

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011977.D
 Acq On : 19 Aug 2019 08:48
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 9:56:22 AM

Quant Time: Aug 19 11:05:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	411279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147811	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.88	113	127822	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
50) Toluene-d8	10.32	98	521879	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
62) 4-Bromofluorobenzene	12.62	95	181156	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	70128	48.020	ug/l 98
3) Chloromethane	2.21	50	119184	47.064	ug/l 98
4) Vinyl Chloride	2.36	62	158533	51.999	ug/l 99
5) Bromomethane	2.78	94	81928	48.548	ug/l 98
6) Chloroethane	2.92	64	91819	52.723	ug/l 99
7) Trichlorofluoromethane	3.25	101	85521	62.765	ug/l 99
8) Diethyl Ether	3.68	74	75292	48.737	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	140728	54.446	ug/l 99
10) Methyl Iodide	4.27	142	191542	52.439	ug/l 99
11) Tert butyl alcohol	5.15	59	49077	218.778	ug/l 99
12) 1,1-Dichloroethene	4.04	96	144173	52.829	ug/l 99
13) Acrolein	3.89	56	39277	181.919	ug/l 97
14) Allyl chloride	4.67	41	309287	53.284	ug/l 99
15) Acrylonitrile	5.36	53	190756	247.355	ug/l 98
16) Acetone	4.11	43	273661	285.912	ug/l 97
17) Carbon Disulfide	4.38	76	432317	50.613	ug/l 100
18) Methyl Acetate	4.67	43	96387	44.826	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	218566	50.469	ug/l 96
20) Methylene Chloride	4.92	84	148777	45.070	ug/l 99
21) trans-1,2-Dichloroethene	5.42	96	153752	52.257	ug/l 98
22) Diisopropyl ether	6.31	45	549349	50.199	ug/l 98
23) Vinyl Acetate	6.25	43	1718239	249.874	ug/l 99
24) 1,1-Dichloroethane	6.21	63	304903	52.022	ug/l 99
25) 2-Butanone	7.17	43	318762	254.509	ug/l 97
26) 2,2-Dichloropropane	7.17	77	181913	50.469	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	165505	51.110	ug/l 99
28) Bromochloromethane	7.51	49	130976	50.347	ug/l 98
29) Tetrahydrofuran	7.52	42	167292	233.675	ug/l 98
30) Chloroform	7.67	83	271242	50.163	ug/l 98
31) Cyclohexane	7.96	56	289025	51.373	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	224666	54.558	ug/l 99
36) 1,1-Dichloropropene	8.08	75	235735	55.123	ug/l 99
37) Ethyl Acetate	7.24	43	116746	47.450	ug/l 98
38) Carbon Tetrachloride	8.07	117	203620	55.618	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	269433	57.217	ug/l	99
40) Benzene	8.32	78	636394	53.126	ug/l	100
41) Methacrylonitrile	7.48	41	74833	50.880	ug/l	97
42) 1,2-Dichloroethane	8.40	62	186010	49.597	ug/l	98
43) Isopropyl Acetate	8.42	43	223297	49.349	ug/l	99
44) Trichloroethene	9.09	130	158965	55.214	ug/l	99
45) 1,2-Dichloropropane	9.37	63	168331	52.519	ug/l	99
46) Dibromomethane	9.46	93	73966	50.562	ug/l	98
47) Bromodichloromethane	9.65	83	201605	52.538	ug/l	99
48) Methyl methacrylate	9.43	41	108123	49.744	ug/l	96
49) 1,4-Dioxane	9.45	88	21043	993.453	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	576829	245.082	ug/l	99
52) Toluene	10.39	92	389648	53.863	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	210013	52.392	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	253900	53.272	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	105660	50.905	ug/l	98
56) Ethyl methacrylate	10.65	69	156797	51.624	ug/l	98
57) 1,3-Dichloropropane	10.93	76	199493	50.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	404933	293.631	ug/l	99
59) 2-Hexanone	10.97	43	467492	281.316	ug/l	99
60) Dibromochloromethane	11.13	129	121490	52.731	ug/l	99
61) 1,2-Dibromoethane	11.24	107	99285	50.546	ug/l	99
64) Tetrachloroethene	10.86	164	127945	56.627	ug/l	97
65) Chlorobenzene	11.66	112	381299	54.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	134535	55.362	ug/l	100
67) Ethyl Benzene	11.73	91	754782	56.805	ug/l	100
68) m/p-Xylenes	11.84	106	544599	112.703	ug/l	99
69) o-Xylene	12.16	106	251725	56.059	ug/l	100
70) Styrene	12.18	104	433940	55.893	ug/l	99
71) Bromoform	12.35	173	68916	55.621	ug/l #	98
73) Isopropylbenzene	12.46	105	717319	58.078	ug/l	99
74) N-amyl acetate	12.27	43	206896	53.506	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	122327	52.654	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85772m	48.963	ug/l	
77) Bromobenzene	12.75	156	151210	55.390	ug/l	98
78) n-propylbenzene	12.80	91	873477	58.111	ug/l	100
79) 2-Chlorotoluene	12.89	91	485488	56.064	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	598638	57.822	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	44060	57.966	ug/l	96
82) 4-Chlorotoluene	12.99	91	506712	55.771	ug/l	100
83) tert-Butylbenzene	13.21	119	513489	59.309	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	587775	56.358	ug/l	100
85) sec-Butylbenzene	13.38	105	731289	59.197	ug/l	100
86) p-Isopropyltoluene	13.50	119	656460	58.568	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	293331	54.799	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	290349	54.528	ug/l	100
89) n-Butylbenzene	13.82	91	660351	59.036	ug/l	99
90) Hexachloroethane	14.10	117	116361	58.709	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	255987	54.071	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20531	51.824	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	187582	56.220	ug/l	99
94) Hexachlorobutadiene	15.24	225	123185	59.202	ug/l	98
95) Naphthalene	15.37	128	330902	50.603	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	160885	55.009	ug/l	99

(#) = 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: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 262043

Ion Ratio Lower Upper

168 100

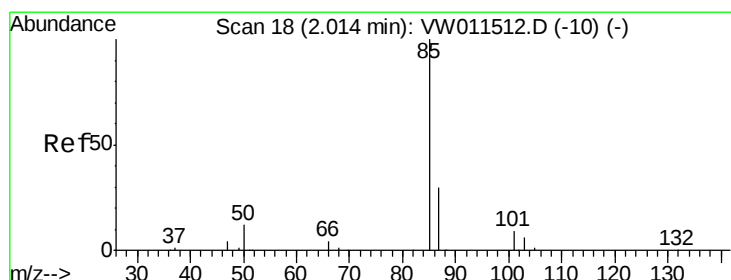
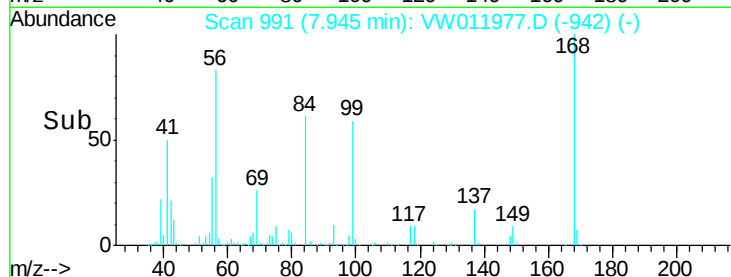
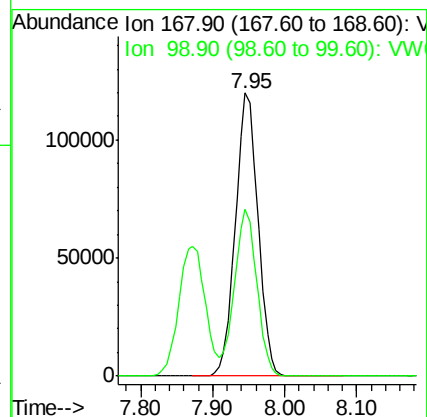
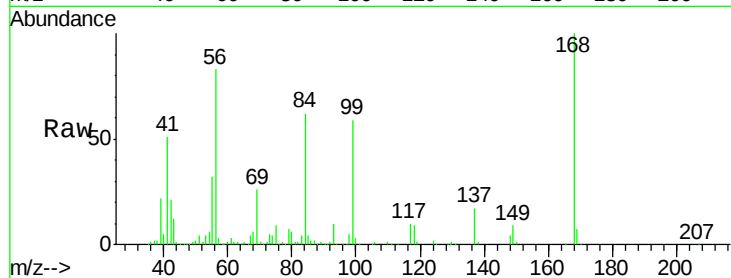
99 58.7 48.2 72.4

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8/20/2019 9:56:22 AM



#2

Dichlorodifluoromethane

Concen: 48.020 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011977.D

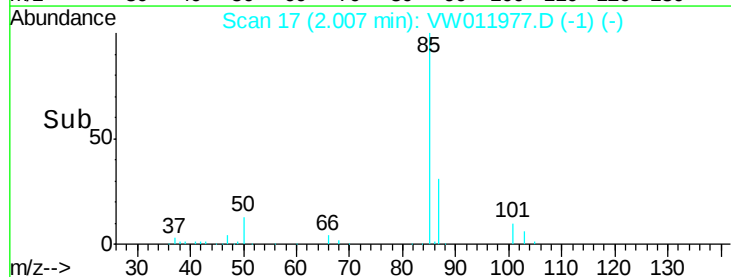
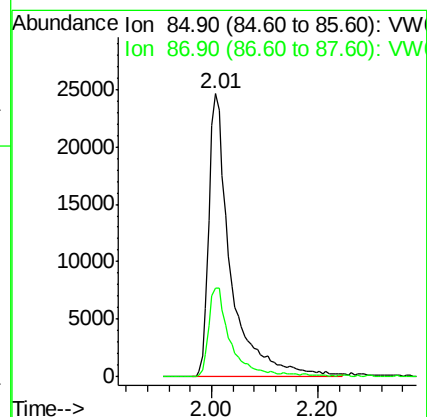
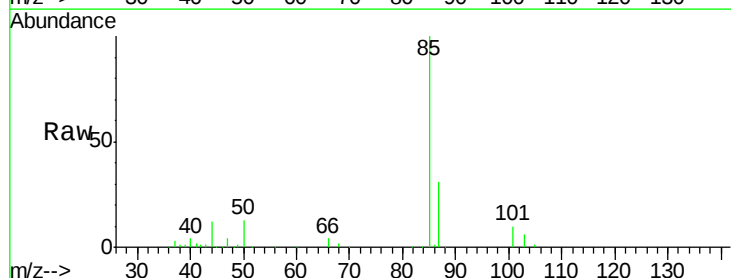
Acq: 19 Aug 2019 08:48

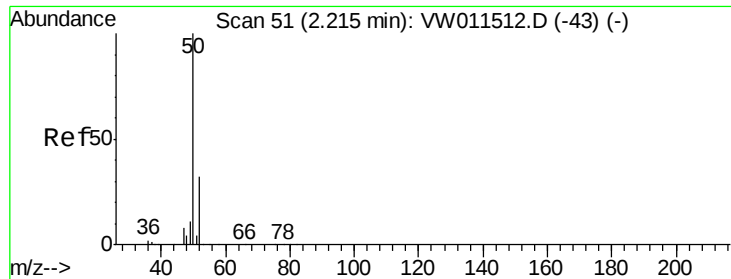
Tgt Ion: 85 Resp: 70128

Ion Ratio Lower Upper

85 100

87 31.4 15.2 45.6





#3

Chloromethane

Concen: 47.064 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 119184

Ion Ratio Lower Upper

50 100

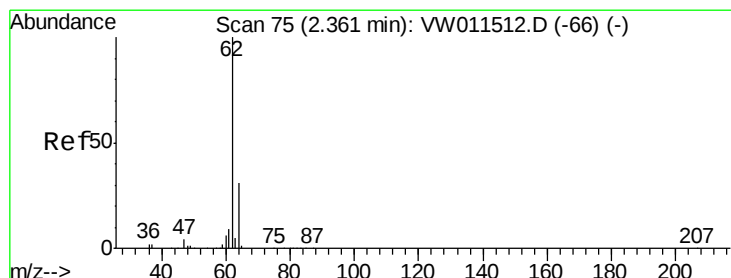
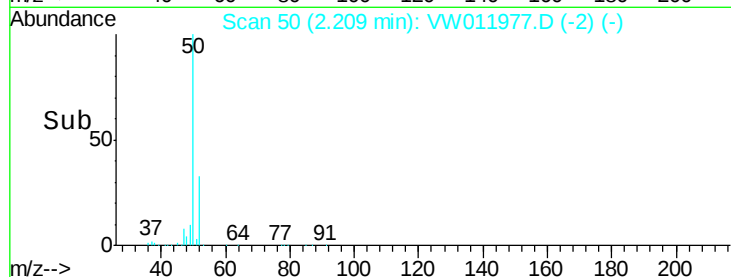
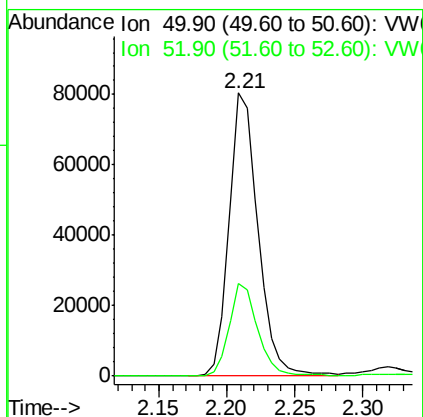
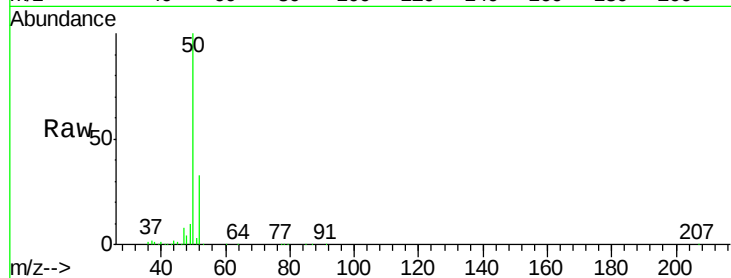
52 32.6 25.4 38.2

