

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008641.D
 Acq On : 13 Feb 2019 15:37
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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 2/14/2019 2:08:59 PM

Quant Time: Feb 14 03:59:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:43:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	415086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	633246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	571992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	302339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	247528	57.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.72%	
35) Dibromofluoromethane	7.88	113	220420	56.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.12%	
50) Toluene-d8	10.32	98	862296	56.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.78%	
62) 4-Bromofluorobenzene	12.62	95	326191	57.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	133251	50.121	ug/l	100
3) Chloromethane	2.21	50	191084	49.858	ug/l	100
4) Vinyl Chloride	2.36	62	252087	50.073	ug/l	100
5) Bromomethane	2.78	94	201794	50.656	ug/l	100
6) Chloroethane	2.92	64	190440	50.838	ug/l	100
7) Trichlorofluoromethane	3.25	101	207715	52.974	ug/l	100
8) Diethyl Ether	3.67	74	119721	51.166	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	213996	51.644	ug/l	100
10) Methyl Iodide	4.26	142	340600	52.664	ug/l	100
11) Tert butyl alcohol	5.18	59	89100	263.024	ug/l	100
12) 1,1-Dichloroethene	4.03	96	208654	51.490	ug/l	100
13) Acrolein	3.89	56	86292	242.577	ug/l	100
14) Allyl chloride	4.66	41	360339	53.521	ug/l	100
15) Acrylonitrile	5.36	53	264094	268.150	ug/l	100
16) Acetone	4.12	43	261563	267.280	ug/l	100
17) Carbon Disulfide	4.37	76	639158	52.265	ug/l	100
18) Methyl Acetate	4.67	43	116413	51.879	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	379483	53.345	ug/l	100
20) Methylene Chloride	4.90	84	219649	39.087	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	232339	52.354	ug/l	100
22) Diisopropyl ether	6.31	45	712767	52.600	ug/l	100
23) Vinyl Acetate	6.25	43	2373155	269.842	ug/l	100
24) 1,1-Dichloroethane	6.21	63	411398	52.613	ug/l	100
25) 2-Butanone	7.17	43	374332	269.959	ug/l	100
26) 2,2-Dichloropropane	7.16	77	252652	51.722	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	251571	52.424	ug/l	100
28) Bromochloromethane	7.51	49	162558	49.247	ug/l	100
29) Tetrahydrofuran	7.52	42	243617	266.555	ug/l	100
30) Chloroform	7.67	83	412134	52.602	ug/l	100
31) Cyclohexane	7.95	56	390573	49.488	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	347598	52.531	ug/l	100
36) 1,1-Dichloropropene	8.08	75	335868	52.792	ug/l	100
37) Ethyl Acetate	7.24	43	168213	54.811	ug/l	100
38) Carbon Tetrachloride	8.06	117	336186	53.141	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	420827	52.296	ug/l	100
40) Benzene	8.32	78	905679	52.124	ug/l	100
41) Methacrylonitrile	7.48	41	101127	58.566	ug/l	100
42) 1,2-Dichloroethane	8.40	62	286009	53.067	ug/l	100
43) Isopropyl Acetate	8.42	43	335439	54.814	ug/l	100
44) Trichloroethene	9.09	130	252773	52.468	ug/l	100
45) 1,2-Dichloropropane	9.37	63	226256	52.616	ug/l	100
46) Dibromomethane	9.46	93	127018	53.622	ug/l	100
47) Bromodichloromethane	9.64	83	307006	53.928	ug/l	100
48) Methyl methacrylate	9.43	41	157776	55.633	ug/l	100
49) 1,4-Dioxane	9.45	88	40261	1064.792	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	850158	270.446	ug/l	100
52) Toluene	10.38	92	589263	52.569	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	323624	54.113	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	368592	54.368	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	174141	53.578	ug/l	100
56) Ethyl methacrylate	10.65	69	235496	54.565	ug/l	100
57) 1,3-Dichloropropane	10.93	76	305614	52.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	542874	262.214	ug/l	100
59) 2-Hexanone	10.97	43	600318	271.842	ug/l	100
60) Dibromochloromethane	11.13	129	213140	54.806	ug/l	100
61) 1,2-Dibromoethane	11.23	107	172464	53.892	ug/l	100
64) Tetrachloroethene	10.86	164	214579	50.447	ug/l	100
65) Chlorobenzene	11.66	112	637021	51.671	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	230146	52.696	ug/l	100
67) Ethyl Benzene	11.73	91	1150700	52.398	ug/l	100
68) m/p-Xylenes	11.84	106	895070	104.751	ug/l	100
69) o-Xylene	12.16	106	422665	52.330	ug/l	100
70) Styrene	12.18	104	697189	52.848	ug/l	100
71) Bromoform	12.35	173	125106	53.164	ug/l	100
73) Isopropylbenzene	12.46	105	1168380	51.880	ug/l	100
74) N-amyl acetate	12.27	43	329481	54.102	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	208550	53.225	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	148805m	41.237	ug/l	
77) Bromobenzene	12.75	156	268411	51.849	ug/l	100
78) n-propylbenzene	12.80	91	1403507	52.451	ug/l	100
79) 2-Chlorotoluene	12.90	91	788286	52.125	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	983888	52.598	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	67111	54.949	ug/l	100
82) 4-Chlorotoluene	12.99	91	842891	52.592	ug/l	100
83) tert-Butylbenzene	13.21	119	854314	52.597	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1010345	52.551	ug/l	100
85) sec-Butylbenzene	13.38	105	1248701	52.798	ug/l	100
86) p-Isopropyltoluene	13.50	119	1118592	52.869	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	554926	52.878	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	543780	52.576	ug/l	100
89) n-Butylbenzene	13.83	91	1068466	53.142	ug/l	100
90) Hexachloroethane	14.10	117	202725	54.843	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	489674	52.666	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	37091	54.474	ug/l	100

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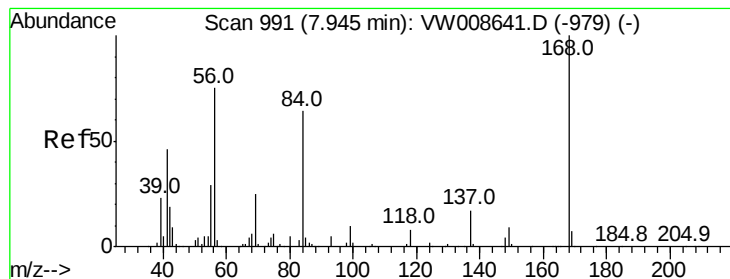
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	342698	51.778	ug/l	100
94) Hexachlorobutadiene	15.24	225	198657	51.564	ug/l	100
95) Naphthalene	15.37	128	641368	54.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	296108	52.136	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 415086

Ion Ratio Lower Upper

168 100

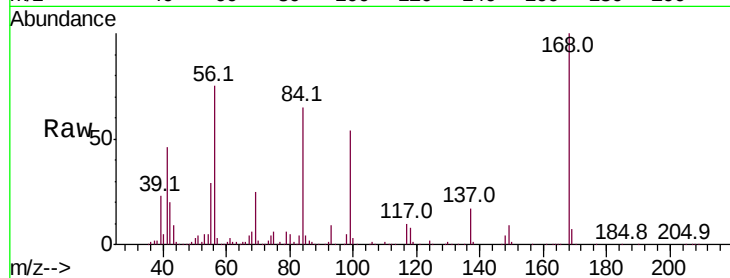
99 53.5 42.8 64.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

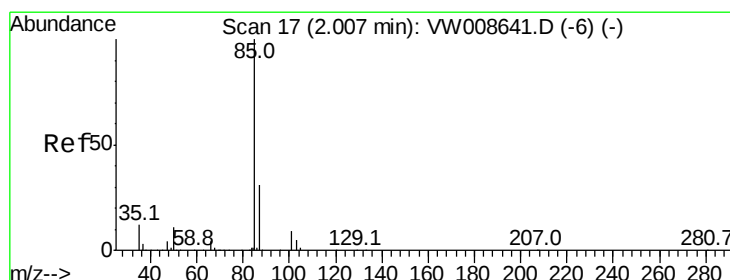
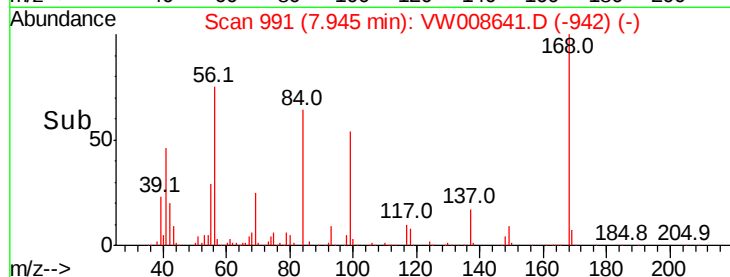
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 50.121 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008641.D

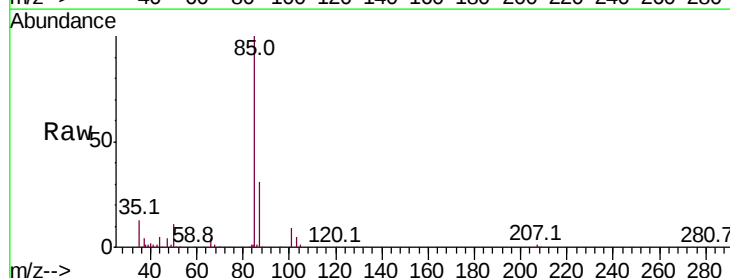
Acq: 13 Feb 2019 15:37

Tgt Ion: 85 Resp: 133251

Ion Ratio Lower Upper

85 100

87 30.9 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

50000

40000

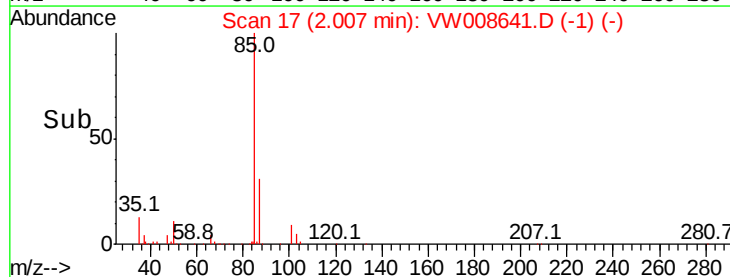
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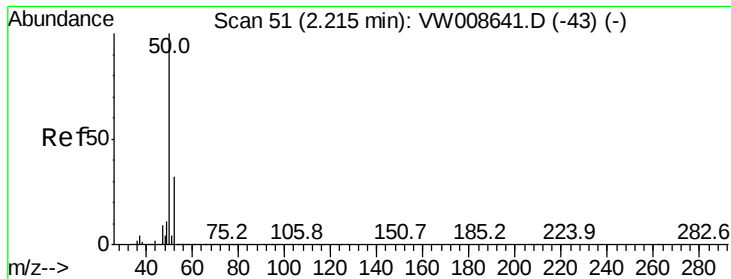
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10000

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Time--> 1.90 2.00 2.10 2.20





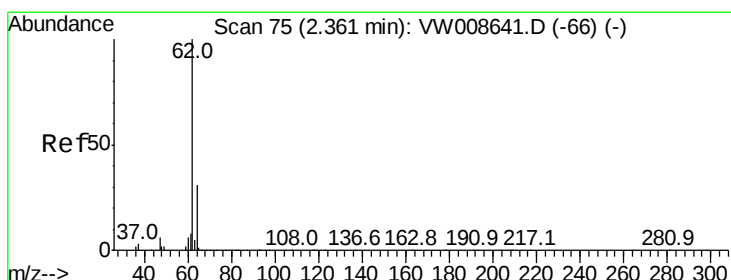
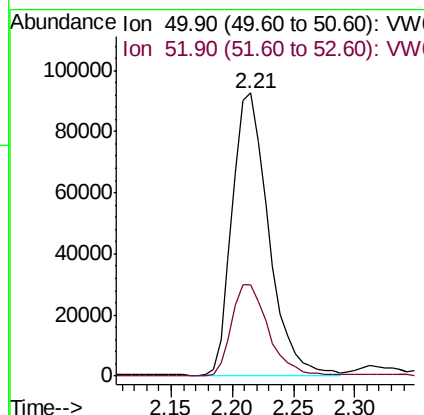
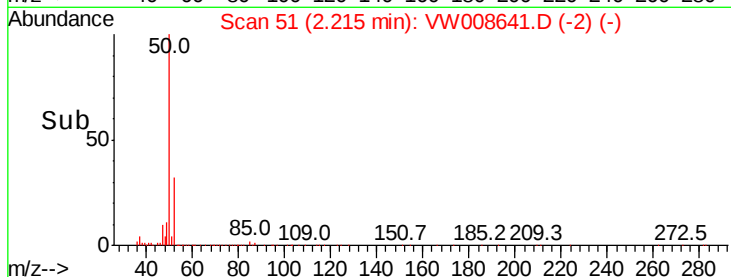
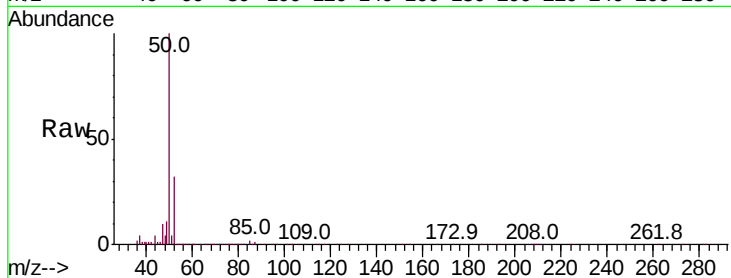
#3
Chloromethane
Concen: 49.858 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.0	39.0

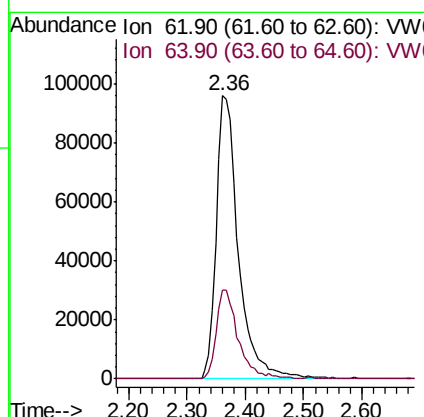
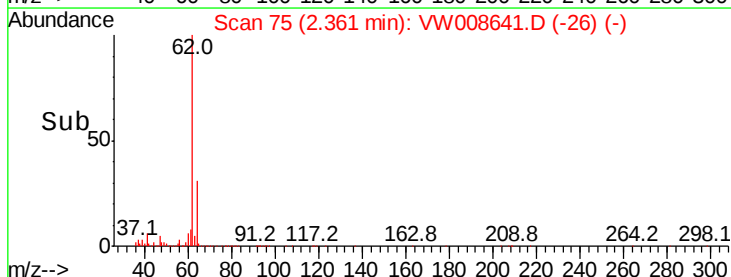
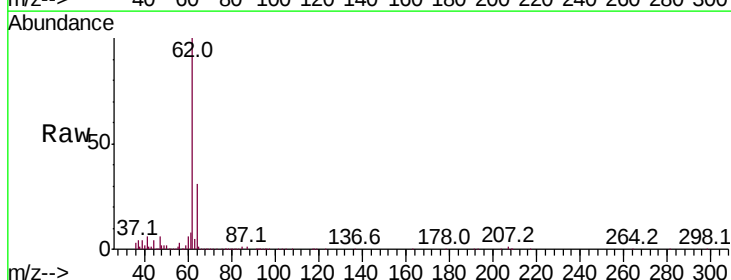
Manual Integrations
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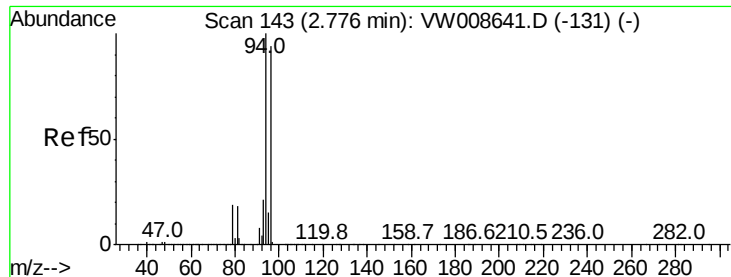
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#4
Vinyl Chloride
Concen: 50.073 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.1	37.7





#5

Bromomethane

Concen: 50.656 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 201794

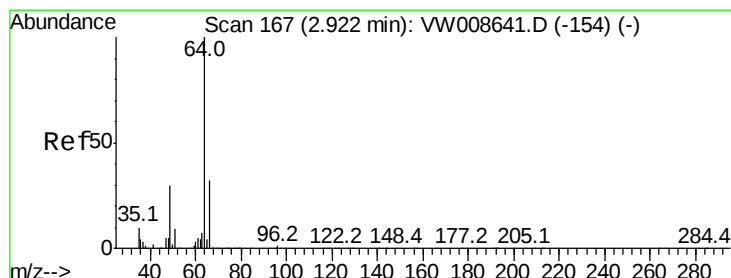
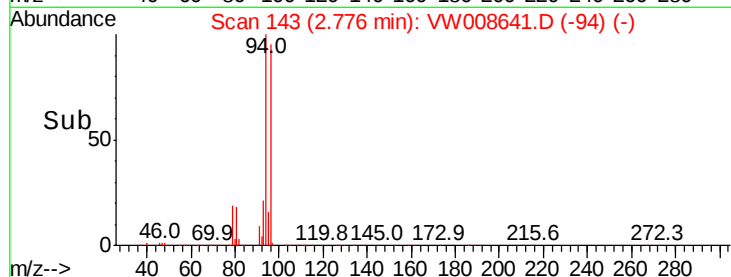
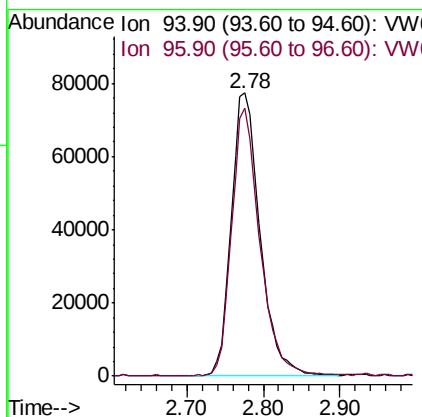
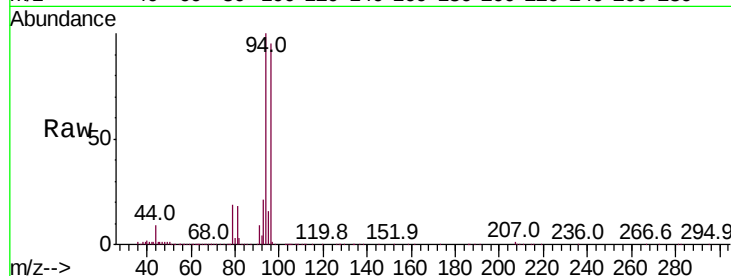
Ion Ratio Lower Upper

94 100

96 94.4 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 50.838 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW008641.D

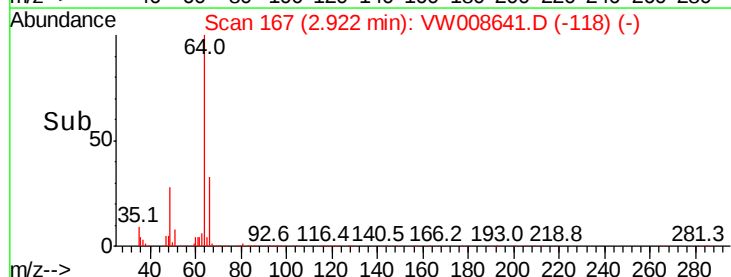
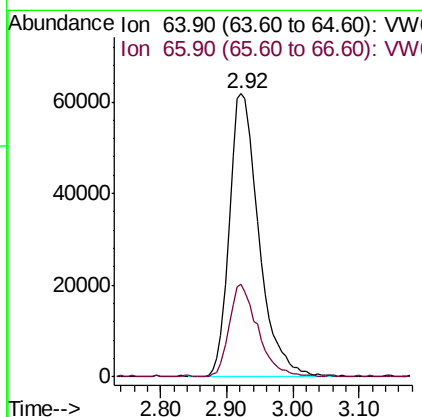
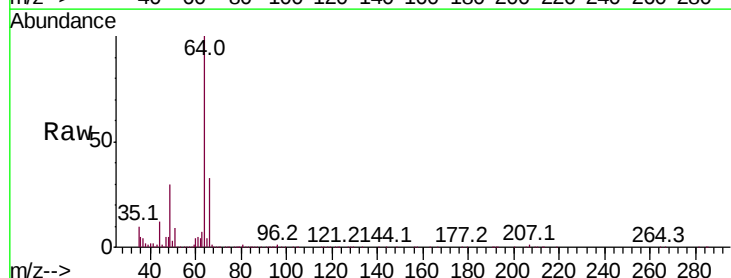
Acq: 13 Feb 2019 15:37

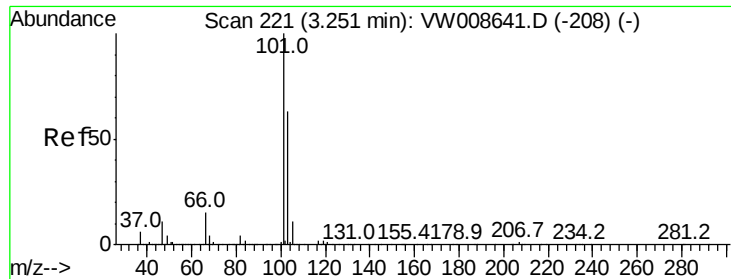
Tgt Ion: 64 Resp: 190440

Ion Ratio Lower Upper

64 100

66 32.8 26.2 39.4





#7

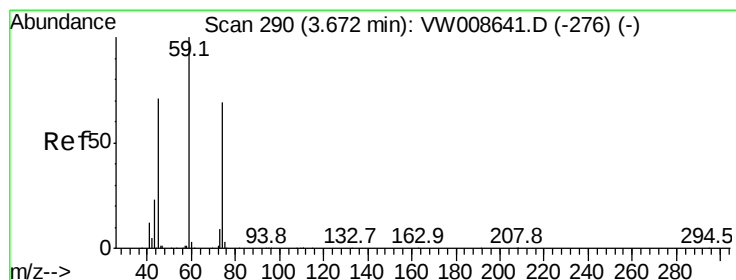
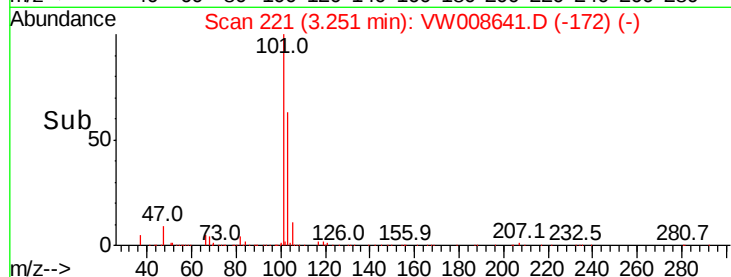
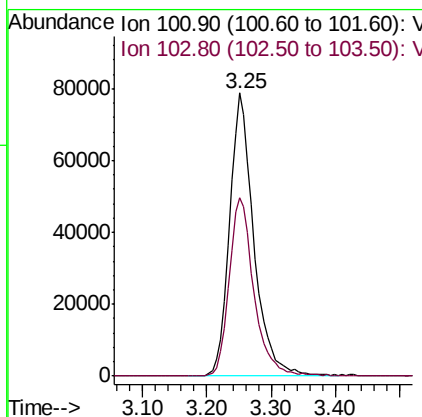
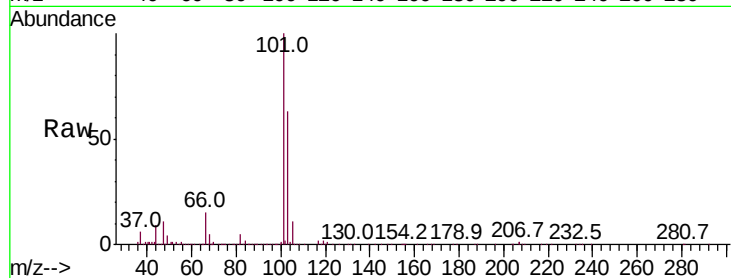
Trichlorofluoromethane
Concen: 52.974 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	50.5	75.7

Manual Integrations
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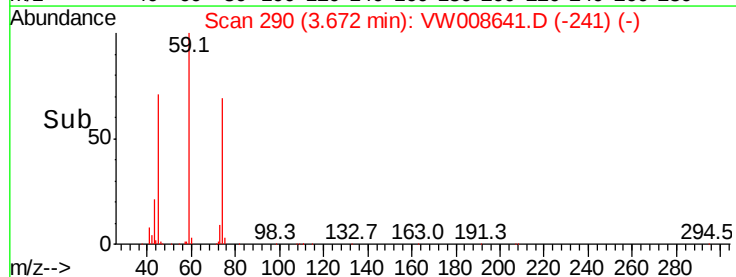
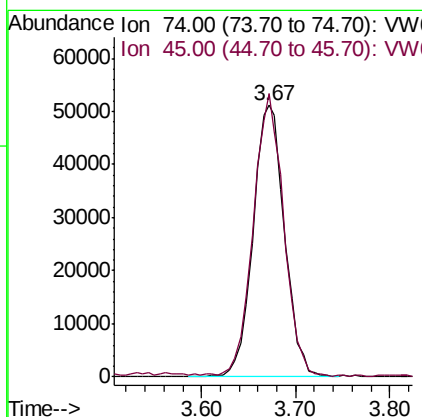
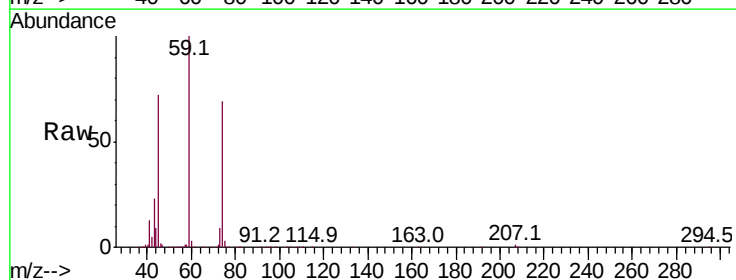
MMDadoda
2/14/2019 2:08:59 PM

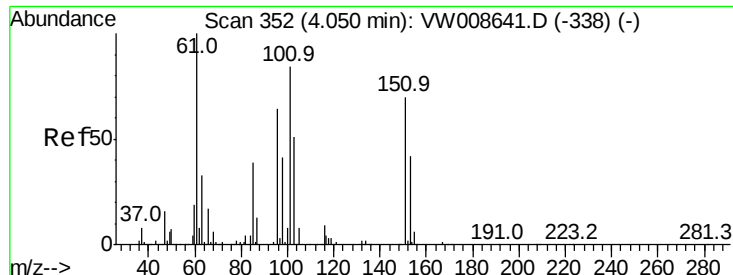


#8

Diethyl Ether
Concen: 51.166 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.4	50.2	150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.644 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

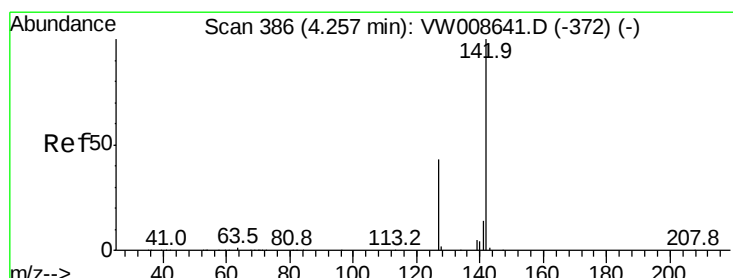
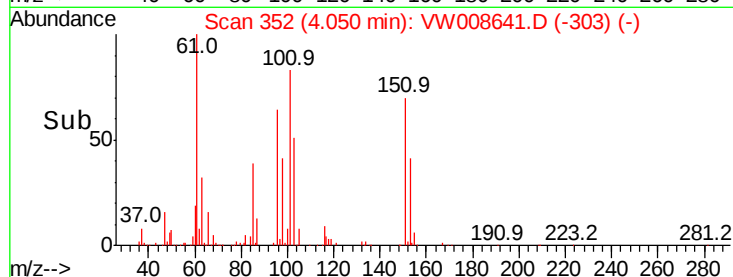
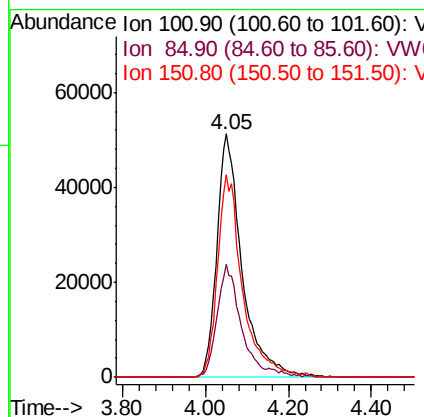
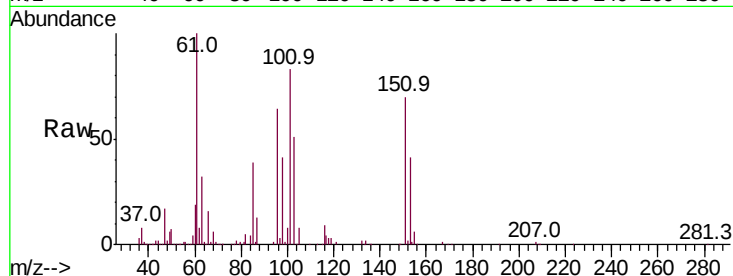
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	213996
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.3	51.5
151	82.0	65.6	98.4

Manual Integrations
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#10

Methyl Iodide

Concen: 52.664 ug/l

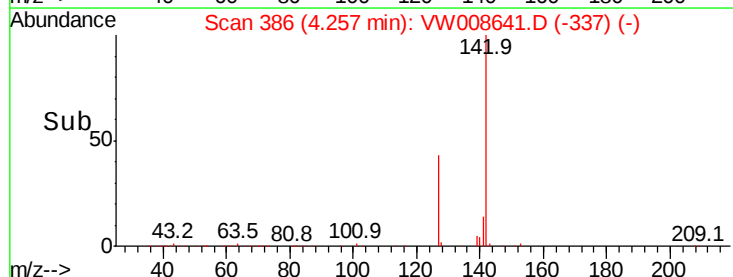
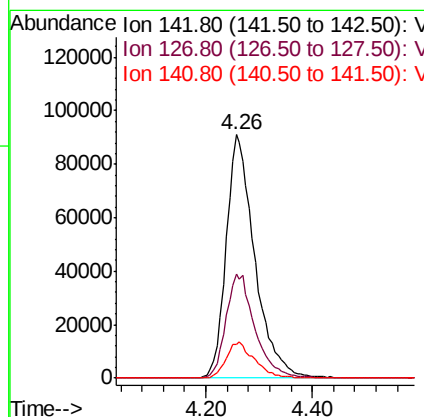
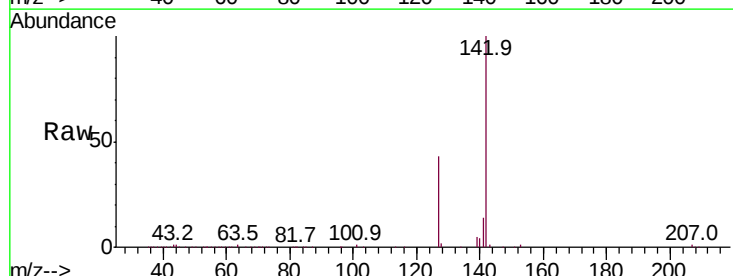
RT: 4.26 min Scan# 386

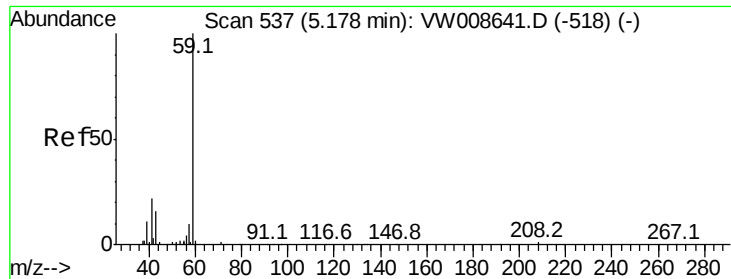
Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion:	142	Resp:	340600
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.8	52.2
141	14.8	11.8	17.8





