

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008327.D
 Acq On : 17 Jan 2019 14:31
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 2:09:44 PM

Quant Time: Jan 18 00:48:57 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	119244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	186560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119536	96.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.74%	
35) Dibromofluoromethane	7.88	113	120806	101.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.88%	
50) Toluene-d8	10.32	98	481153	102.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.70%	
62) 4-Bromofluorobenzene	12.62	95	163162	97.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	71116	94.650	ug/l	99
3) Chloromethane	2.21	50	105662	95.934	ug/l	99
4) Vinyl Chloride	2.37	62	135663	96.400	ug/l	93
5) Bromomethane	2.78	94	104890	98.350	ug/l	96
6) Chloroethane	2.92	64	94631	102.734	ug/l	96
7) Trichlorofluoromethane	3.26	101	109747	106.210	ug/l	98
8) Diethyl Ether	3.68	74	66646	93.013	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	121014	100.593	ug/l	98
10) Methyl Iodide	4.26	142	196281	101.165	ug/l	99
11) Tert butyl alcohol	5.17	59	37445	436.703	ug/l	100
12) 1,1-Dichloroethene	4.03	96	120798	98.729	ug/l	97
13) Acrolein	3.89	56	46564	632.225	ug/l	95
14) Allyl chloride	4.66	41	207165	101.280	ug/l	99
15) Acrylonitrile	5.36	53	141249	513.177	ug/l	100
16) Acetone	4.12	43	137521	477.390	ug/l	99
17) Carbon Disulfide	4.37	76	388229	104.276	ug/l	99
18) Methyl Acetate	4.67	43	71922	93.466	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	189404	101.125	ug/l	96
20) Methylene Chloride	4.91	84	127165	83.131	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	138612	100.867	ug/l	91
22) Diisopropyl ether	6.31	45	399231	99.971	ug/l	97
23) Vinyl Acetate	6.25	43	1151582	539.468	ug/l	100
24) 1,1-Dichloroethane	6.21	63	238983	98.285	ug/l	99
25) 2-Butanone	7.17	43	195708	530.432	ug/l	100
26) 2,2-Dichloropropane	7.16	77	144525	93.140	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	148768	99.919	ug/l	99
28) Bromochloromethane	7.51	49	99766	99.590	ug/l #	98
29) Tetrahydrofuran	7.52	42	121529	528.352	ug/l	100
30) Chloroform	7.67	83	239951	99.740	ug/l	96
31) Cyclohexane	7.95	56	221831	95.752	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	200063	99.088	ug/l	99
36) 1,1-Dichloropropene	8.08	75	196626	104.758	ug/l	100
37) Ethyl Acetate	7.25	43	78362	101.241	ug/l	99
38) Carbon Tetrachloride	8.07	117	191689	103.425	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	245477	109.950	ug/l	98
40) Benzene	8.32	78	551084	103.649	ug/l	99
41) Methacrylonitrile	7.48	41	48706	108.096	ug/l	97
42) 1,2-Dichloroethane	8.40	62	149693	100.687	ug/l	99
43) Isopropyl Acetate	8.43	43	157625	107.811	ug/l	99
44) Trichloroethene	9.09	130	151504	104.008	ug/l	97
45) 1,2-Dichloropropane	9.37	63	133747	101.271	ug/l	99
46) Dibromomethane	9.46	93	69435	100.875	ug/l	100
47) Bromodichloromethane	9.65	83	176997	104.246	ug/l	99
48) Methyl methacrylate	9.43	41	76940	111.787	ug/l	98
49) 1,4-Dioxane	9.45	88	22768	2054.734	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	408927	552.365	ug/l	100
52) Toluene	10.39	92	349792	103.959	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	182342	107.602	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	214195	107.223	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97046	101.649	ug/l	97
56) Ethyl methacrylate	10.65	69	126205	112.560	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171189	103.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	303915	561.941	ug/l	99
59) 2-Hexanone	10.97	43	294345	567.451	ug/l	100
60) Dibromochloromethane	11.13	129	121120	106.299	ug/l	99
61) 1,2-Dibromoethane	11.23	107	95612	103.421	ug/l	95
64) Tetrachloroethene	10.86	164	128092	105.920	ug/l	99
65) Chlorobenzene	11.66	112	384990	102.338	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	135202	104.422	ug/l	98
67) Ethyl Benzene	11.73	91	681915	104.397	ug/l	100
68) m/p-Xylenes	11.84	106	529194	208.727	ug/l	100
69) o-Xylene	12.16	106	248366	104.854	ug/l	99
70) Styrene	12.18	104	402007	105.660	ug/l	99
71) Bromoform	12.35	173	70858	109.858	ug/l	99
73) Isopropylbenzene	12.47	105	671399	107.889	ug/l	100
74) N-amyl acetate	12.27	43	150524	112.868	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	110380	104.280	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78932m	95.070	ug/l	
77) Bromobenzene	12.75	156	153517	102.703	ug/l	98
78) n-propylbenzene	12.80	91	800931	106.333	ug/l	100
79) 2-Chlorotoluene	12.90	91	445675	103.559	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	549839	105.881	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	35811	109.878	ug/l	97
82) 4-Chlorotoluene	12.99	91	465338	103.473	ug/l	99
83) tert-Butylbenzene	13.21	119	487380	106.634	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	550708	104.102	ug/l	100
85) sec-Butylbenzene	13.39	105	677337	103.215	ug/l	99
86) p-Isopropyltoluene	13.50	119	596230	104.025	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	298855	100.626	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	298729	100.398	ug/l	99
89) n-Butylbenzene	13.83	91	577619	105.062	ug/l	100
90) Hexachloroethane	14.10	117	112029	105.618	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	267218	101.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18025	104.142	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	189884	106.974	ug/l	100
94) Hexachlorobutadiene	15.24	225	104890	104.849	ug/l	98
95) Naphthalene	15.37	128	340739	114.877	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	164011	106.080	ug/l	99

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

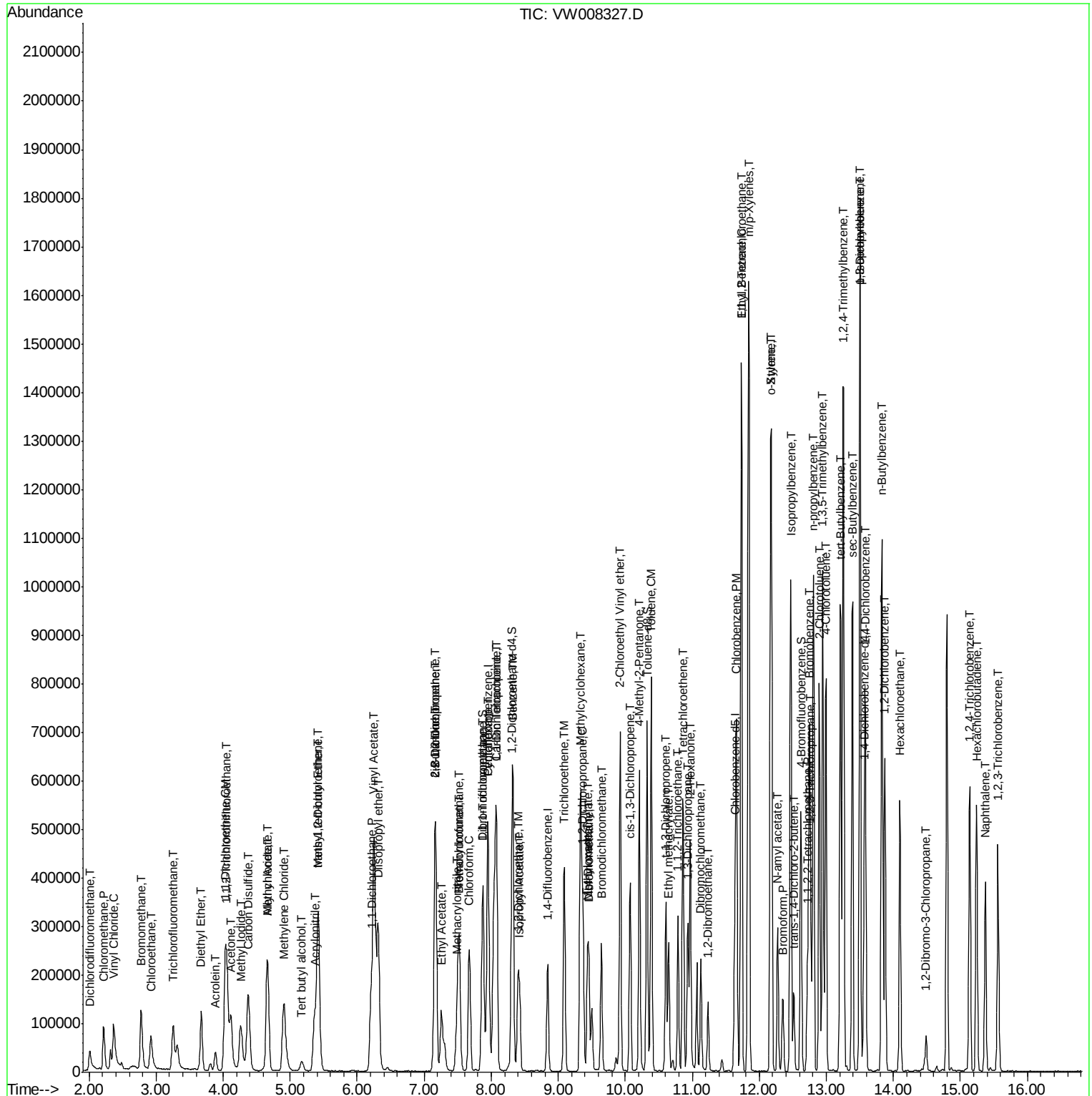
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Data File : VW008327.D
Acq On : 17 Jan 2019 14:31
Operator : SY/VA
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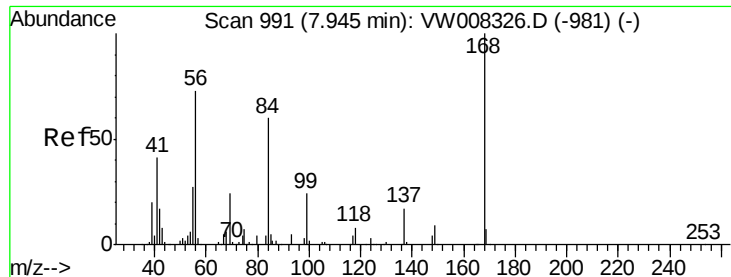
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 119244

Ion Ratio Lower Upper

168 100

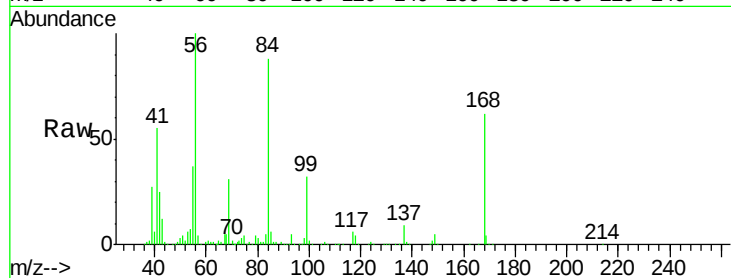
99 51.7 44.6 66.8

Manual Integrations

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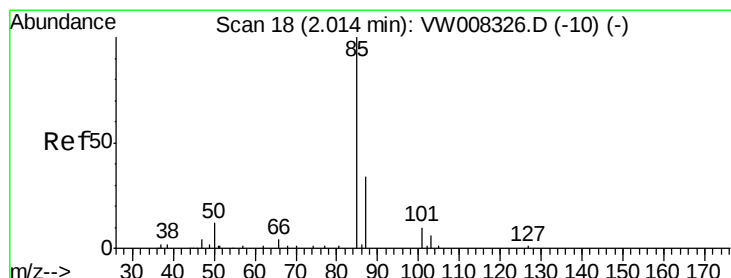
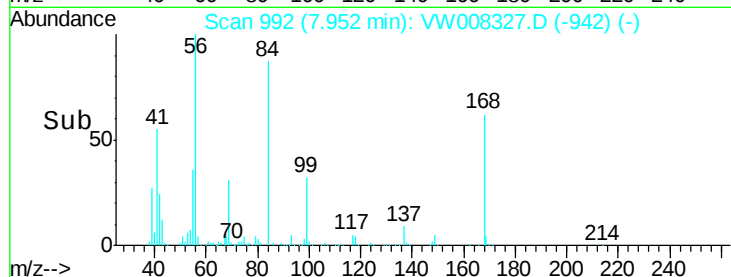
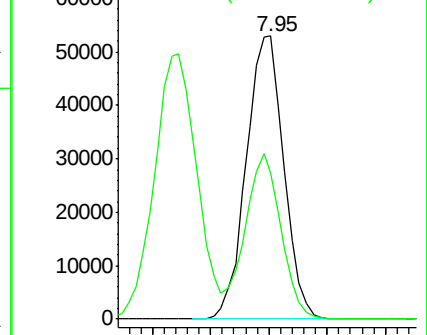
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 94.650 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008327.D

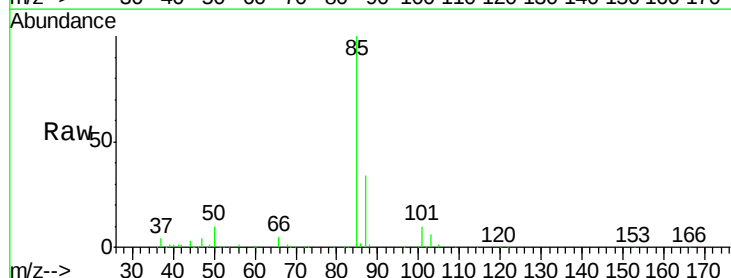
Acq: 17 Jan 2019 14:31

Tgt Ion: 85 Resp: 71116

Ion Ratio Lower Upper

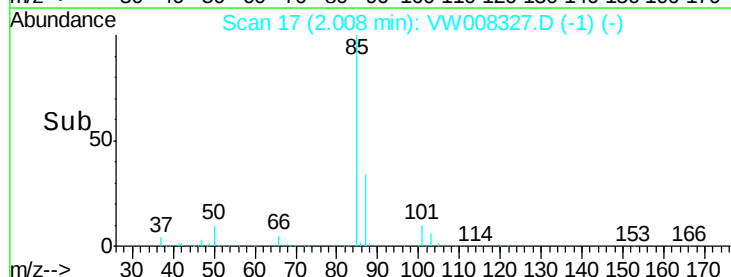
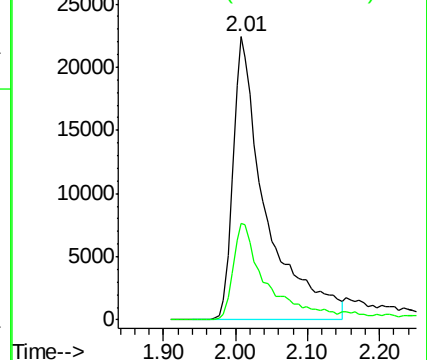
85 100

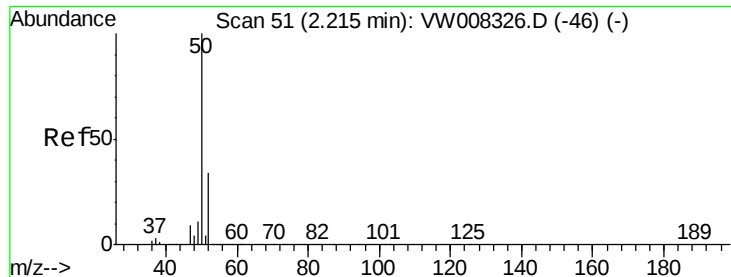
87 34.2 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 95.934 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 105662

Ion Ratio Lower Upper

50 100

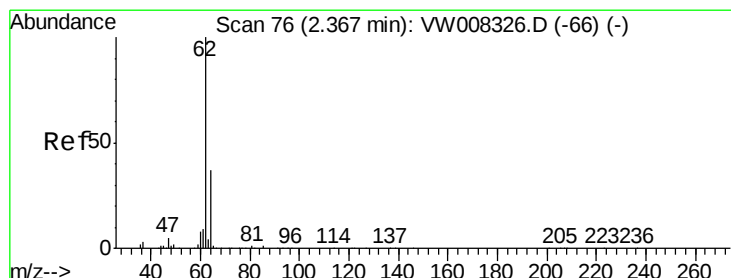
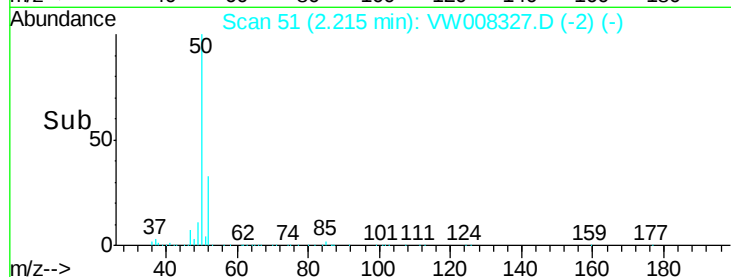
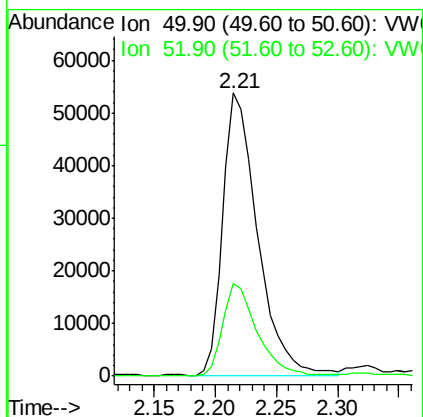
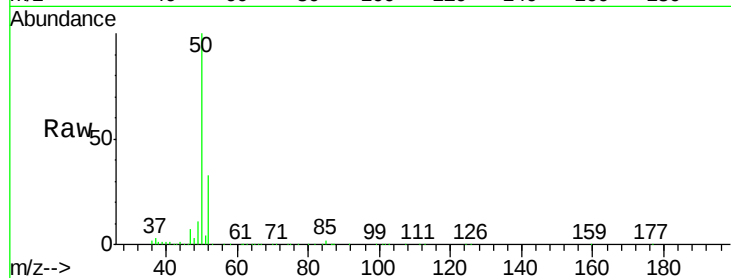
52 33.0 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 96.400 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008327.D

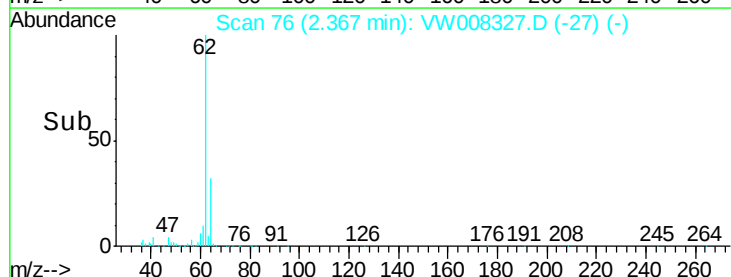
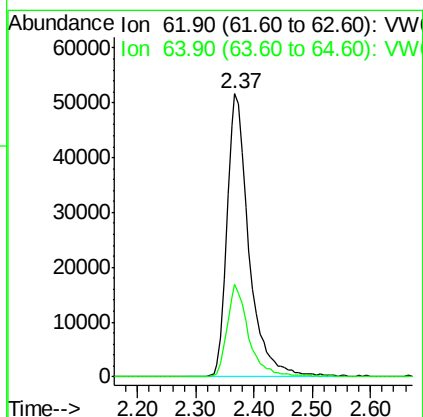
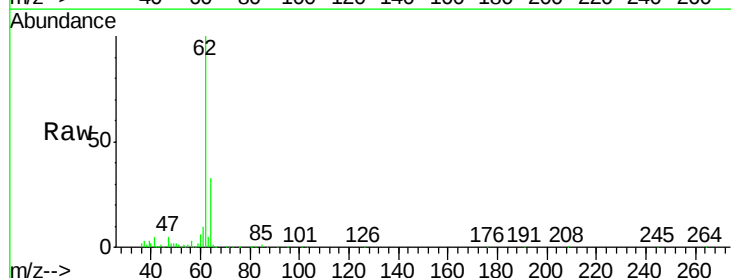
Acq: 17 Jan 2019 14:31

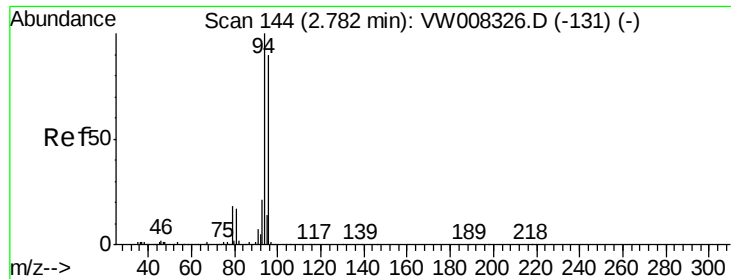
Tgt Ion: 62 Resp: 135663

Ion Ratio Lower Upper

62 100

64 32.5 29.4 44.2





#5

Bromomethane

Concen: 98.350 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

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Tot Ion: 94 Resp: 104890

Ion Ratio Lower Upper

94 100

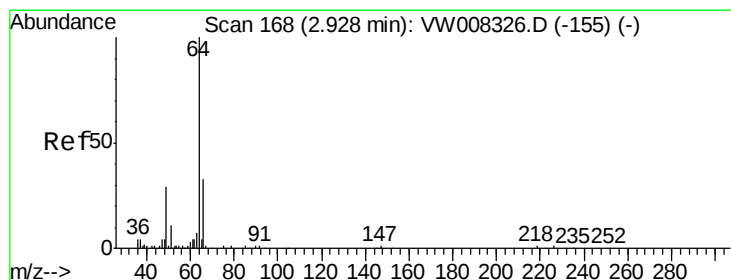
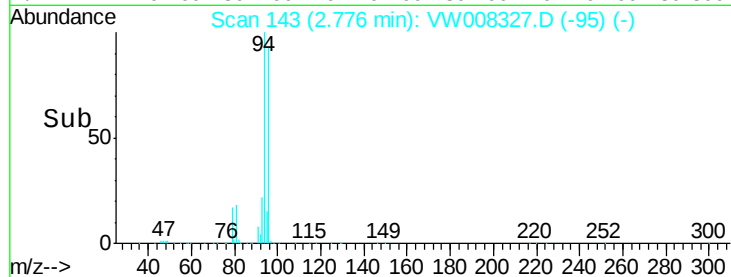
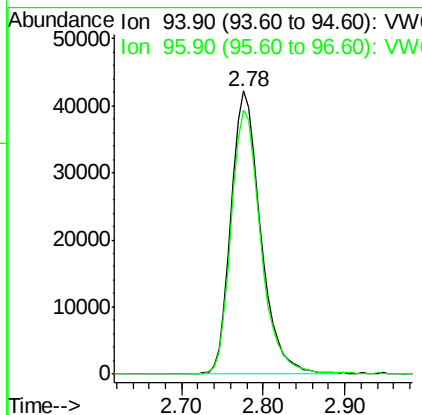
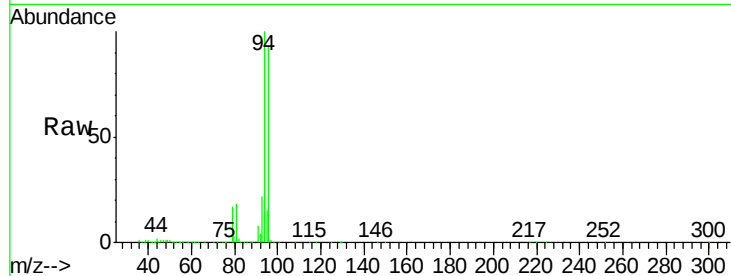
96 93.3 71.4 107.0

Manual Integrations

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#6

Chloroethane

Concen: 102.734 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008327.D

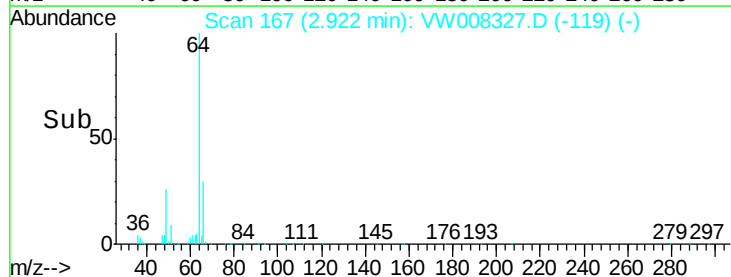
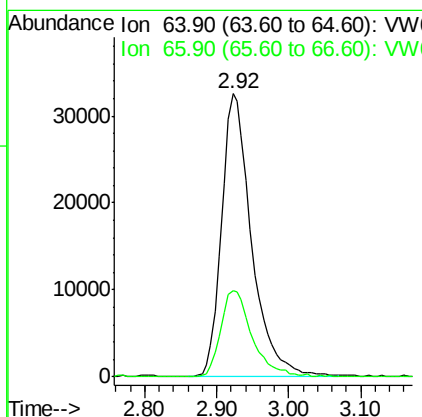
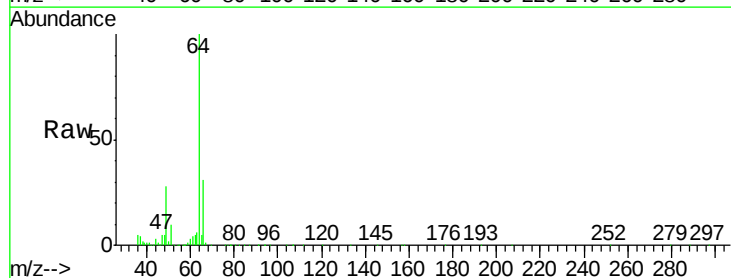
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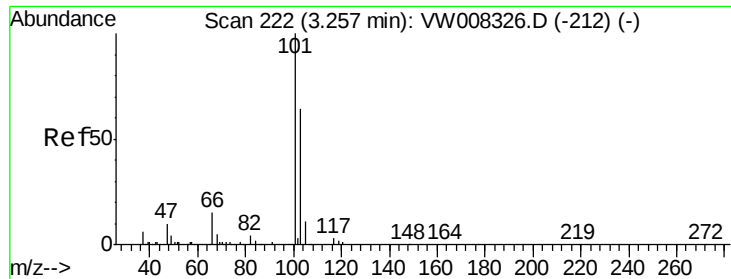
Tgt Ion: 64 Resp: 94631

Ion Ratio Lower Upper

64 100

66 30.4 26.2 39.4





#7

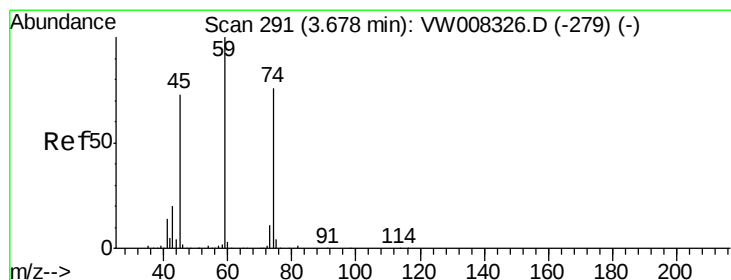
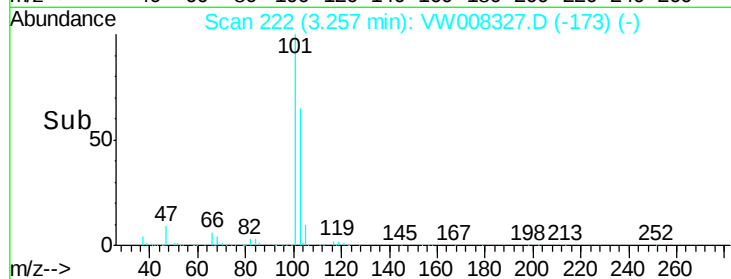
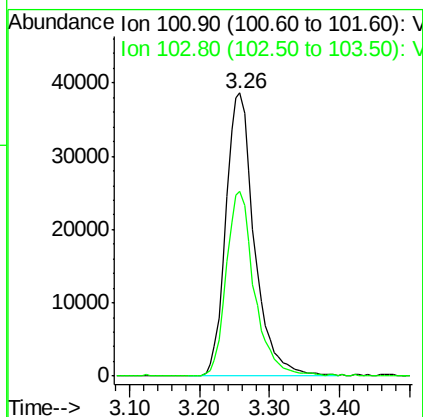
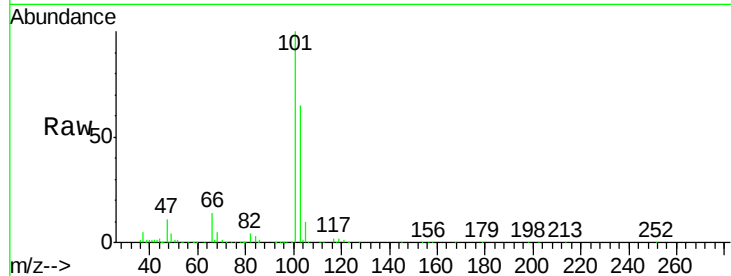
Trichlorofluoromethane
 Concen: 106.210 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Instrument :
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 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.9	76.3

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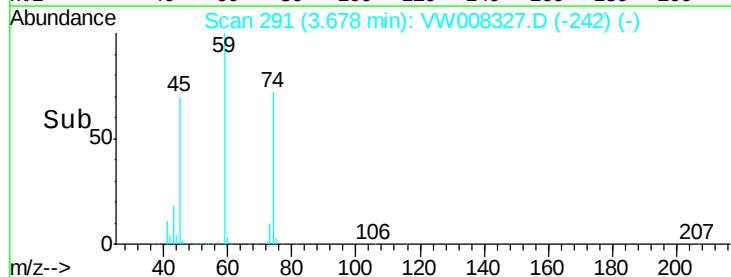
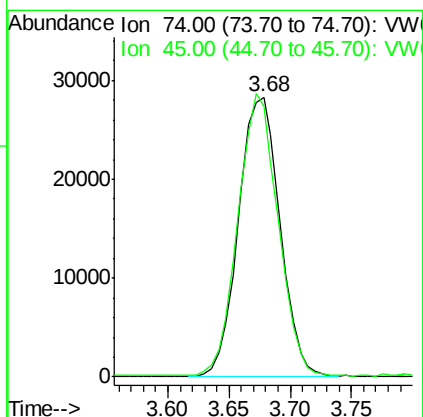
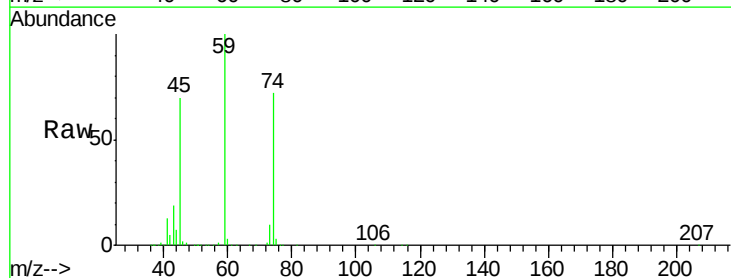
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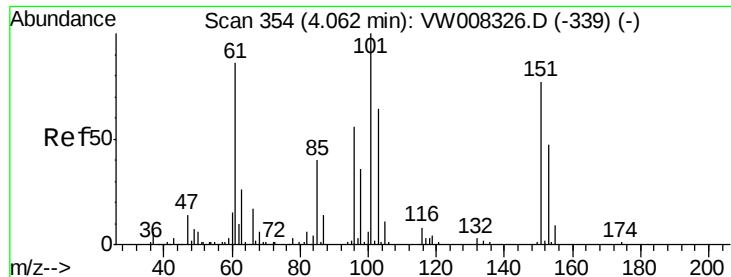


#8

Diethyl Ether
 Concen: 93.013 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	50.1	150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.593 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

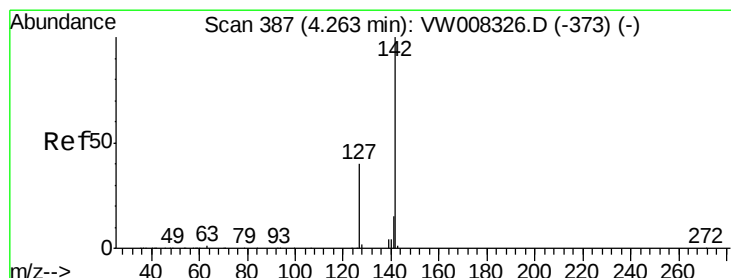
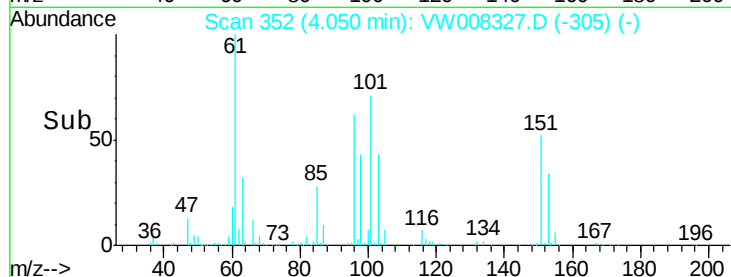
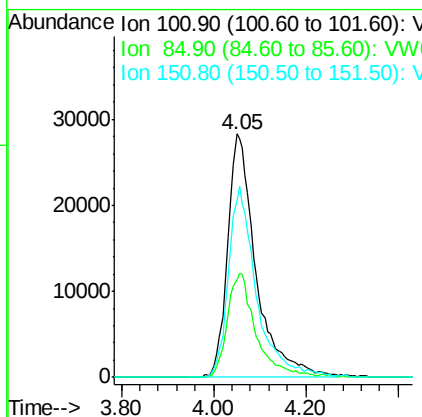
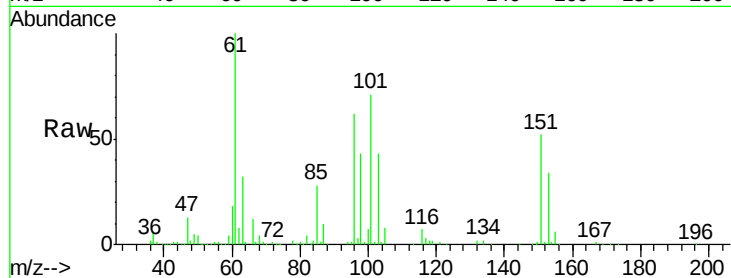
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	121014
Ion Ratio	Lower	Upper	
101	100		
85	43.2	36.0	54.0
151	77.2	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 101.165 ug/l