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#4

Vinyl Chloride

Concen: 51.999 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011977.D

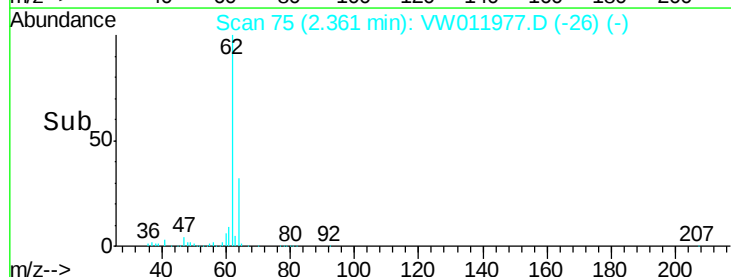
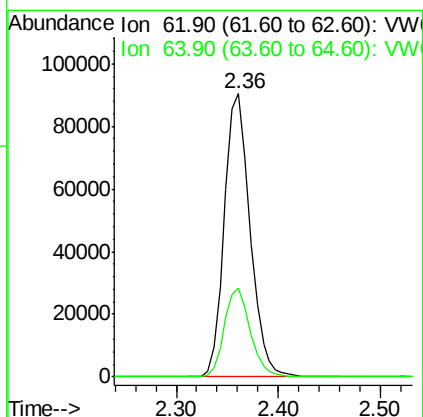
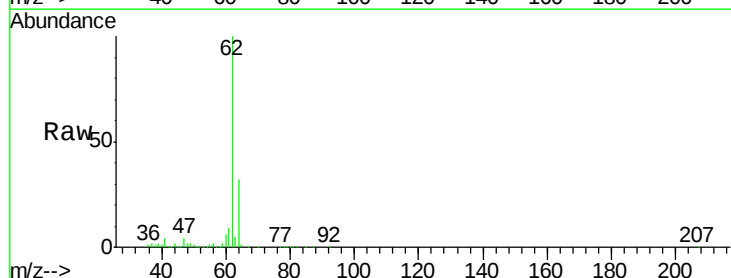
Acq: 19 Aug 2019 08:48

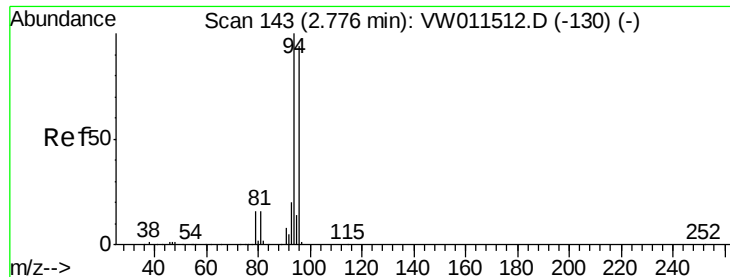
Tgt Ion: 62 Resp: 158533

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4





#5

Bromomethane

Concen: 48.548 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 81928

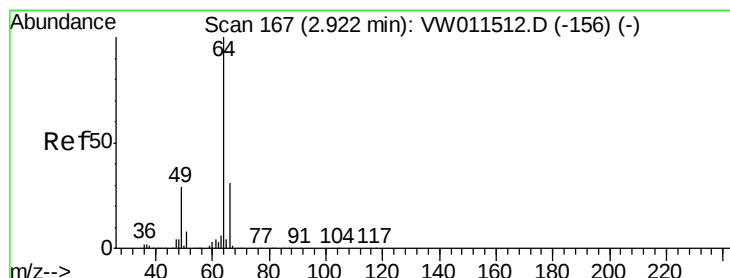
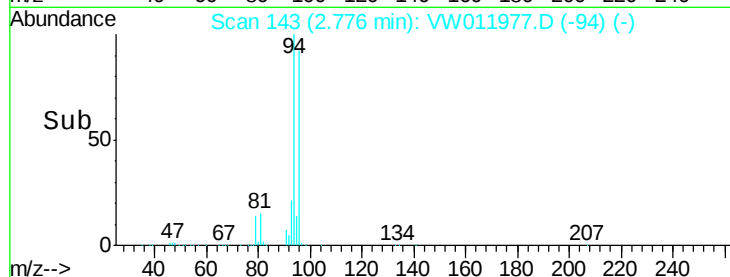
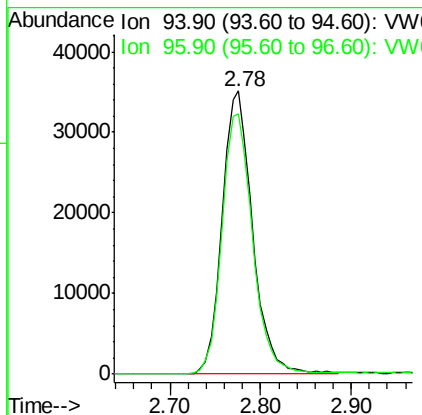
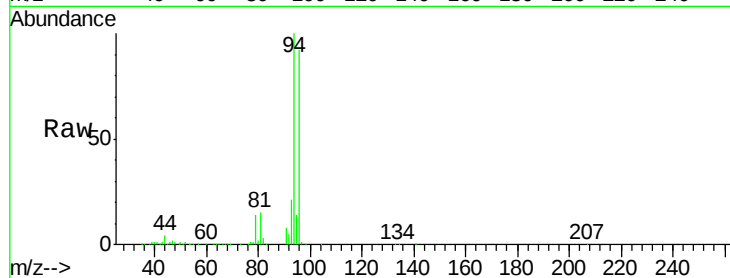
Ion Ratio Lower Upper

94 100

96 91.7 75.0 112.6

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8/20/2019 9:56:22 AM



#6

Chloroethane

Concen: 52.723 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW011977.D

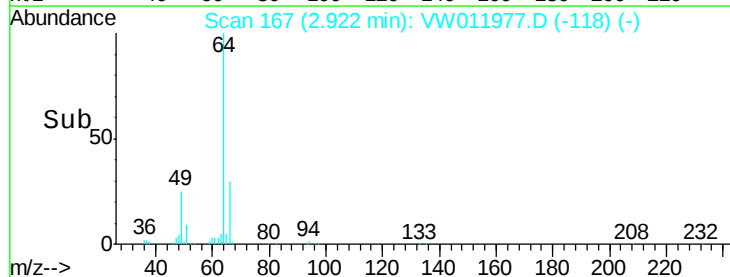
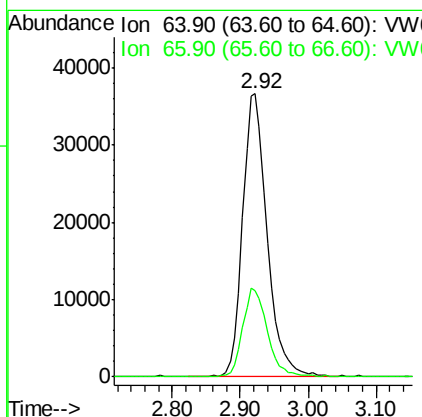
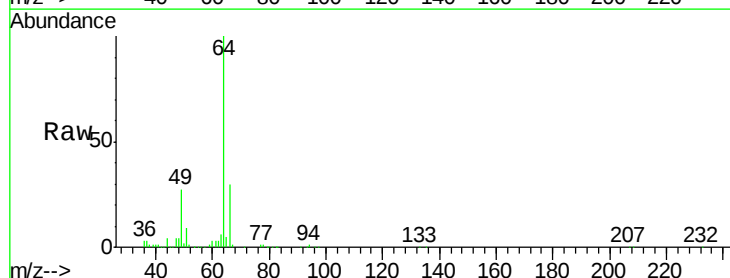
Acq: 19 Aug 2019 08:48

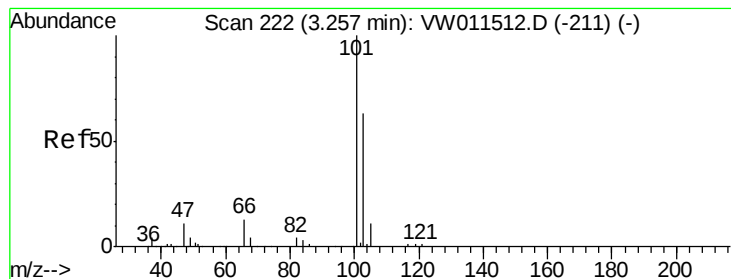
Tgt Ion: 64 Resp: 91819

Ion Ratio Lower Upper

64 100

66 30.4 24.6 36.8





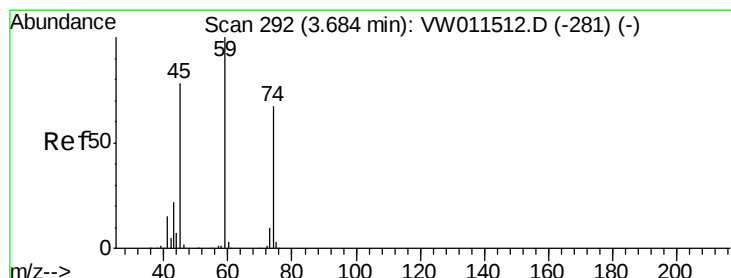
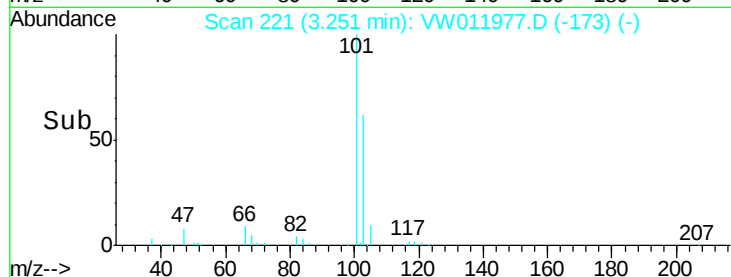
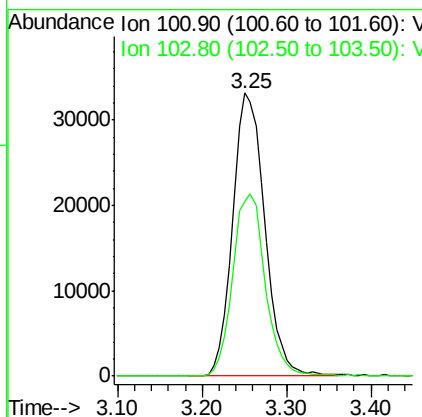
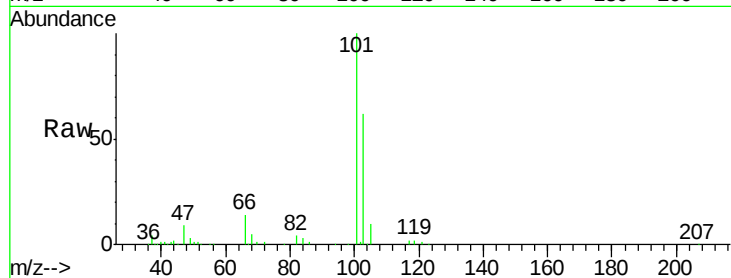
#7
 Trichlorofluoromethane
 Concen: 62.765 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	85521		
103	61.7	50.2	75.4	

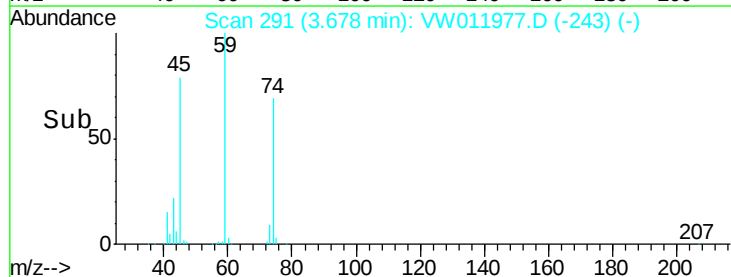
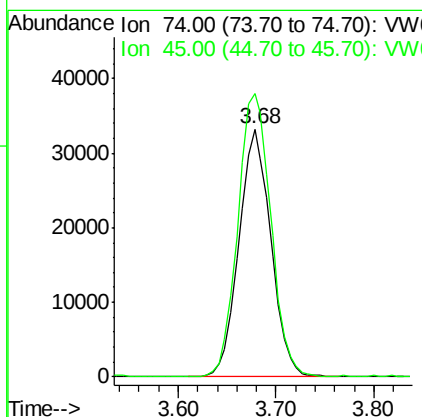
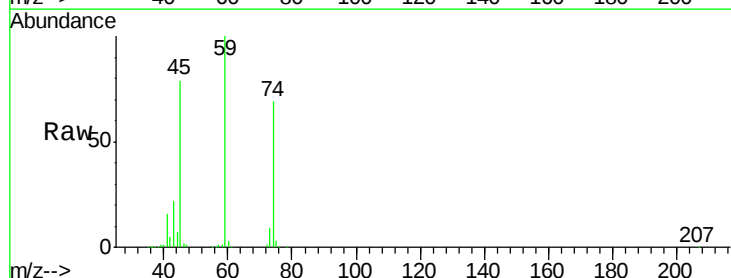
Manual Integrations
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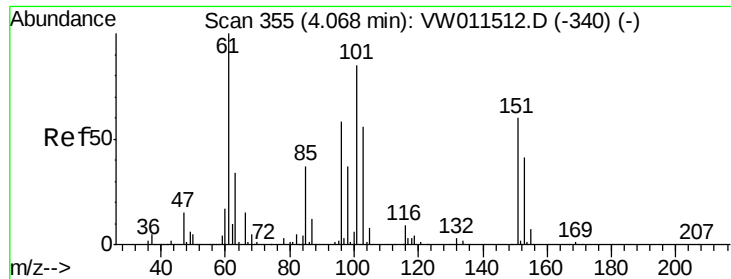
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#8
 Diethyl Ether
 Concen: 48.737 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	75292		
45	118.4	59.6	178.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.446 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

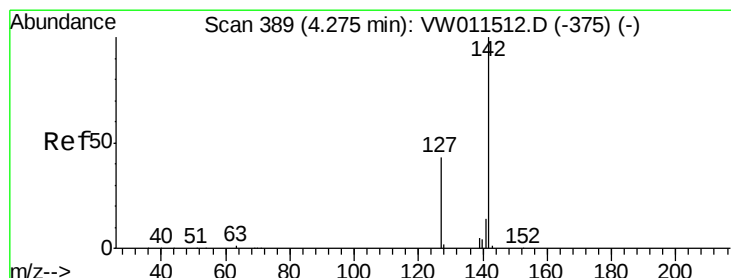
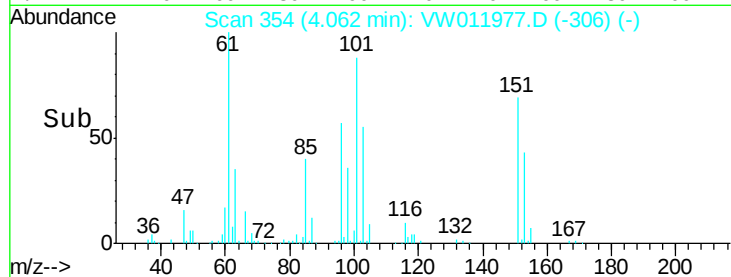
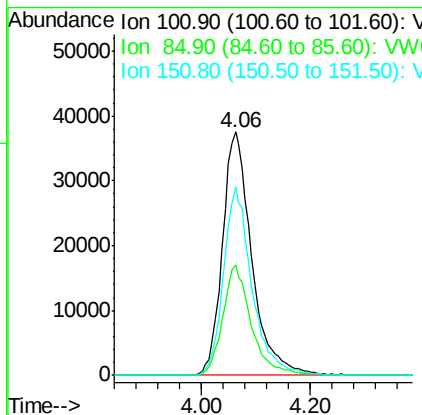
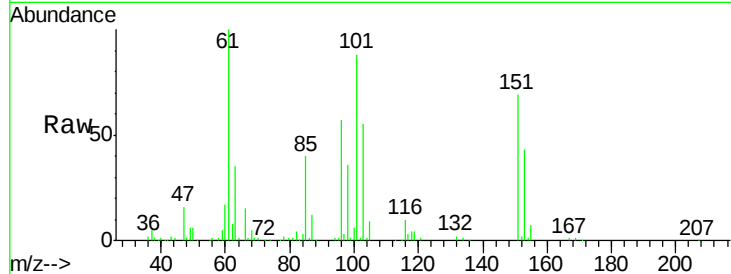
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	140728
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.6	54.8
151	74.9	60.2	90.2