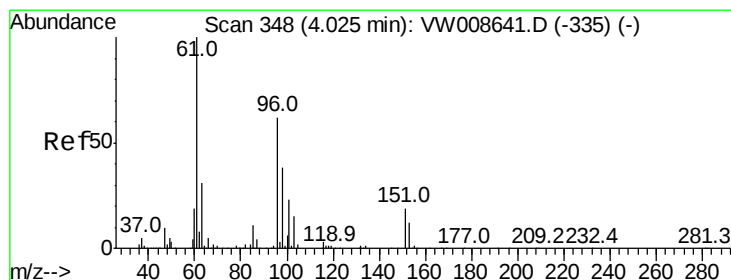
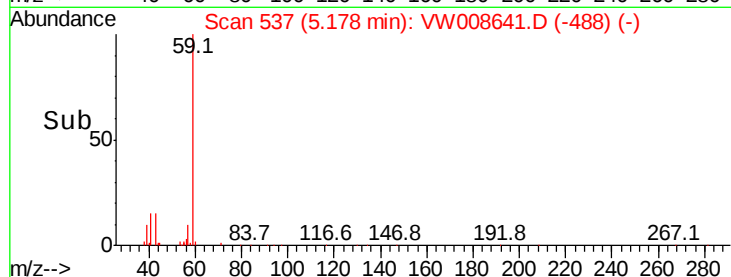
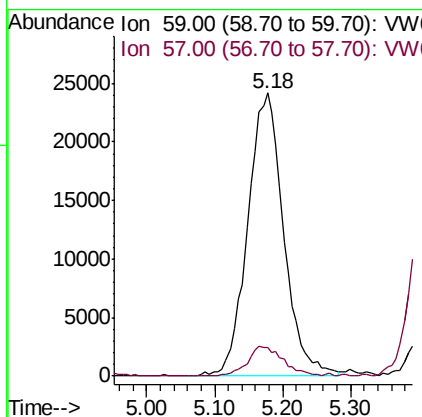
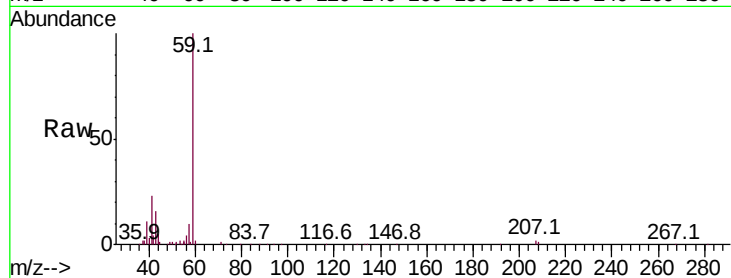
#11
Tert butyl alcohol
Concen: 263.024 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

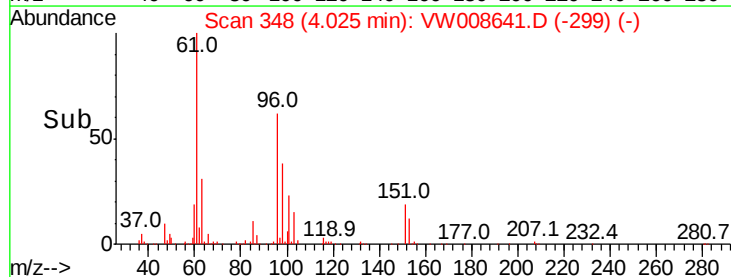
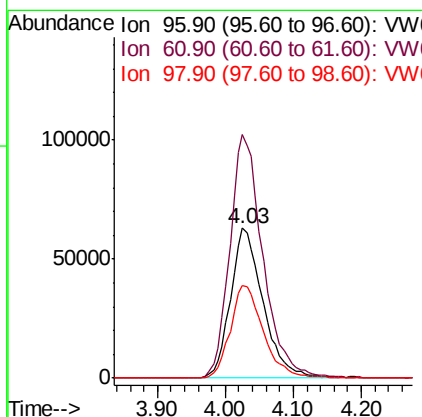
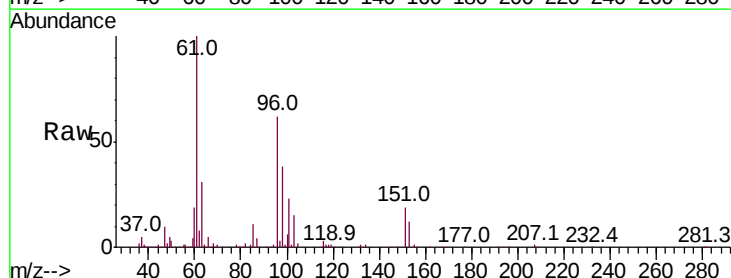
Manual Integrations
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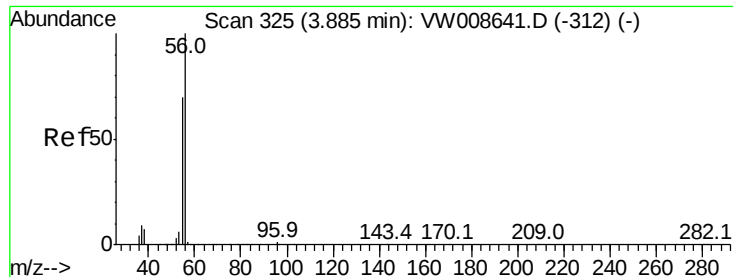
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.490 ug/l
RT: 4.03 min Scan# 348
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.2	129.8	194.6
98	61.6	49.3	73.9





#13

Acrolein

Concen: 242.577 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 86292

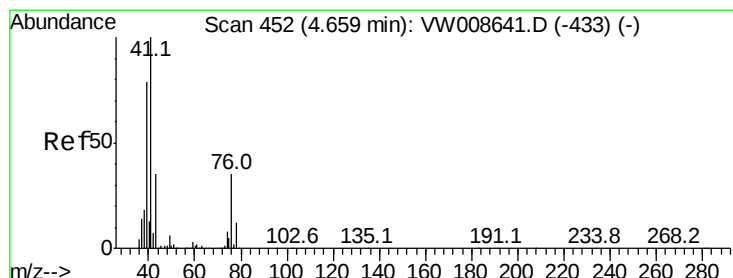
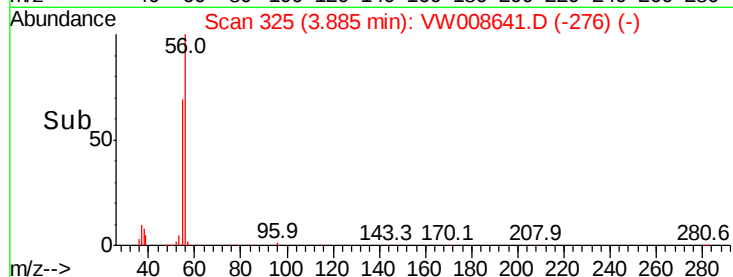
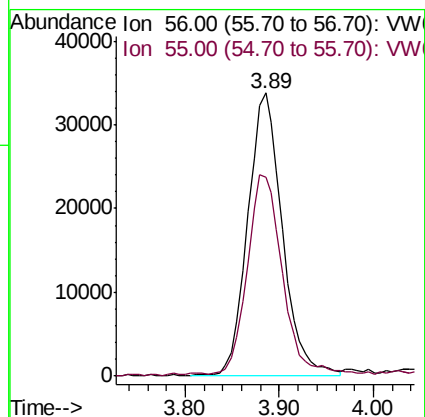
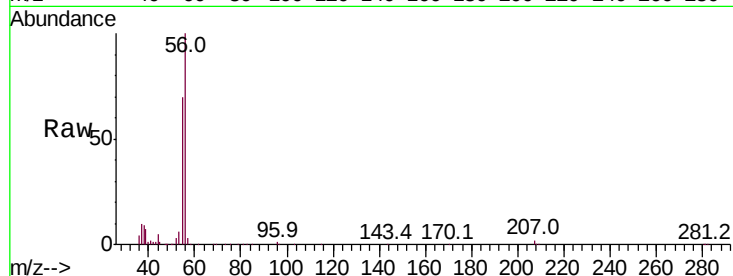
Ion Ratio Lower Upper

56 100

55 71.8 57.4 86.2

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#14

Allyl chloride

Concen: 53.521 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

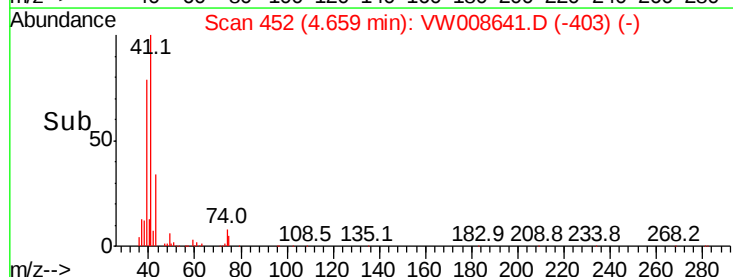
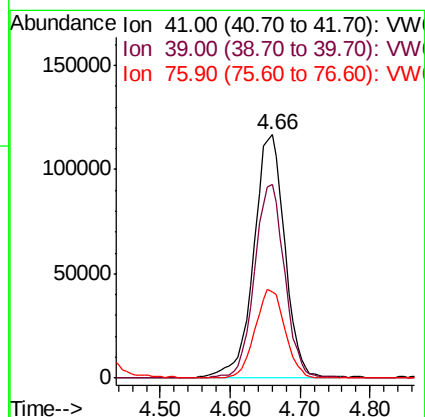
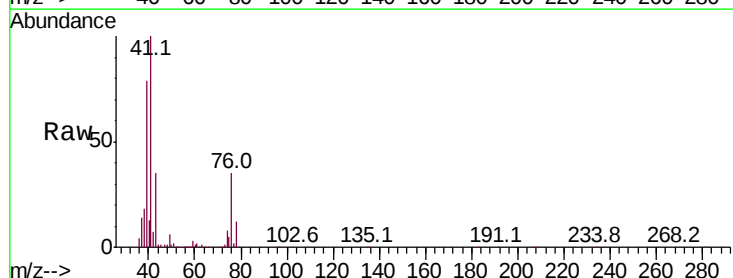
Tgt Ion: 41 Resp: 360339

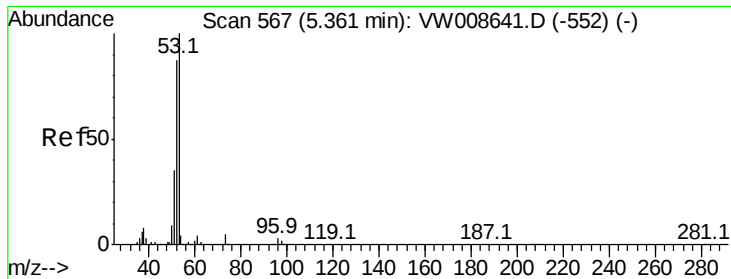
Ion Ratio Lower Upper

41 100

39 77.1 61.7 92.5

76 34.6 27.7 41.5





#15

Acrylonitrile

Concen: 268.150 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

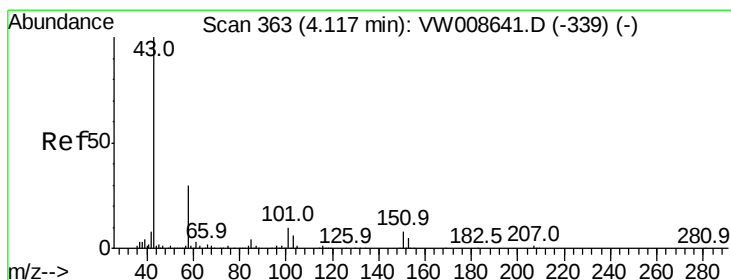
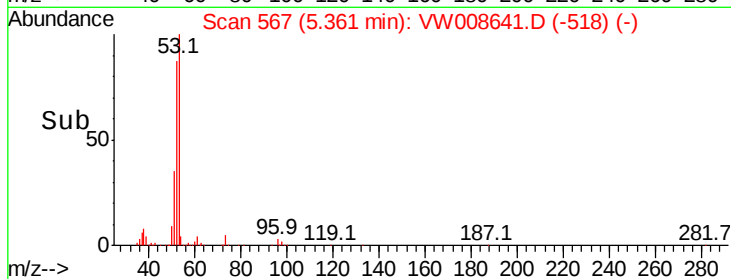
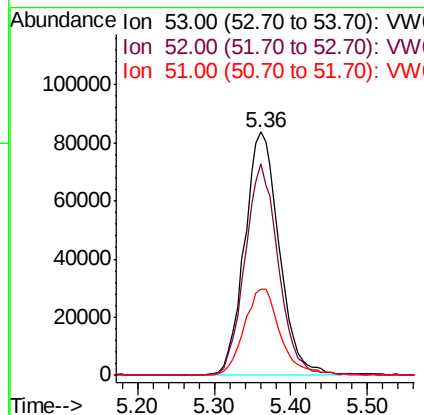
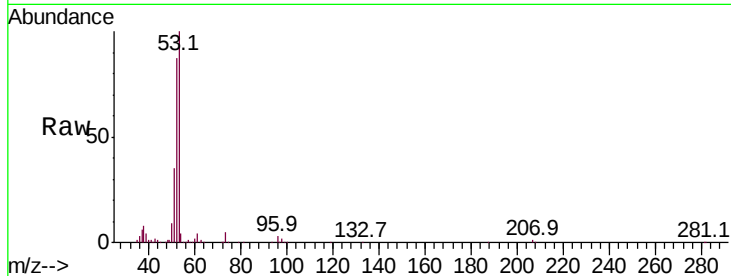
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	264094
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.8	100.2
51	36.7	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 267.280 ug/l

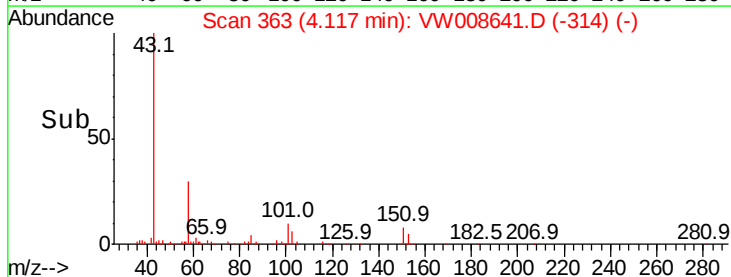
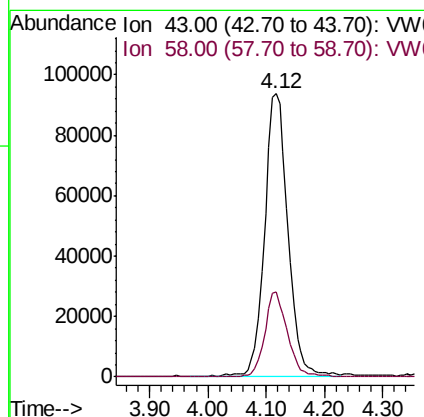
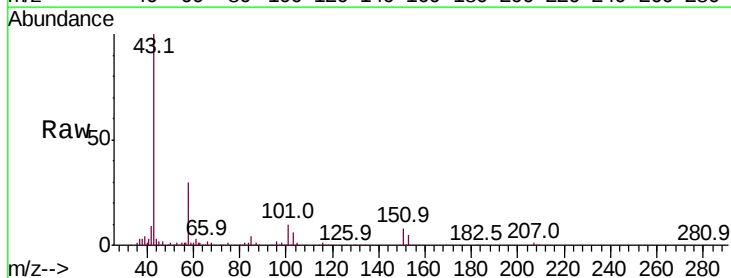
RT: 4.12 min Scan# 363

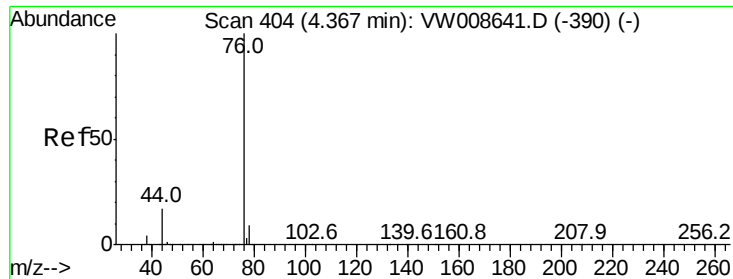
Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion:	43	Resp:	261563
Ion Ratio	Lower	Upper	
43	100		
58	30.1	24.1	36.1





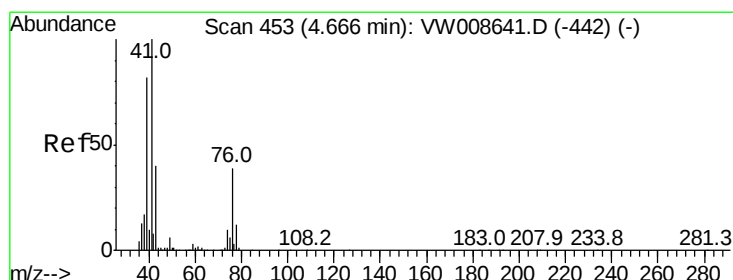
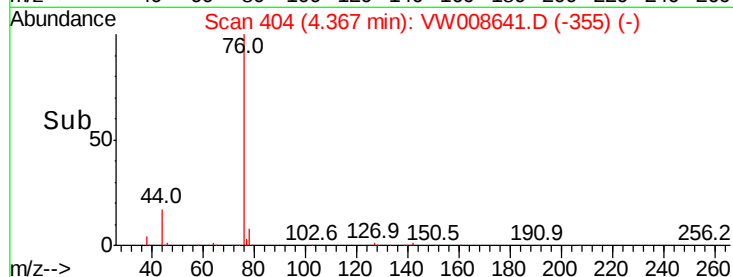
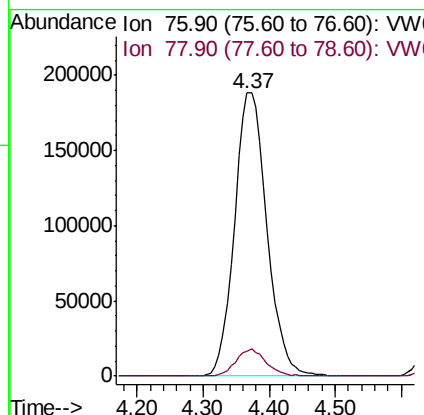
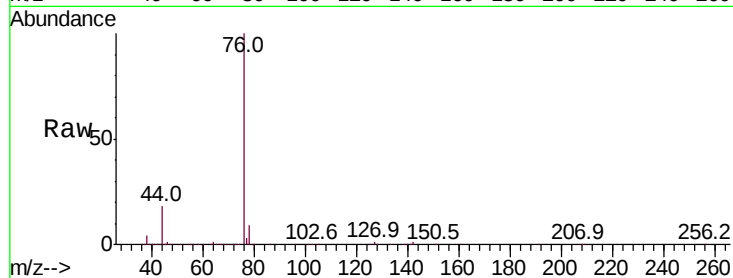
#17
Carbon Disulfide
Concen: 52.265 ug/l
RT: 4.37 min Scan# 404
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

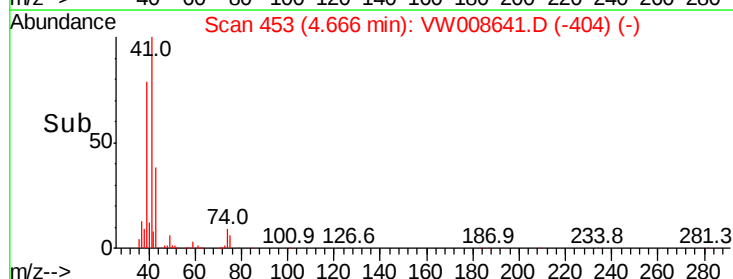
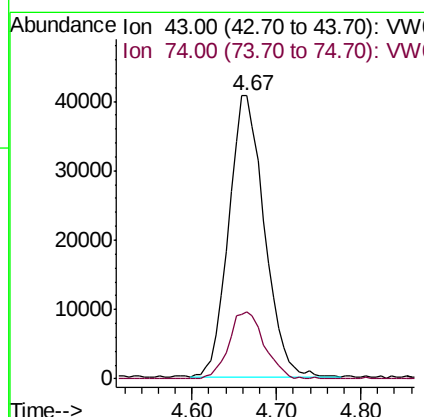
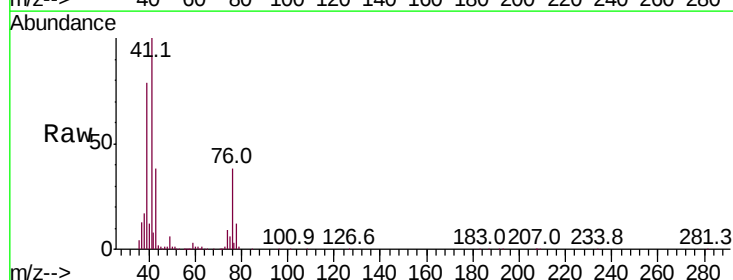
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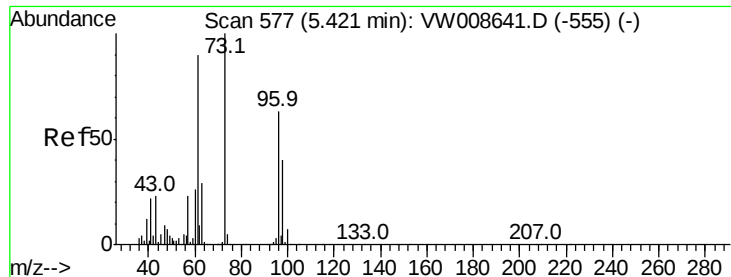
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#18
Methyl Acetate
Concen: 51.879 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.0	28.4





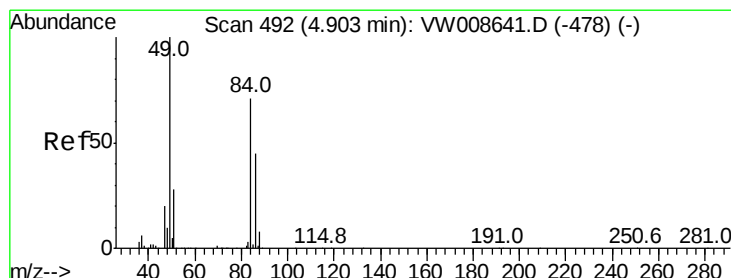
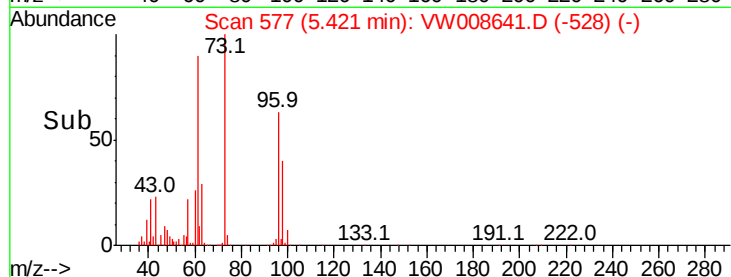
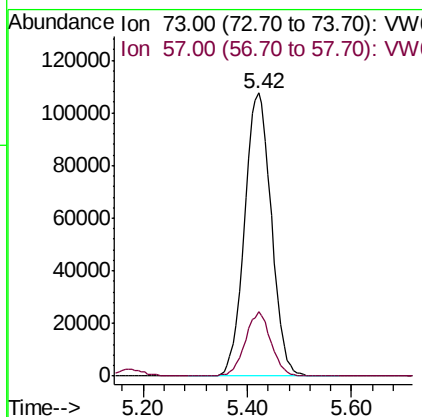
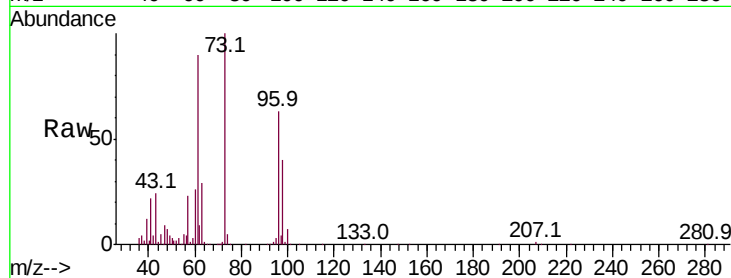
#19
Methvl tert-butvl Ether
Concen: 53.345 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 379483
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.2

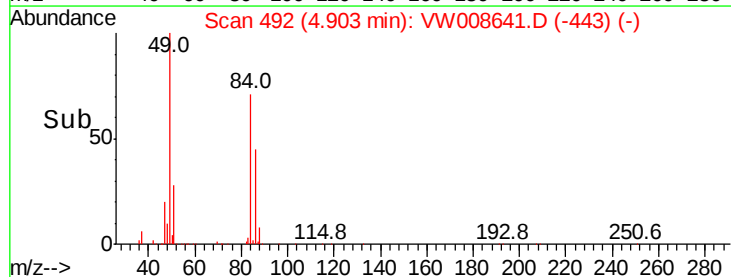
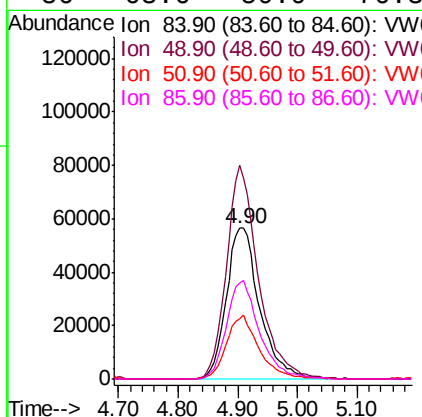
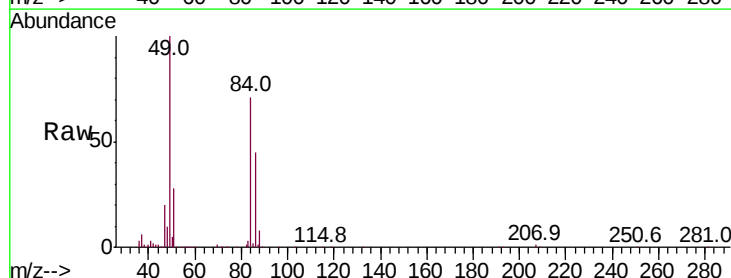
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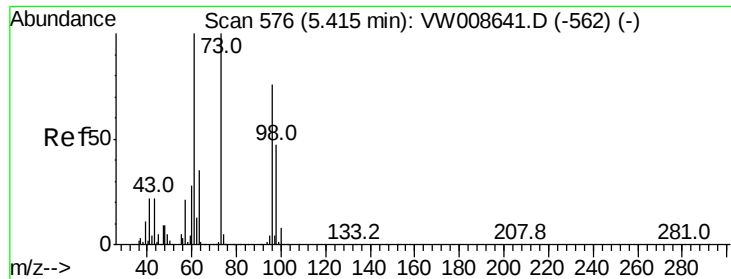
MMDadoda
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#20
Methylene Chloride
Concen: 39.087 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 84 Resp: 219649
Ion Ratio Lower Upper
84 100
49 141.6 113.3 169.9
51 40.1 32.1 48.1
86 63.6 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 52.354 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 232339

Ion Ratio Lower Upper

96 100

61 132.4 105.9 158.9

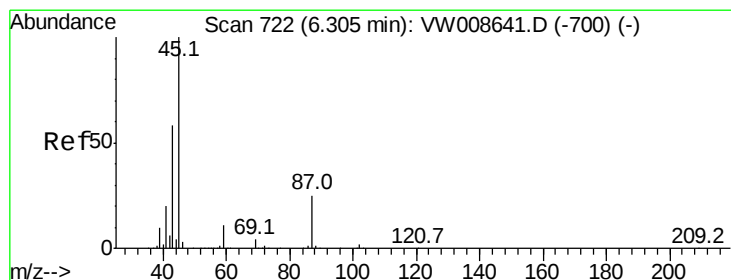
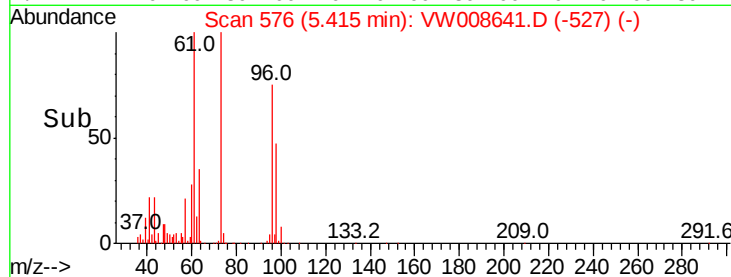
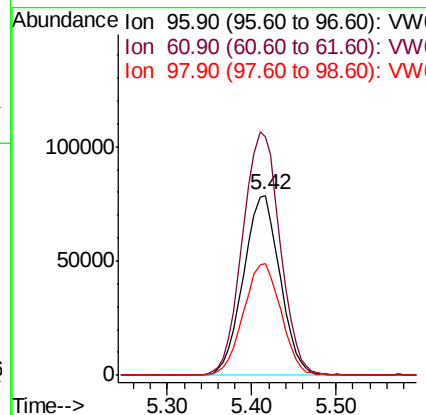
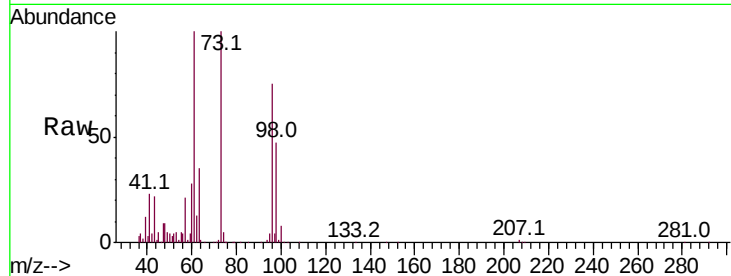
98 62.2 49.8 74.6

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#22

Diisopropyl ether

Concen: 52.600 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion: 45 Resp: 712767

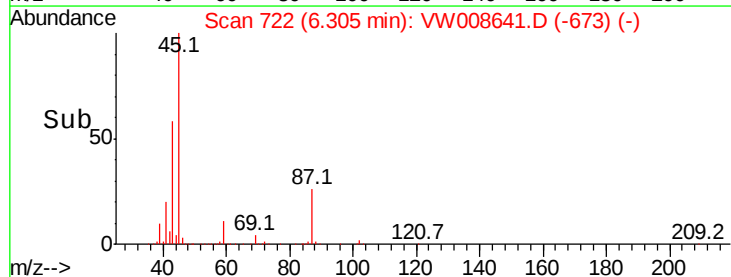
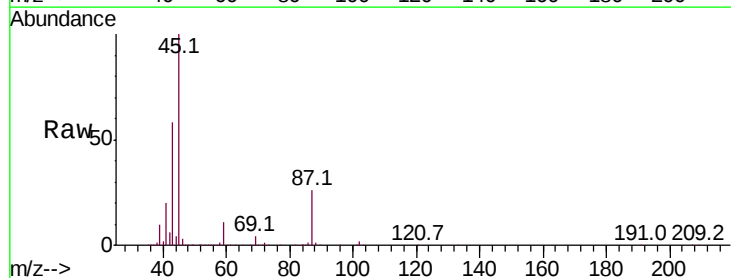
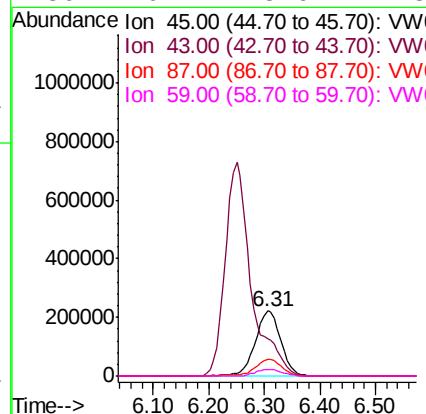
Ion Ratio Lower Upper

