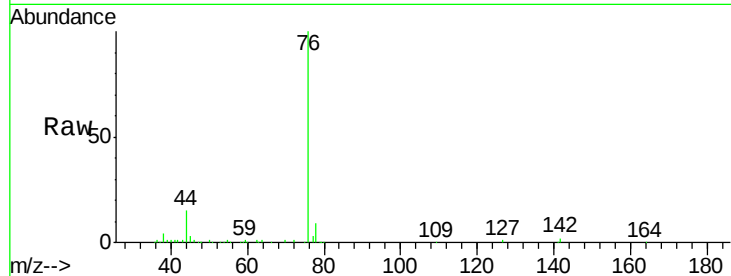
#17
Carbon Disulfide
Concen: 17.951 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

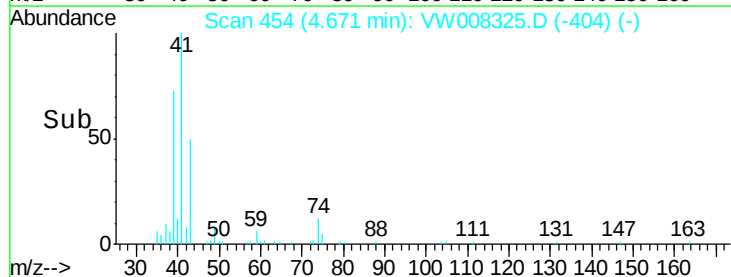
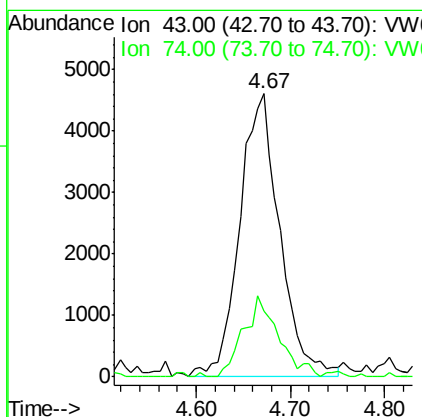
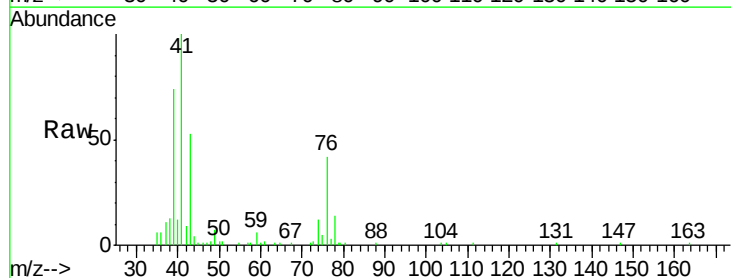
Manual Integrations
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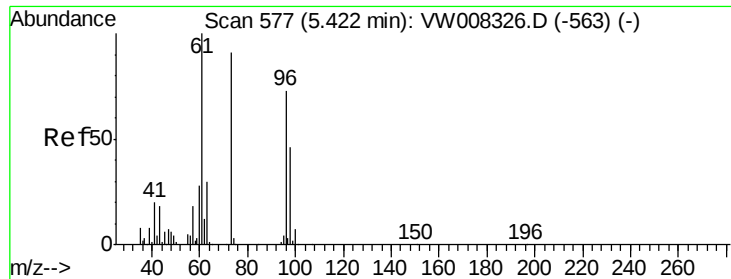
MMDadoda
1/18/2019 2:09:33 PM



#18
Methyl Acetate
Concen: 20.290 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.4	29.0





#19

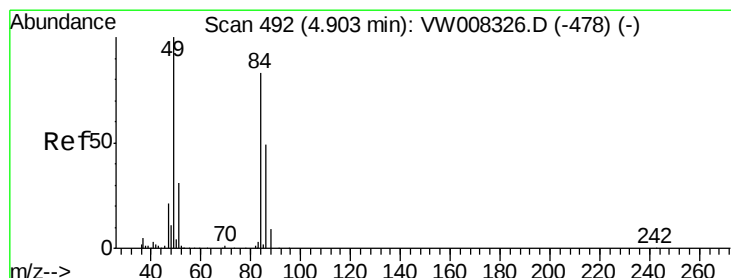
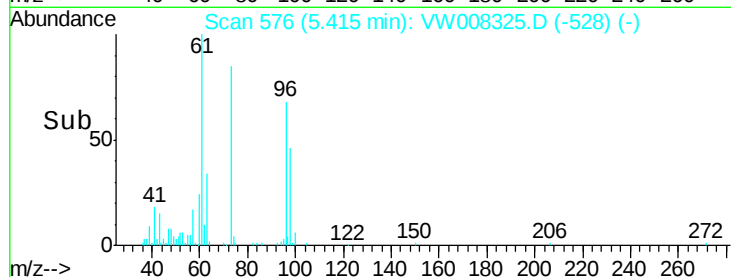
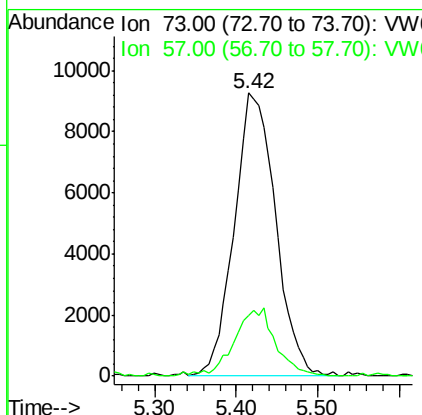
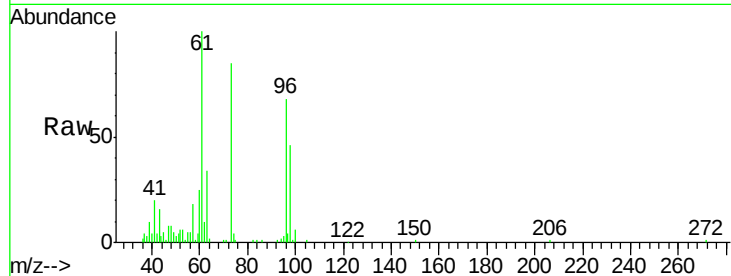
Methyl tert-butyl Ether
 Concen: 19.802 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.3	24.5

Manual Integrations
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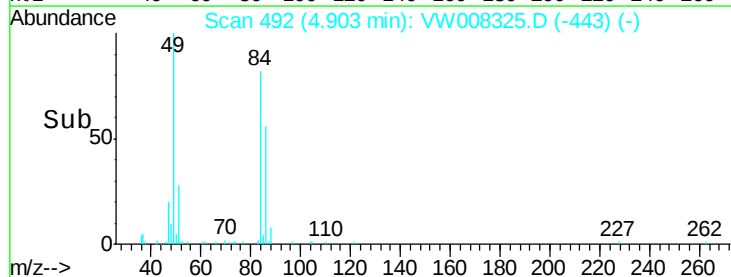
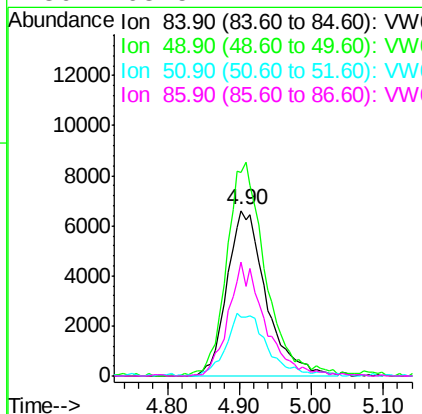
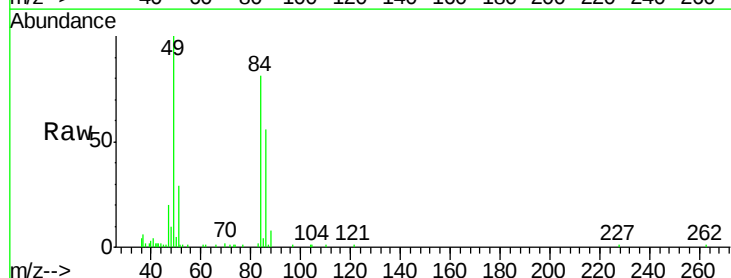
MMDadoda
 1/18/2019 2:09:33 PM

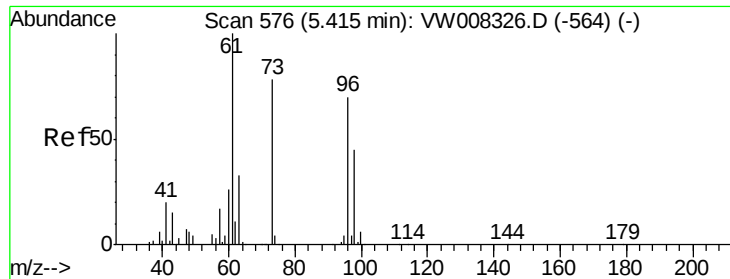


#20

Methylene Chloride
 Concen: 18.445 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	95.9	143.9
51	34.6	29.3	43.9
86	68.5	47.4	71.2





#21

trans-1,2-Dichloroethene

Concen: 18.703 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

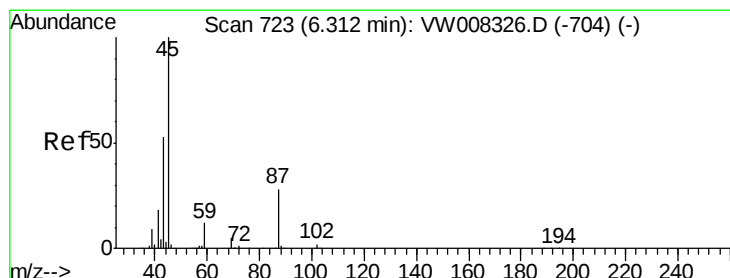
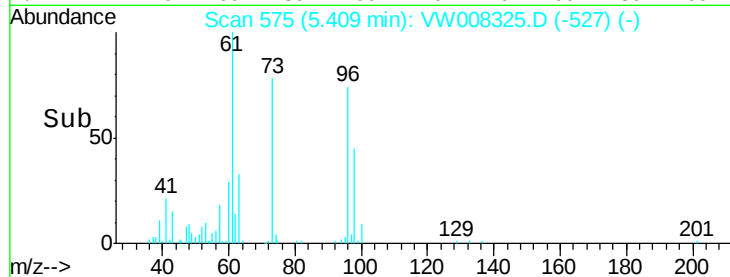
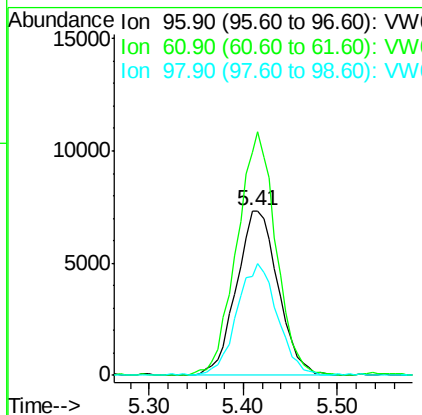
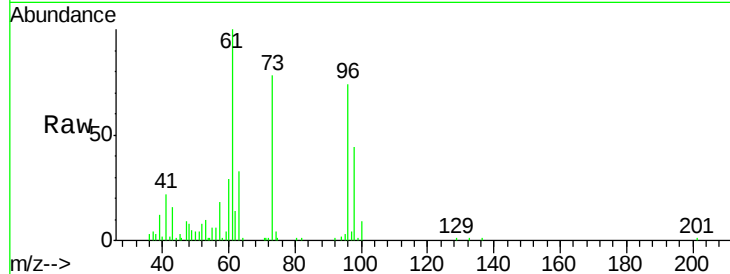
ClientSampled :

VSTDIC020

Tot Ion:	96	Resp:	22658
Ion	Ratio	Lower	Upper
96	100		
61	135.7	114.5	171.7
98	60.2	52.0	78.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.619 ug/l

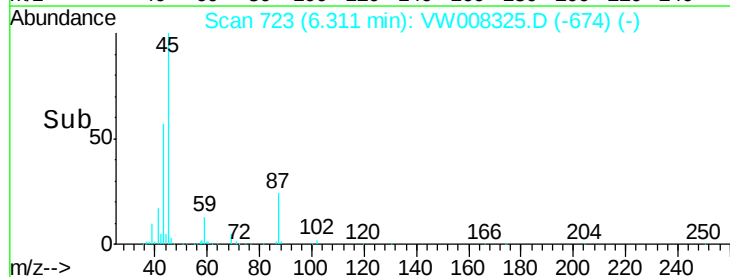
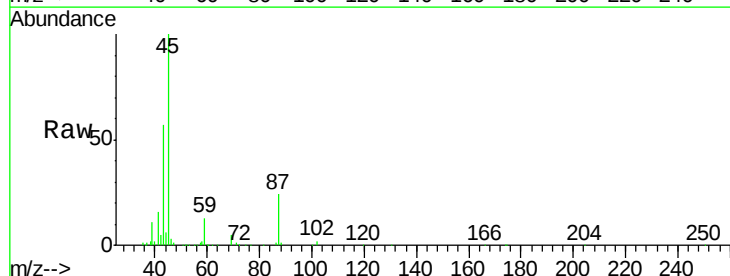
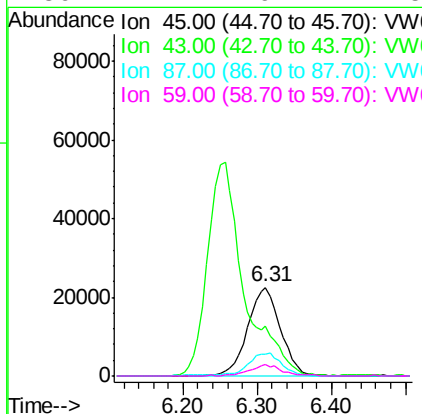
RT: 6.31 min Scan# 723

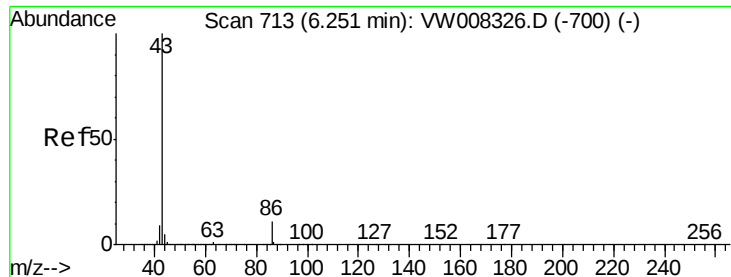
Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Tgt Ion:	45	Resp:	69067
Ion	Ratio	Lower	Upper
45	100		
43	56.6	42.5	63.7
87	24.3	22.2	33.2
59	12.7	9.7	14.5





#23

Vinyl Acetate

Concen: 98.296 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 184975

Ion Ratio Lower Upper

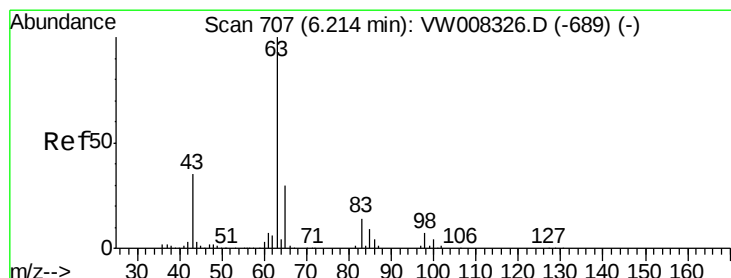
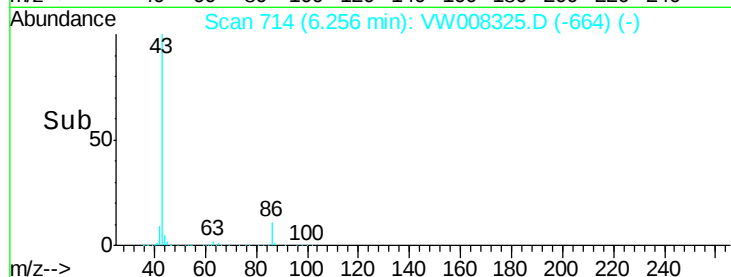
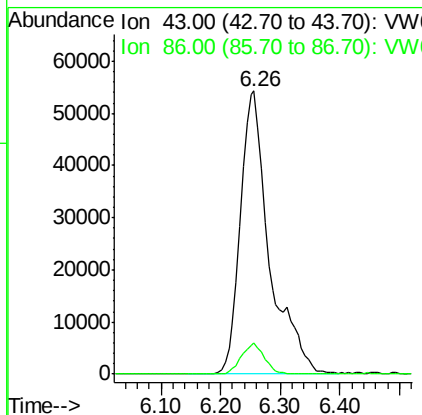
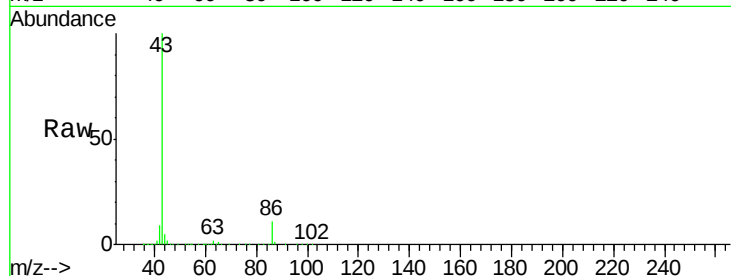
43 100

86 10.8 8.6 13.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 19.660 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

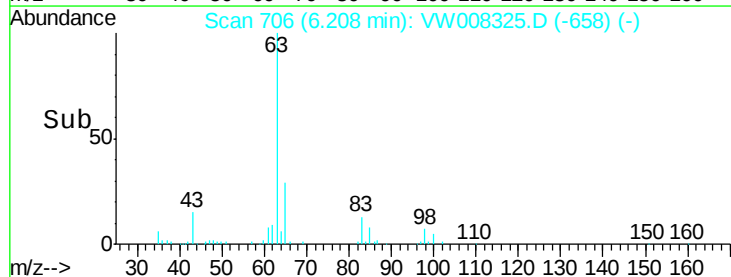
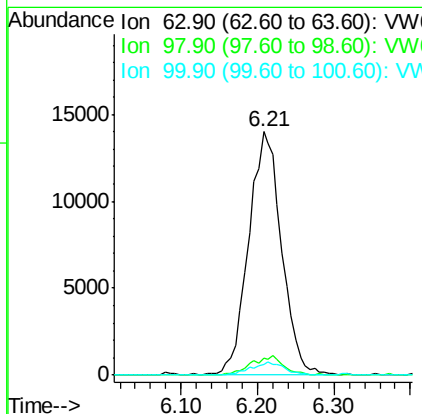
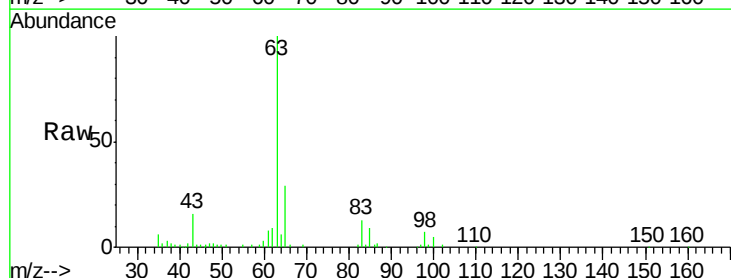
Tgt Ion: 63 Resp: 42142

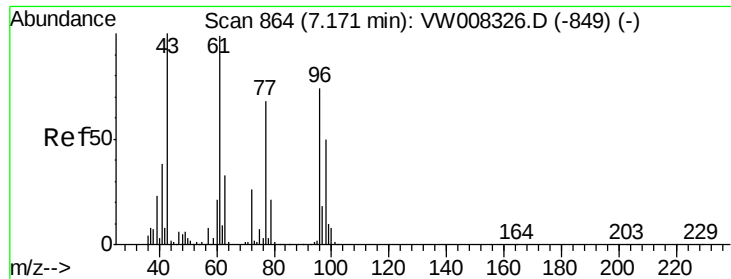
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 97.249 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 31631

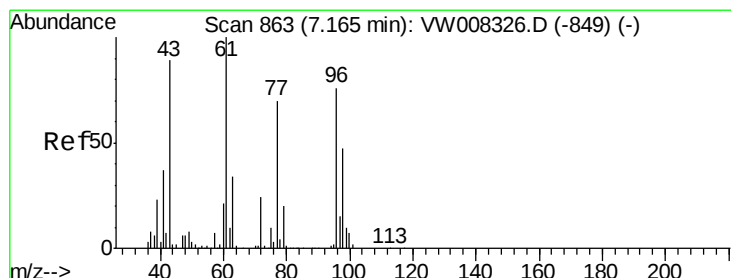
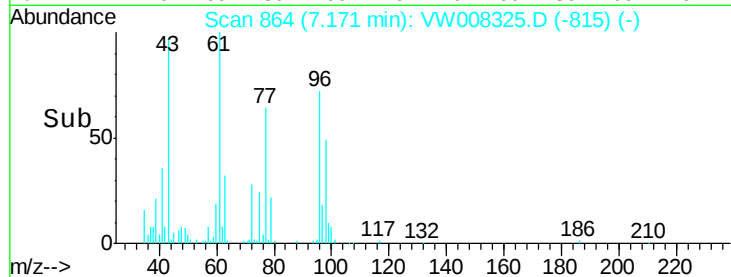
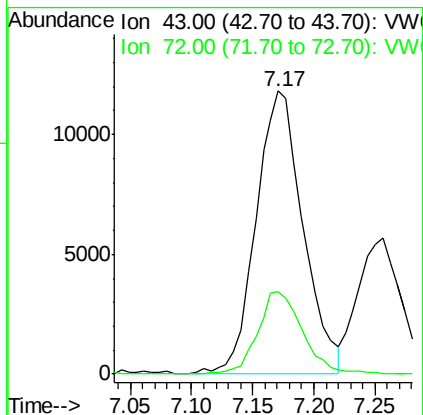
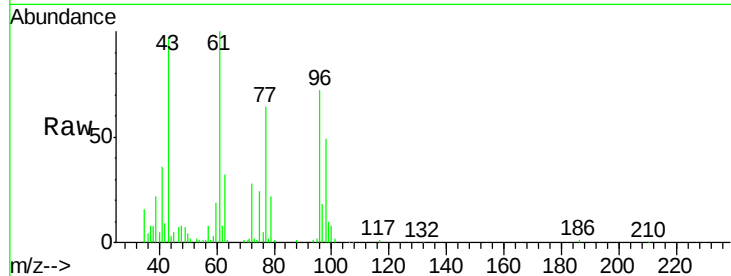
Ion Ratio Lower Upper

43 100

72 29.0 21.2 31.8

Manual Integrations
APPROVED

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#26

2,2-Dichloropropane

Concen: 19.367 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008325.D

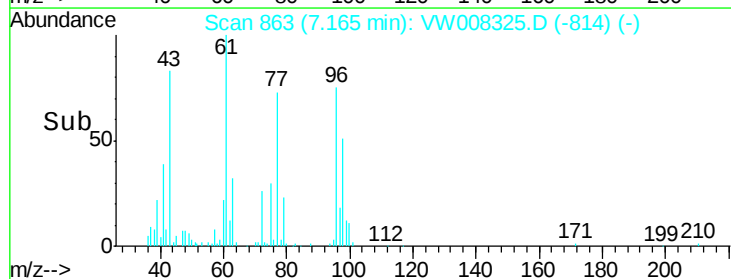
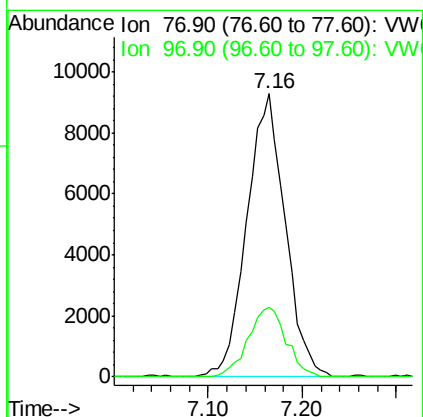
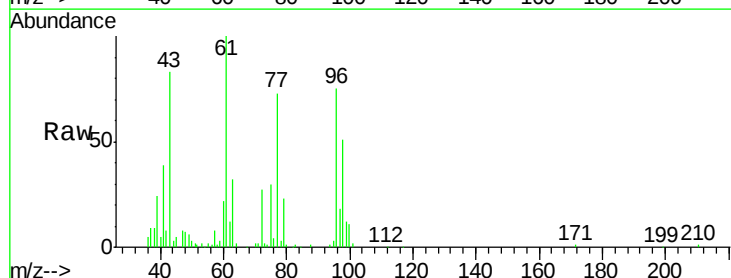
Acq: 17 Jan 2019 13:39

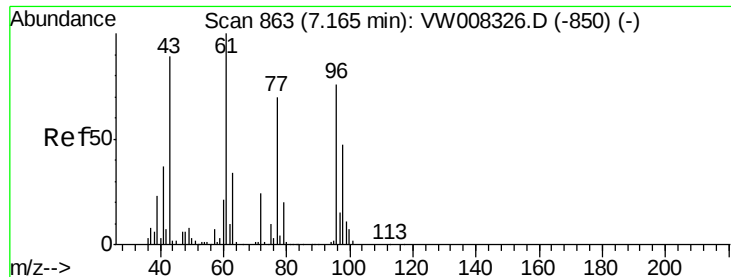
Tgt Ion: 77 Resp: 26492

Ion Ratio Lower Upper

77 100

97 24.5 11.7 35.1





#27

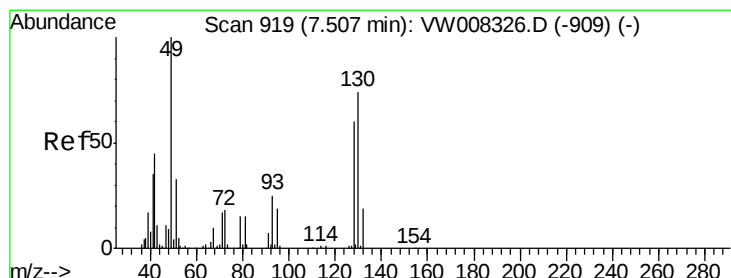
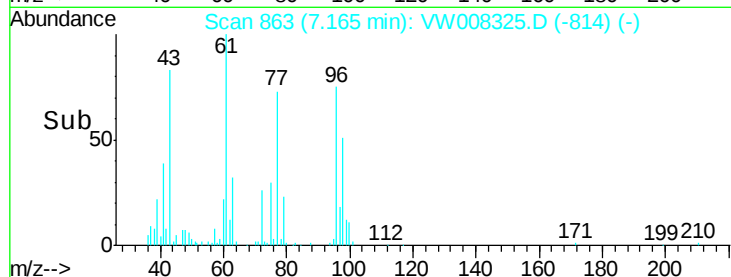
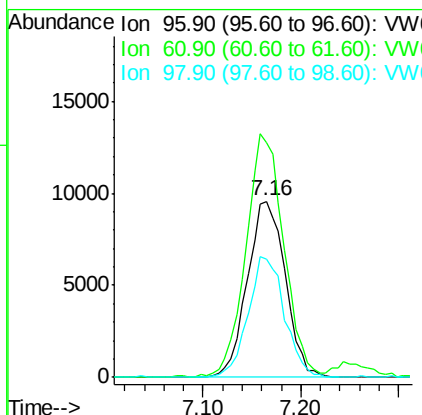
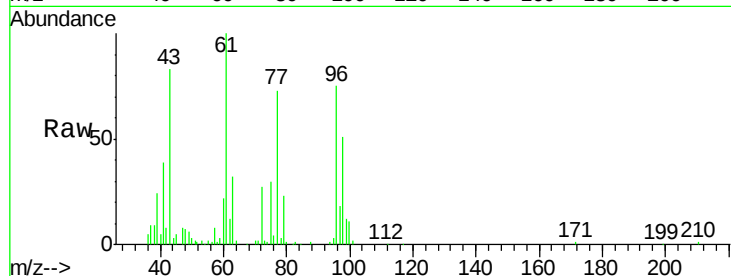
cis-1,2-Dichloroethene
Concen: 19.642 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	272.2
98	65.6	0.0	129.4