Manual Integrations
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8/20/2019 9:56:22 AM



#10

Methyl Iodide

Concen: 52.439 ug/l

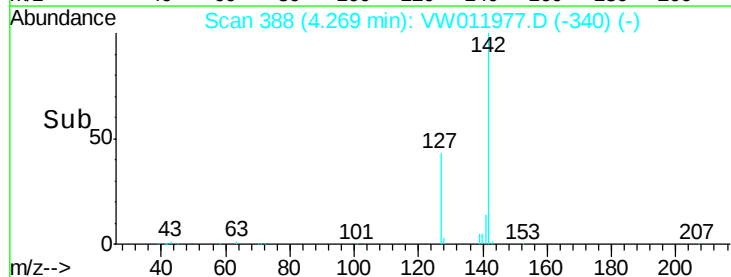
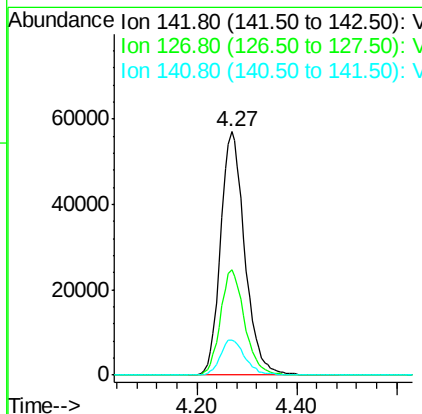
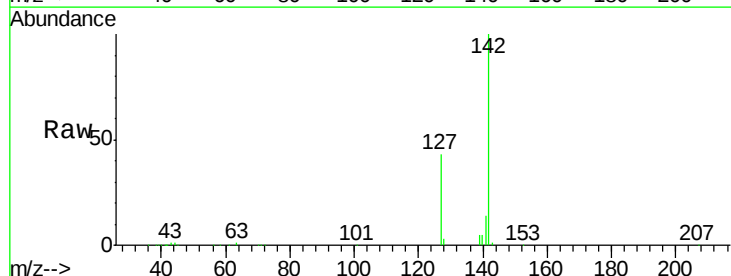
RT: 4.27 min Scan# 388

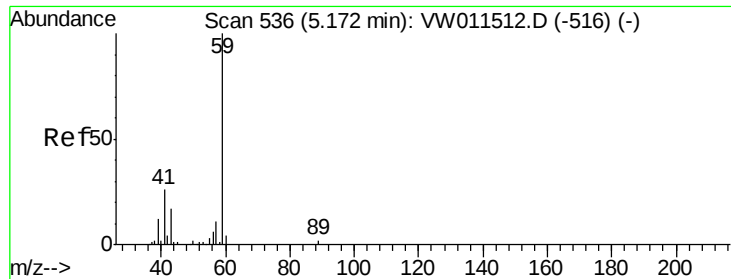
Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion:	142	Resp:	191542
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.0	52.6
141	14.8	11.9	17.9





#11

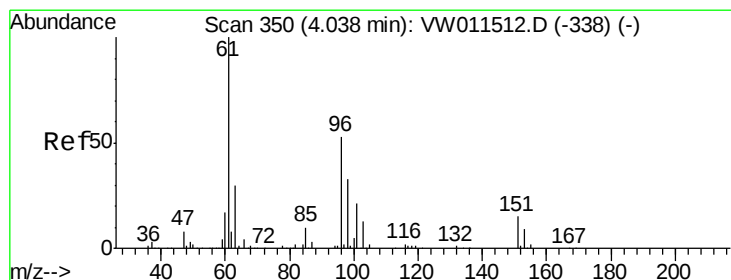
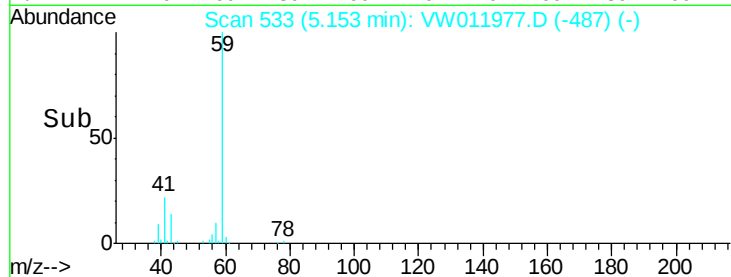
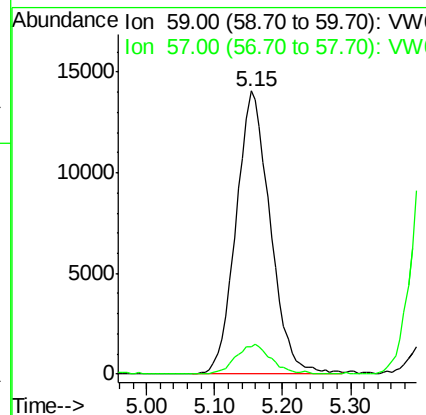
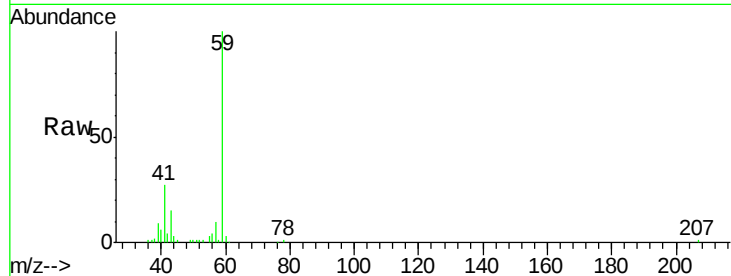
Tert butyl alcohol
 Concen: 218.778 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.5	12.7

Manual Integrations
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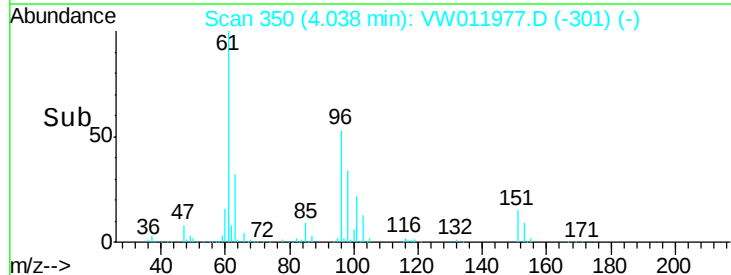
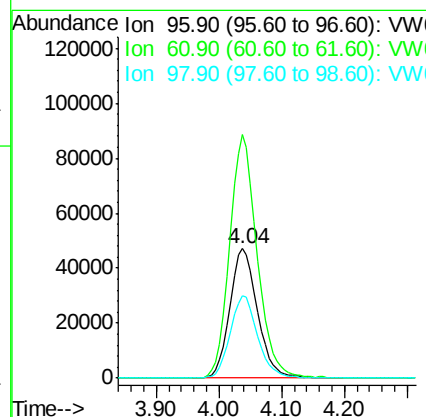
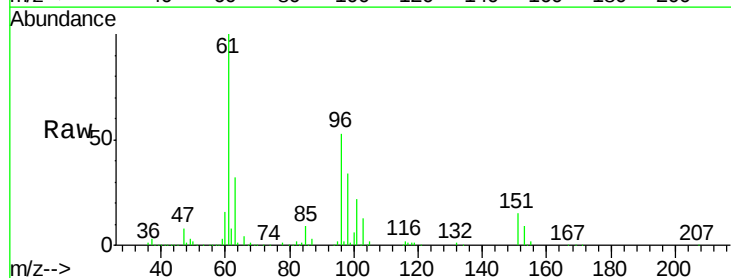
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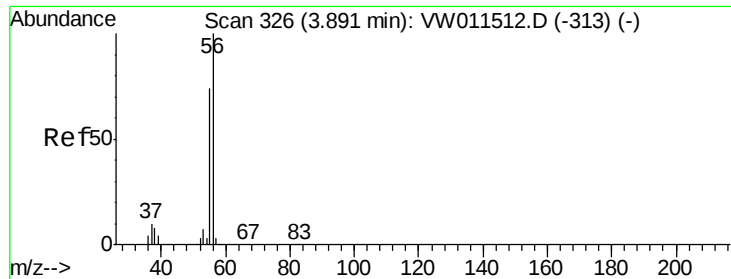


#12

1,1-Dichloroethene
 Concen: 52.829 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.0	149.9	224.9
98	63.7	49.1	73.7





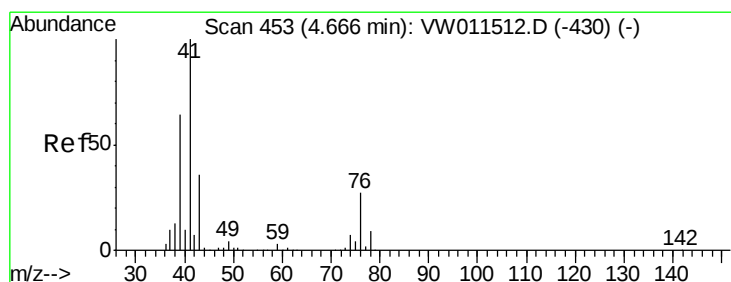
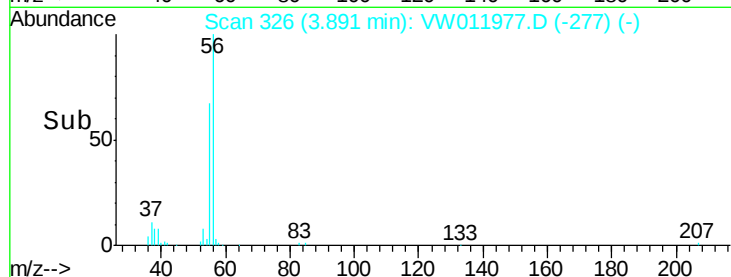
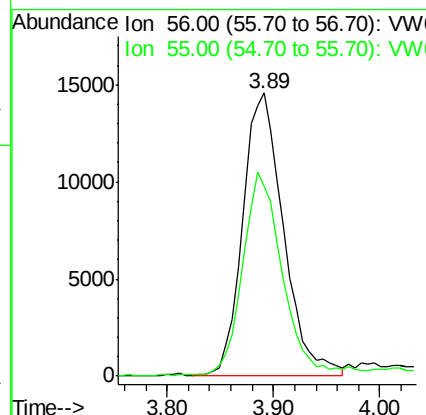
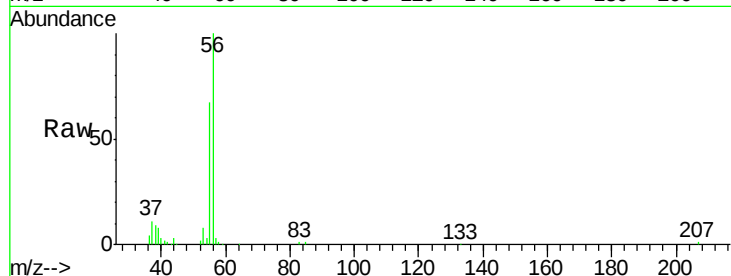
#13
 Acrolein
 Concen: 181.919 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.9	56.0	84.0

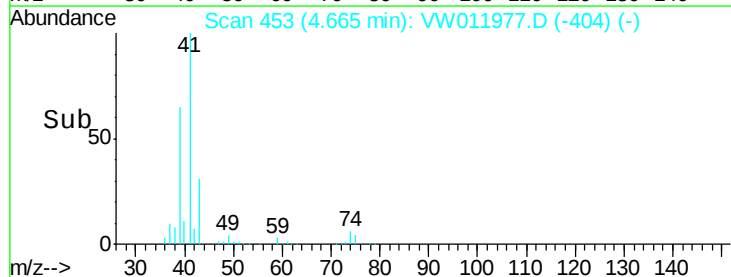
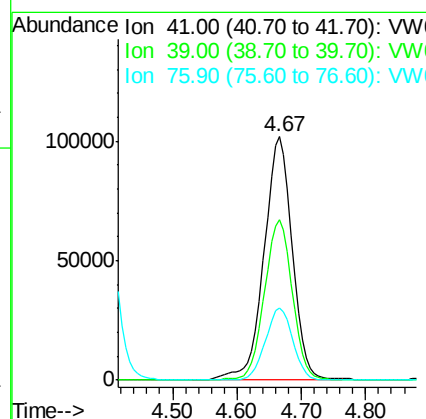
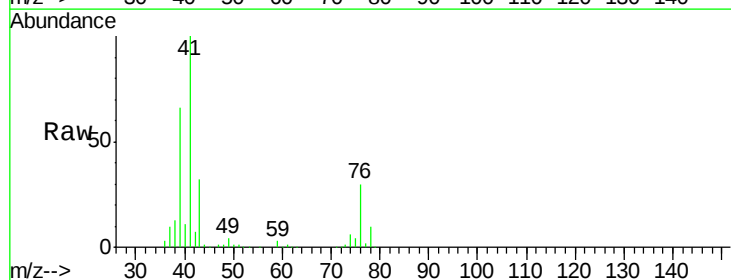
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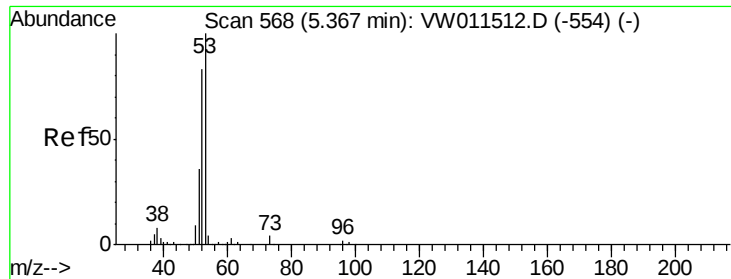
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#14
 Allyl chloride
 Concen: 53.284 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.2	52.6	78.8
76	28.9	22.0	33.0