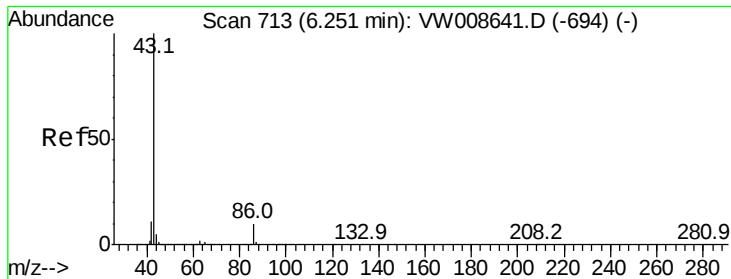
45 100

43 57.6 46.1 69.1

87 25.6 20.5 30.7

59 10.7 8.6 12.8





#23

Vinyl Acetate

Concen: 269.842 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2373155

Ion Ratio Lower Upper

43 100

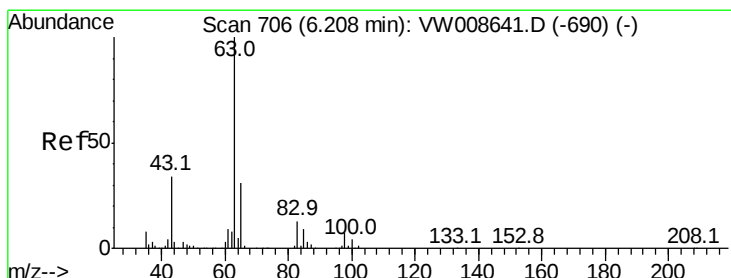
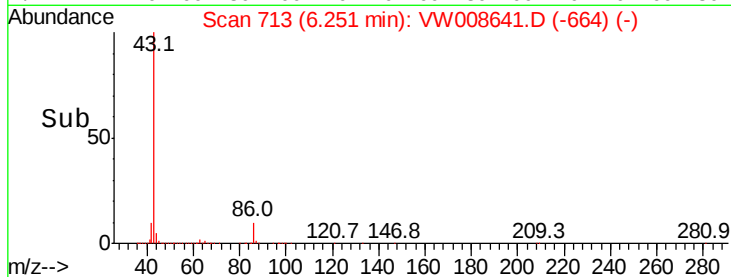
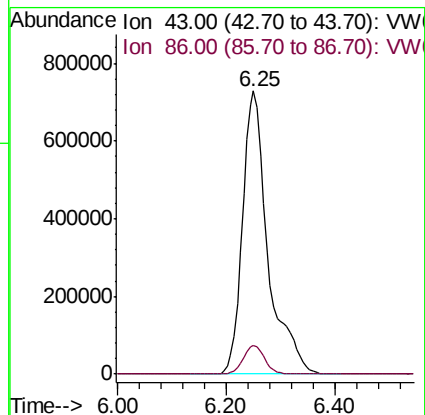
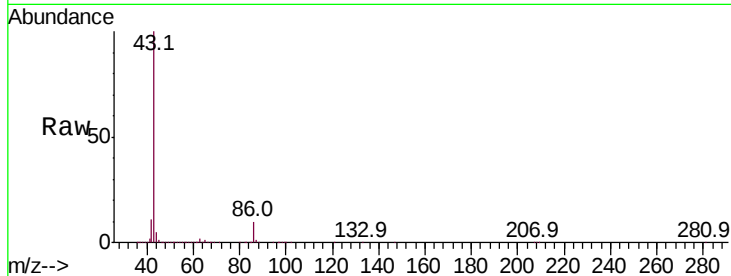
86 9.9 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 52.613 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

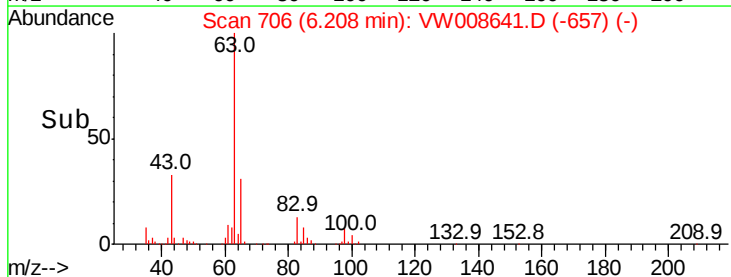
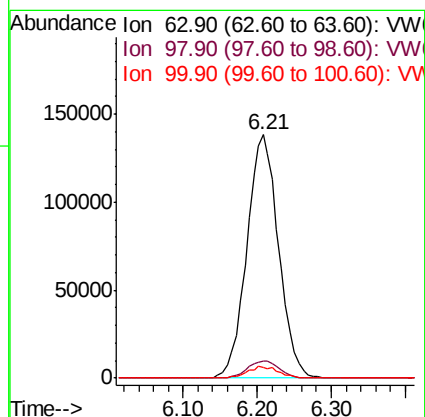
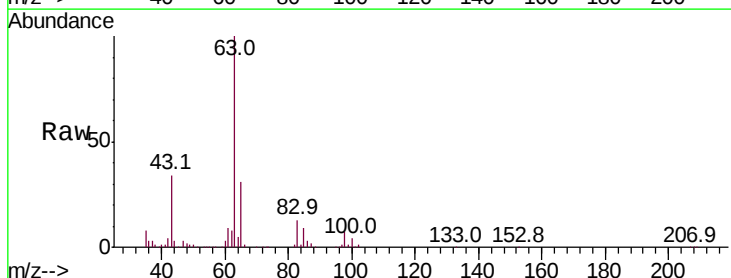
Tgt Ion: 63 Resp: 411398

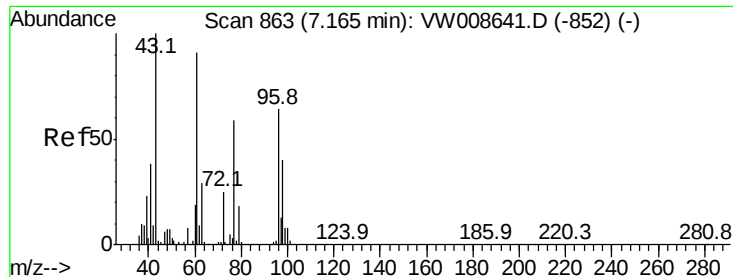
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 269.959 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 374332

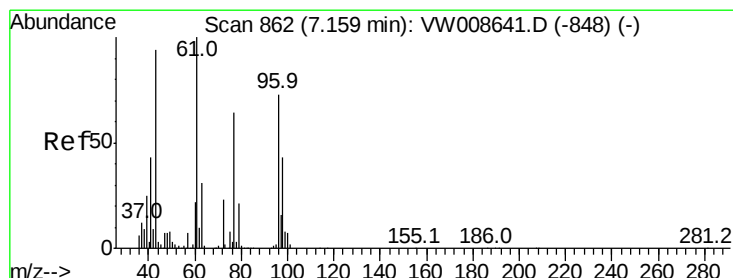
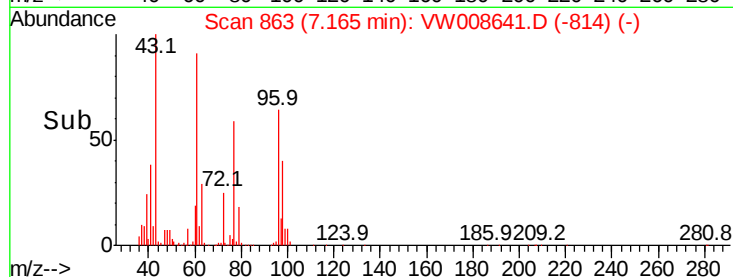
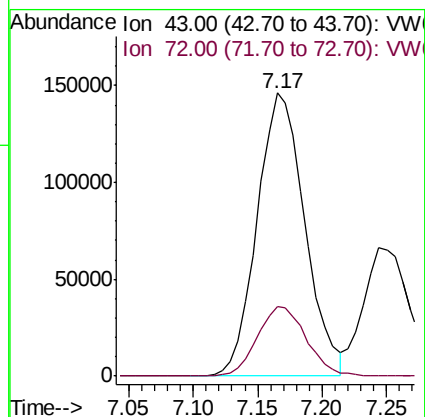
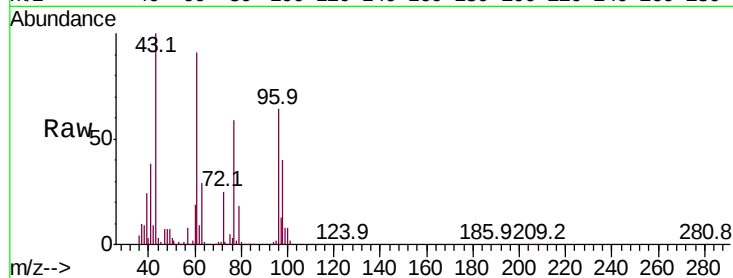
Ion Ratio Lower Upper

43 100

72 24.6 19.7 29.5

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 51.722 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW008641.D

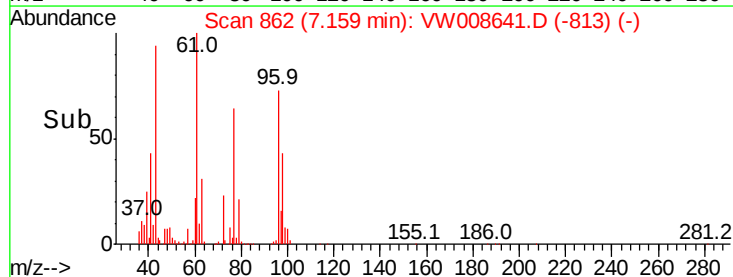
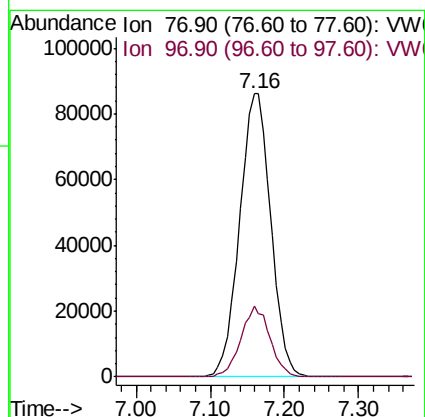
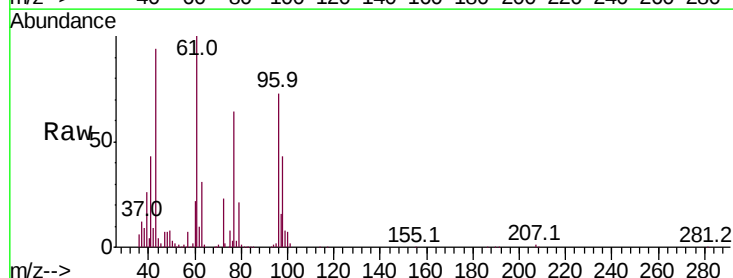
Acq: 13 Feb 2019 15:37

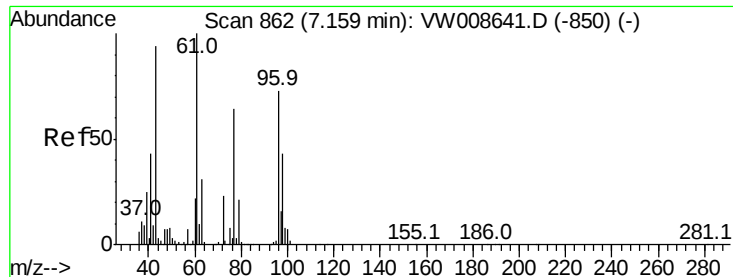
Tgt Ion: 77 Resp: 252652

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

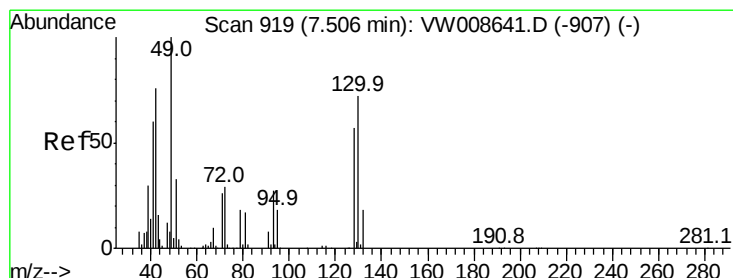
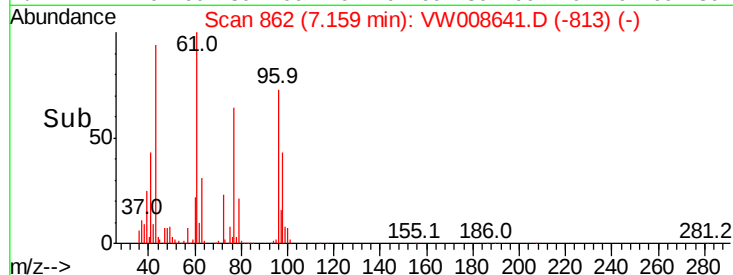
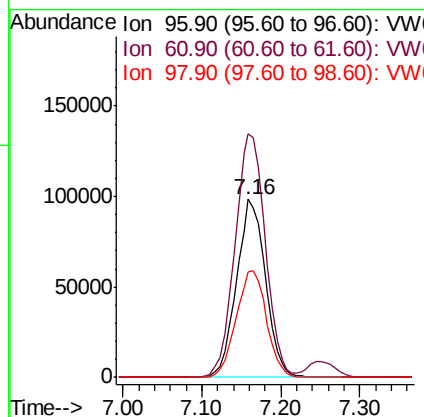
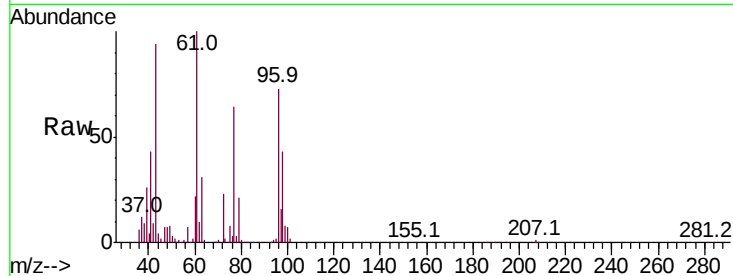
cis-1,2-Dichloroethene
 Concen: 52.424 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW008641.D
 Acq: 13 Feb 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	251571		
61	143.2	0.0	286.4	
98	62.5	0.0	125.0	

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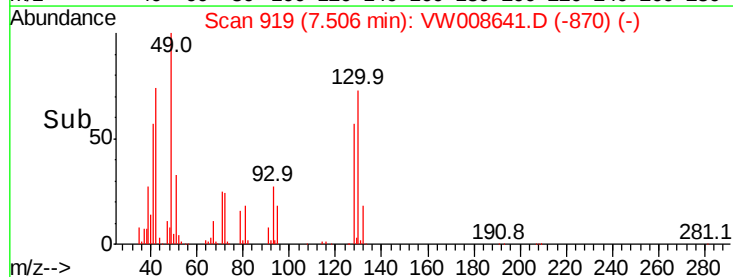
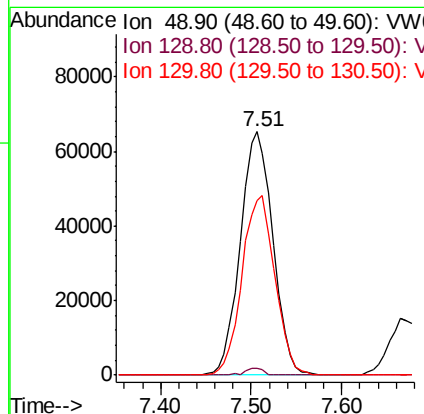
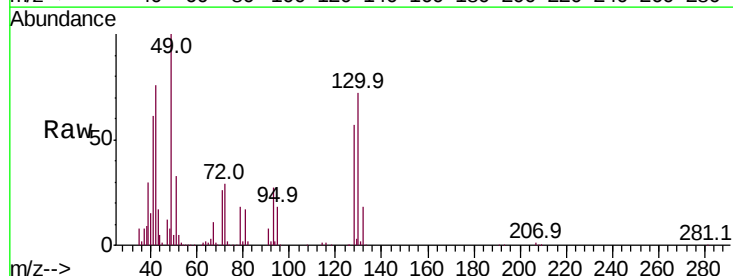
MMDadoda
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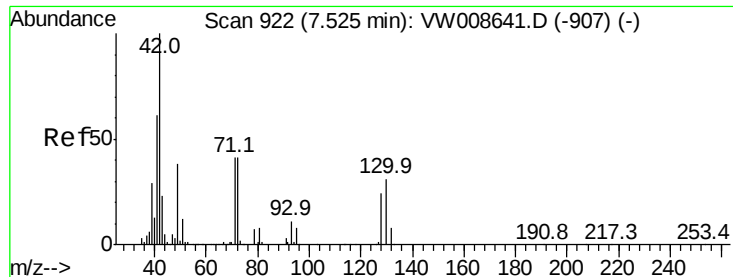


#28

Bromochloromethane
 Concen: 49.247 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW008641.D
 Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	162558		
129	1.6	0.0	3.2	
130	74.2	59.4	89.0	





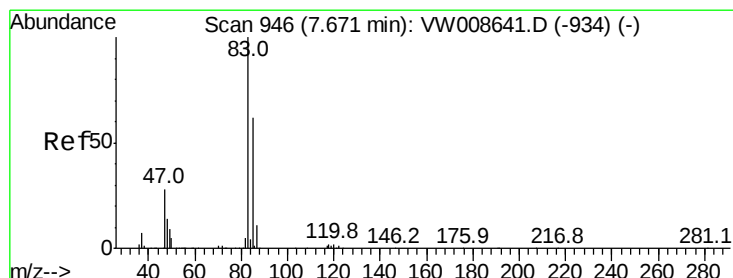
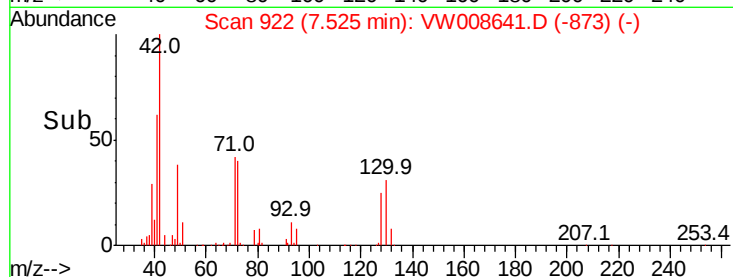
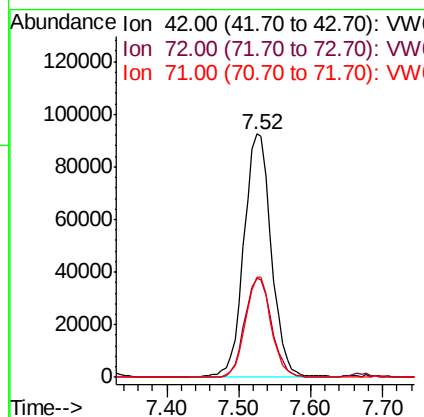
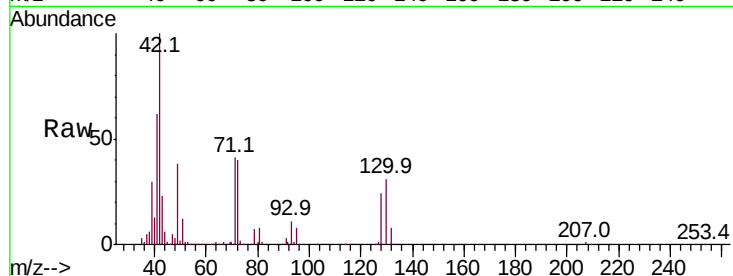
#29
Tetrahydrofuran
Concen: 266.555 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.2	48.2
71	38.8	31.0	46.6

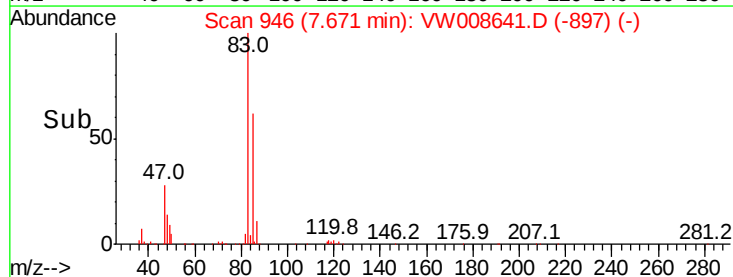
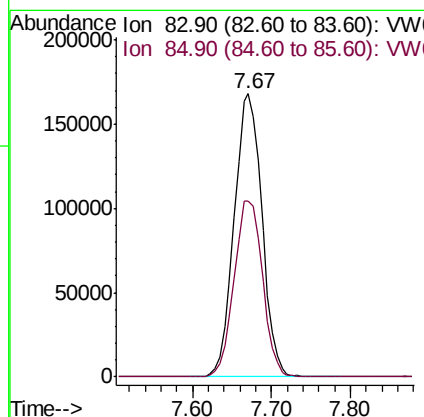
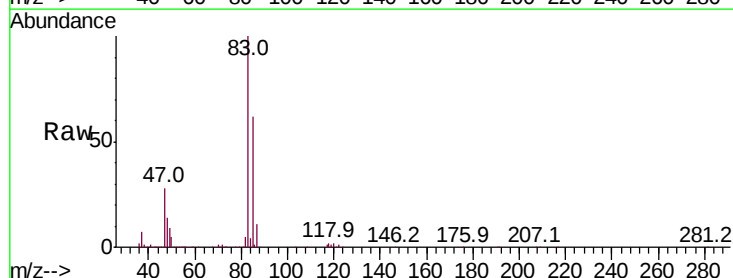
Manual Integrations
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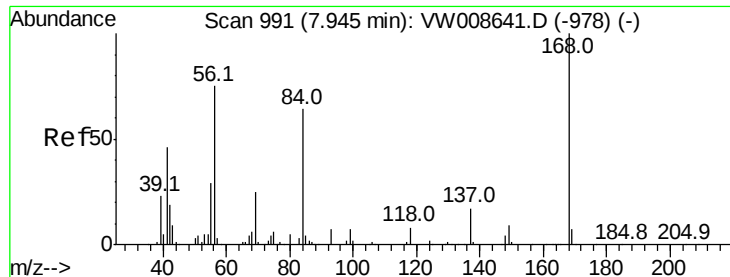
MMDadoda
2/14/2019 2:08:59 PM



#30
Chloroform
Concen: 52.602 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	49.8	74.8





#31

Cyclohexane

Concen: 49.488 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 390573

Ion Ratio Lower Upper

56 100

69 33.0 26.4 39.6

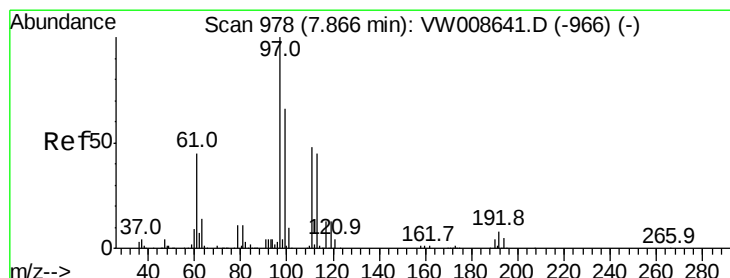
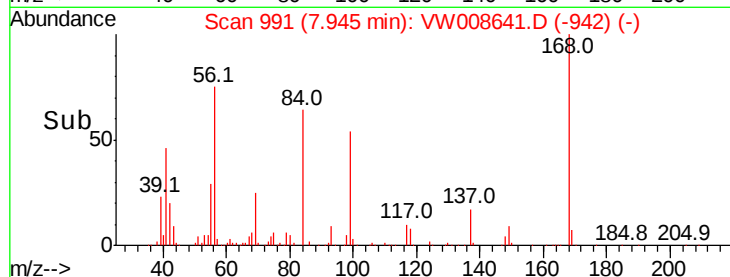
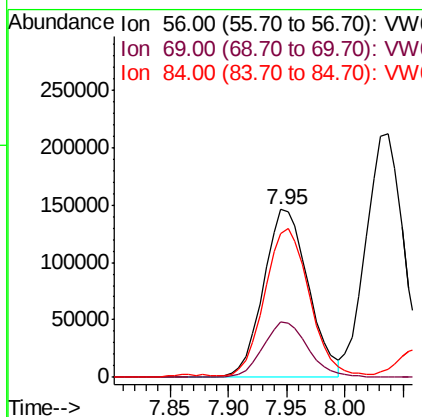
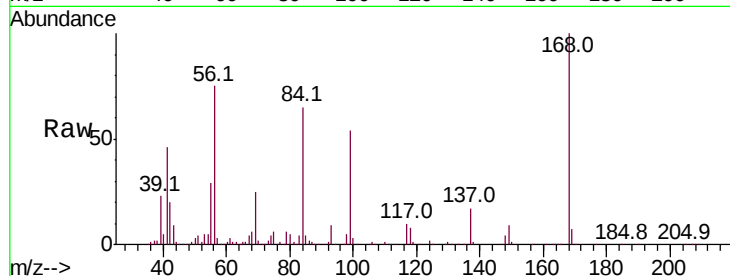
84 84.3 67.4 101.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 52.531 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

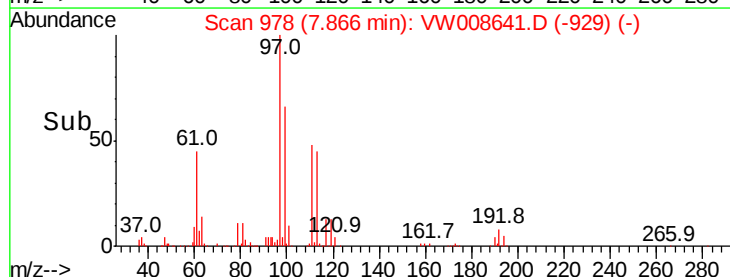
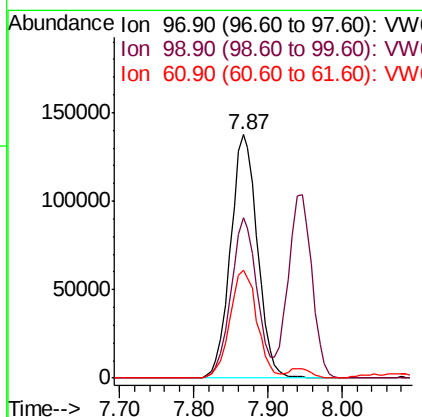
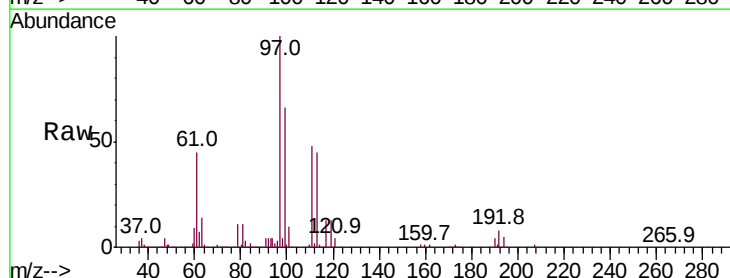
Tgt Ion: 97 Resp: 347598

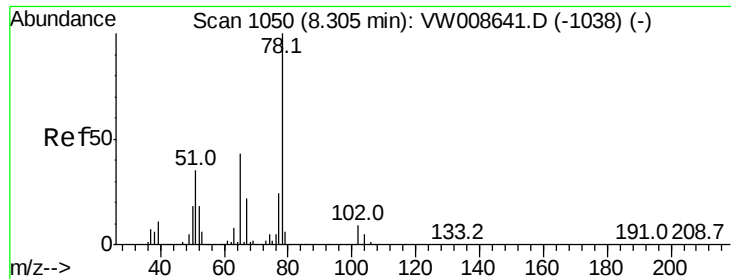
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 44.7 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 57.360 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

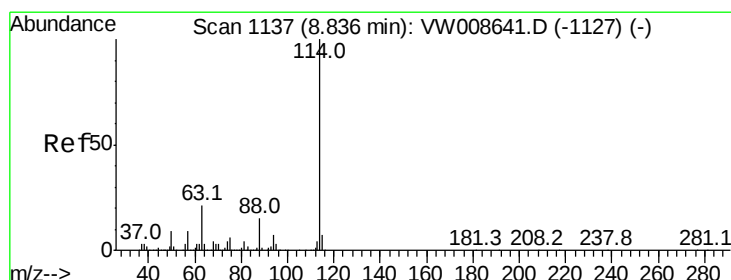
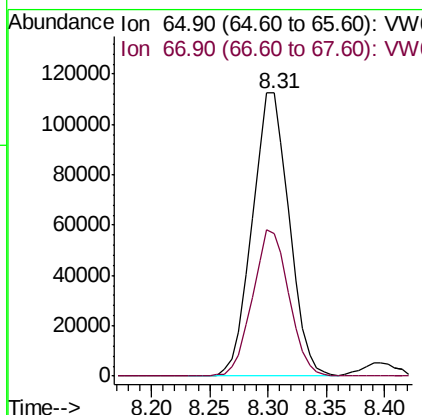
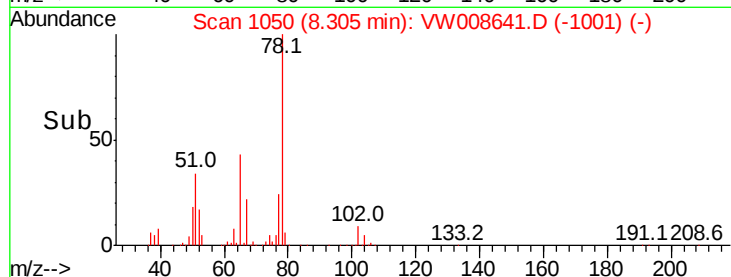
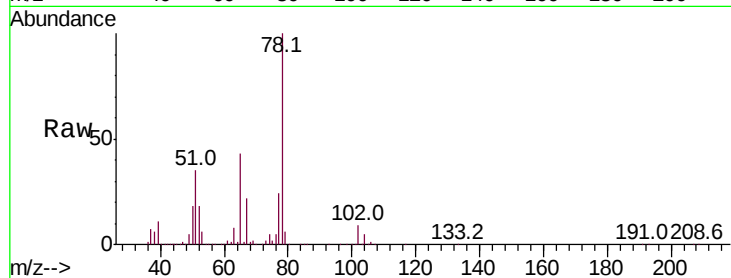
Instrument :
MSVOA_W

ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.0

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

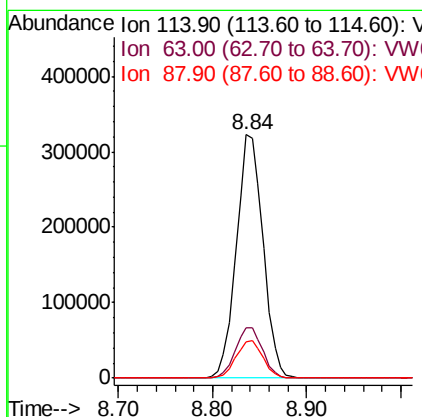
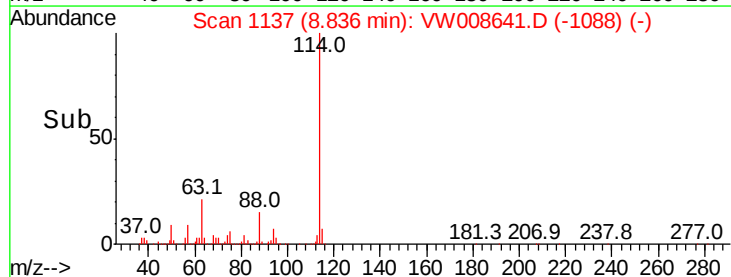
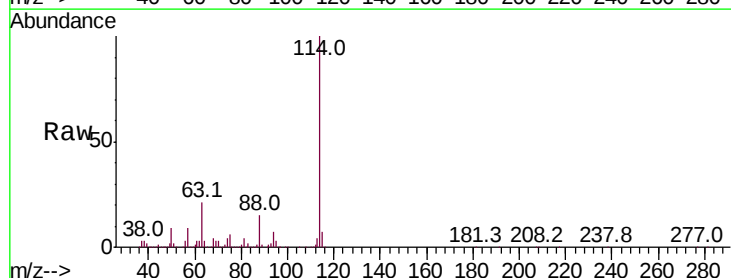
RT: 8.84 min Scan# 1137

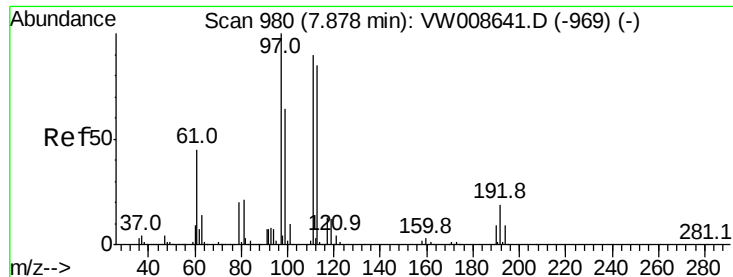
Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.2
88	14.8	0.0	29.6