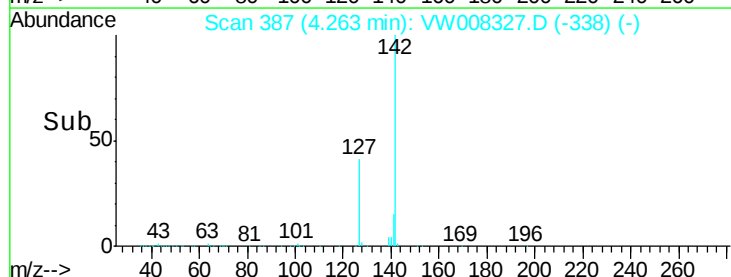
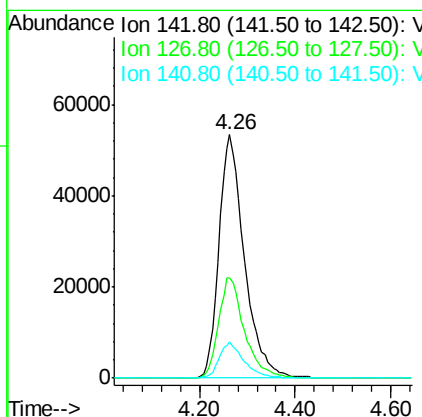
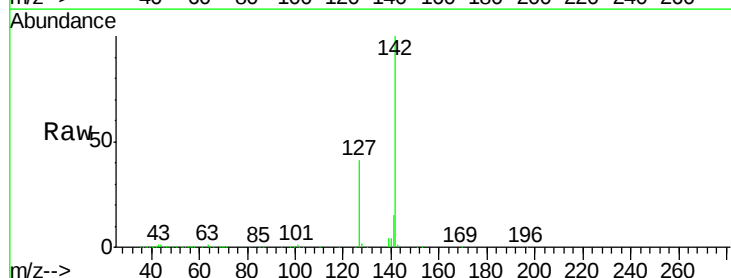
RT: 4.26 min Scan# 387

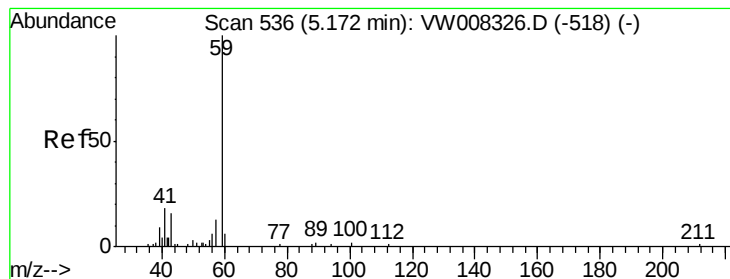
Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Tgt Ion:	142	Resp:	196281
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.3	51.5
141	14.3	12.2	18.2





#11

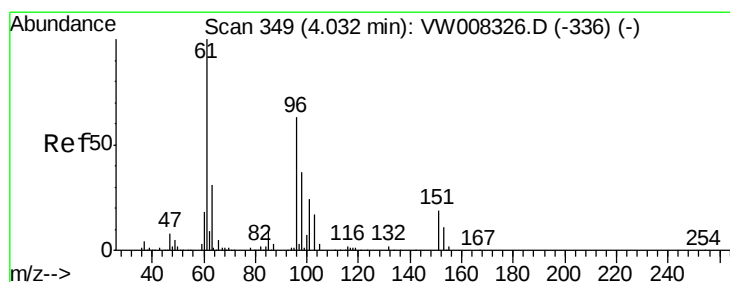
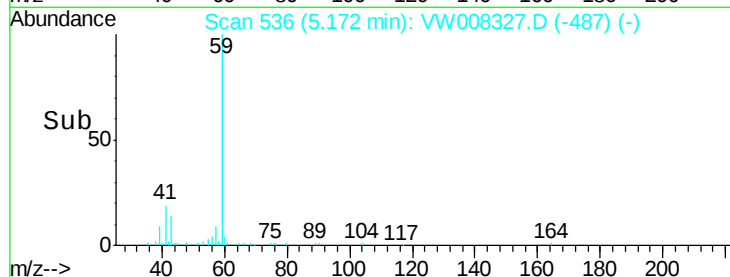
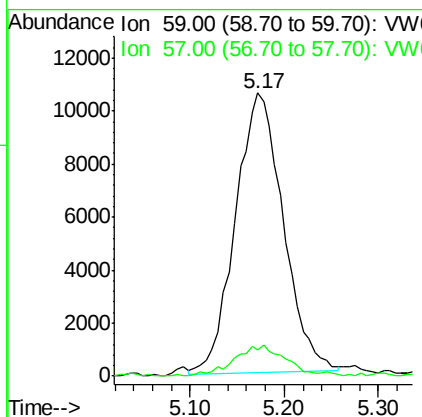
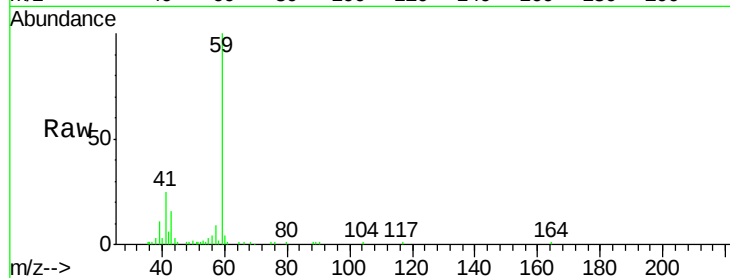
Tert butyl alcohol
Concen: 436.703 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	11.7	9.4	14.2

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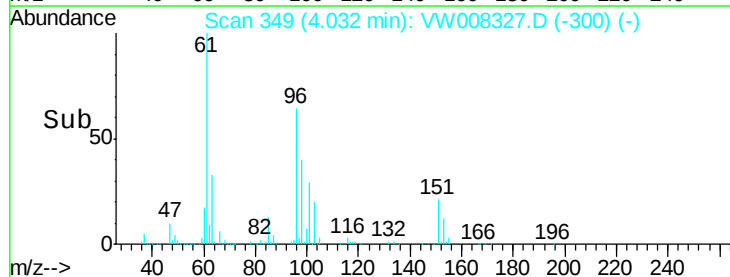
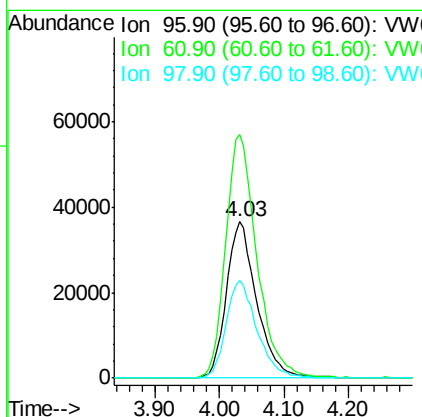
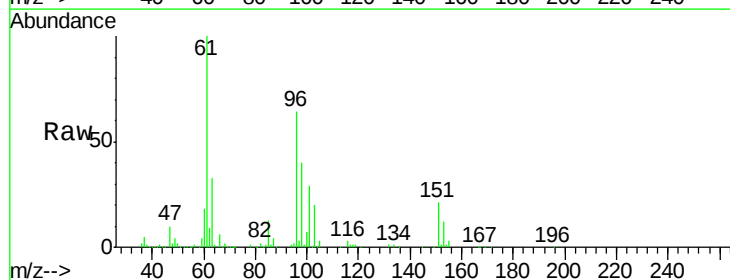
MMDadoda
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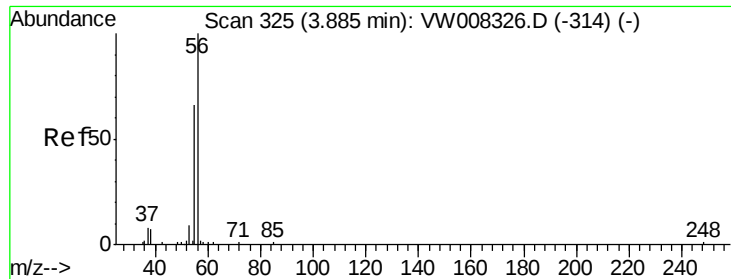


#12

1,1-Dichloroethene
Concen: 98.729 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	155.6	126.4	189.6
98	98	62.3	46.7	70.1





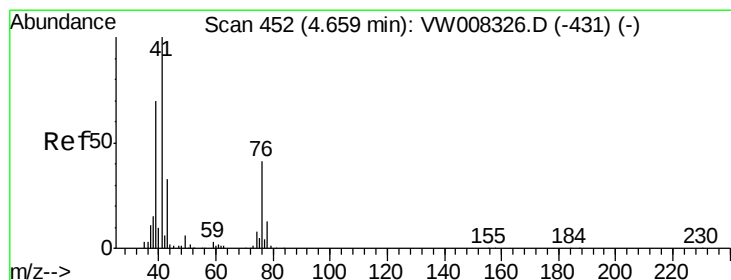
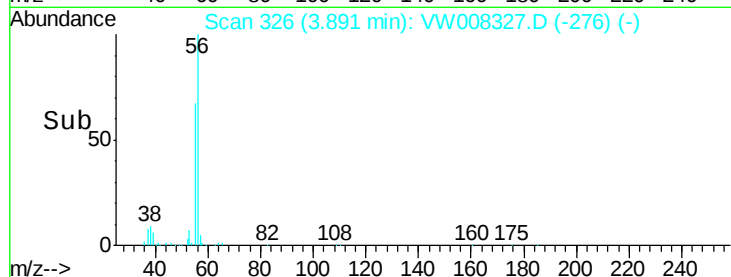
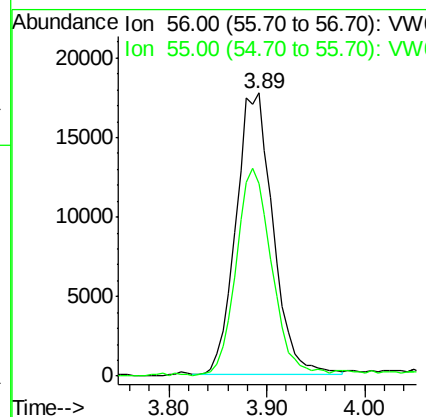
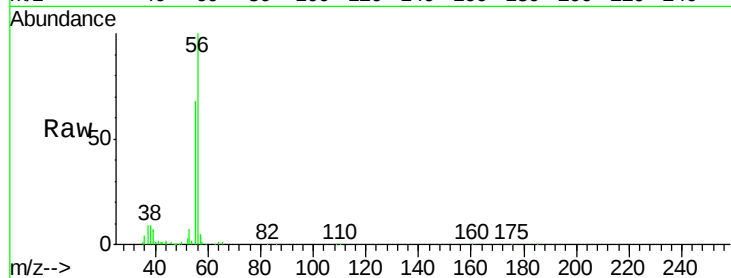
#13
Acrolein
Concen: 632.225 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.01 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	56	Resp	46564
Ion Ratio	100	Lower	Upper
55	70.3	52.9	79.3

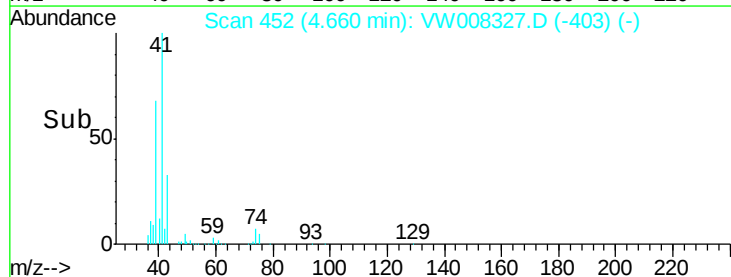
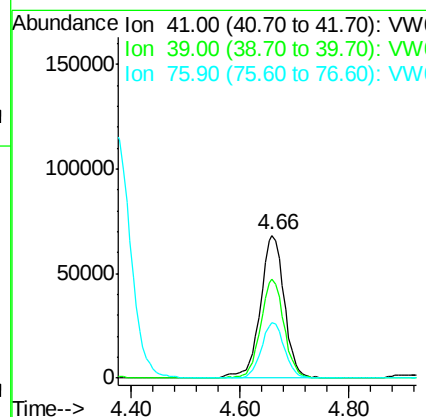
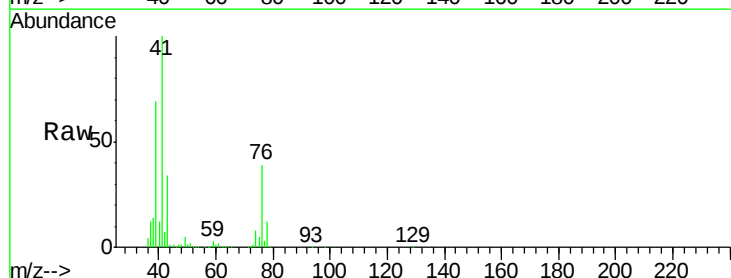
Manual Integrations
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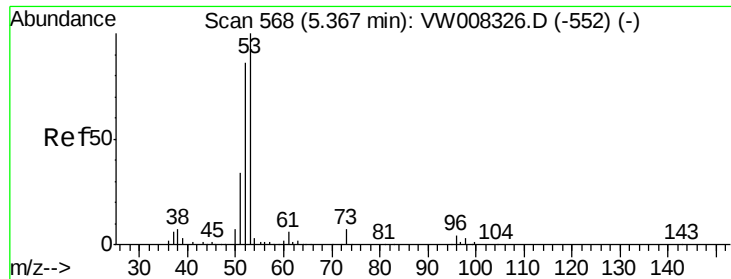
MMDadoda
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#14
Allyl chloride
Concen: 101.280 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	41	Resp	207165
Ion Ratio	100	Lower	Upper
39	66.3	54.1	81.1
76	37.2	29.5	44.3





#15

Acrylonitrile

Concen: 513.177 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

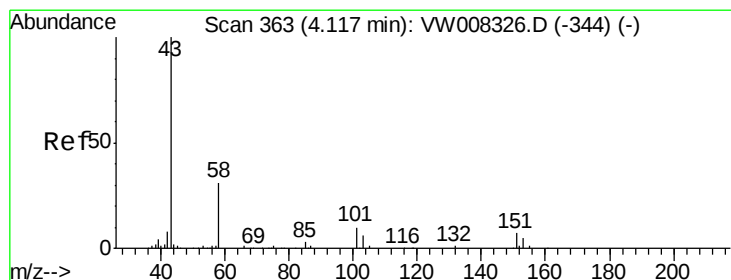
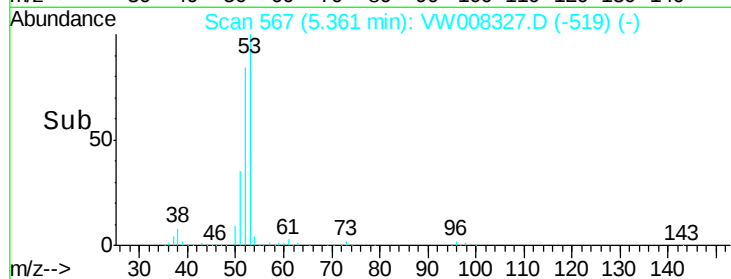
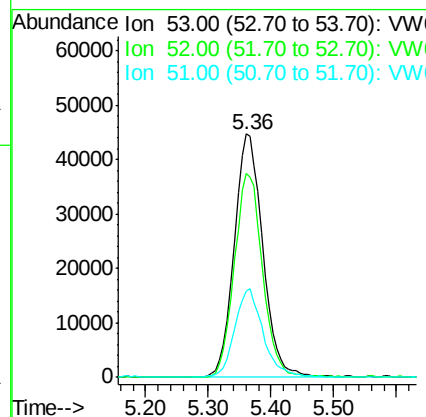
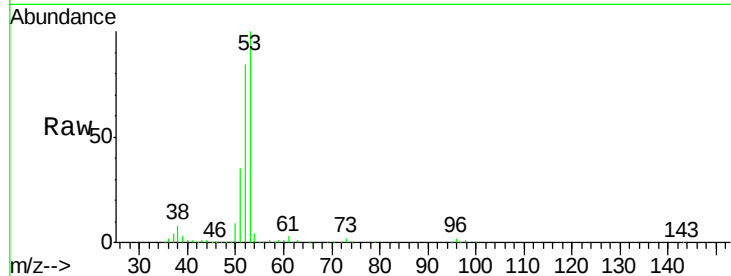
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	141249
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.2	29.6	44.4

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#16

Acetone

Concen: 477.390 ug/l

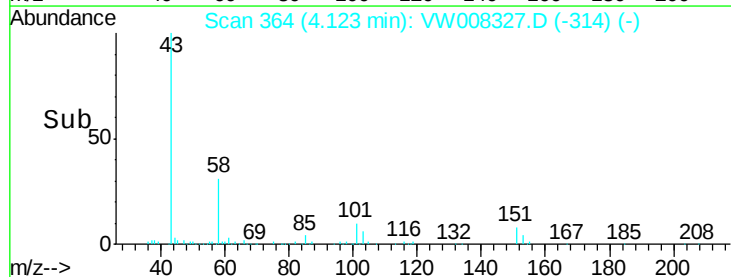
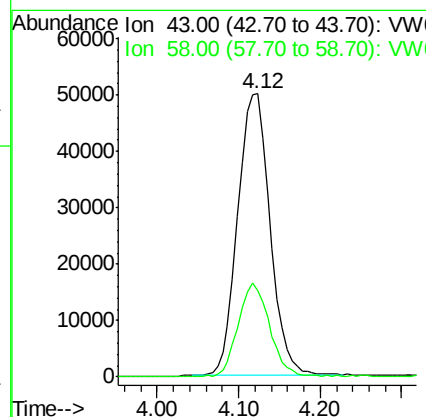
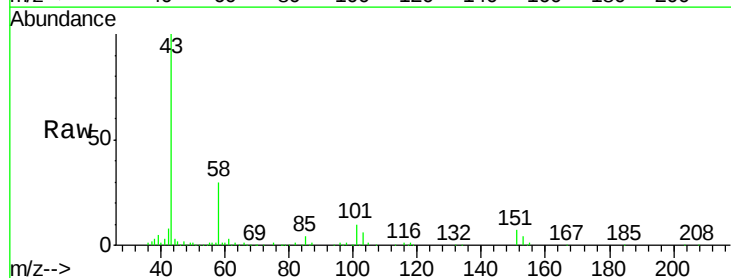
RT: 4.12 min Scan# 364

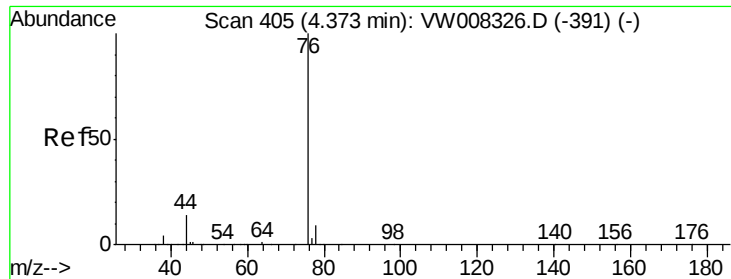
Delta R.T. 0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Tgt Ion:	43	Resp:	137521
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.7	37.1





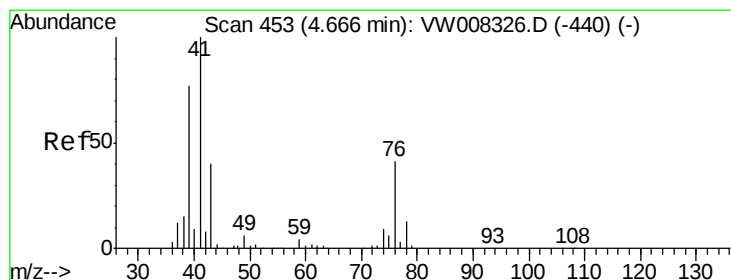
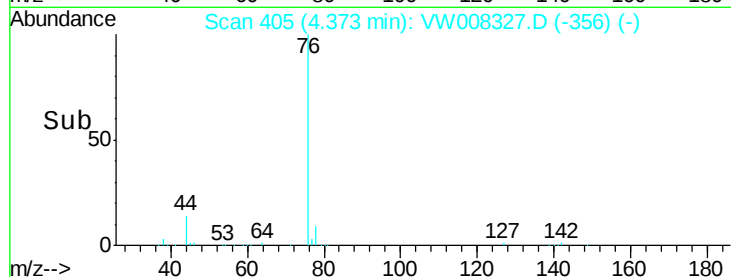
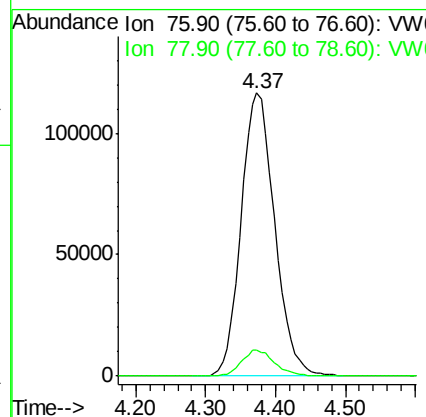
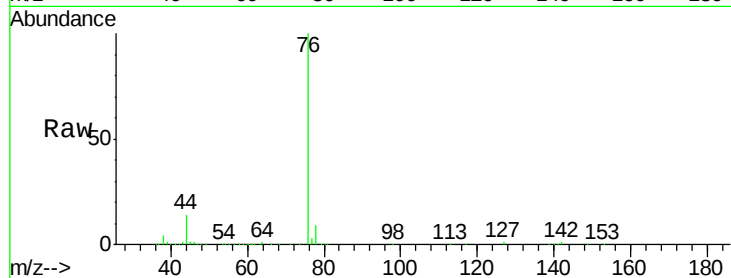
#17
Carbon Disulfide
Concen: 104.276 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
76	100	388229		
78	9.1		7.0	10.4

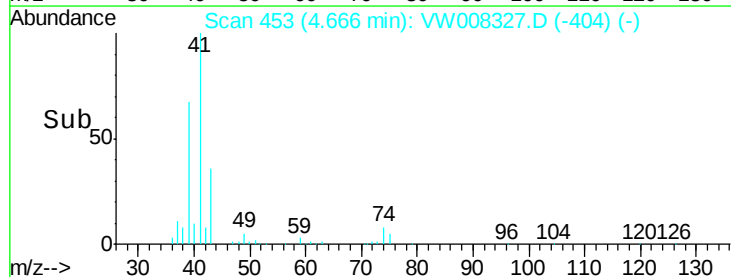
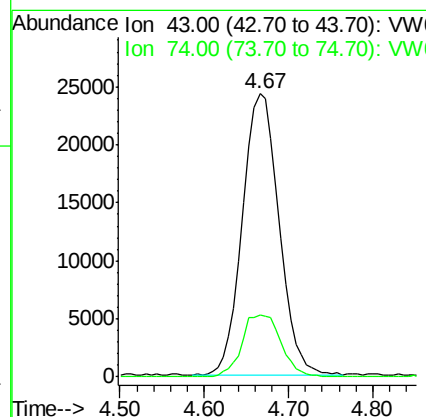
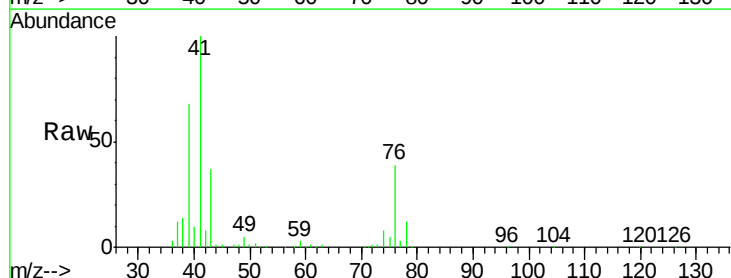
Manual Integrations
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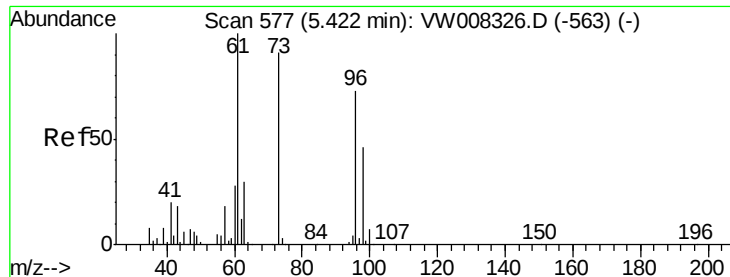
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#18
Methyl Acetate
Concen: 93.466 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	71922		
74	23.4		19.4	29.0





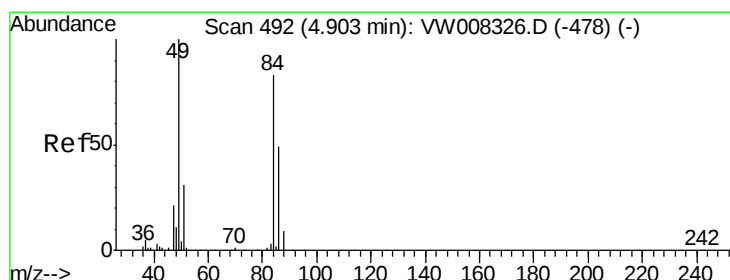
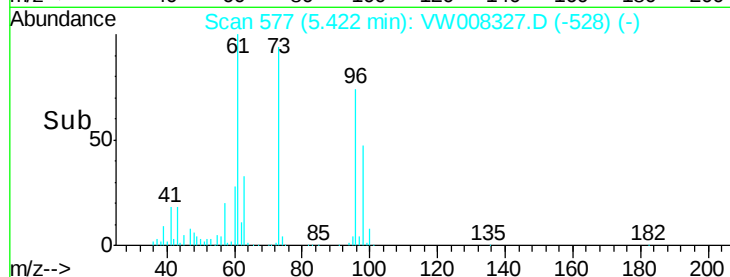
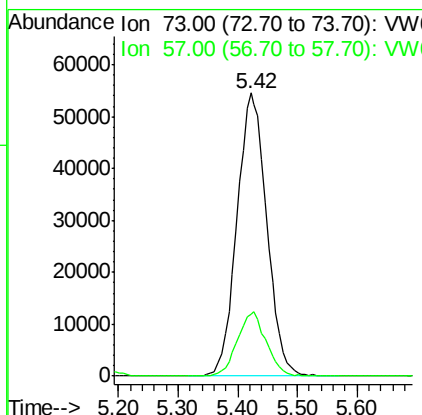
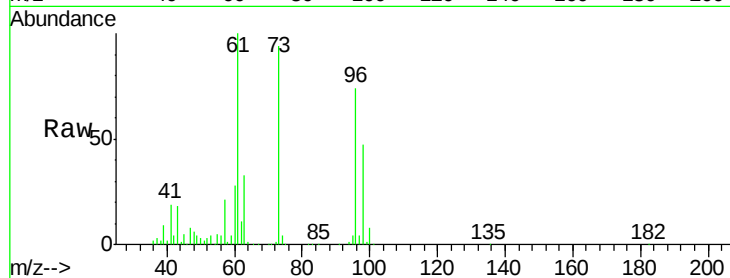
#19
Methvl tert-butvl Ether
Concen: 101.125 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 189404
Ion Ratio Lower Upper
73 100
57 22.1 16.3 24.5

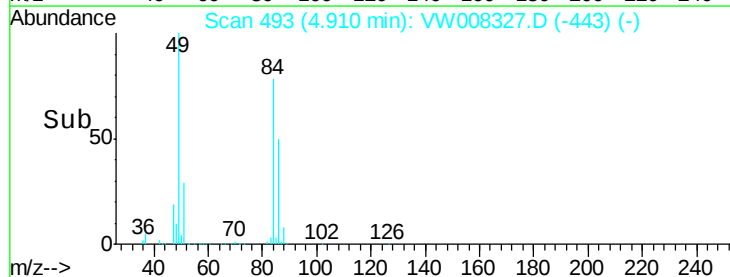
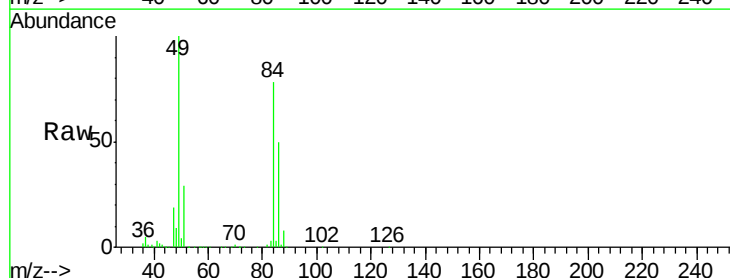
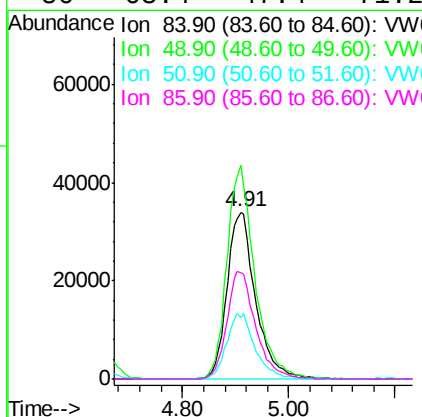
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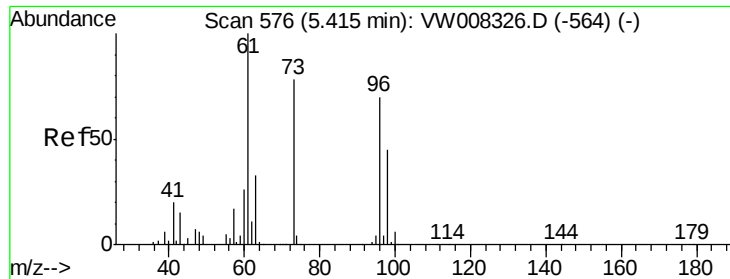
MMDadoda
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#20
Methylene Chloride
Concen: 83.131 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion: 84 Resp: 127165
Ion Ratio Lower Upper
84 100
49 127.9 95.9 143.9
51 37.0 29.3 43.9
86 63.4 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 100.867 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

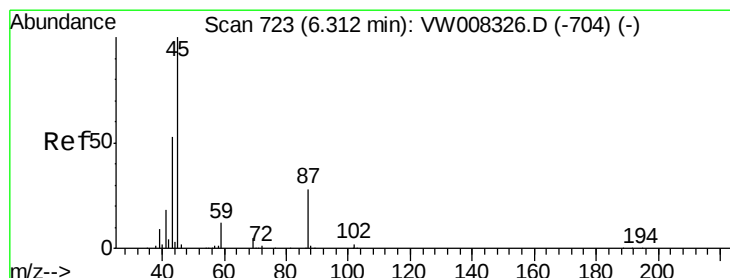
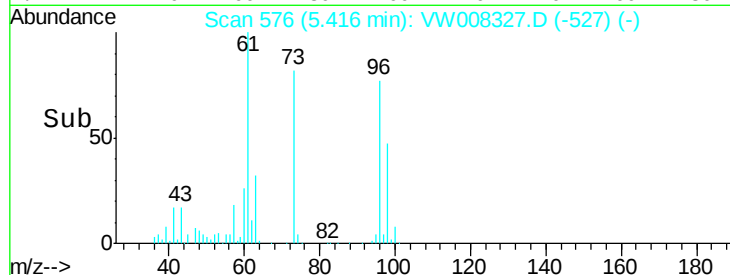
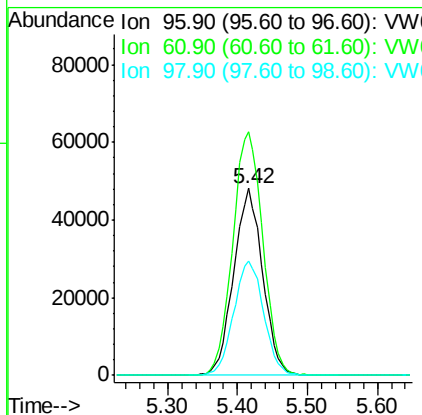
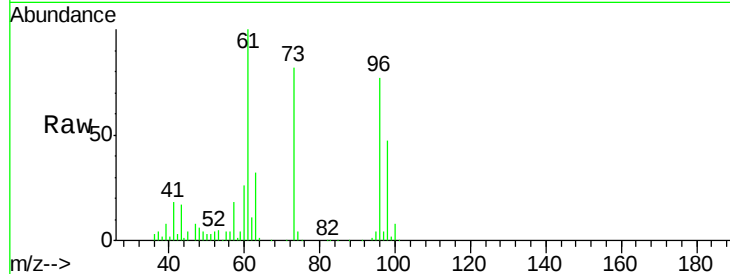
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	138612
Ion	Ratio	Lower	Upper
96	100		
61	130.1	114.5	171.7
98	61.2	52.0	78.0