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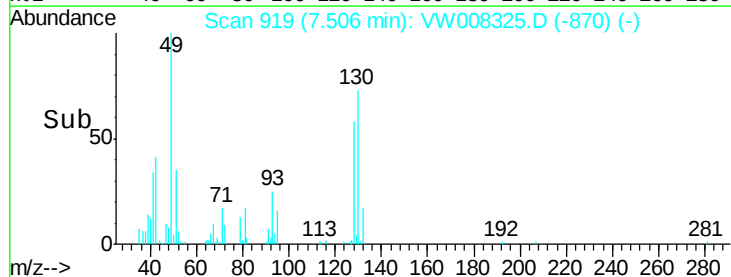
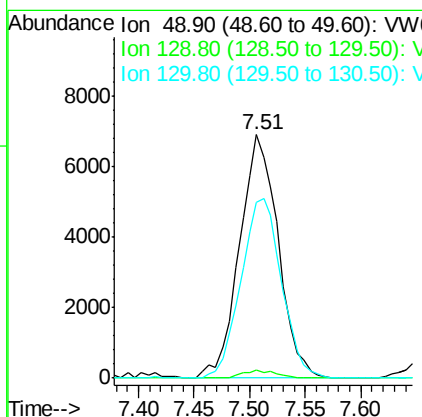
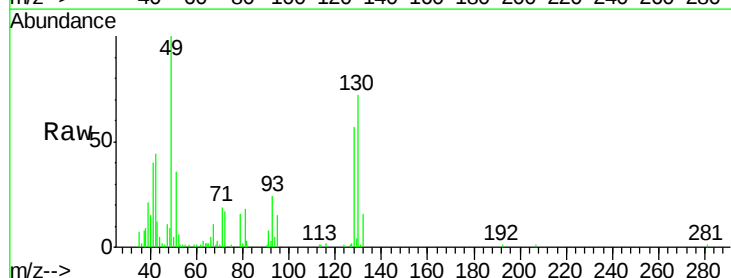
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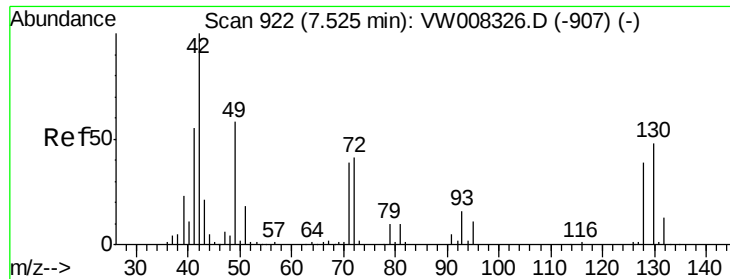


#28

Bromochloromethane
Concen: 18.786 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	2.6#
130	77.4	0.0	0.0#





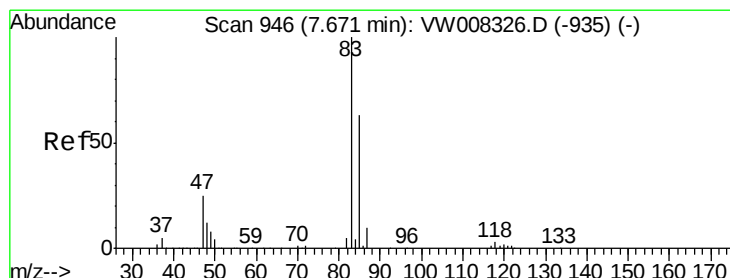
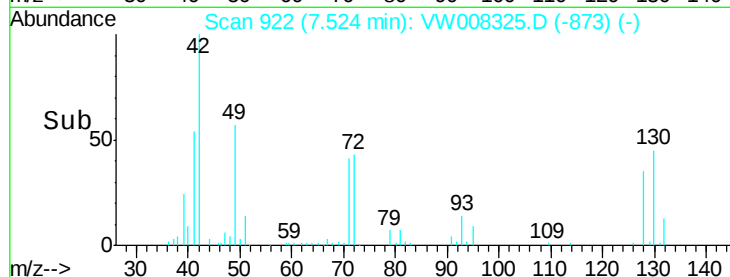
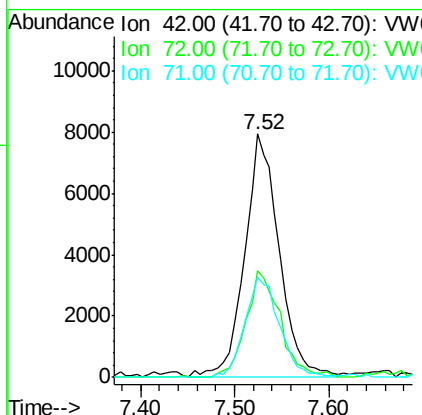
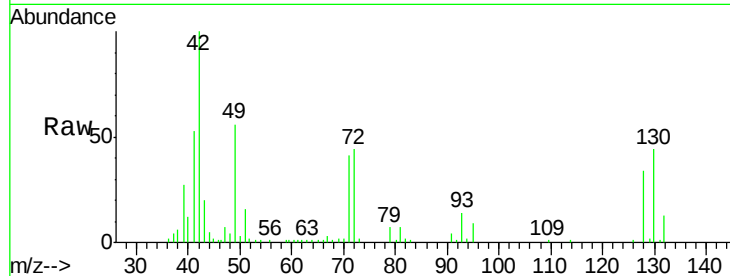
#29
Tetrahydrofuran
Concen: 100.715 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.0	51.0
71	41.4	32.0	48.0

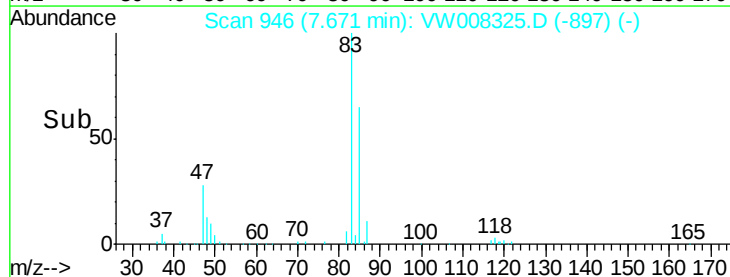
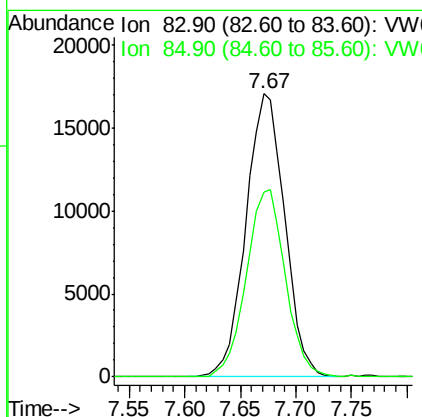
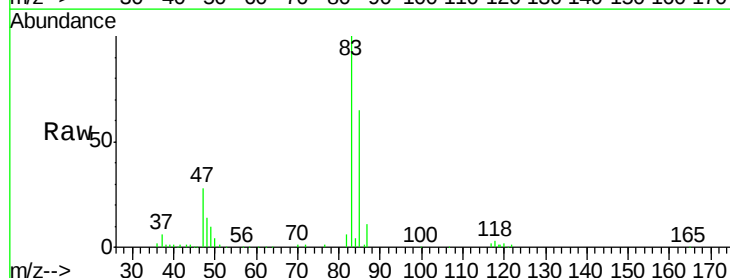
Manual Integrations
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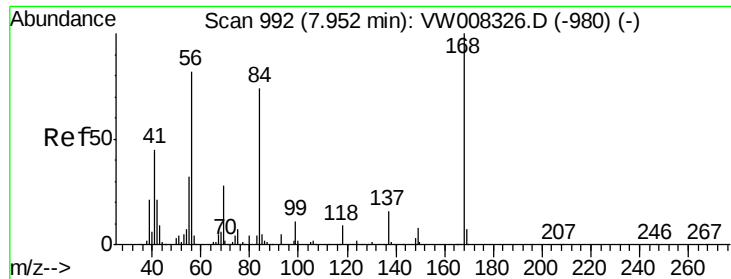
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#30
Chloroform
Concen: 19.506 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.2	75.2





#31

Cyclohexane

Concen: 18.046 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

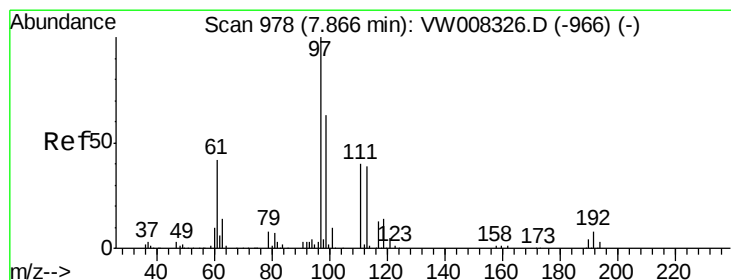
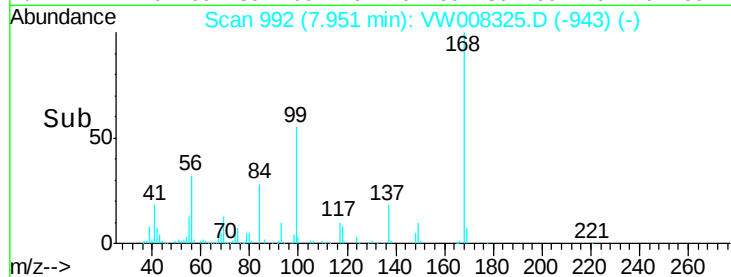
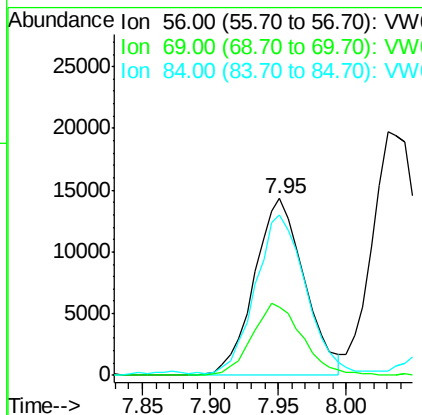
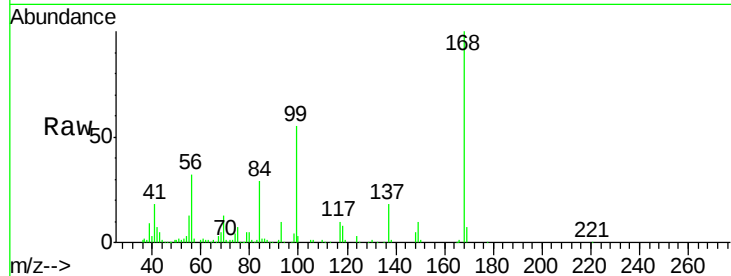
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	36856
Ion Ratio	Lower	Upper	
56	100		
69	38.9	27.0	40.6
84	89.5	72.5	108.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.753 ug/l

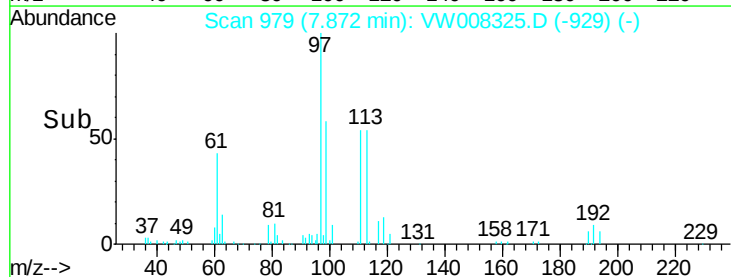
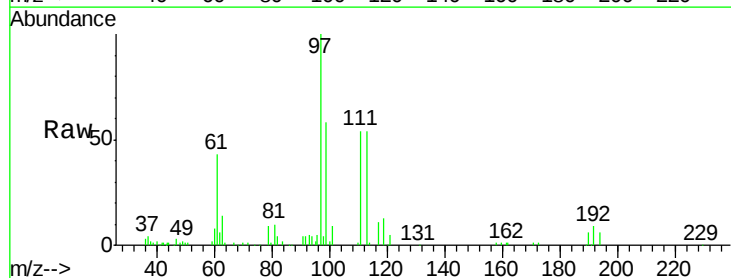
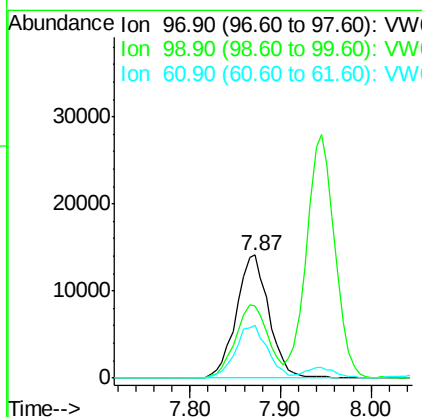
RT: 7.87 min Scan# 979

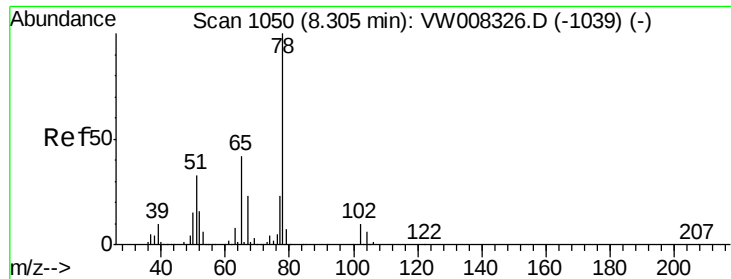
Delta R.T. 0.01 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Tgt Ion:	97	Resp:	35158
Ion Ratio	Lower	Upper	
97	100		
99	60.1	51.1	76.7
61	42.1	34.0	51.0





#33

1,2-Dichloroethane-d4

Concen: 19.439 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 65 Resp: 21256

Ion Ratio Lower Upper

65 100

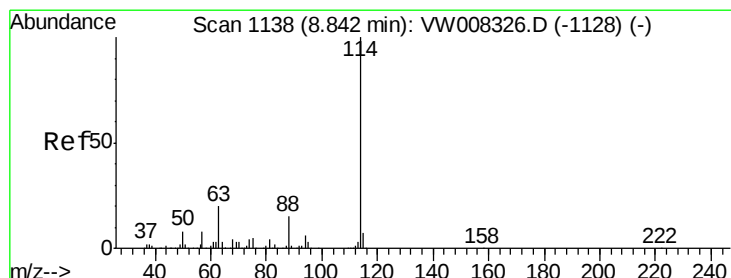
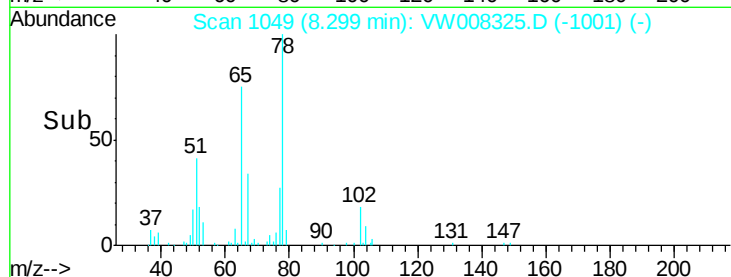
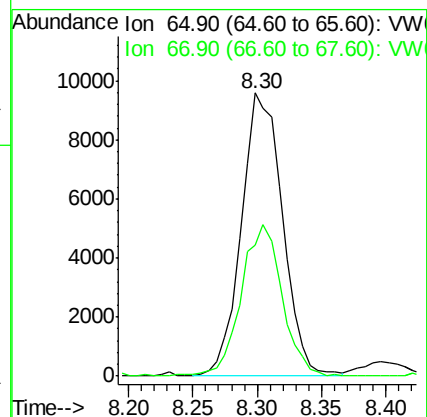
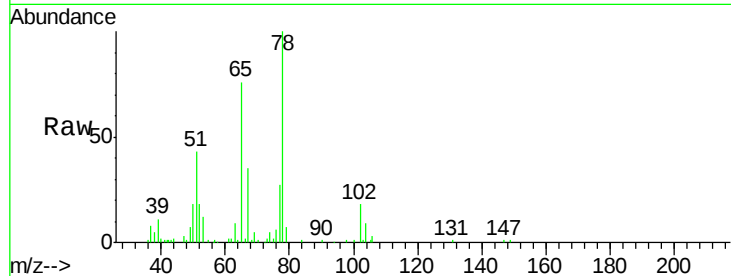
67 53.1 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

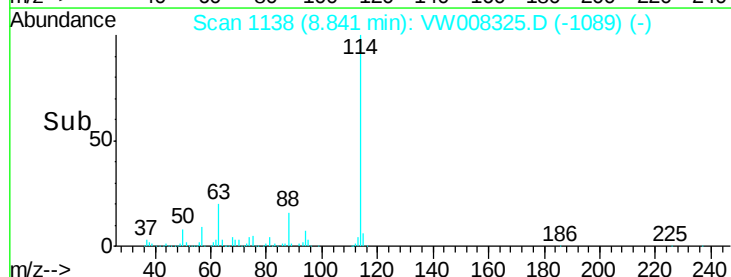
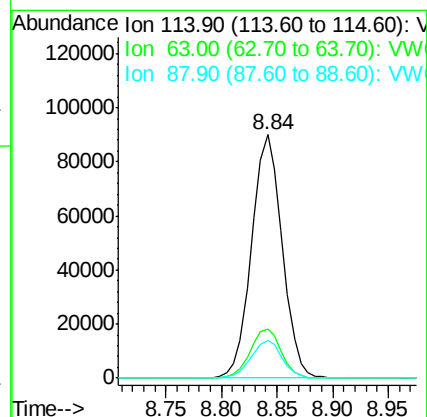
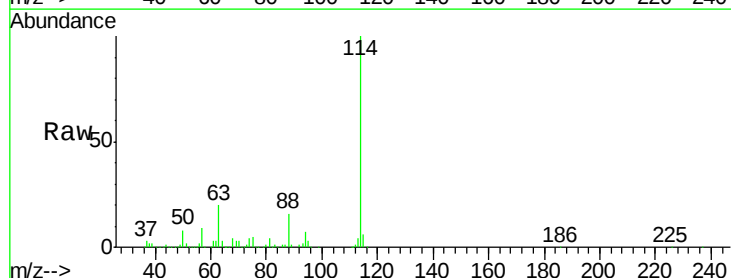
Tgt Ion: 114 Resp: 172437

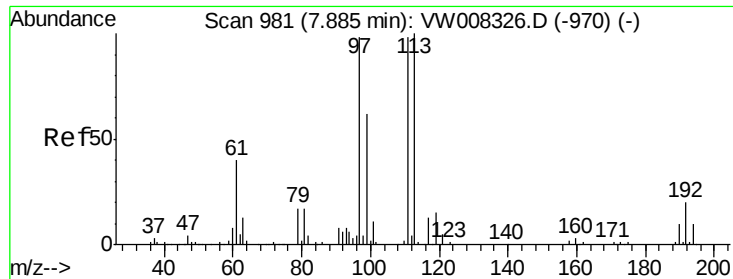
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 19.034 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

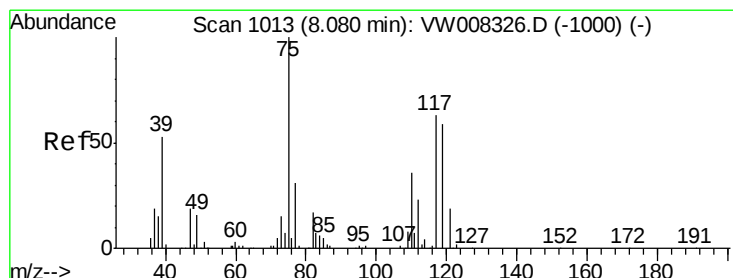
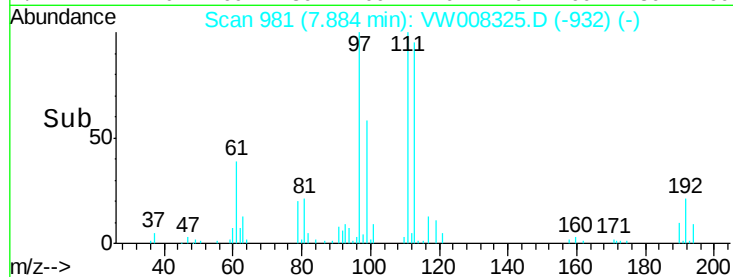
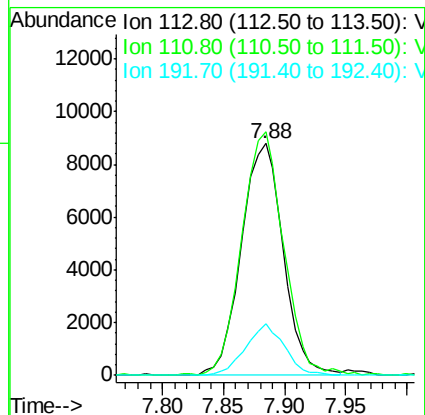
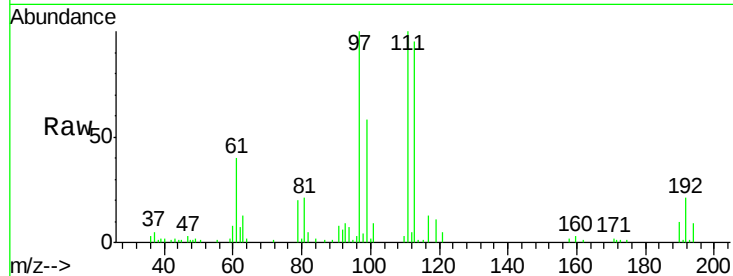
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	20951
Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.8	122.8
192	20.6	16.3	24.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.783 ug/l

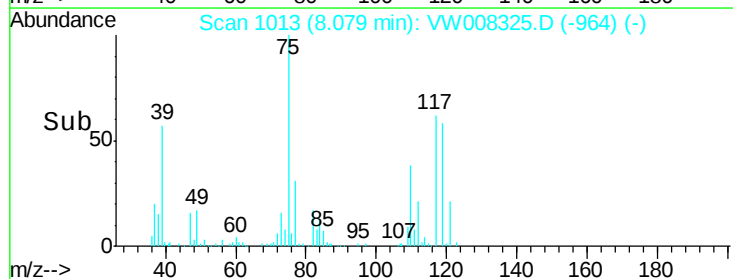
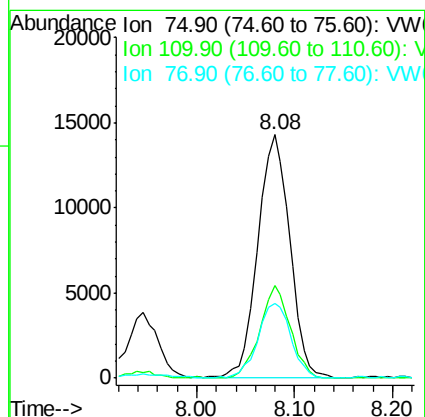
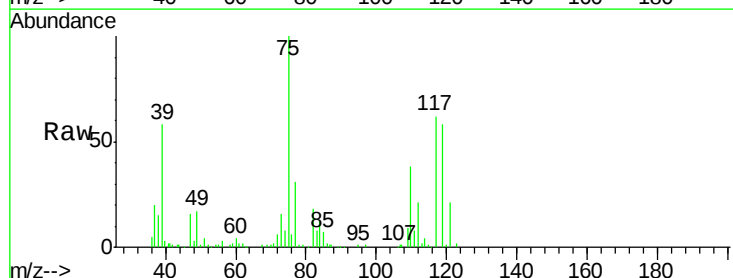
RT: 8.08 min Scan# 1013

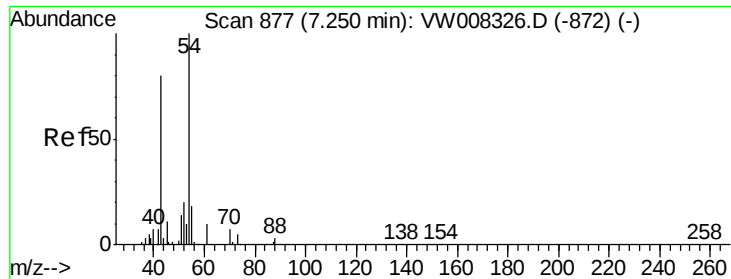
Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Tgt Ion:	75	Resp:	32586
Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.5	52.6
77	31.6	25.0	37.6