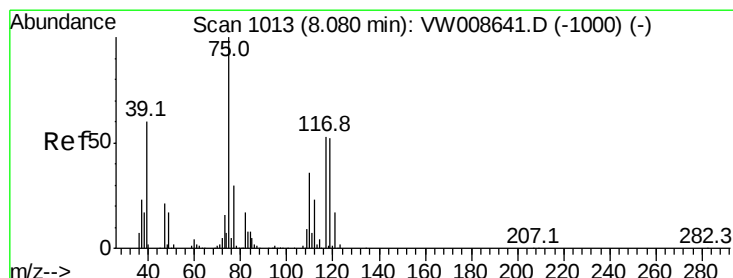
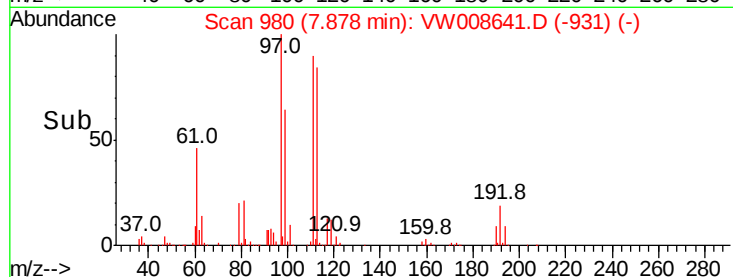
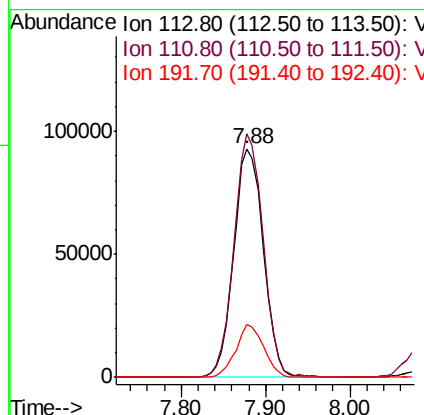
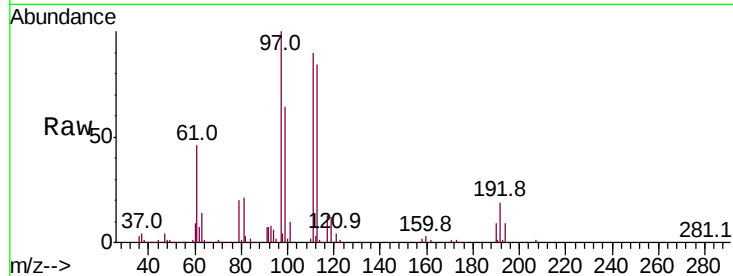
#35
Dibromofluoromethane
Concen: 56.057 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	220420		
111	105.0	84.0	126.0	
192	21.8	17.4	26.2	

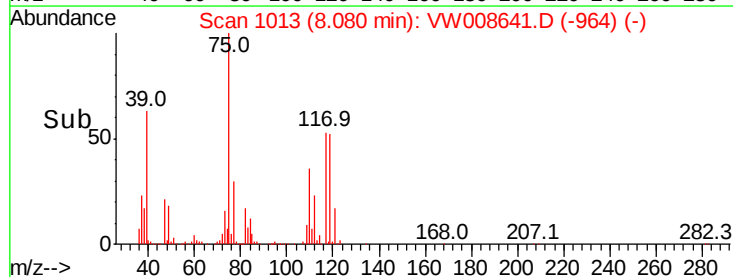
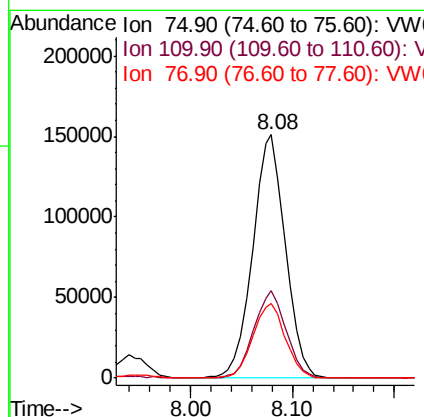
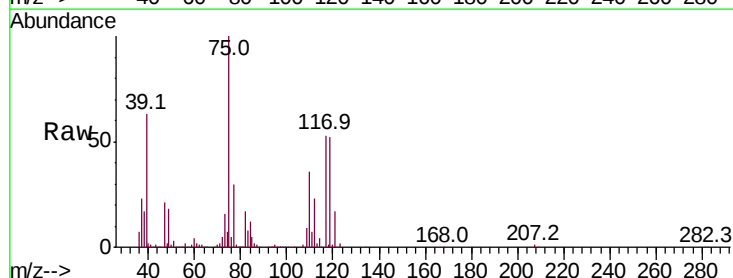
Manual Integrations
APPROVED

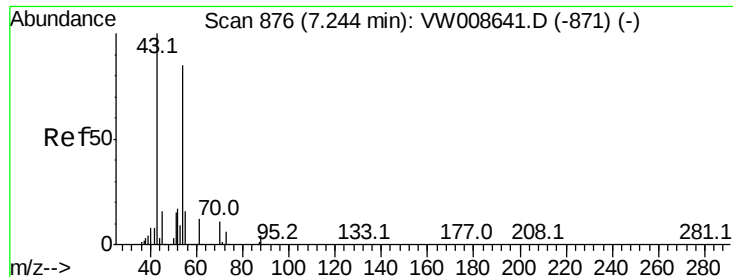
MMDadoda
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#36
1,1-Dichloropropene
Concen: 52.792 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	335868		
110	35.5	17.8	53.3	
77	30.9	24.7	37.1	





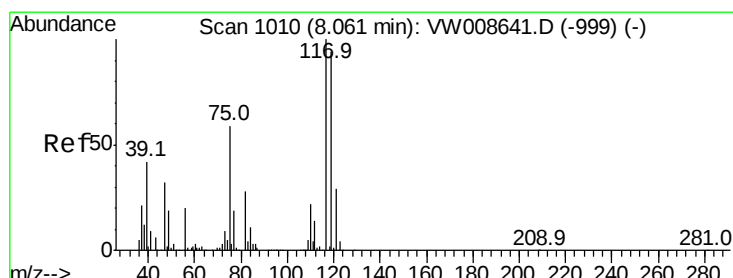
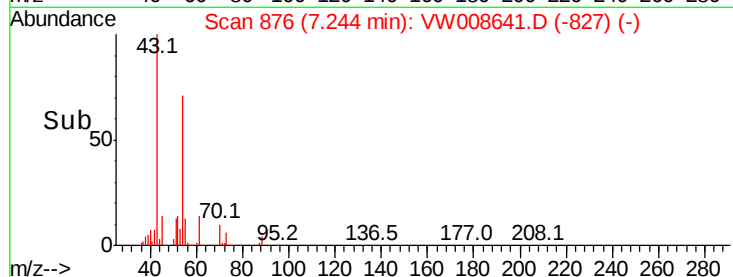
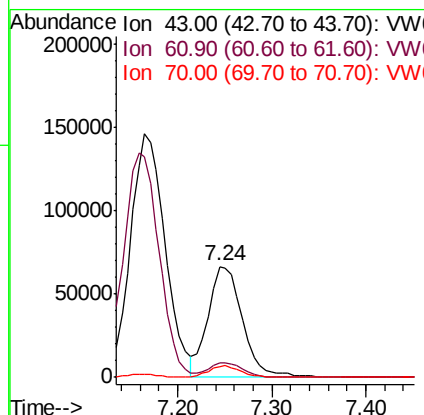
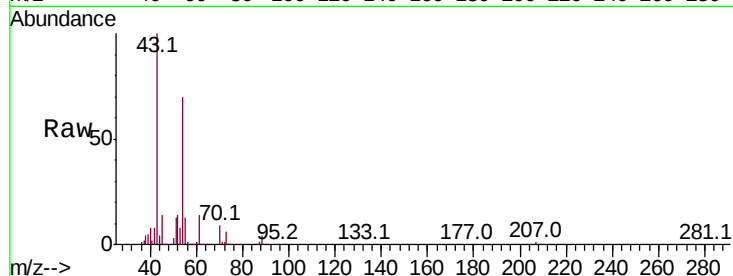
#37
Ethyl Acetate
Concen: 54.811 ug/l
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	168213
Ion Ratio	Lower	Upper	
43	100		
61	13.1	10.5	15.7
70	10.1	8.1	12.1

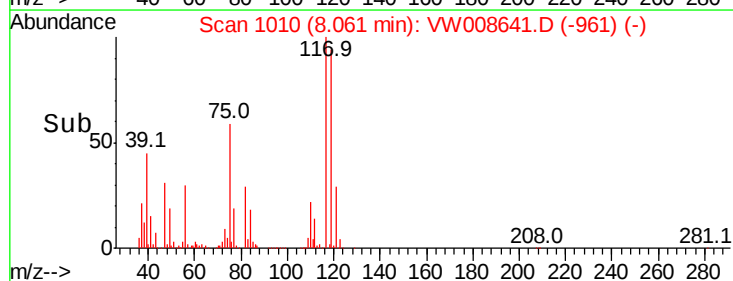
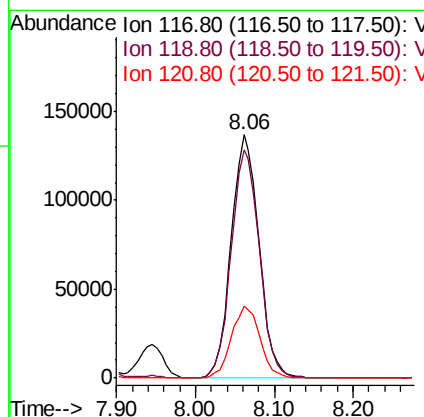
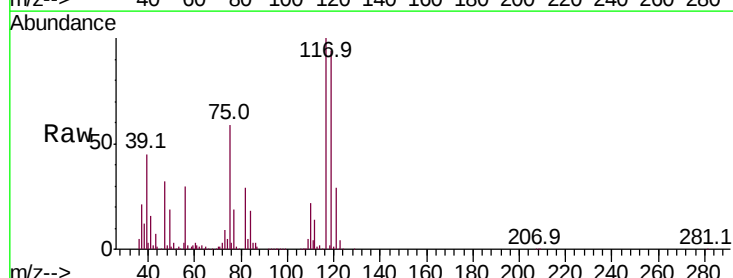
Manual Integrations
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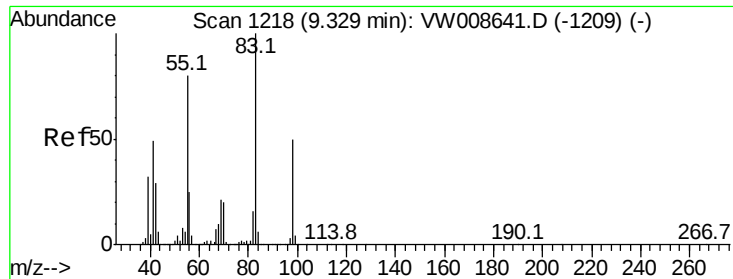
MMDadoda
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#38
Carbon Tetrachloride
Concen: 53.141 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	117	Resp	336186
Ion Ratio	Lower	Upper	
117	100		
119	93.9	75.1	112.7
121	29.4	23.5	35.3





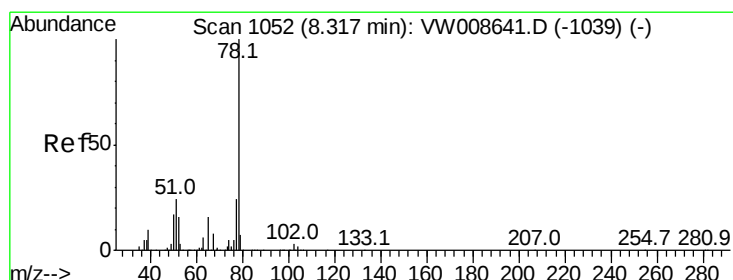
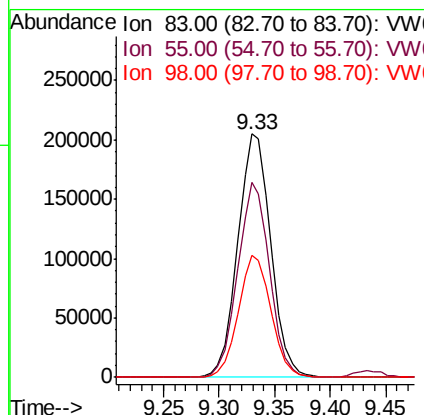
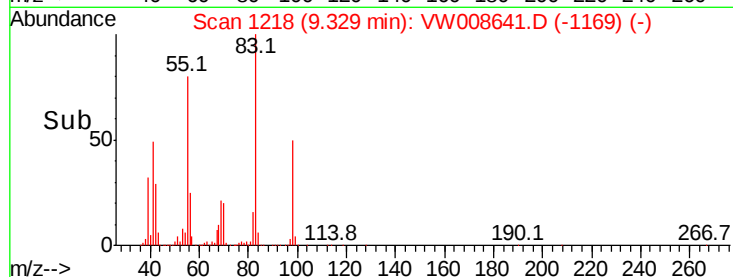
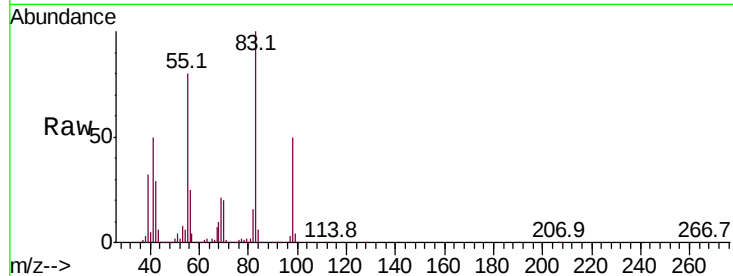
#39
Methvlcvclohexane
Concen: 52.296 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	63.9	95.9
98	50.2	40.2	60.2

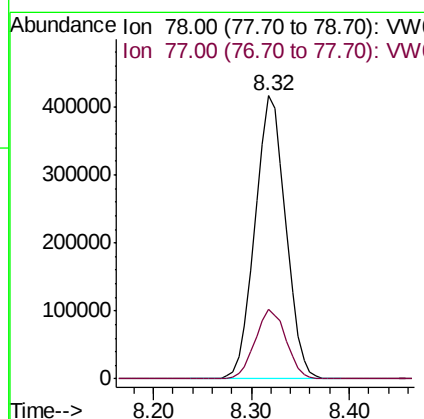
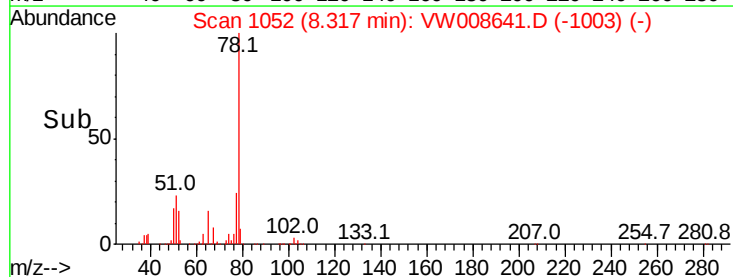
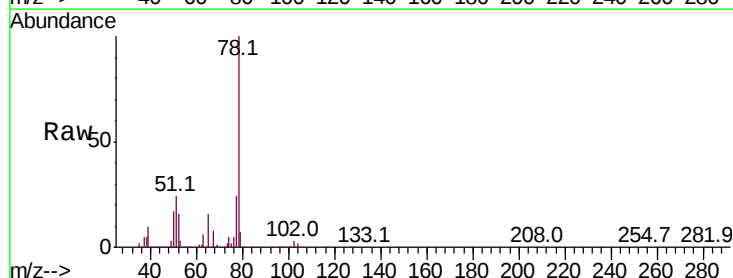
Manual Integrations
APPROVED

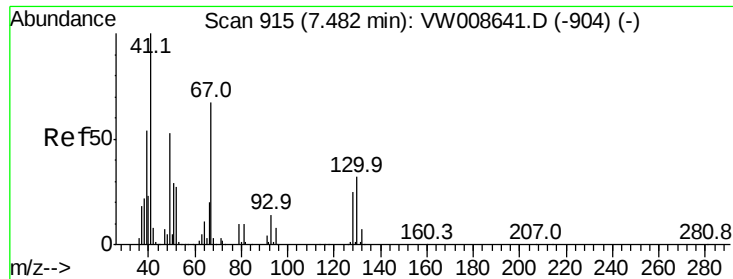
MMDadoda
2/14/2019 2:08:59 PM



#40
Benzene
Concen: 52.124 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





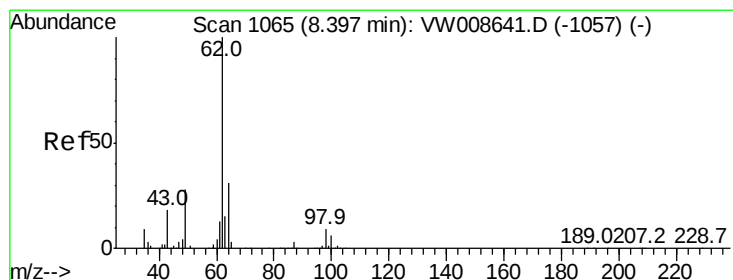
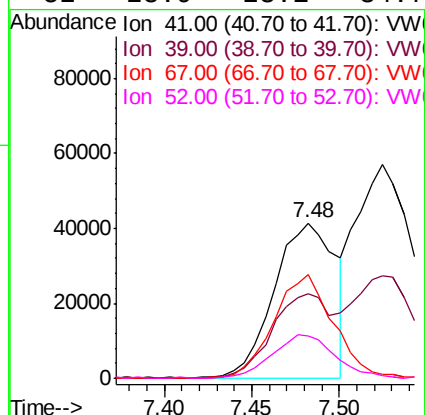
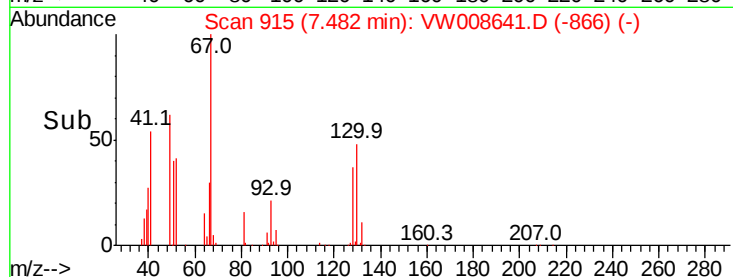
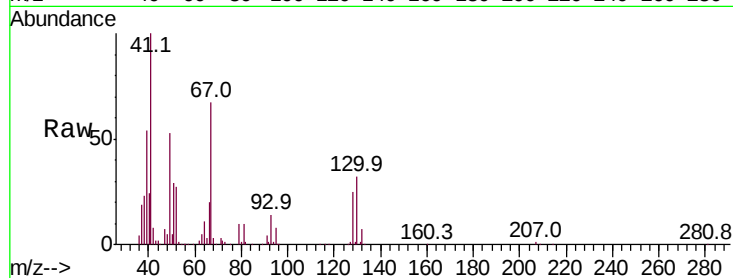
#41
Methacrylonitrile
Concen: 58.566 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	49.6	39.7	59.5
67	65.6	52.5	78.7
52	28.9	23.1	34.7

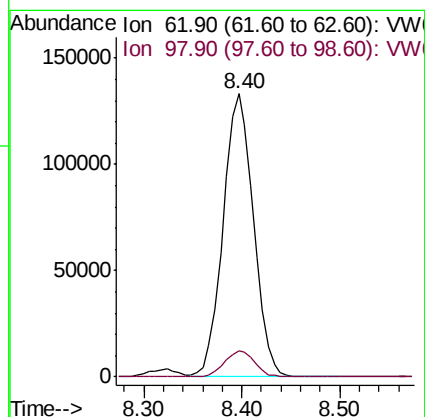
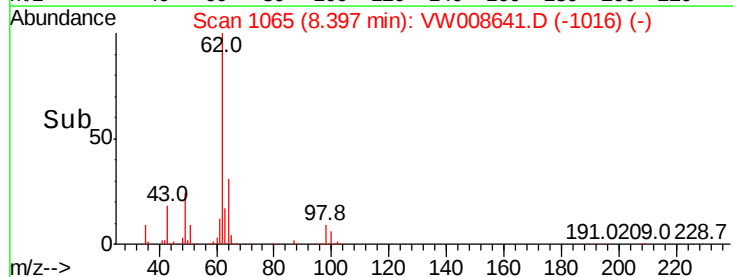
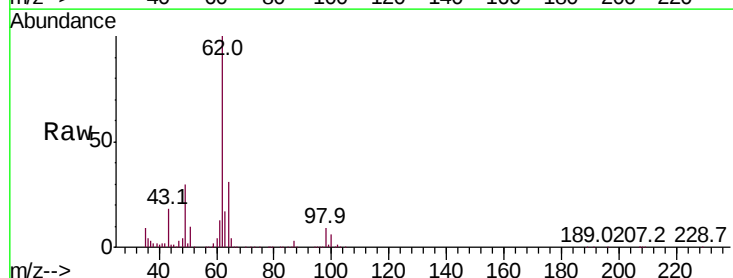
Manual Integrations
APPROVED

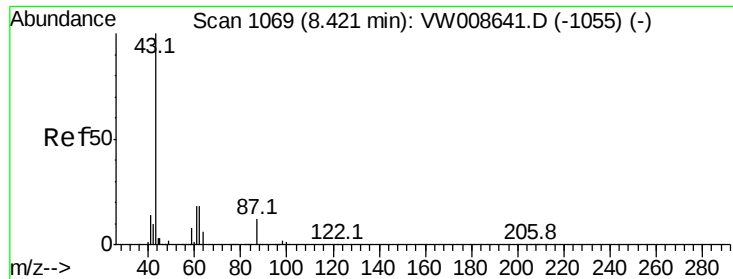
MMDadoda
2/14/2019 2:08:59 PM



#42
1,2-Dichloroethane
Concen: 53.067 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 54.814 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

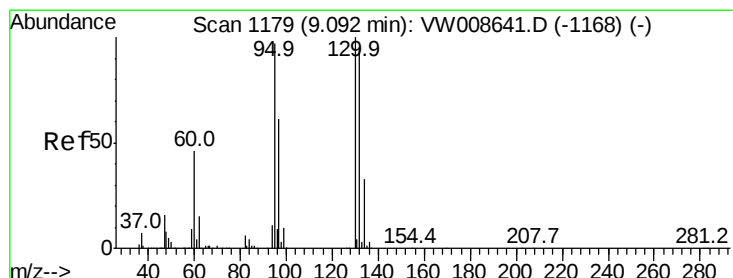
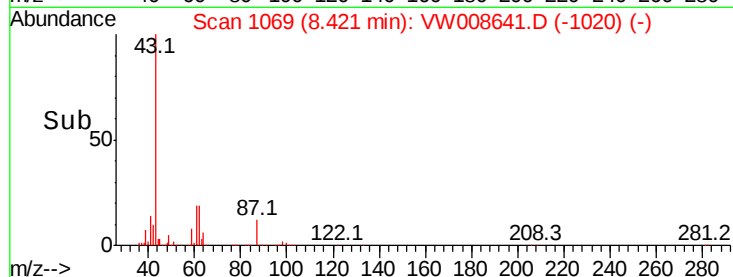
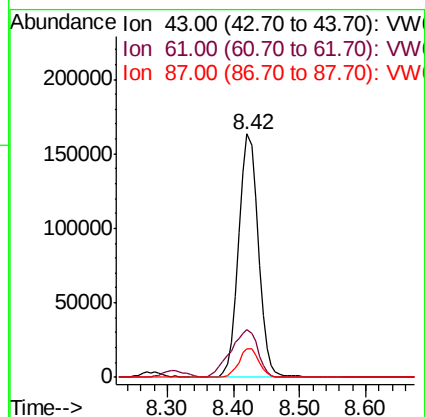
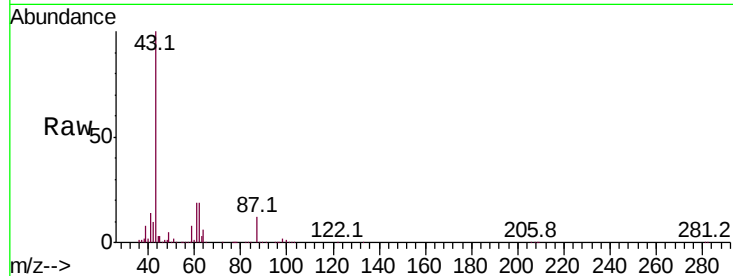
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	335439
Ion	Ratio	Lower	Upper
43	100		
61	26.8	21.4	32.2
87	12.3	9.8	14.8

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#44

Trichloroethene

Concen: 52.468 ug/l

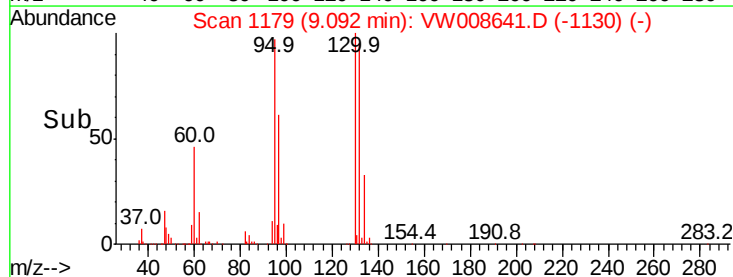
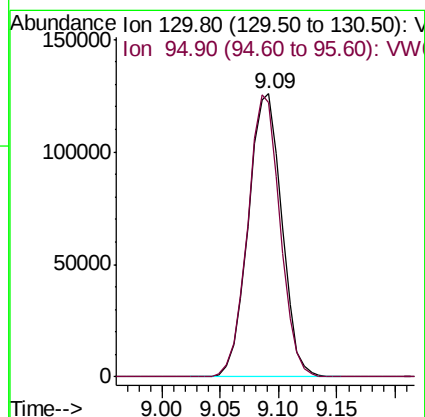
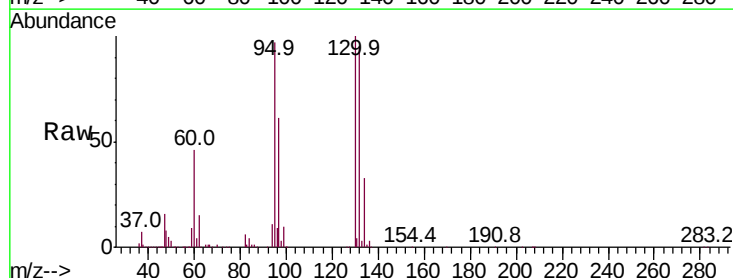
RT: 9.09 min Scan# 1179

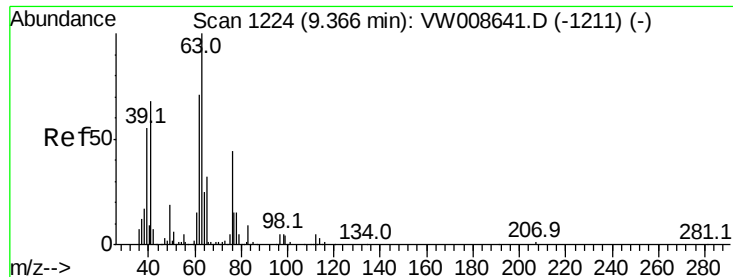
Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion:	130	Resp:	252773
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	193.4





#45

1,2-Dichloropropane

Concen: 52.616 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 226256

Ion Ratio Lower Upper

63 100

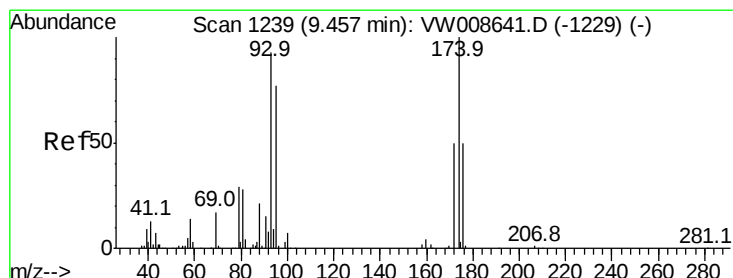
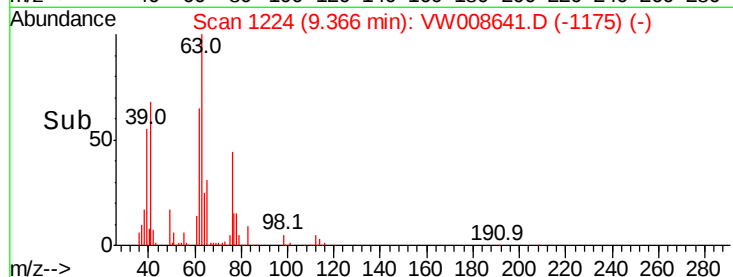
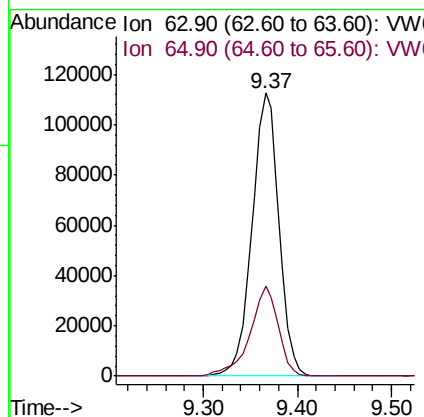
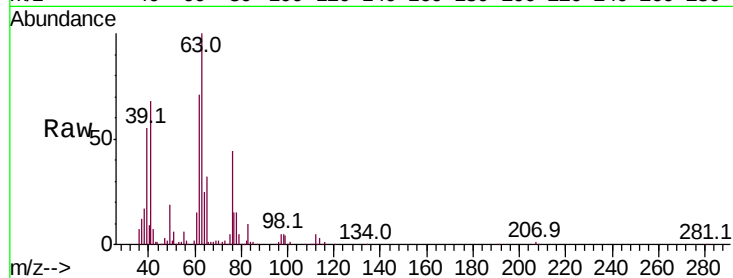
65 31.7 25.4 38.0

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#46

Dibromomethane

Concen: 53.622 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

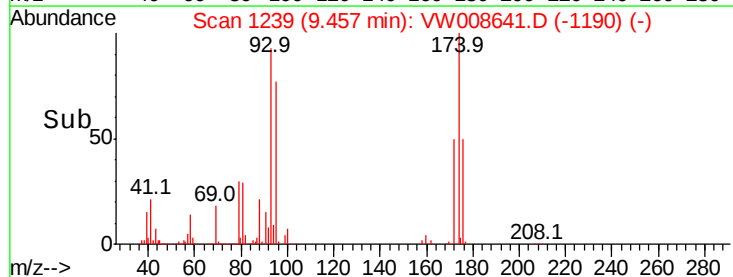
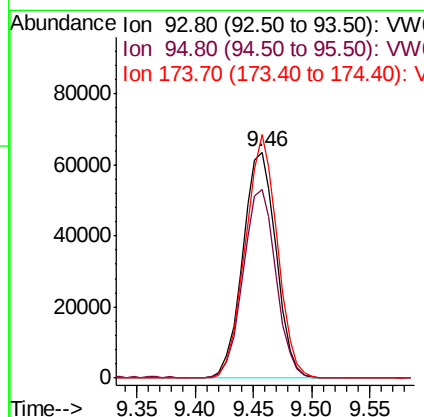
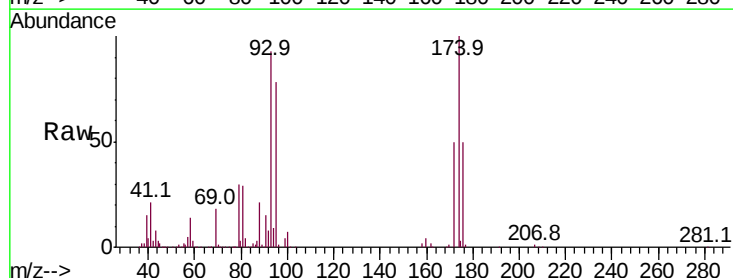
Tgt Ion: 93 Resp: 127018

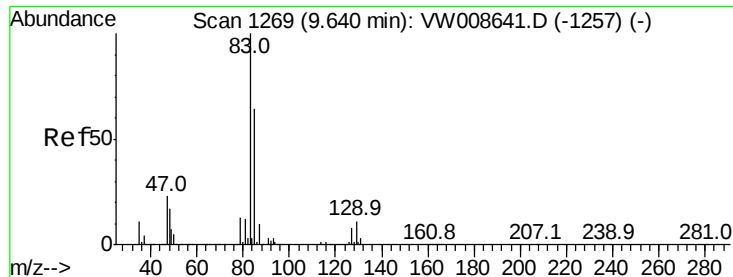
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 103.1 82.5 123.7