#15

Acrylonitrile

Concen: 247.355 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

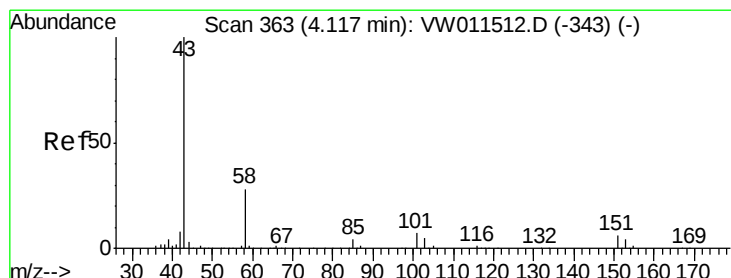
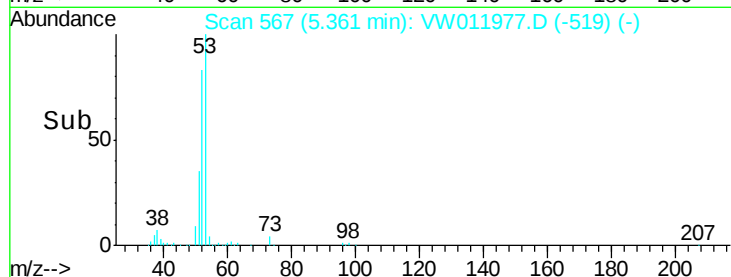
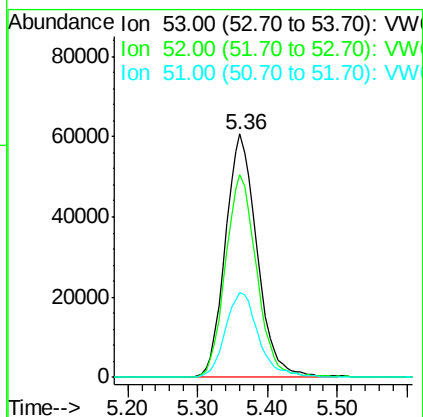
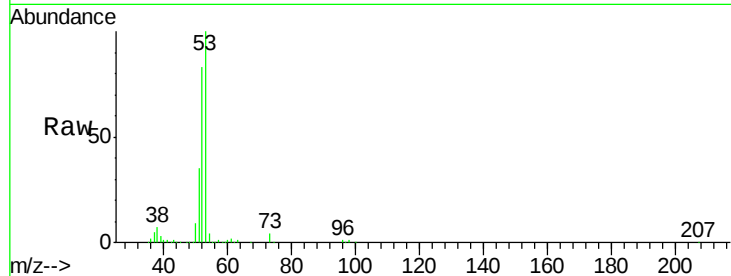
ClientSampleId :

VSTDCCC050

Tot Ion	53	Resp	190756
Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.2	100.8
51	36.6	30.0	45.0

Manual Integrations
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#16

Acetone

Concen: 285.912 ug/l

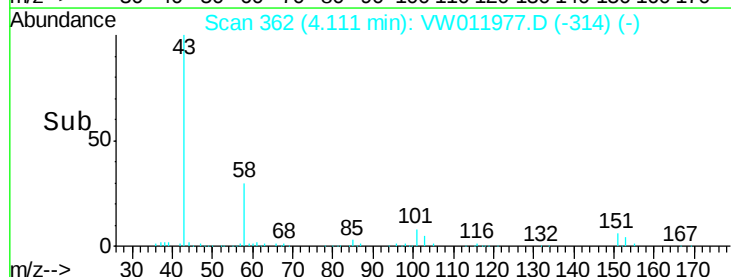
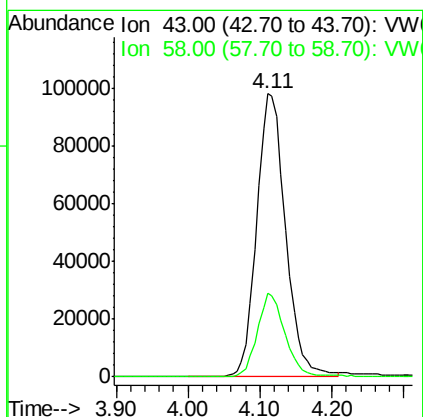
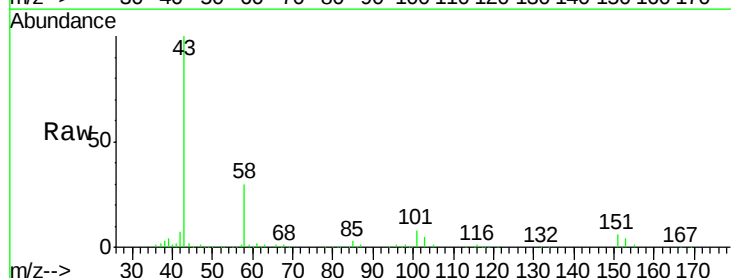
RT: 4.11 min Scan# 362

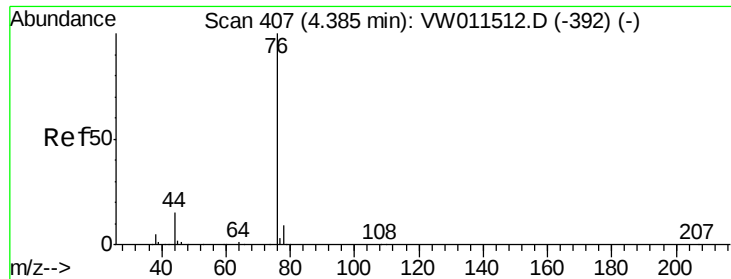
Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion	43	Resp	273661
Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.3	33.5





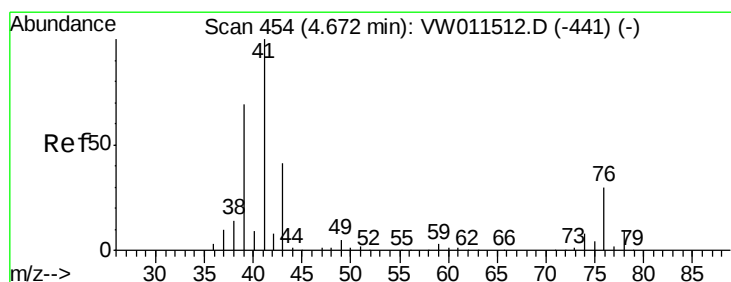
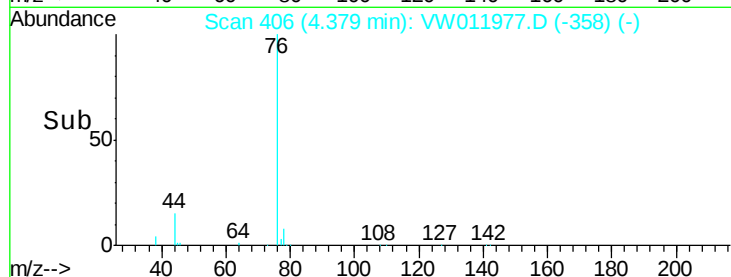
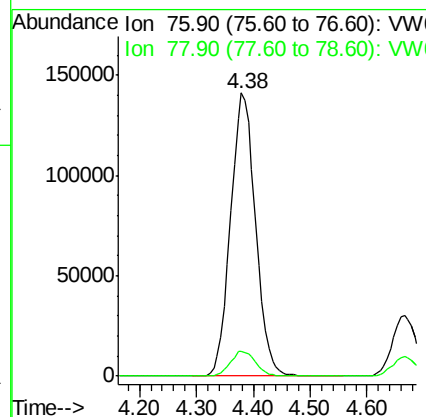
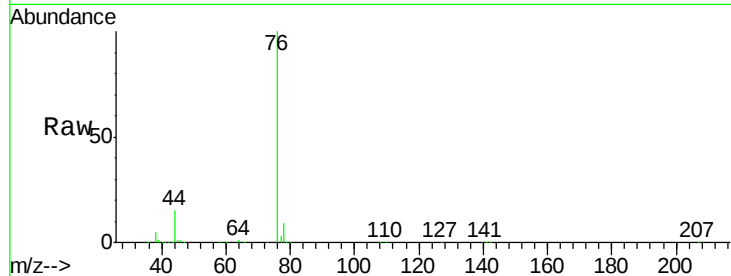
#17
Carbon Disulfide
Concen: 50.613 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

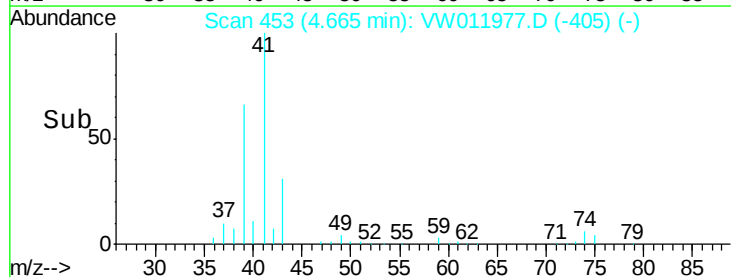
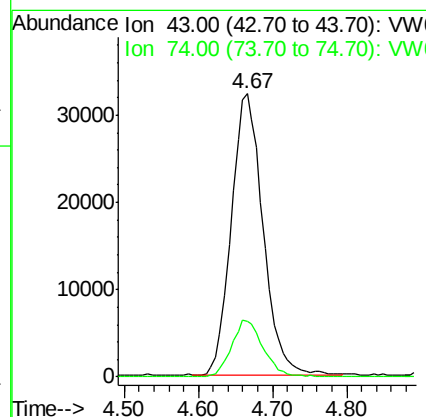
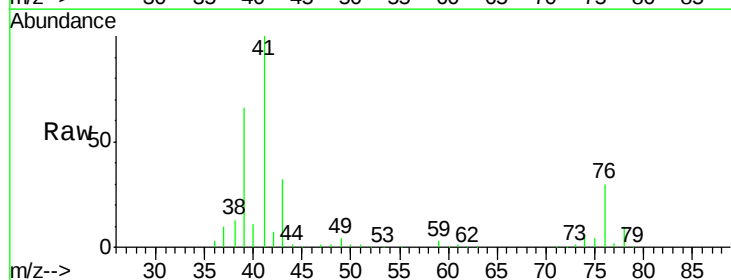
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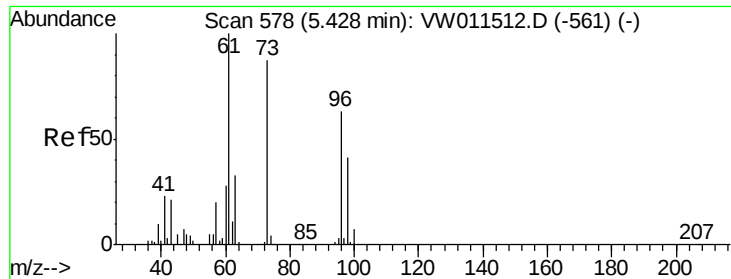
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#18
Methyl Acetate
Concen: 44.826 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.2	15.9	23.9





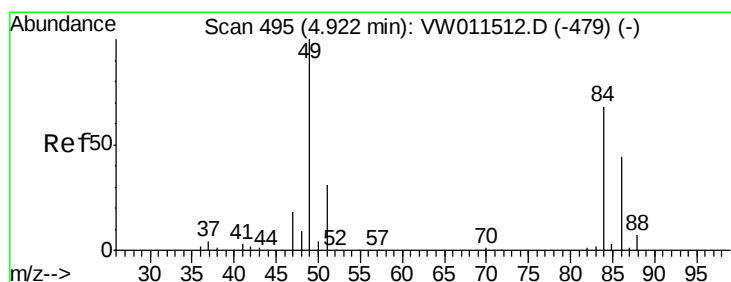
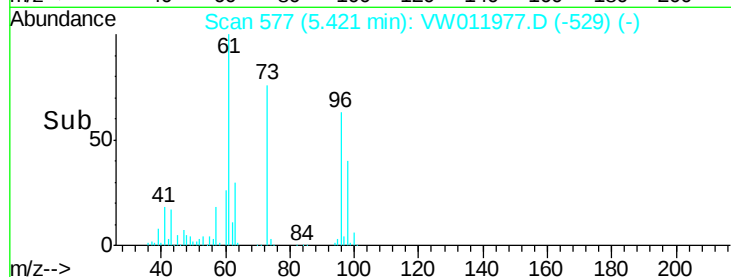
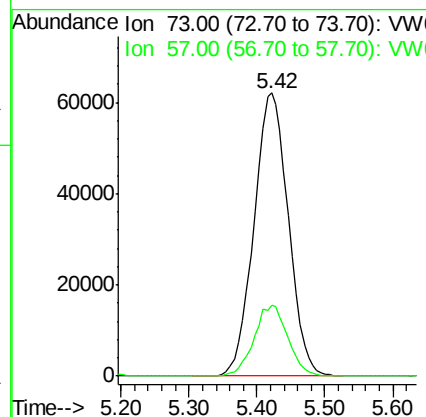
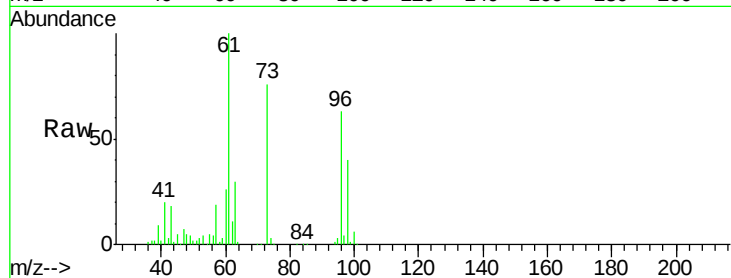
#19
Methyl tert-butyl Ether
Concen: 50.469 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 218566
Ion Ratio Lower Upper
73 100
57 25.0 18.4 27.6