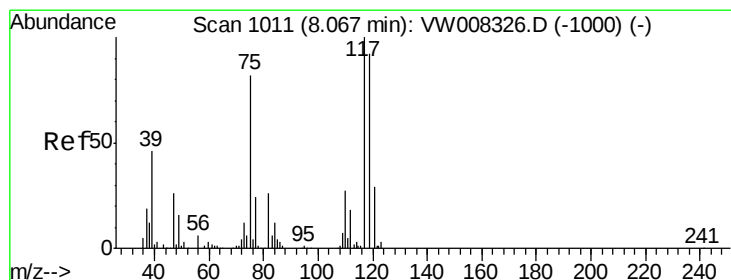
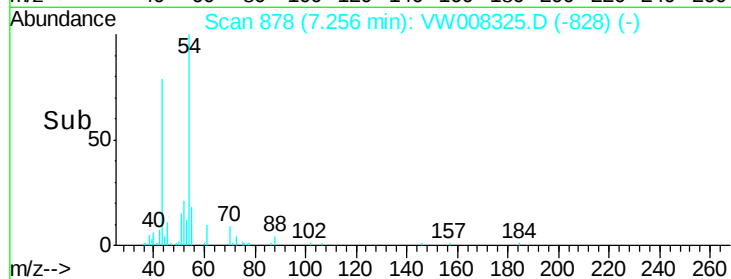
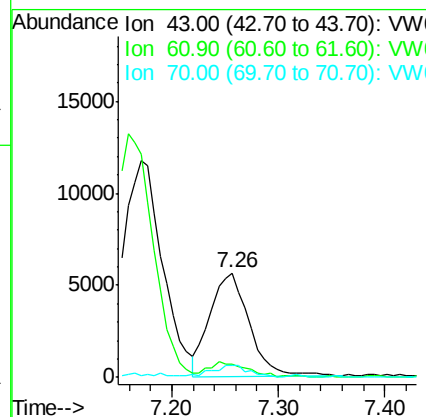
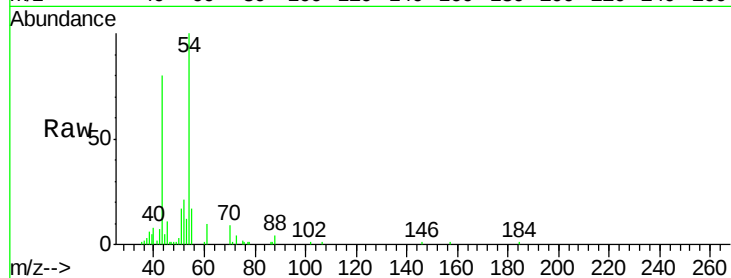
#37
Ethyl Acetate
Concen: 19.907 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.5	17.3
70	11.8	8.8	13.2

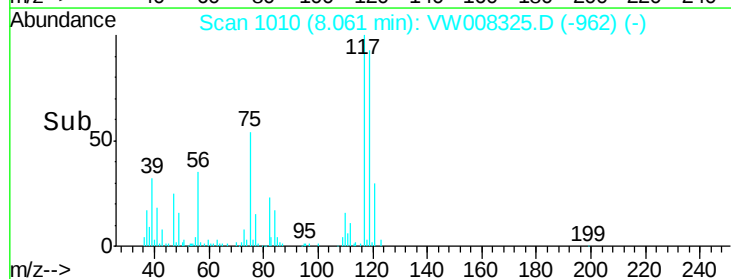
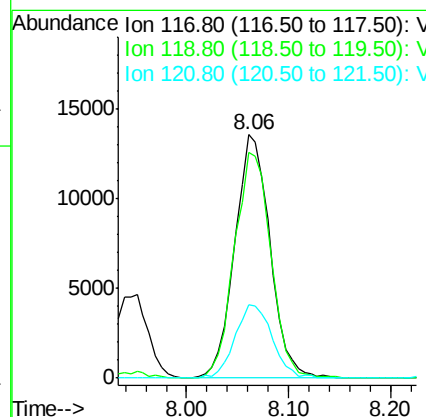
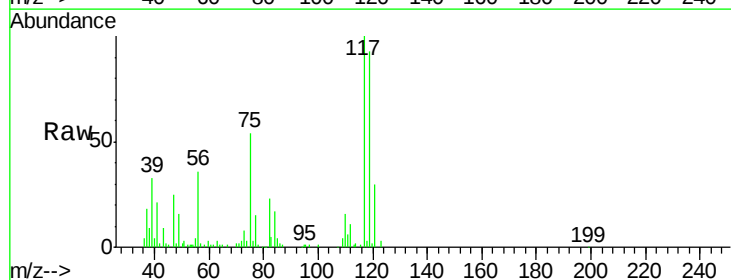
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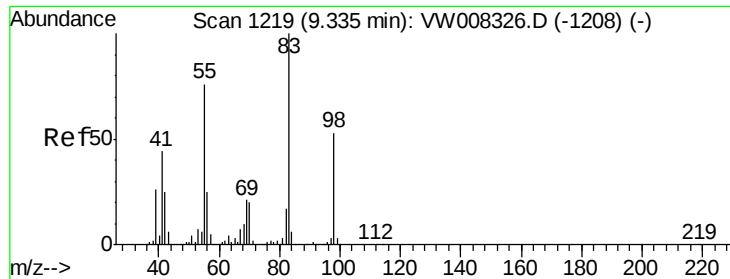
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#38
Carbon Tetrachloride
Concen: 19.032 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	73.8	110.6
121	30.1	23.4	35.0





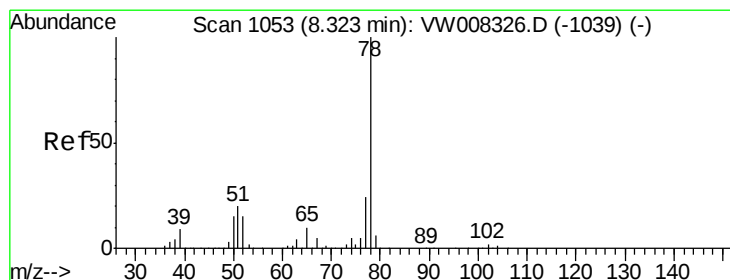
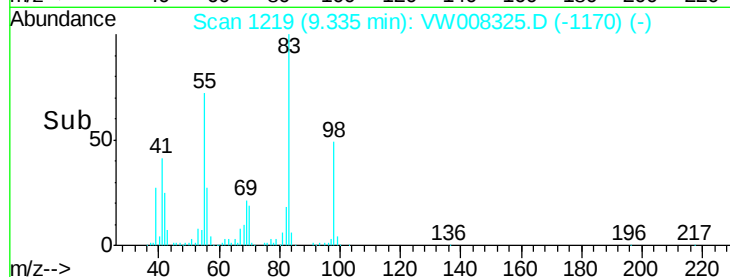
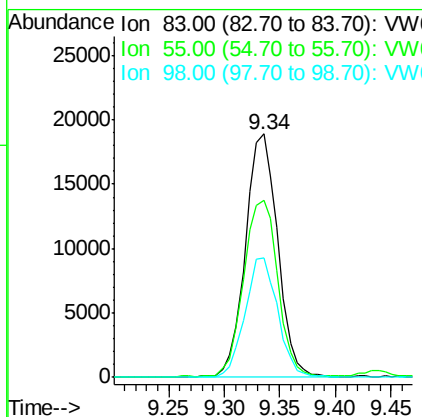
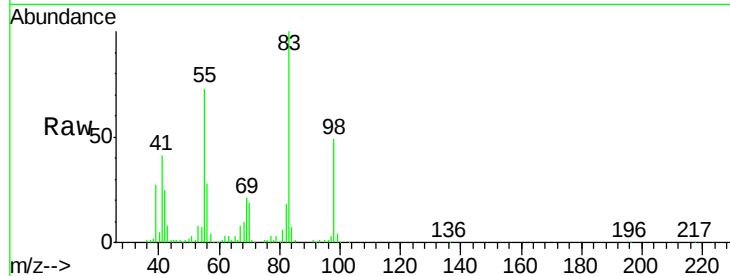
#39
Methvlcvclohexane
Concen: 18.553 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	61.1	91.7
98	49.2	42.5	63.7

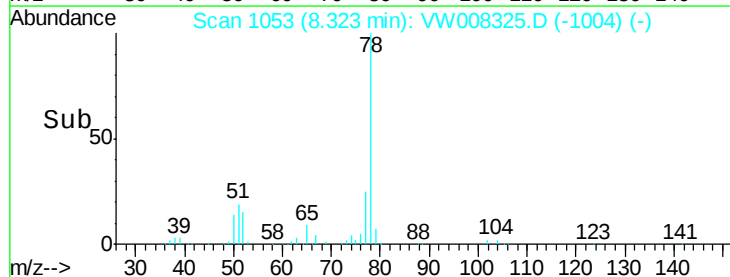
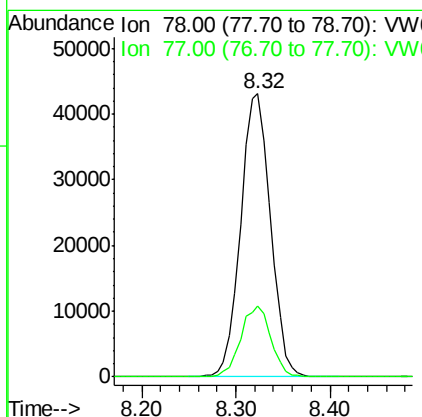
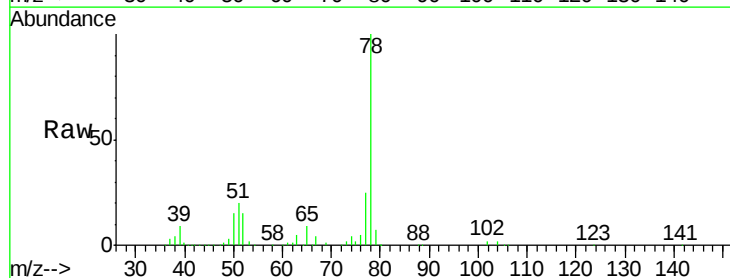
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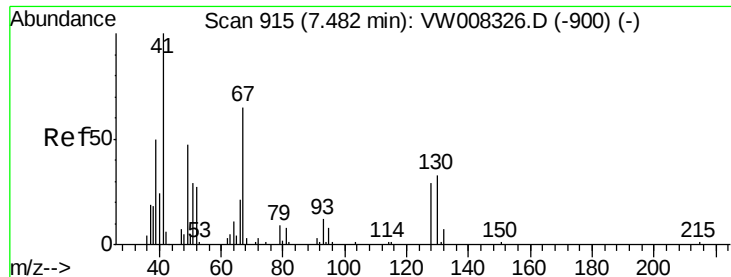
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#40
Benzene
Concen: 19.413 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.0





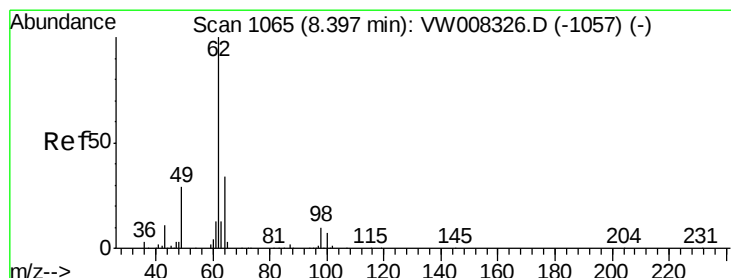
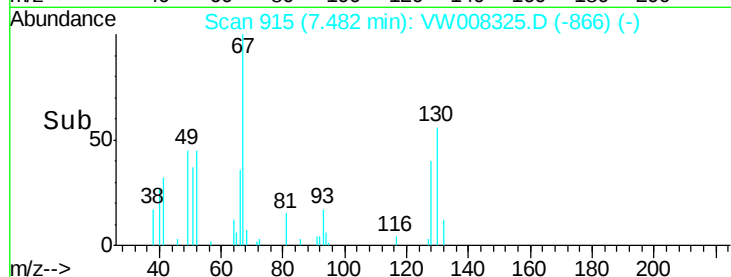
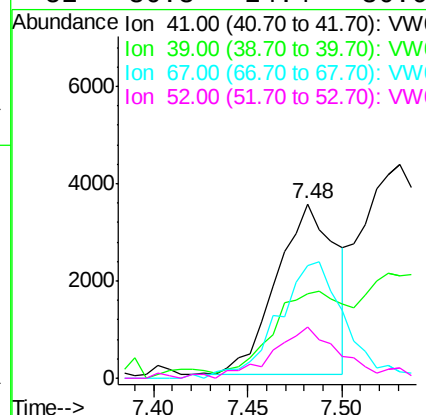
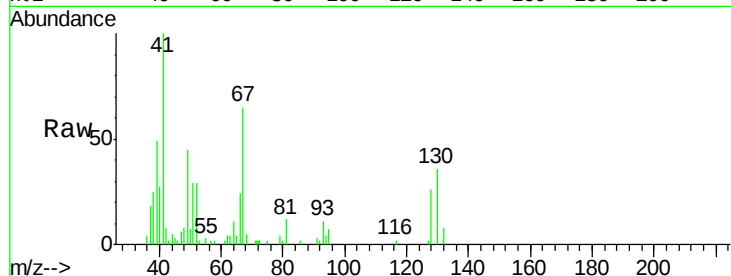
#41
Methacrylonitrile
Concen: 18.520 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion:	41	Resp:	7713
Ion	Ratio	Lower	Upper
41	100		
39	58.7	44.9	67.3
67	75.5	56.9	85.3
52	36.3	24.4	36.6

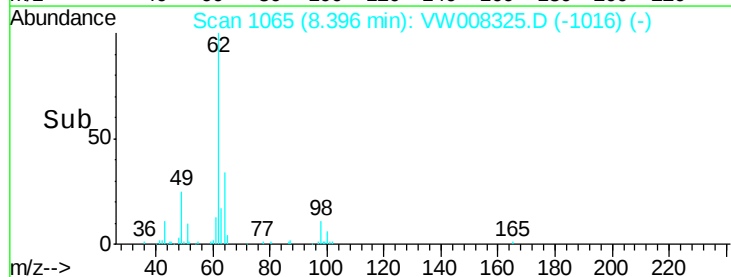
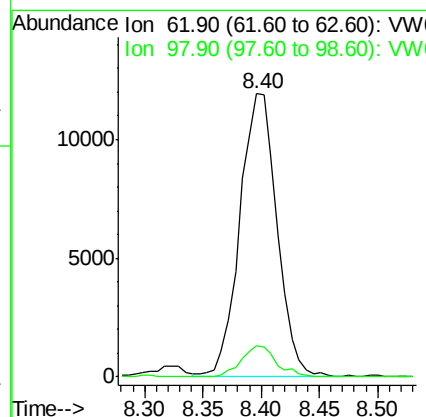
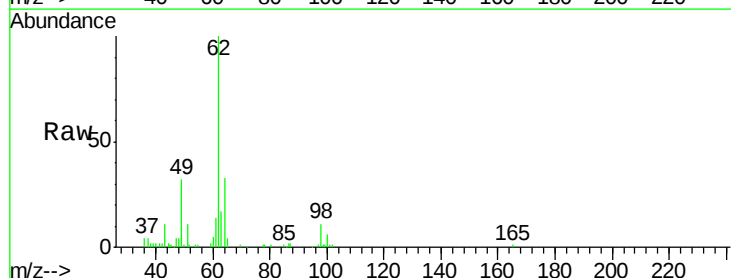
Manual Integrations
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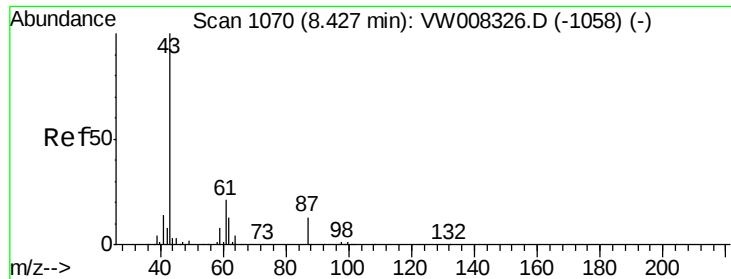
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#42
1,2-Dichloroethane
Concen: 19.393 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion:	62	Resp:	26649
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 18.882 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

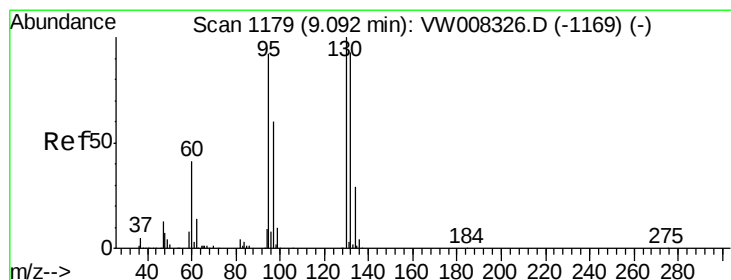
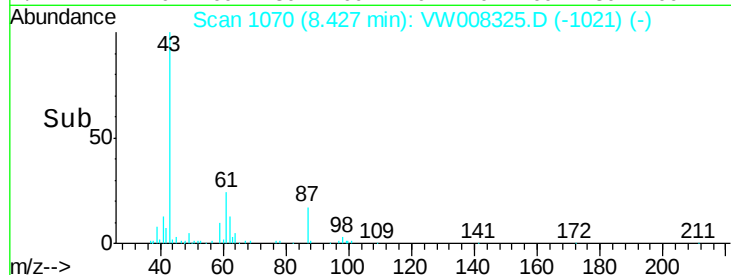
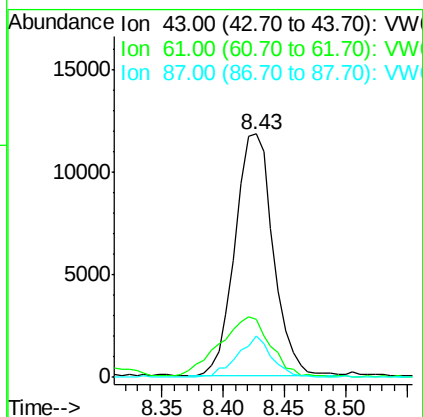
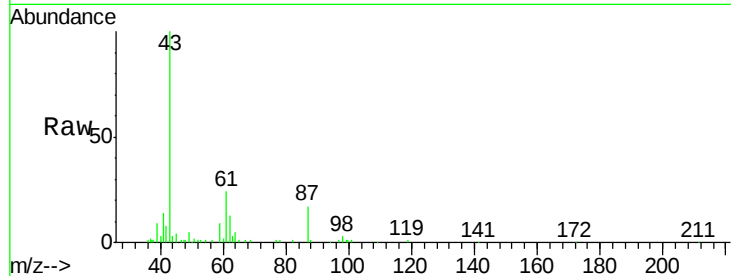
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	25516
Ion	Ratio	Lower	Upper
43	100		
61	33.9	24.8	37.2
87	15.5	10.7	16.1

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#44

Trichloroethene

Concen: 19.069 ug/l

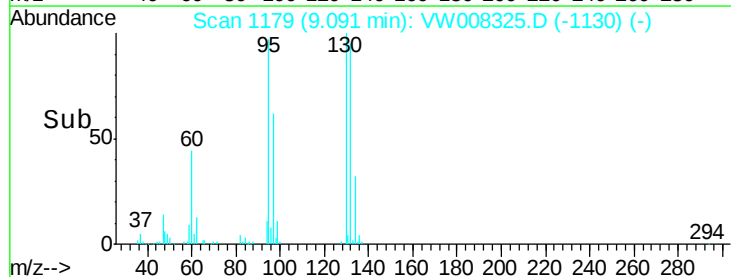
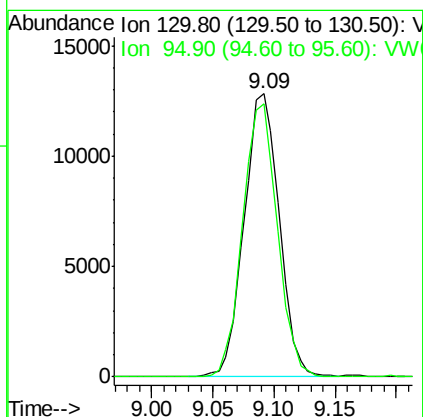
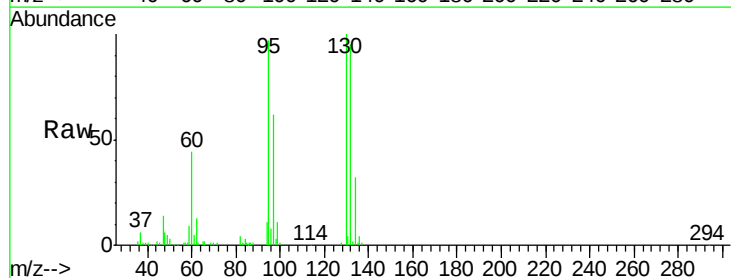
RT: 9.09 min Scan# 1179

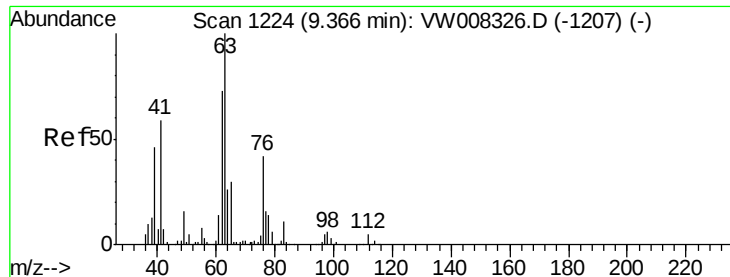
Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Tgt Ion:	130	Resp:	25674
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	184.8





#45

1,2-Dichloropropane

Concen: 19.463 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 63 Resp: 23759

Ion Ratio Lower Upper

63 100

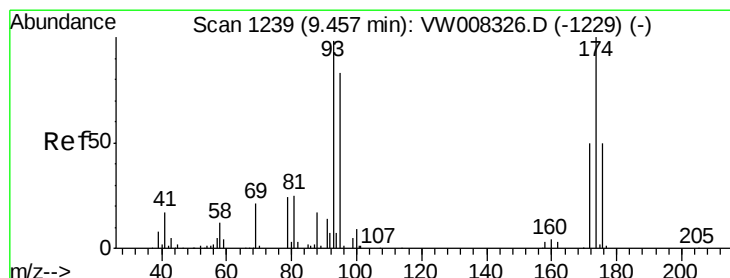
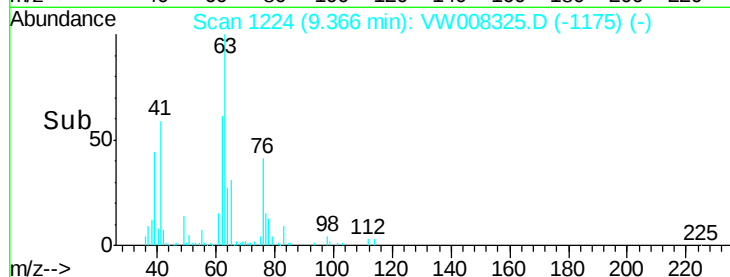
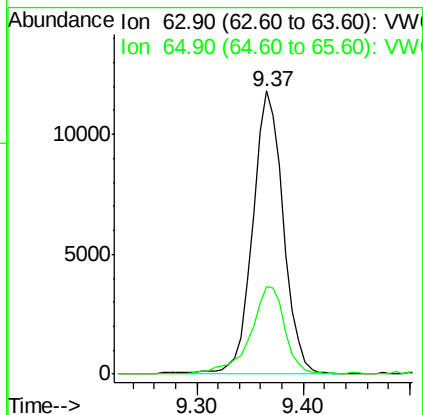
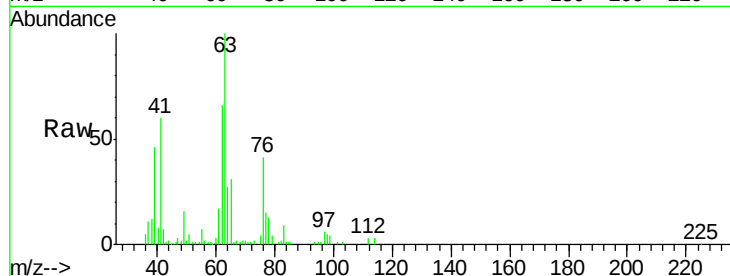
65 31.1 23.9 35.9

Manual Integrations

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#46

Dibromomethane

Concen: 19.817 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

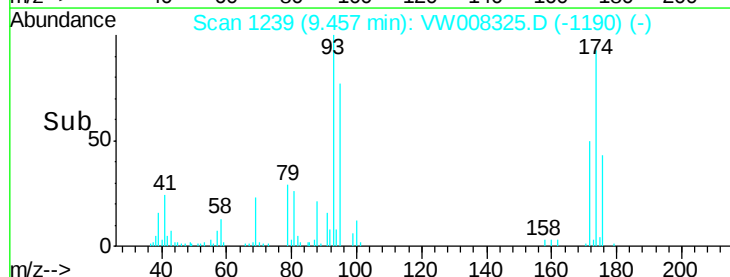
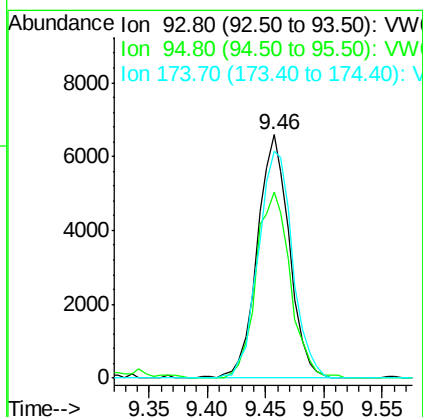
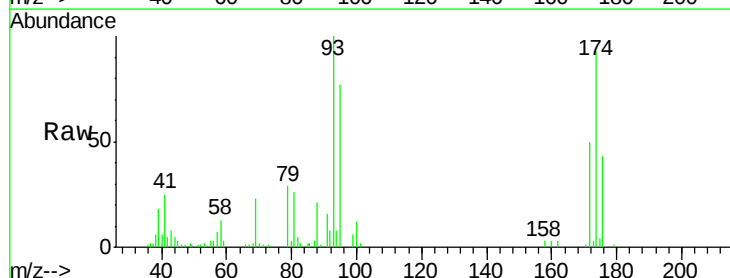
Tgt Ion: 93 Resp: 12608