#47

Bromodichloromethane

Concen: 53.928 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

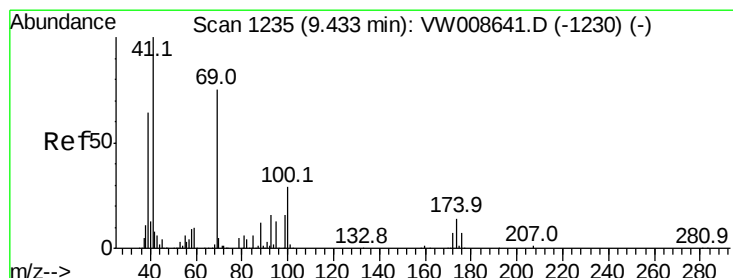
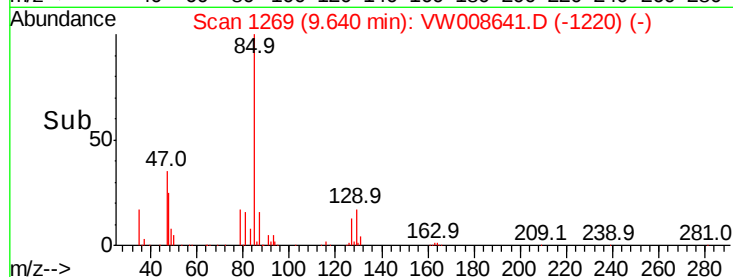
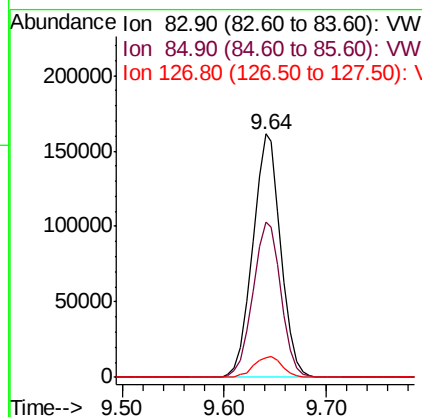
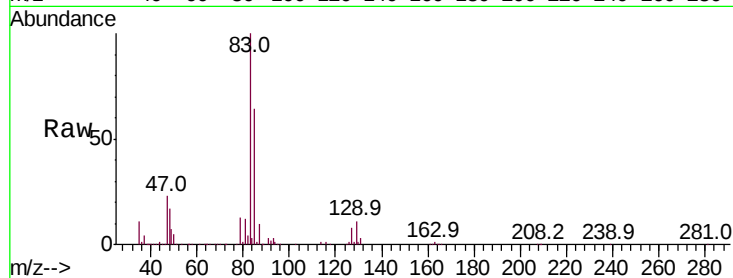
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	307006
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.2	76.8
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.633 ug/l

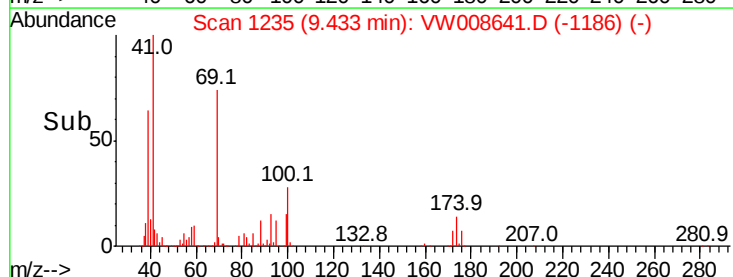
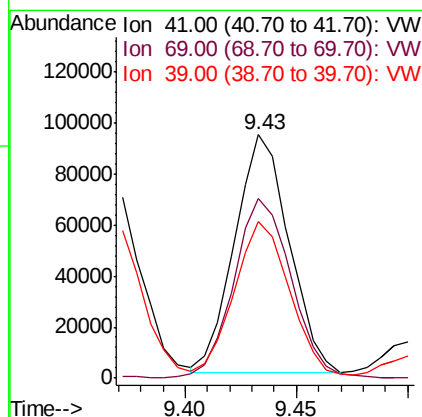
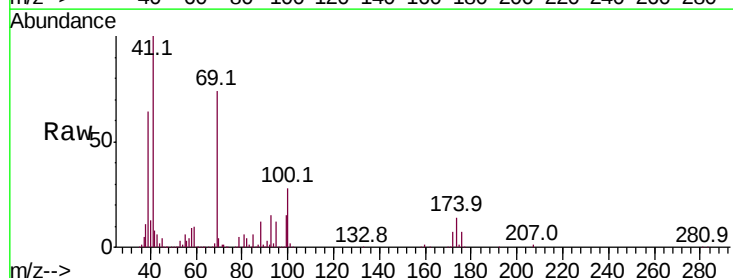
RT: 9.43 min Scan# 1235

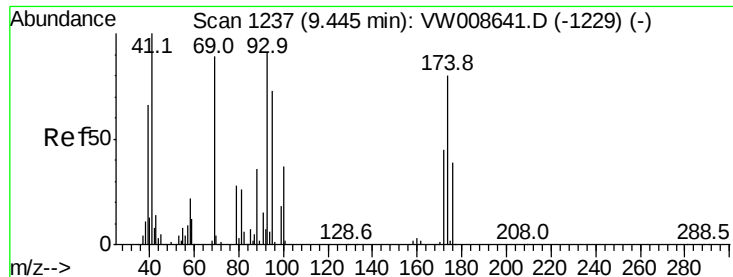
Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion:	41	Resp:	157776
Ion Ratio	Lower	Upper	
41	100		
69	80.1	64.1	96.1
39	65.4	52.3	78.5





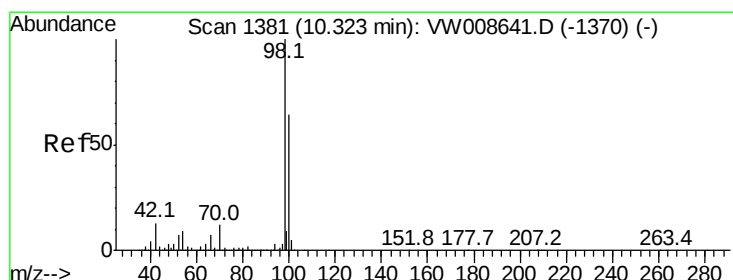
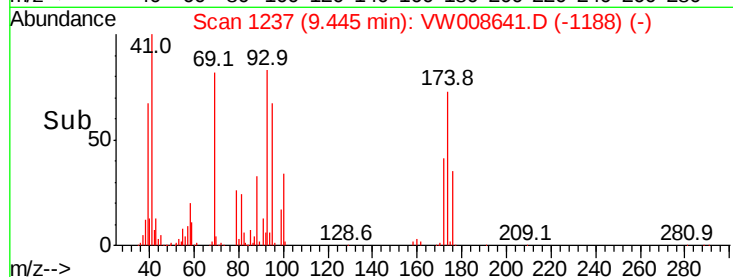
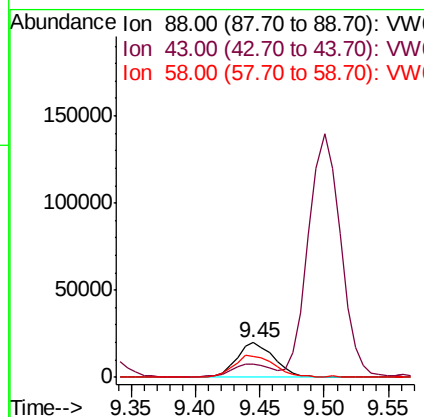
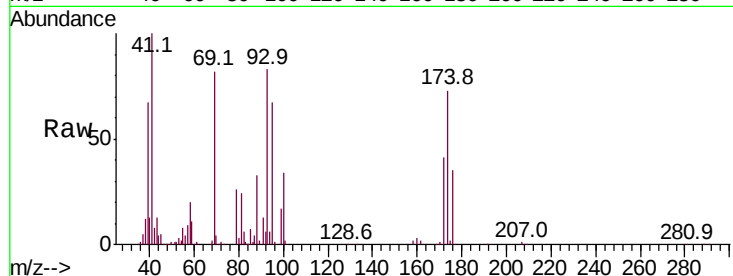
#49
1,4-Dioxane
Concen: 1064.792 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	31.0	46.6
58	71.3	57.0	85.6

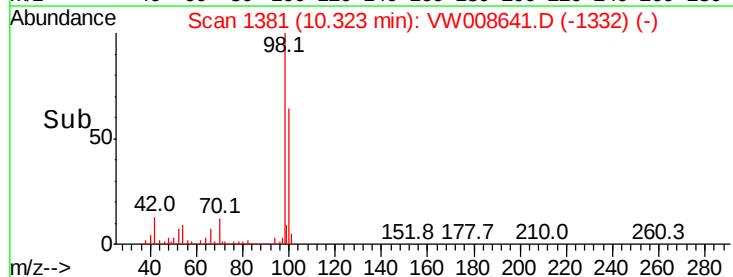
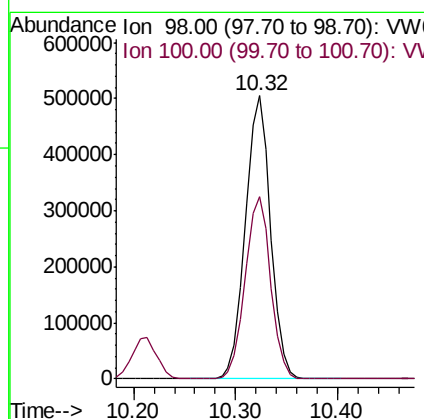
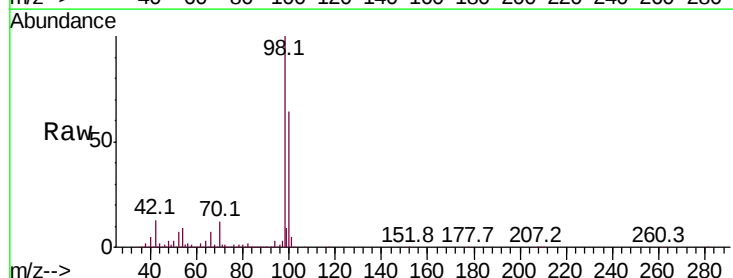
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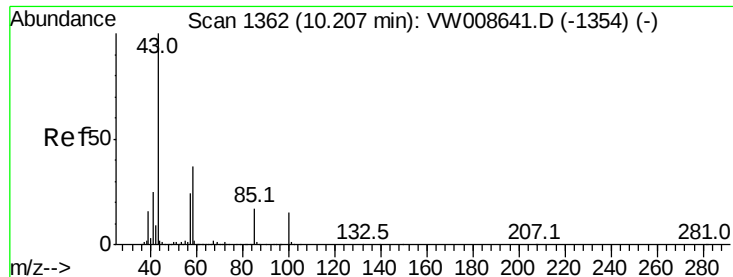
MMDadoda
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#50
Toluene-d8
Concen: 56.889 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 270.446 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 850158

Ion Ratio Lower Upper

43 100

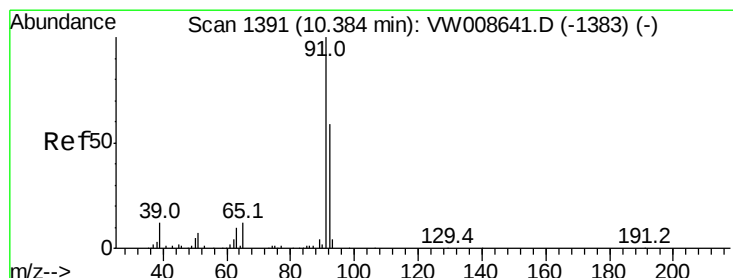
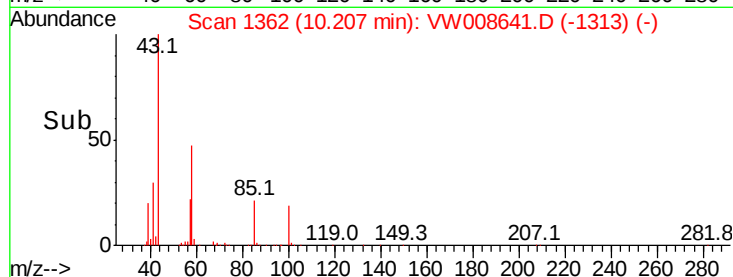
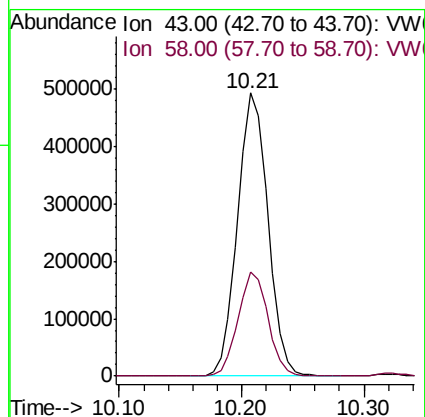
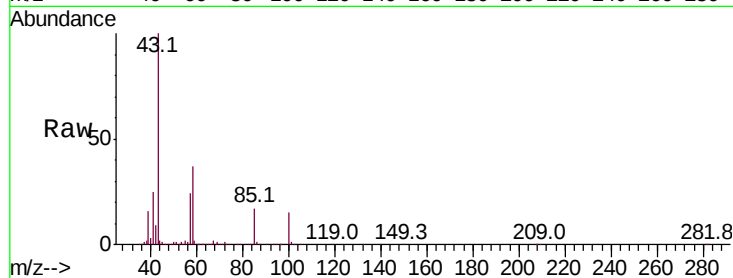
58 36.3 29.0 43.6

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#52

Toluene

Concen: 52.569 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008641.D

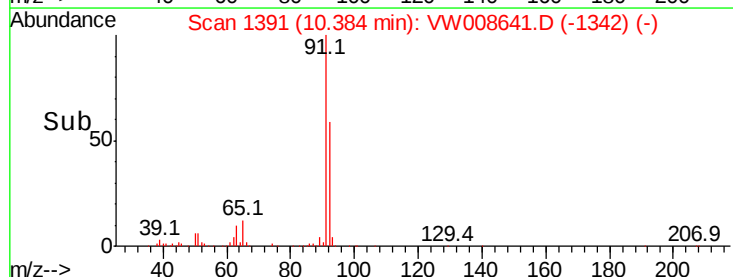
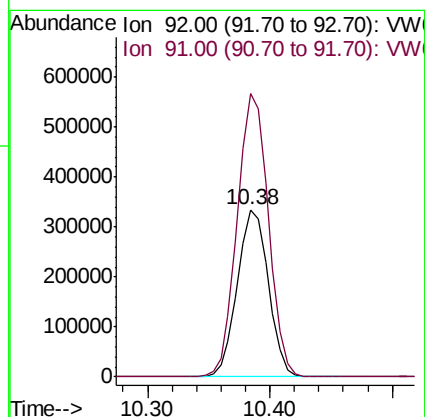
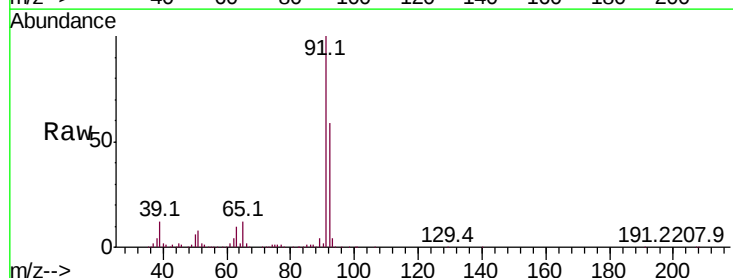
Acq: 13 Feb 2019 15:37

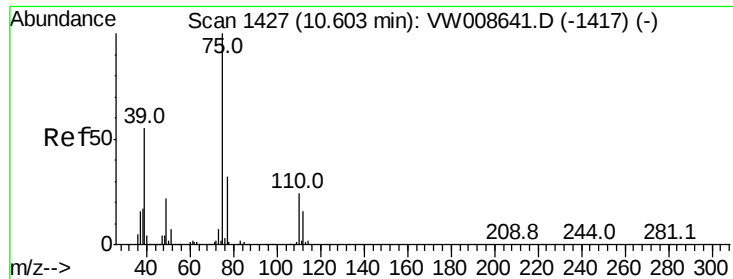
Tgt Ion: 92 Resp: 589263

Ion Ratio Lower Upper

92 100

91 169.7 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 54.113 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 323624

Ion Ratio Lower Upper

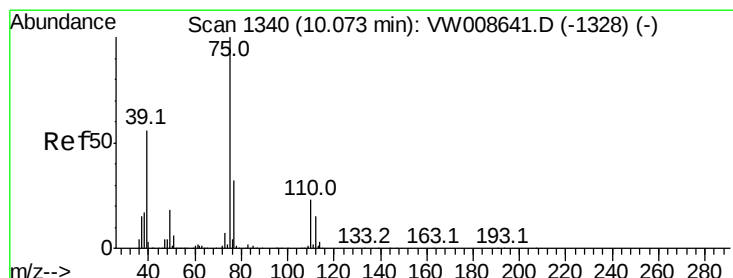
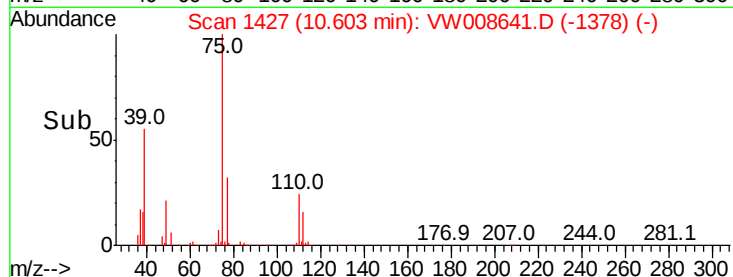
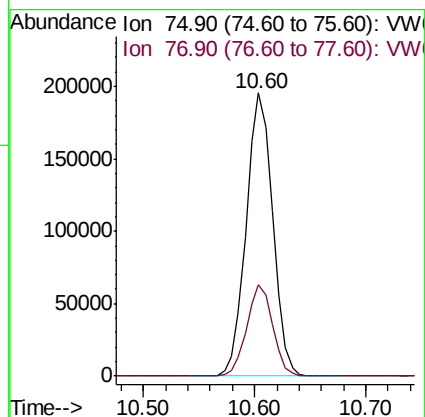
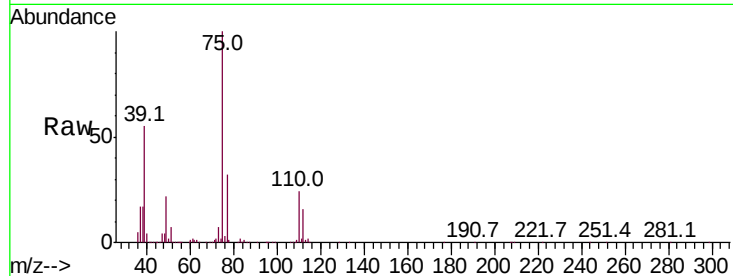
75 100

77 32.1 25.7 38.5

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 54.368 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

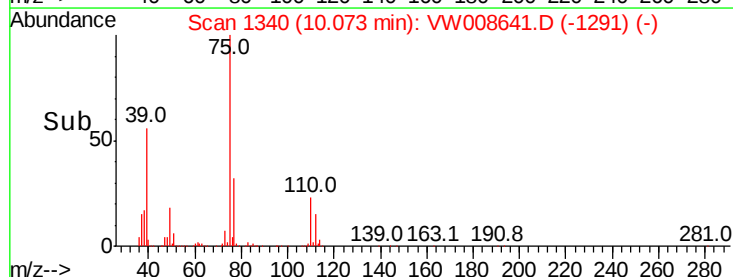
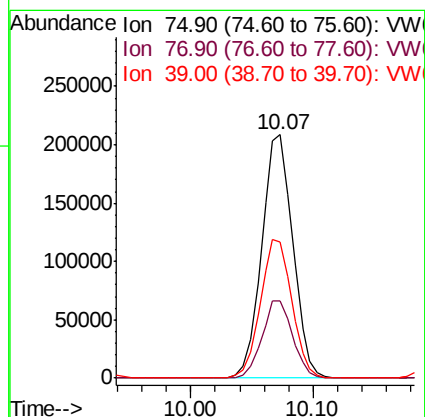
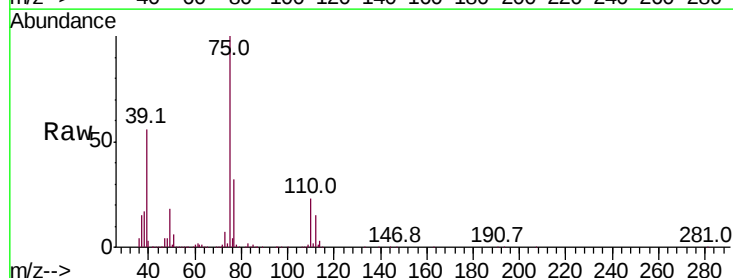
Tgt Ion: 75 Resp: 368592

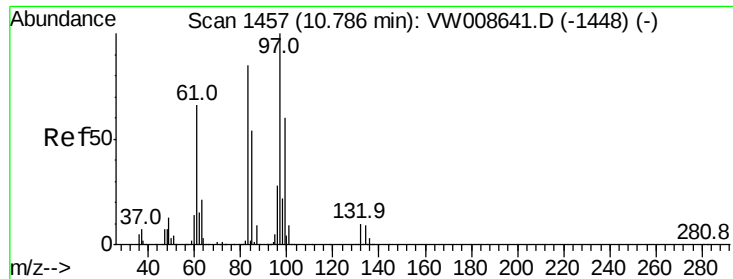
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 55.6 44.5 66.7





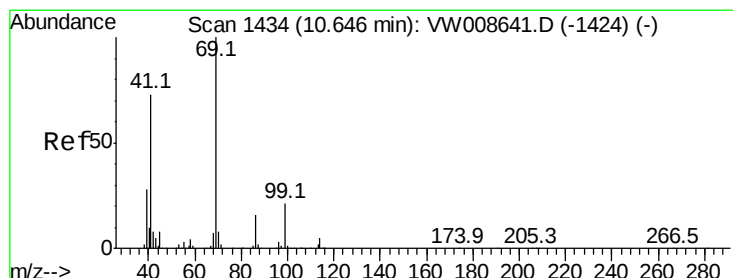
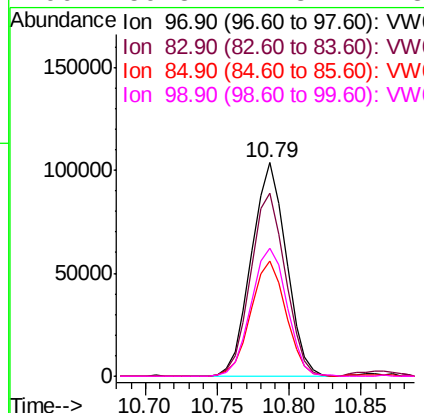
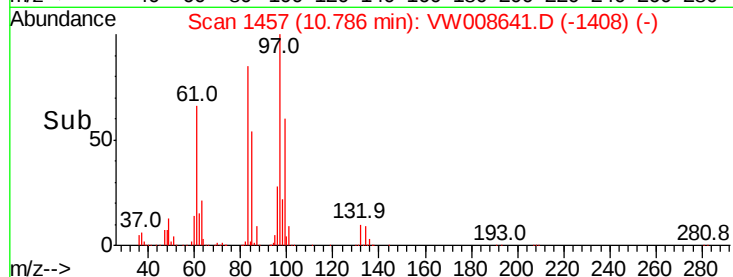
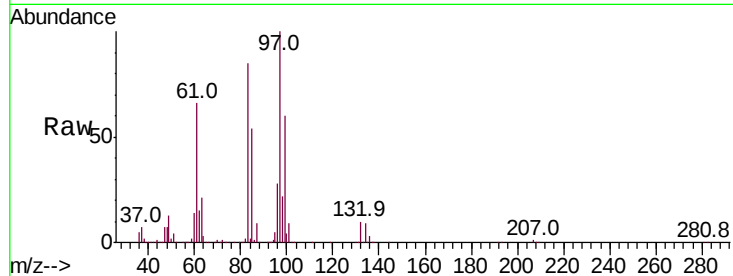
#55
 1,1,2-Trichloroethane
 Concen: 53.578 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008641.D
 Acq: 13 Feb 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		174141		
83	85.5	68.4	102.6		
85	53.9	43.1	64.7		
99	59.8	47.8	71.8		

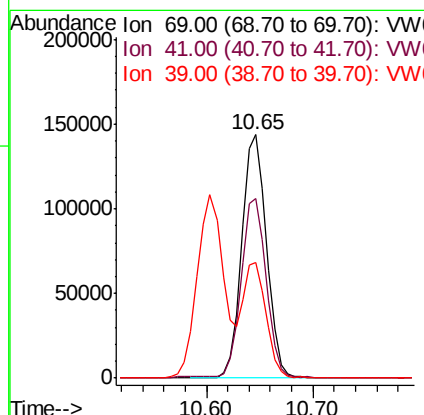
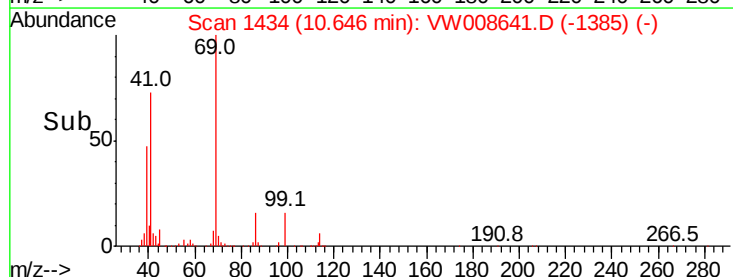
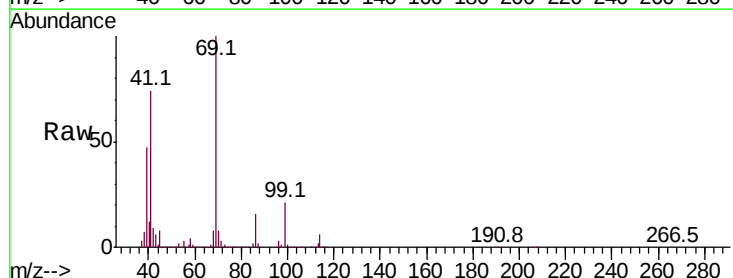
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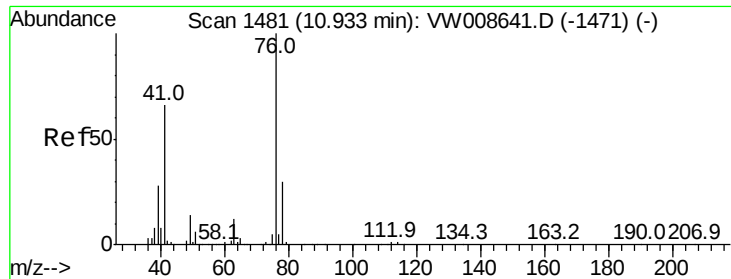
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#56
 Ethyl methacrylate
 Concen: 54.565 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008641.D
 Acq: 13 Feb 2019 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		235496		
41	73.7	59.0	88.4		
39	43.0	34.4	51.6		





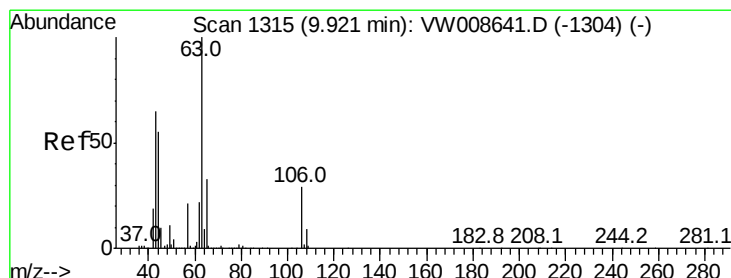
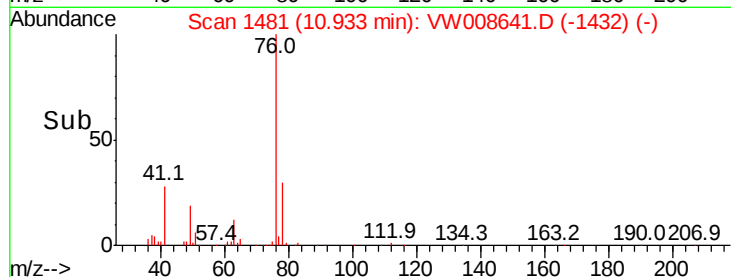
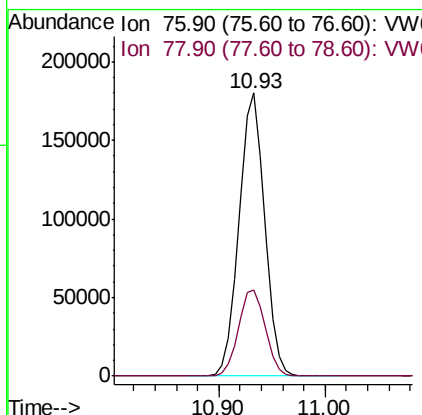
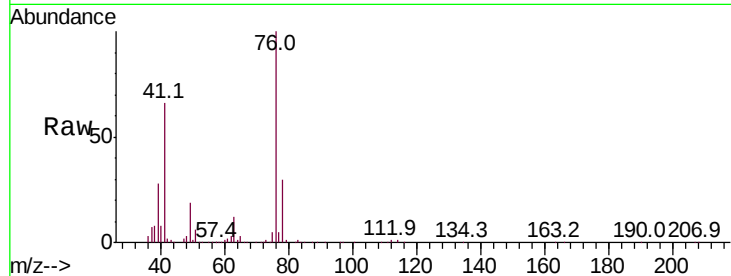
#57
 1,3-Dichloropropane
 Concen: 52.996 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008641.D
 Acq: 13 Feb 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 305614
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.4 38.0

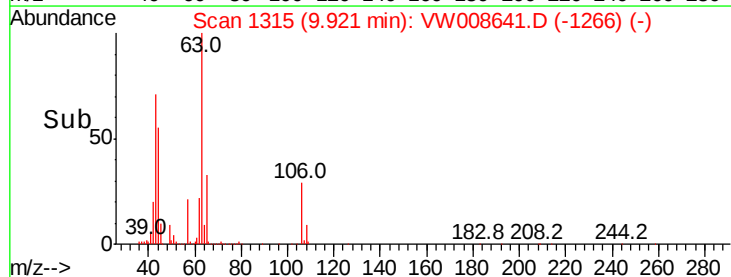
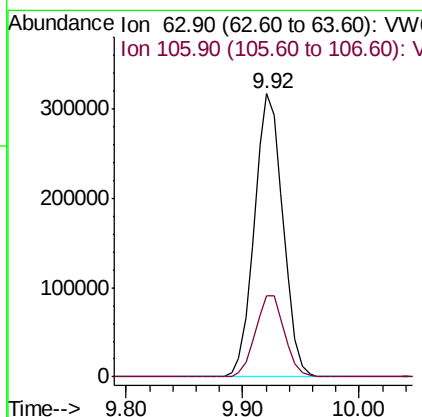
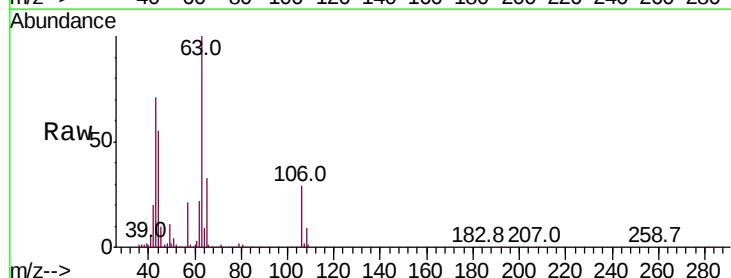
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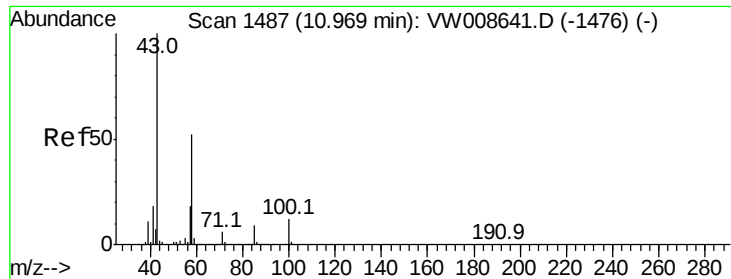
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.214 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW008641.D
 Acq: 13 Feb 2019 15:37

Tgt Ion: 63 Resp: 542874
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.4 35.2