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#22

Diisopropyl ether

Concen: 99.971 ug/l

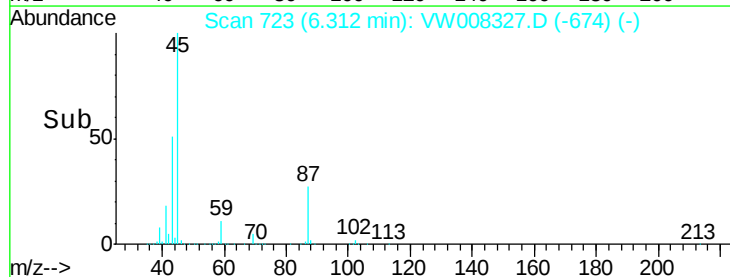
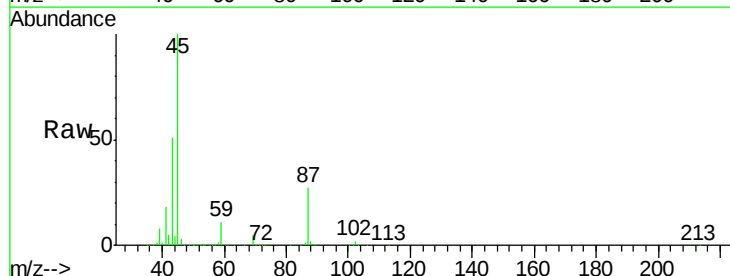
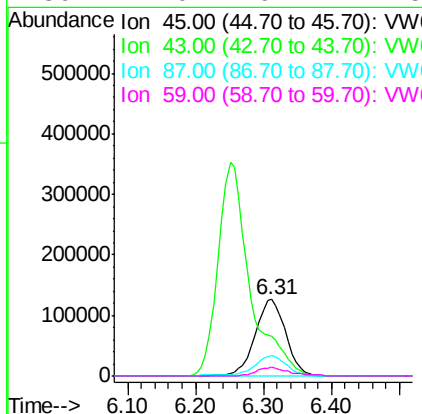
RT: 6.31 min Scan# 723

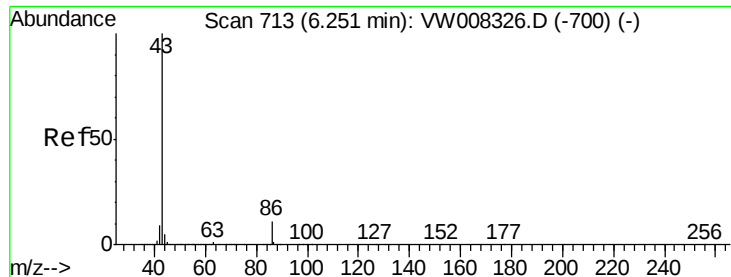
Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Tgt Ion:	45	Resp:	399231
Ion	Ratio	Lower	Upper
45	100		
43	50.6	42.5	63.7
87	27.1	22.2	33.2
59	11.0	9.7	14.5





#23

Vinyl Acetate

Concen: 539.468 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1151582

Ion Ratio Lower Upper

43 100

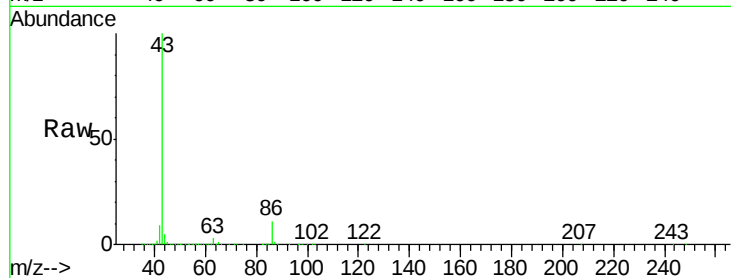
86 10.8 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

400000

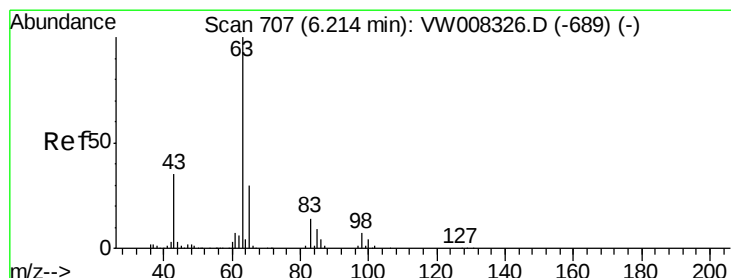
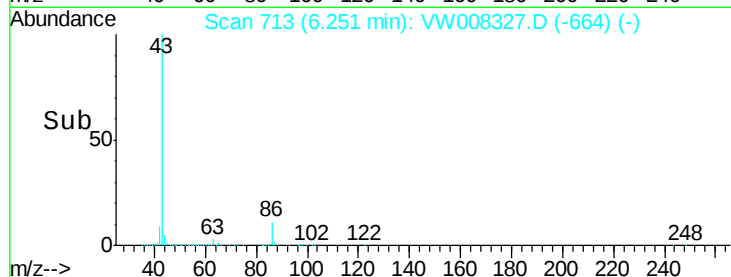
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 98.285 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

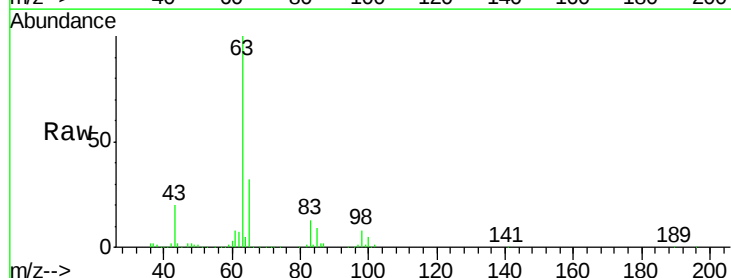
Tgt Ion: 63 Resp: 238983

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.6

100 4.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

100000

80000

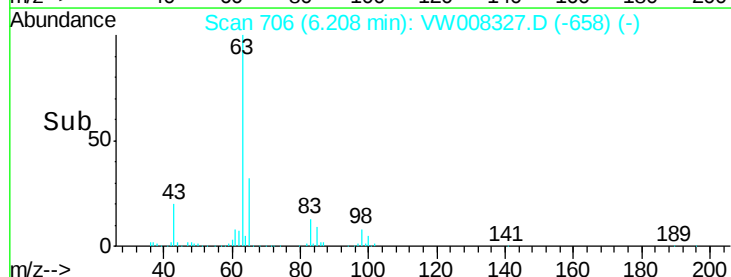
60000

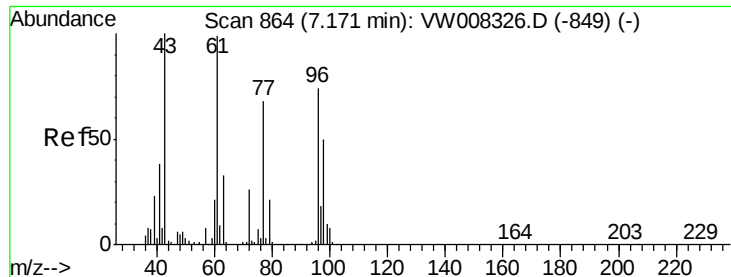
40000

20000

0

Time-->





#25

2-Butanone

Concen: 530.432 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 195708

Ion Ratio Lower Upper

43 100

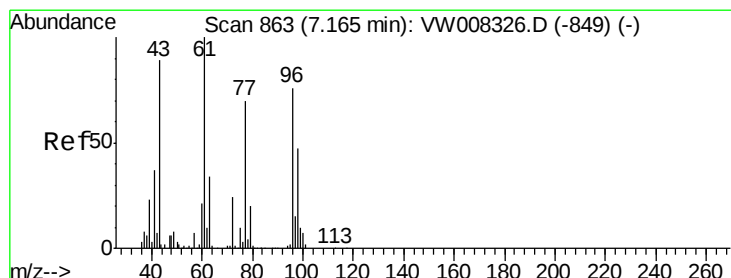
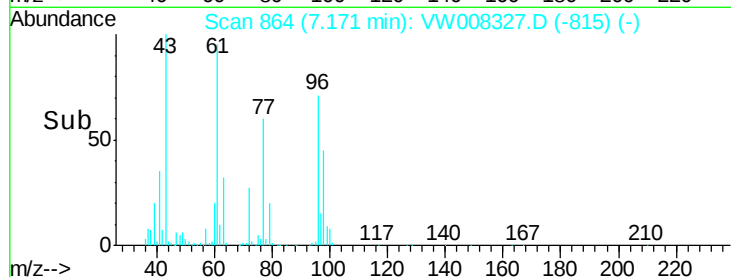
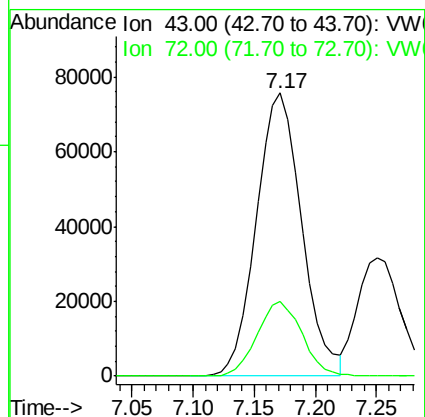
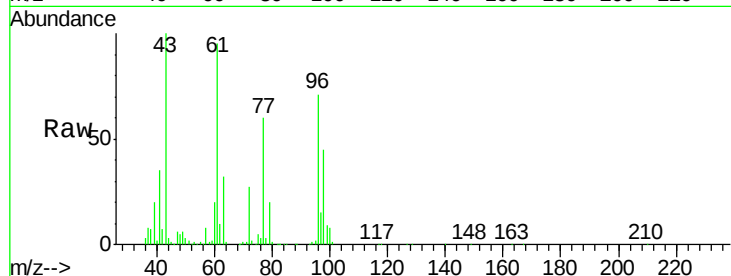
72 26.6 21.2 31.8

Manual Integrations

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1/18/2019 2:09:44 PM



#26

2,2-Dichloropropane

Concen: 93.140 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008327.D

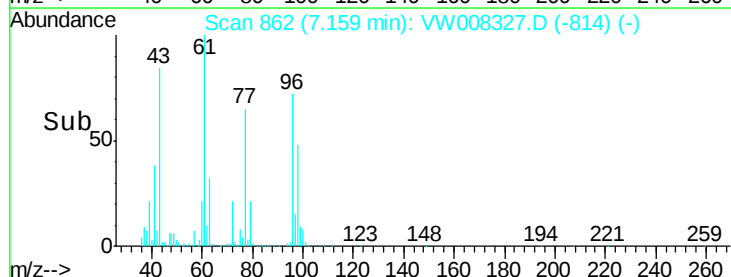
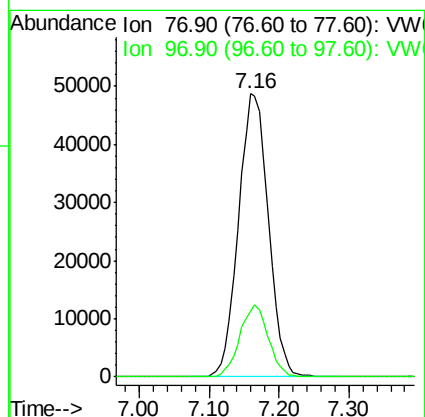
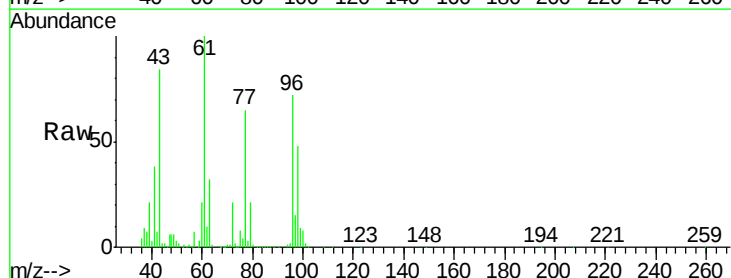
Acq: 17 Jan 2019 14:31

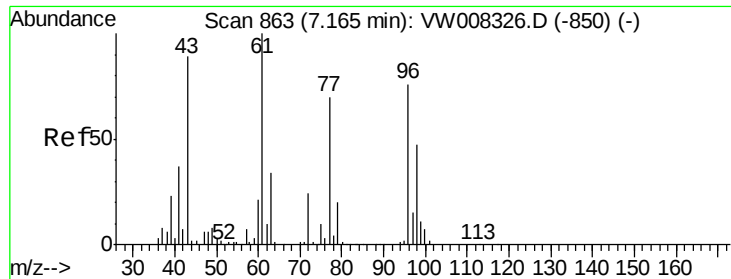
Tgt Ion: 77 Resp: 144525

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1





#27

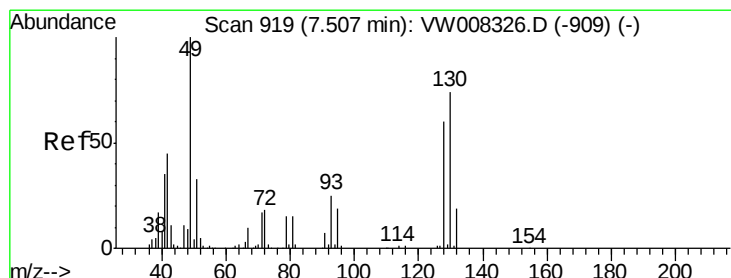
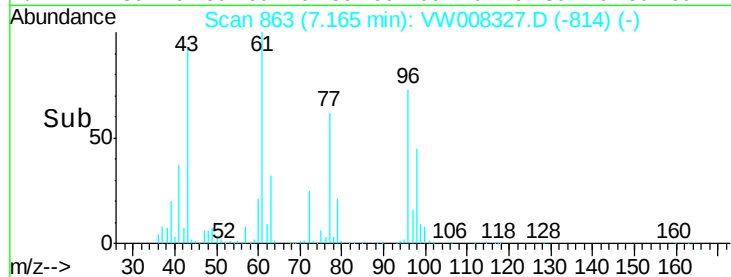
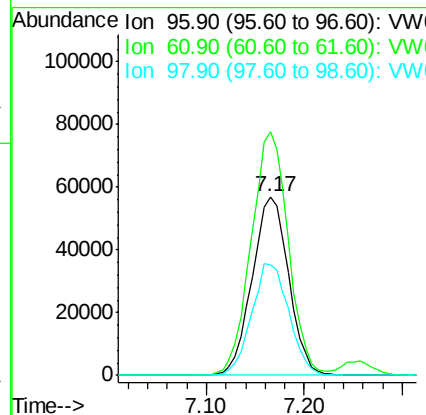
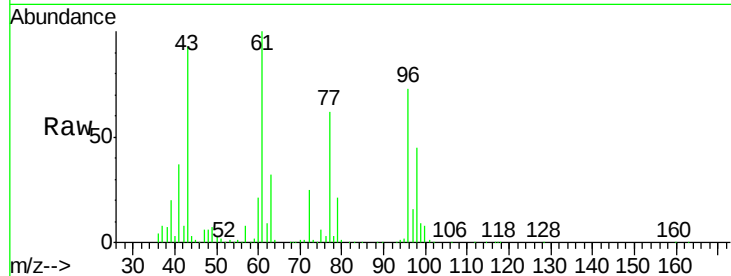
cis-1,2-Dichloroethene
Concen: 99.919 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	272.2
98	63.7	0.0	129.4

Manual Integrations
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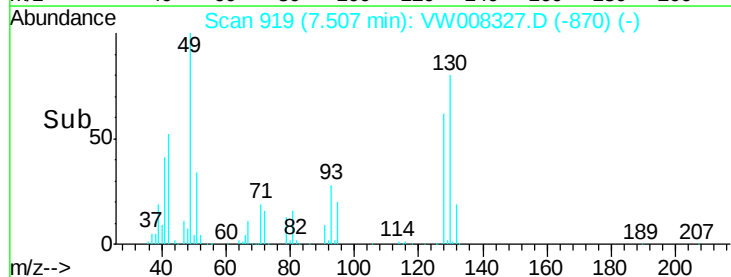
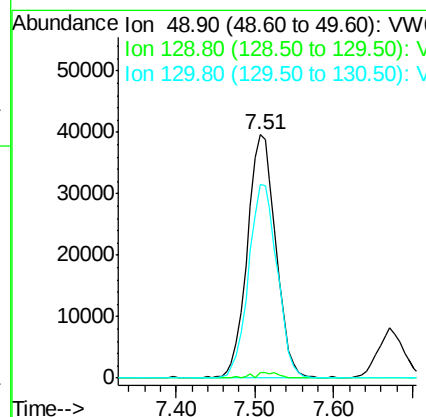
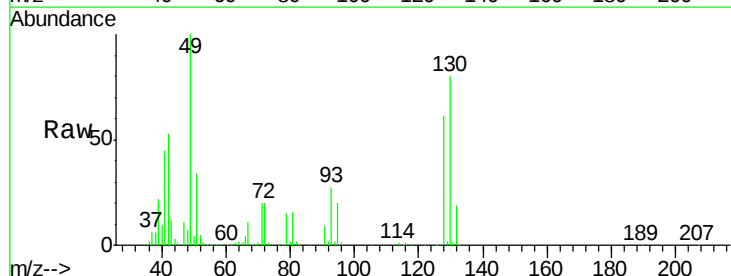
MMDadoda
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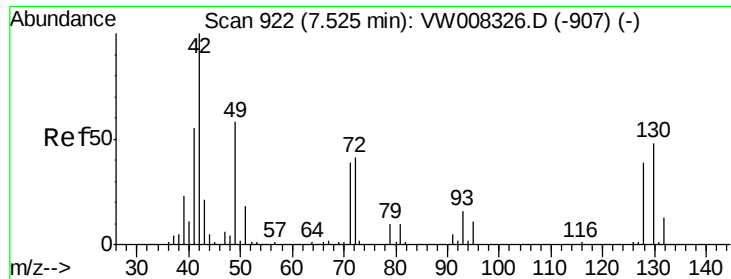


#28

Bromochloromethane
Concen: 99.590 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.6
130	79.7	0.0	0.0#





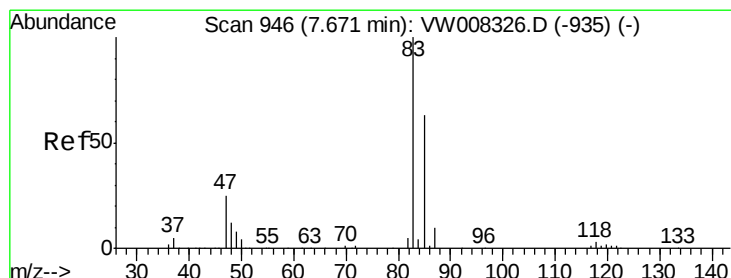
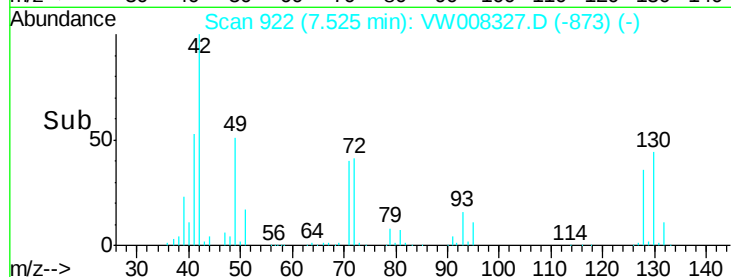
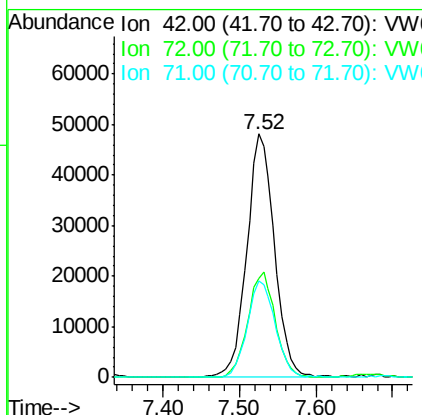
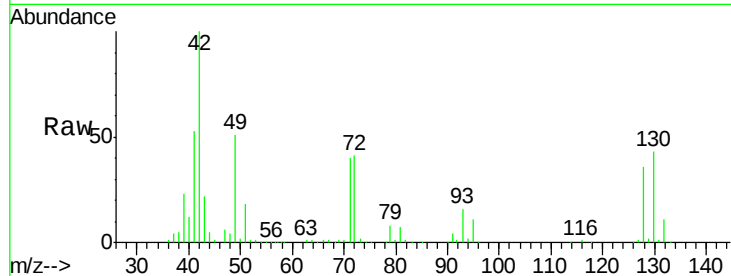
#29
Tetrahydrofuran
Concen: 528.352 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.0	51.0
71	40.2	32.0	48.0

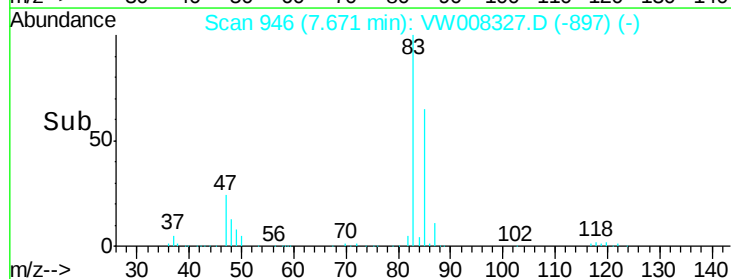
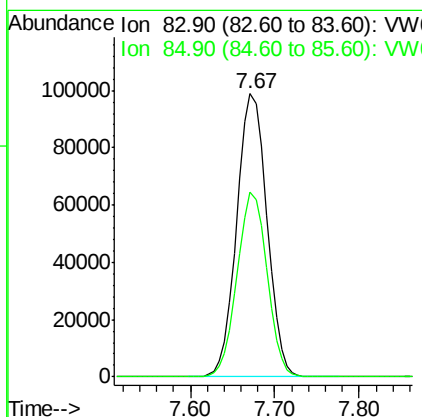
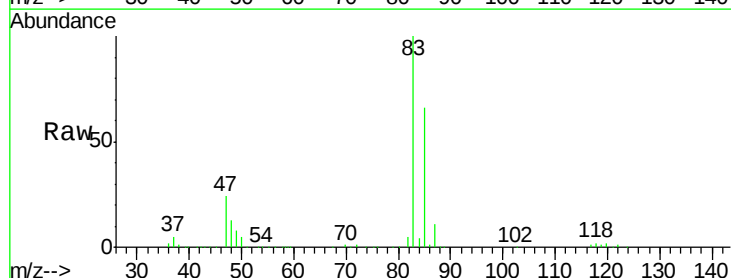
Manual Integrations
APPROVED

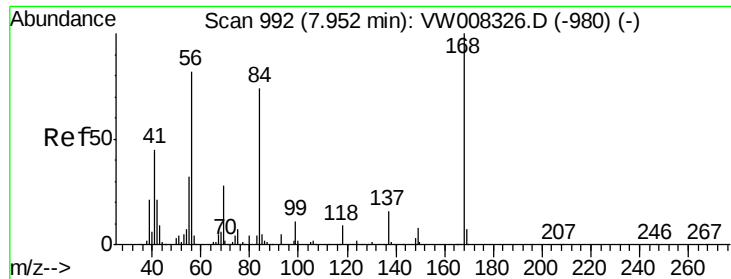
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#30
Chloroform
Concen: 99.740 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.2	75.2





#31

Cyclohexane

Concen: 95.752 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

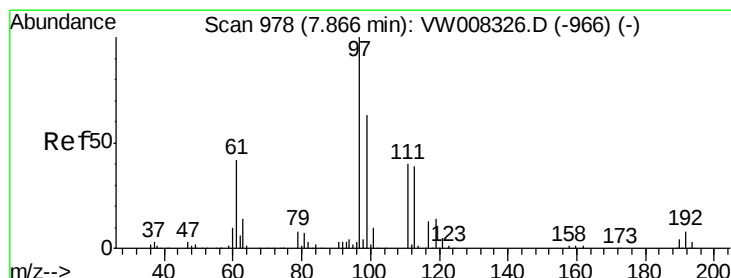
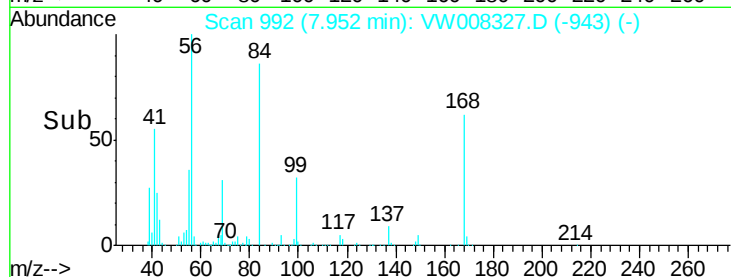
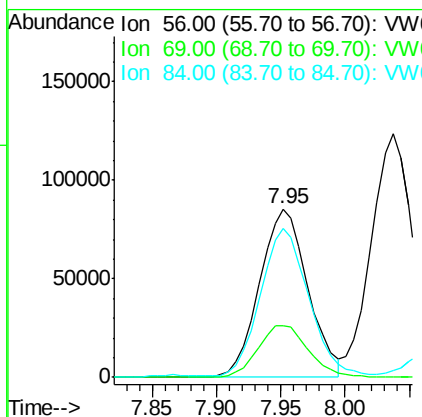
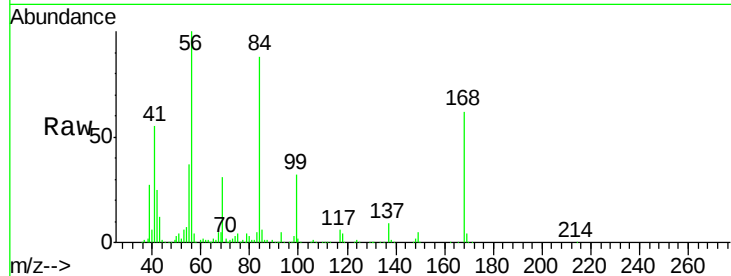
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	221831
Ion Ratio	Lower	Upper	
56	100		
69	30.8	27.0	40.6
84	87.2	72.5	108.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 99.088 ug/l

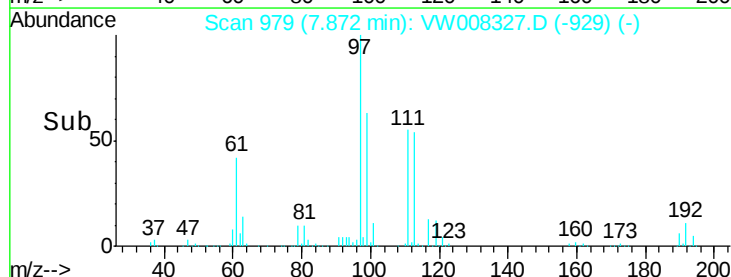
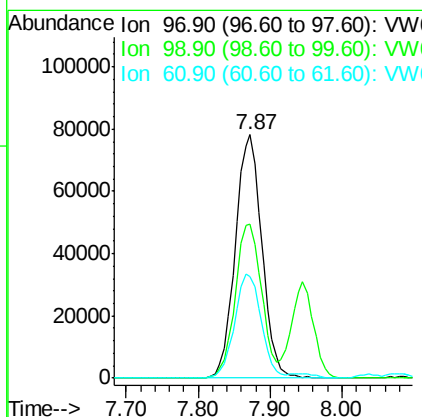
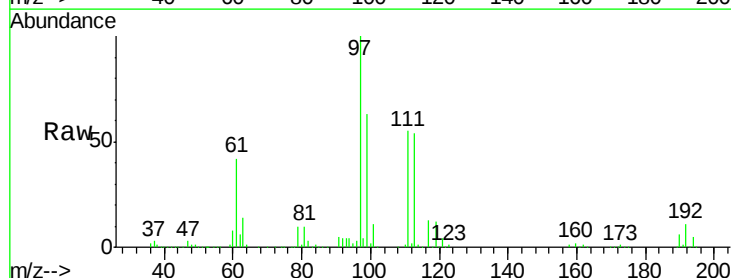
RT: 7.87 min Scan# 979

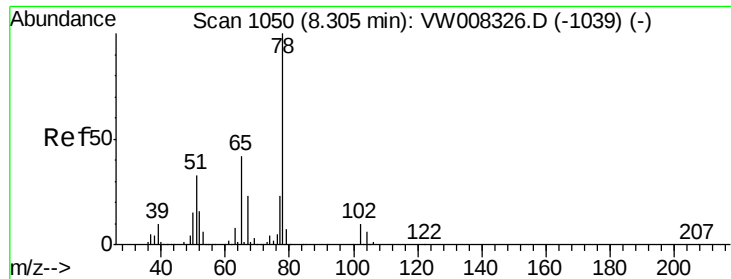
Delta R.T. 0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Tgt Ion:	97	Resp:	200063
Ion Ratio	Lower	Upper	
97	100		
99	62.9	51.1	76.7
61	42.7	34.0	51.0





#33

1,2-Dichloroethane-d4

Concen: 96.368 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 119536

Ion Ratio Lower Upper

65 100

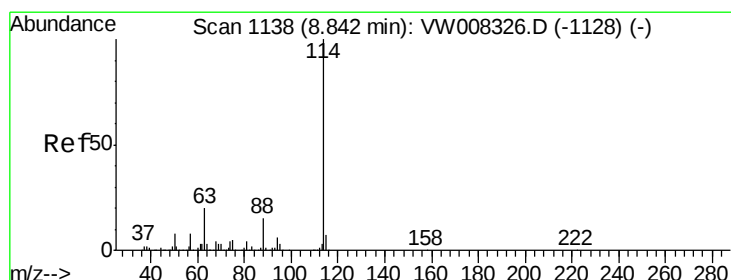
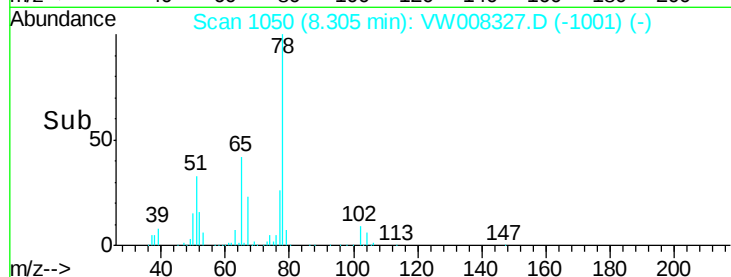
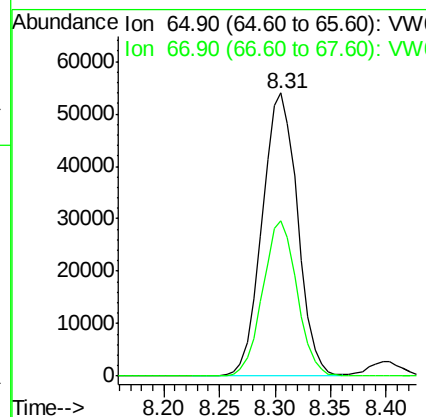
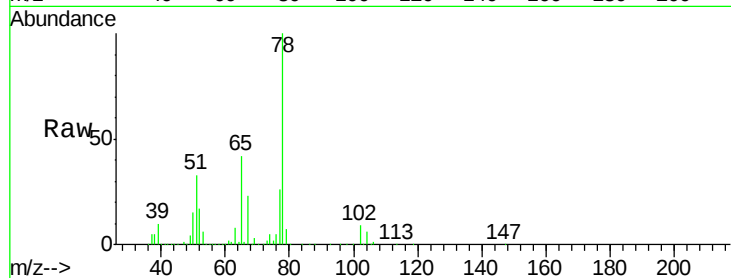
67 53.3 0.0 106.2

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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: VW008327.D