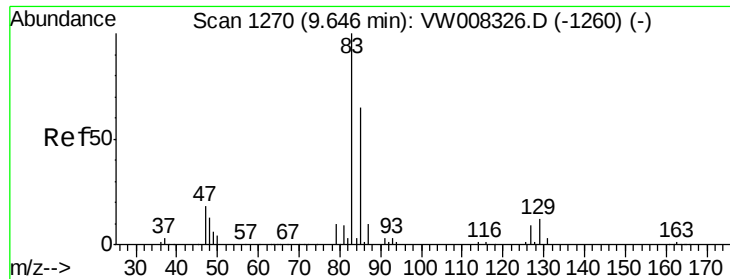
Ion Ratio Lower Upper

93 100

95 81.7 67.8 101.8

174 99.8 84.4 126.6





#47

Bromodichloromethane

Concen: 19.798 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

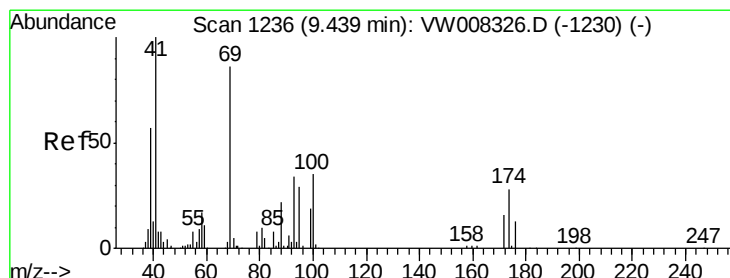
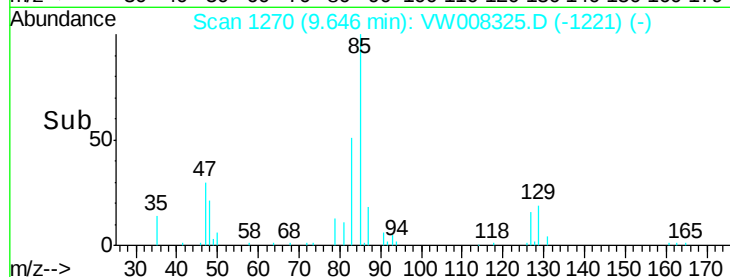
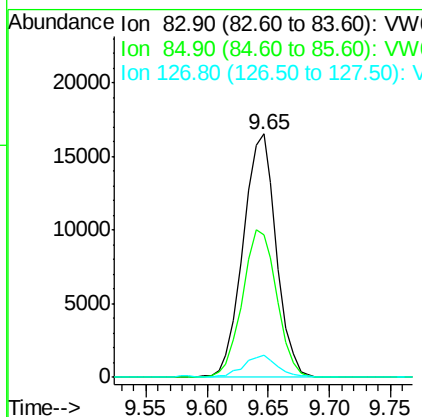
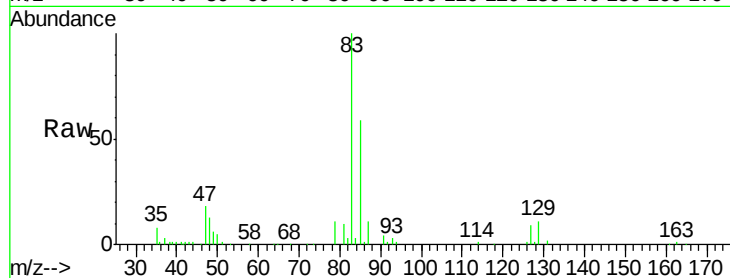
ClientSampled :

VSTDIC020

Tot Ion:	83	Resp:	31070
Ion	Ratio	Lower	Upper
83	100		
85	58.6	51.6	77.4
127	9.4	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.619 ug/l

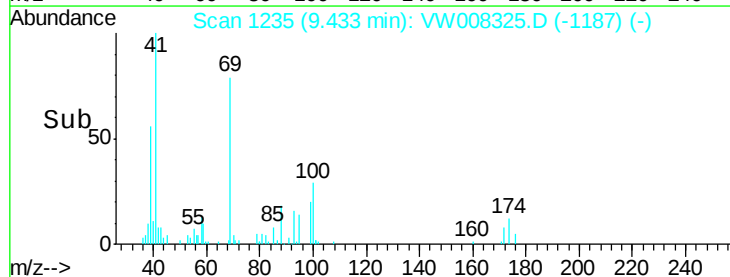
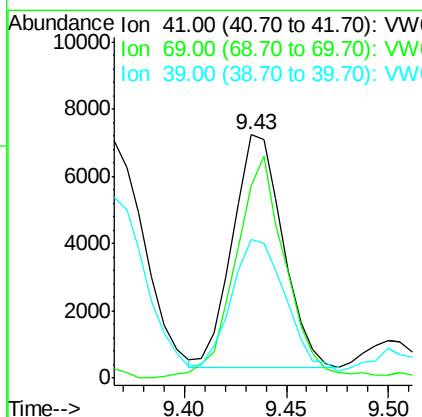
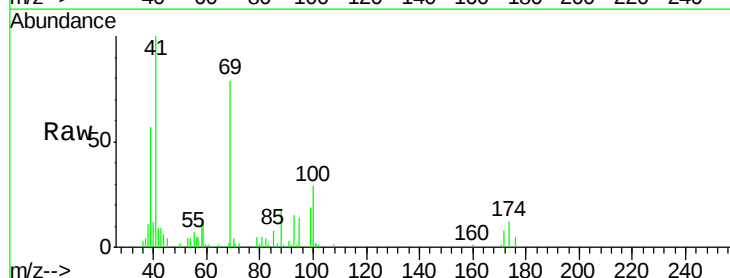
RT: 9.43 min Scan# 1235

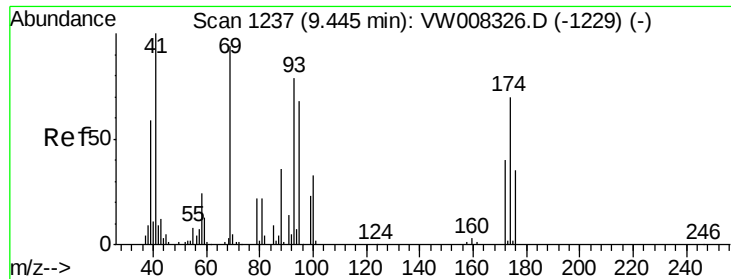
Delta R.T. -0.01 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Tgt Ion:	41	Resp:	11845
Ion	Ratio	Lower	Upper
41	100		
69	94.8	68.2	102.4
39	62.5	46.0	69.0





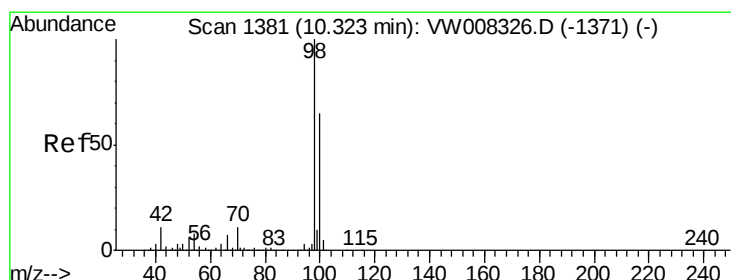
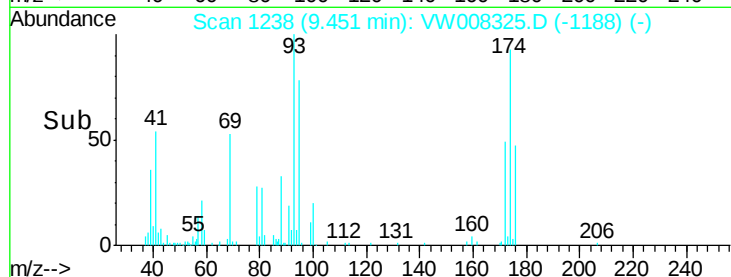
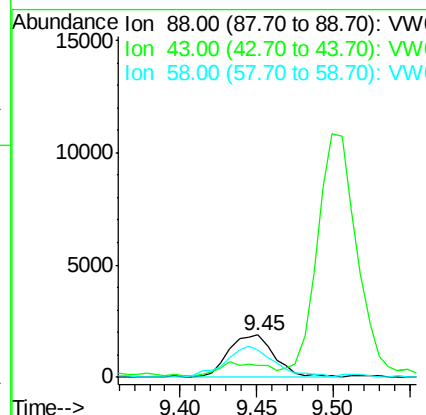
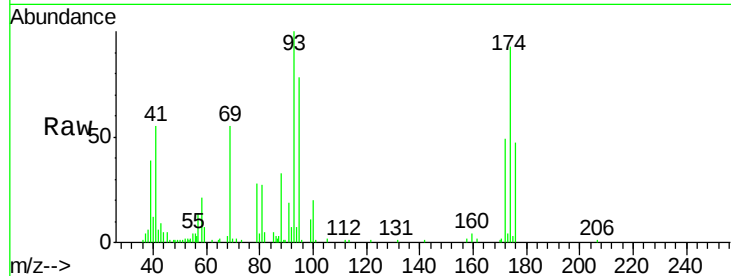
#49
1,4-Dioxane
Concen: 389.575 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	27.1	40.7
58	76.4	57.9	86.9

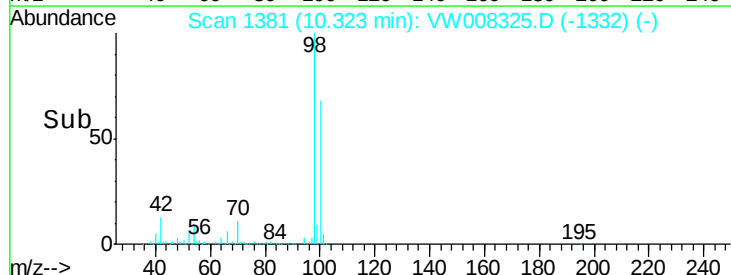
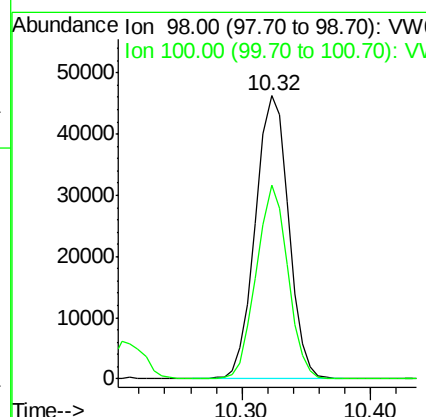
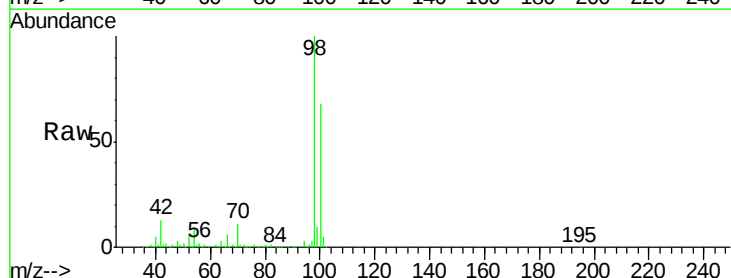
Manual Integrations
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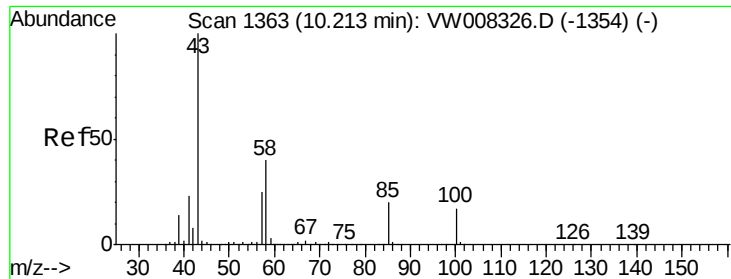
MMDadoda
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#50
Toluene-d8
Concen: 19.059 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 95.736 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 65510

Ion Ratio Lower Upper

43 100

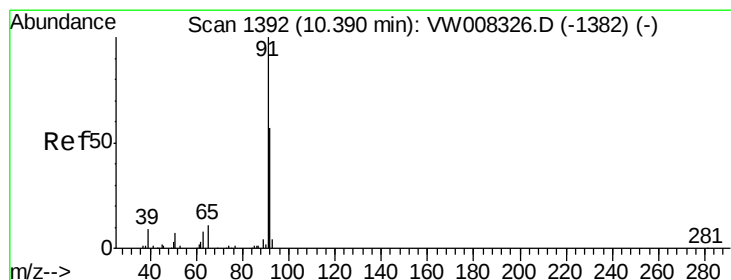
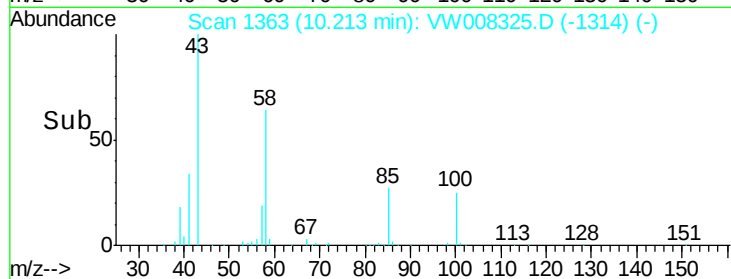
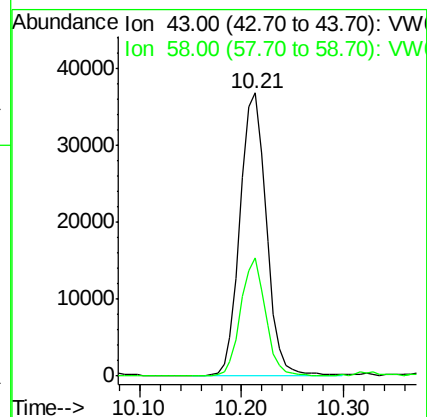
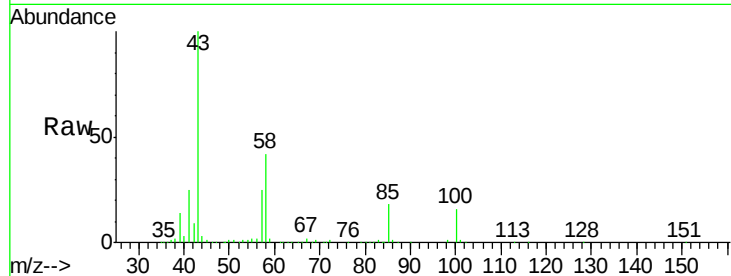
58 39.3 31.4 47.0

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#52

Toluene

Concen: 19.419 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008325.D

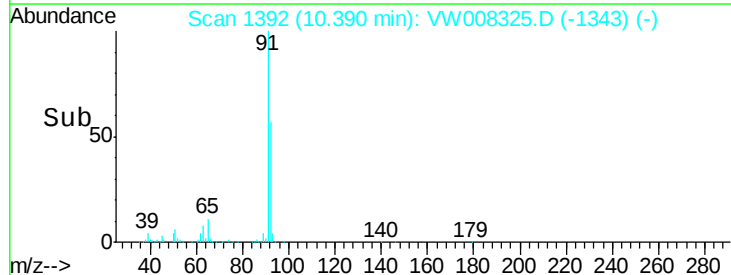
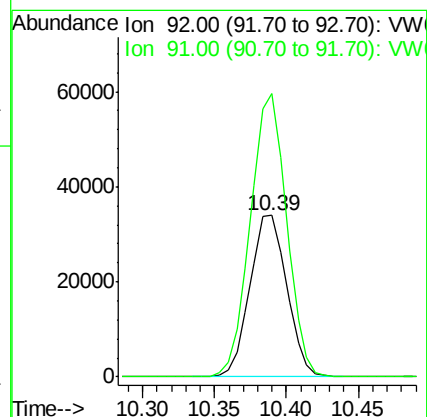
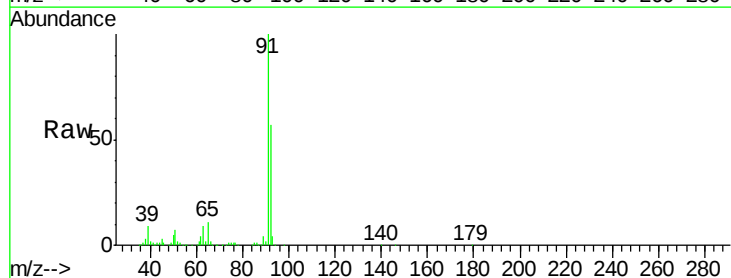
Acq: 17 Jan 2019 13:39

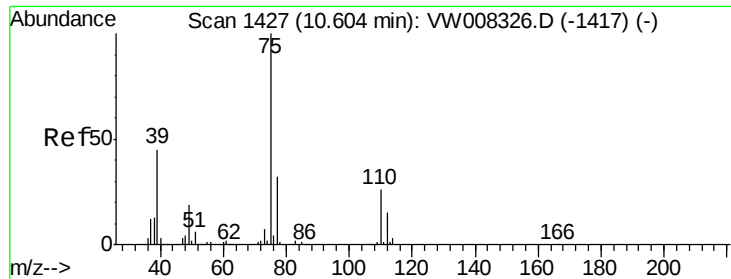
Tgt Ion: 92 Resp: 60394

Ion Ratio Lower Upper

92 100

91 171.8 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 19.207 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 30084

Ion Ratio Lower Upper

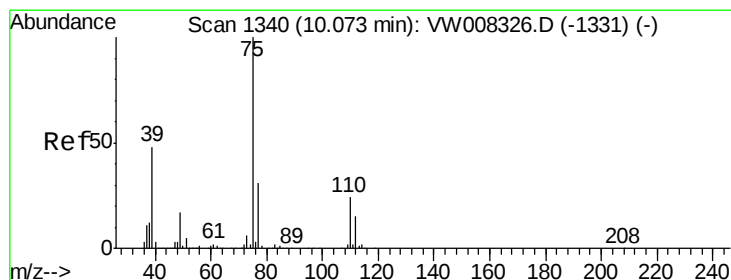
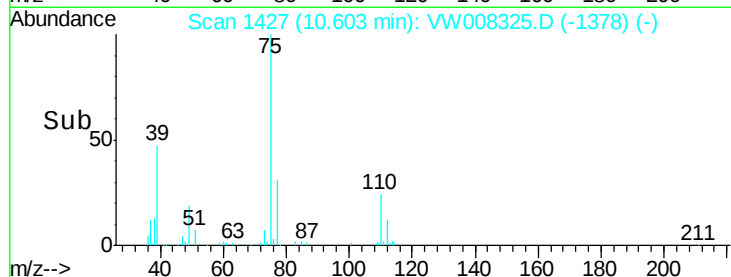
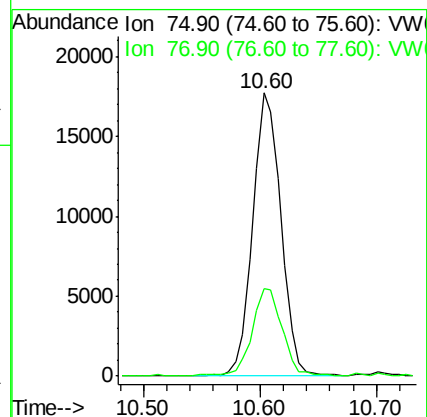
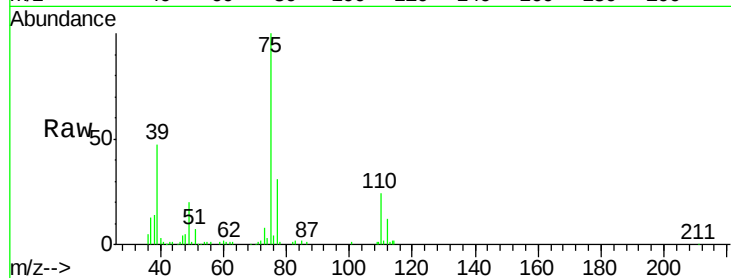
75 100

77 30.8 25.8 38.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 19.138 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

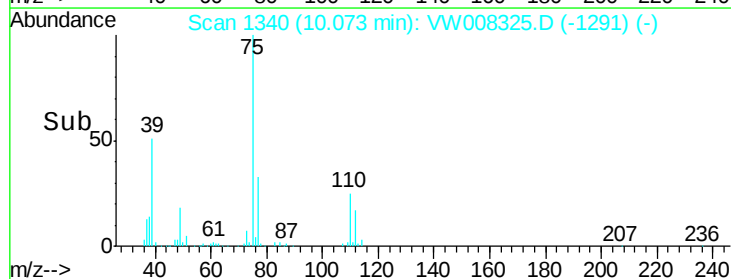
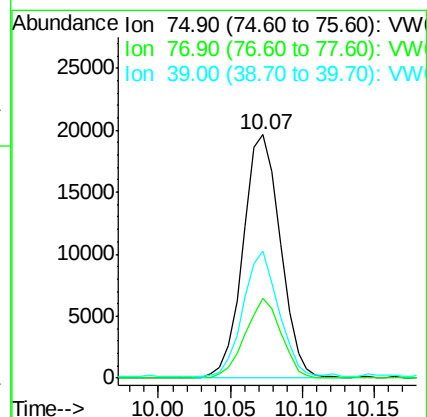
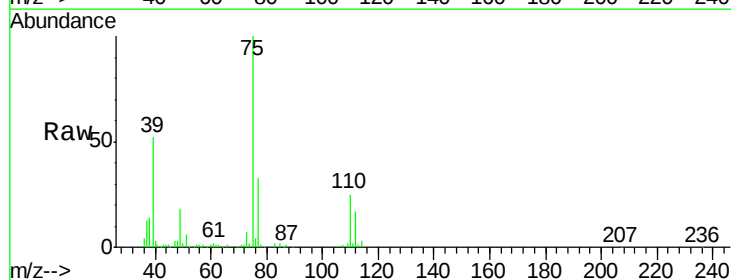
Tgt Ion: 75 Resp: 35337

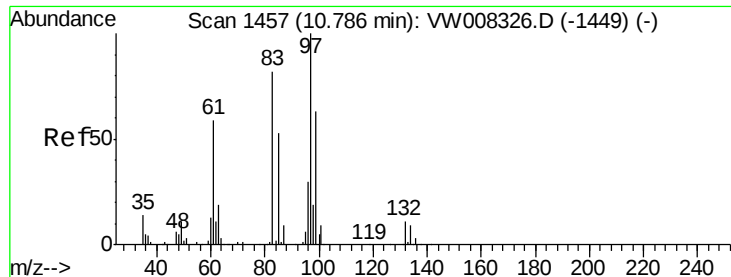
Ion Ratio Lower Upper

75 100

77 32.7 24.4 36.6

39 51.9 38.6 57.8





#55

1,1,2-Trichloroethane

Concen: 20.055 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

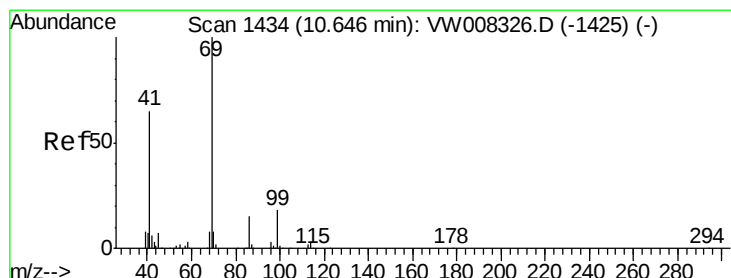
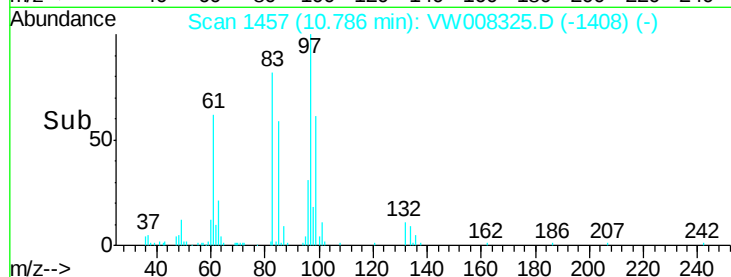
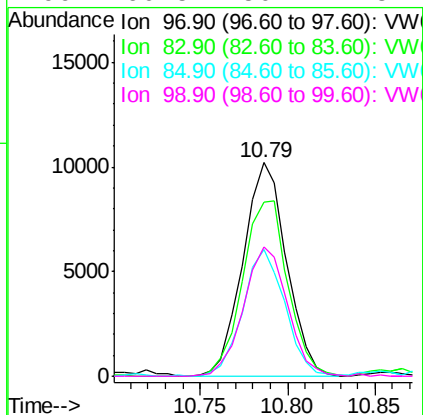
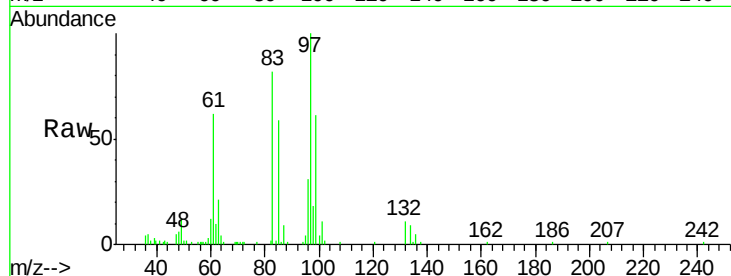
ClientSampleId :

VSTDIC020

Tot Ion:	97	Resp:	17697
Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.3	97.9
85	59.1	42.6	64.0
99	60.5	50.2	75.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.191 ug/l

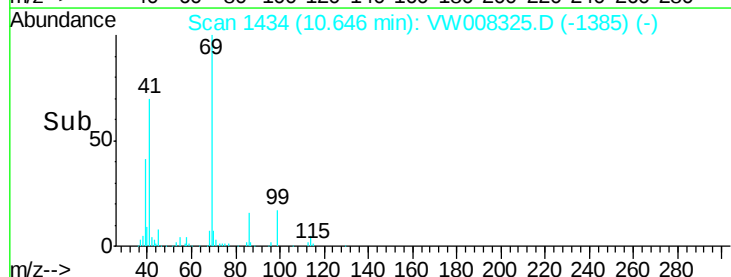
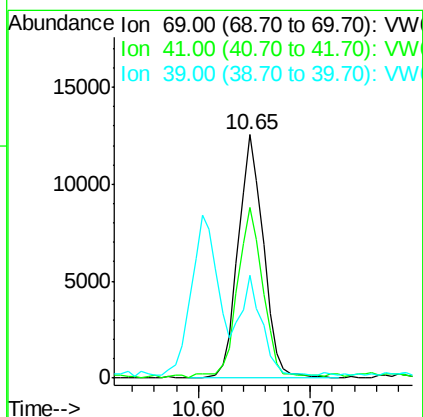
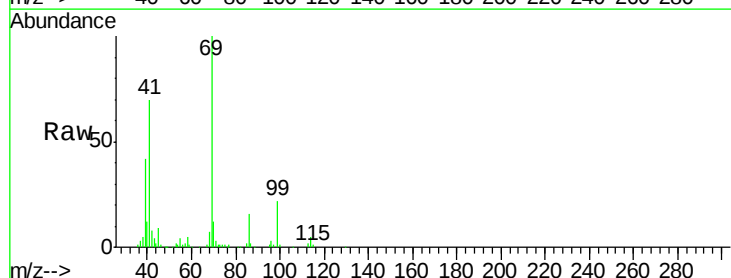
RT: 10.65 min Scan# 1434