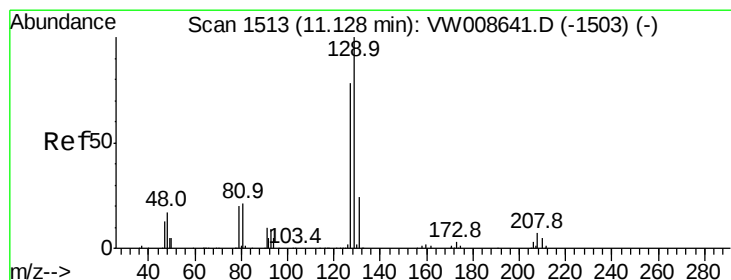
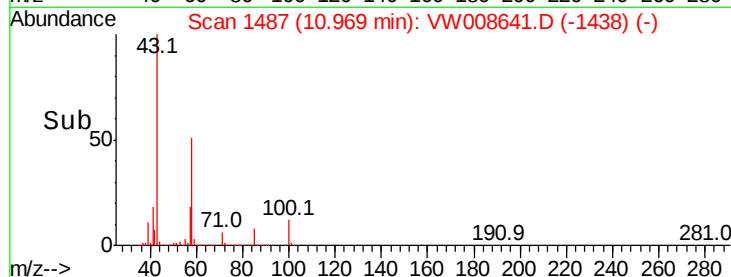
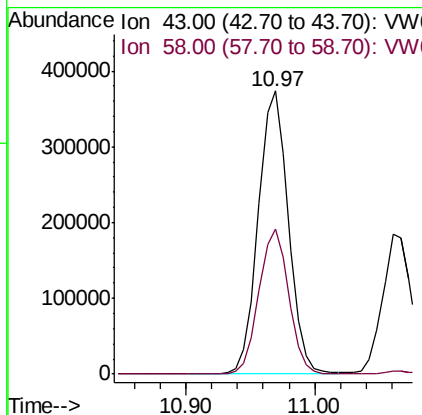
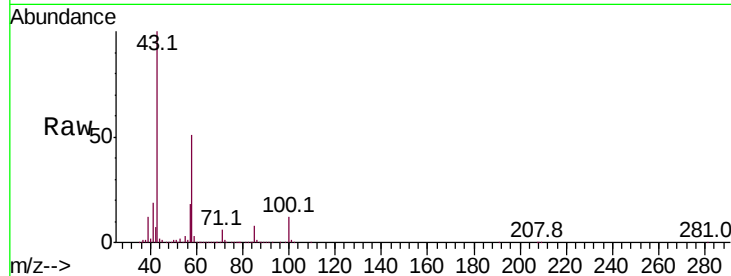
#59
2-Hexanone
Concen: 271.842 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 600318
Ion Ratio Lower Upper
43 100
58 51.1 25.6 76.6

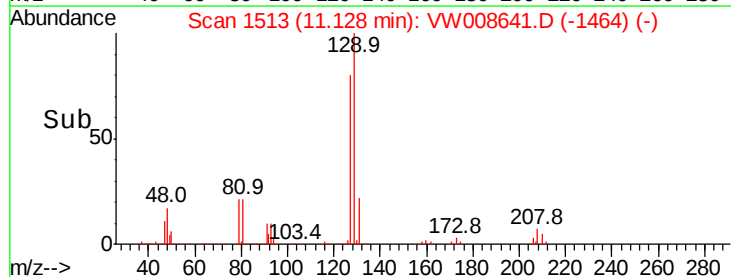
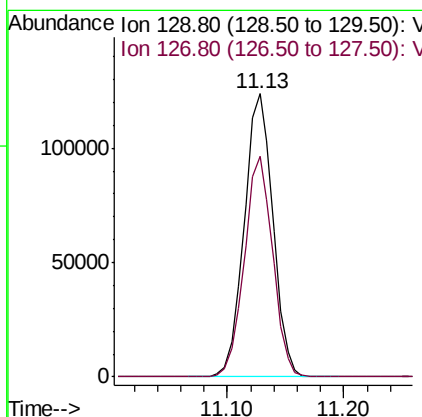
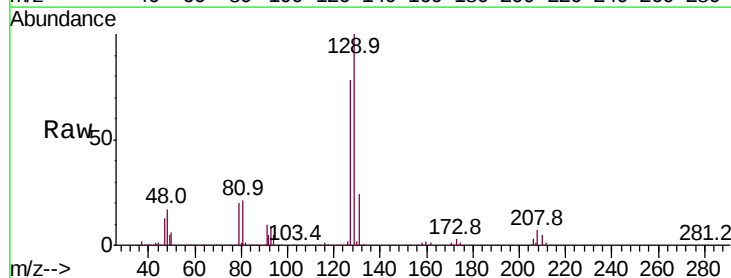
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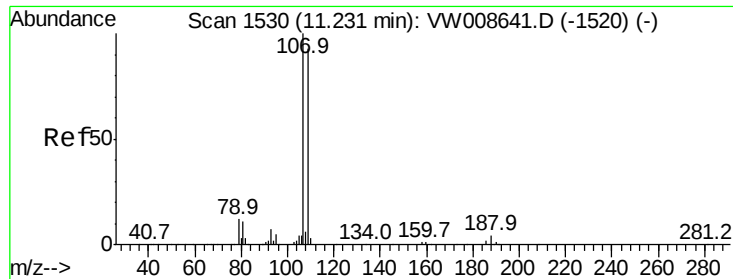
MMDadoda
2/14/2019 2:08:59 PM



#60
Dibromochloromethane
Concen: 54.806 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 129 Resp: 213140
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.892 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 172464

Ion Ratio Lower Upper

107 100

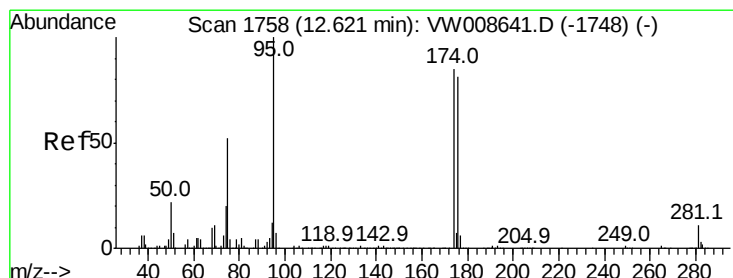
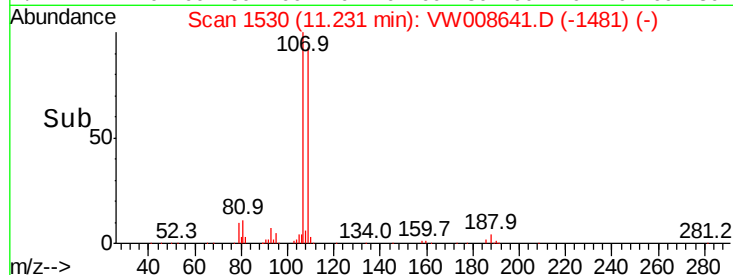
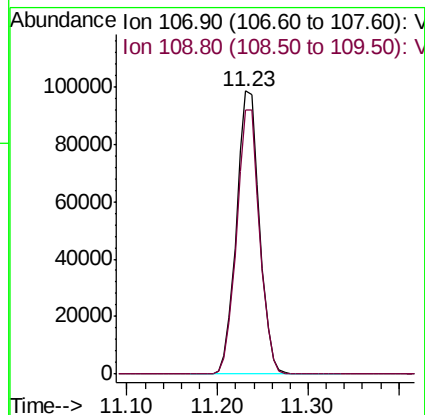
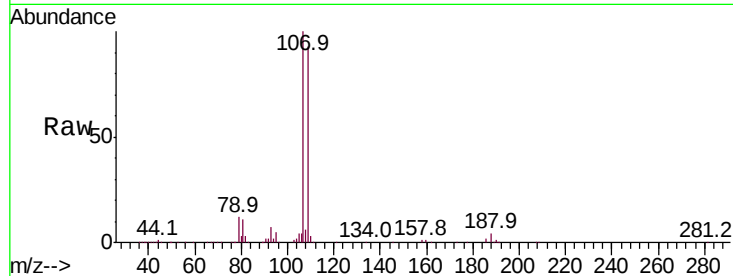
109 93.5 74.8 112.2

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#62

4-Bromofluorobenzene

Concen: 57.133 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

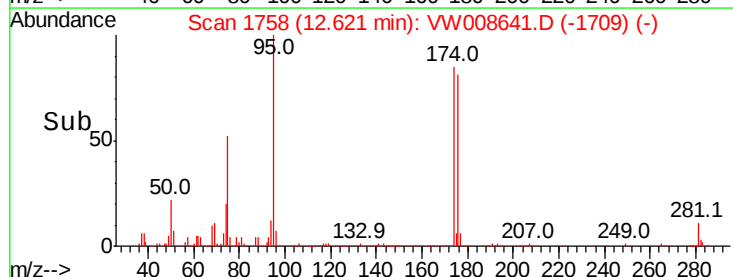
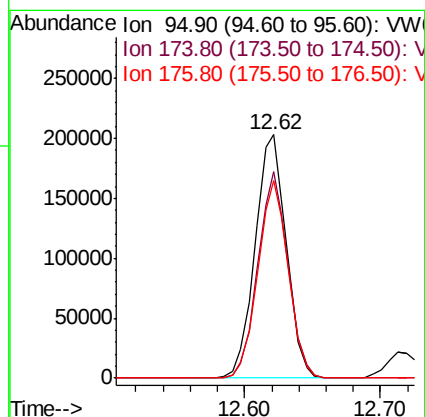
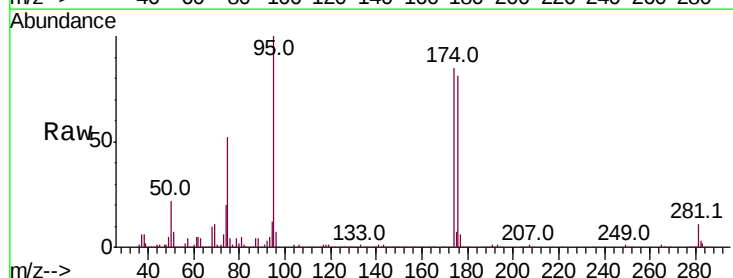
Tgt Ion: 95 Resp: 326191

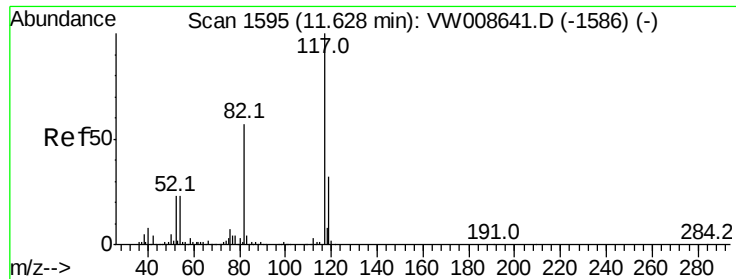
Ion Ratio Lower Upper

95 100

174 81.6 0.0 163.2

176 79.0 0.0 158.0





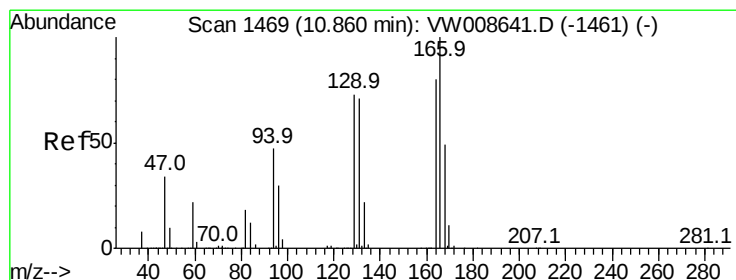
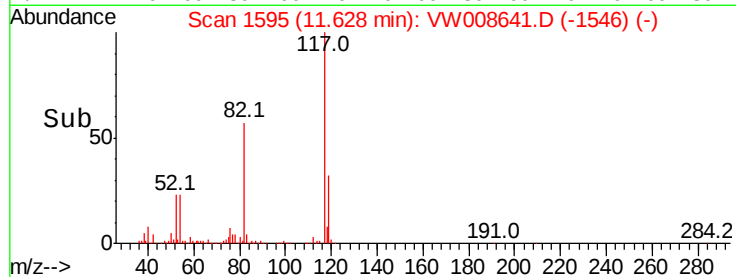
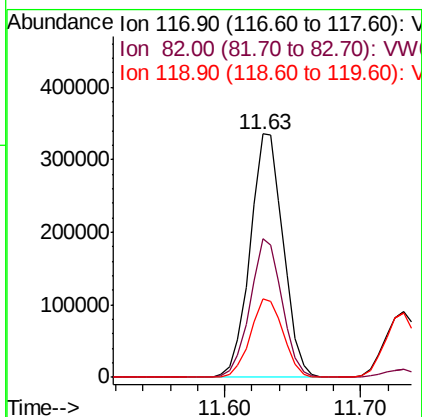
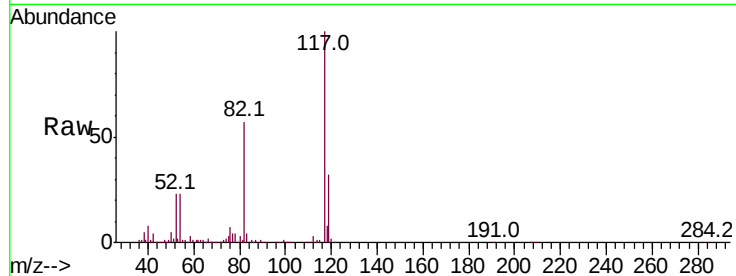
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	571992		
82	57.0		45.6	68.4
119	32.1		25.7	38.5

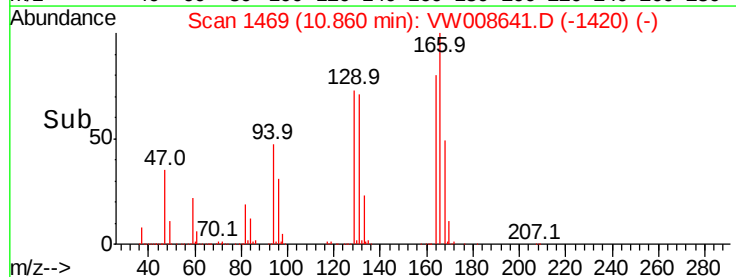
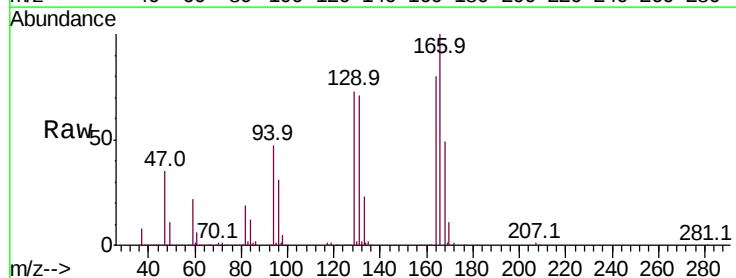
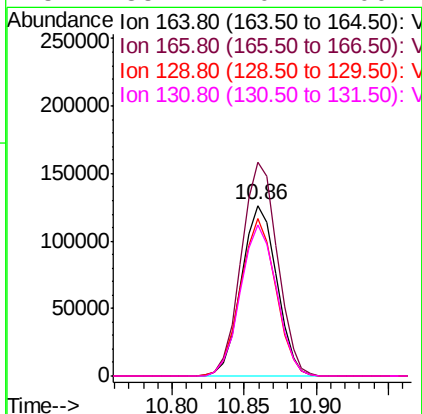
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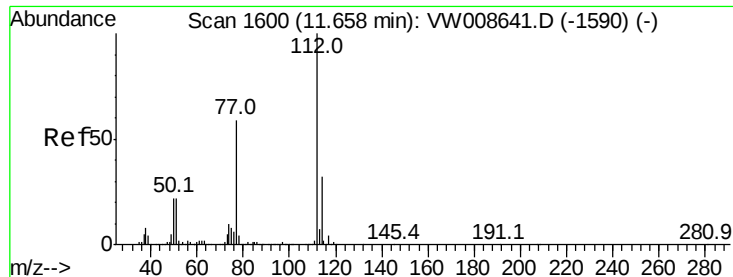
MMDadoda
2/14/2019 2:08:59 PM



#64
Tetrachloroethene
Concen: 50.447 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	214579		
166	125.2		100.2	150.2
129	92.0		73.6	110.4
131	88.4		70.7	106.1





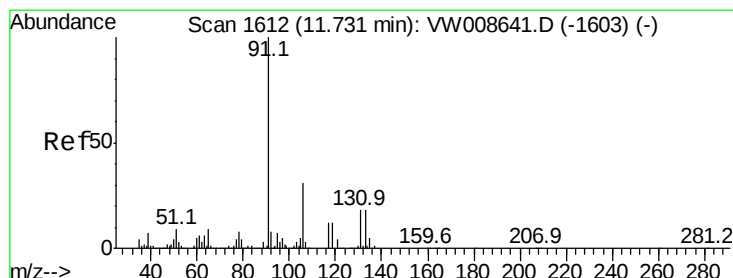
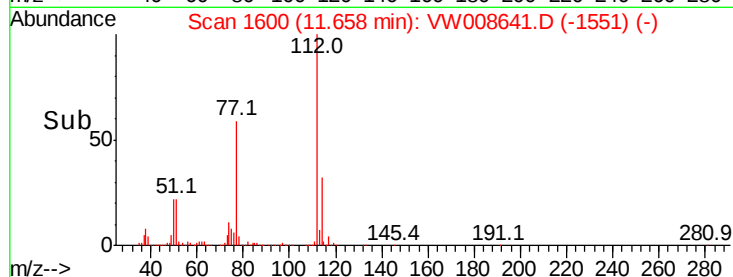
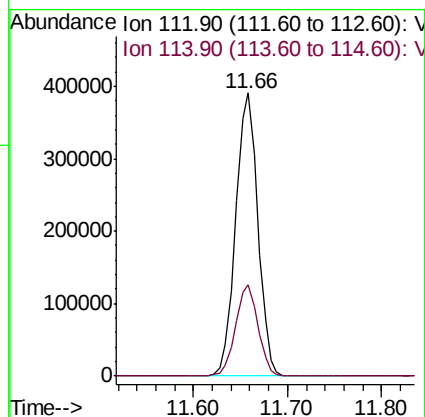
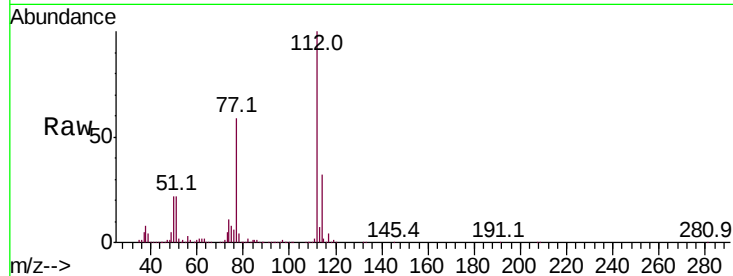
#65
Chlorobenzene
Concen: 51.671 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5

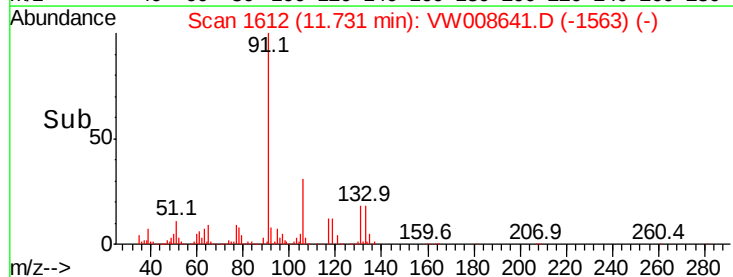
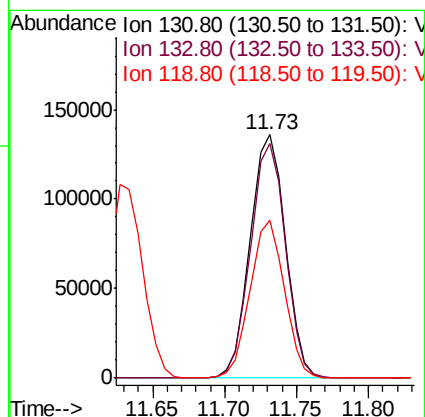
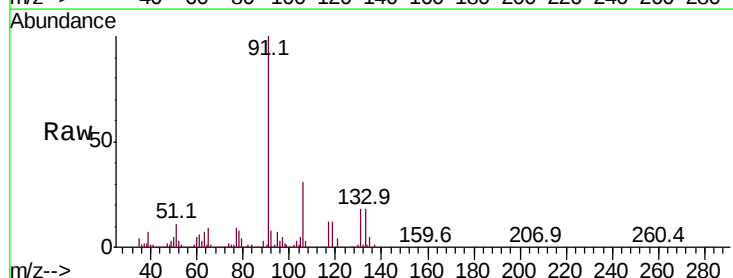
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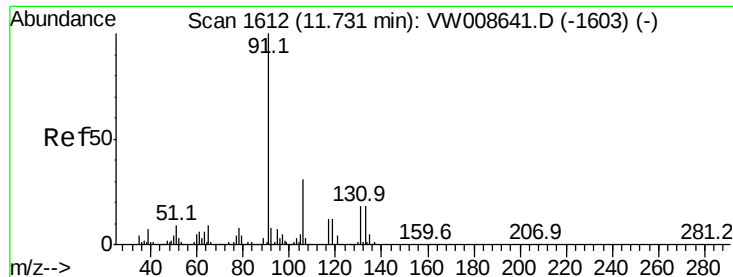
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.696 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.8	143.4
119	63.2	31.6	94.8





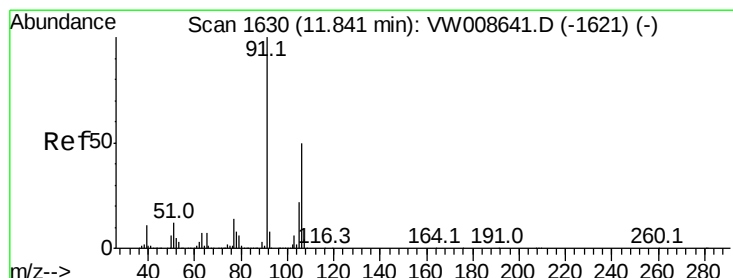
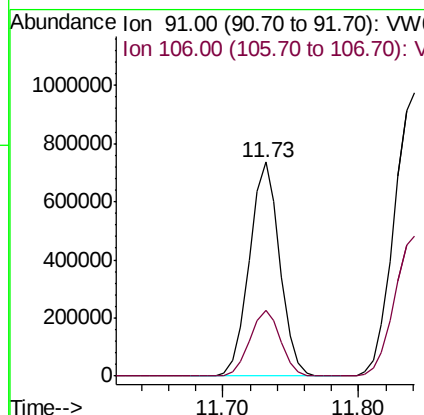
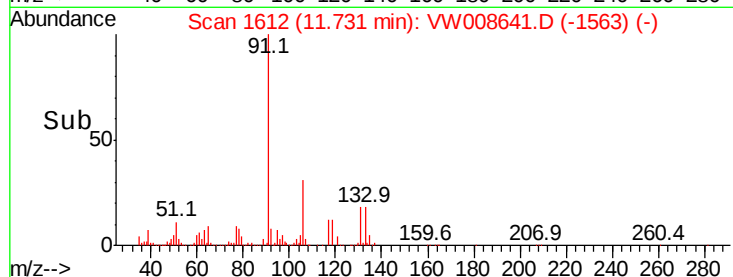
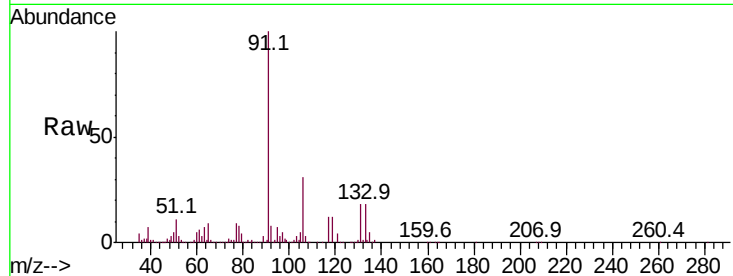
#67
Ethyl Benzene
Concen: 52.398 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 1150700
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

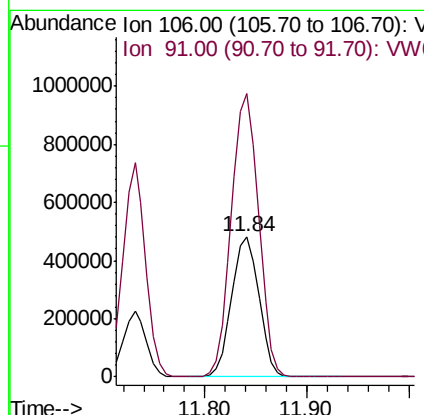
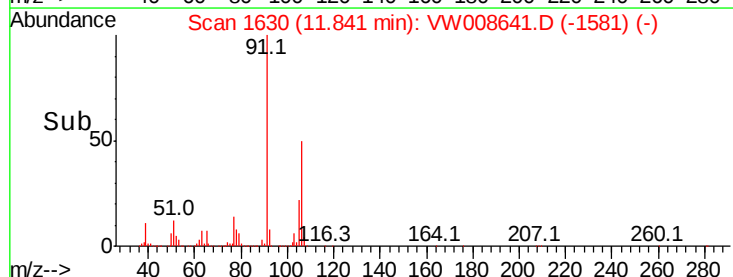
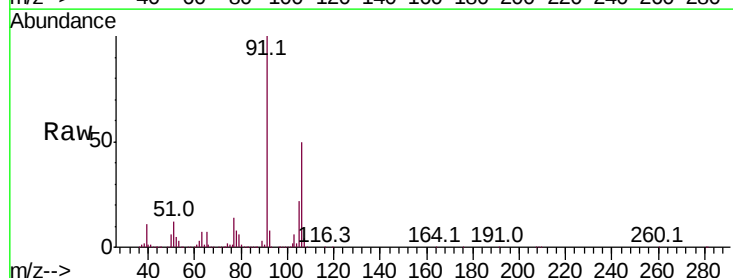
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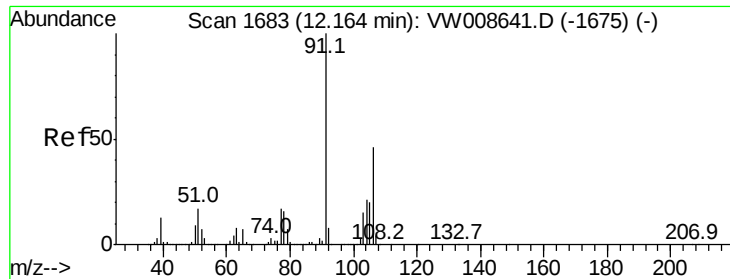
MMDadoda
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#68
m/p-Xylenes
Concen: 104.751 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 106 Resp: 895070
Ion Ratio Lower Upper
106 100
91 201.2 161.0 241.4





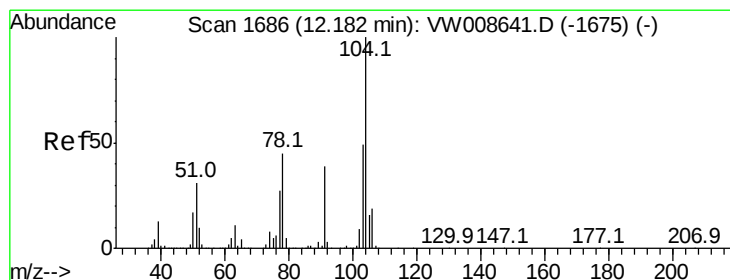
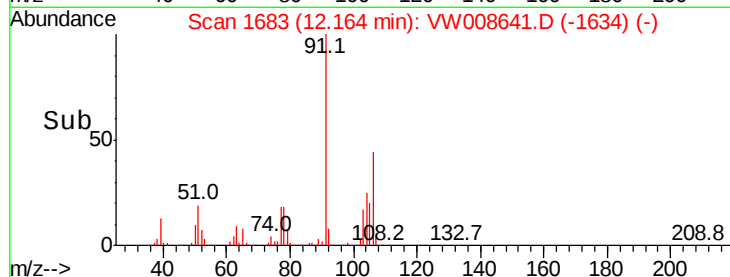
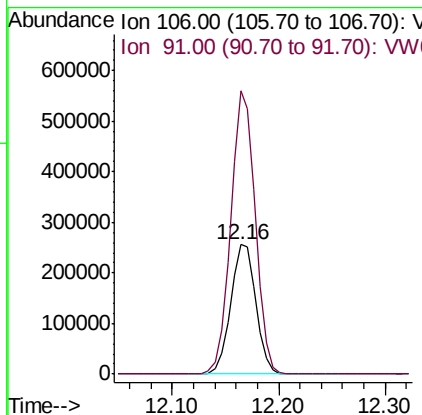
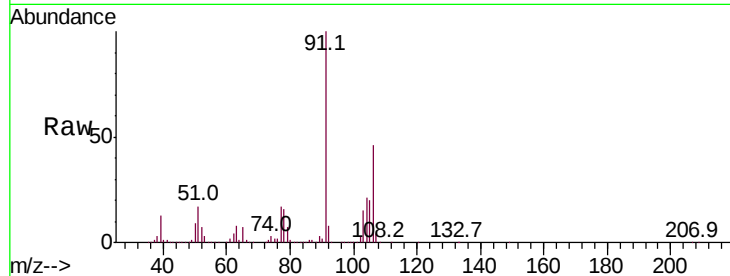
#69
o-Xylene
Concen: 52.330 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 422665
Ion Ratio Lower Upper
106 100
91 213.4 106.7 320.1

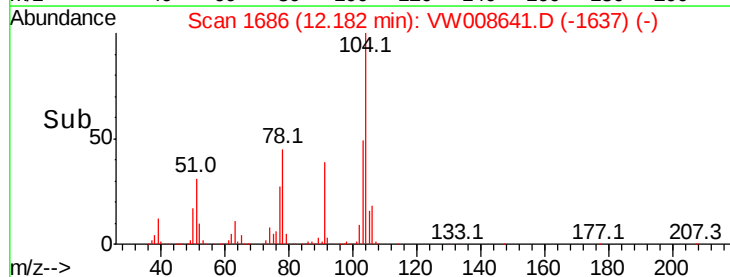
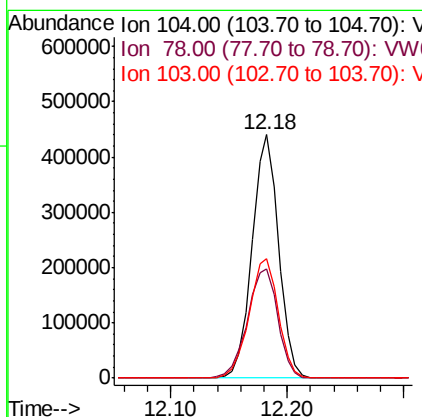
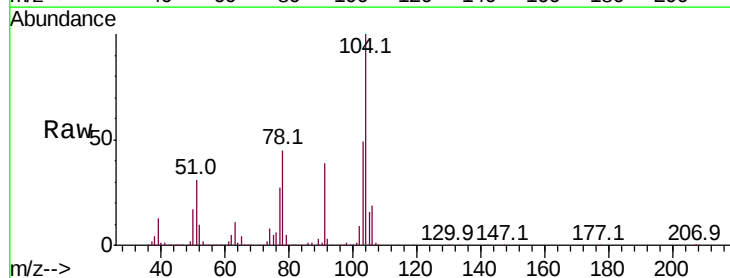
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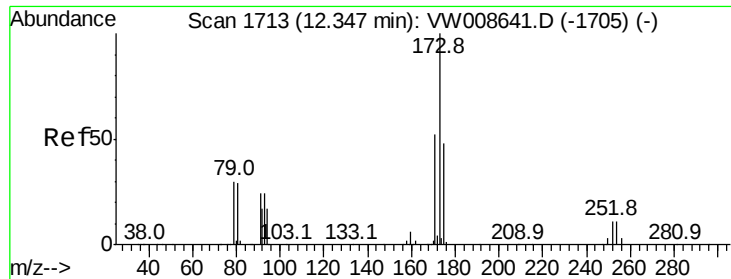
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#70
Styrene
Concen: 52.848 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion:104 Resp: 697189
Ion Ratio Lower Upper
104 100
78 51.9 41.5 62.3
103 54.4 43.5 65.3