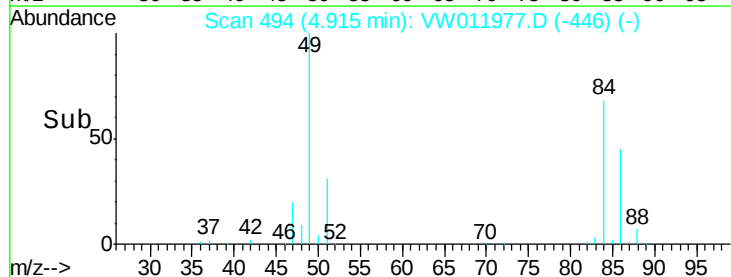
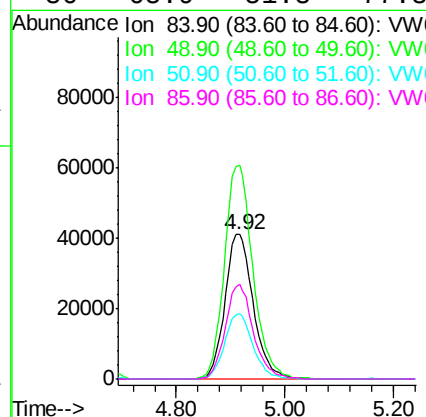
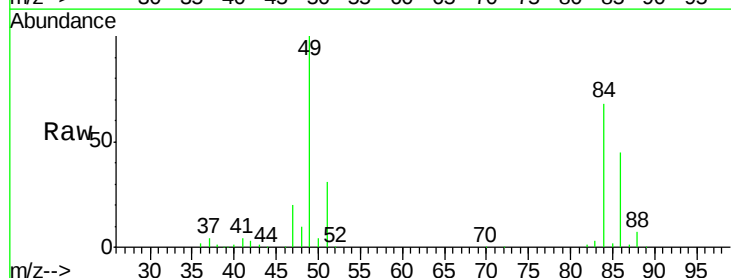
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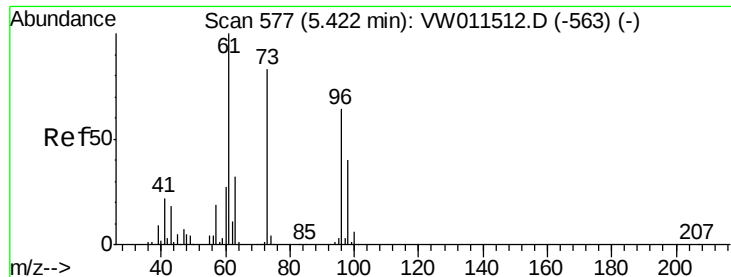
MMDadoda
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#20
Methylene Chloride
Concen: 45.070 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion: 84 Resp: 148777
Ion Ratio Lower Upper
84 100
49 147.8 117.8 176.6
51 45.1 37.0 55.4
86 65.9 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 52.257 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 153752

Ion Ratio Lower Upper

96 100

61 159.4 125.7 188.5

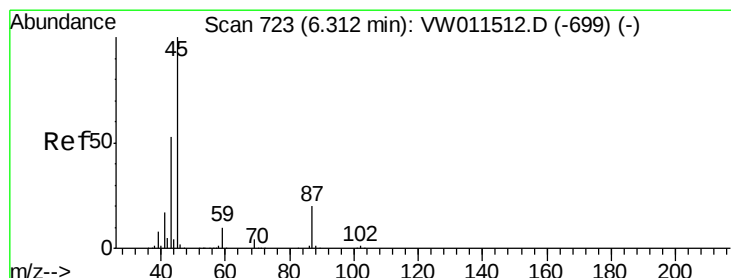
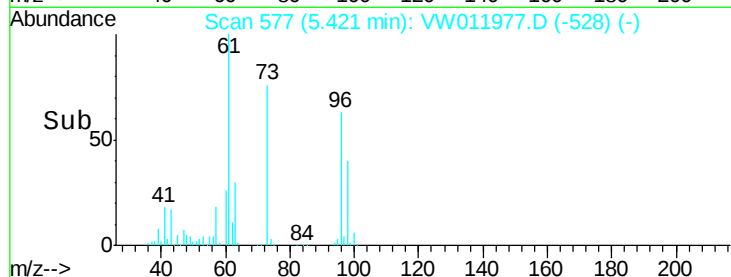
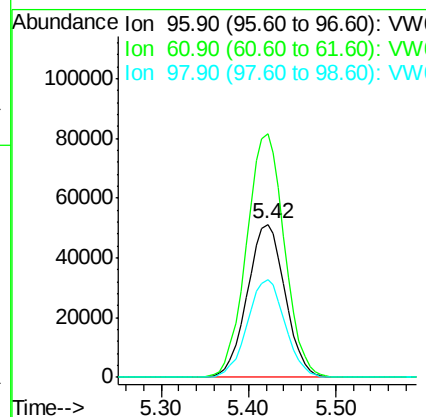
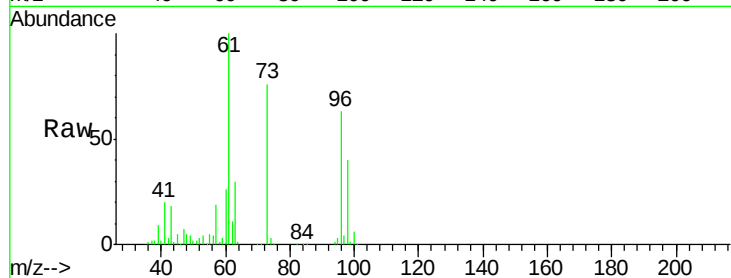
98 64.0 50.3 75.5

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#22

Diisopropyl ether

Concen: 50.199 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion: 45 Resp: 549349

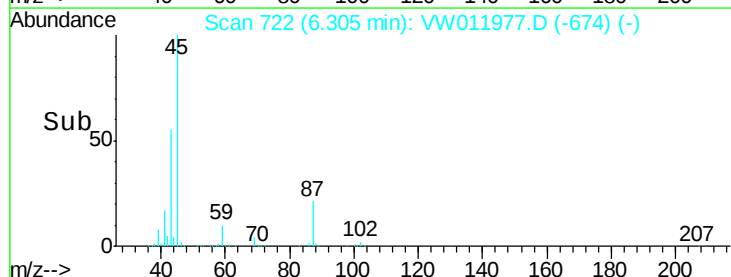
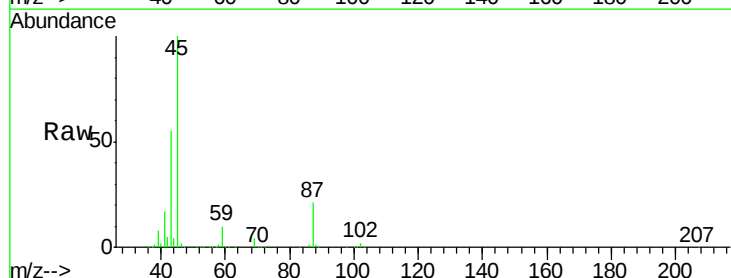
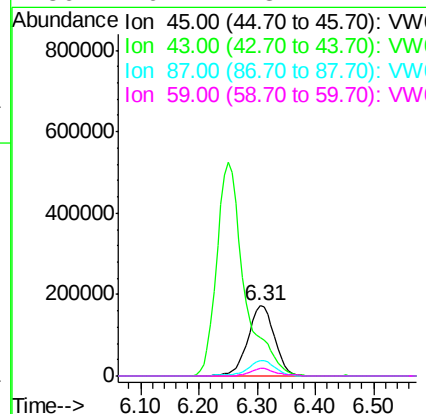
Ion Ratio Lower Upper

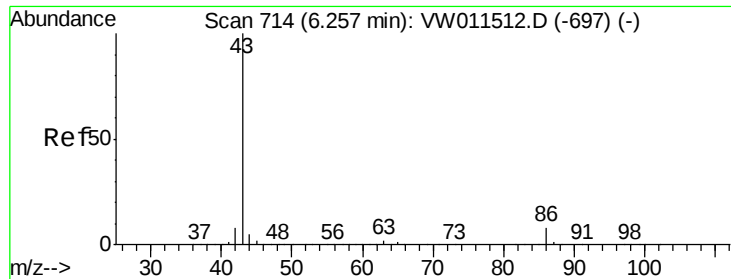
45 100

43 54.6 42.6 63.8

87 21.1 16.4 24.6

59 10.4 8.2 12.2





#23

Vinyl Acetate

Concen: 249.874 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1718239

Ion Ratio Lower Upper

43 100

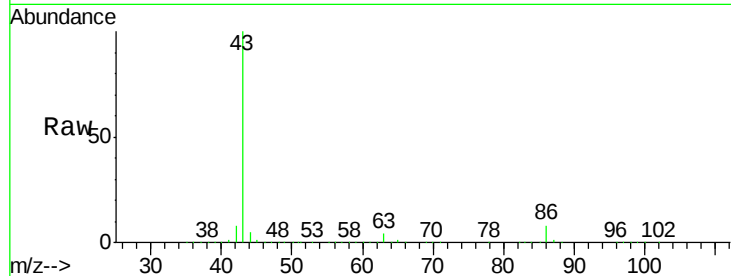
86 8.4 6.5 9.7

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

500000

400000

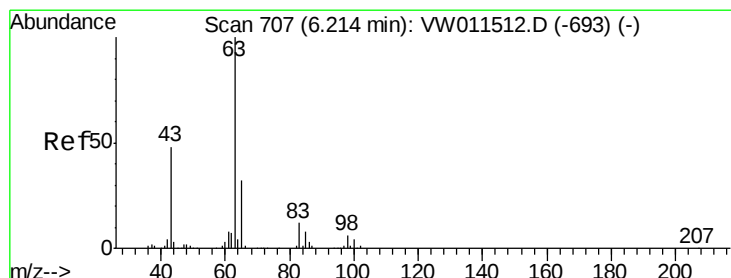
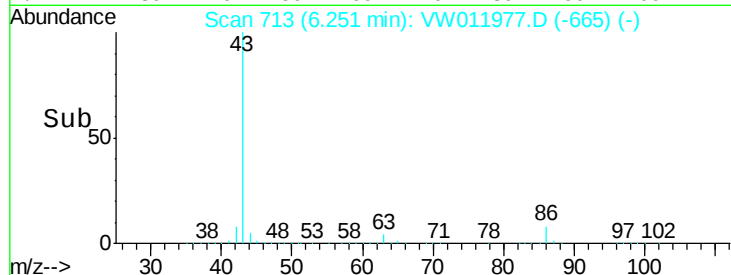
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.022 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

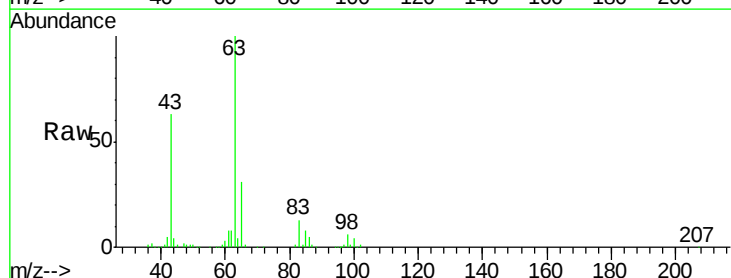
Tgt Ion: 63 Resp: 304903

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.8 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

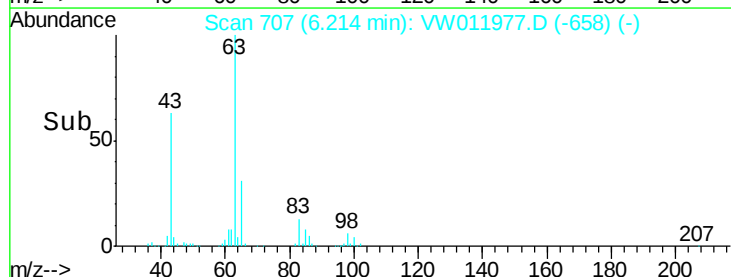
6.21

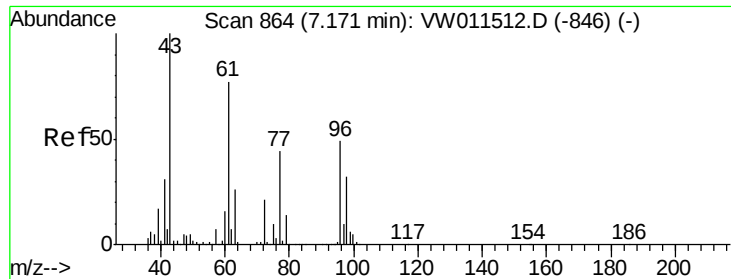
100000

50000

0

Time-->





#25

2-Butanone

Concen: 254.509 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 318762

Ion Ratio Lower Upper

43 100

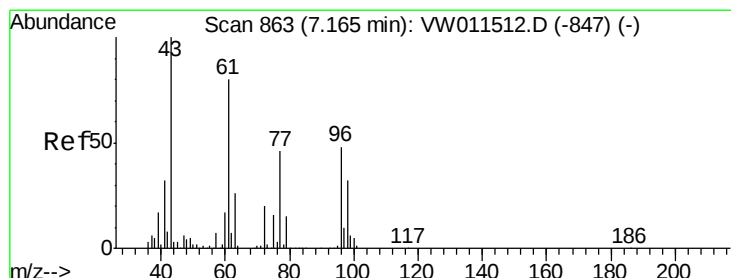
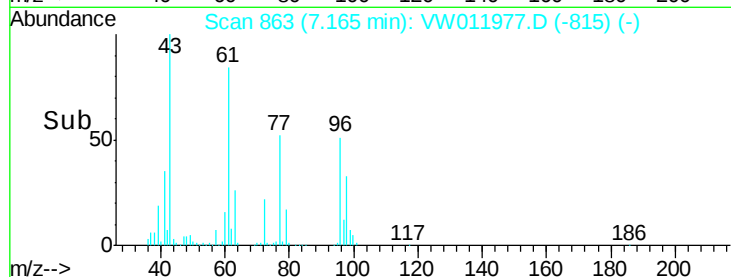
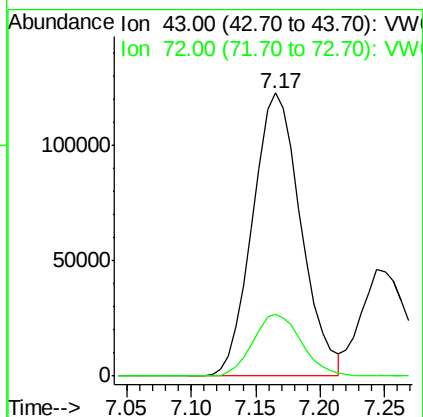
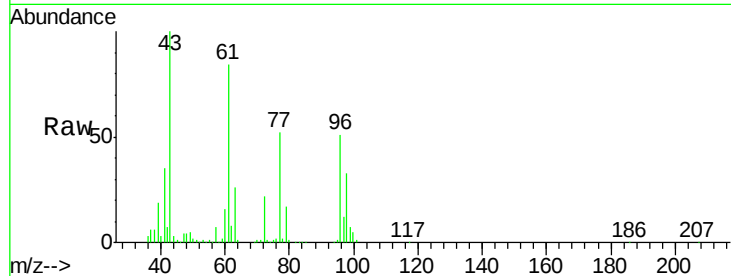
72 22.1 16.6 24.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.469 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011977.D