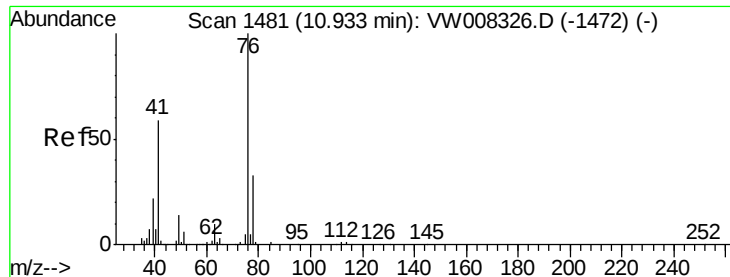
Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Tgt Ion:	69	Resp:	19889
Ion	Ratio	Lower	Upper
69	100		
41	71.3	52.9	79.3
39	35.6	28.4	42.6





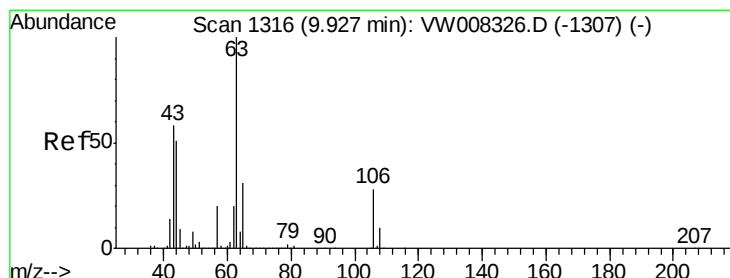
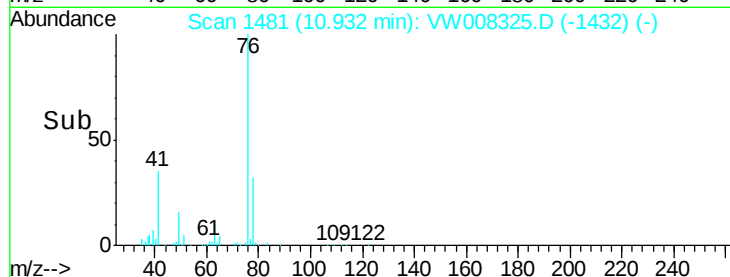
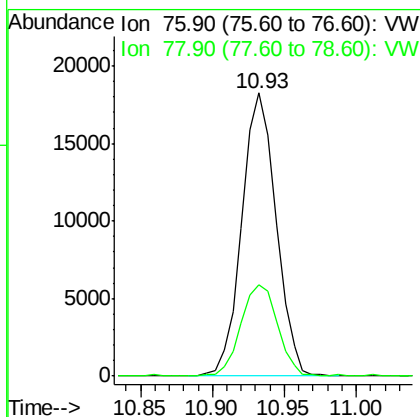
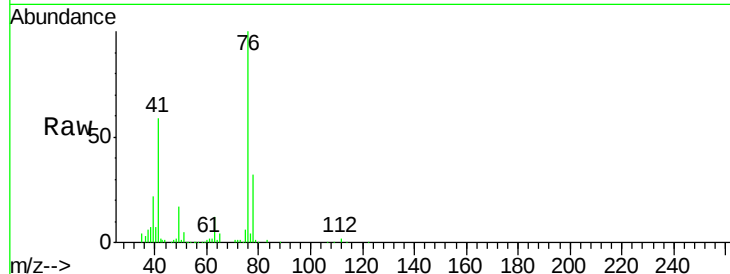
#57
 1,3-Dichloropropane
 Concen: 19.715 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.4	26.1	39.1

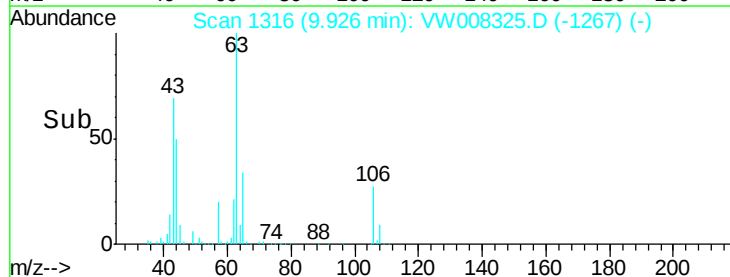
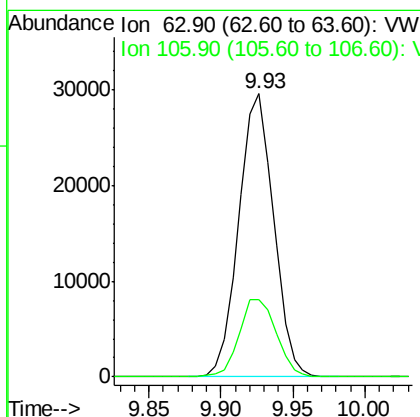
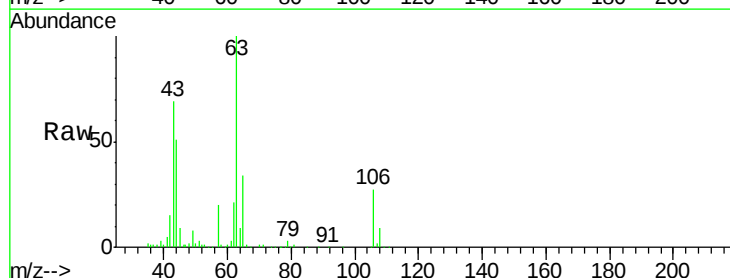
Manual Integrations
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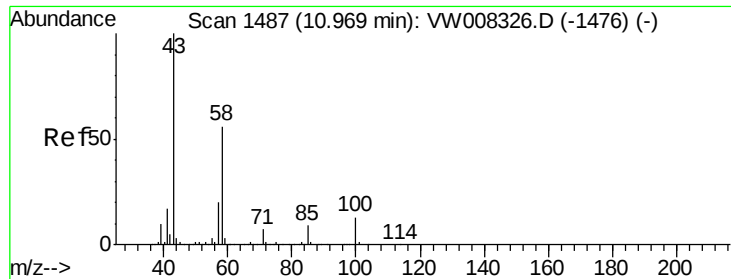
MMDadoda
 1/18/2019 2:09:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.592 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.2	22.9	34.3





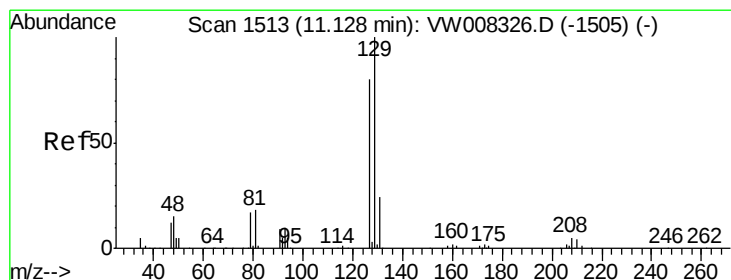
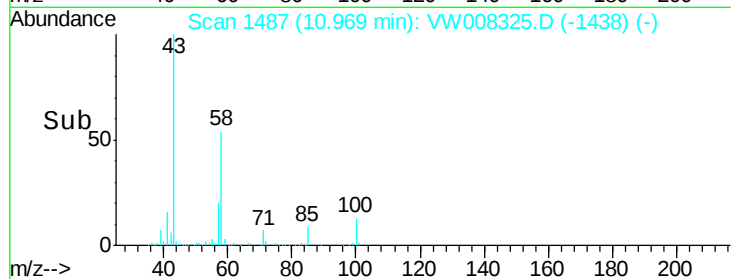
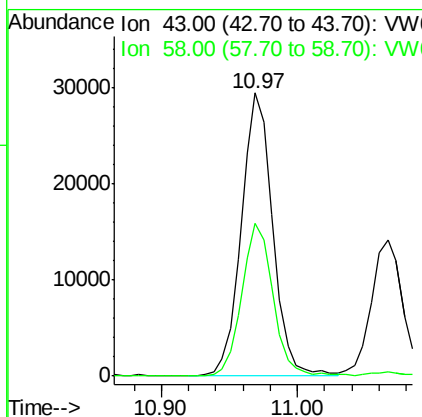
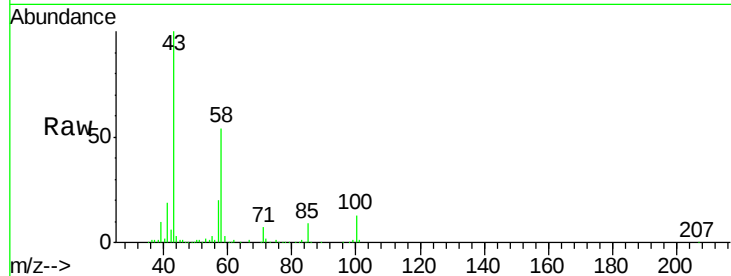
#59
2-Hexanone
Concen: 98.144 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	43	Resp	47055
Ion Ratio	100	Lower	Upper
43	100		
58	54.4	27.5	82.5

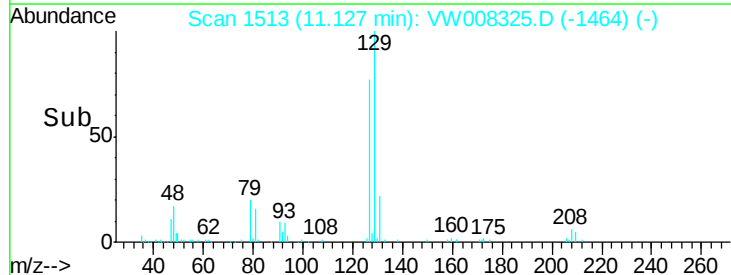
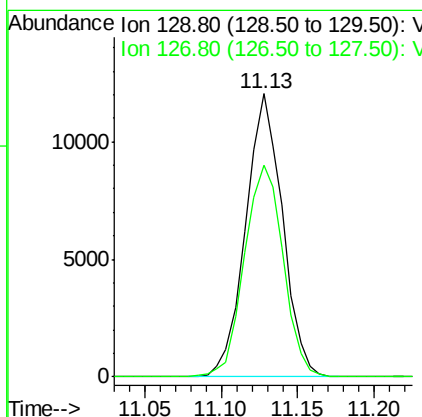
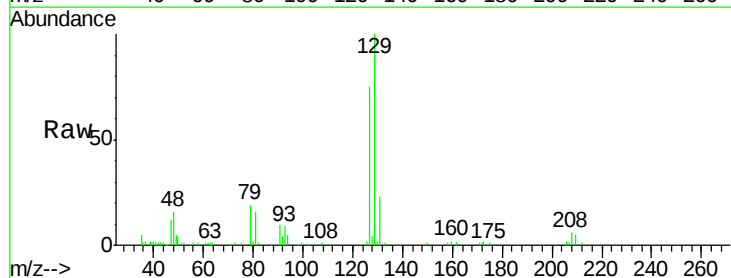
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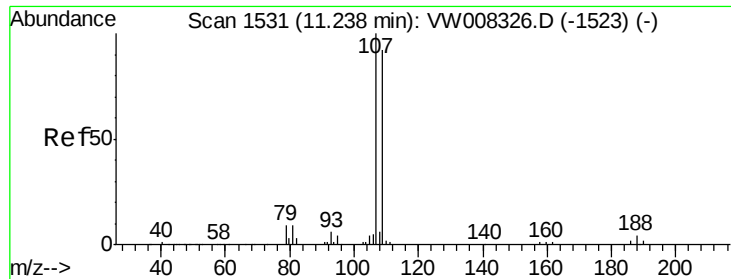
MMDadoda
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#60
Dibromochloromethane
Concen: 19.119 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	129	Resp	20136
Ion Ratio	100	Lower	Upper
129	100		
127	78.7	39.1	117.2





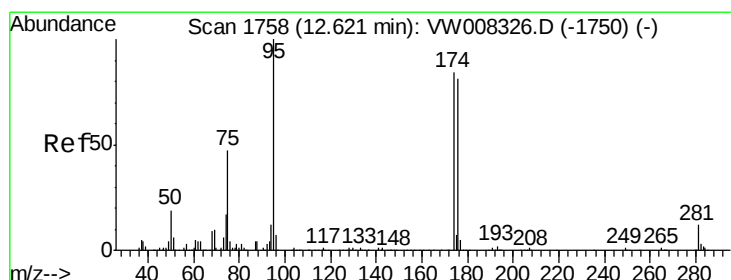
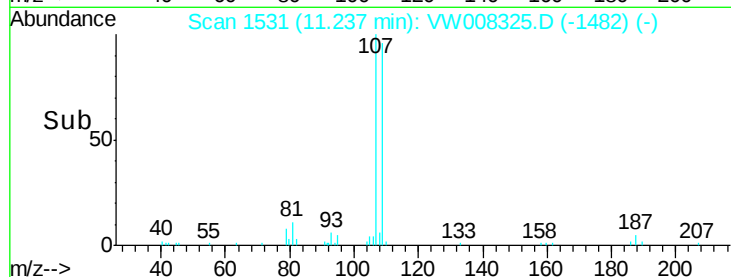
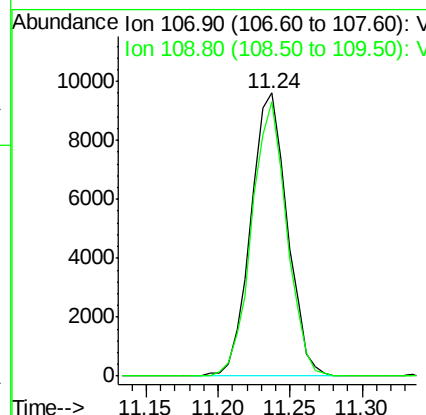
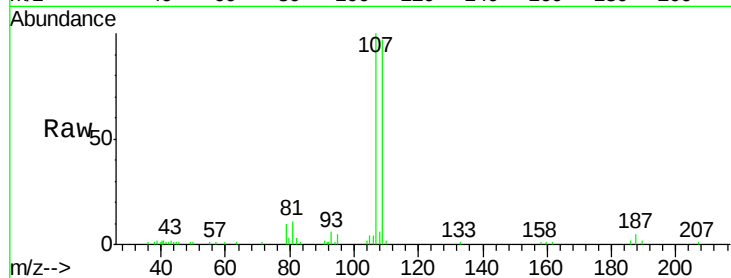
#61
 1,2-Dibromoethane
 Concen: 19.683 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 107 Resp: 16819
 Ion Ratio Lower Upper
 107 100
 109 92.7 74.0 111.0

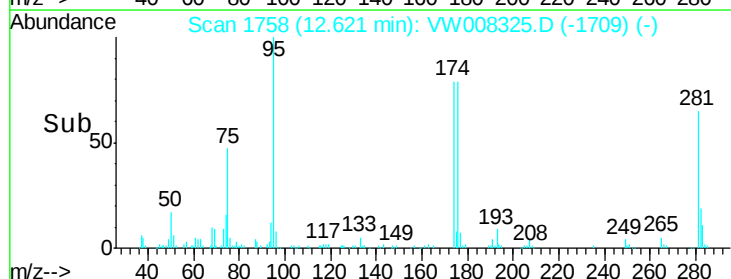
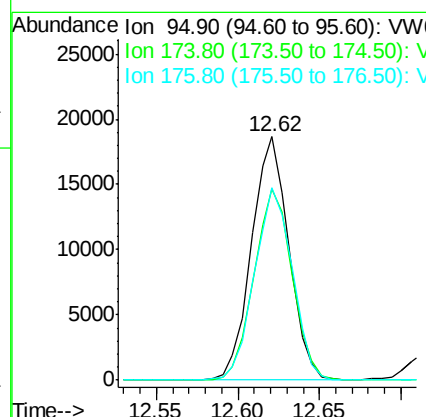
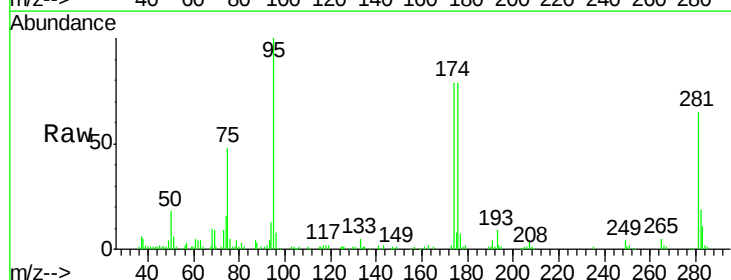
Manual Integrations
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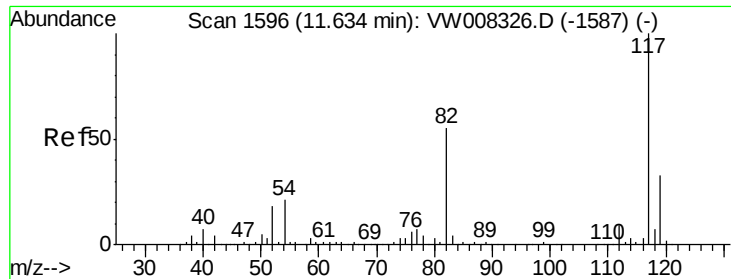
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 19.074 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Tgt Ion: 95 Resp: 29581
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 166.0
 176 80.3 0.0 160.0





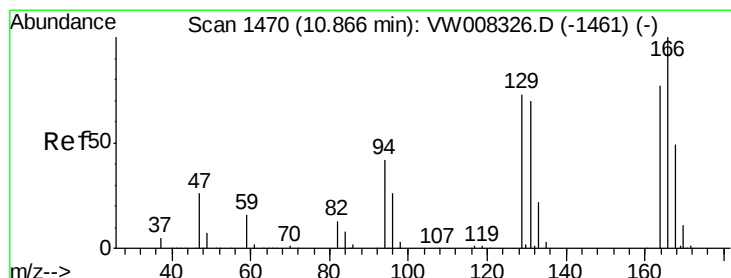
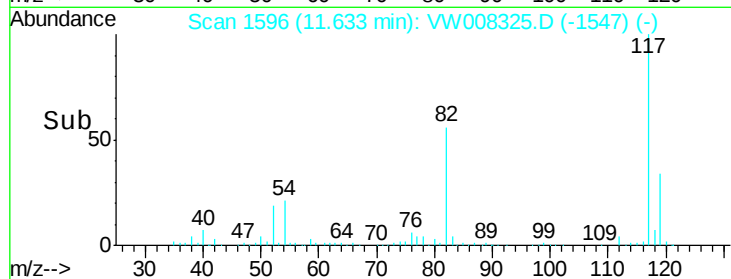
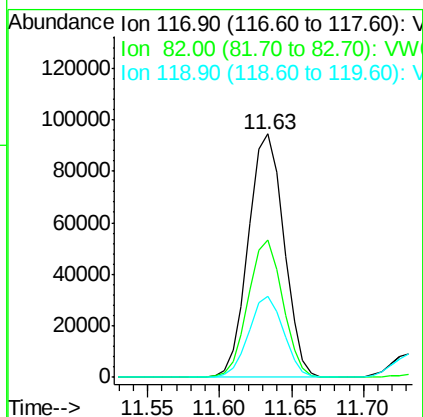
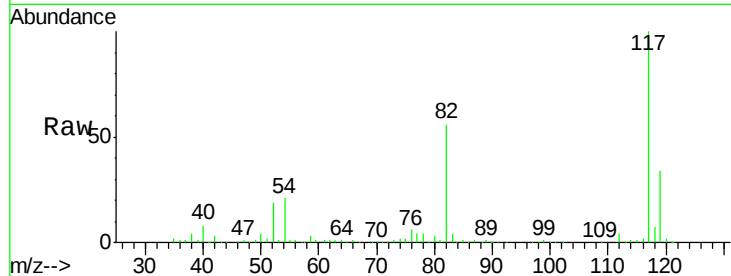
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.3	66.5
119	33.5	26.3	39.5

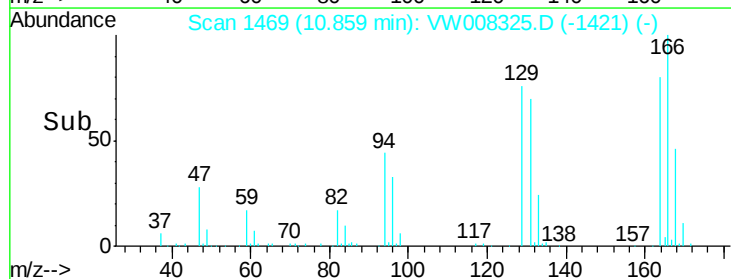
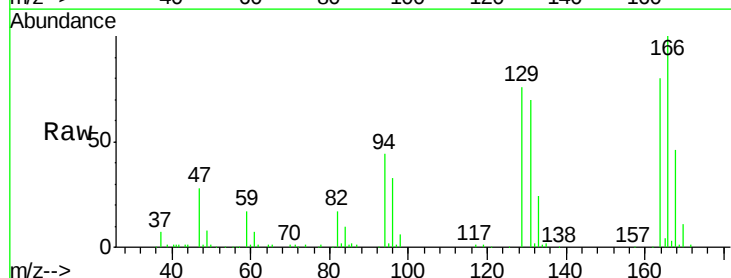
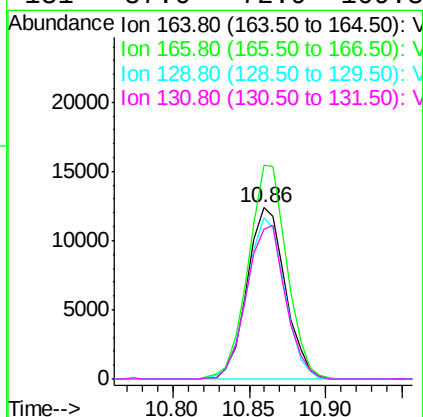
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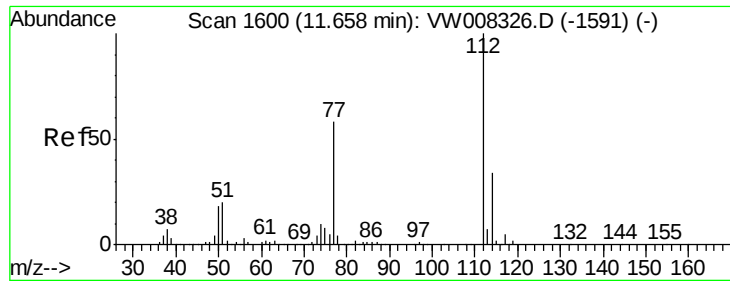
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#64
Tetrachloroethene
Concen: 18.973 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	103.4	155.2
129	94.4	75.0	112.6
131	87.6	72.9	109.3





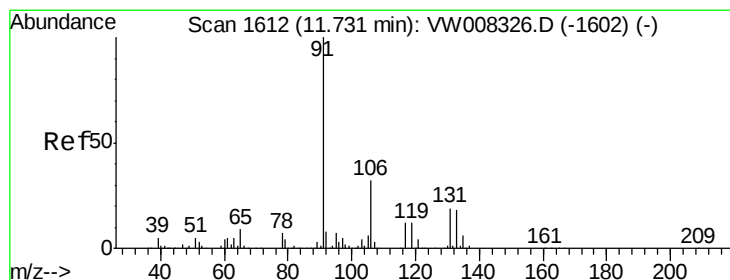
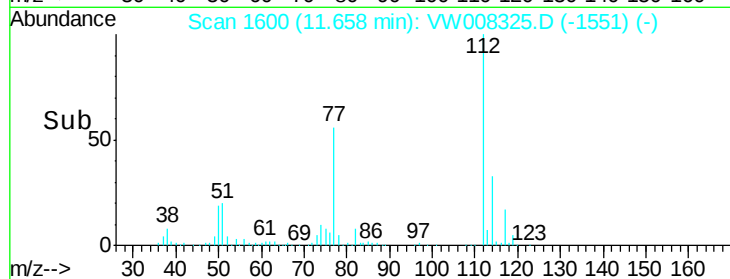
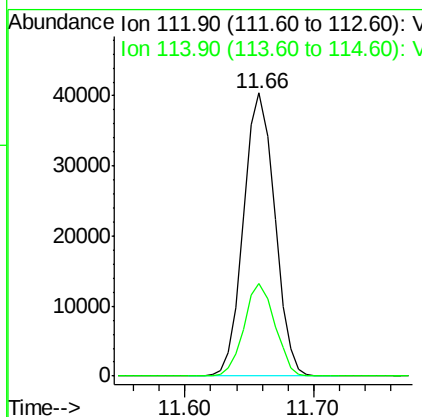
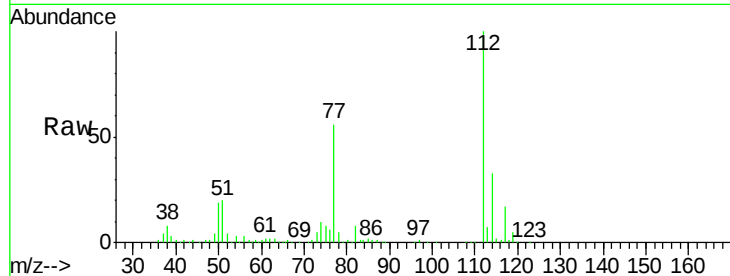
#65
Chlorobenzene
Concen: 19.286 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion:112 Resp: 67791
Ion Ratio Lower Upper
112 100
114 32.7 26.9 40.3