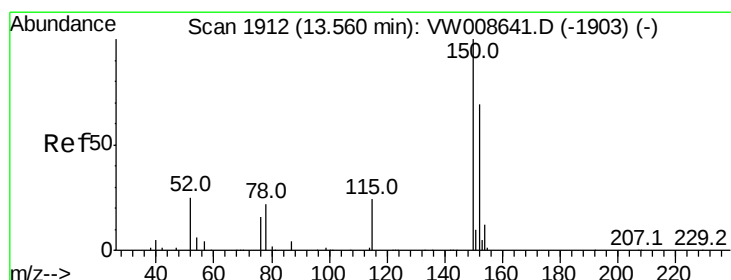
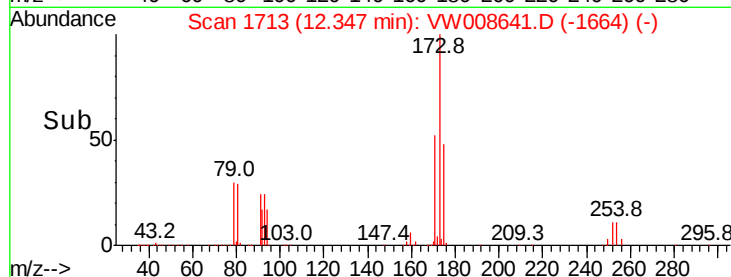
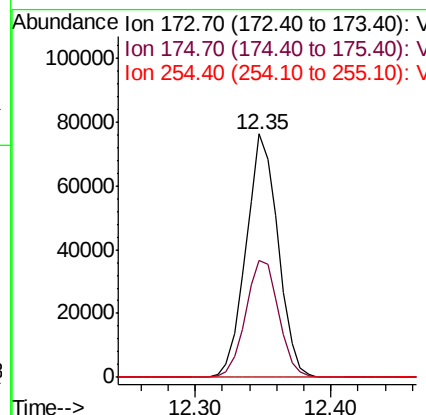
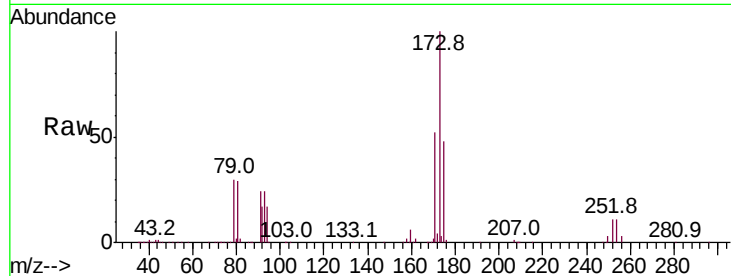
#71
Bromoform
Concen: 53.164 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100			
175	49.8	24.9	74.7	
254	0.1	0.1	0.1	

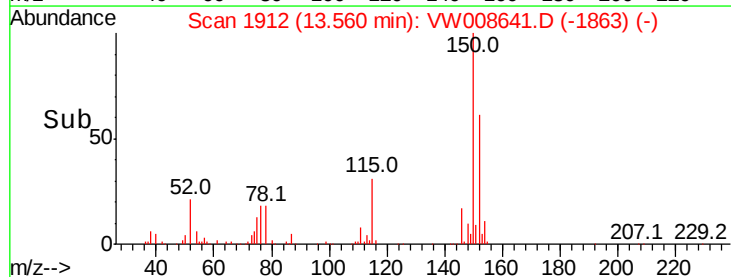
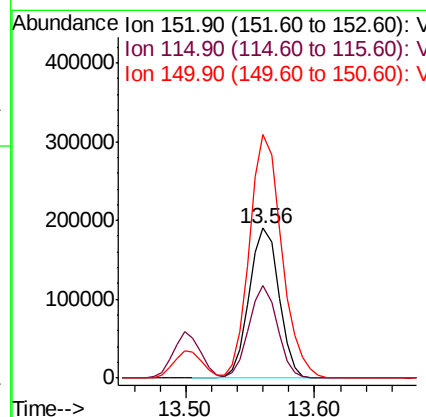
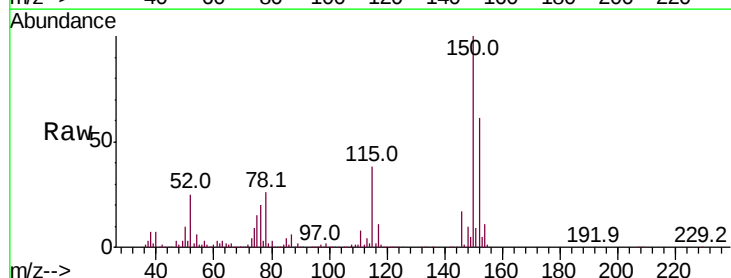
Manual Integrations
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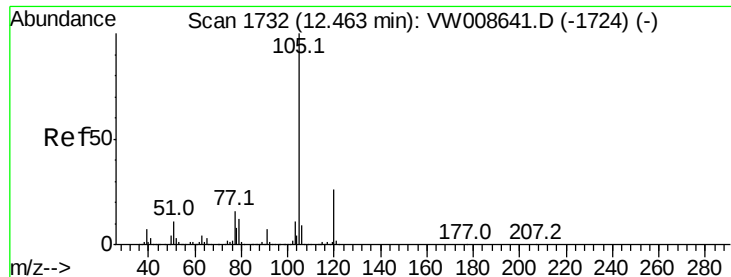
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	58.5	29.3	87.8	
150	176.4	0.0	352.8	





#73

Isopropylbenzene

Concen: 51.880 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1168380

Ion Ratio Lower Upper

105 100

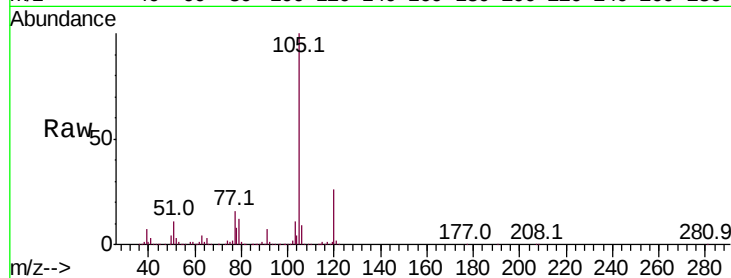
120 26.4 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

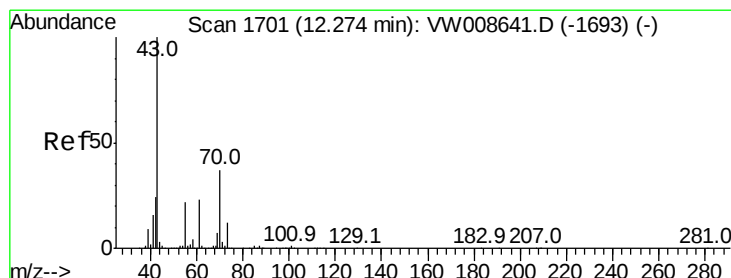
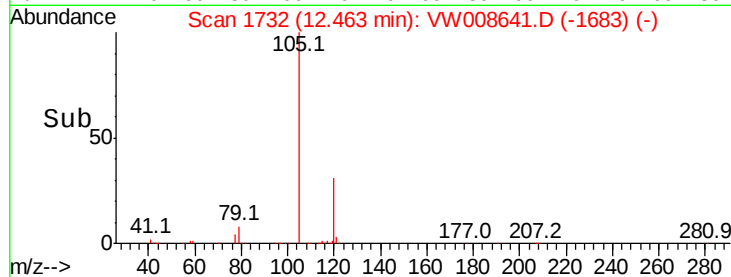
0

12.40

12.46

12.50

Time-->



#74

N-ethyl acetate

Concen: 54.102 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion: 43 Resp: 329481

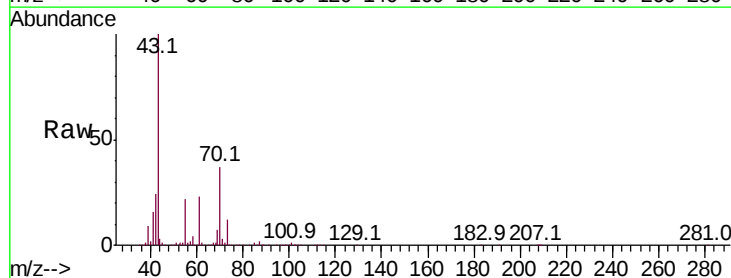
Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 22.0 17.6 26.4

61 22.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

300000

200000

100000

0

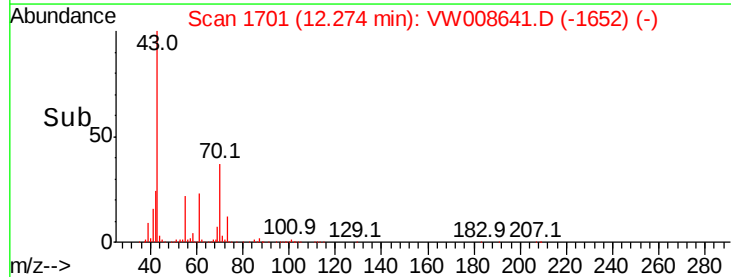
12.20

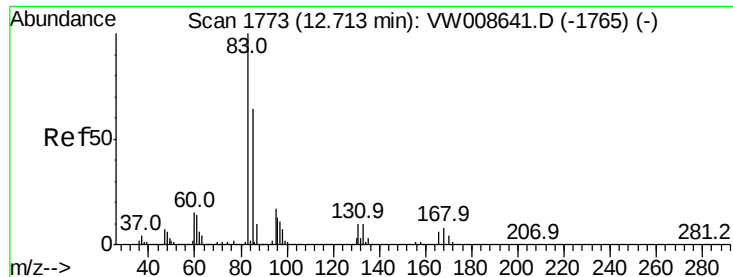
12.27

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.225 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

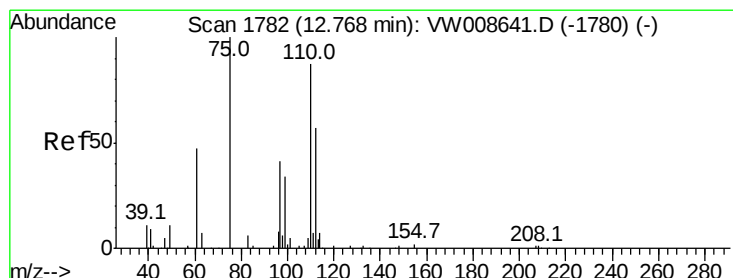
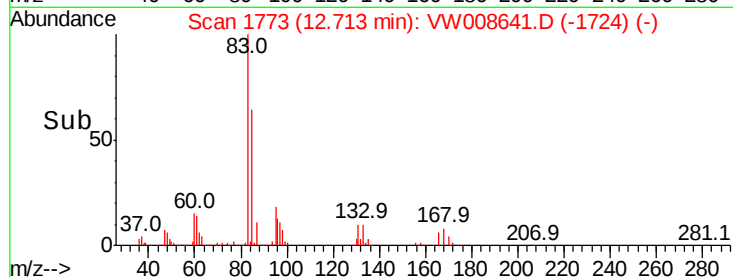
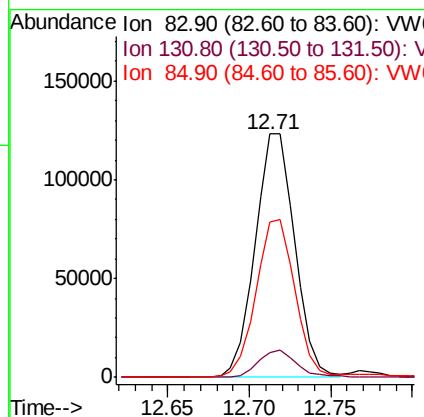
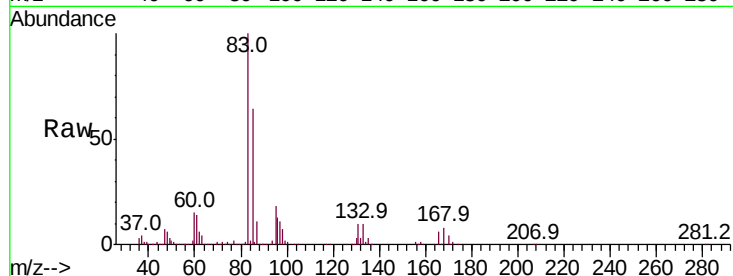
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	208550
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.7
85	63.5	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 41.237 ug/l m

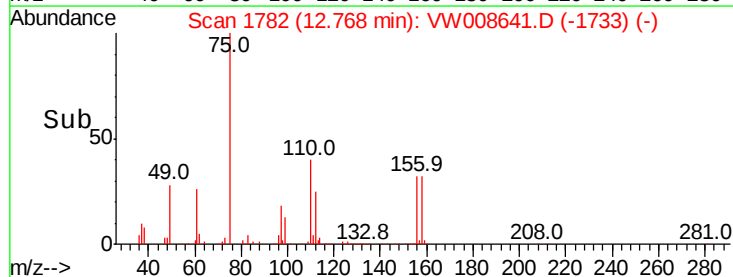
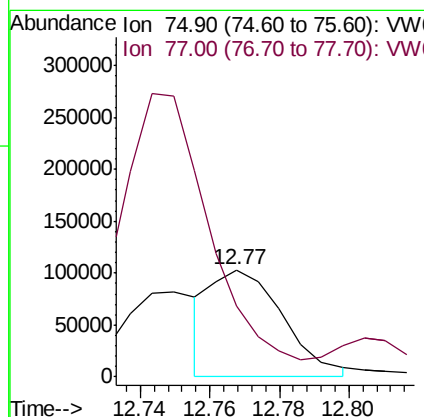
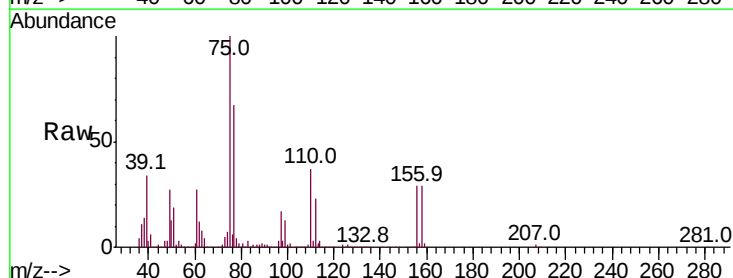
RT: 12.77 min Scan# 1782

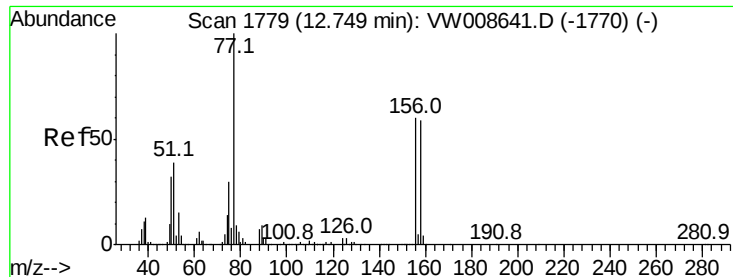
Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion:	75	Resp:	148805
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.849 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

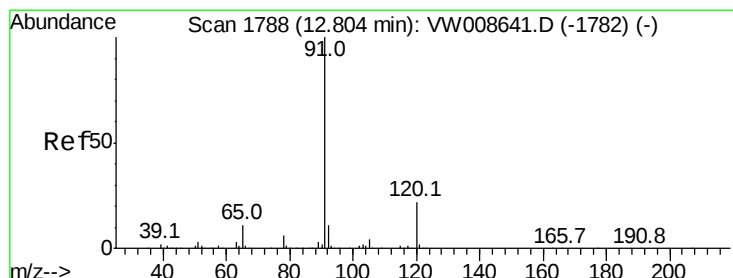
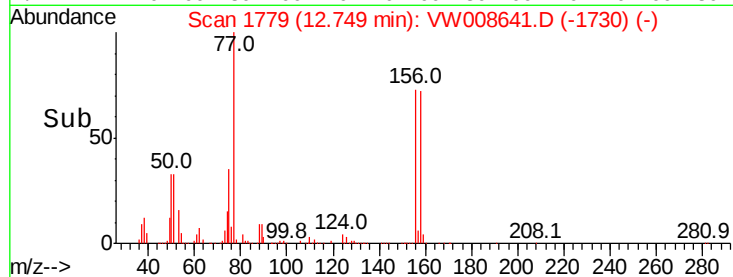
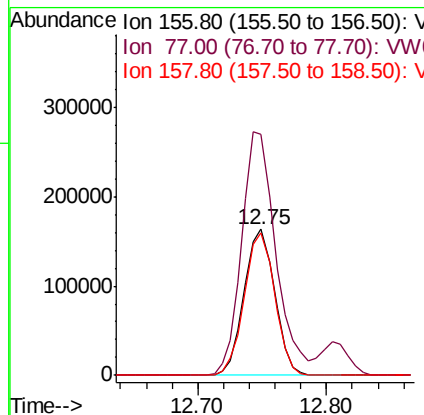
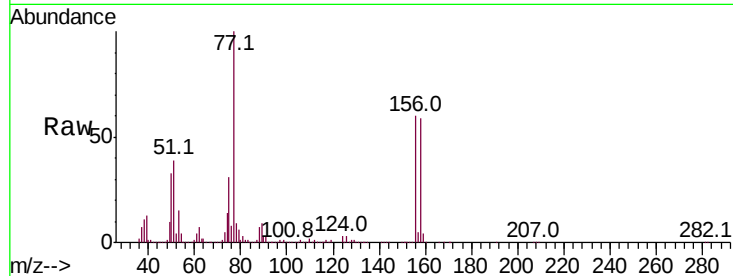
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	186.3	93.2	279.5
158	97.0	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 52.451 ug/l

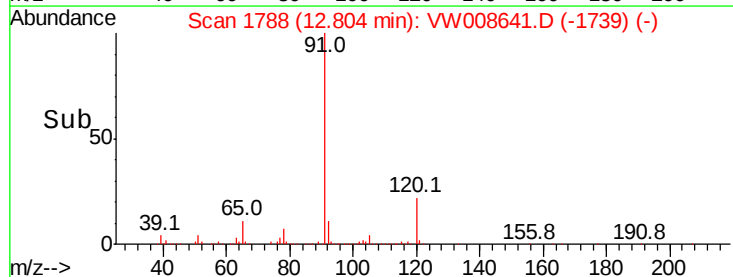
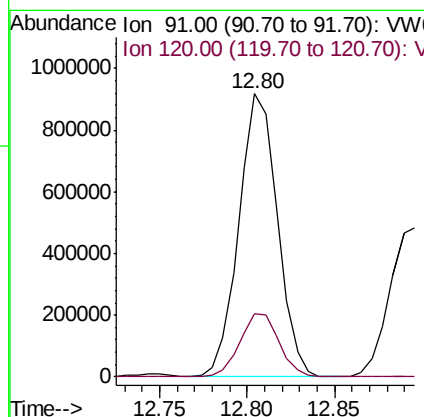
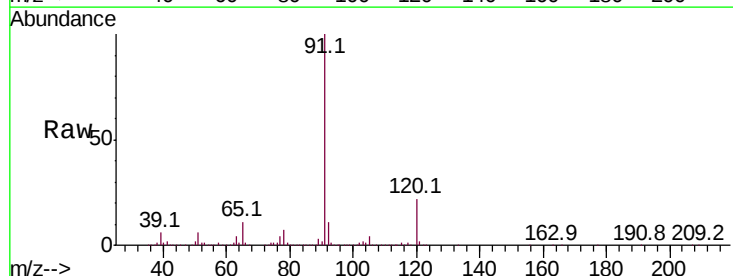
RT: 12.80 min Scan# 1788

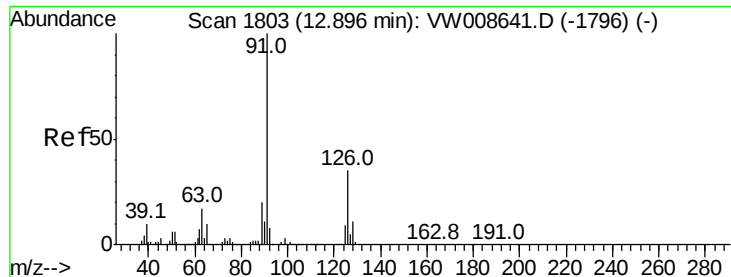
Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.2





#79

2-Chlorotoluene

Concen: 52.125 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 788286

Ion Ratio Lower Upper

91 100

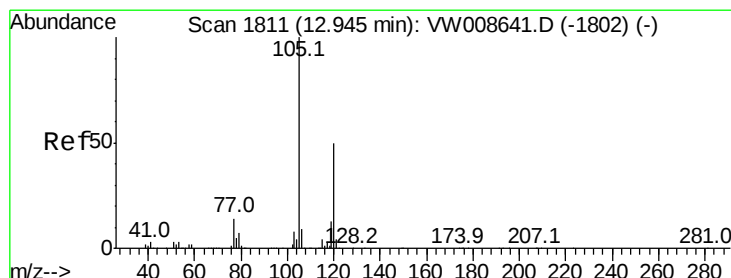
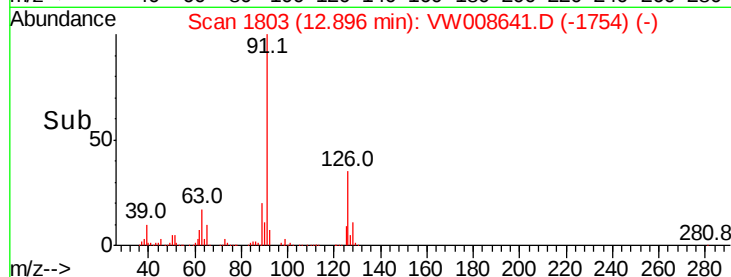
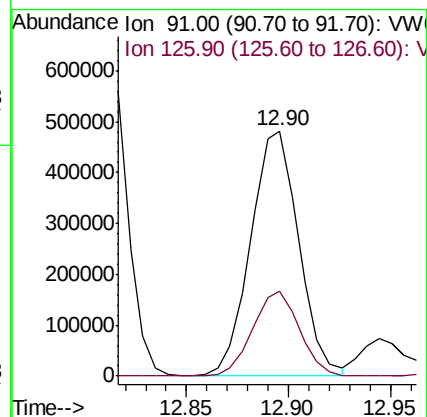
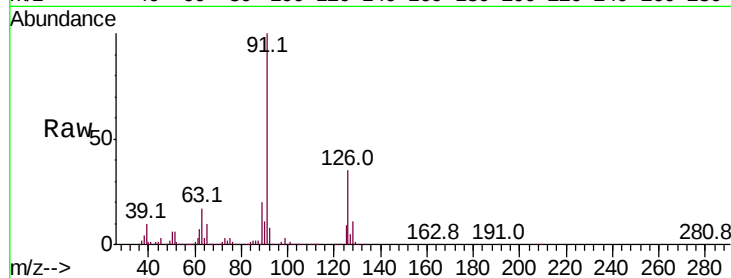
126 33.9 17.0 50.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.598 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008641.D

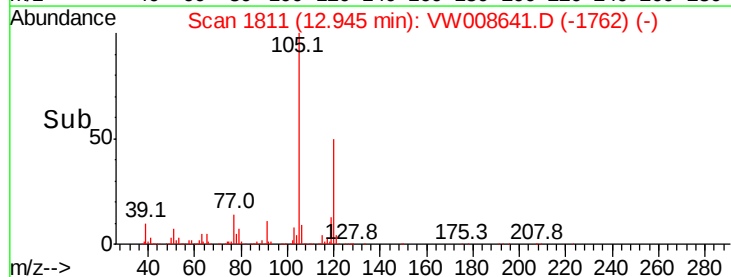
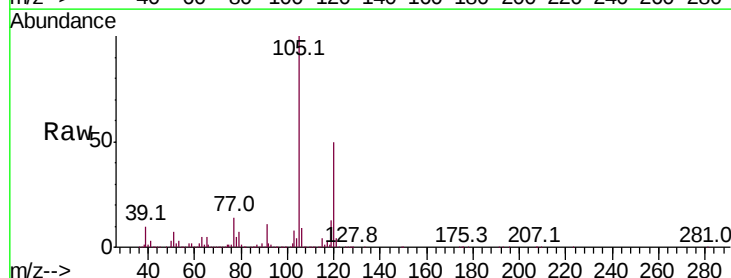
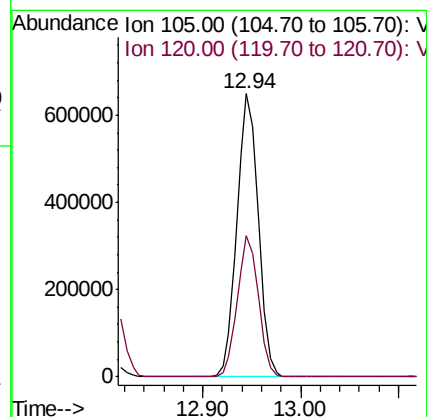
Acq: 13 Feb 2019 15:37

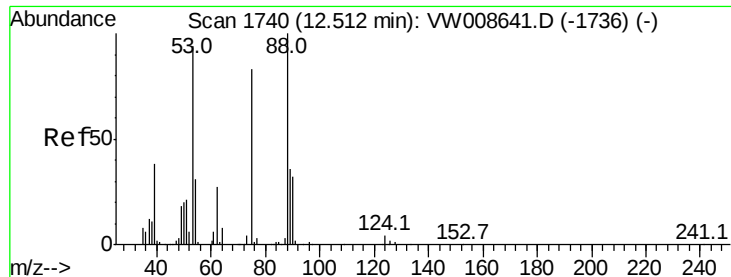
Tgt Ion: 105 Resp: 983888

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.949 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008641.D

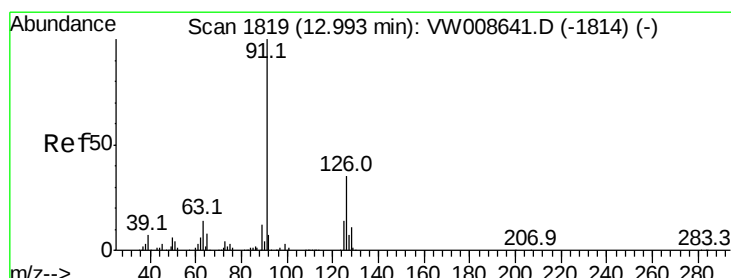
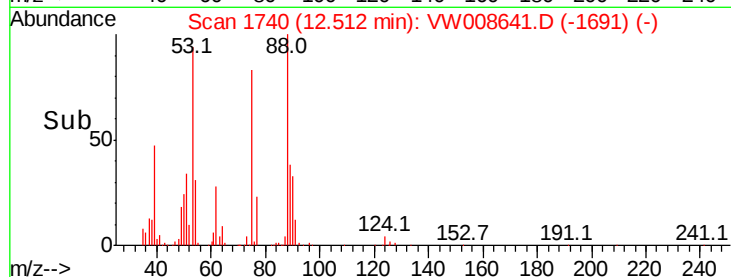
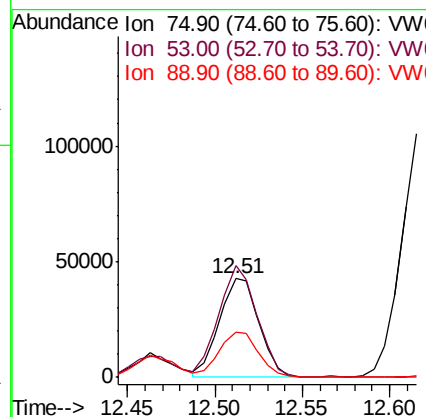
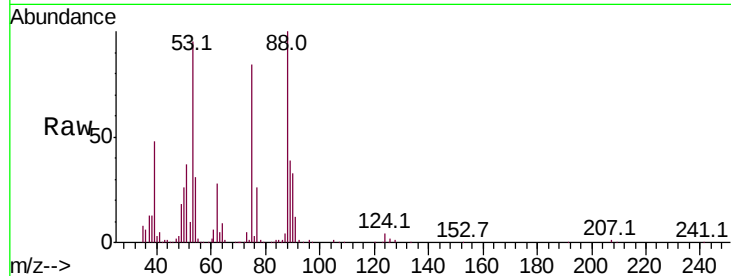
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.2	87.4	131.0
89	46.2	37.0	55.4

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#82

4-Chlorotoluene

Concen: 52.592 ug/l

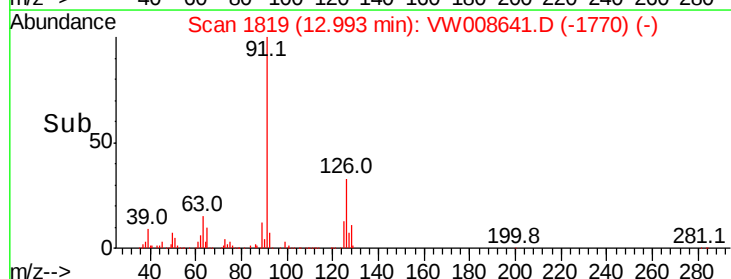
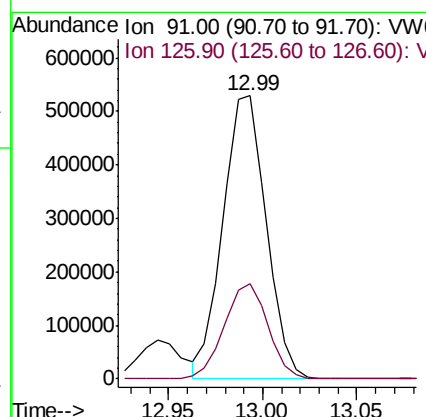
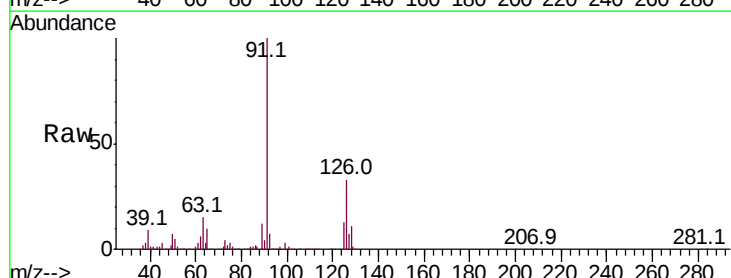
RT: 12.99 min Scan# 1819

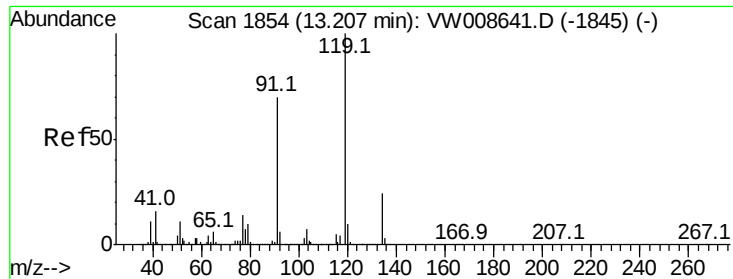
Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.7





#83

tert-Butylbenzene

Concen: 52.597 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

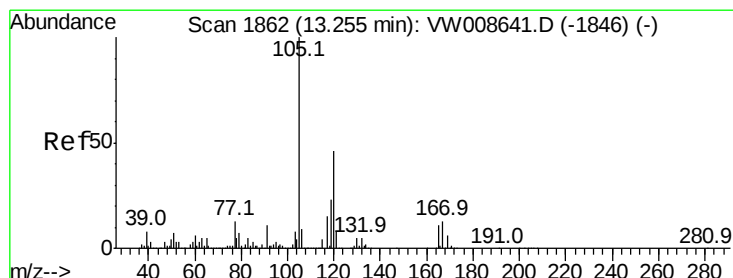
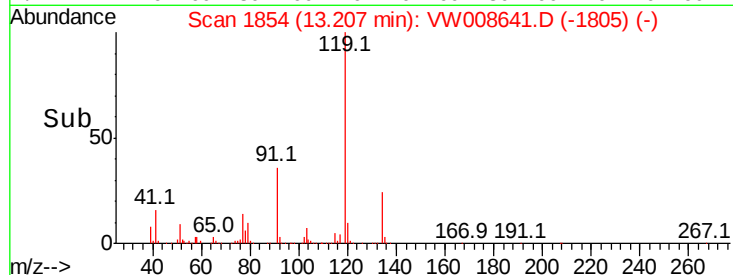
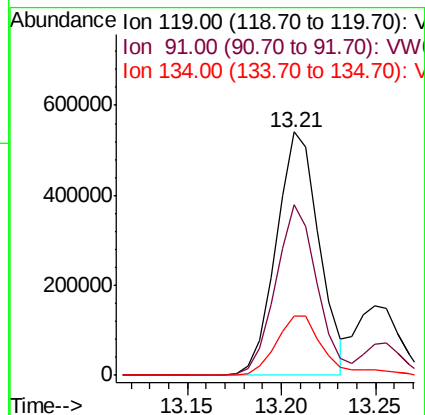
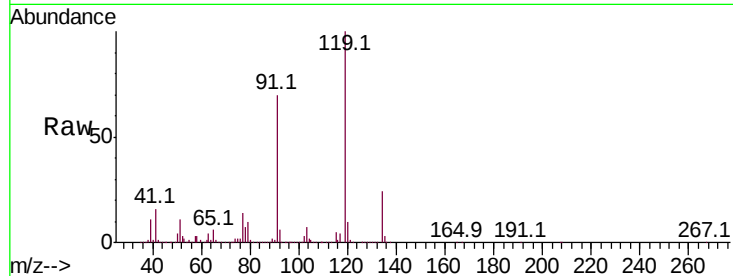
ClientSampleId :

VSTDICCC050

Tot Ion:	119	Resp:	854314
Ion Ratio	Lower	Upper	
119	100		
91	68.0	34.0	102.0
134	27.2	13.6	40.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.551 ug/l