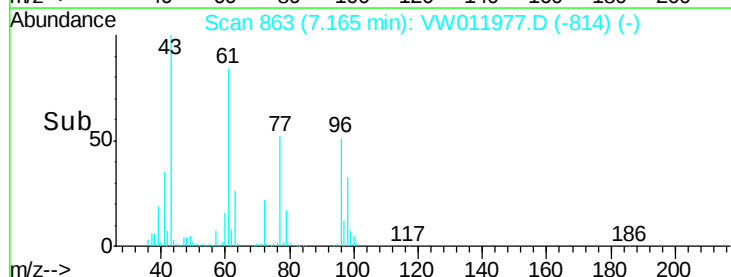
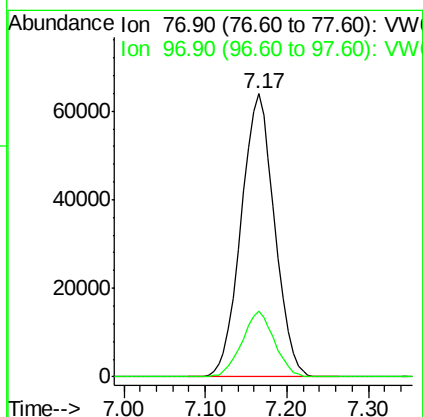
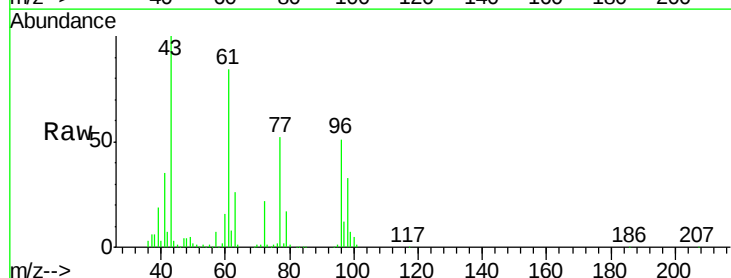
Acq: 19 Aug 2019 08:48

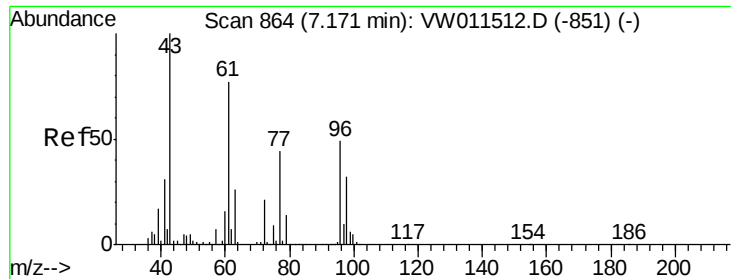
Tgt Ion: 77 Resp: 181913

Ion Ratio Lower Upper

77 100

97 22.5 10.8 32.4





#27

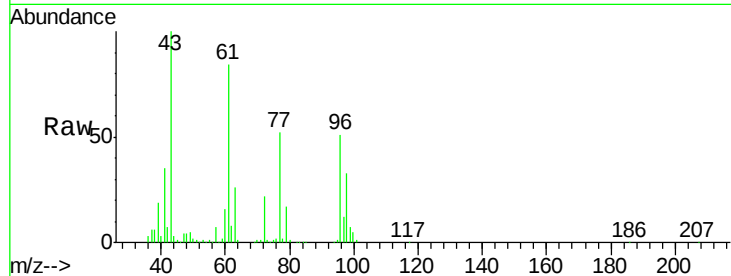
cis-1,2-Dichloroethene
Concen: 51.110 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

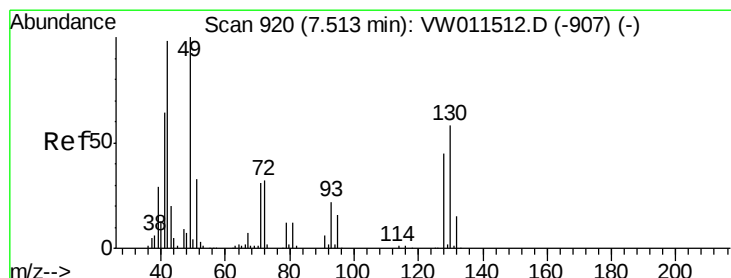
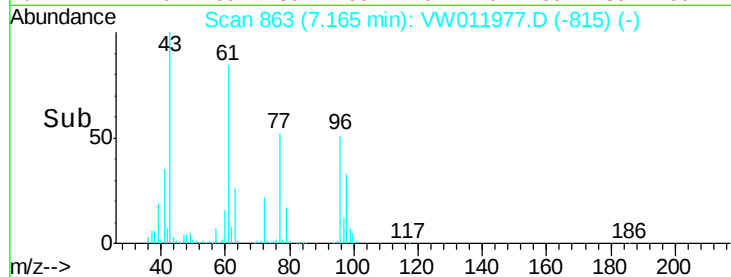
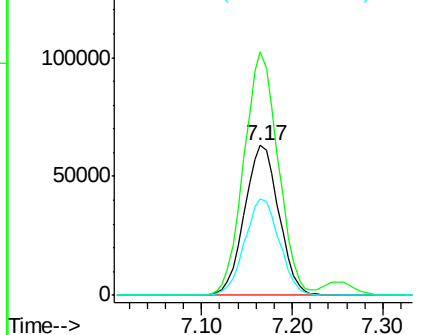
Tot Ion	Ratio	Resp	Lower	Upper
96	100	165505		
61	162.2	0.0	328.4	
98	64.9	0.0	128.8	

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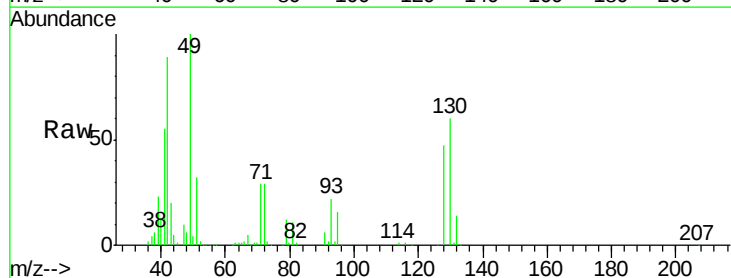
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



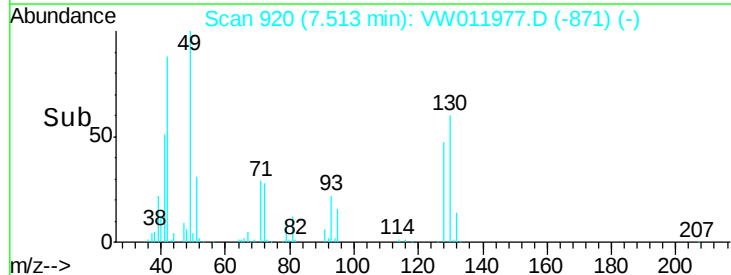
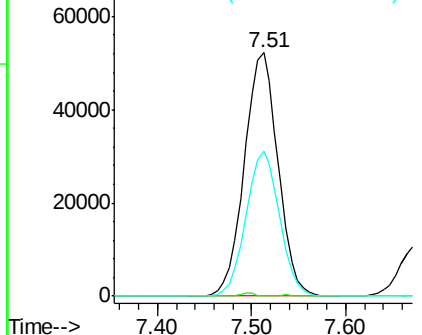
#28

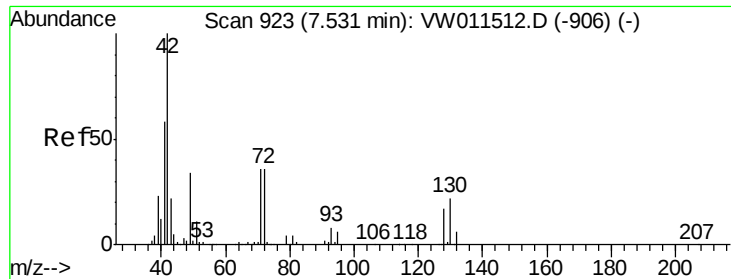
Bromochloromethane
Concen: 50.347 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	130976		
129	0.5	0.0	1.0	
130	59.3	46.3	69.5	



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





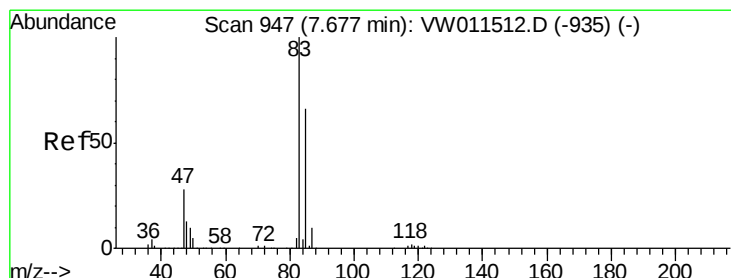
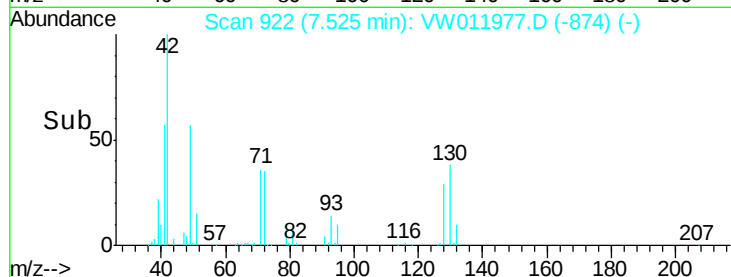
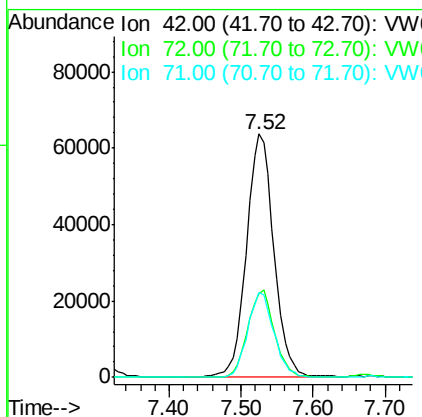
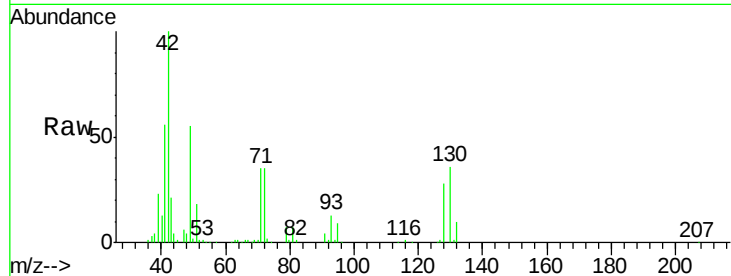
#29
Tetrahydrofuran
Concen: 233.675 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.0	27.1	40.7
71	33.6	26.2	39.4

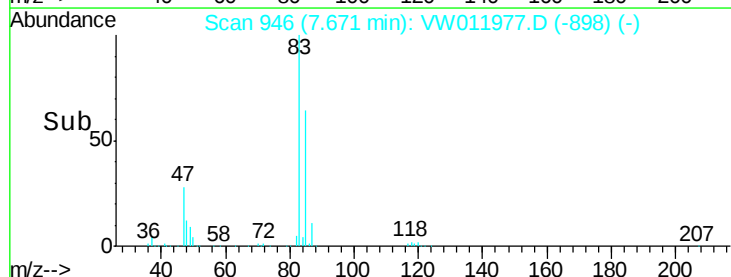
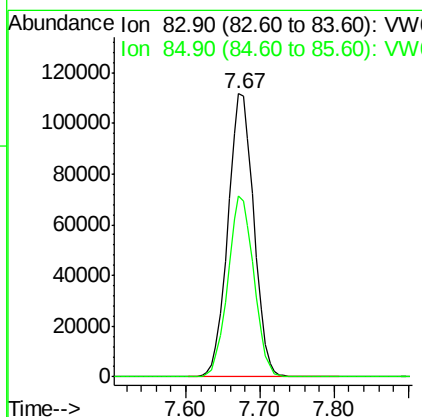
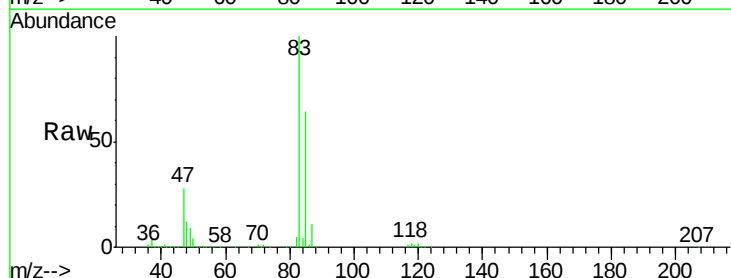
Manual Integrations
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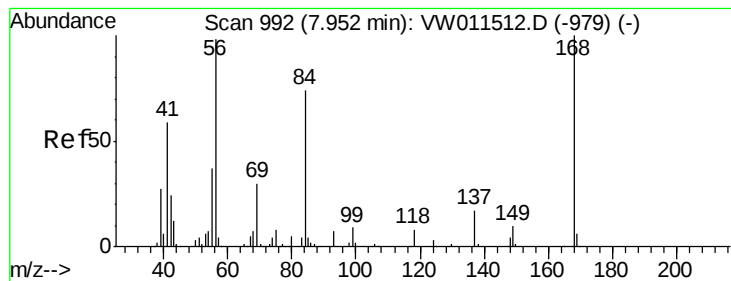
MMDadoda
8/20/2019 9:56:22 AM



#30
Chloroform
Concen: 50.163 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.5	78.7