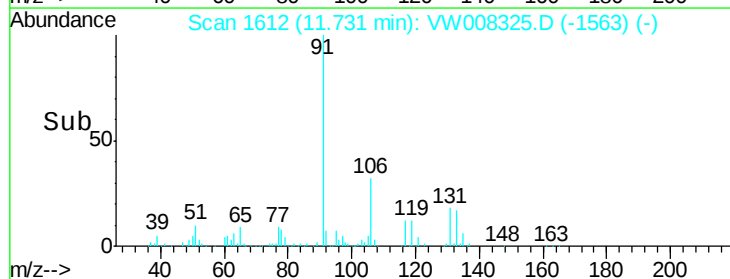
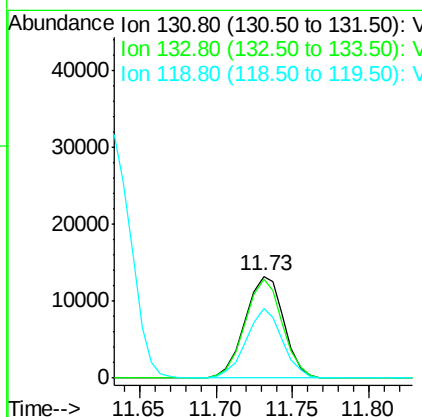
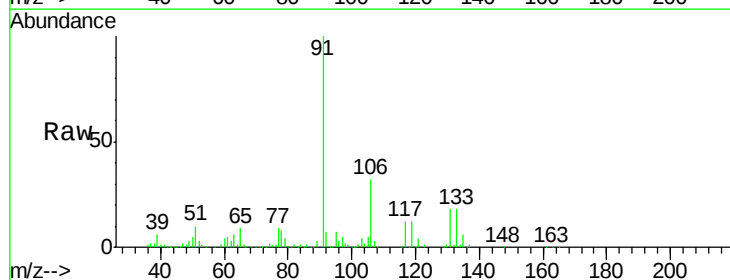
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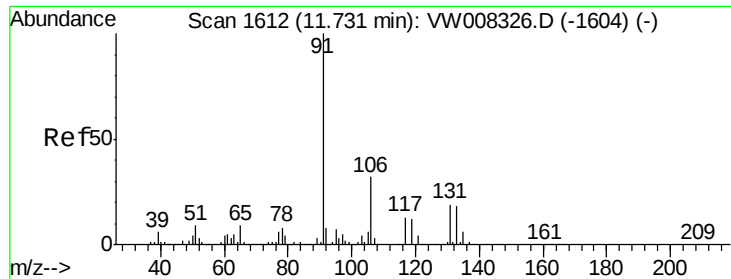
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.194 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion:131 Resp: 23221
Ion Ratio Lower Upper
131 100
133 94.0 48.2 144.6
119 64.3 31.6 94.7





#67

Ethyl Benzene

Concen: 18.800 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 91 Resp: 114743

Ion Ratio Lower Upper

91 100

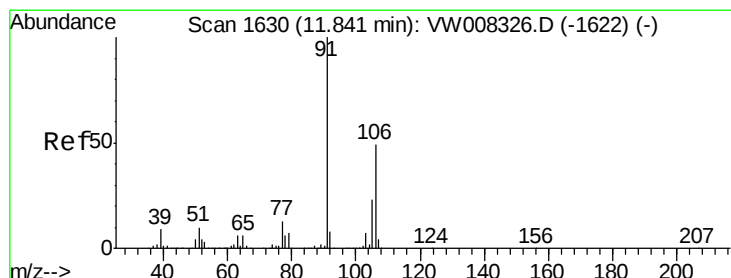
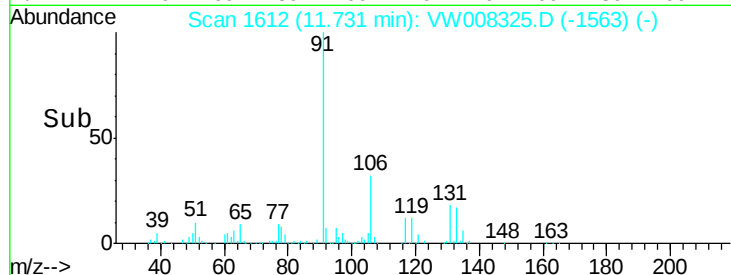
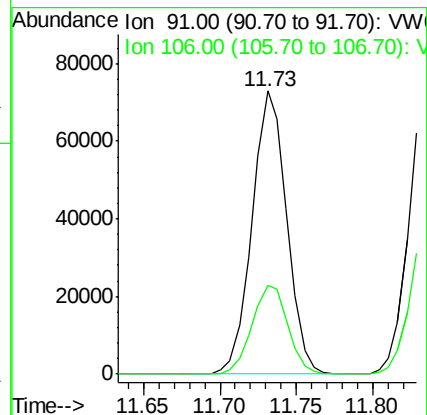
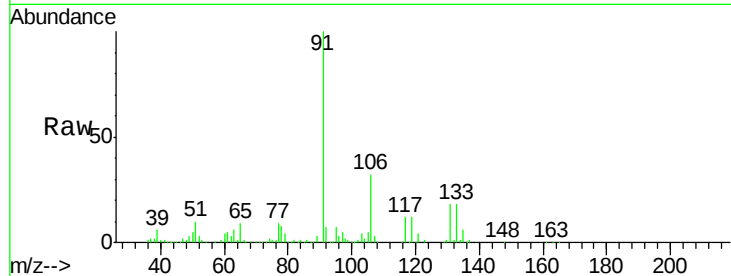
106 31.6 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.207 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW008325.D

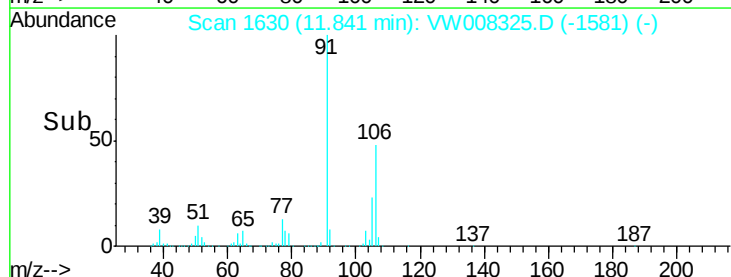
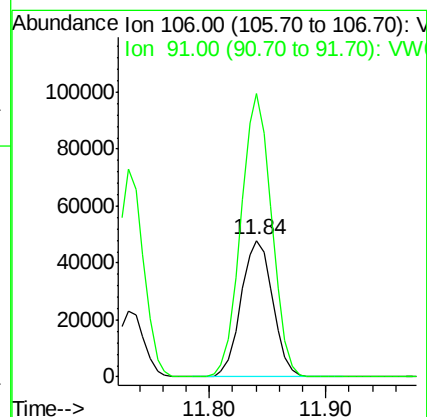
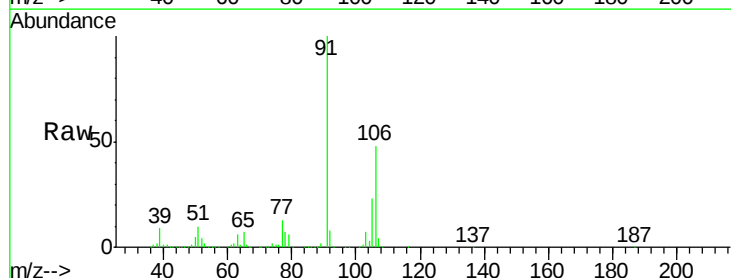
Acq: 17 Jan 2019 13:39

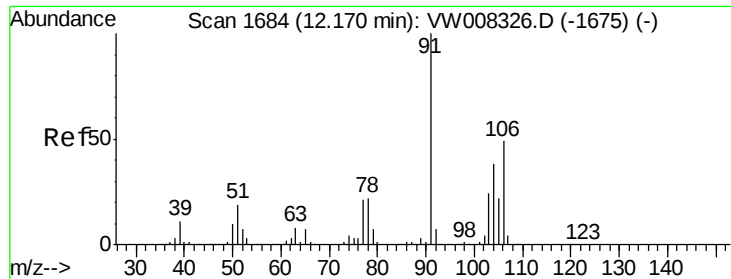
Tgt Ion: 106 Resp: 90510

Ion Ratio Lower Upper

106 100

91 201.9 158.4 237.6





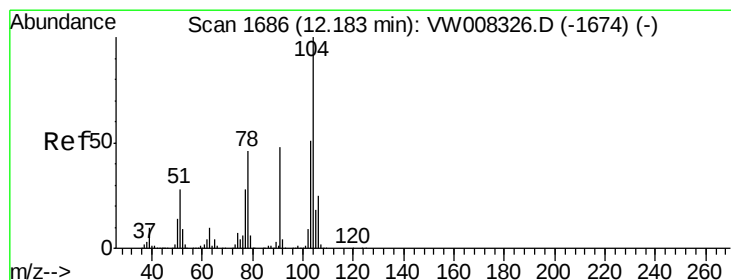
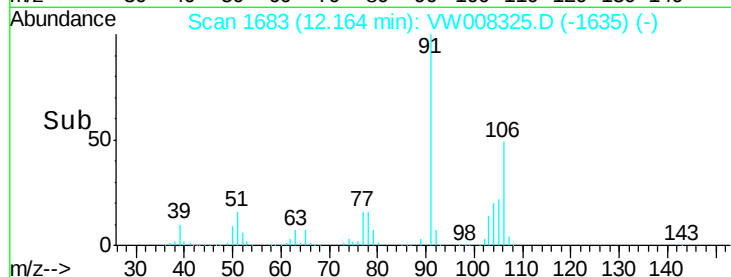
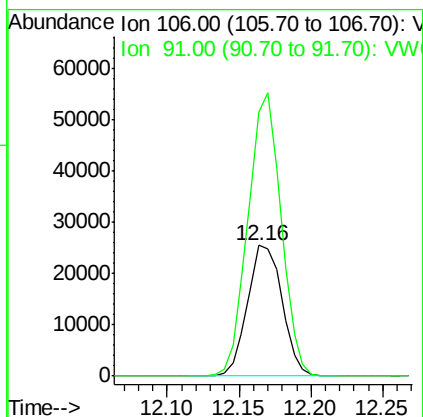
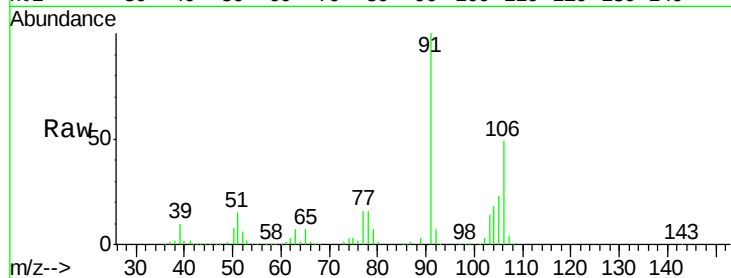
#69
o-Xylene
Concen: 19.173 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 42434
Ion Ratio Lower Upper
106 100
91 207.5 104.1 312.3

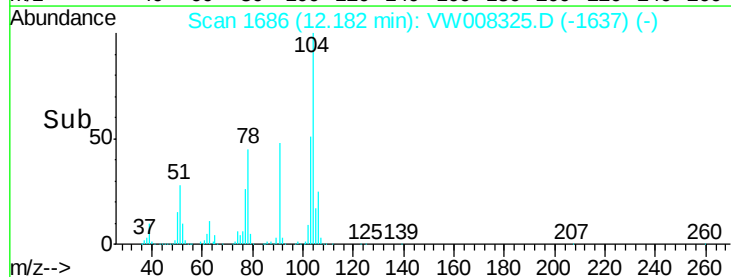
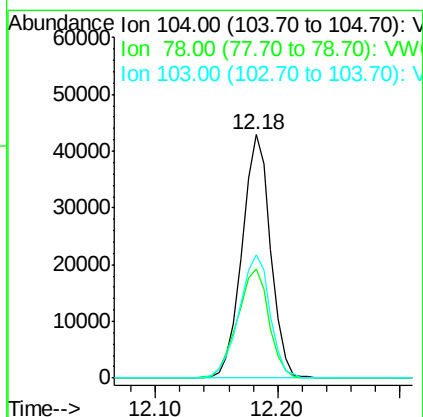
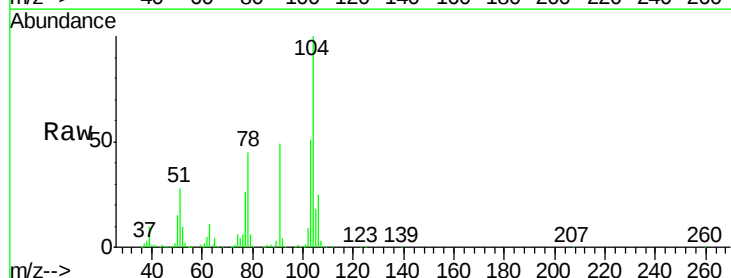
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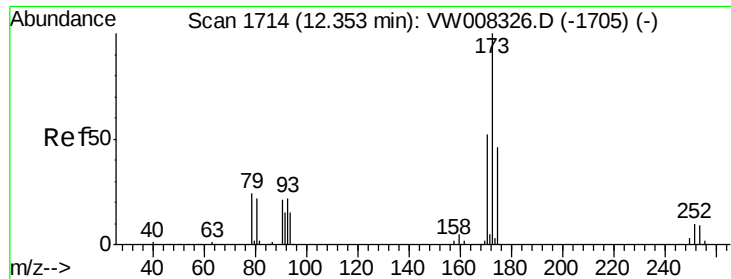
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#70
Styrene
Concen: 19.481 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion:104 Resp: 69256
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.6
103 54.9 44.0 66.0





#71

Bromoform

Concen: 19.293 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

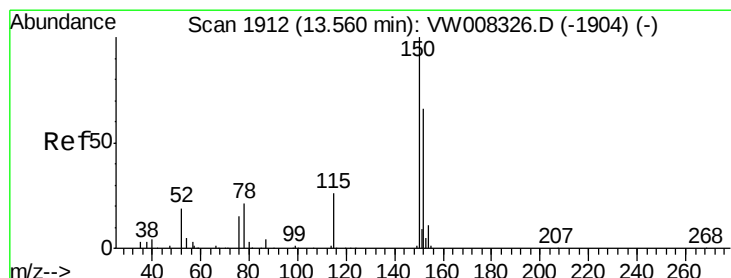
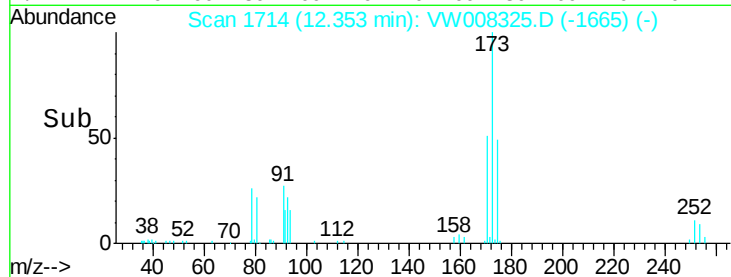
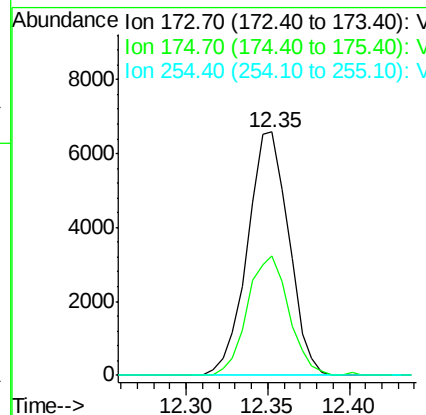
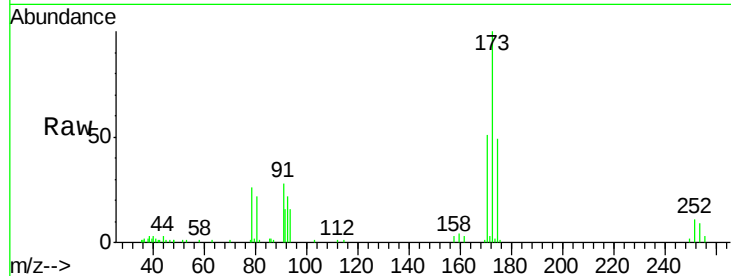
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.6	70.8
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

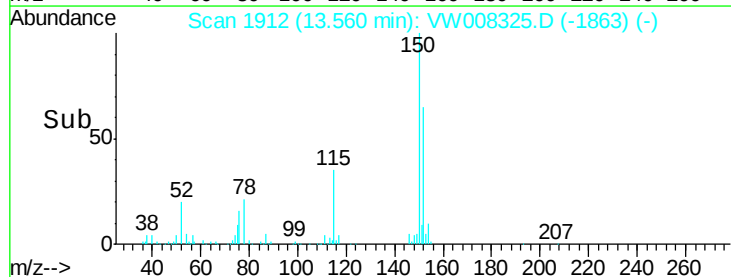
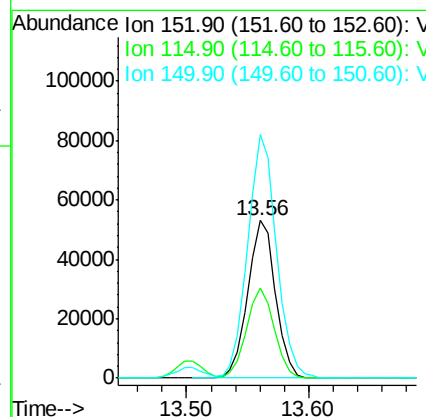
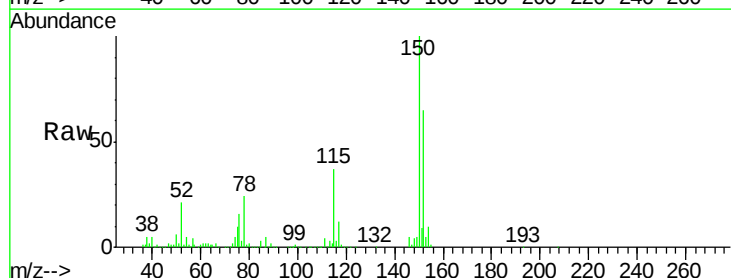
RT: 13.56 min Scan# 1912

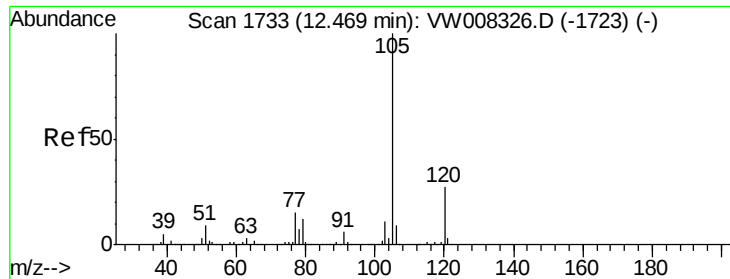
Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.8	86.4
150	160.1	0.0	351.4





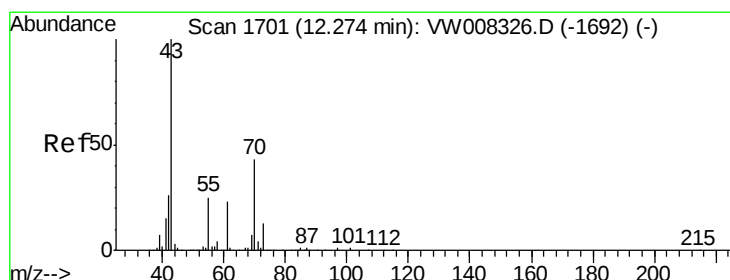
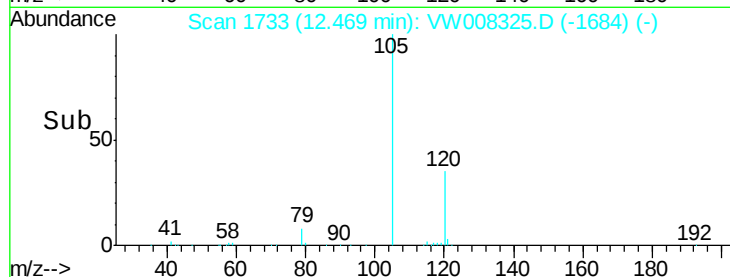
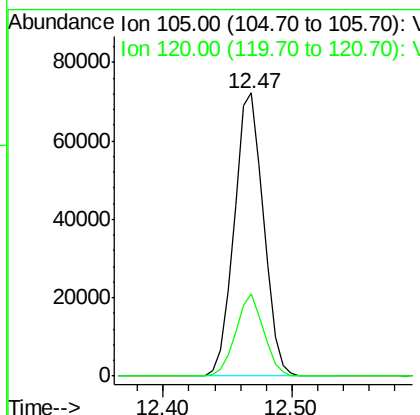
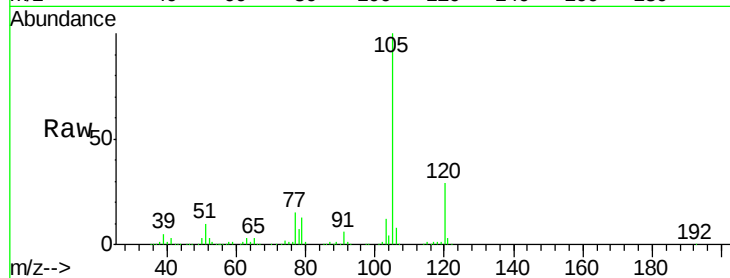
#73
Isopropylbenzene
Concen: 18.657 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.6	40.8

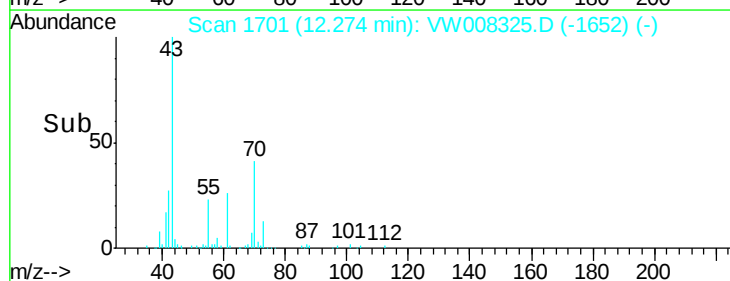
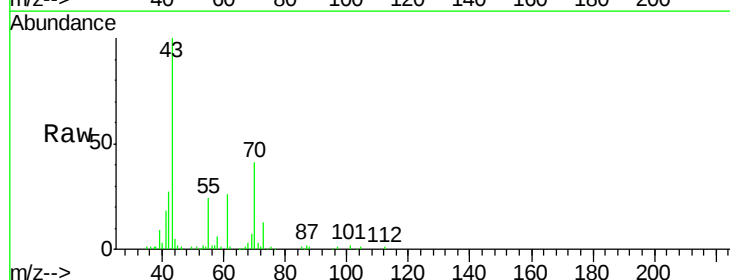
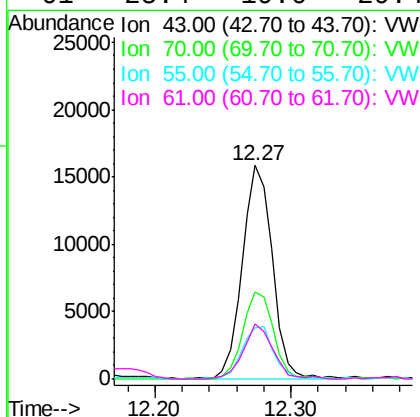
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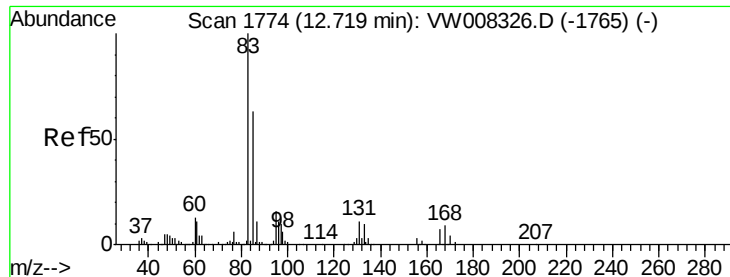
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#74
N-ethyl acetate
Concen: 18.814 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.6	34.6	52.0
55	26.1	20.0	30.0
61	25.4	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.863 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

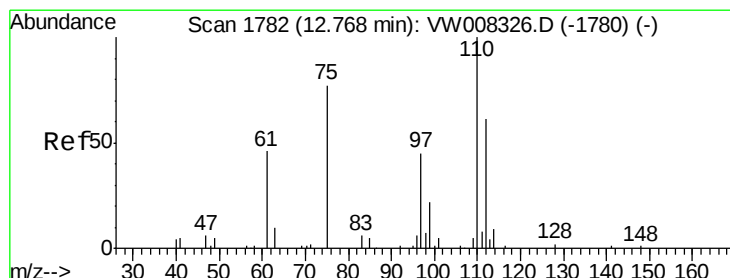
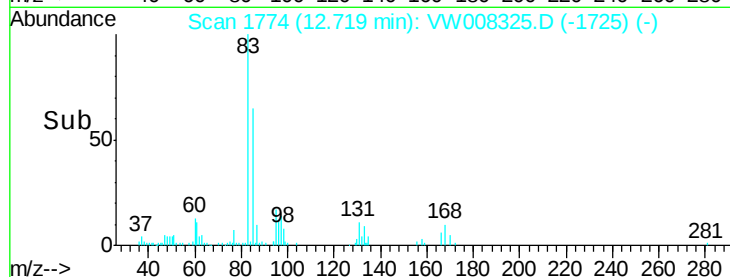
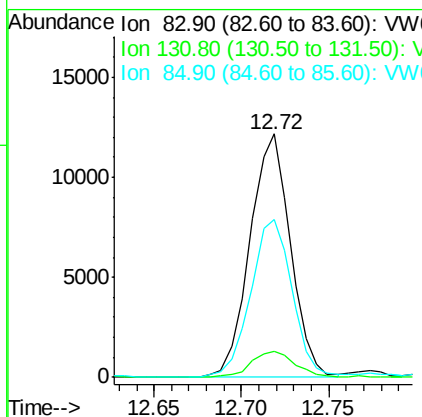
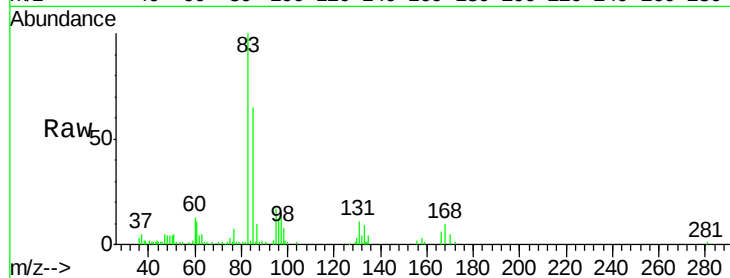
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	19602
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.5	16.5
85	66.5	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.974 ug/l m