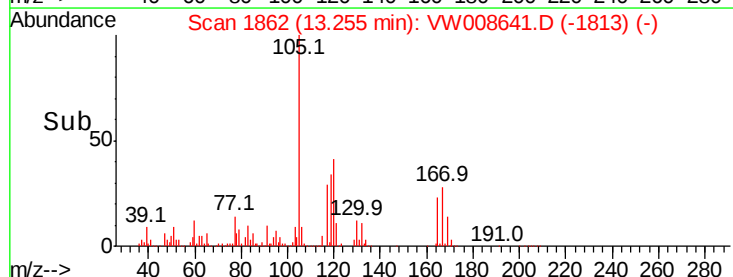
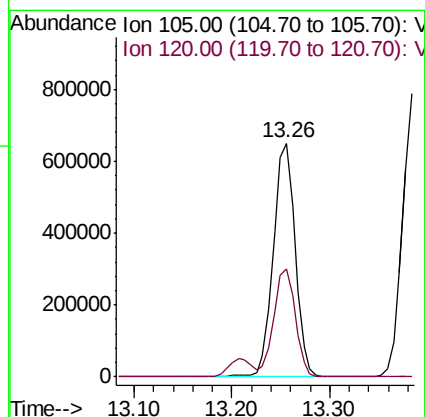
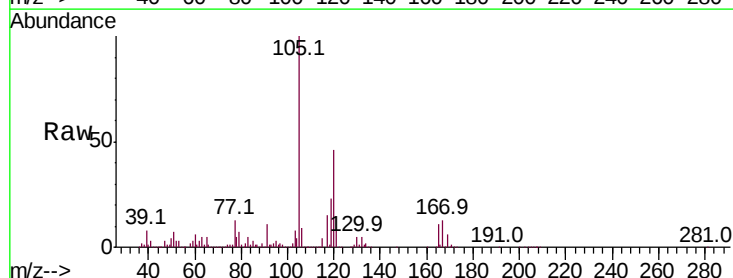
RT: 13.26 min Scan# 1862

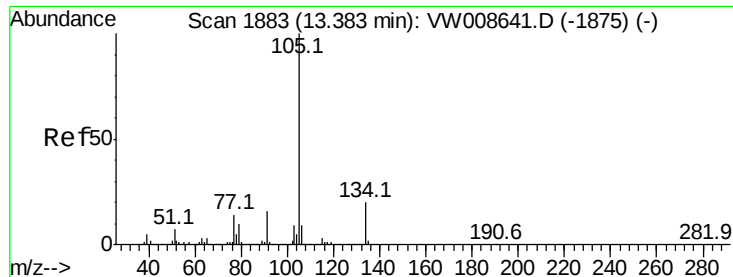
Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion:	105	Resp:	1010345
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.9	68.8





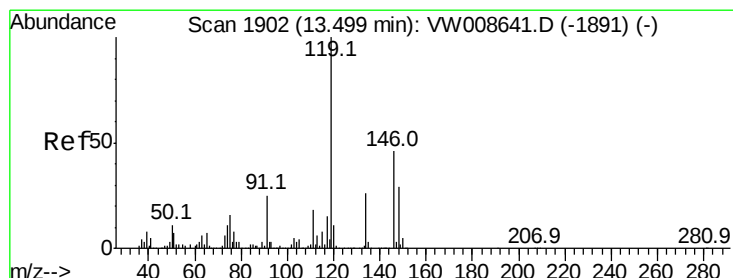
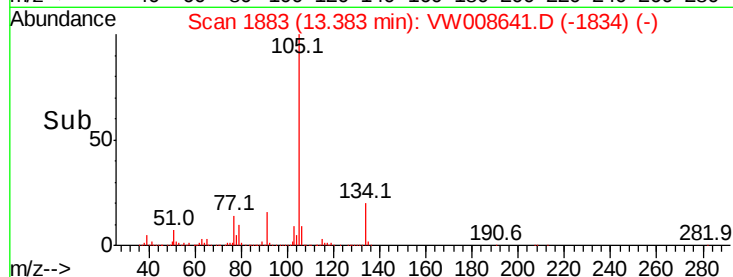
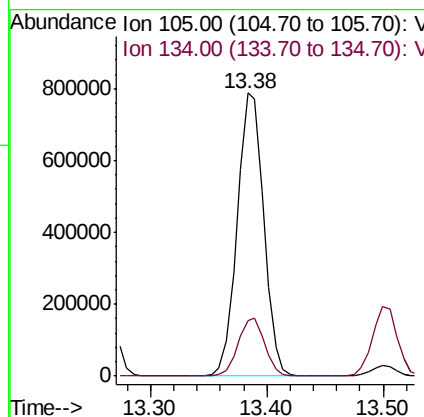
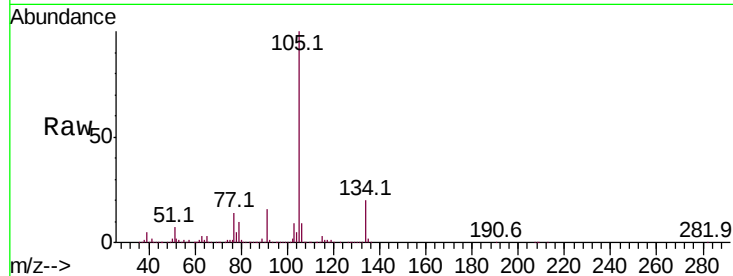
#85
 sec-Butylbenzene
 Concen: 52.798 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008641.D
 Acq: 13 Feb 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 1248701
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

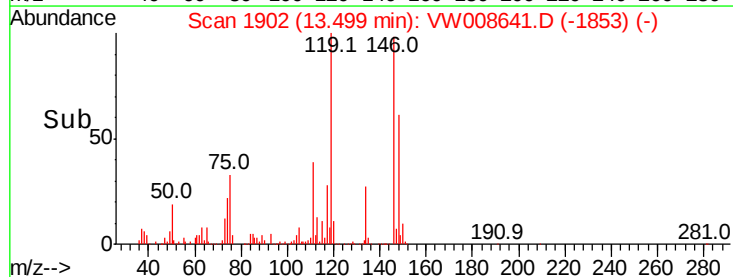
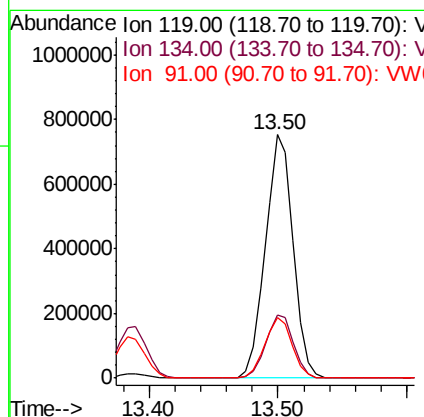
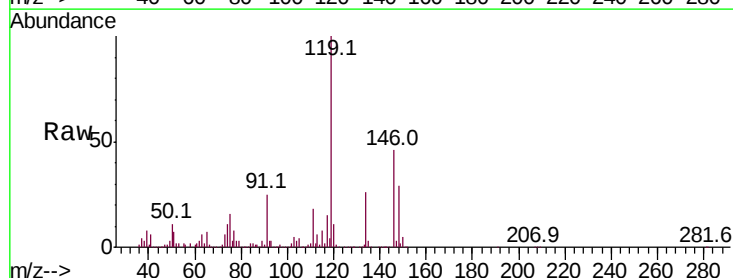
Manual Integrations
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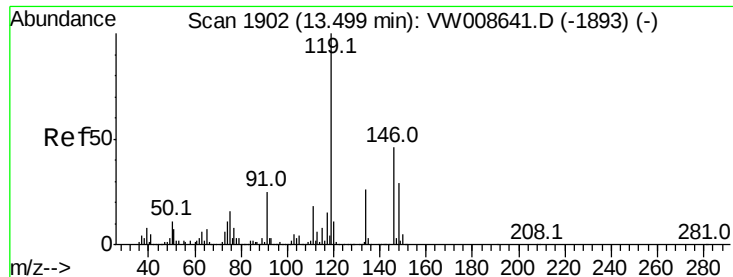
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#86
 p-Isopropyltoluene
 Concen: 52.869 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008641.D
 Acq: 13 Feb 2019 15:37

Tgt Ion:119 Resp: 1118592
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 52.878 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_W

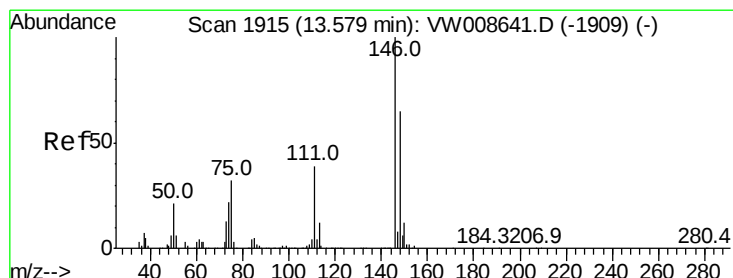
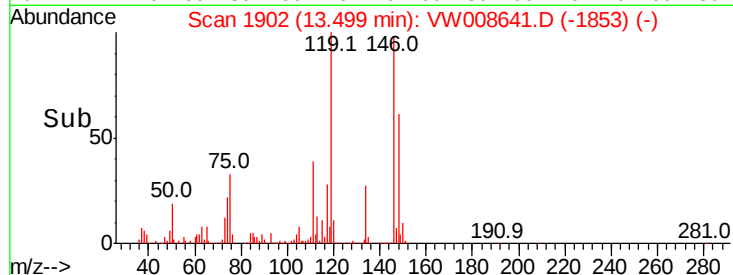
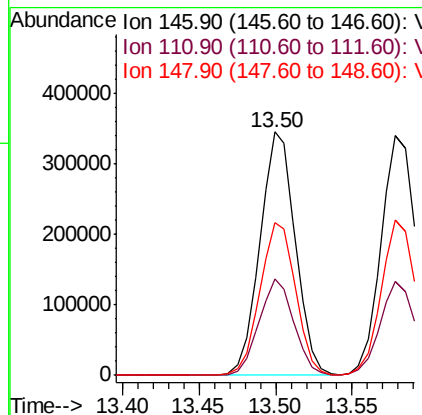
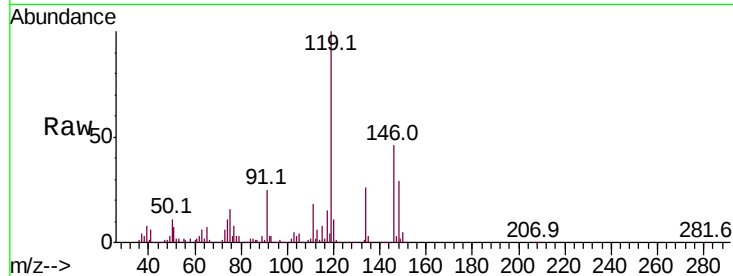
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	63.2	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.576 ug/l

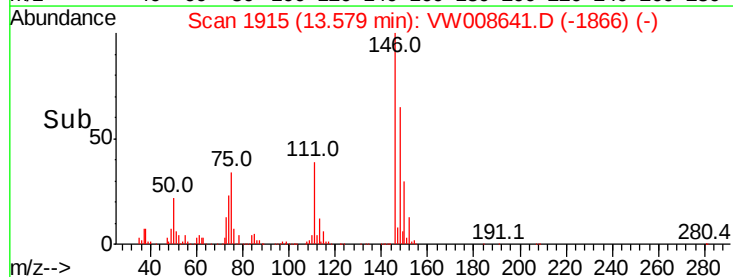
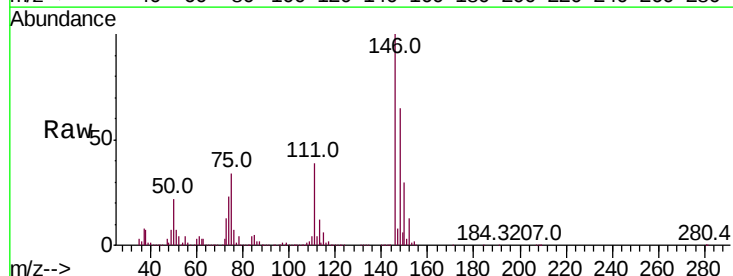
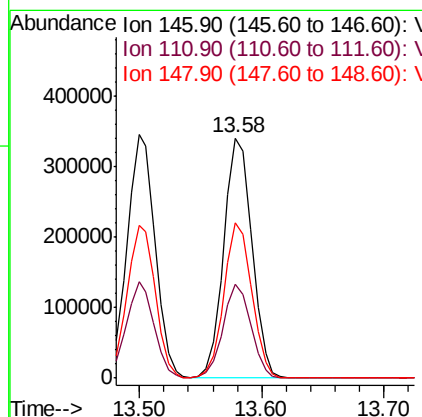
RT: 13.58 min Scan# 1915

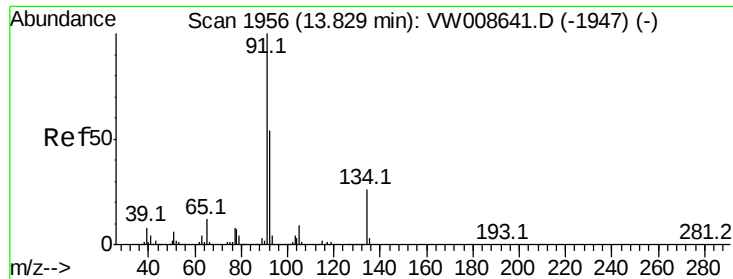
Delta R.T. 0.00 min

Lab File: VW008641.D

Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	63.6	31.8	95.4





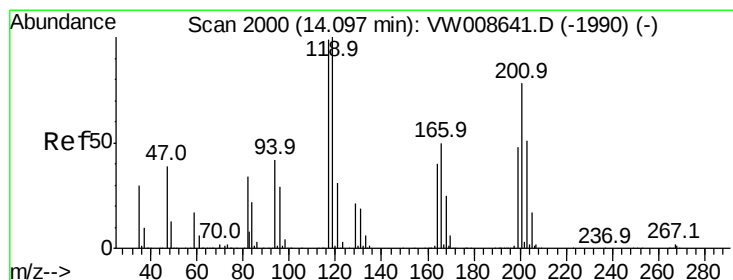
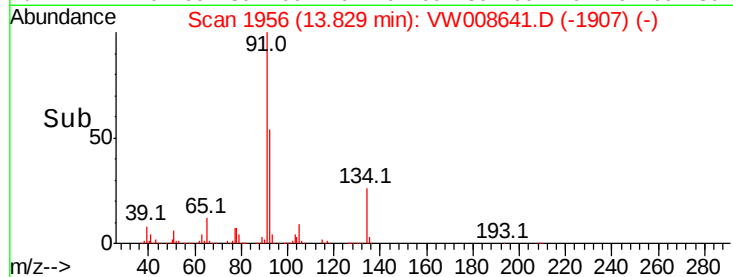
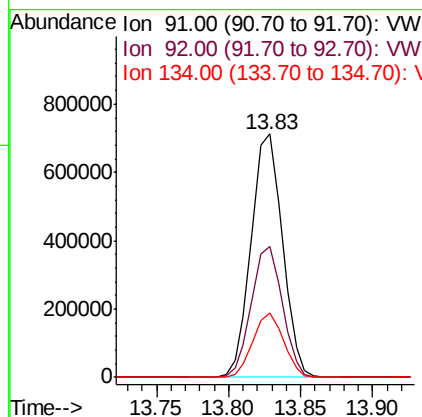
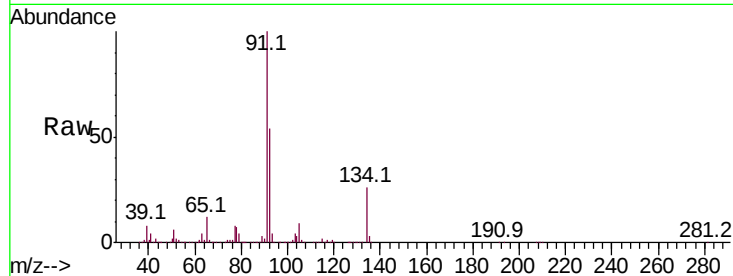
#89
n-Butylbenzene
Concen: 53.142 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.4
134	26.0	13.0	39.0

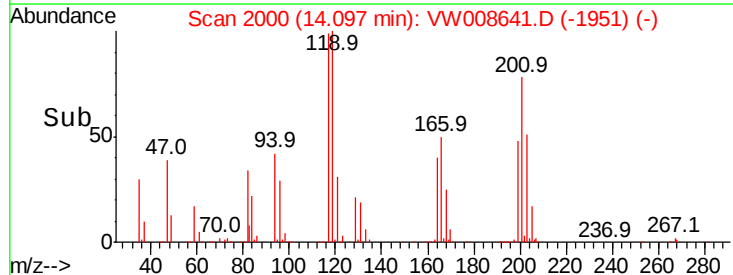
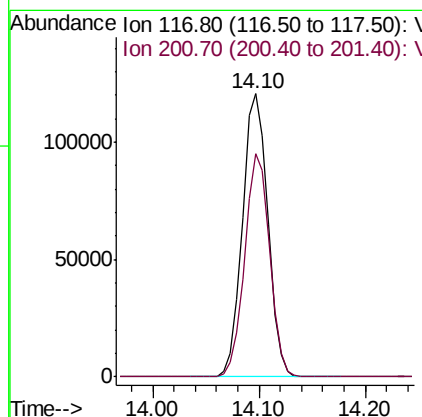
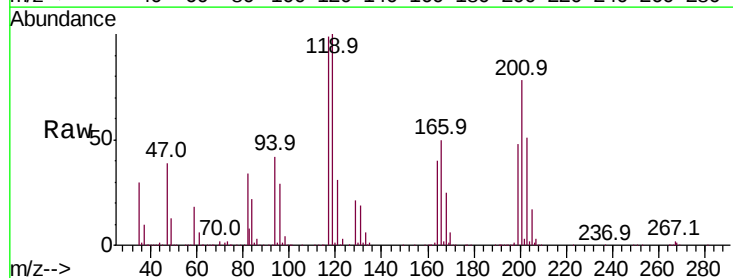
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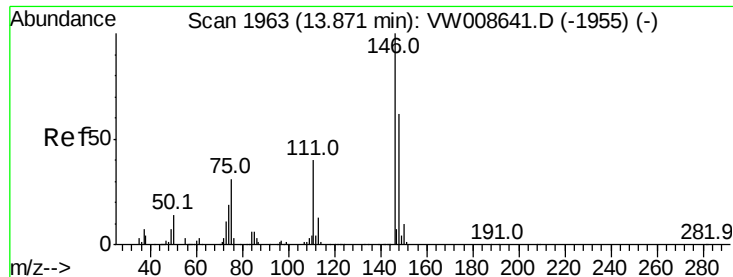
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#90
Hexachloroethane
Concen: 54.843 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.4	38.7	116.1





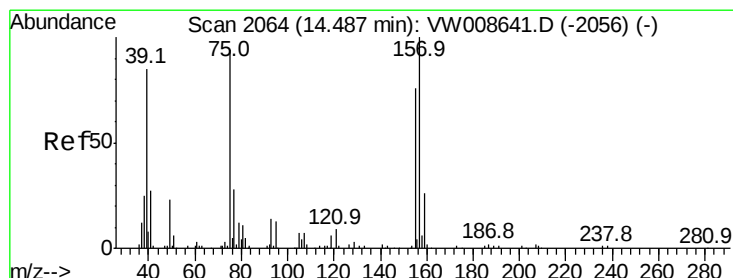
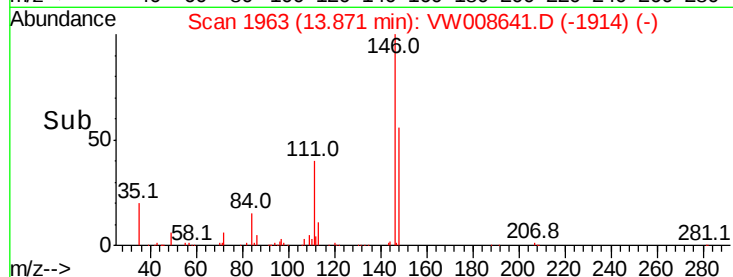
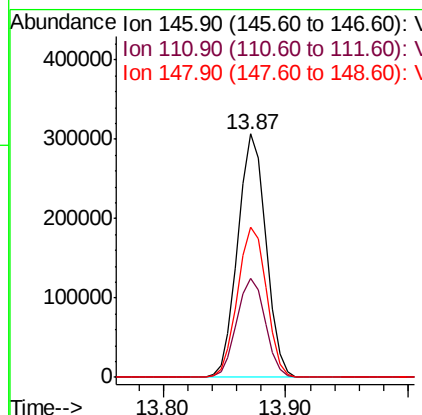
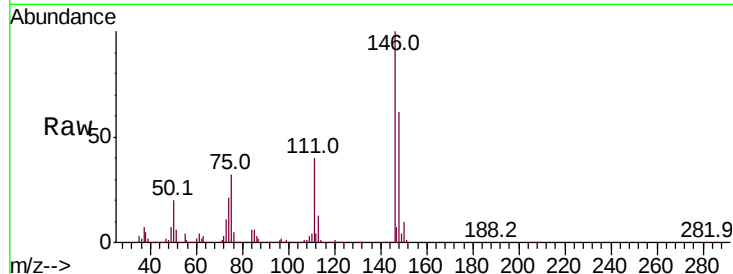
#91
1,2-Dichlorobenzene
Concen: 52.666 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	489674		
111	41.0		20.5	61.5
148	63.2		31.6	94.8

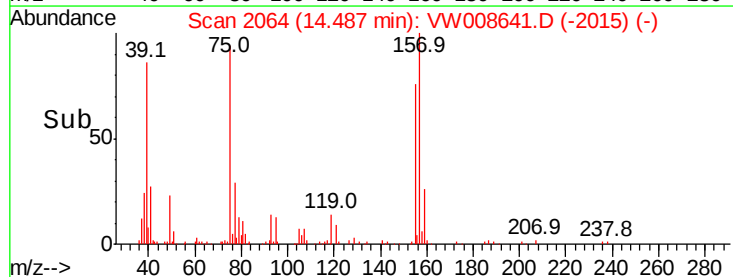
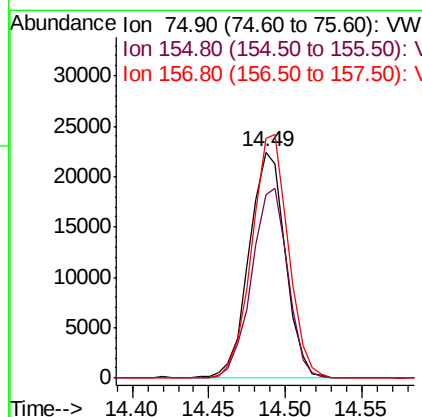
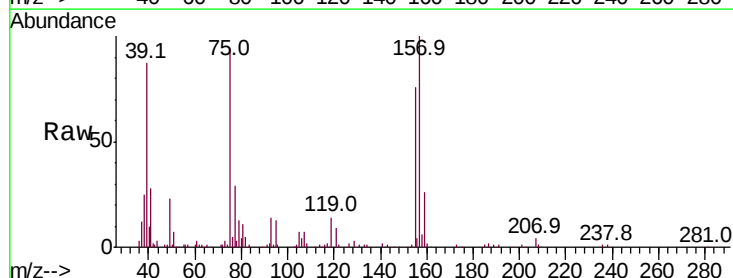
Manual Integrations
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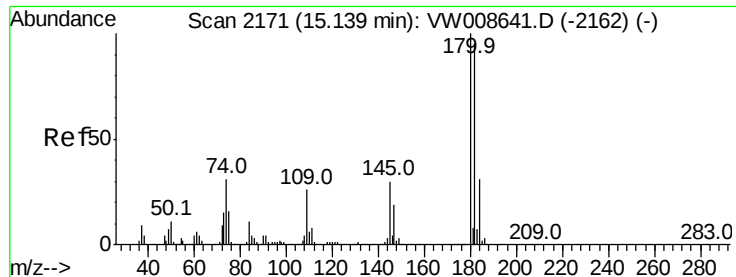
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#92
1,2-Dibromo-3-Chloropropane
Concen: 54.474 ug/l
RT: 14.49 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37091		
155	83.6		41.8	125.4
157	107.6		53.8	161.4





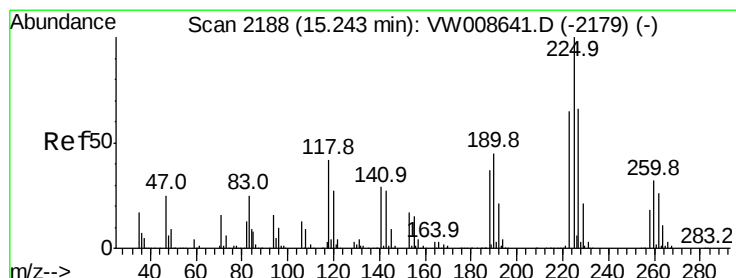
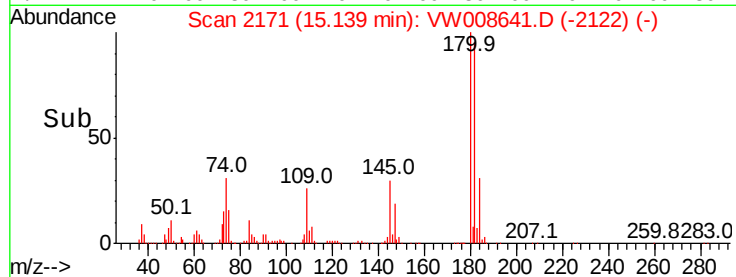
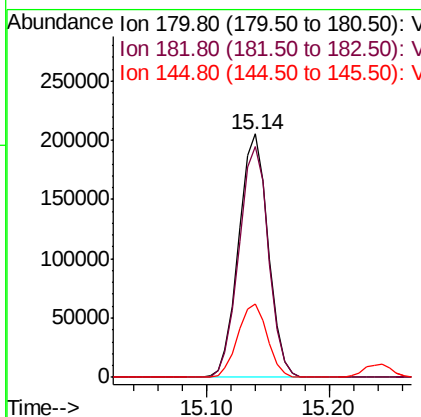
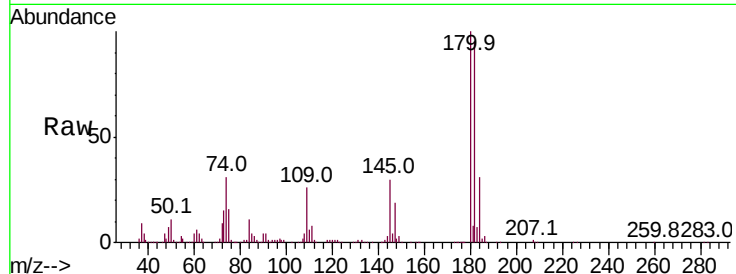
#93
 1,2,4-Trichlorobenzene
 Concen: 51.778 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008641.D
 Acq: 13 Feb 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	180	Resp:	342698
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.5	142.5
145	30.2	15.1	45.3

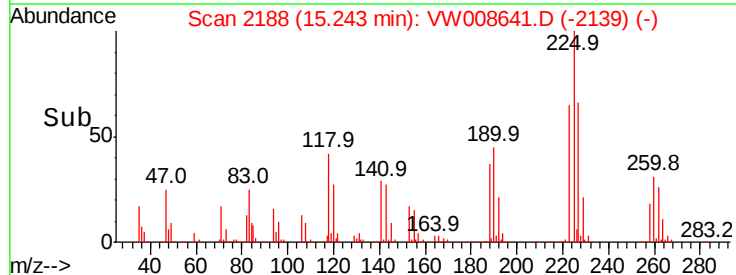
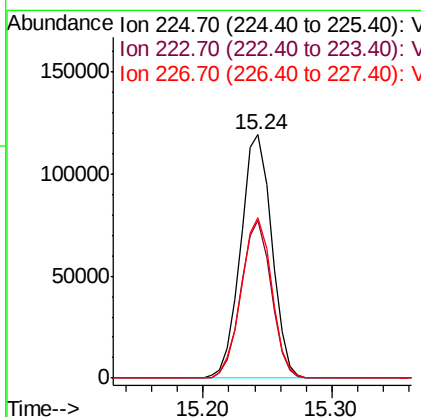
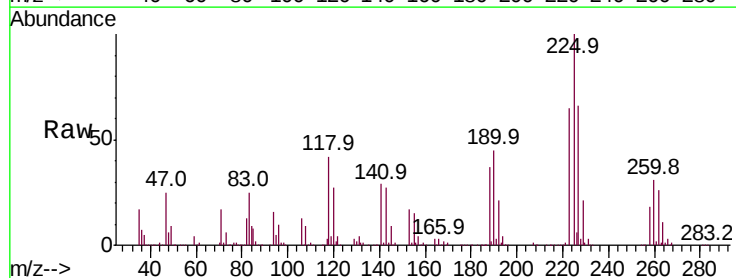
Manual Integrations
 APPROVED

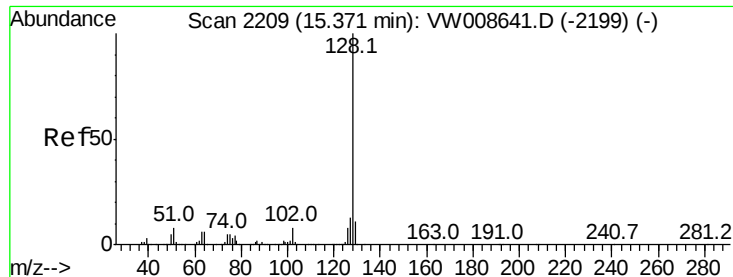
MMDadoda
 2/14/2019 2:08:59 PM



#94
 Hexachlorobutadiene
 Concen: 51.564 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008641.D
 Acq: 13 Feb 2019 15:37

Tgt Ion:	225	Resp:	198657
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.4	94.3
227	64.7	32.4	97.0





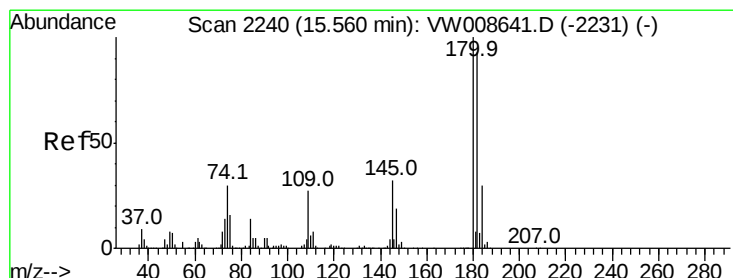
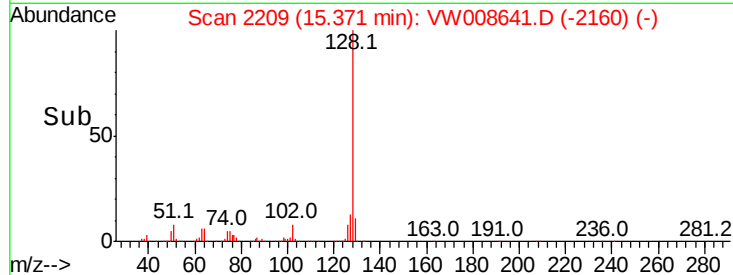
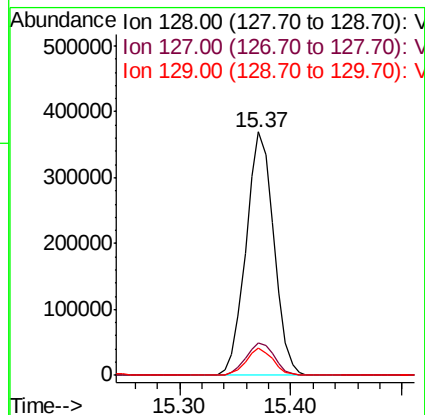
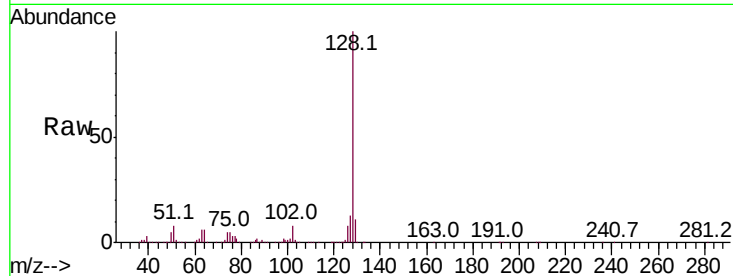
#95
Naphthalene
Concen: 54.074 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:	128	Resp:	641368
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.9	16.3
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/14/2019 2:08:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.136 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008641.D
Acq: 13 Feb 2019 15:37

Tgt Ion:	180	Resp:	296108
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.5	142.5
145	31.8	15.9	47.7