Acq: 17 Jan 2019 14:31

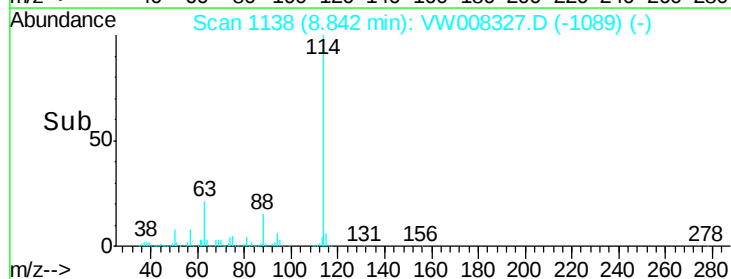
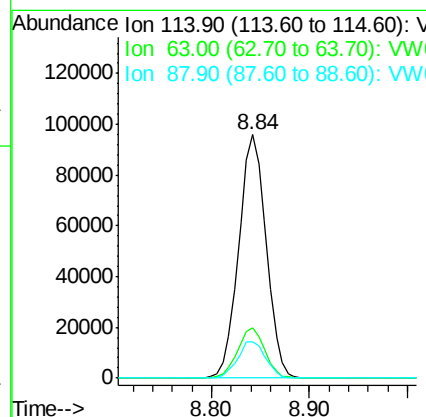
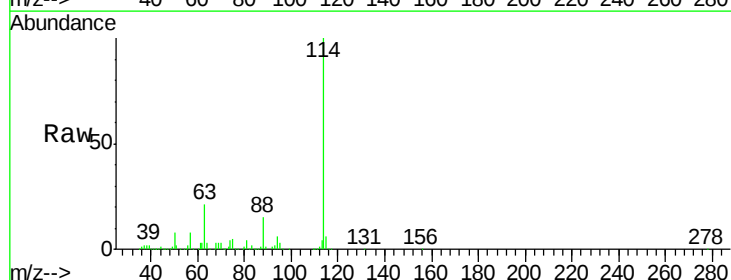
Tgt Ion: 114 Resp: 186560

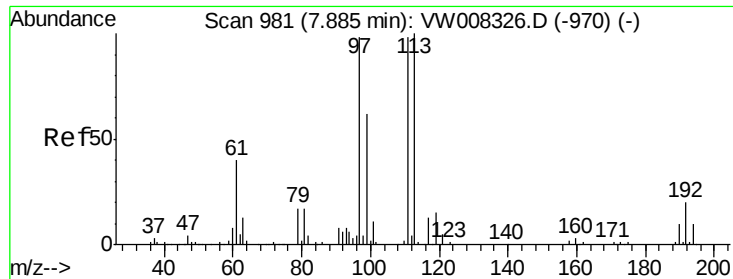
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.1 0.0 30.4





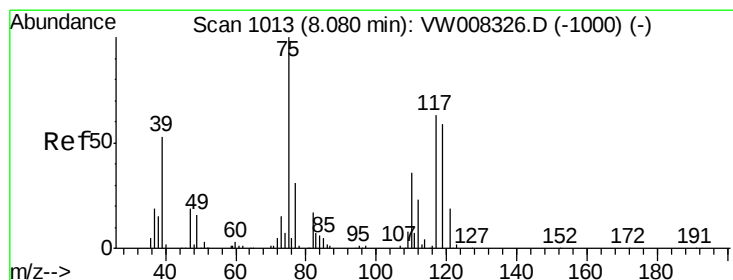
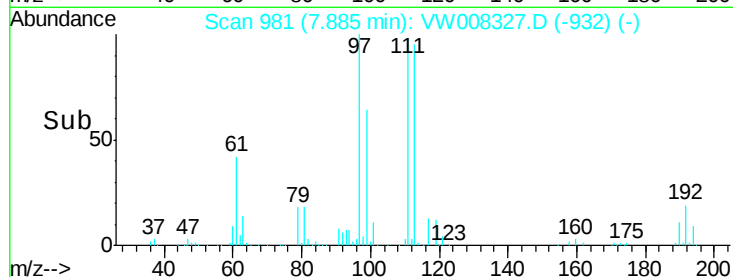
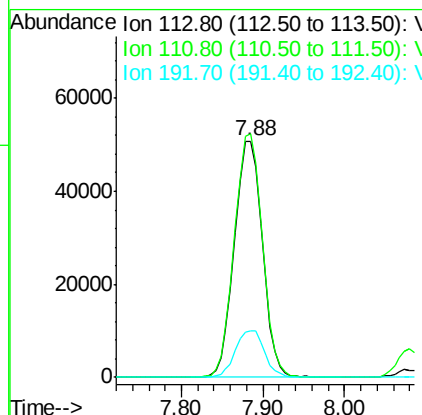
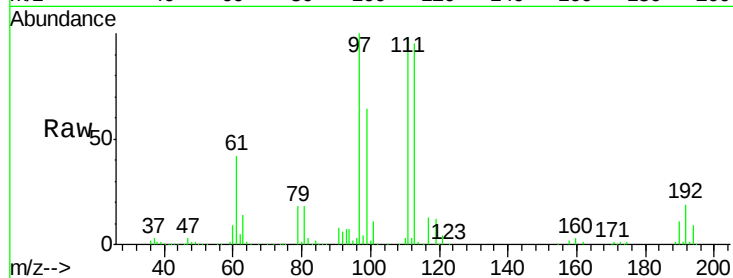
#35
 Dibromofluoromethane
 Concen: 101.443 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120806		
111	102.8	81.8	122.8	
192	20.4	16.3	24.5	

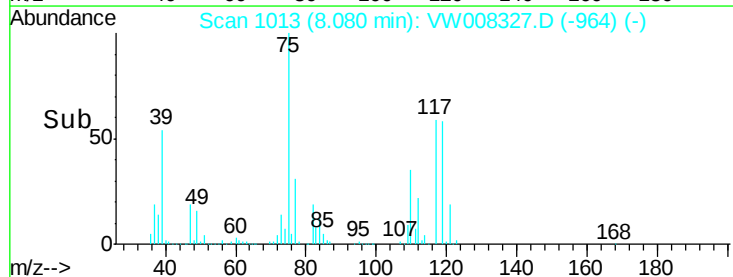
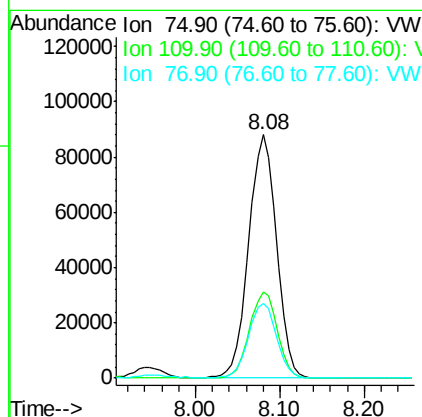
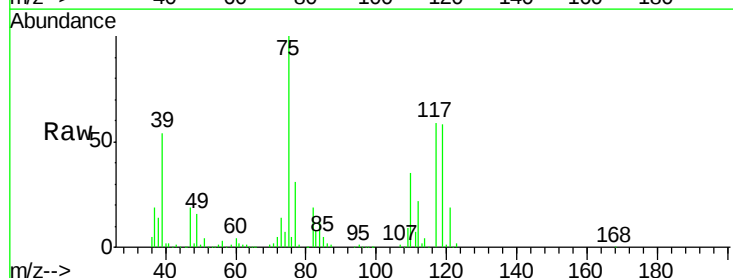
Manual Integrations
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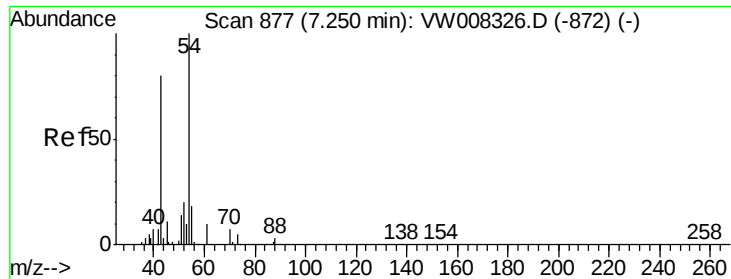
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#36
 1,1-Dichloropropene
 Concen: 104.758 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	196626		
110	35.5	17.5	52.6	
77	31.4	25.0	37.6	





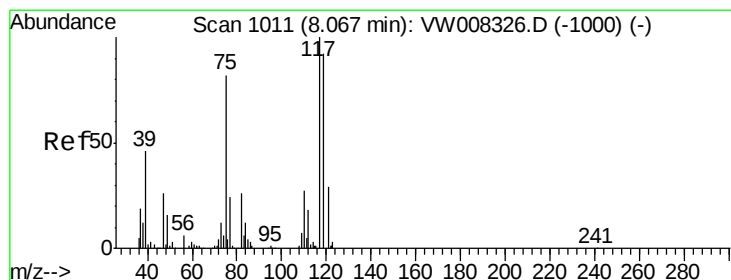
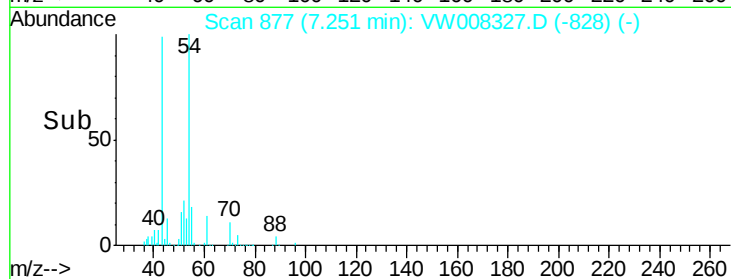
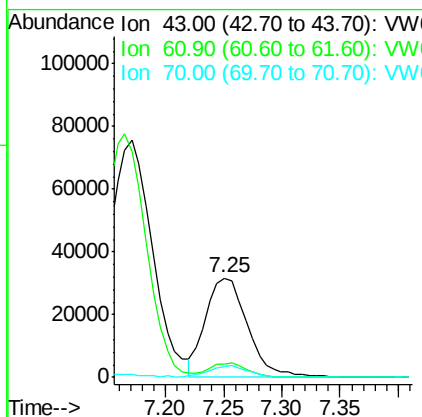
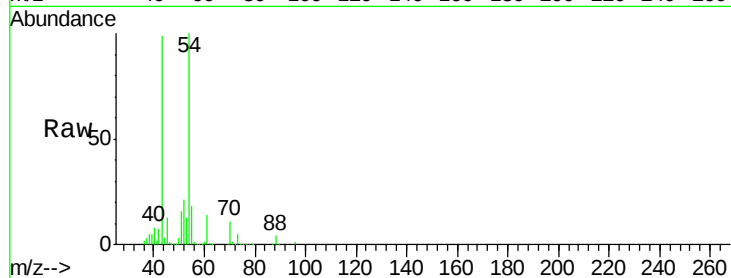
#37
Ethyl Acetate
Concen: 101.241 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	11.2	8.8	13.2

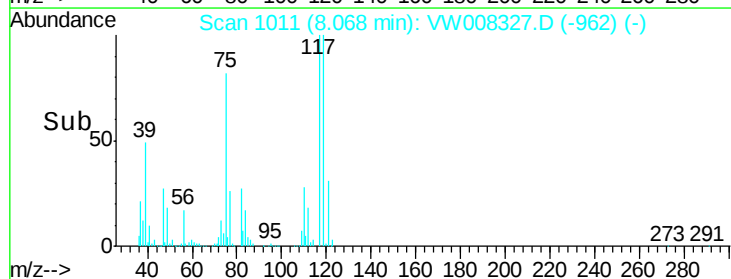
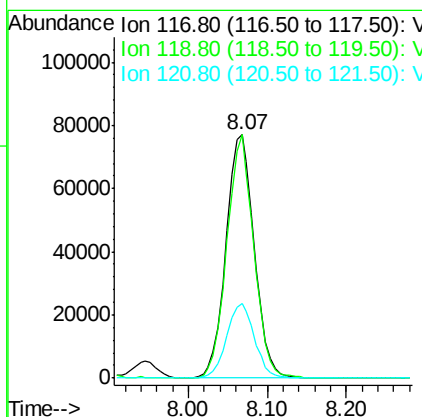
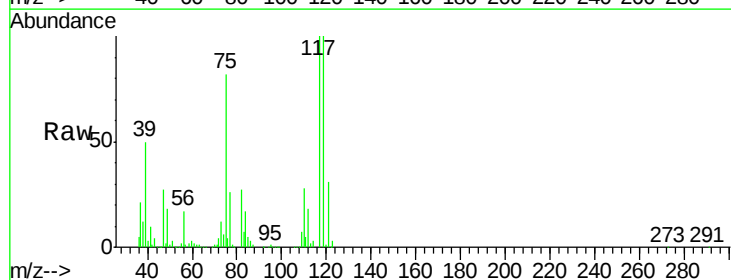
Manual Integrations
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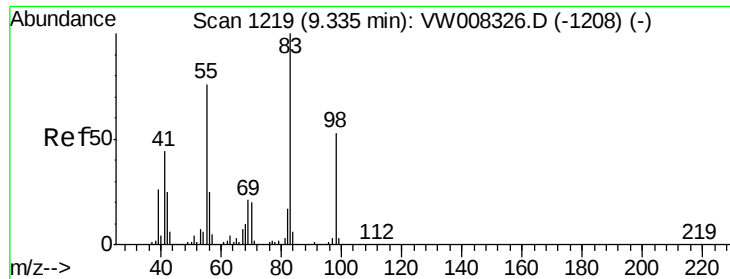
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#38
Carbon Tetrachloride
Concen: 103.425 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	73.8	110.6
121	30.8	23.4	35.0





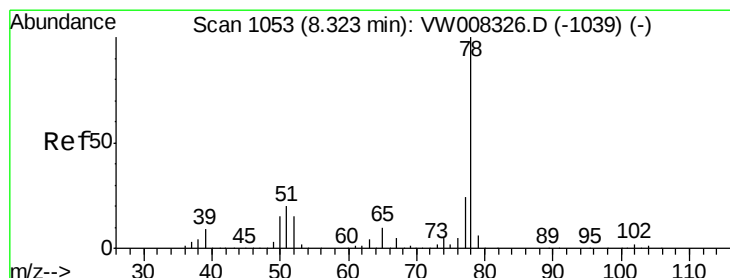
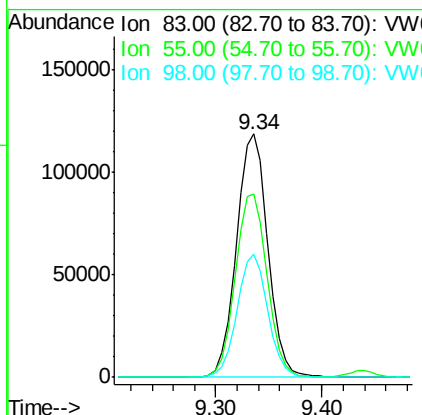
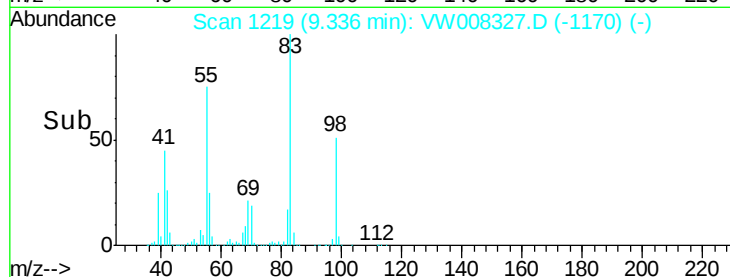
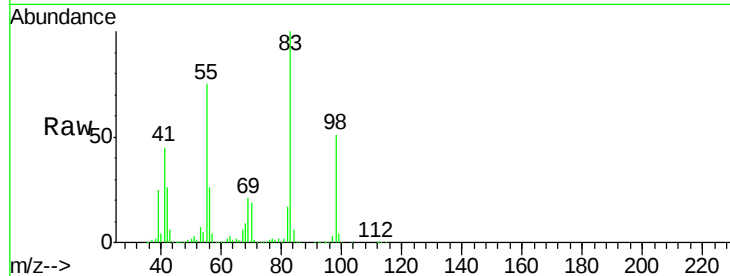
#39
Methvlcvclohexane
Concen: 109.950 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	61.1	91.7
98	50.5	42.5	63.7

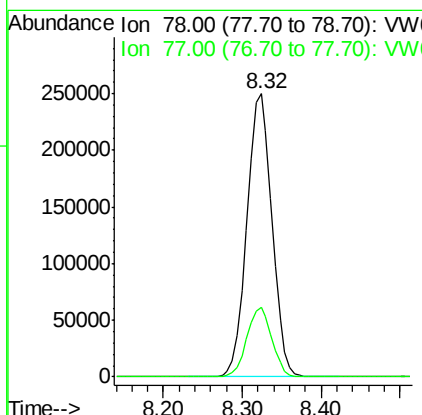
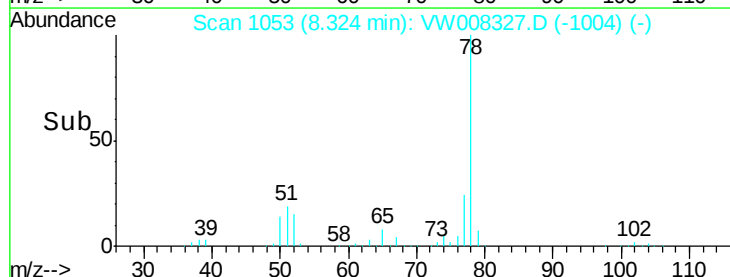
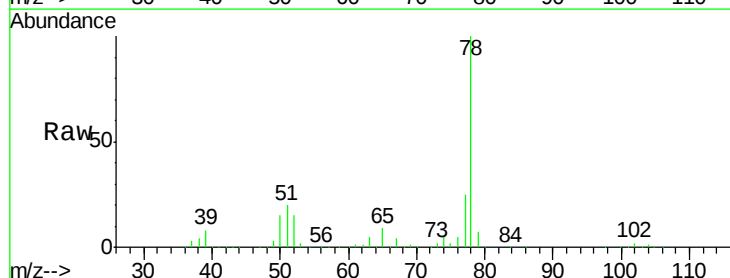
Manual Integrations
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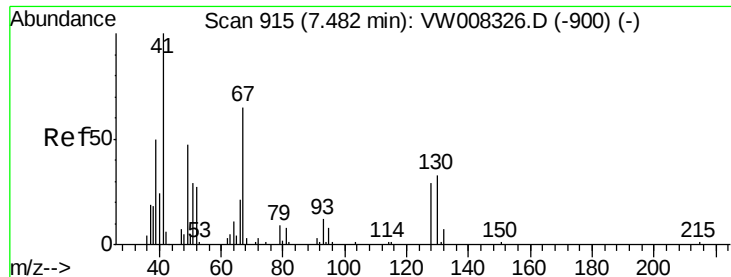
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#40
Benzene
Concen: 103.649 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0





#41

Methacrylonitrile

Concen: 108.096 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

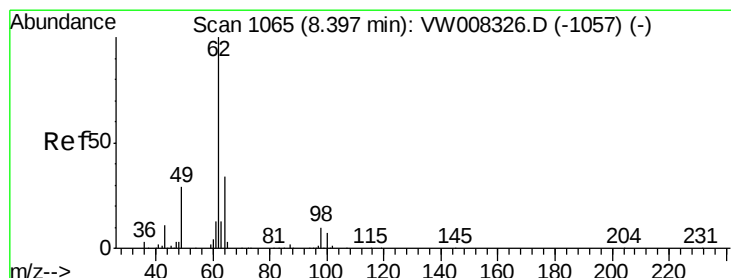
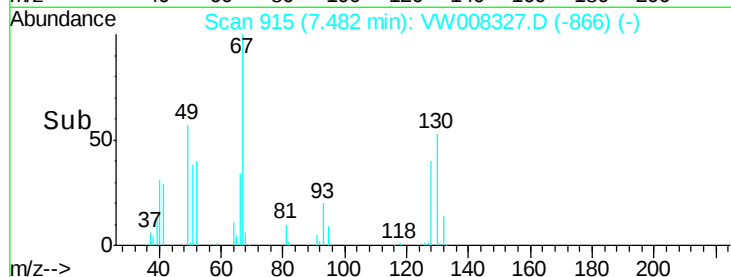
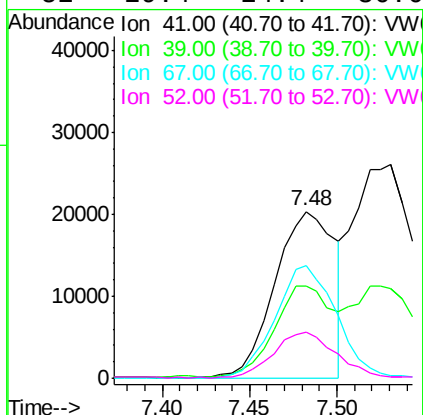
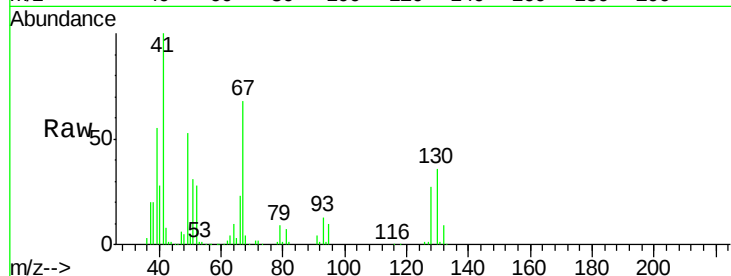
ClientSampleId :

VSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.4	44.9	67.3	
67	70.0	56.9	85.3	
52	29.4	24.4	36.6	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 100.687 ug/l

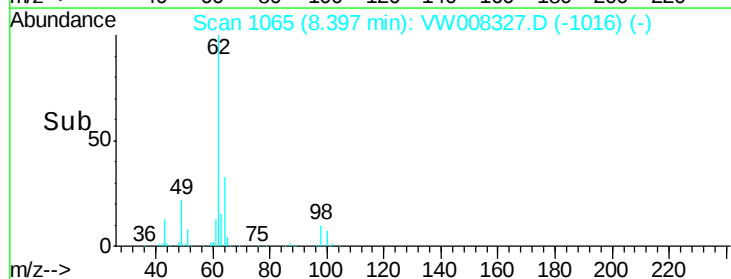
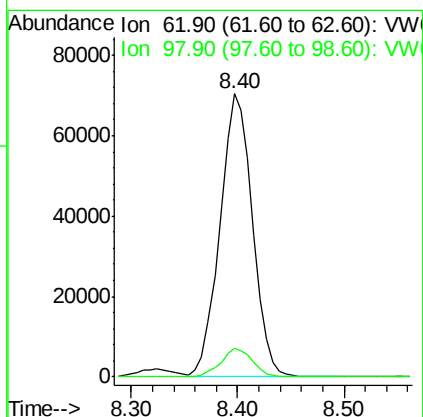
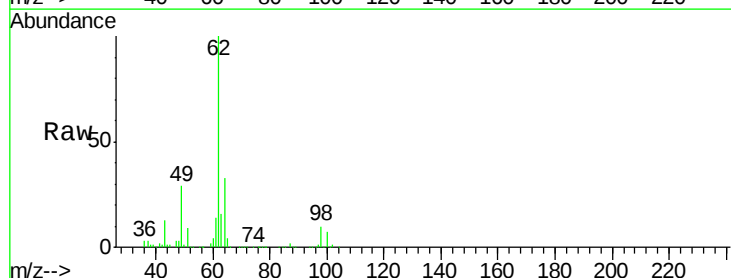
RT: 8.40 min Scan# 1065

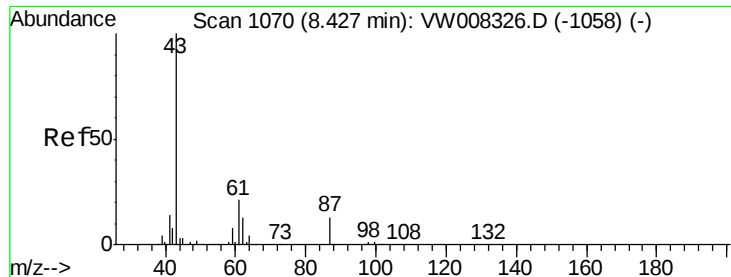
Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.0	





#43

Isopropyl Acetate

Concen: 107.811 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

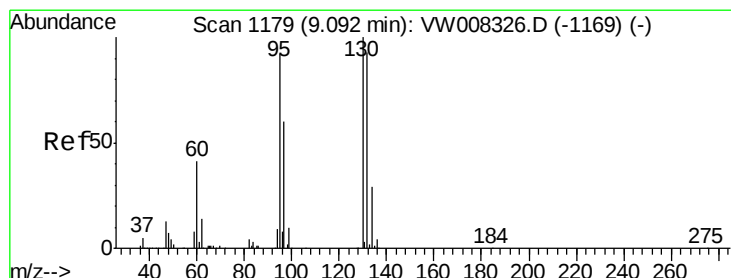
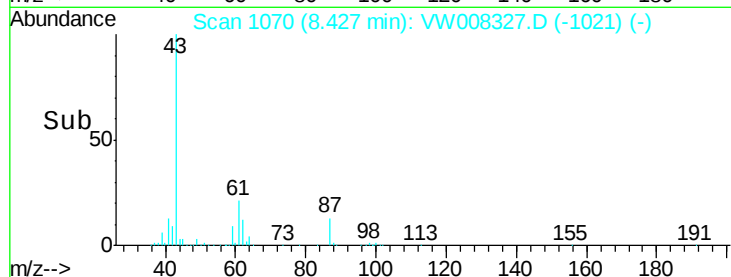
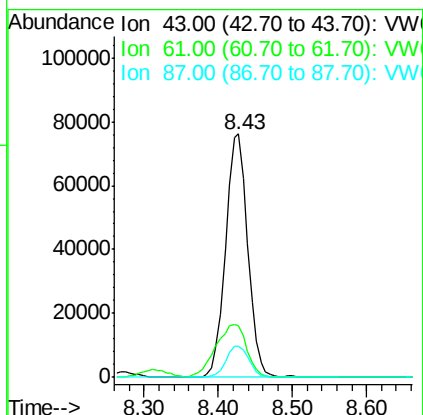
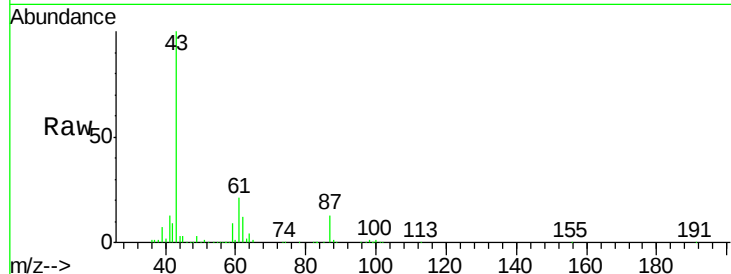
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	157625
Ion	Ratio	Lower	Upper
43	100		
61	30.1	24.8	37.2
87	13.4	10.7	16.1

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#44

Trichloroethene

Concen: 104.008 ug/l

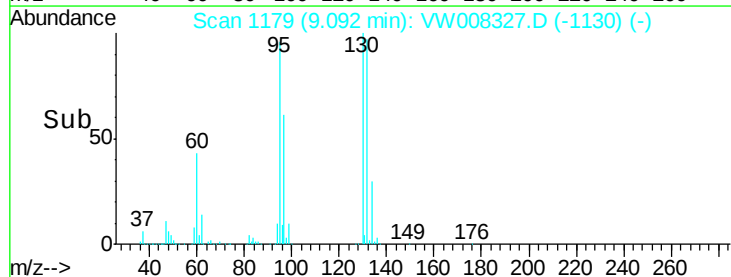
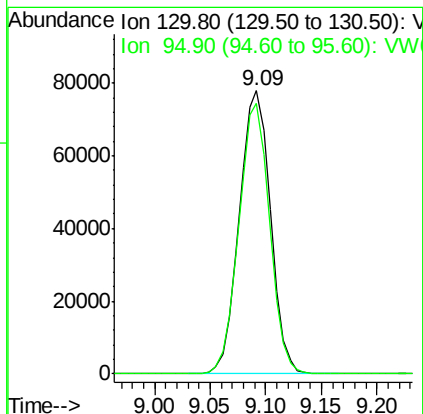
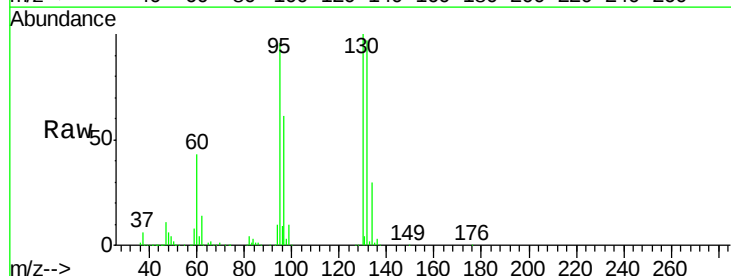
RT: 9.09 min Scan# 1179

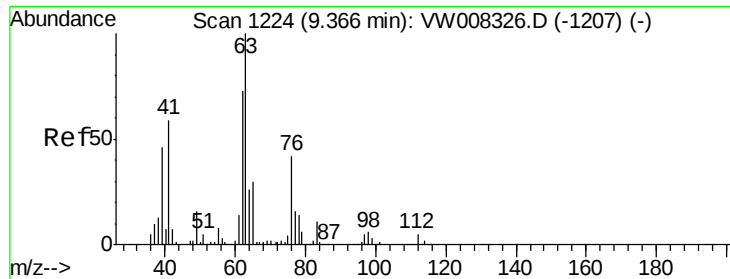
Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Tgt Ion:	130	Resp:	151504
Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	184.8





#45

1,2-Dichloropropane

Concen: 101.271 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 133747

Ion Ratio Lower Upper

63 100

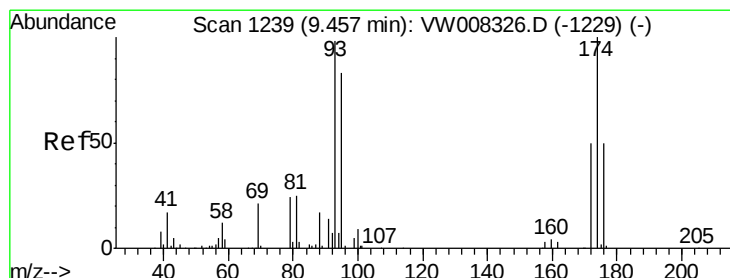
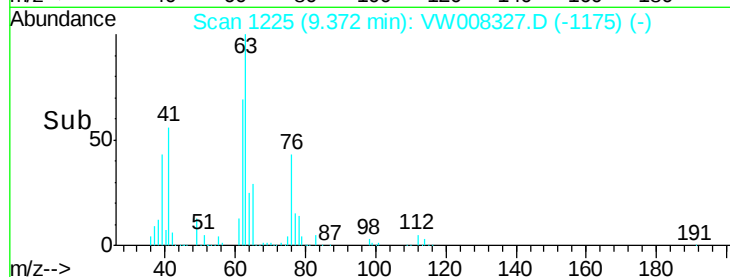
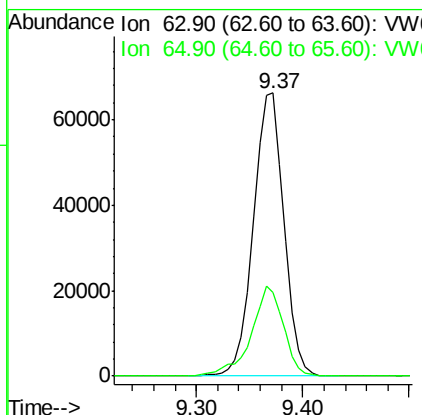
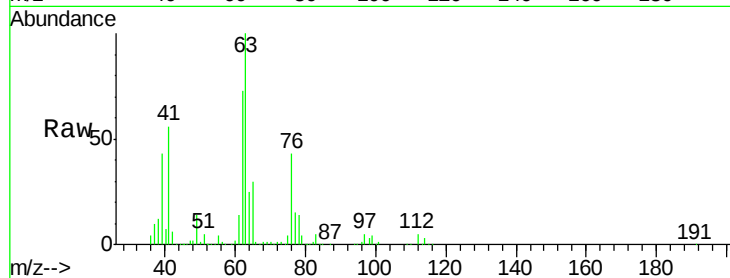
65 29.5 23.9 35.9

Manual Integrations

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#46

Dibromomethane

Concen: 100.875 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

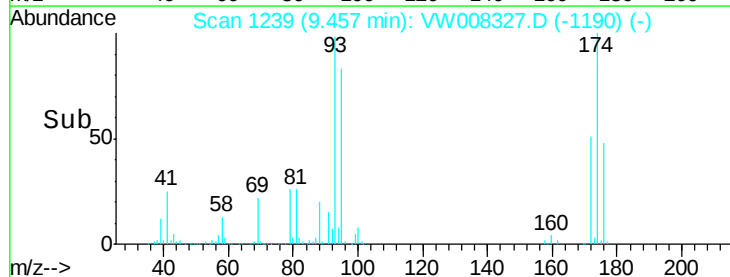
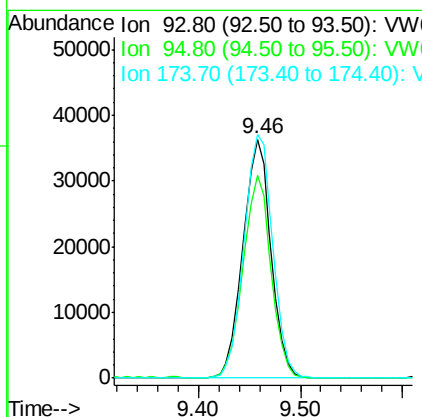
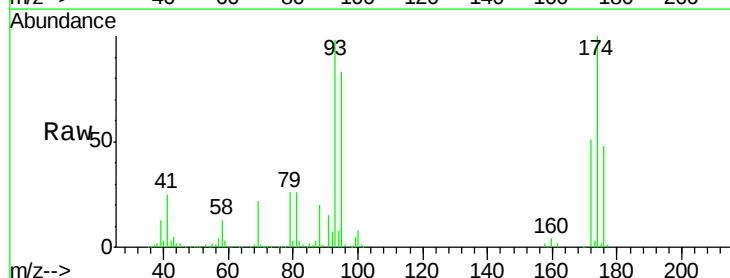
Tgt Ion: 93 Resp: 69435