#31

Cyclohexane

Concen: 51.373 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

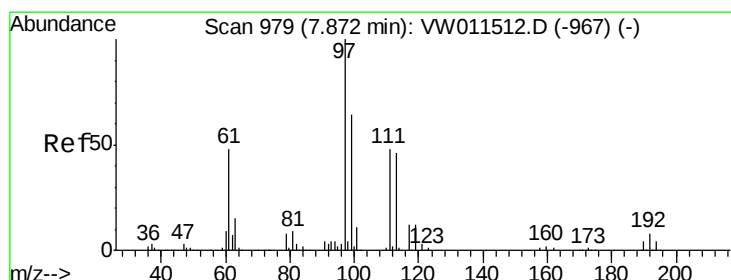
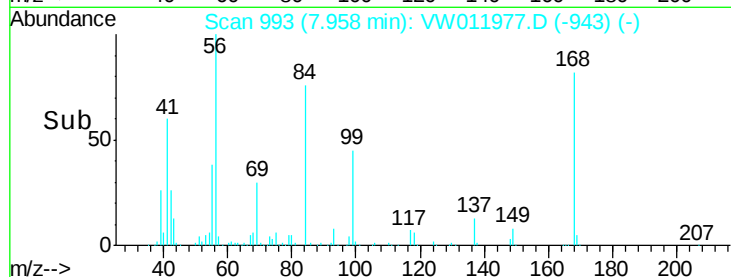
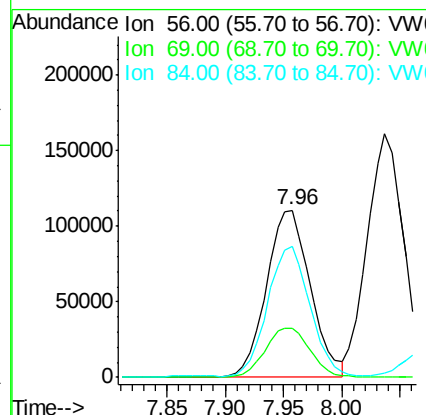
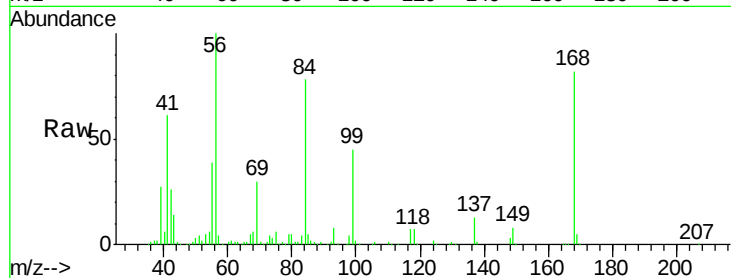
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	289025
Ion Ratio		Lower	Upper
56	100		
69	29.7	24.3	36.5
84	77.0	60.4	90.6

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#32

1,1,1-Trichloroethane

Concen: 54.558 ug/l

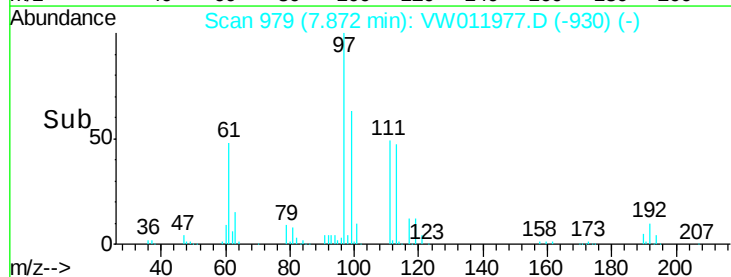
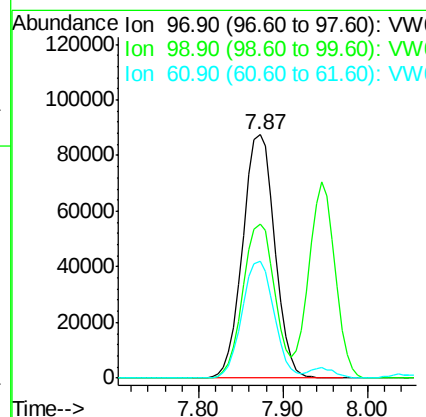
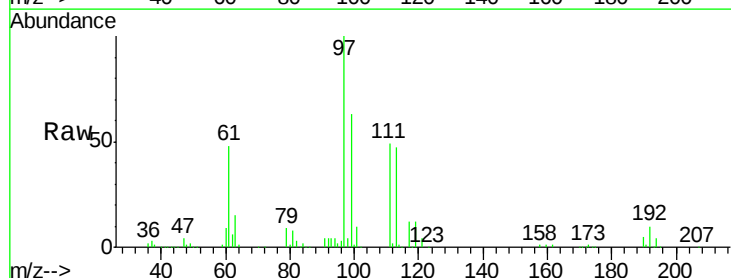
RT: 7.87 min Scan# 979

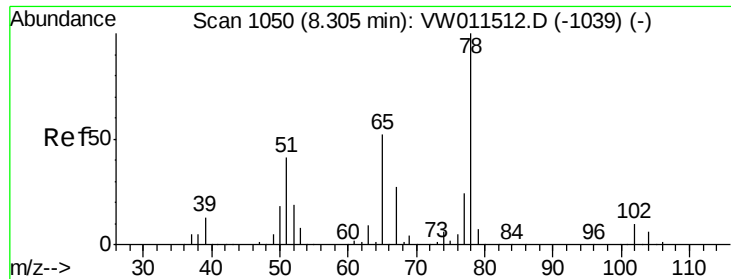
Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion:	97	Resp:	224666
Ion Ratio		Lower	Upper
97	100		
99	63.3	51.0	76.6
61	48.0	39.8	59.6





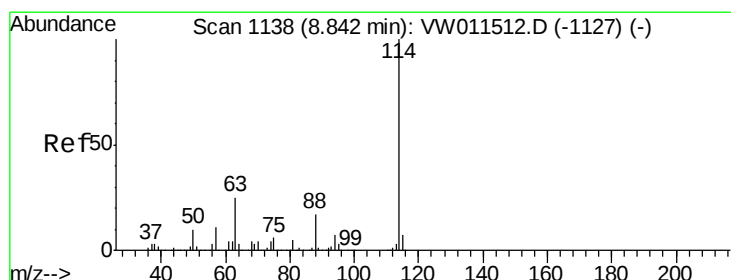
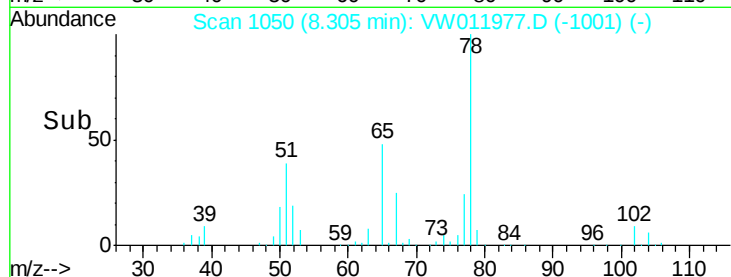
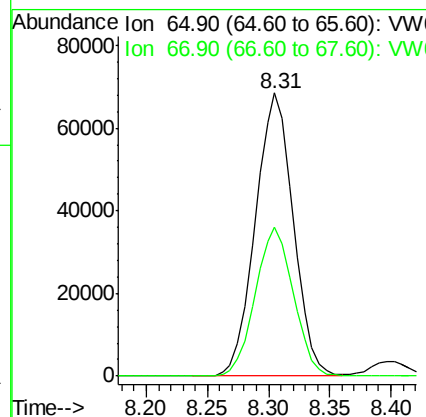
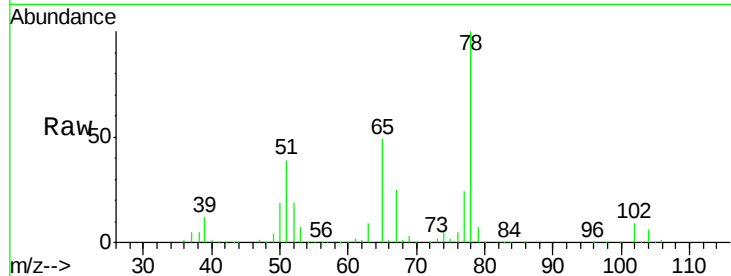
#33
 1,2-Dichloroethane-d4
 Concen: 49.123 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	147811		
67	52.9	0.0	105.2	

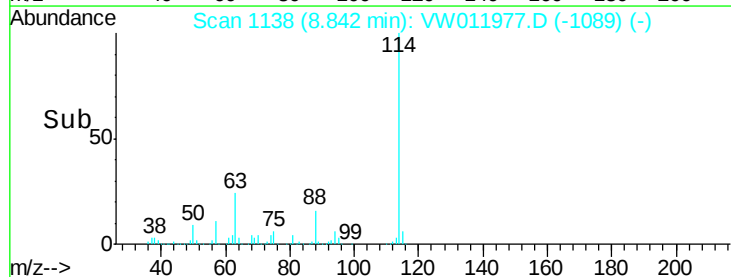
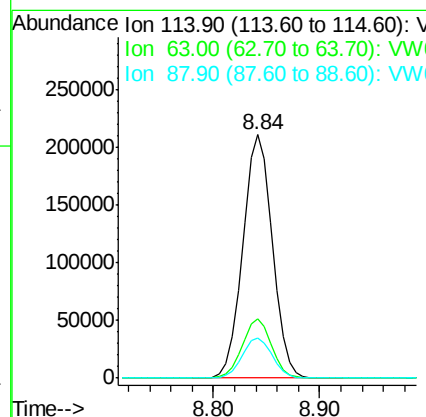
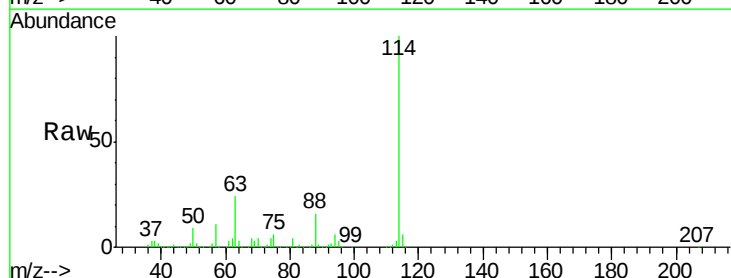
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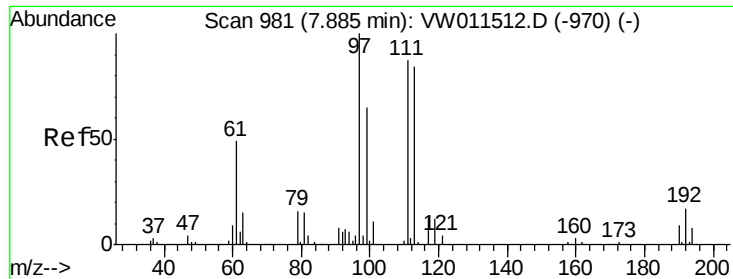
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 8/20/2019 9:56:22 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	411279		
63	24.4	0.0	49.2	
88	16.4	0.0	33.8	





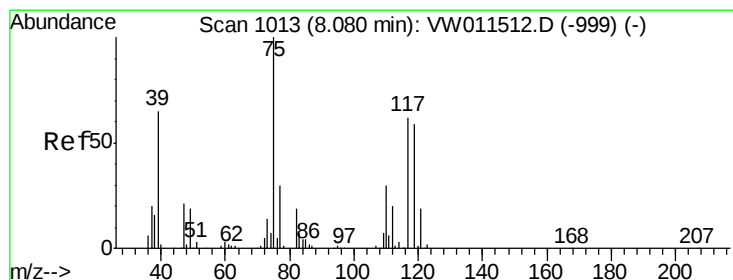
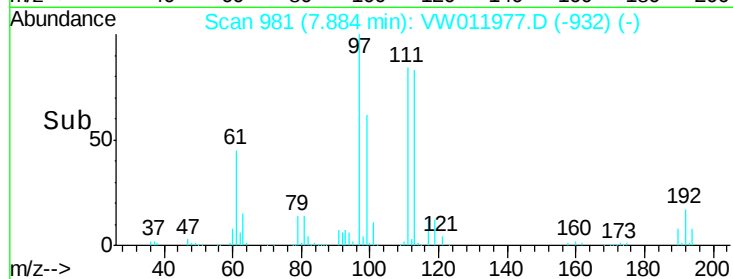
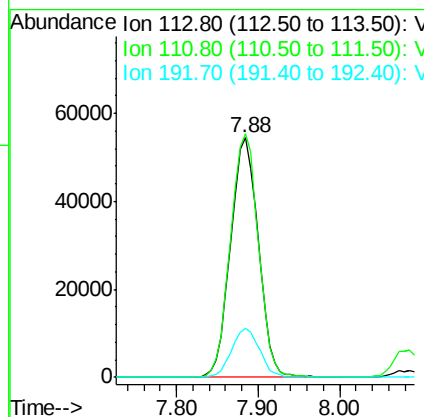
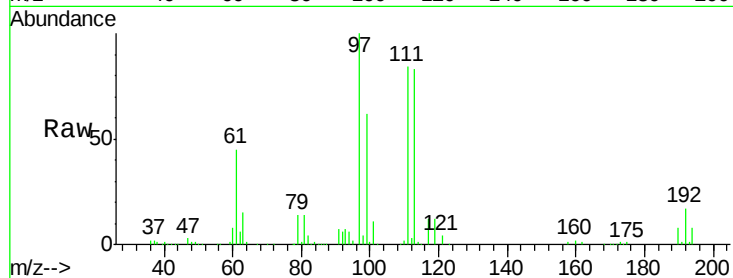
#35
Dibromofluoromethane
Concen: 55.398 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127822		
111	102.3	82.7	124.1	
192	20.5	16.1	24.1	

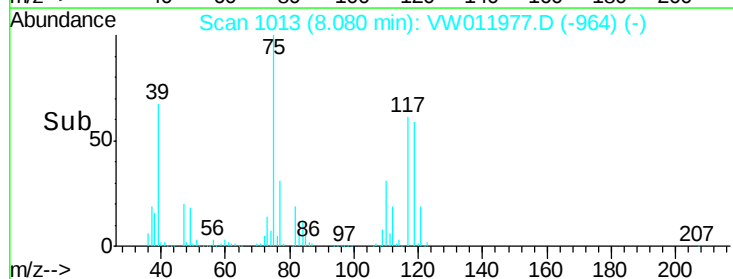
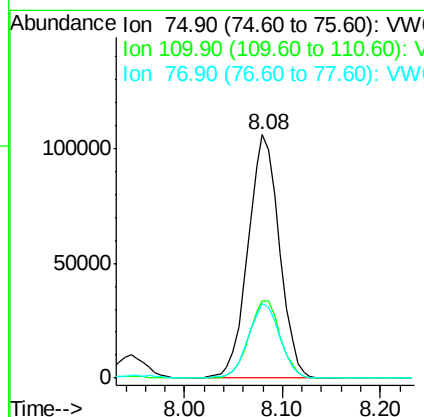
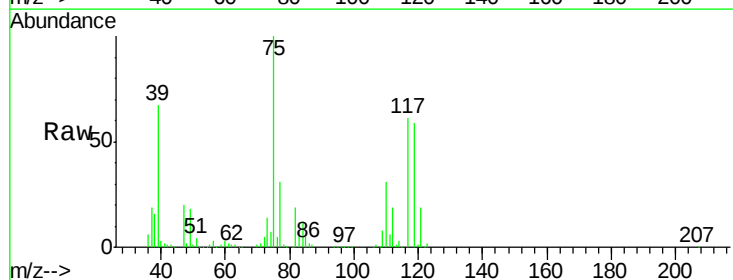
Manual Integrations
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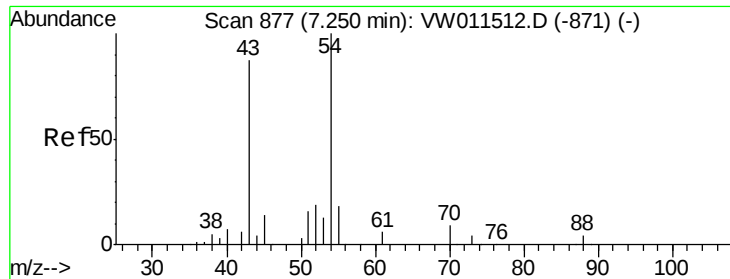
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#36
1,1-Dichloropropene
Concen: 55.123 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	235735		
110	31.8	15.6	46.8	
77	30.9	24.3	36.5	