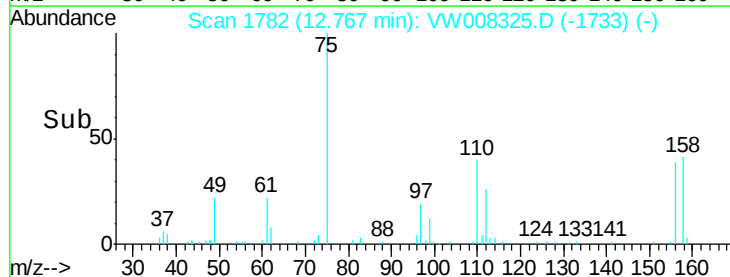
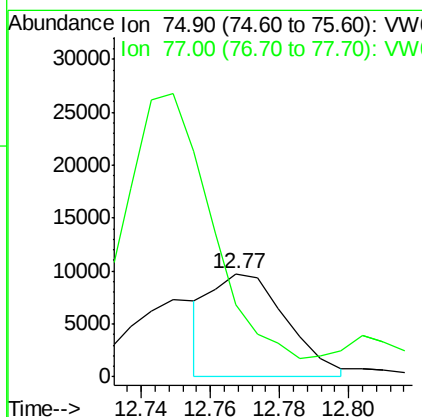
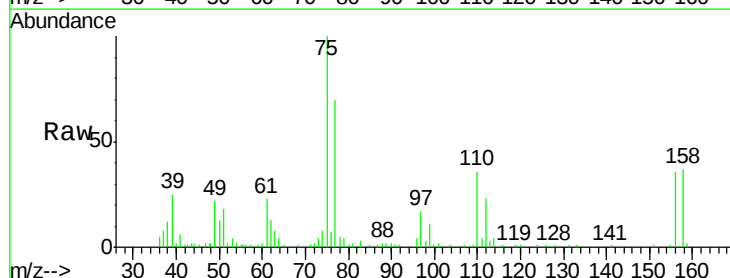
RT: 12.77 min Scan# 1782

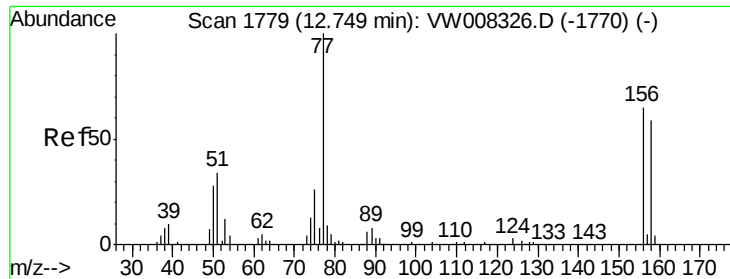
Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Tgt Ion:	75	Resp:	14651
Ion Ratio	Lower	Upper	
75	100		
77	335.4	175.3	526.1





#77

Bromobenzene

Concen: 18.704 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008325.D

Acq: 17 Jan 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:156 Resp: 27448

Ion Ratio Lower Upper

156 100

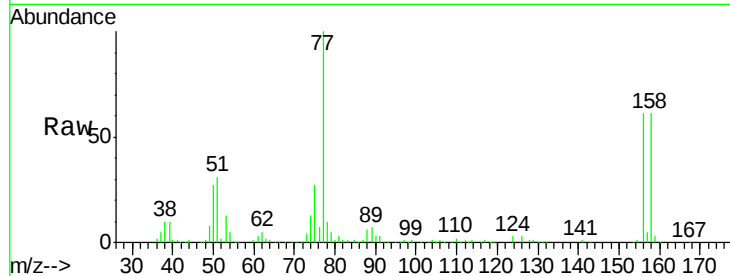
77 179.0 88.3 264.9

158 97.4 47.6 142.8

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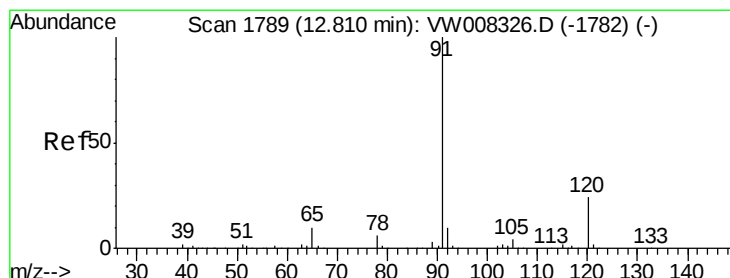
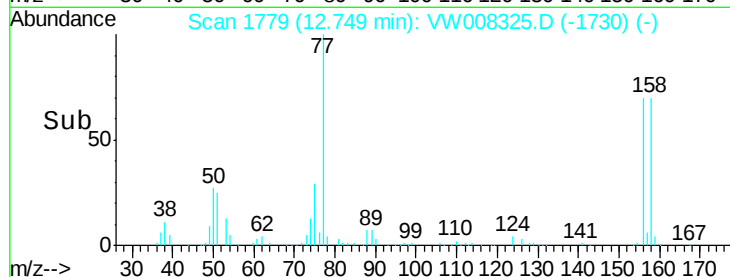
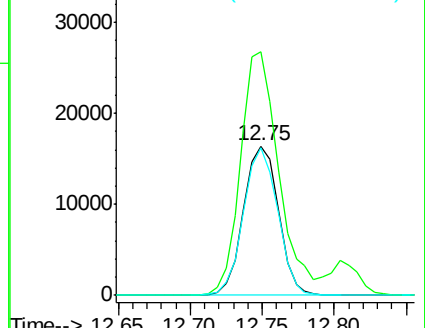
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.744 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008325.D

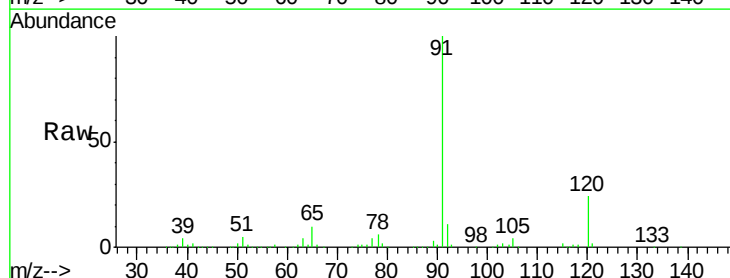
Acq: 17 Jan 2019 13:39

Tgt Ion: 91 Resp: 138609

Ion Ratio Lower Upper

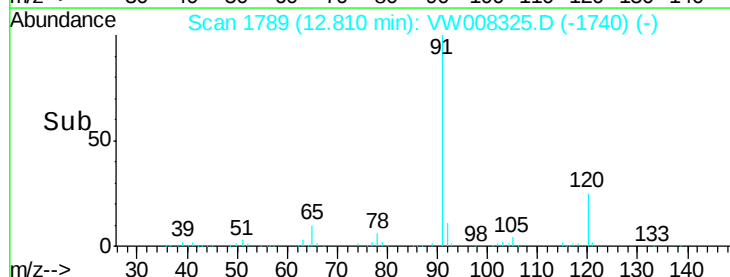
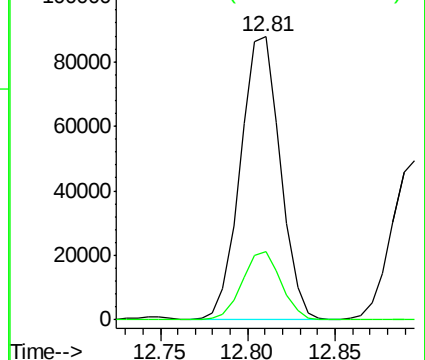
91 100

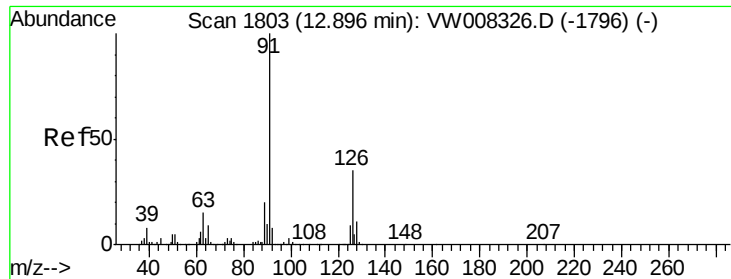
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





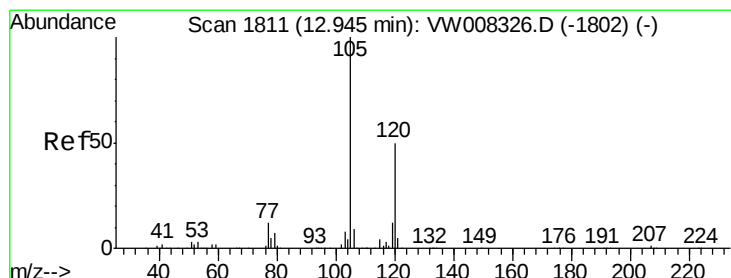
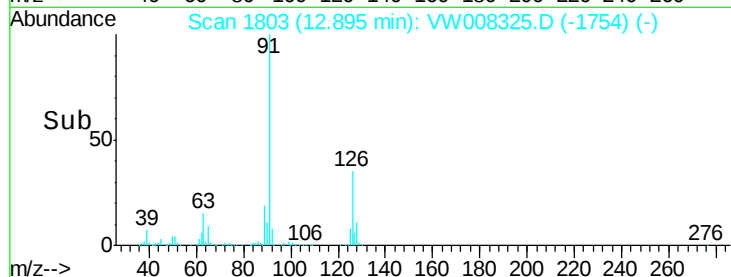
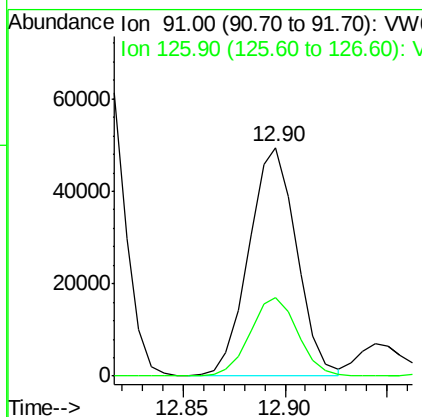
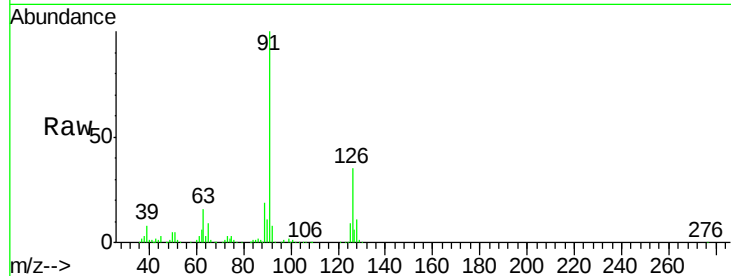
#79
 2-Chlorotoluene
 Concen: 19.028 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 80395
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.6

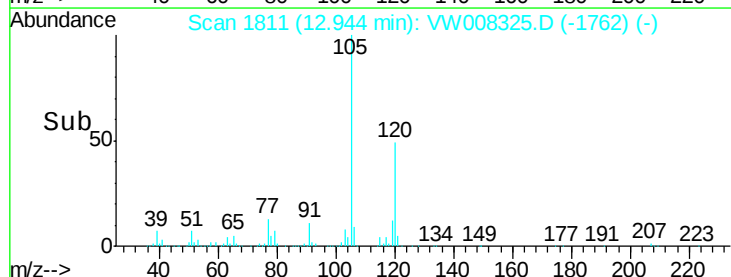
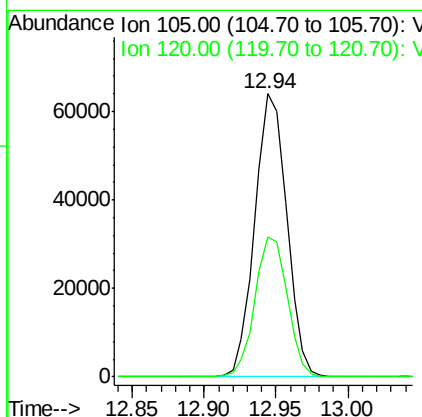
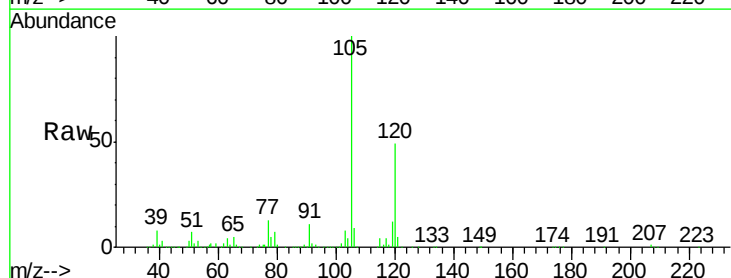
Manual Integrations
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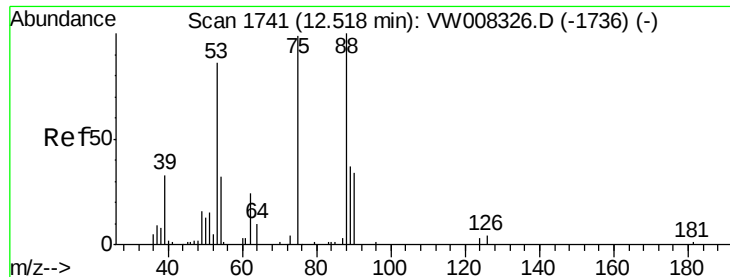
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.170 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Tgt Ion:105 Resp: 97733
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.6 76.8





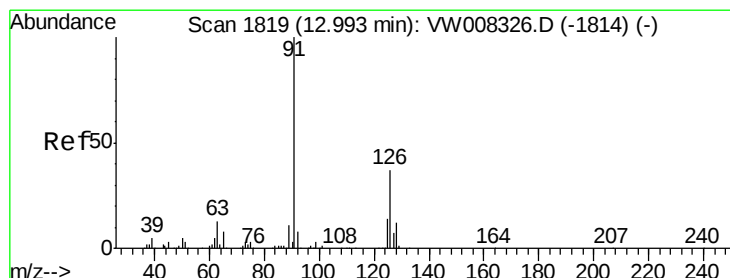
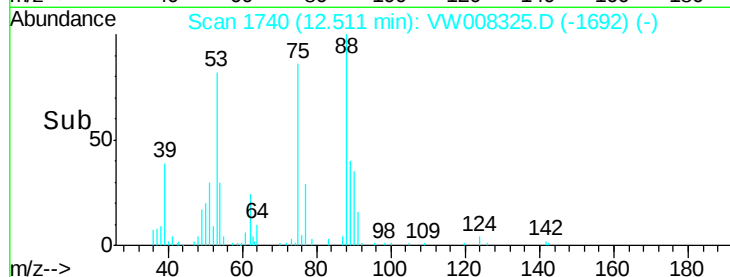
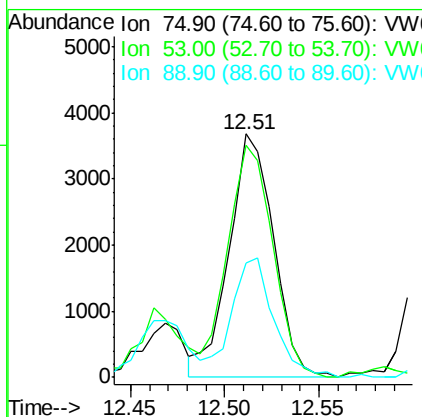
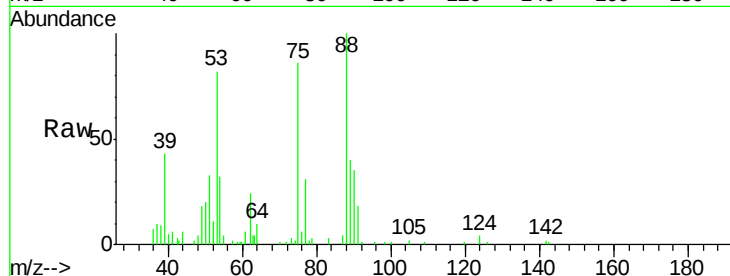
#81
trans-1,4-Dichloro-2-butene
Concen: 18.899 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.5	76.2	114.4
89	46.5	36.7	55.1

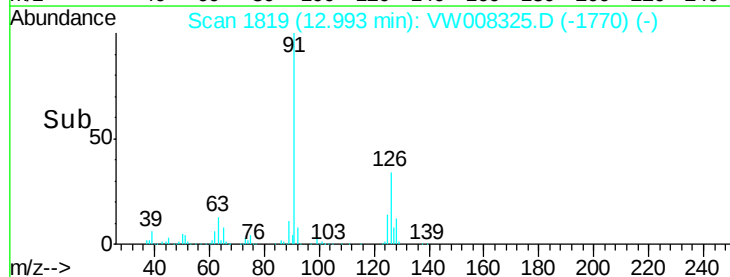
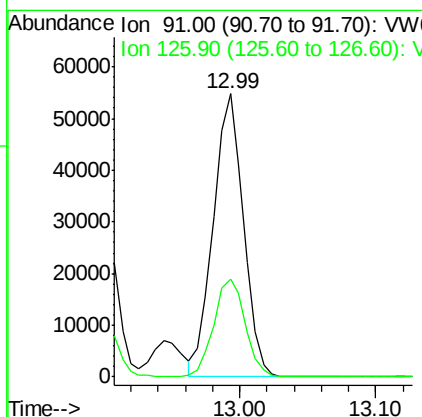
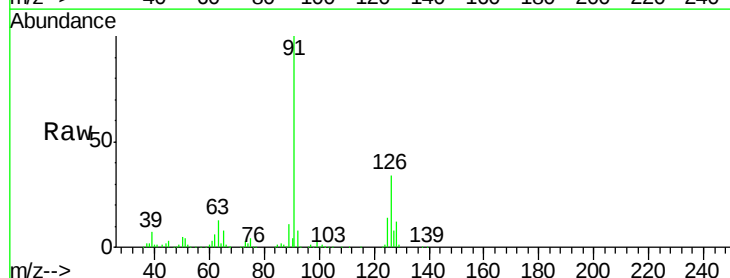
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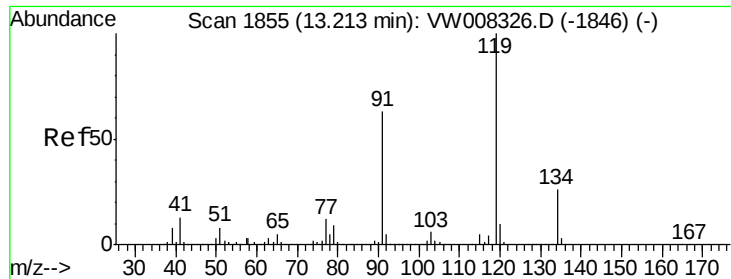
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.090 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.8	53.3





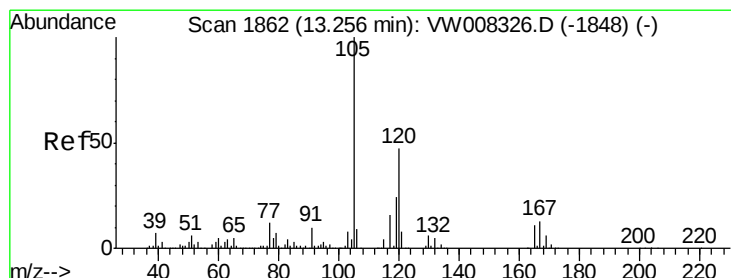
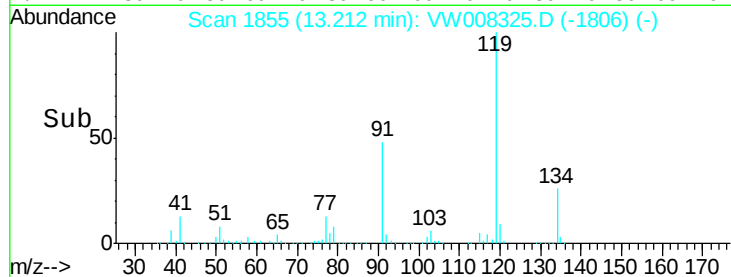
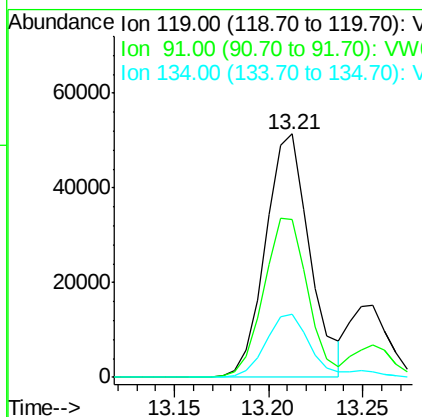
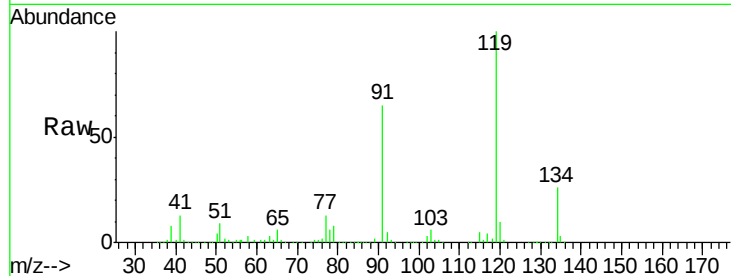
#83
tert-Butylbenzene
Concen: 18.723 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.4	97.0
134	26.0	13.9	41.7

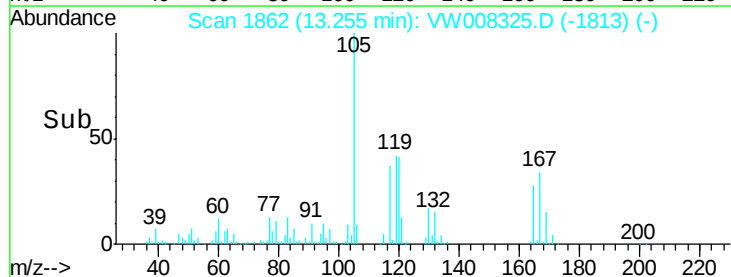
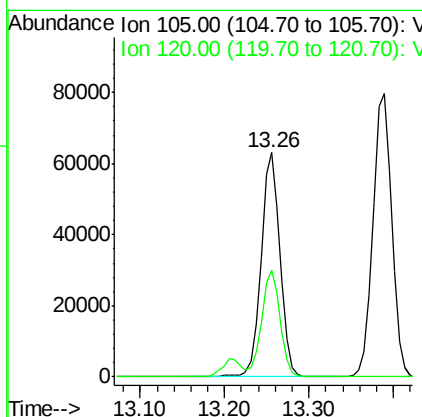
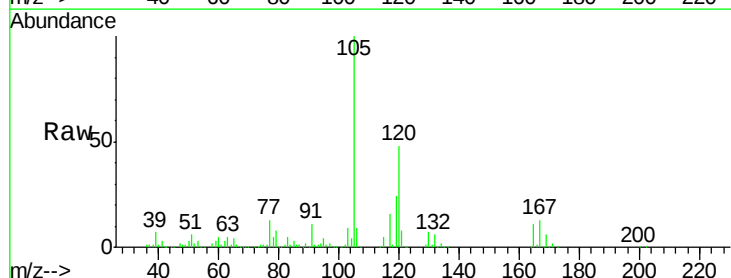
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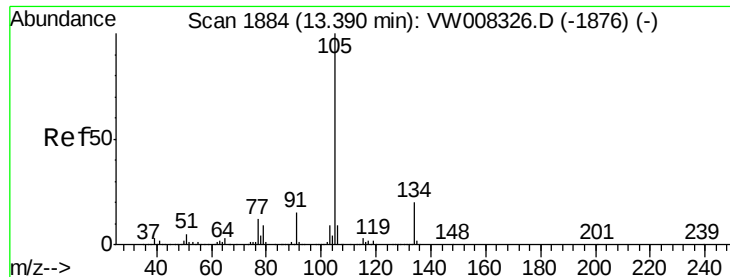
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#84
1,2,4-Trimethylbenzene
Concen: 18.767 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.5	70.6





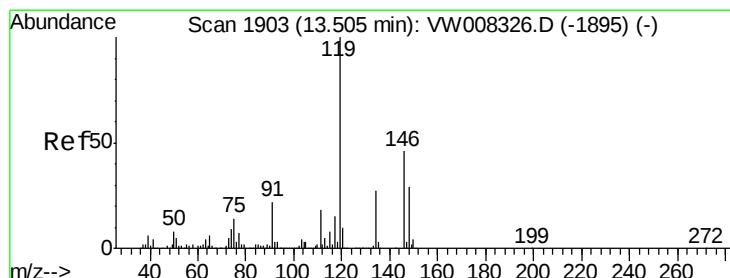
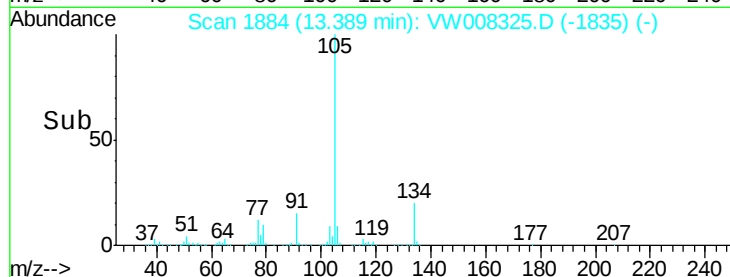
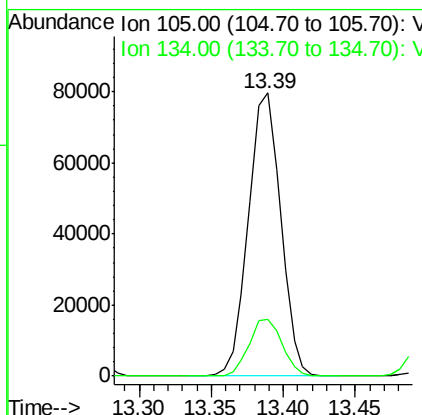
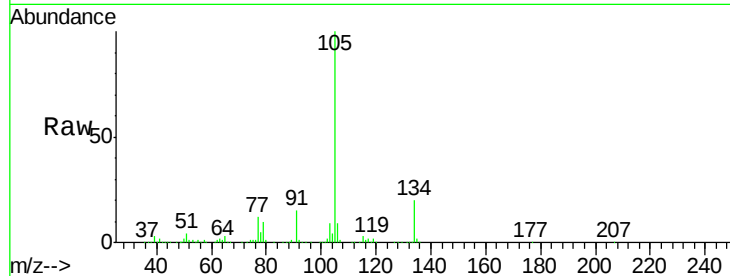
#85
 sec-Butylbenzene
 Concen: 19.182 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.1	30.3