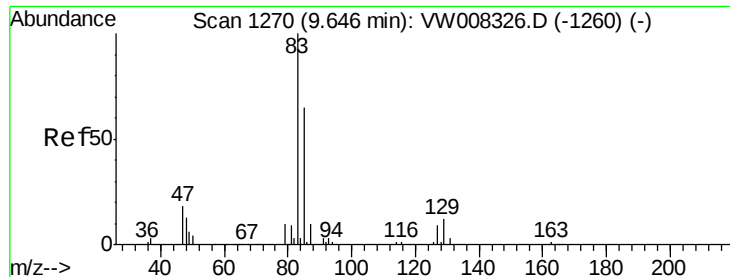
Ion Ratio Lower Upper

93 100

95 84.5 67.8 101.8

174 104.9 84.4 126.6





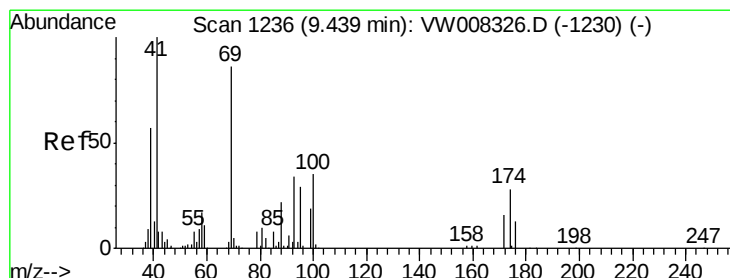
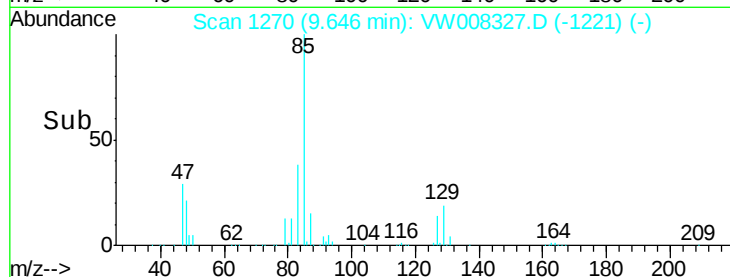
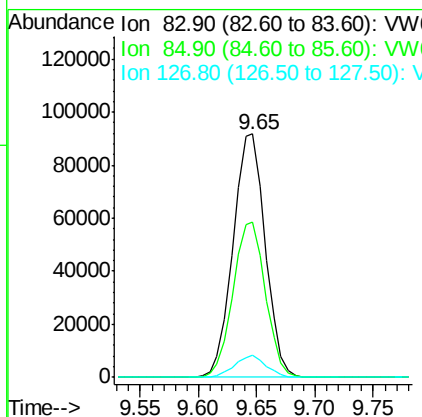
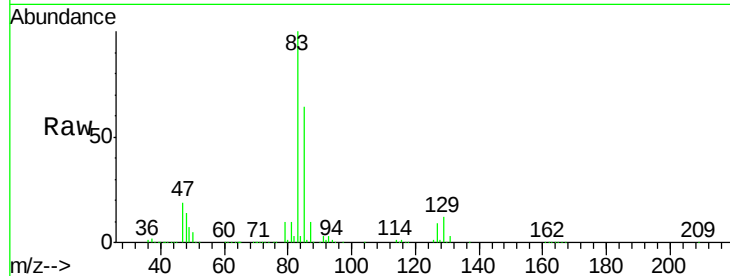
#47
Bromodichloromethane
Concen: 104.246 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	176997		
85	64.0		51.6	77.4
127	8.9		6.8	10.2

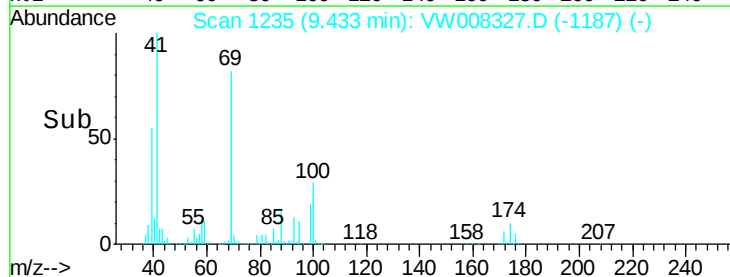
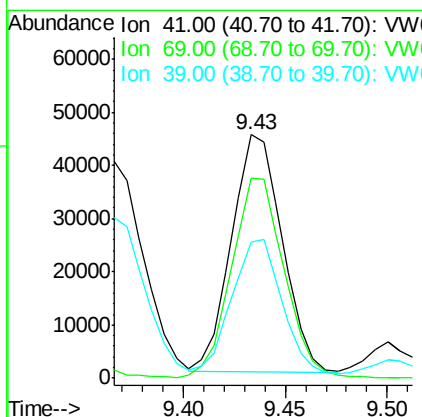
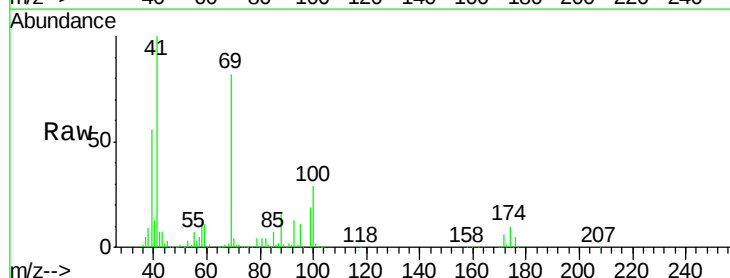
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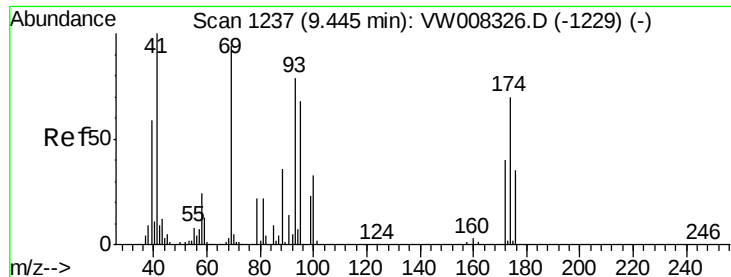
MMDadoda
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#48
Methyl methacrylate
Concen: 111.787 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	76940		
69	87.3		68.2	102.4
39	56.0		46.0	69.0





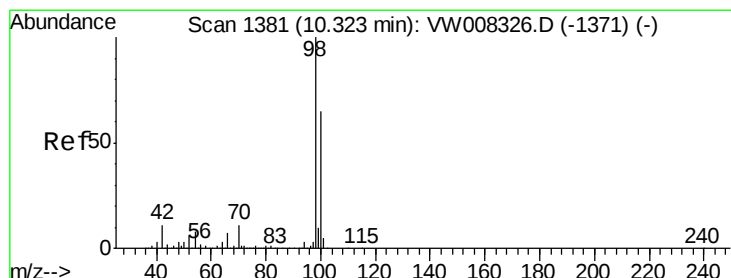
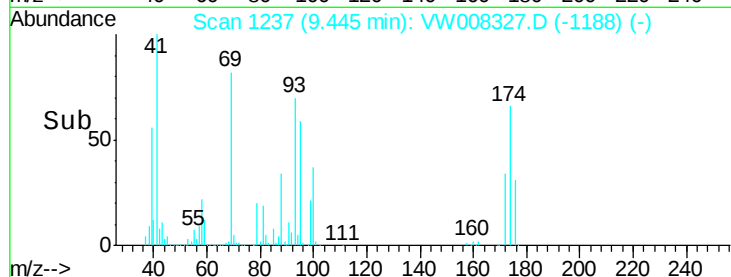
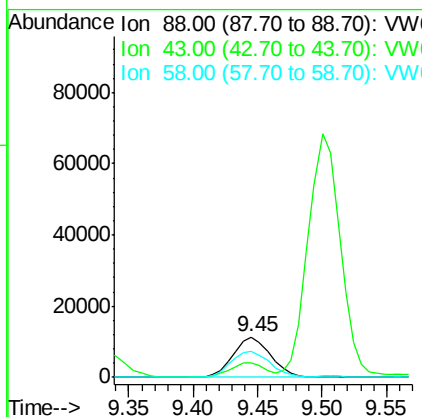
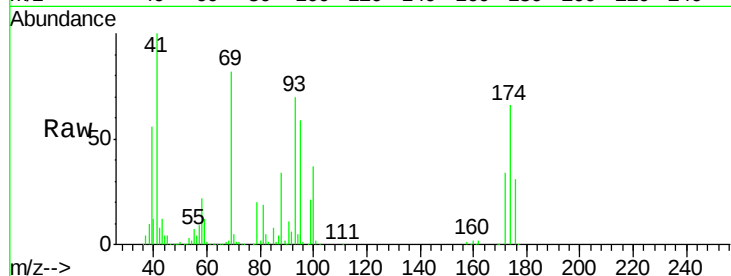
#49
1,4-Dioxane
Concen: 2054.734 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.1	40.7
58	68.4	57.9	86.9

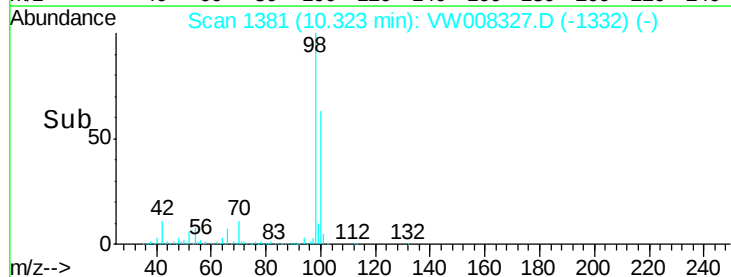
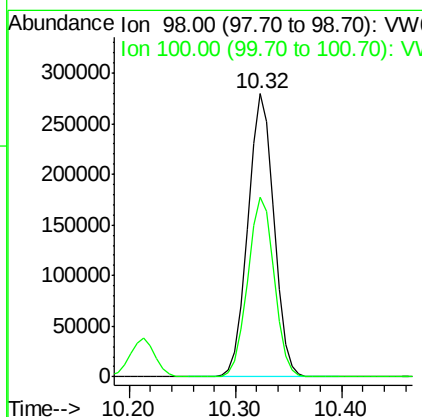
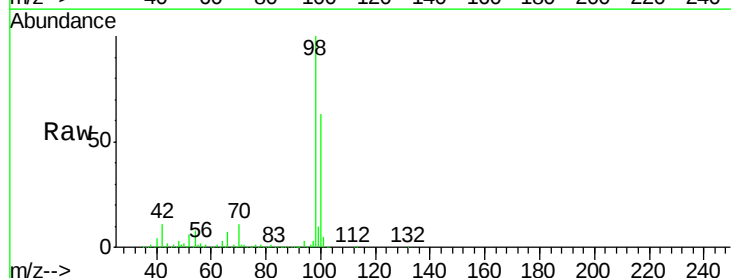
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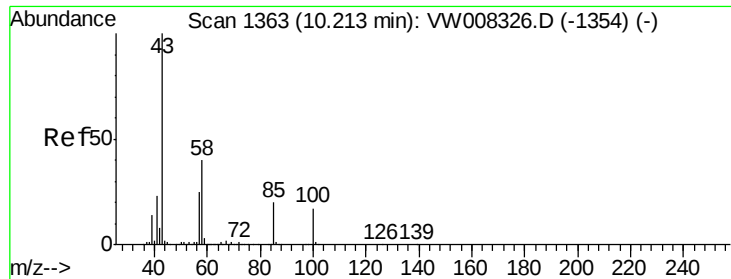
MMDadoda
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#50
Toluene-d8
Concen: 102.845 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 552.365 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 408927

Ion Ratio Lower Upper

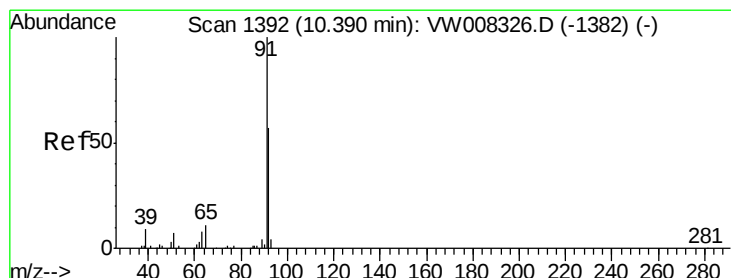
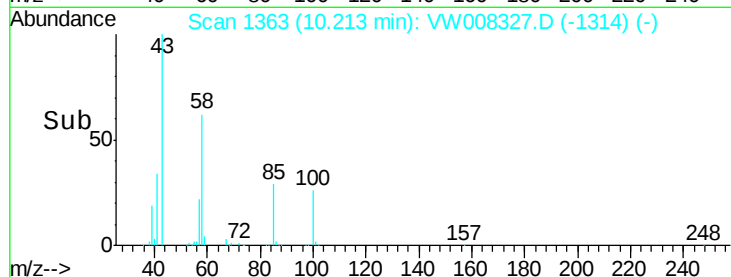
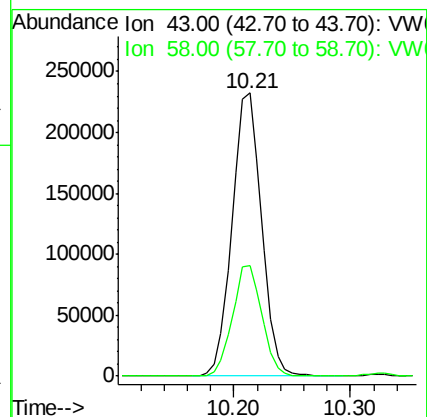
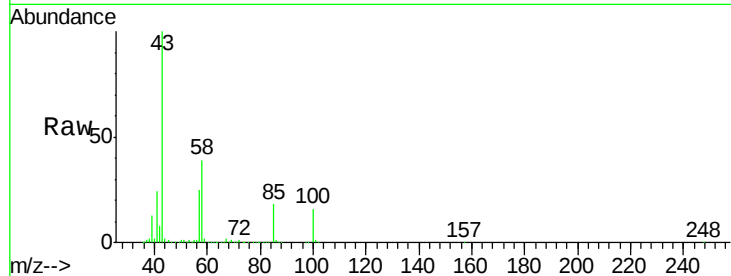
43 100

58 39.1 31.4 47.0

Manual Integrations
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#52

Toluene

Concen: 103.959 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008327.D

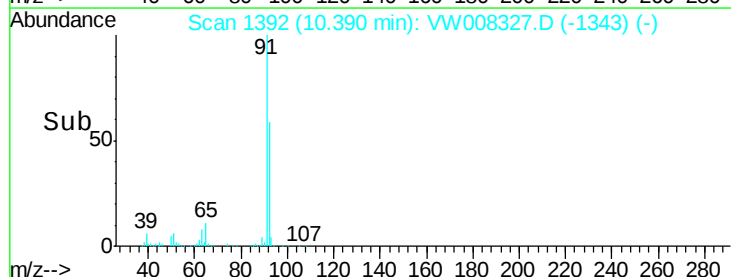
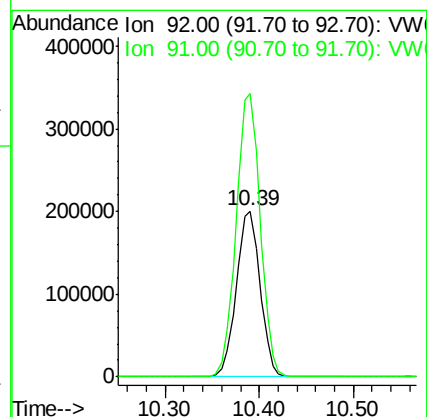
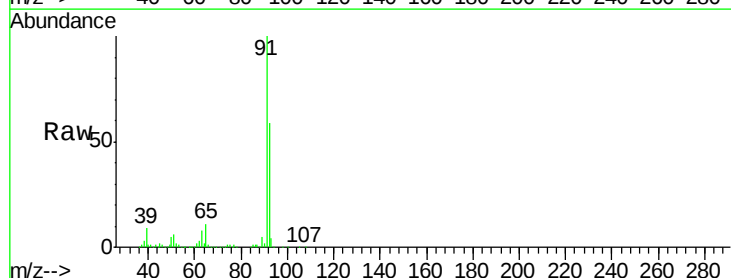
Acq: 17 Jan 2019 14:31

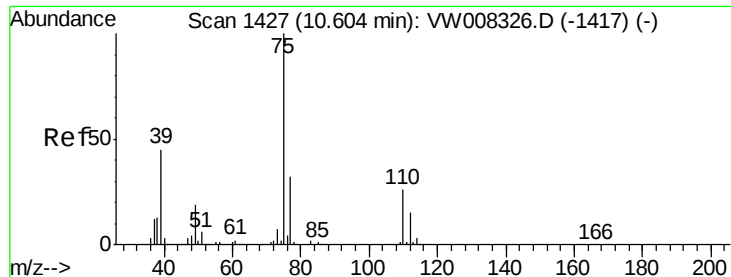
Tgt Ion: 92 Resp: 349792

Ion Ratio Lower Upper

92 100

91 173.7 140.2 210.2





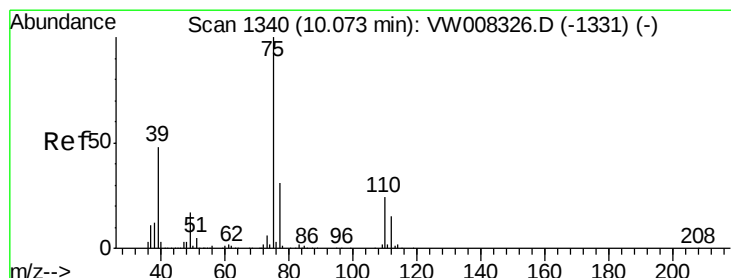
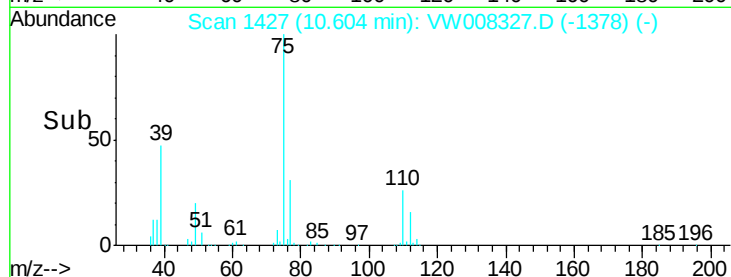
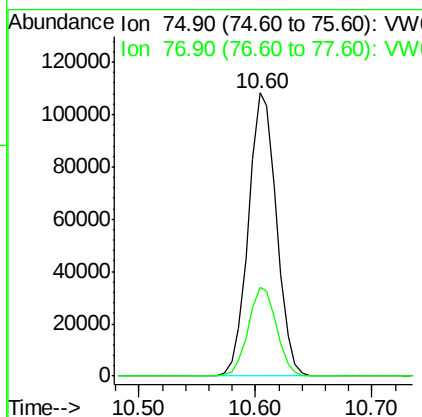
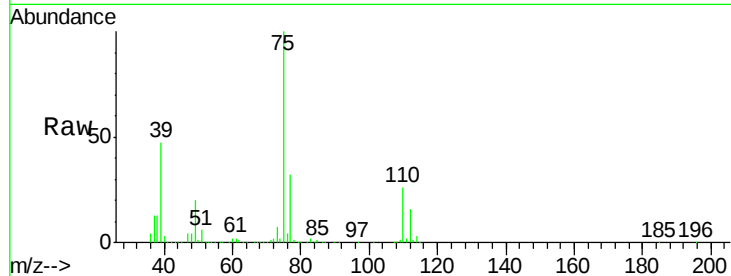
#53
t-1,3-Dichloropropene
Concen: 107.602 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion: 75 Resp: 182342
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8

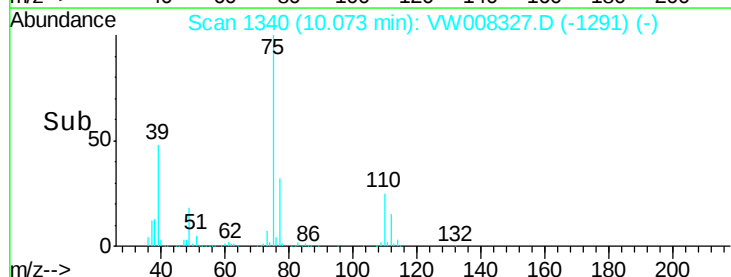
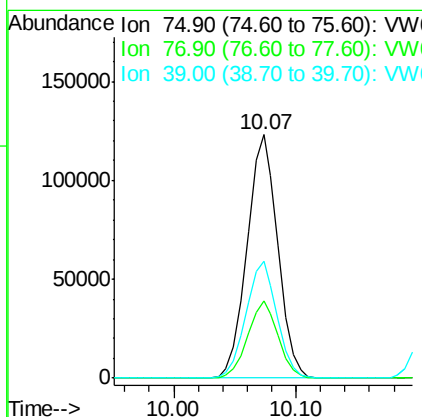
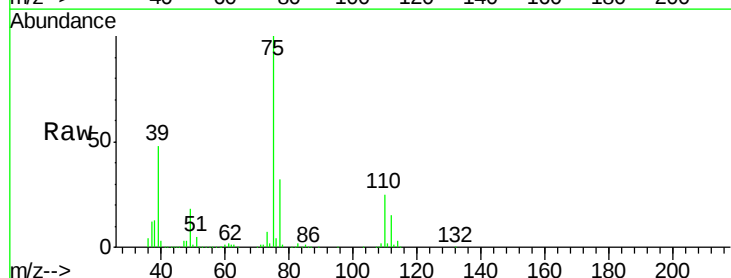
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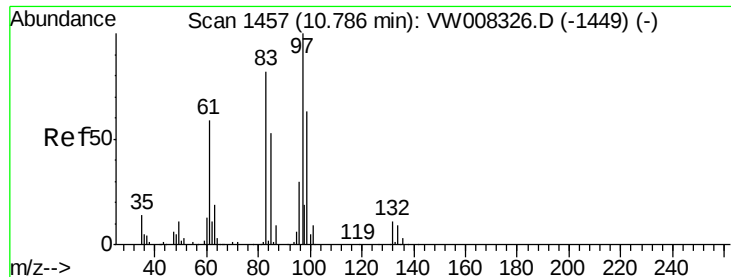
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#54
cis-1,3-Dichloropropene
Concen: 107.223 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion: 75 Resp: 214195
Ion Ratio Lower Upper
75 100
77 31.8 24.4 36.6
39 48.1 38.6 57.8





#55

1,1,2-Trichloroethane

Concen: 101.649 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

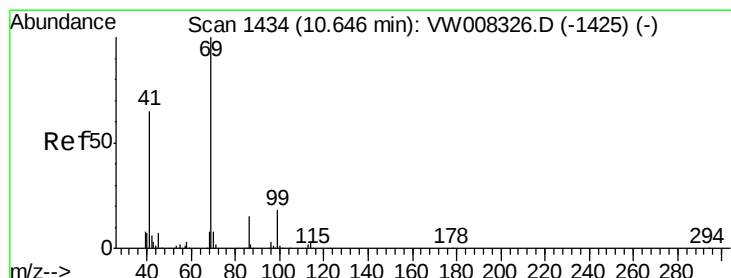
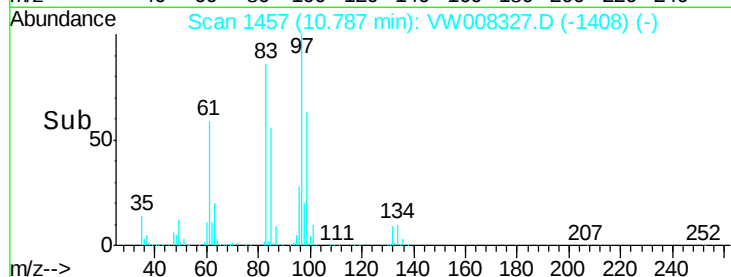
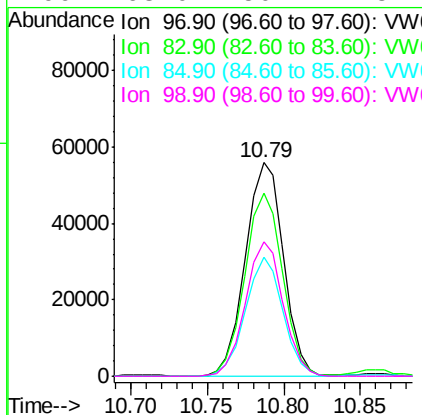
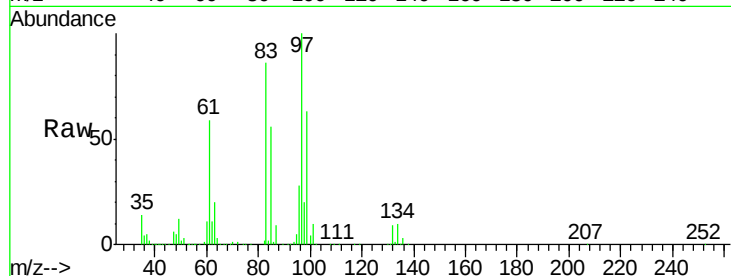
ClientSampleId :

VSTDIC100

Tot Ion:	97	Resp:	97046
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.3	97.9
85	55.9	42.6	64.0
99	63.0	50.2	75.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 112.560 ug/l

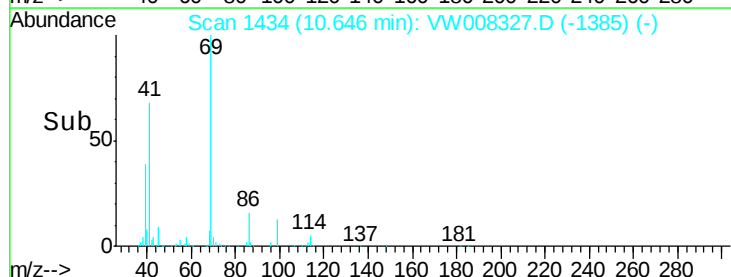
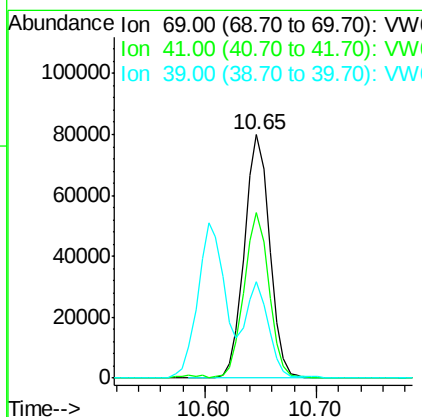
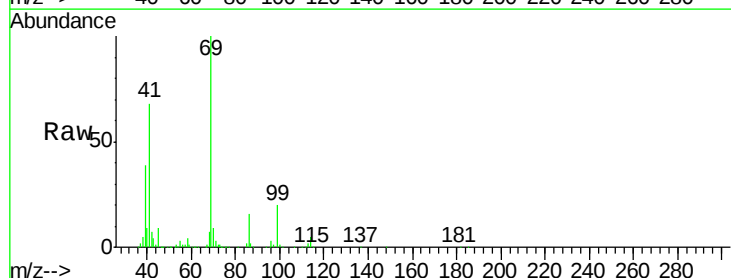
RT: 10.65 min Scan# 1434

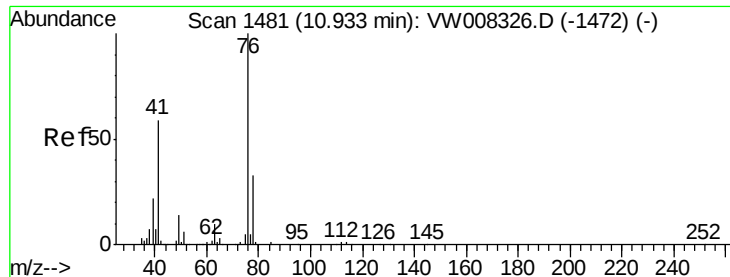
Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Tgt Ion:	69	Resp:	126205
Ion	Ratio	Lower	Upper
69	100		
41	66.8	52.9	79.3
39	34.6	28.4	42.6





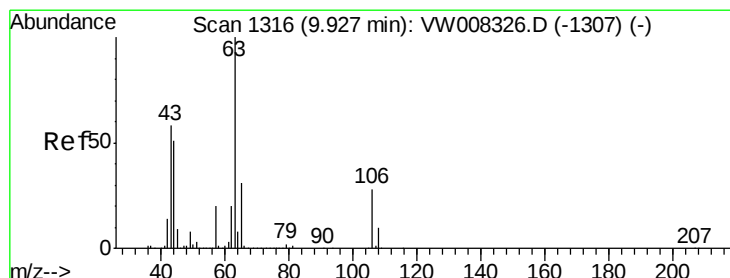
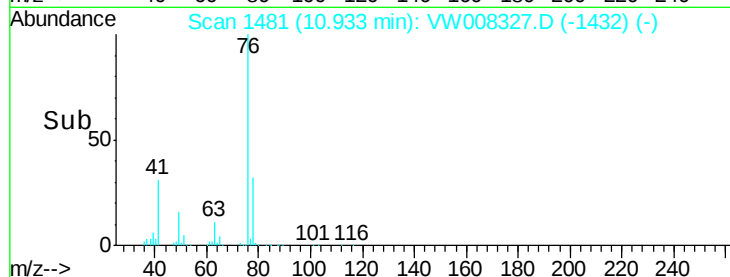
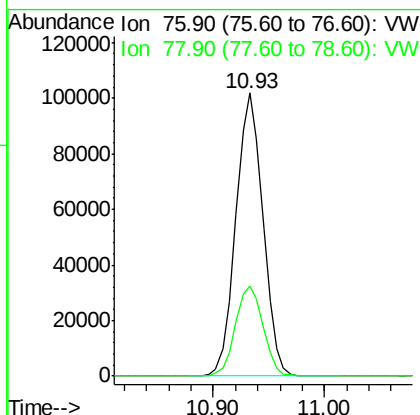
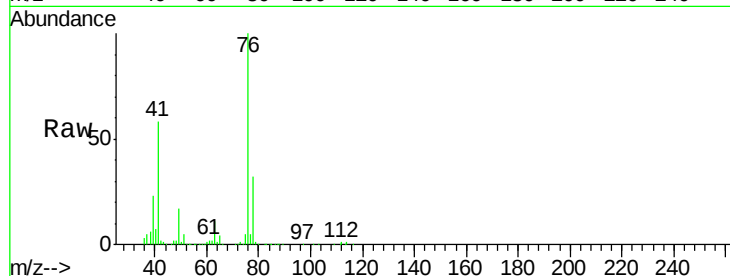
#57
 1,3-Dichloropropane
 Concen: 103.270 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 171189
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1

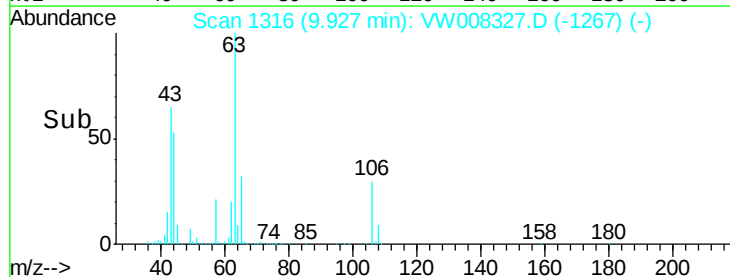
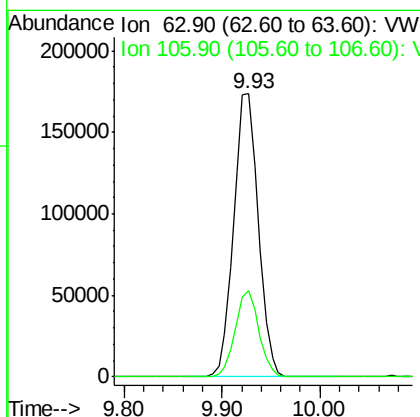
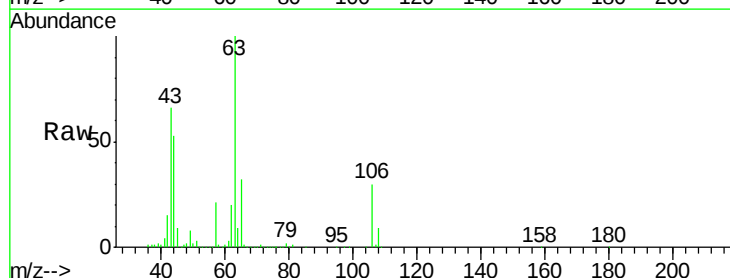
Manual Integrations
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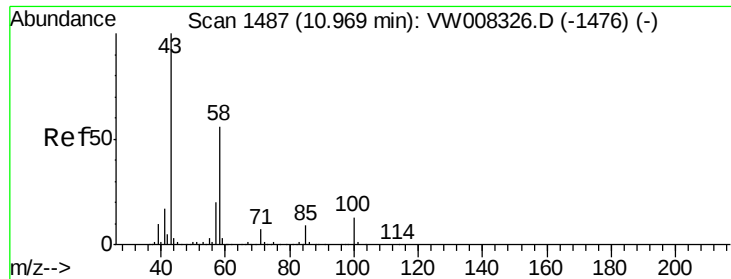
MMDadoda
 1/18/2019 2:09:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 561.941 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion: 63 Resp: 303915
 Ion Ratio Lower Upper
 63 100
 106 29.3 22.9 34.3





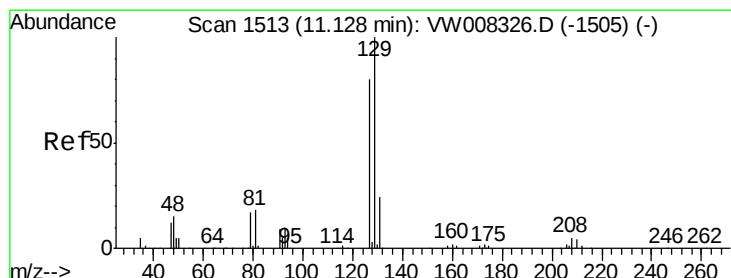
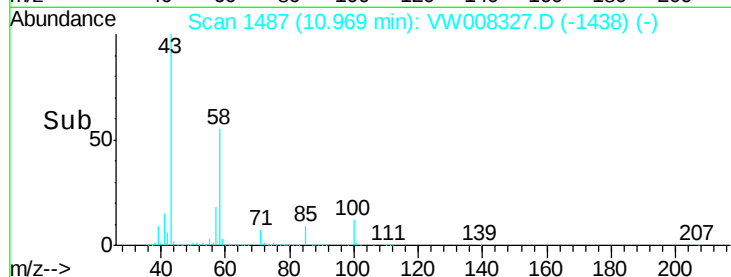
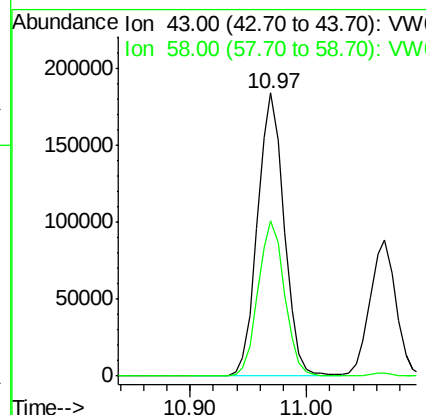
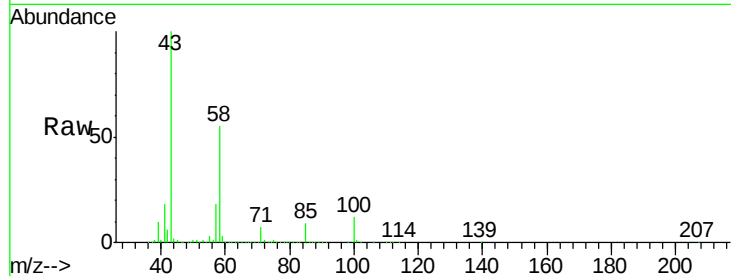
#59
2-Hexanone
Concen: 567.451 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	27.5	82.5

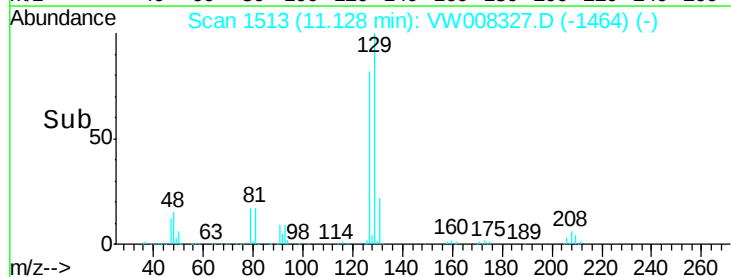
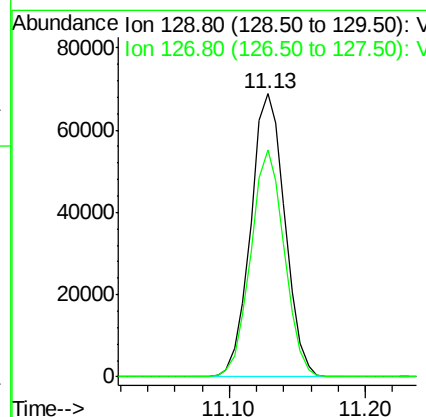
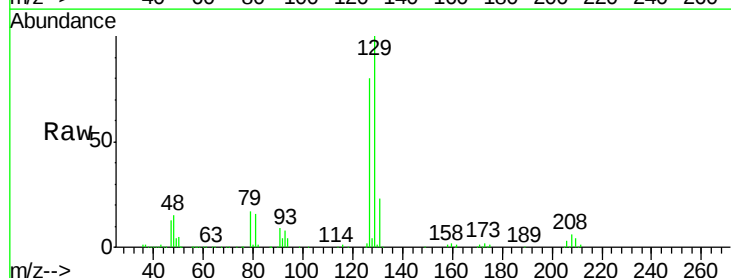
Manual Integrations
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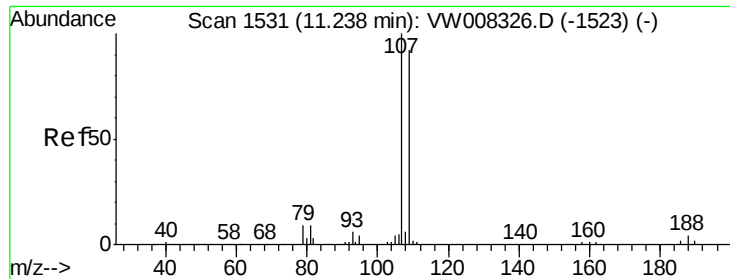
MMDadoda
1/18/2019 2:09:44 PM



#60
Dibromochloromethane
Concen: 106.299 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.1	117.2





#61

1,2-Dibromoethane

Concen: 103.421 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 95612

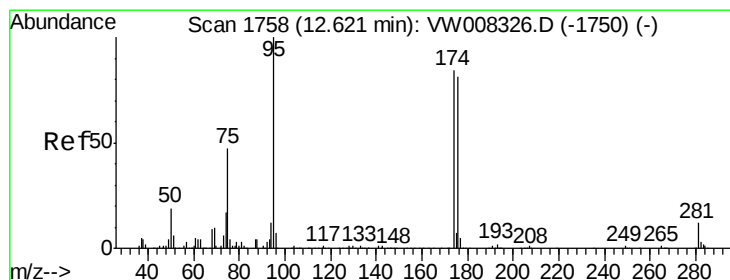
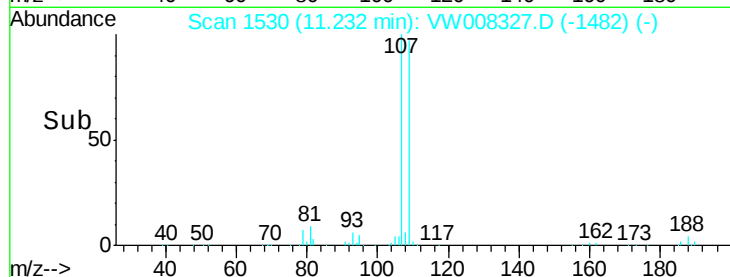
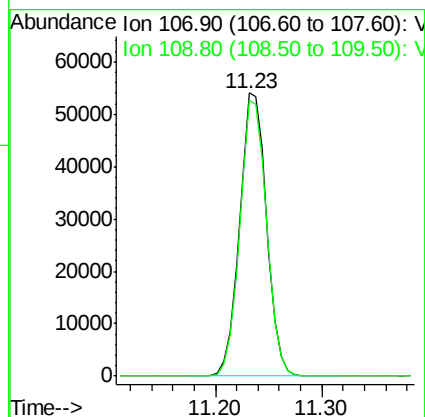
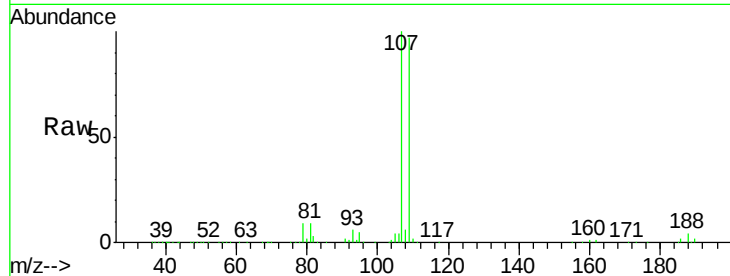
Ion Ratio Lower Upper

107 100

109 97.2 74.0 111.0

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 97.241 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

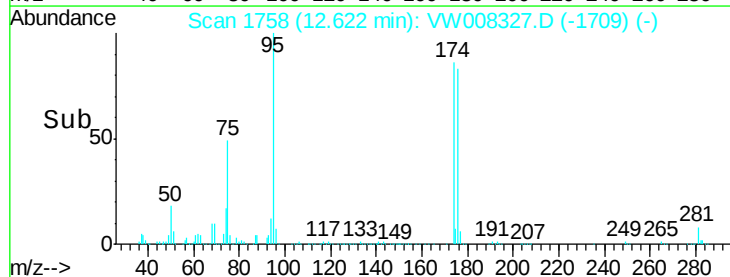
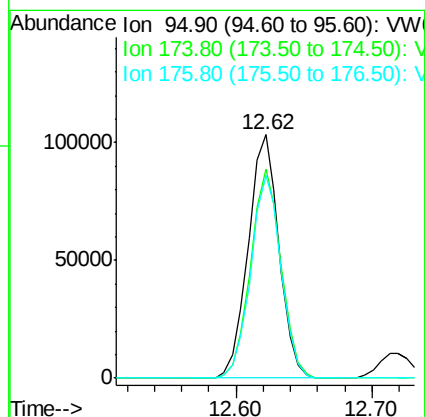
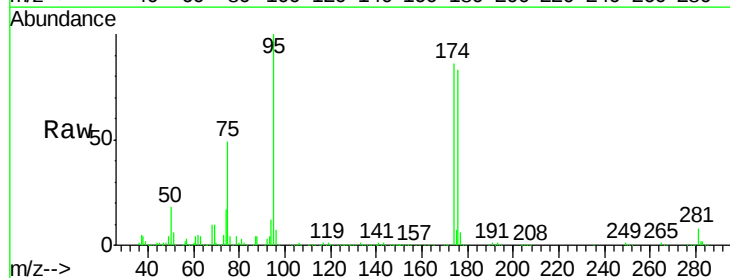
Tgt Ion: 95 Resp: 163162

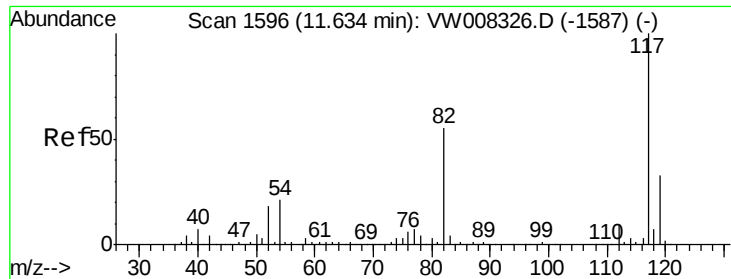
Ion Ratio Lower Upper

95 100

174 85.6 0.0 166.0

176 82.3 0.0 160.0





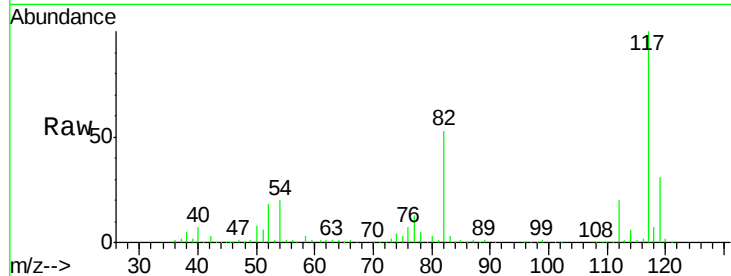
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	44.3	66.5
119	30.6	26.3	39.5

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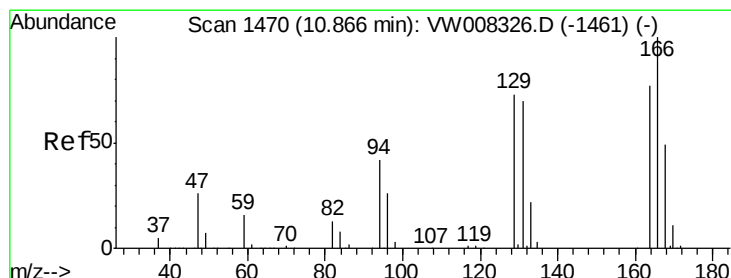
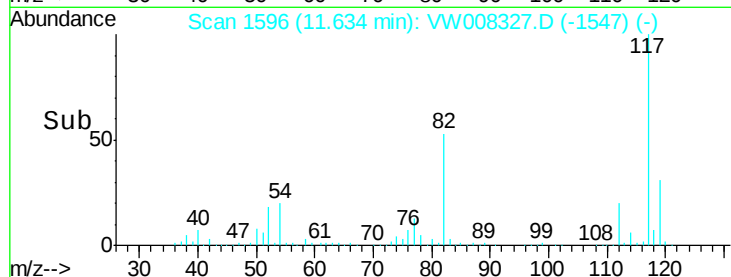
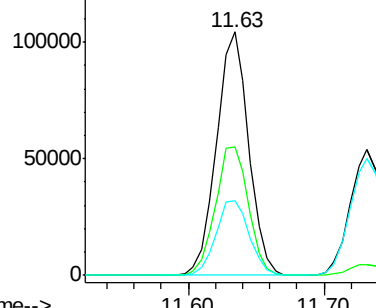


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 105.920 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	103.4	155.2
129	94.0	75.0	112.6
131	88.9	72.9	109.3

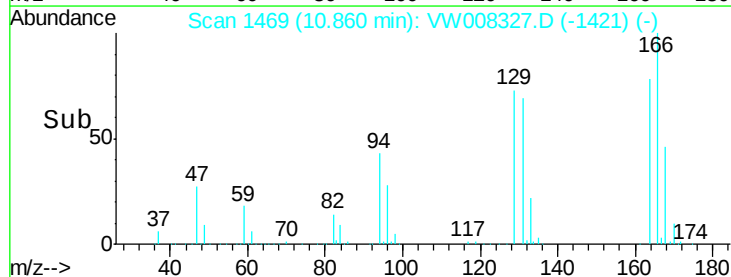
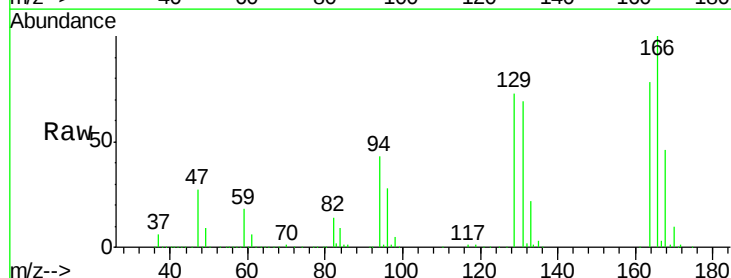
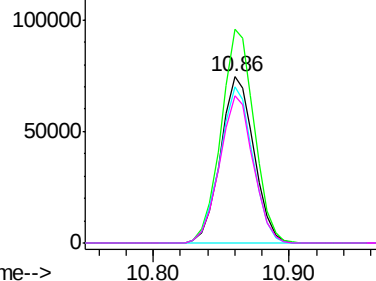
Abundance

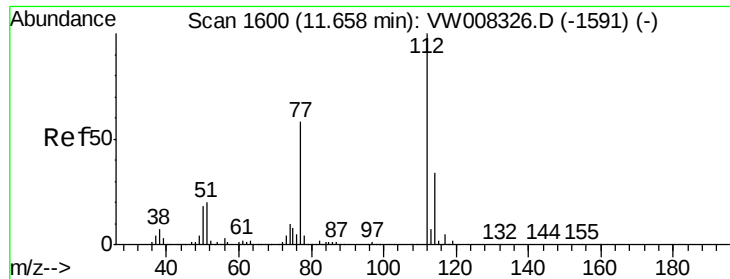
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





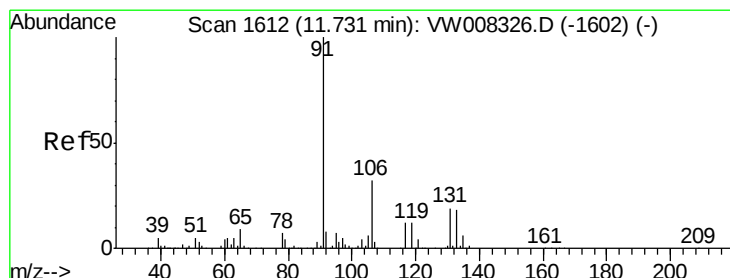
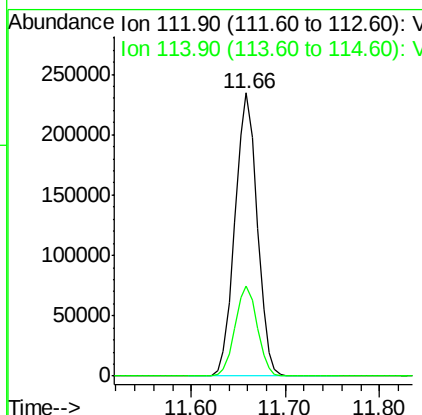
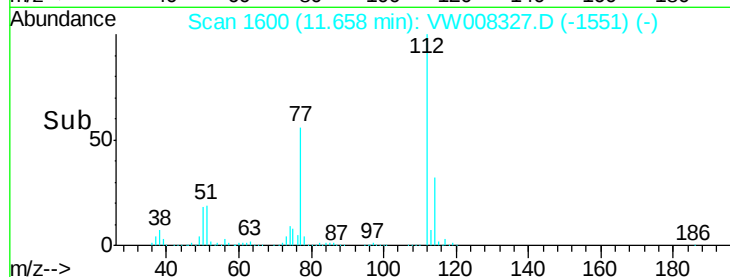
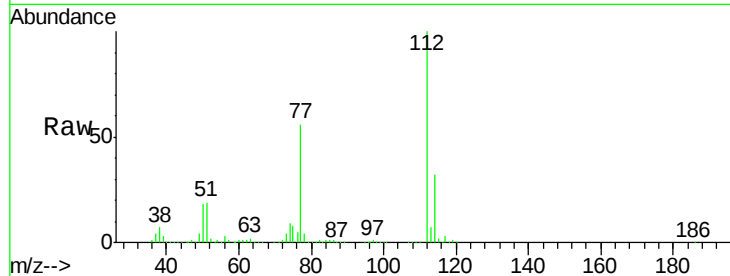
#65
Chlorobenzene
Concen: 102.338 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 384990
Ion Ratio Lower Upper
112 100
114 31.7 26.9 40.3

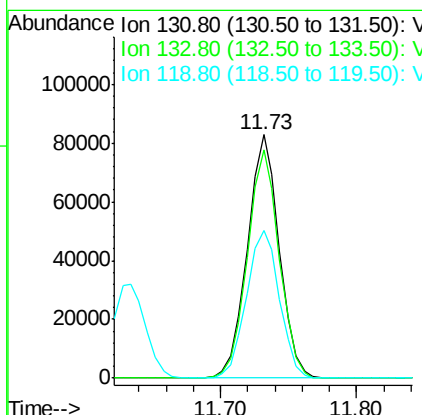
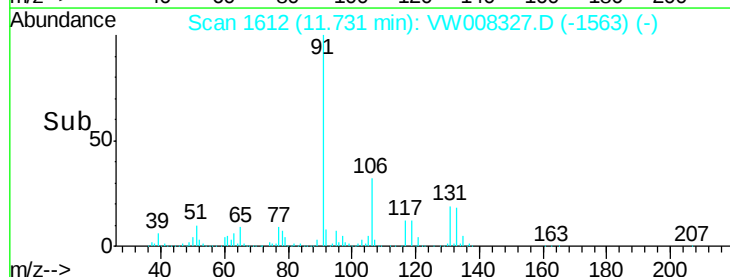
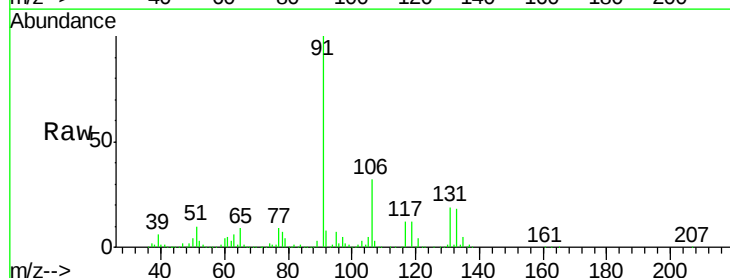
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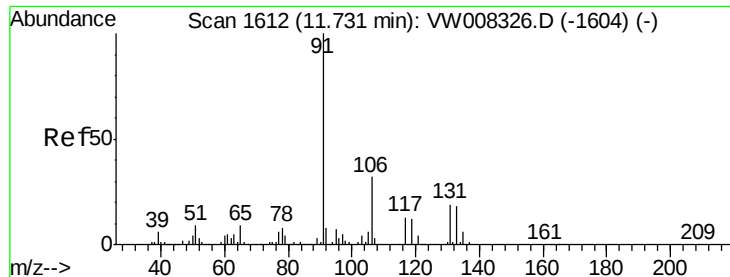
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 104.422 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion:131 Resp: 135202
Ion Ratio Lower Upper
131 100
133 94.0 48.2 144.6
119 63.3 31.6 94.7





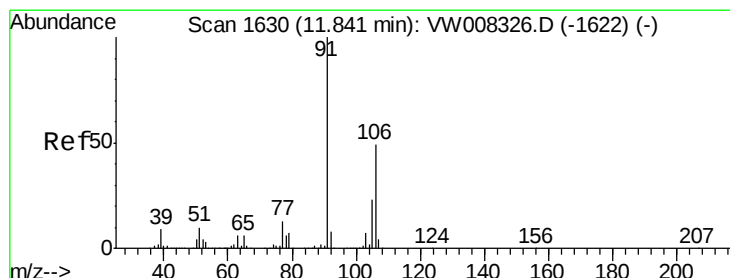
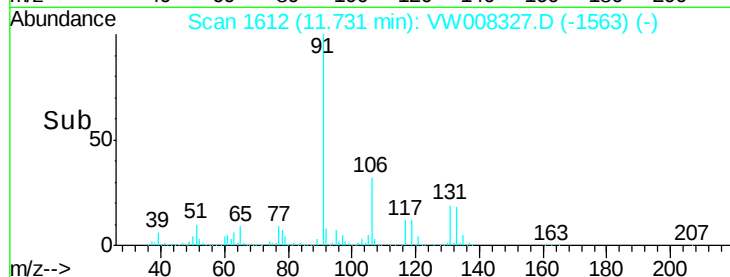
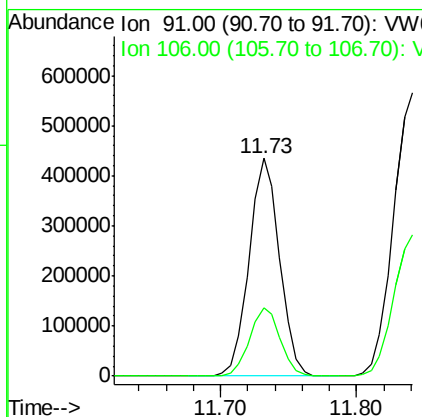
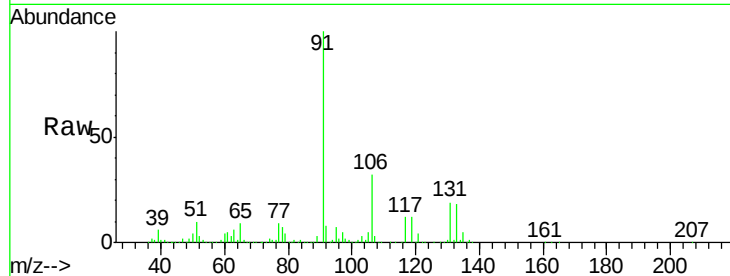
#67
Ethyl Benzene
Concen: 104.397 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.4	38.2

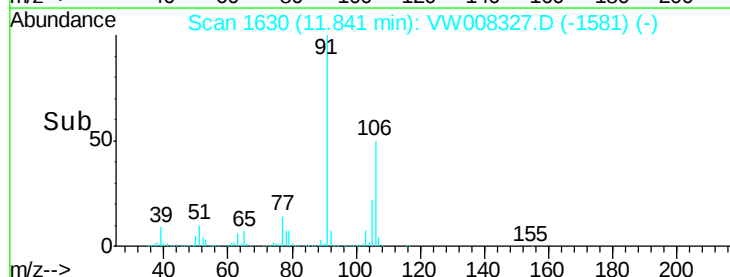
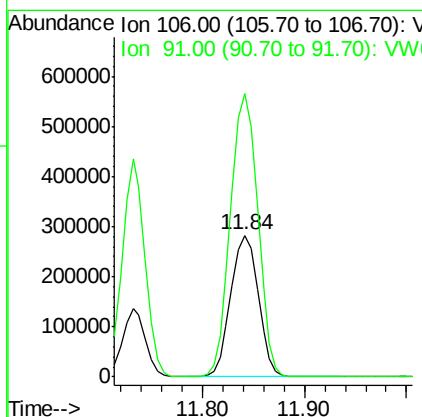
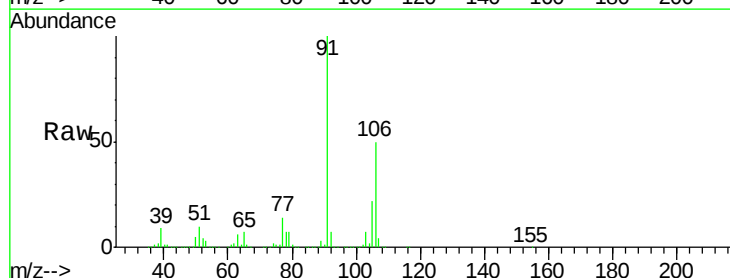
Manual Integrations
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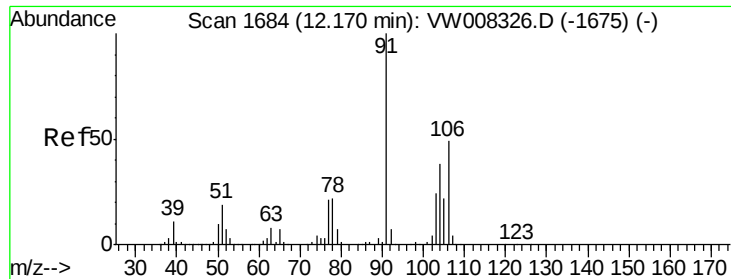
MMDadoda
1/18/2019 2:09:44 PM



#68
m/p-Xylenes
Concen: 208.727 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.6	158.4	237.6





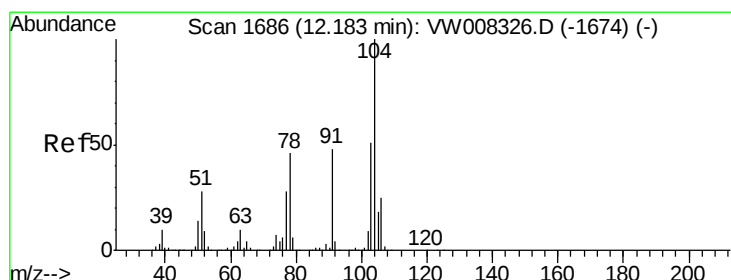
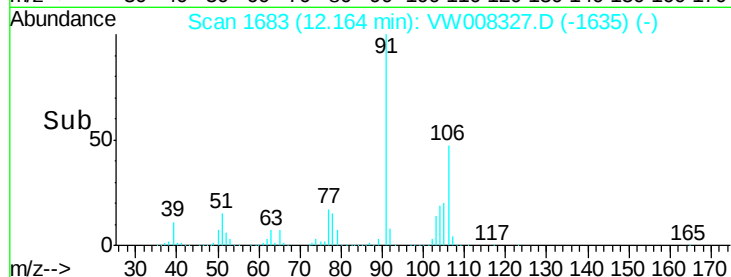
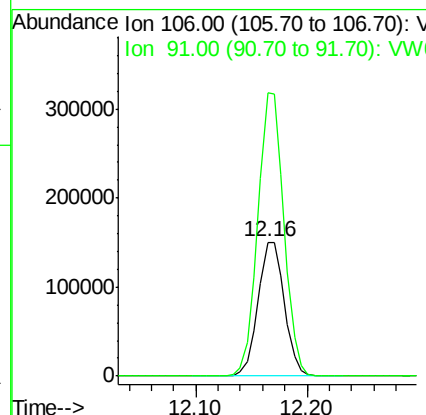
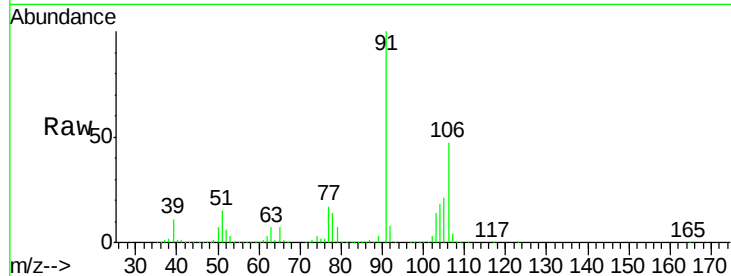
#69
o-Xylene
Concen: 104.854 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
106	100	248366		
91	209.3	104.1	312.3	

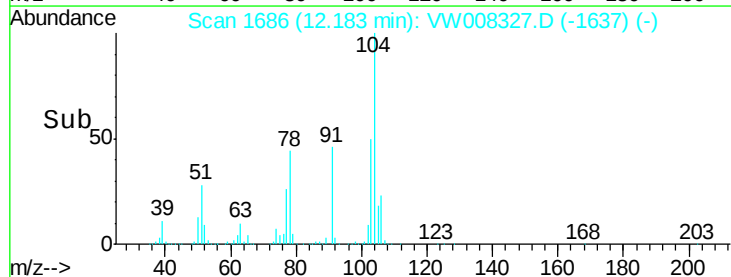
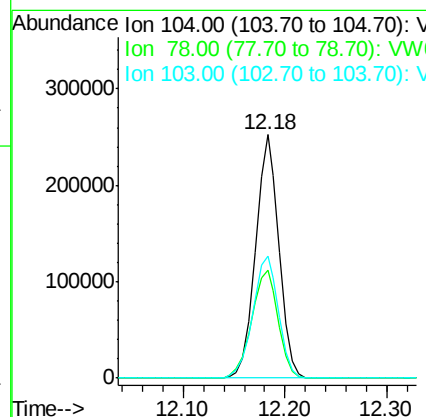
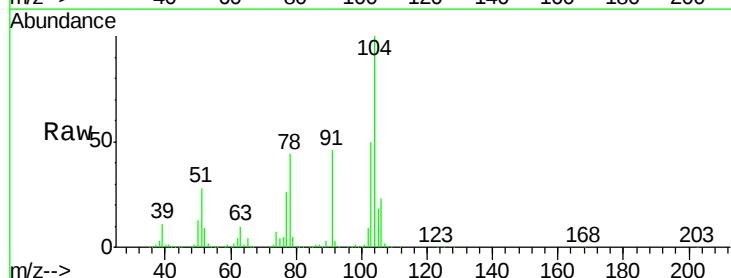
Manual Integrations
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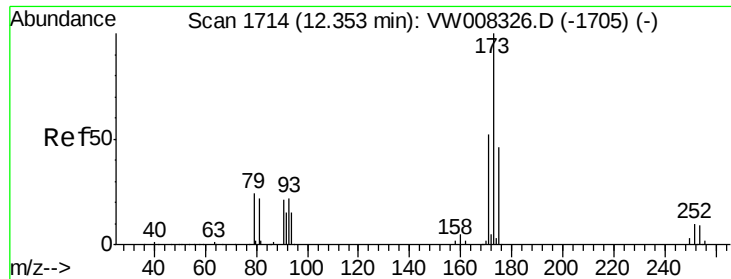
MMDadoda
1/18/2019 2:09:44 PM



#70
Styrene
Concen: 105.660 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	402007		
78	50.0	39.8	59.6	
103	55.5	44.0	66.0	