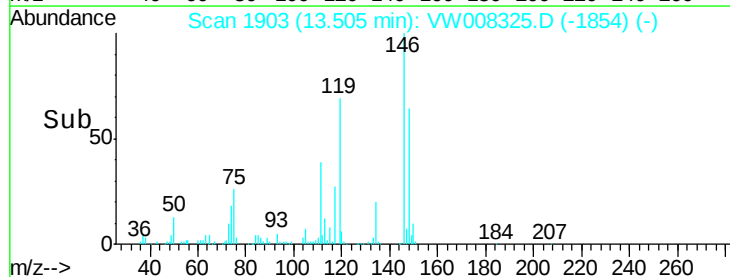
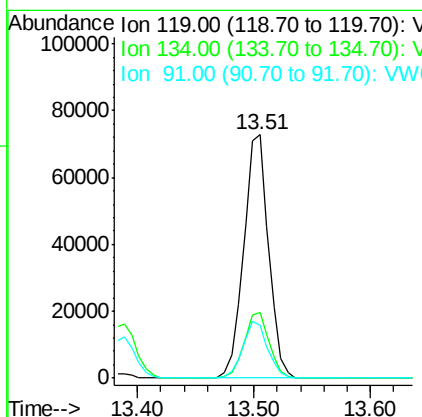
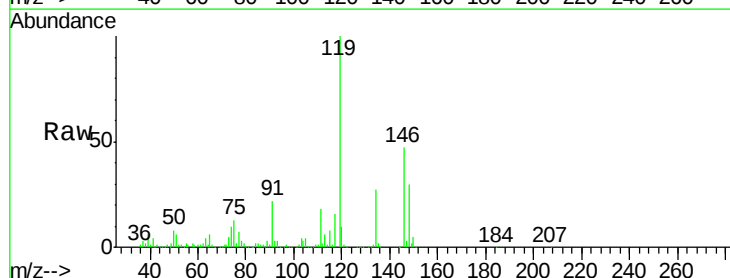
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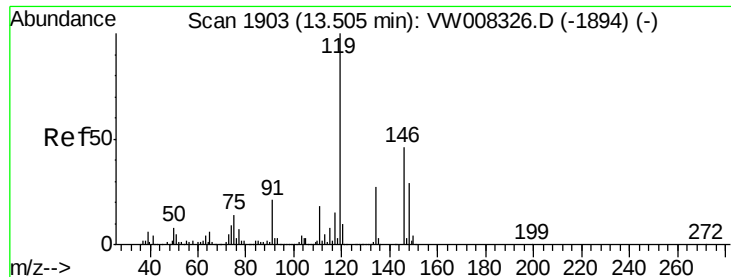
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#86
 p-Isopropyltoluene
 Concen: 19.275 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.7	41.0
91	23.4	11.4	34.2





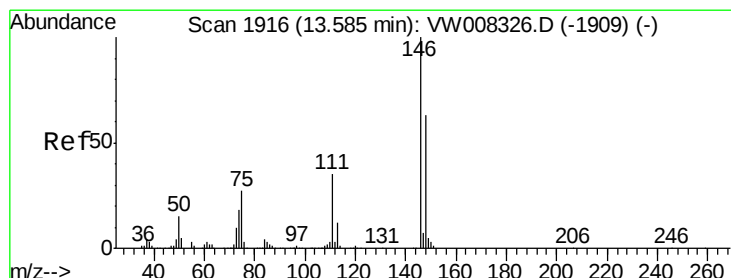
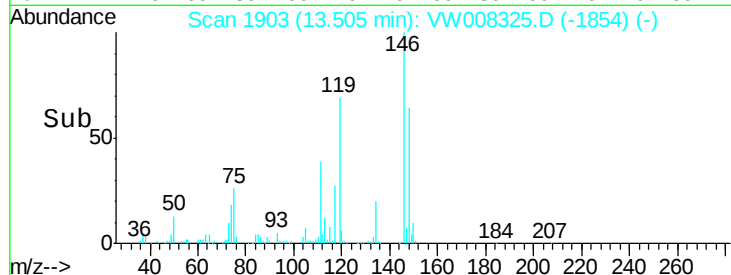
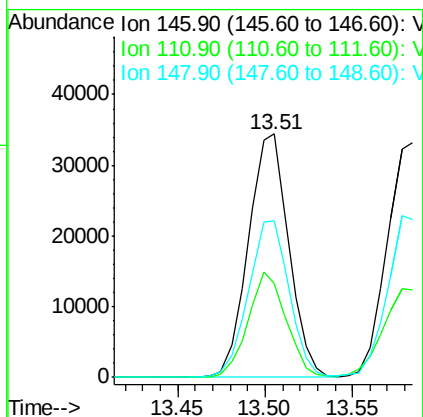
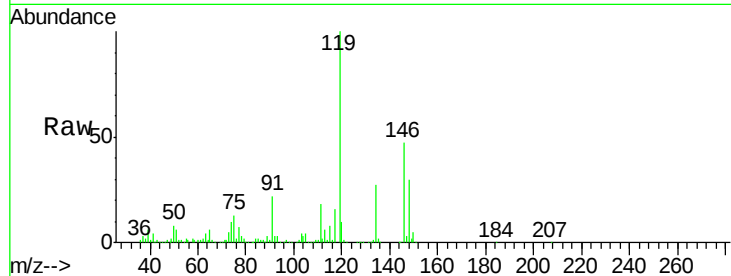
#87
 1,3-Dichlorobenzene
 Concen: 18.910 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.9	59.7
148	65.6	31.4	94.3

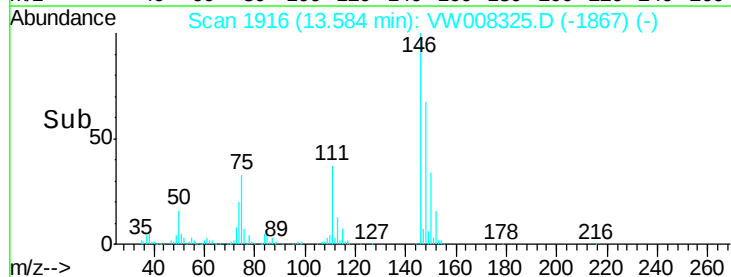
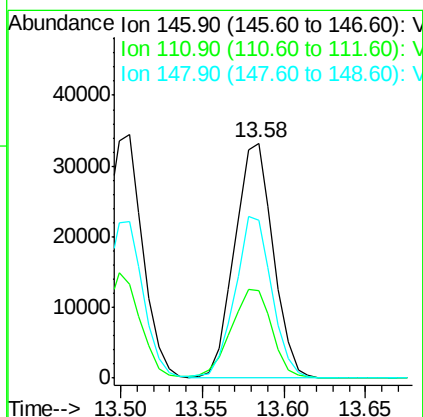
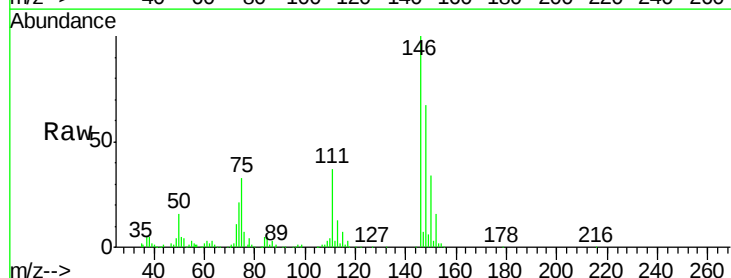
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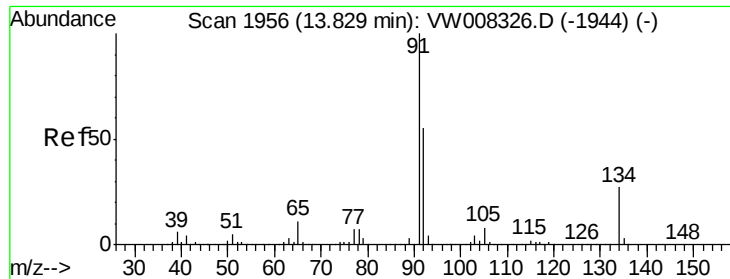
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#88
 1,4-Dichlorobenzene
 Concen: 18.718 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	18.9	56.5
148	65.8	31.6	94.8





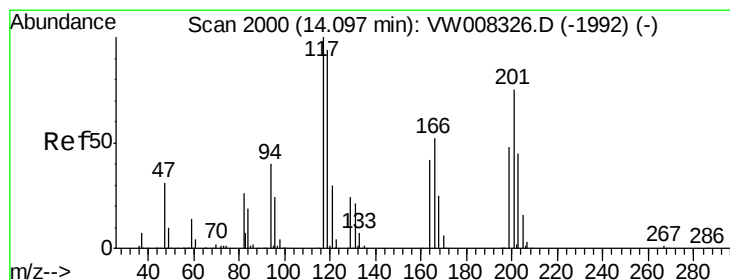
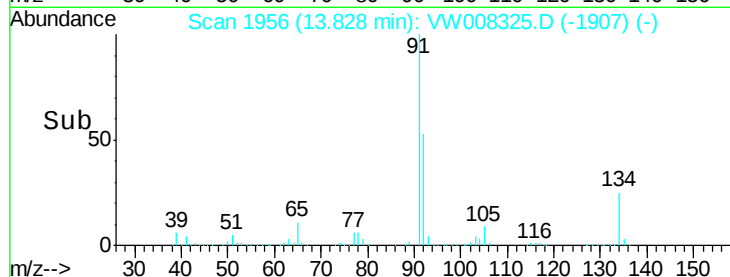
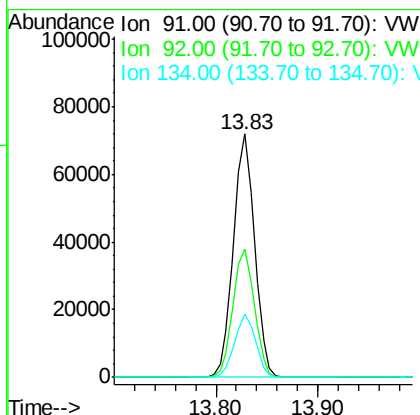
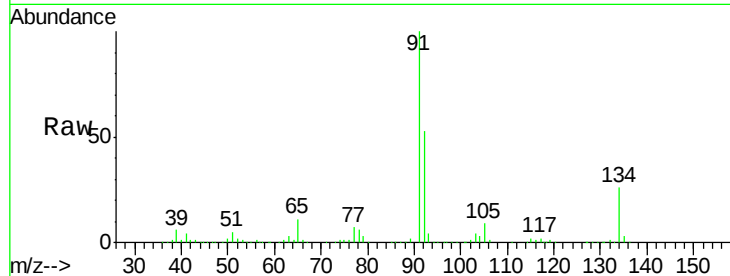
#89
n-Butylbenzene
Concen: 19.116 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.3	27.2	81.6	
134	25.8	13.4	40.1	

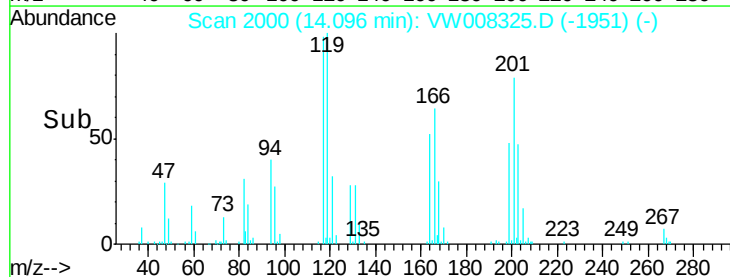
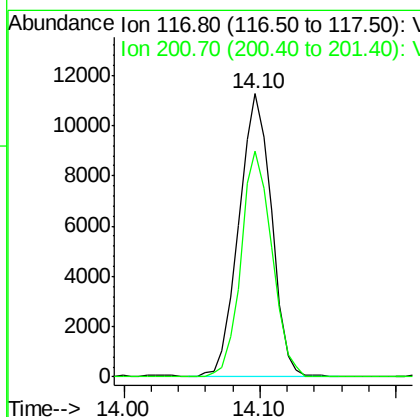
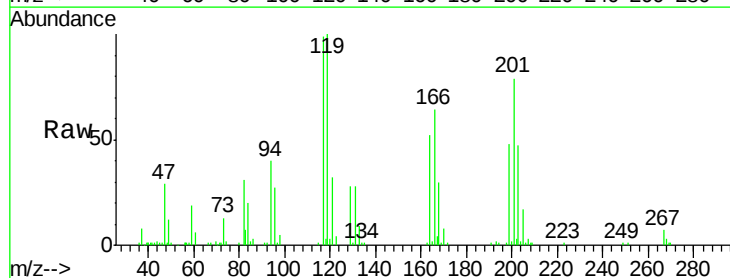
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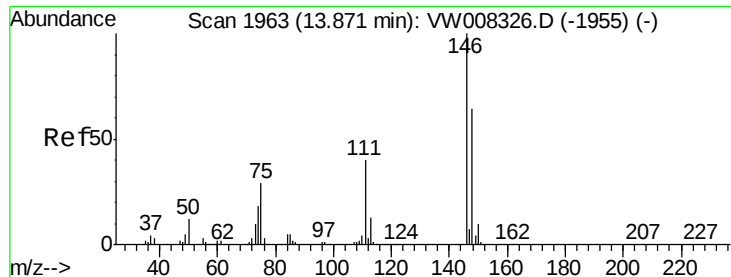
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#90
Hexachloroethane
Concen: 18.166 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	75.3	39.3	117.9	





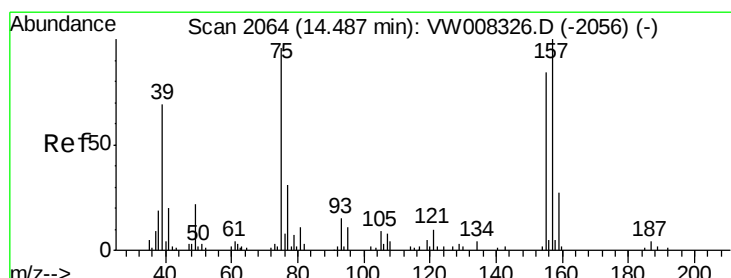
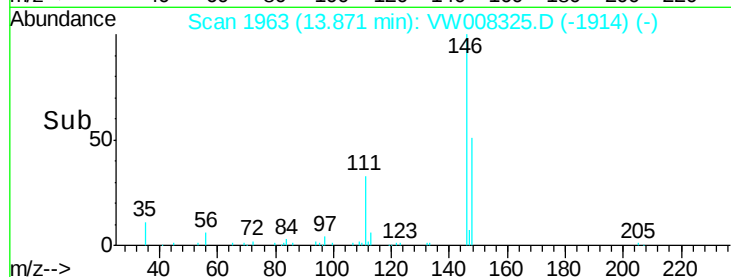
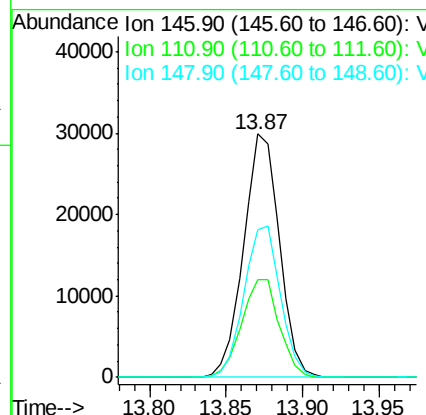
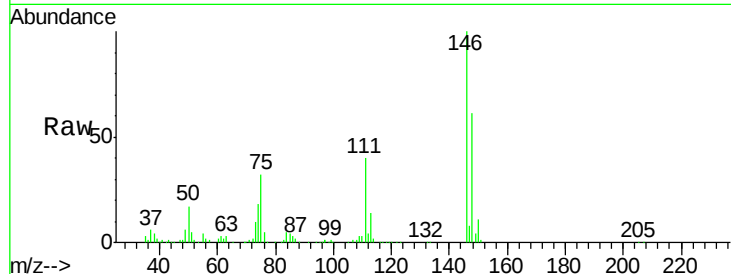
#91
 1,2-Dichlorobenzene
 Concen: 18.865 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	19.6	58.8
148	63.1	31.7	95.1

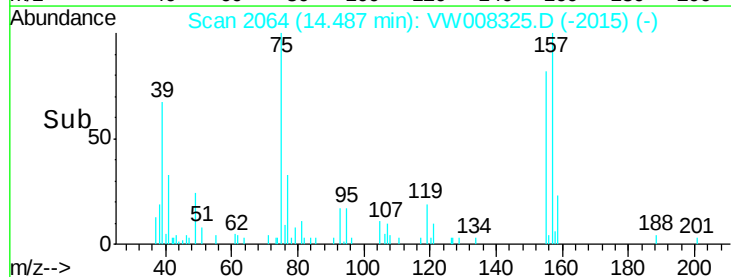
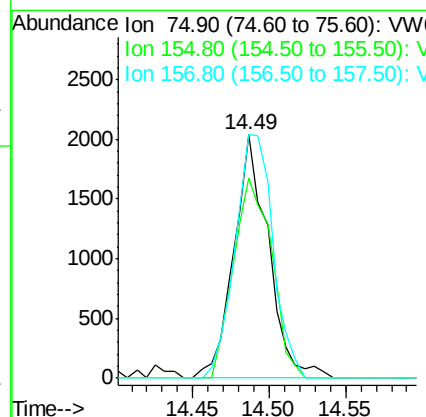
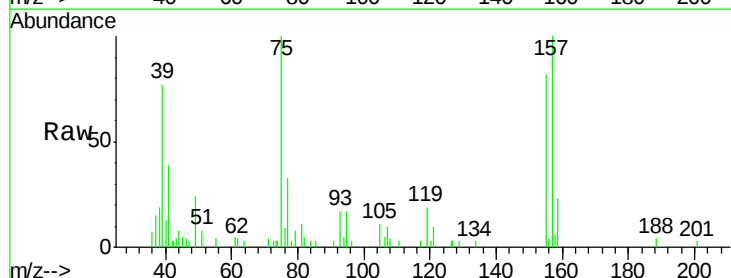
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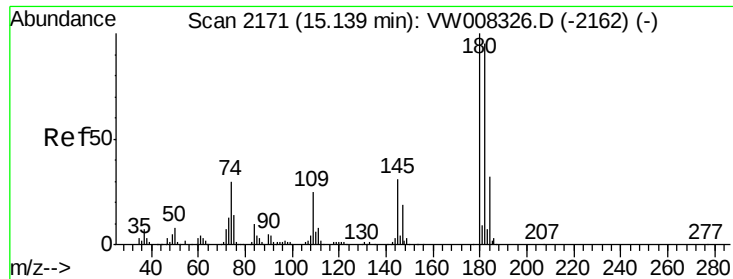
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.785 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	44.7	134.1
157	109.8	53.9	161.8





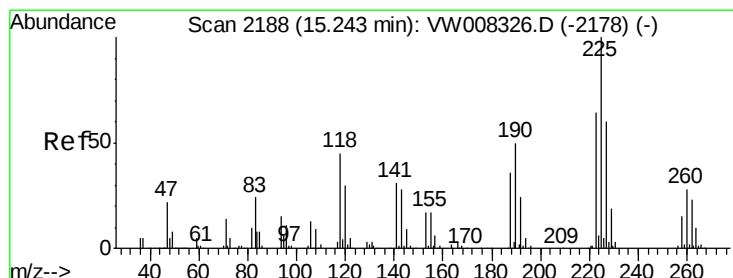
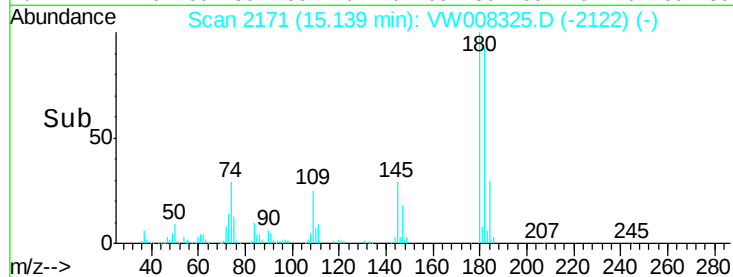
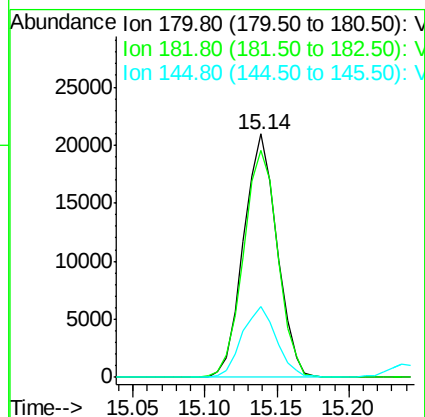
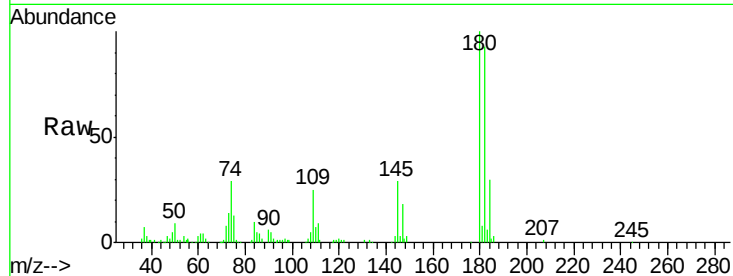
#93
 1,2,4-Trichlorobenzene
 Concen: 19.356 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.6	142.8	
145	30.0	14.8	44.4	

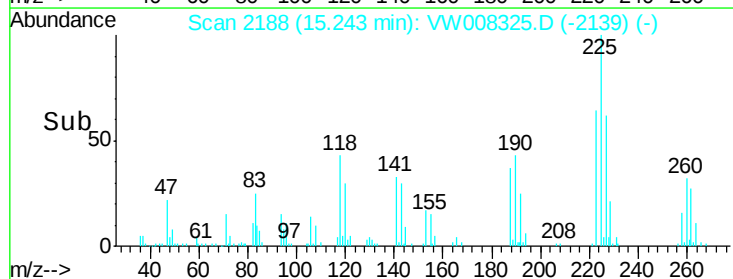
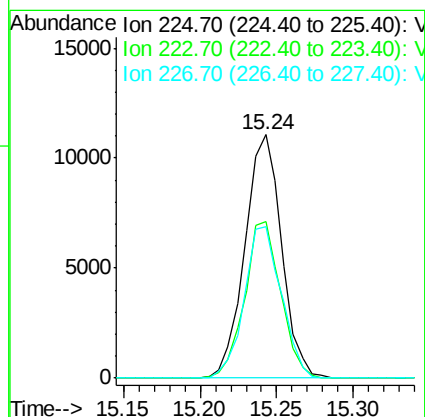
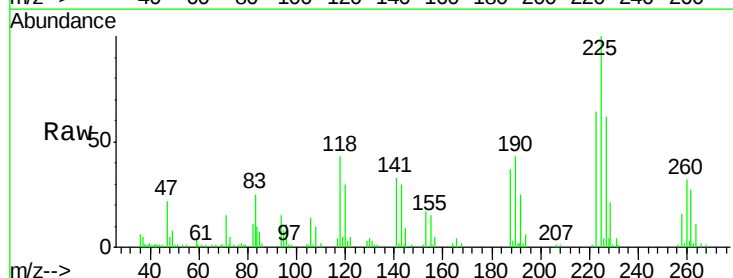
Manual Integrations
 APPROVED

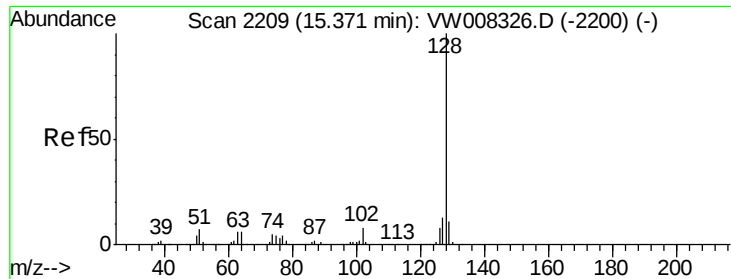
MMDadoda
 1/18/2019 2:09:33 PM



#94
 Hexachlorobutadiene
 Concen: 18.733 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008325.D
 Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	31.1	93.3	
227	62.9	30.3	90.8	





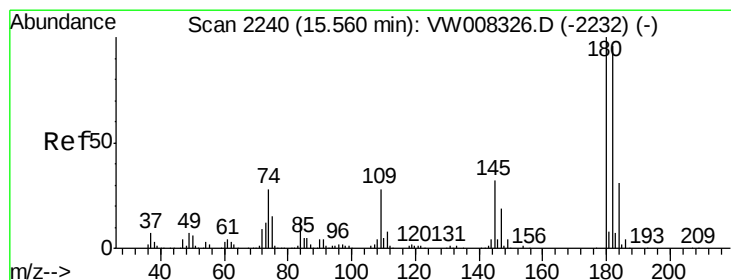
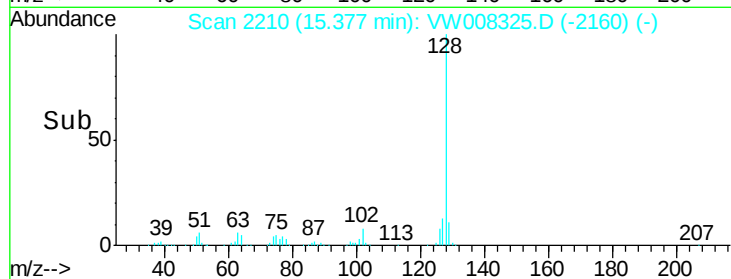
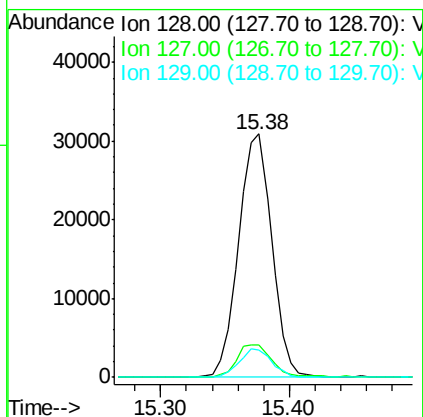
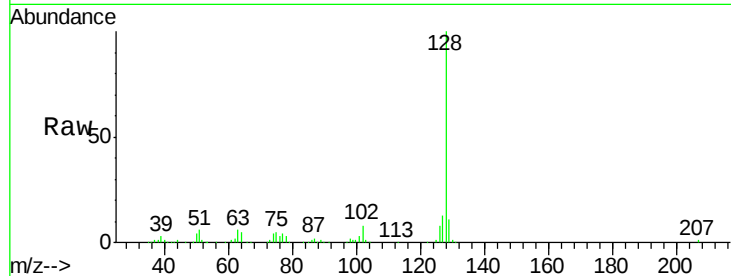
#95
Naphthalene
Concen: 18.956 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.5	15.7
129	11.5	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
1/18/2019 2:09:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.709 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW008325.D
Acq: 17 Jan 2019 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.9
145	34.3	16.2	48.6