#71

Bromoform

Concen: 109.858 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

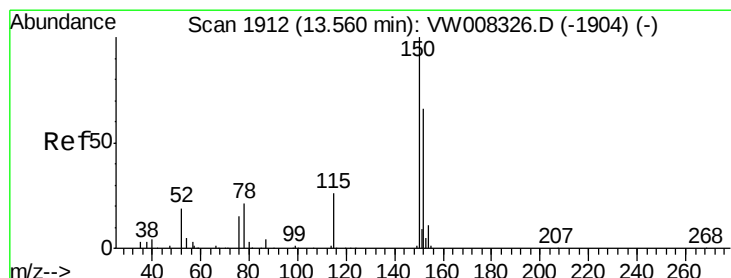
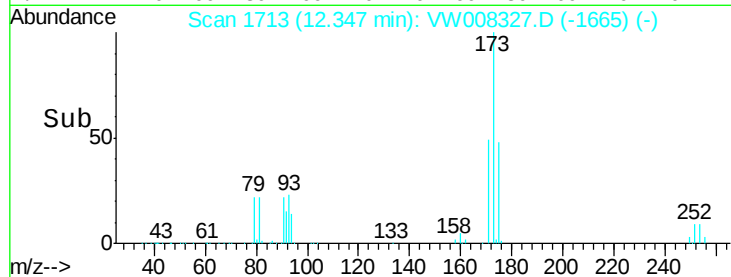
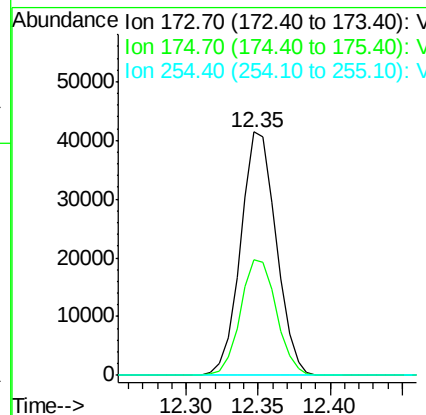
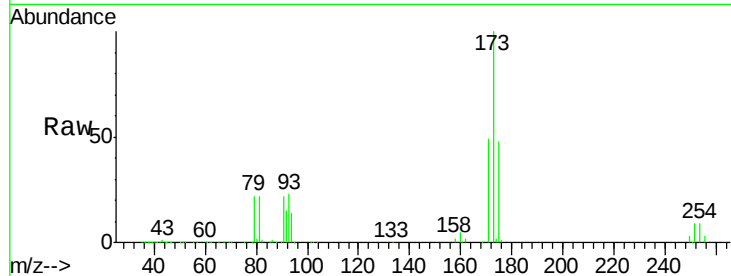
ClientSampleId :

VSTDIC100

Tot Ion:	173	Resp:	70858
Ion Ratio	Lower	Upper	
173	100		
175	48.2	23.6	70.8
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

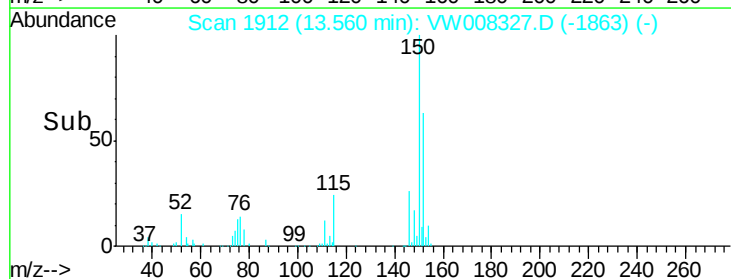
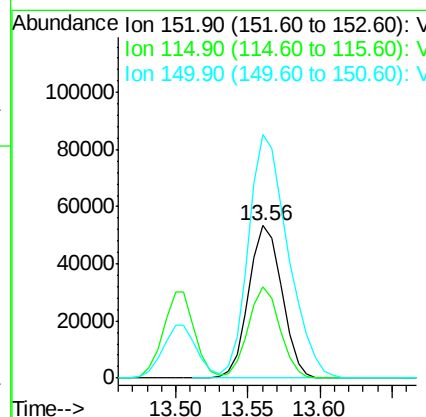
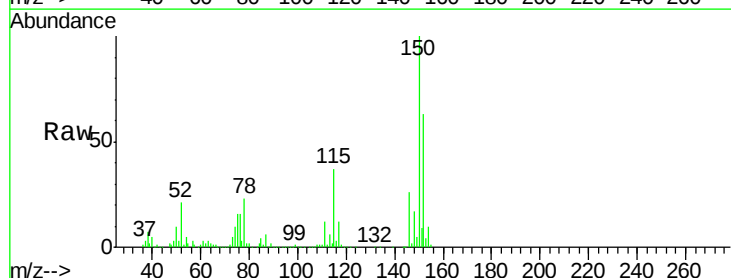
RT: 13.56 min Scan# 1912

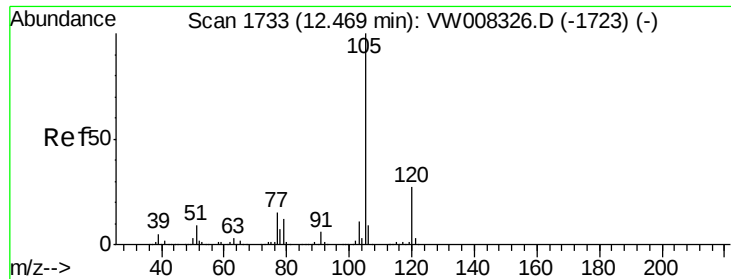
Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Tgt Ion:	152	Resp:	85408
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.8	86.4
150	189.3	0.0	351.4





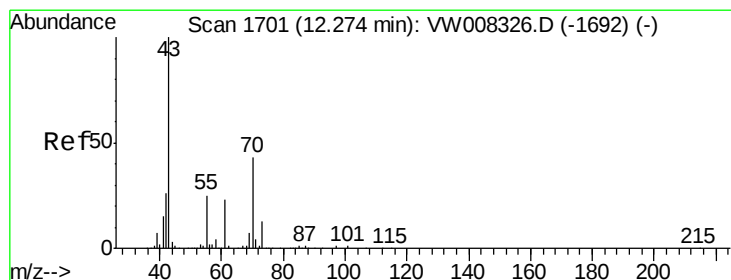
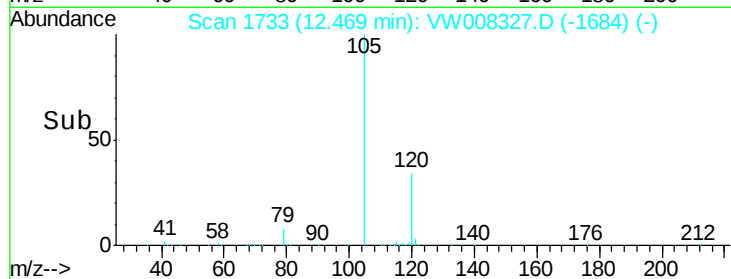
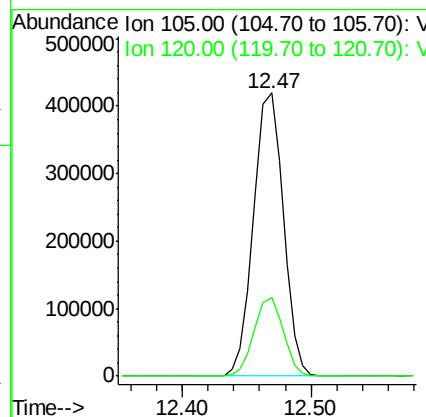
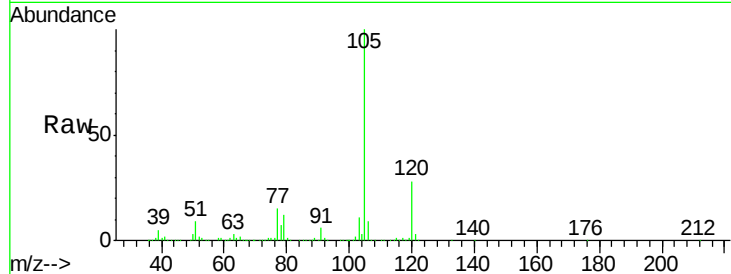
#73
Isopropylbenzene
Concen: 107.889 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.8

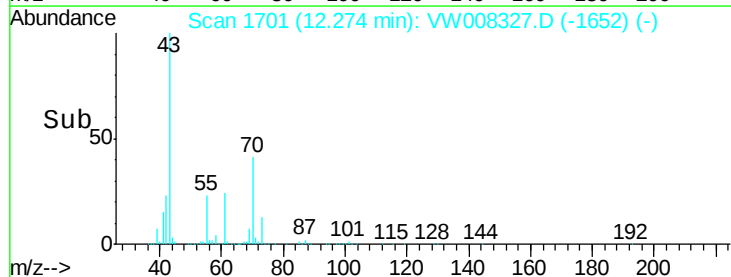
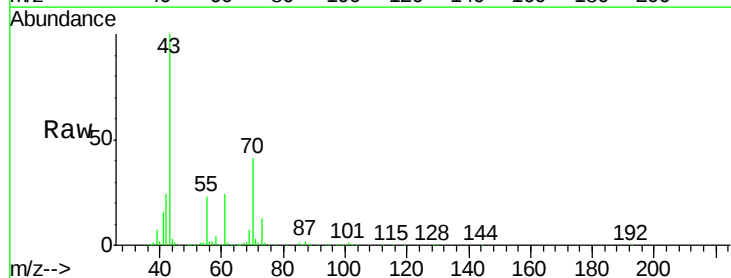
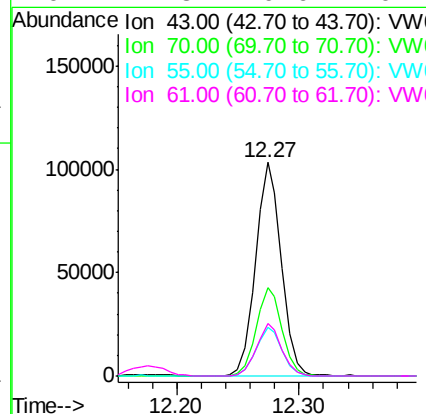
Manual Integrations
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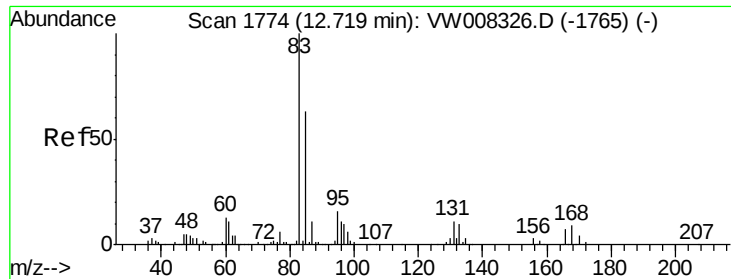
MMDadoda
1/18/2019 2:09:44 PM



#74
N-ethyl acetate
Concen: 112.868 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.9	34.6	52.0
55	23.5	20.0	30.0
61	24.3	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 104.280 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

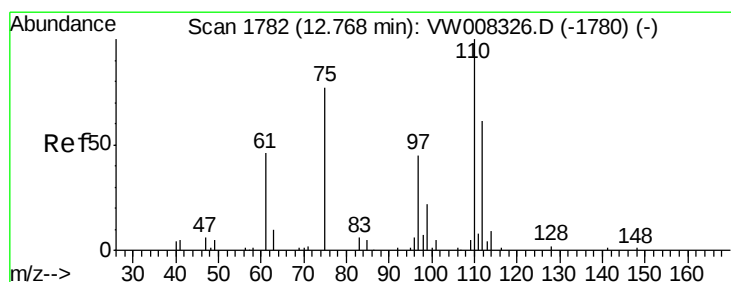
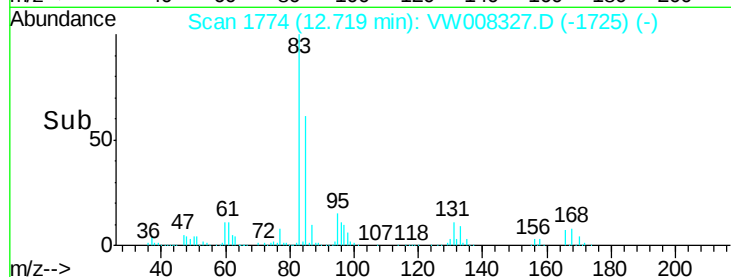
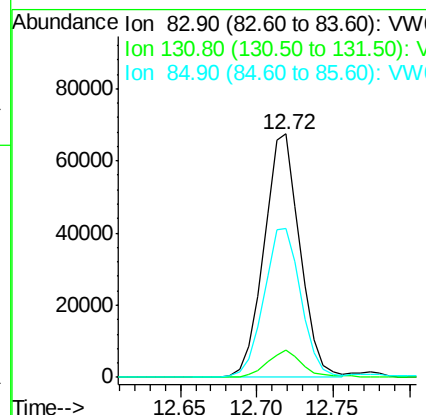
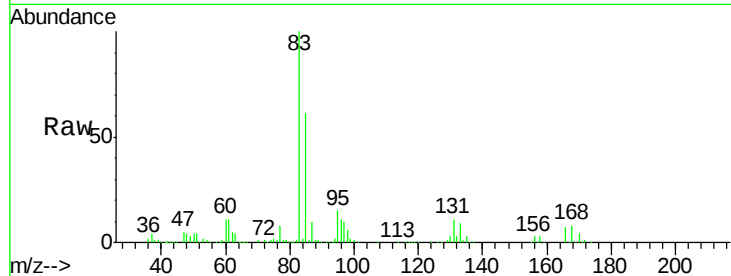
ClientSampled :

VSTDIC100

Tot Ion:	83	Resp:	110380
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.5
85	63.0	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 95.070 ug/l m

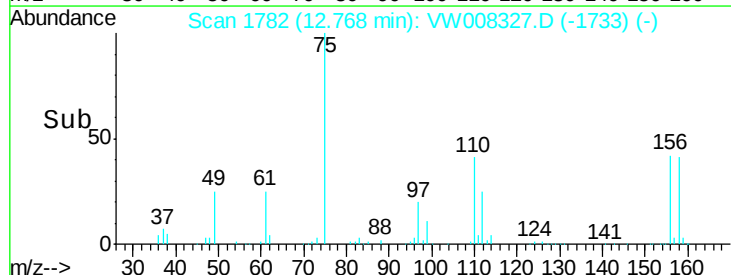
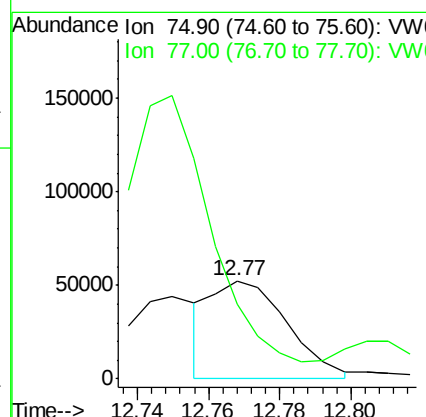
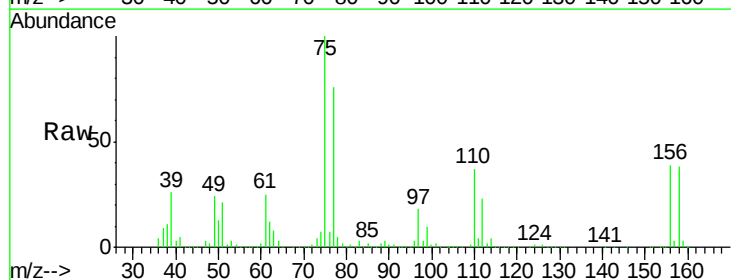
RT: 12.77 min Scan# 1782

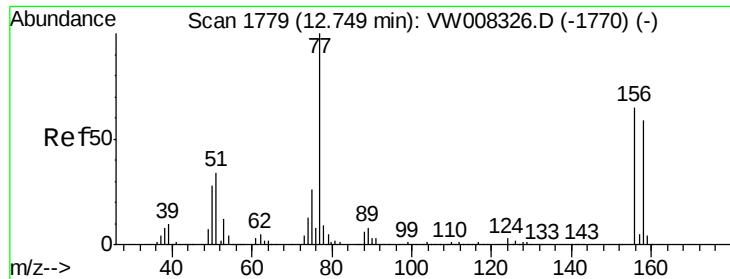
Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Tgt Ion:	75	Resp:	78932
Ion Ratio	Lower	Upper	
75	100		
77	348.2	175.3	526.1





#77

Bromobenzene

Concen: 102.703 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

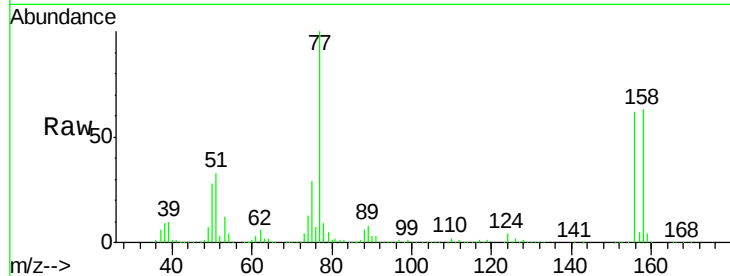
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	153517
Ion Ratio	Lower	Upper	
156	100		
77	179.1	88.3	264.9
158	98.6	47.6	142.8

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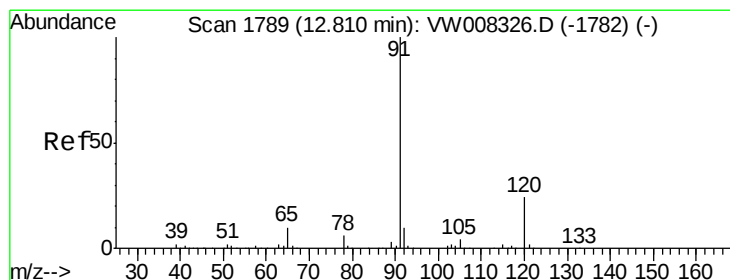
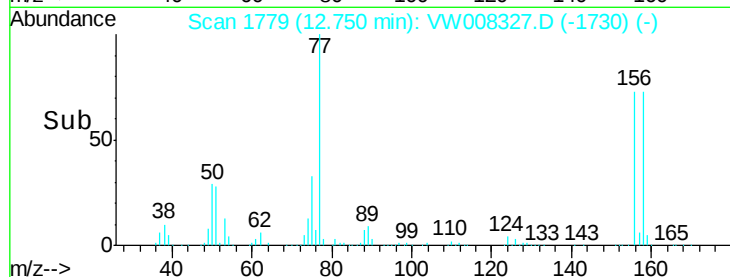
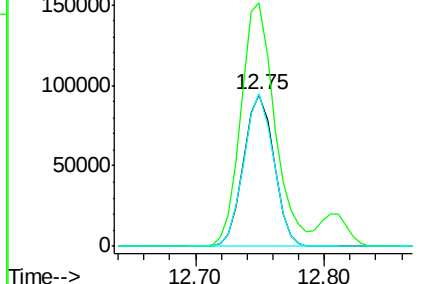
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 106.333 ug/l

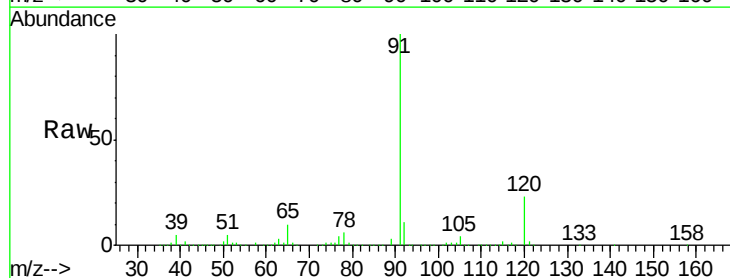
RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008327.D

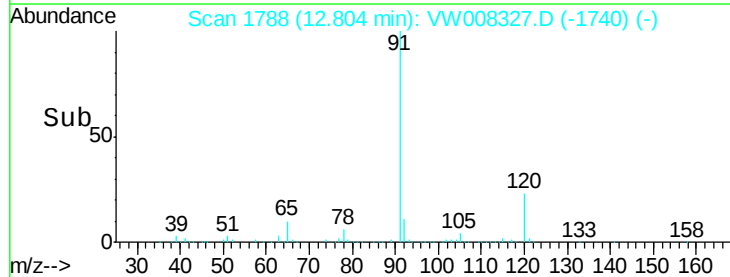
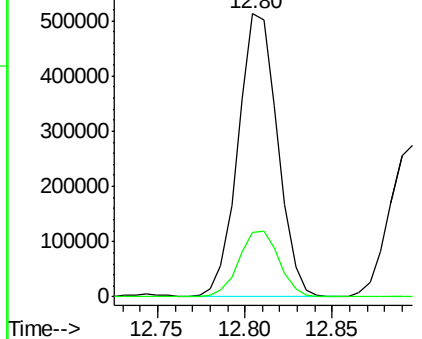
Acq: 17 Jan 2019 14:31

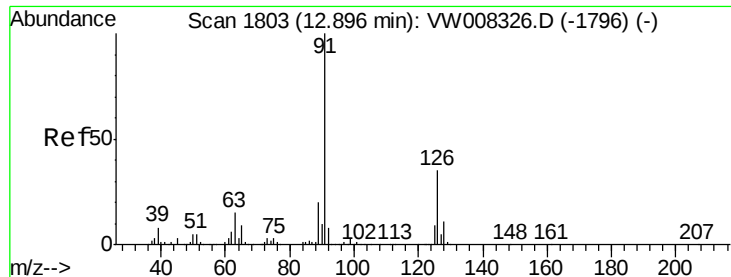
Tgt Ion:	91	Resp:	800931
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 103.559 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 445675

Ion Ratio Lower Upper

91 100

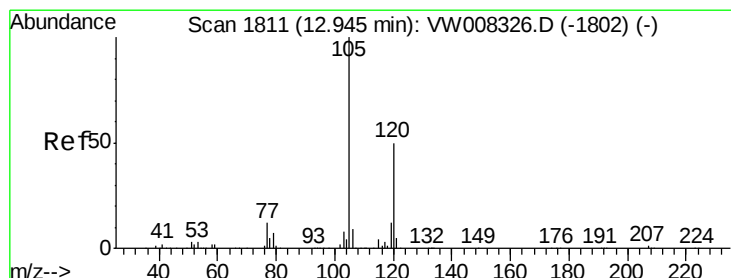
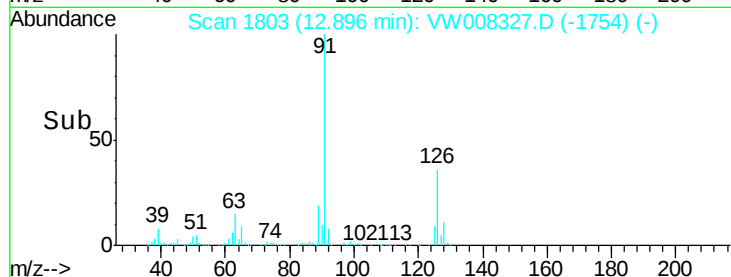
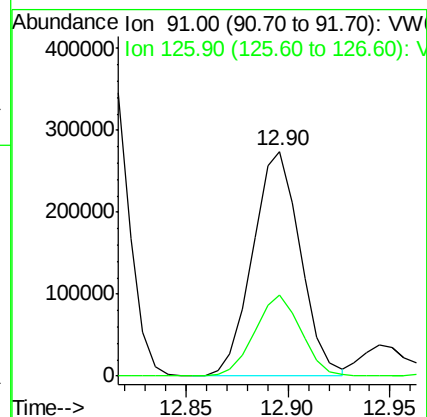
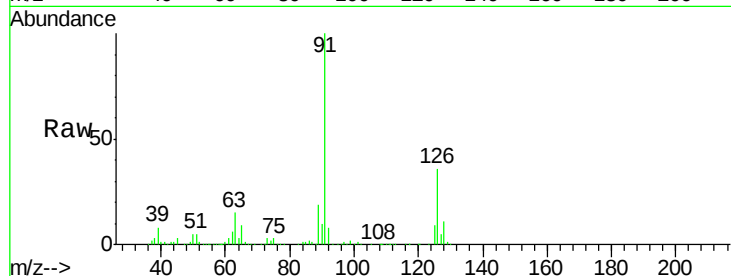
126 35.1 17.5 52.6

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#80

1,3,5-Trimethylbenzene

Concen: 105.881 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008327.D

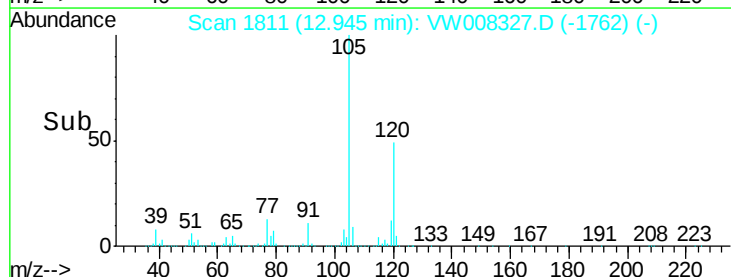
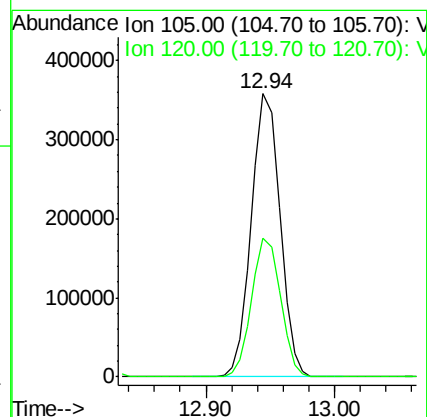
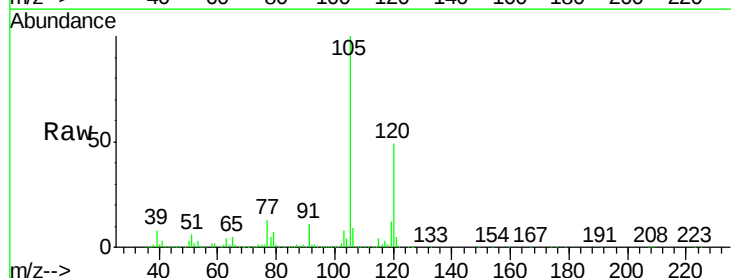
Acq: 17 Jan 2019 14:31

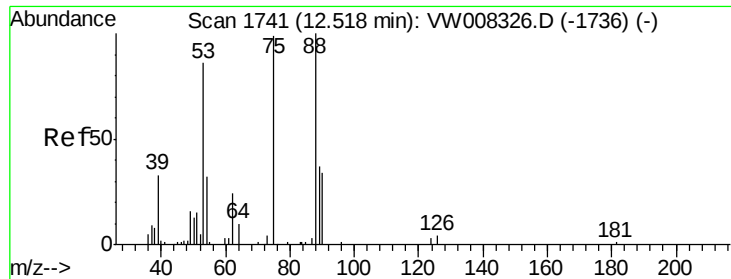
Tgt Ion:105 Resp: 549839

Ion Ratio Lower Upper

105 100

120 49.6 25.6 76.8





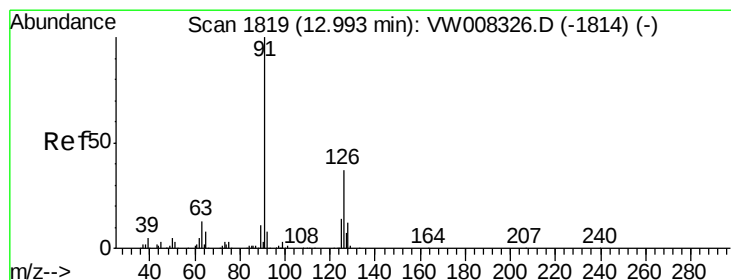
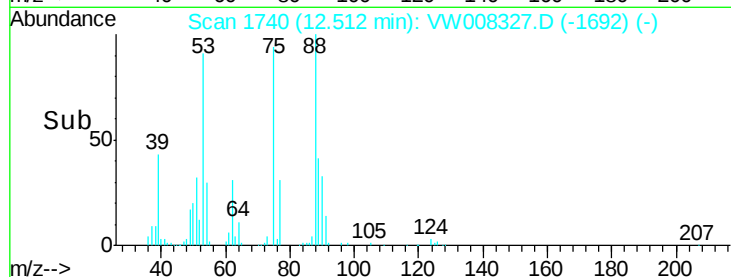
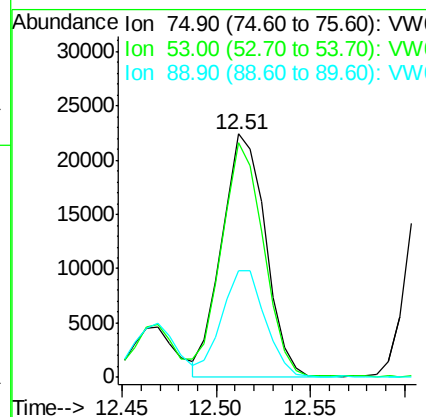
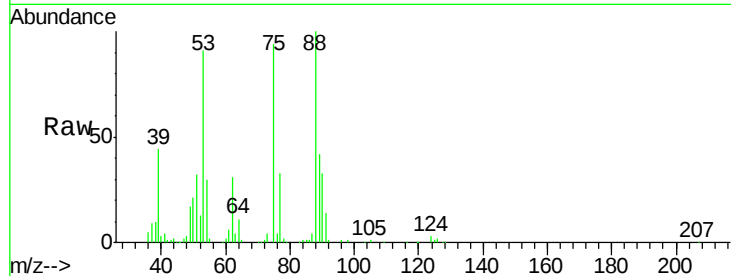
#81
trans-1,4-Dichloro-2-butene
Concen: 109.878 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.4	76.2	114.4
89	44.4	36.7	55.1

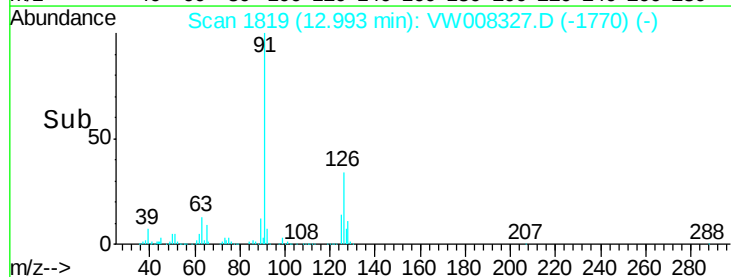
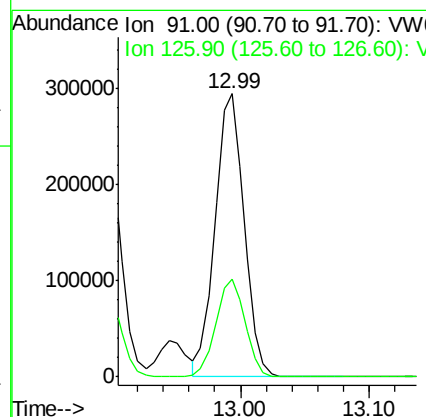
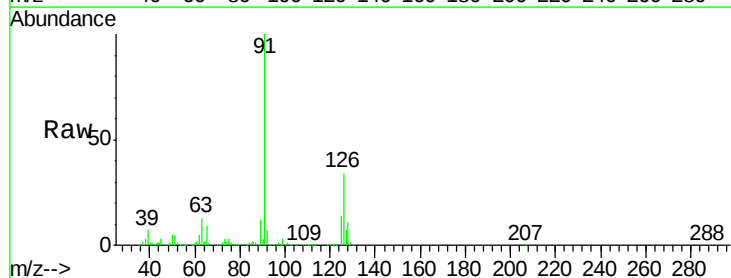
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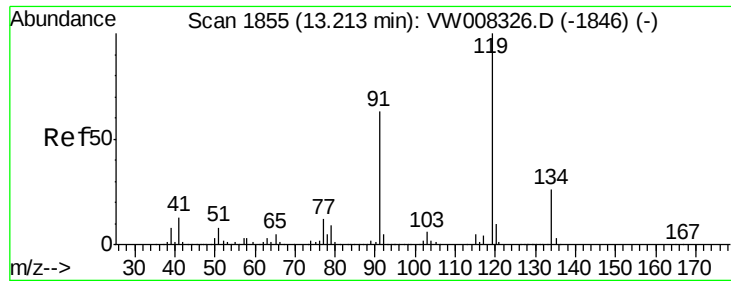
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#82
4-Chlorotoluene
Concen: 103.473 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.8	53.3





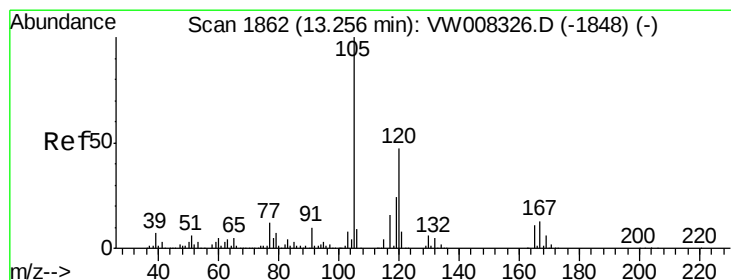
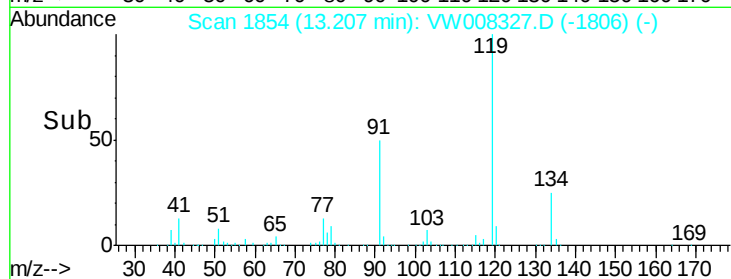
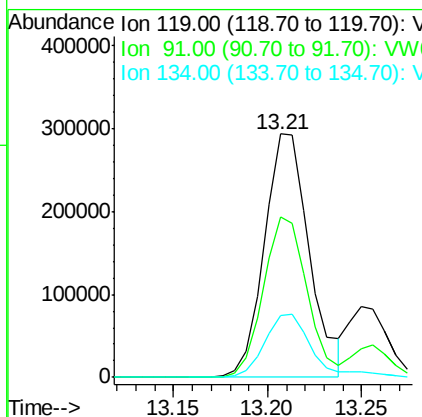
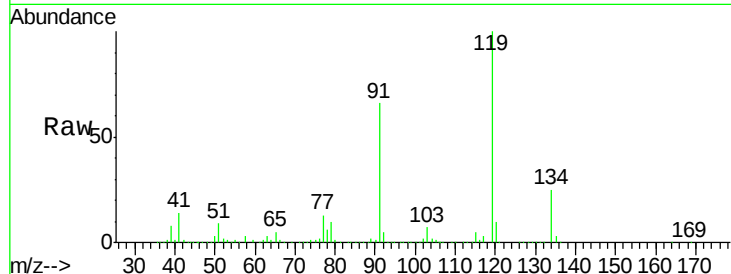
#83
tert-Butylbenzene
Concen: 106.634 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.4	97.0
134	27.5	13.9	41.7

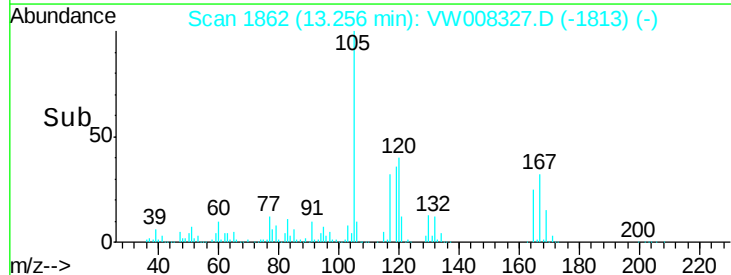
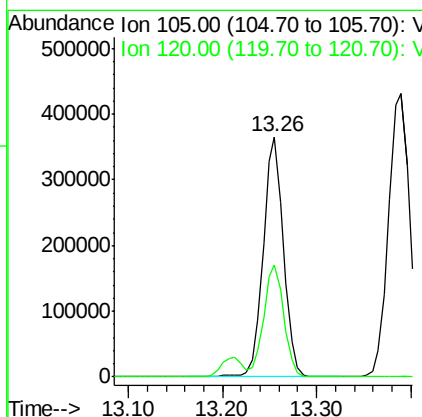
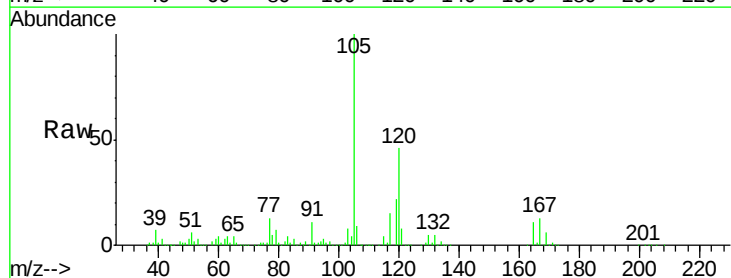
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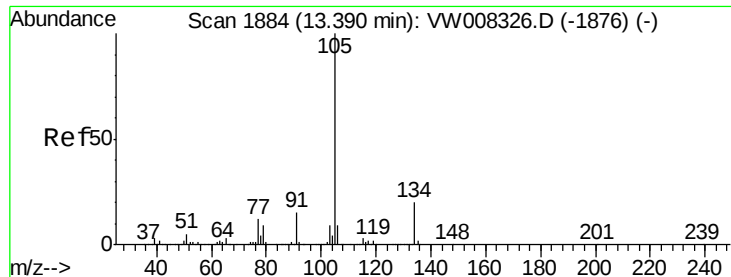
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#84
1,2,4-Trimethylbenzene
Concen: 104.102 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.5	70.6





#85

sec-Butylbenzene

Concen: 103.215 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 677337

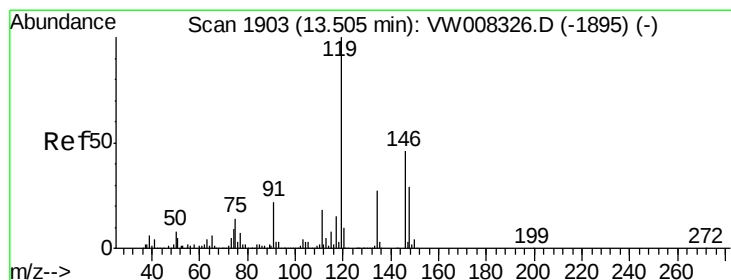
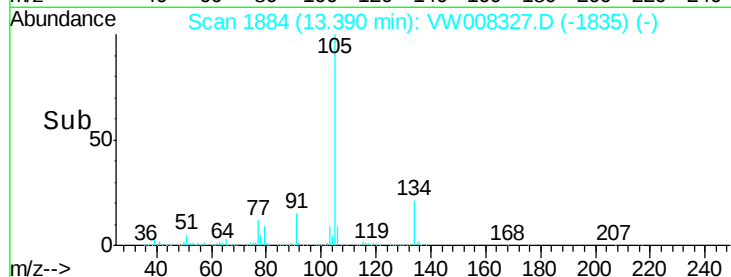
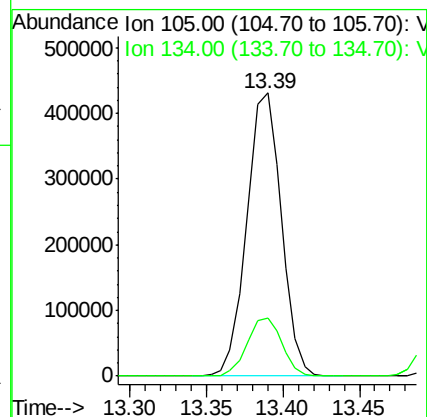
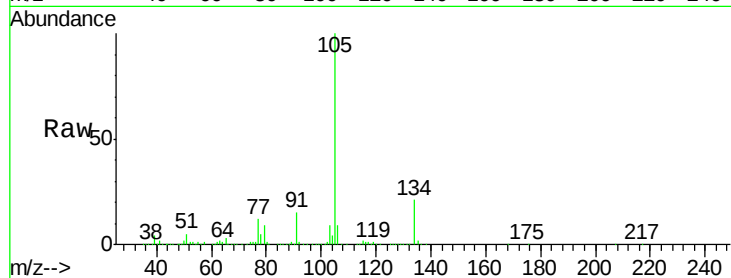
Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 104.025 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

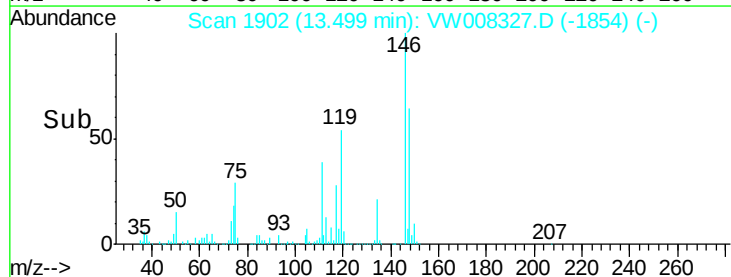
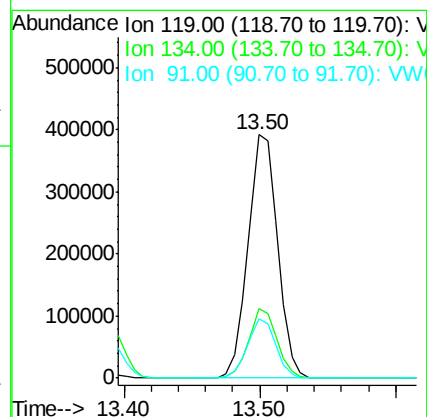
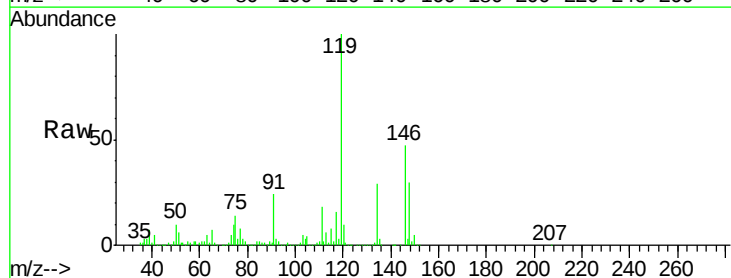
Tgt Ion:119 Resp: 596230

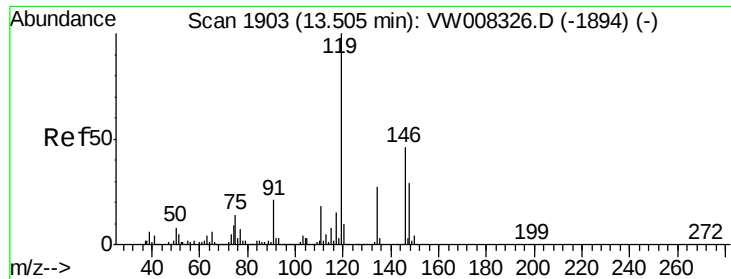
Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.0

91 23.5 11.4 34.2





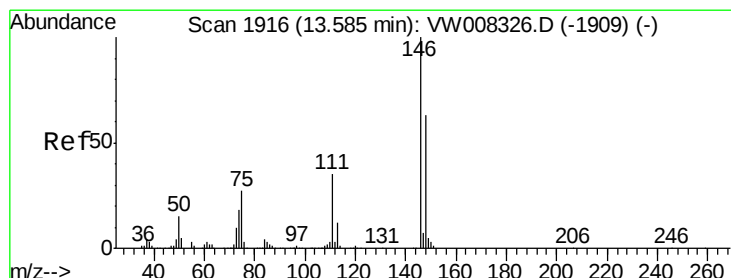
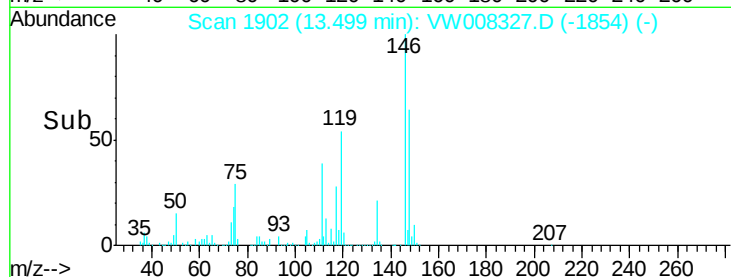
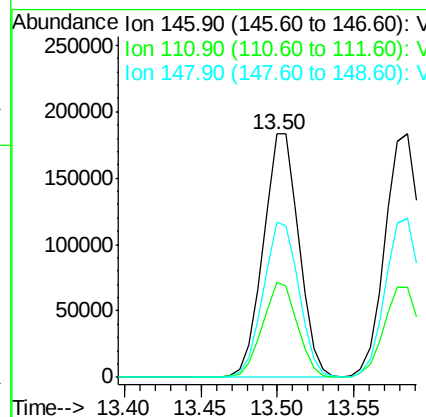
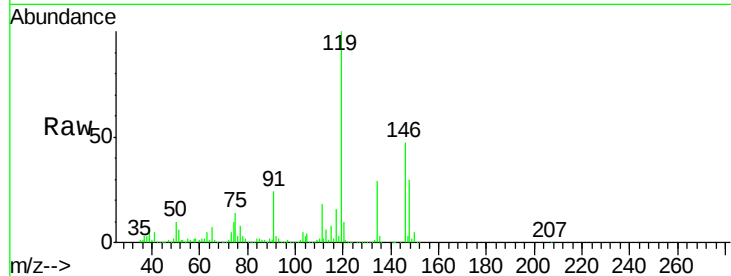
#87
 1,3-Dichlorobenzene
 Concen: 100.626 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	298855		
111	38.3	19.9	59.7	
148	63.6	31.4	94.3	

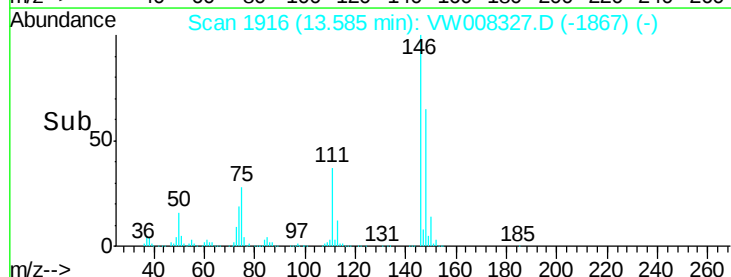
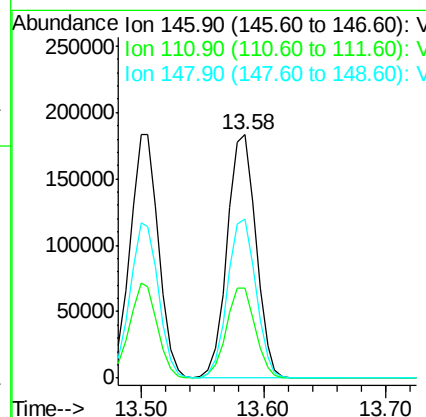
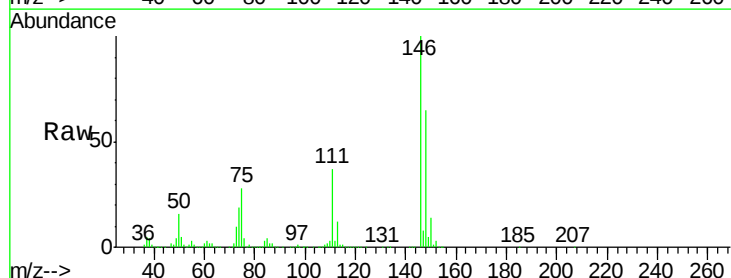
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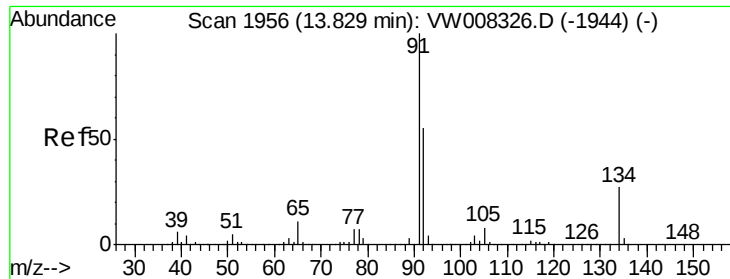
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#88
 1,4-Dichlorobenzene
 Concen: 100.398 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	298729		
111	37.3	18.9	56.5	
148	64.6	31.6	94.8	





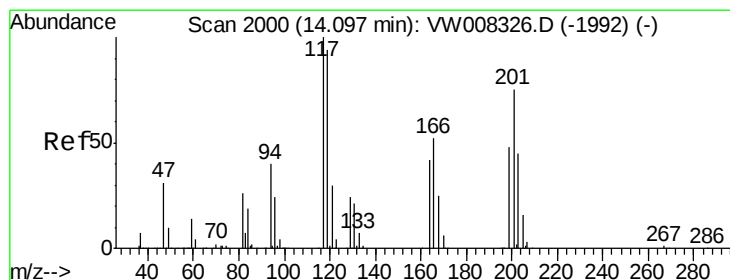
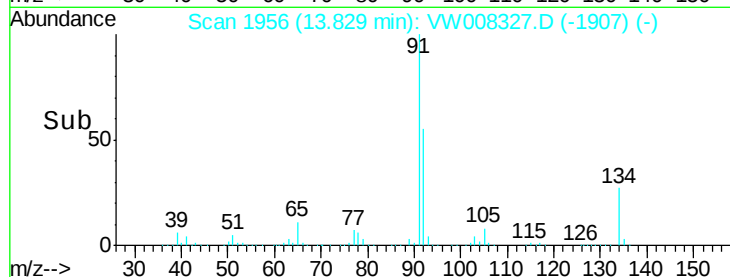
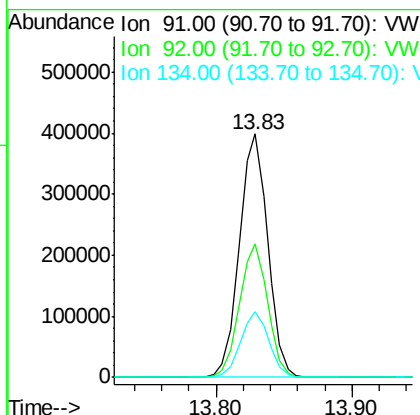
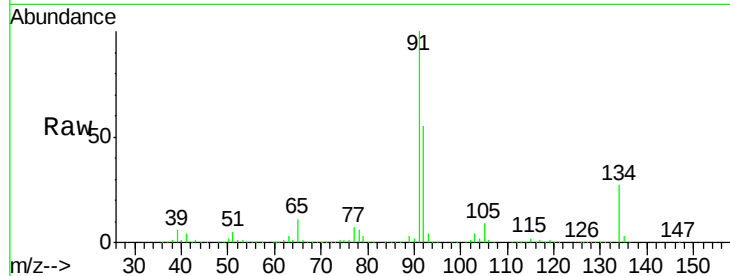
#89
n-Butylbenzene
Concen: 105.062 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	26.9	13.4	40.1

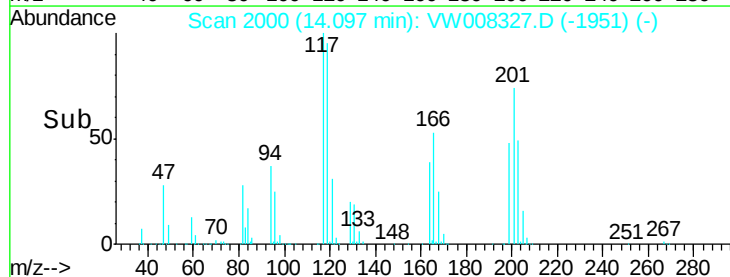
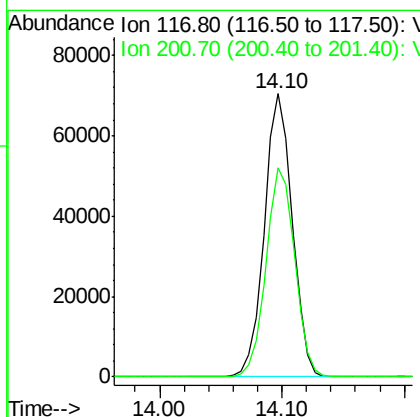
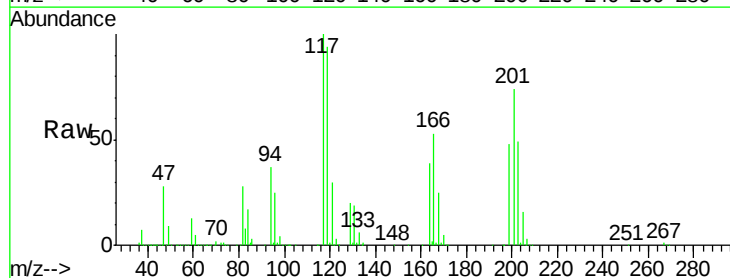
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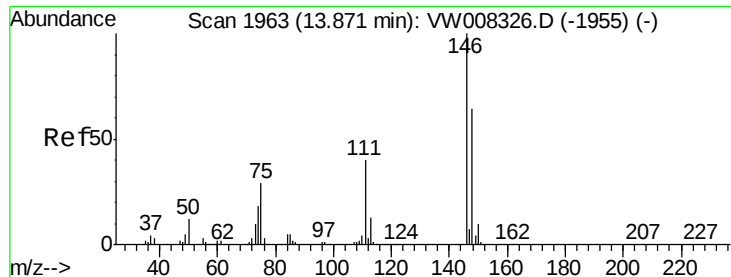
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#90
Hexachloroethane
Concen: 105.618 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.0	39.3	117.9





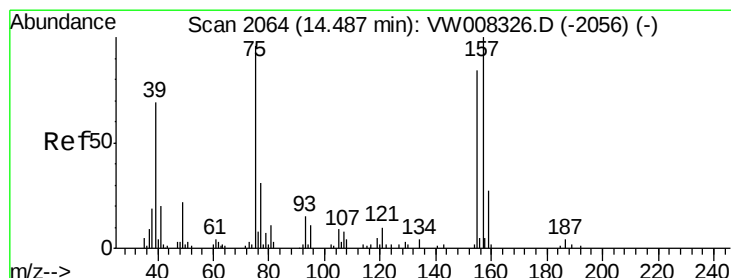
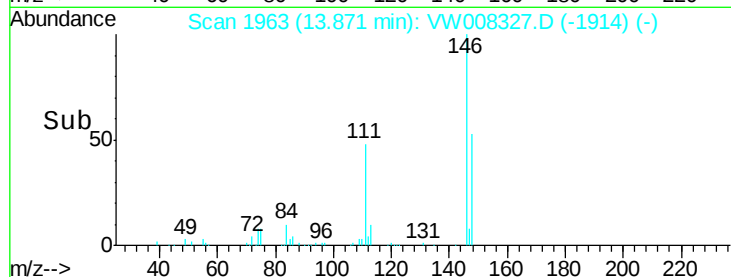
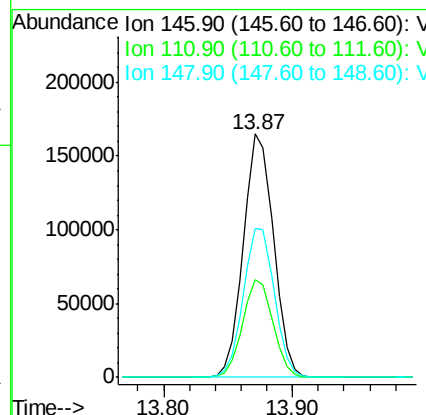
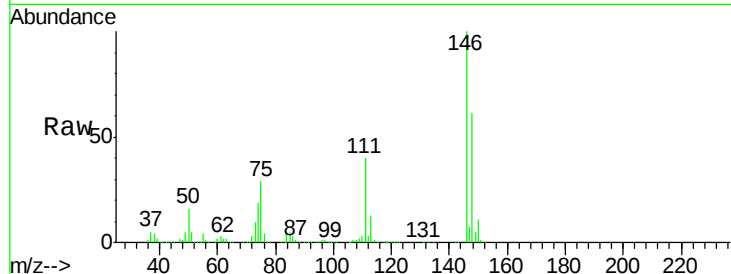
#91
 1,2-Dichlorobenzene
 Concen: 101.907 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.8
148	62.9	31.7	95.1

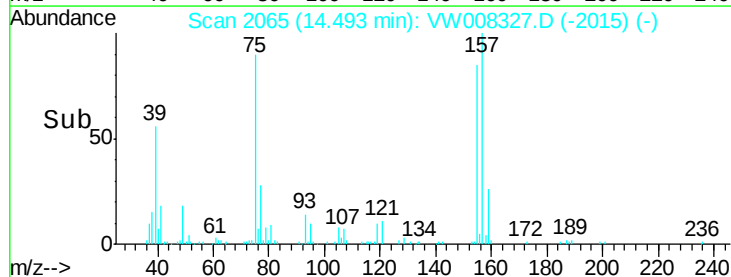
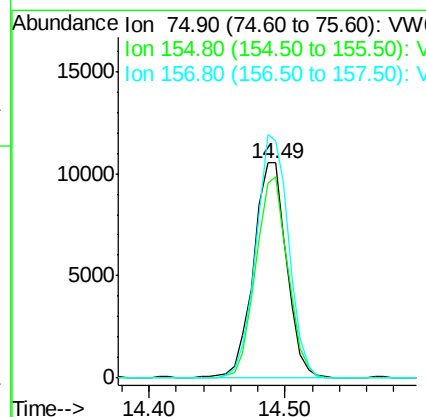
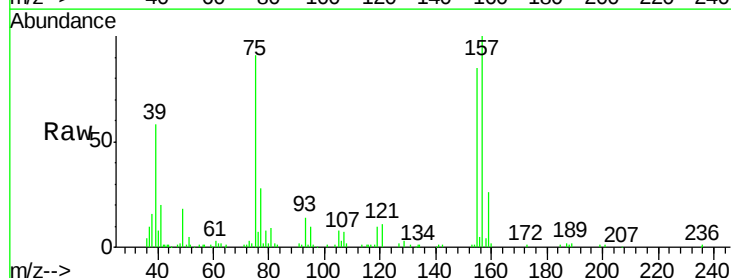
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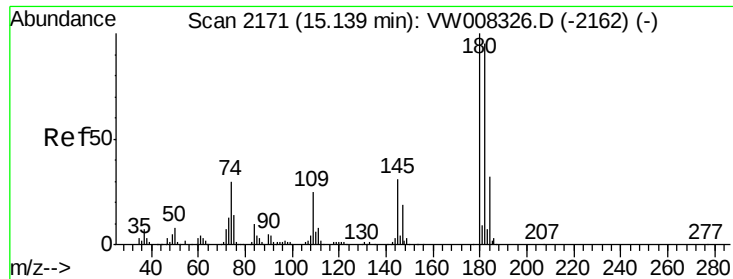
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 104.142 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	44.7	134.1
157	111.5	53.9	161.8





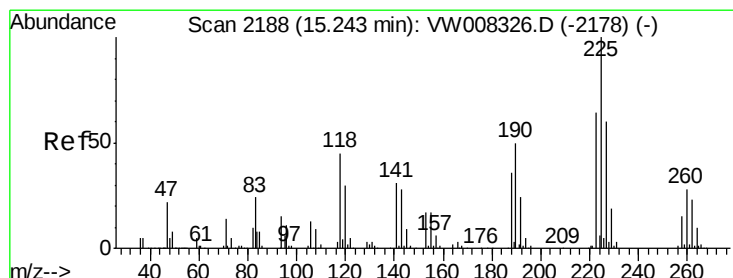
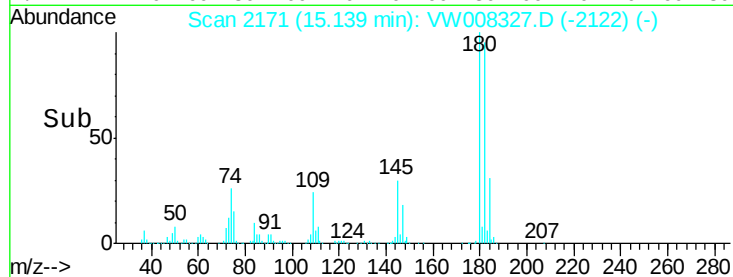
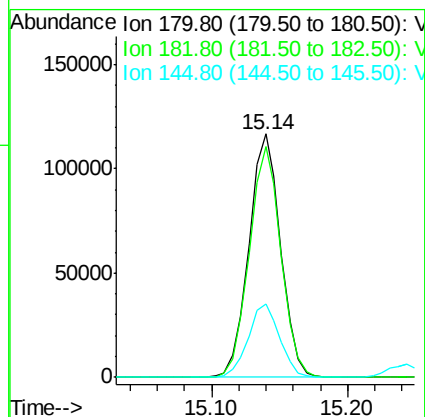
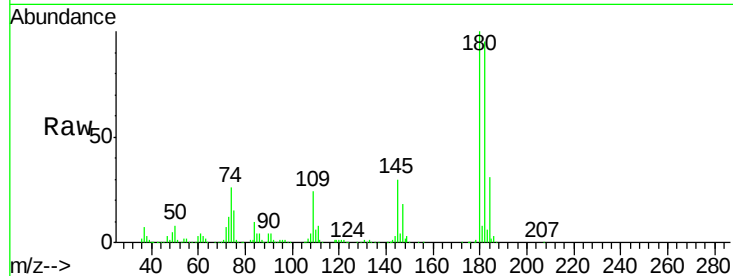
#93
 1,2,4-Trichlorobenzene
 Concen: 106.974 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	189884		
182	94.9	47.6	142.8	
145	30.1	14.8	44.4	

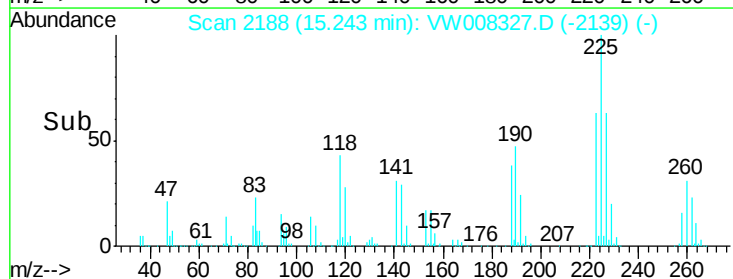
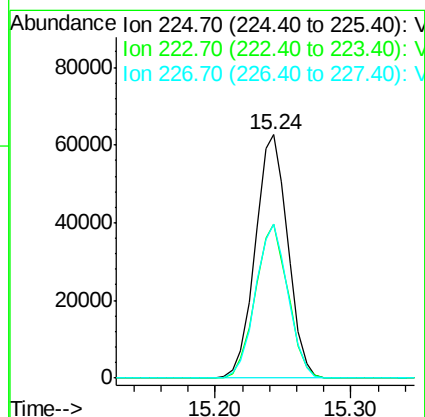
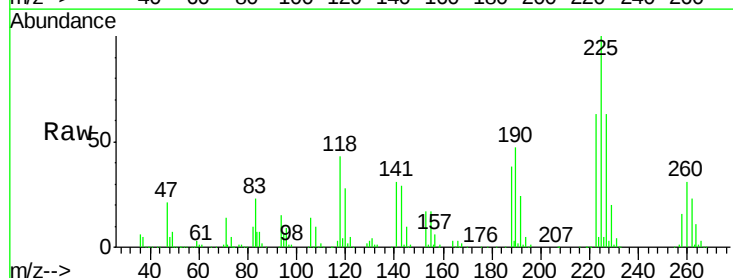
Manual Integrations
 APPROVED

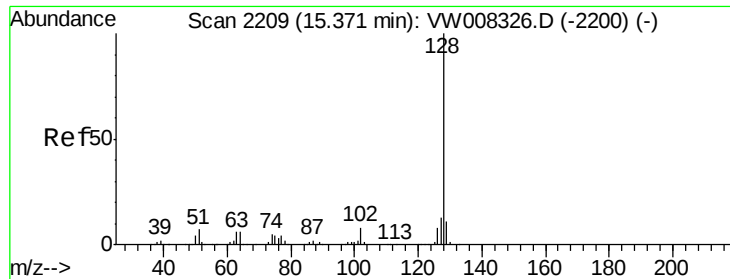
MMDadoda
 1/18/2019 2:09:44 PM



#94
 Hexachlorobutadiene
 Concen: 104.849 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104890		
223	63.3	31.1	93.3	
227	63.0	30.3	90.8	





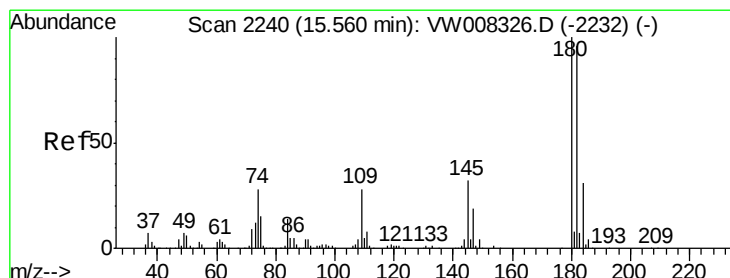
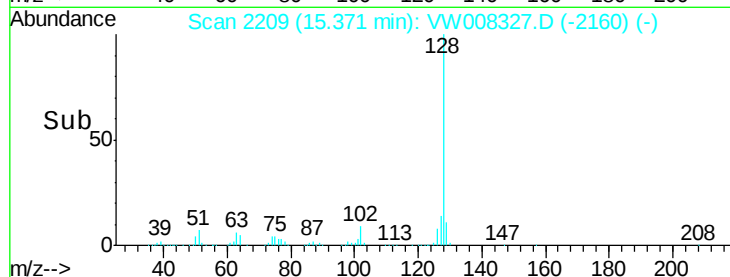
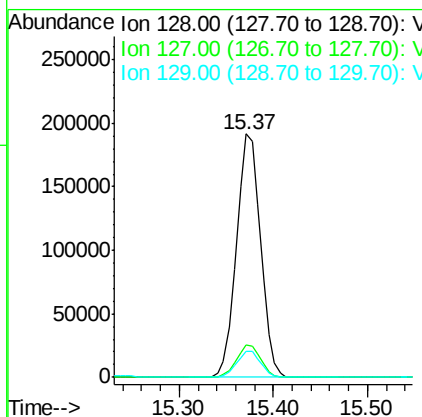
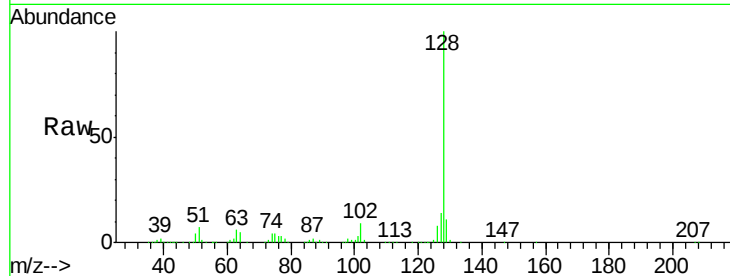
#95
Naphthalene
Concen: 114.877 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
128	100	340739		
127	13.4	10.5	15.7	
129	10.6	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
1/18/2019 2:09:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 106.080 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	164011		
182	94.2	47.3	141.9	
145	31.4	16.2	48.6	