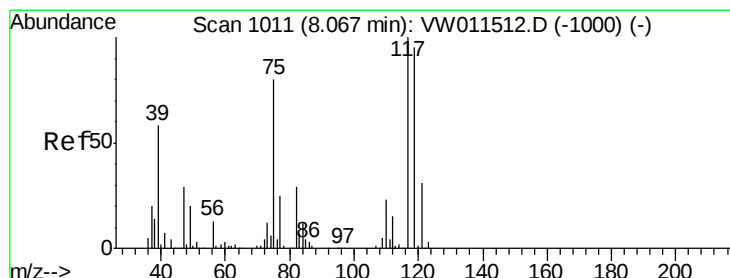
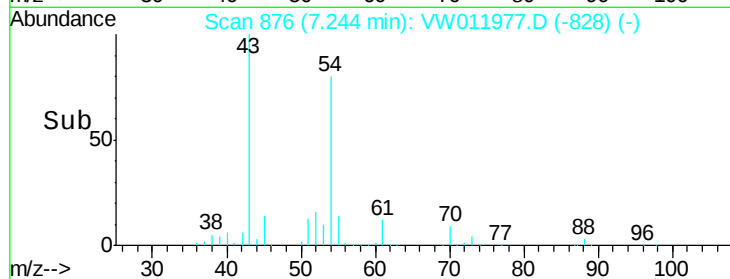
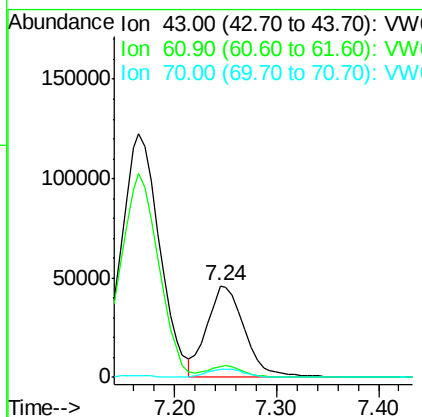
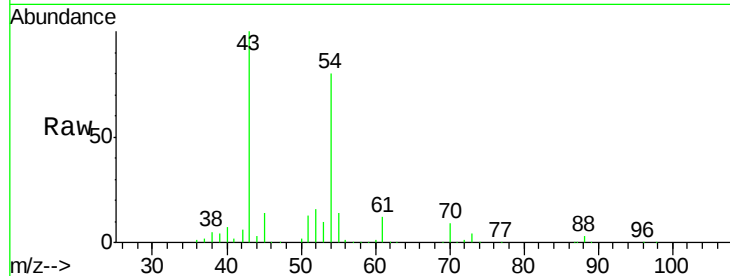
#37
Ethyl Acetate
Concen: 47.450 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	116746		
61	12.3		8.8	13.2
70	9.3		7.1	10.7

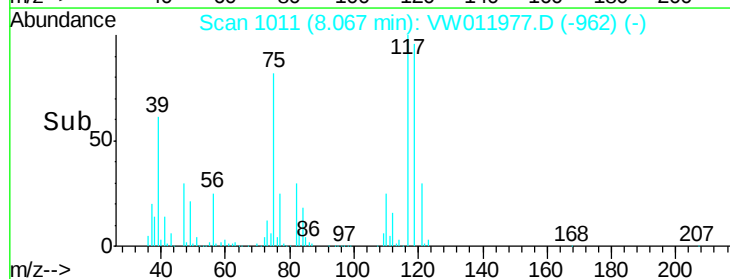
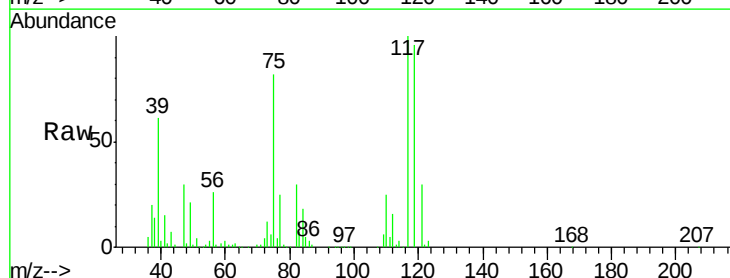
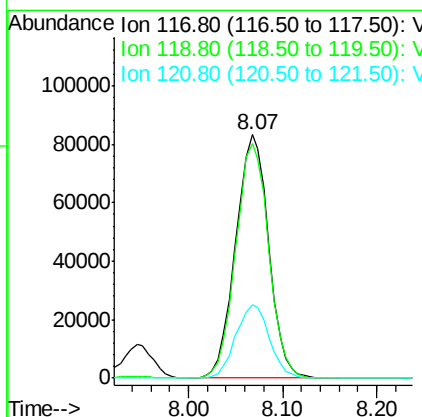
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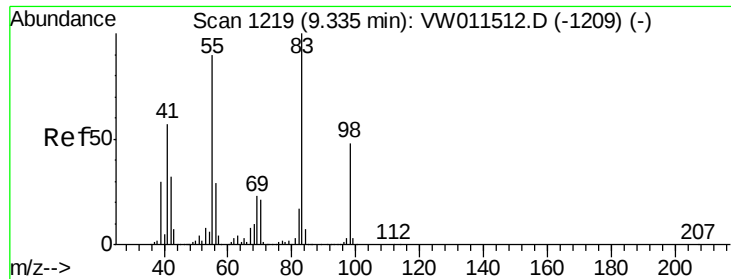
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#38
Carbon Tetrachloride
Concen: 55.618 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	203620		
119	96.2		75.8	113.6
121	30.0		24.7	37.1





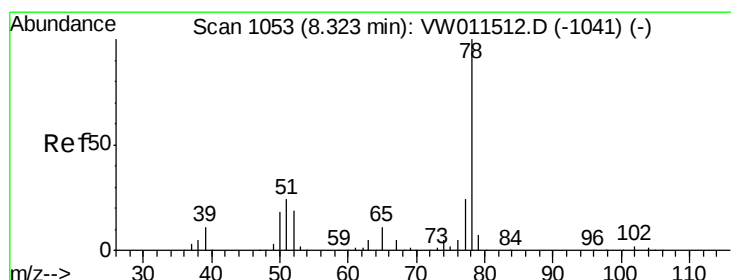
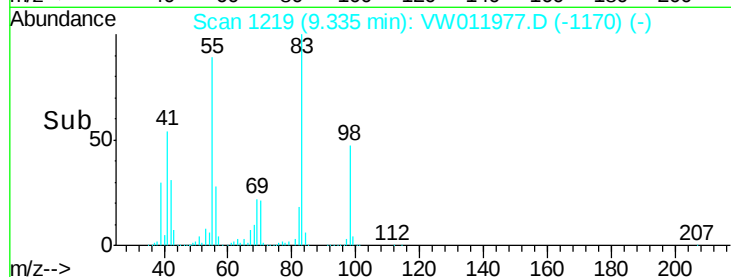
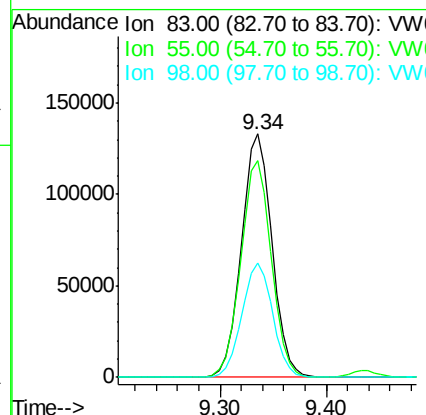
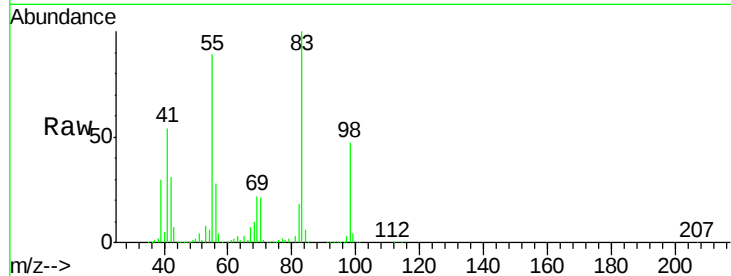
#39
Methvlcvclohexane
Concen: 57.217 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.1	72.1	108.1
98	47.1	38.6	57.8

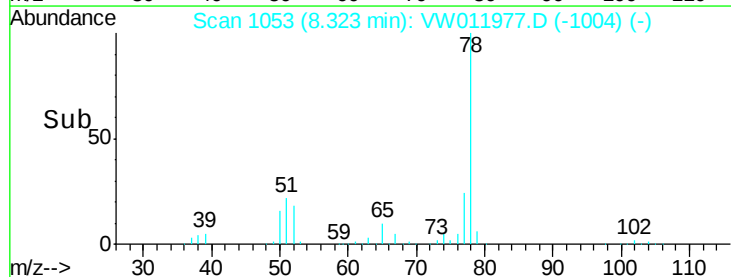
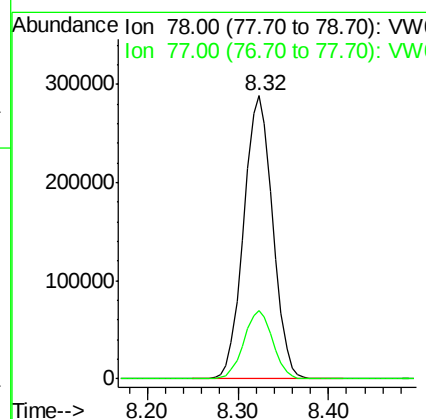
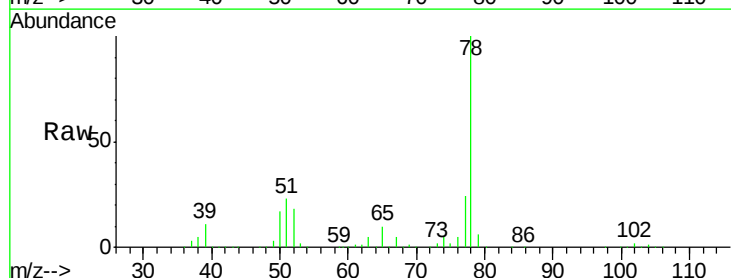
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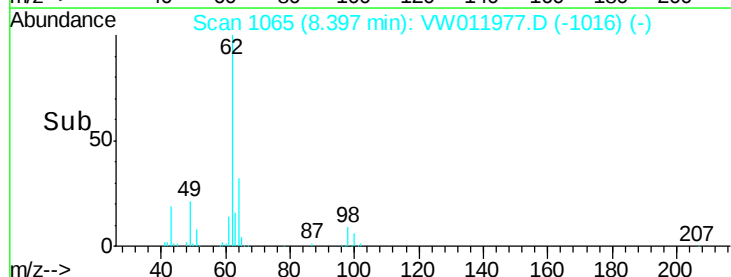
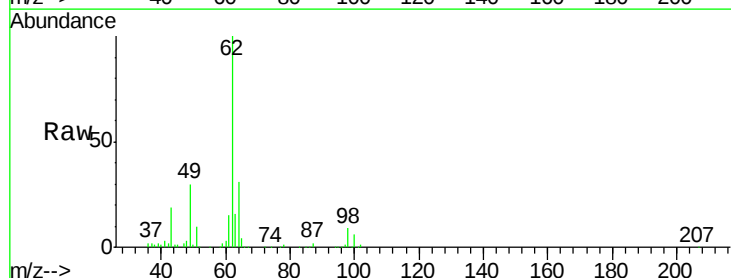
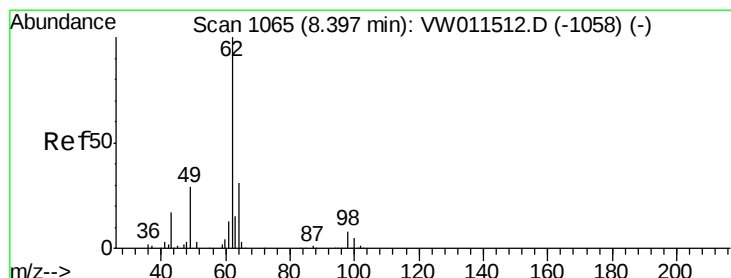
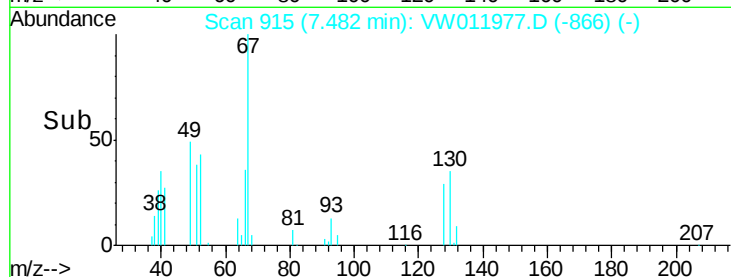
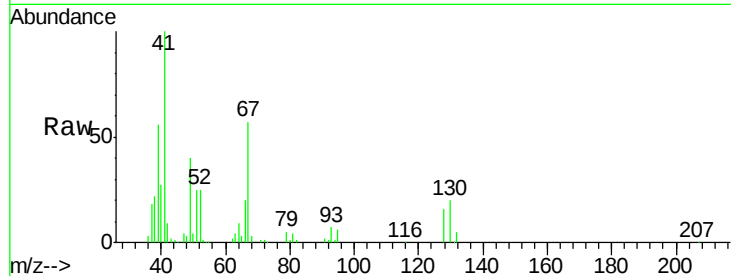
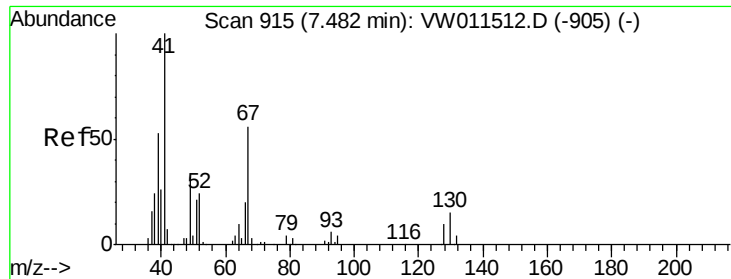
MMDadoda
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#40
Benzene
Concen: 53.126 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

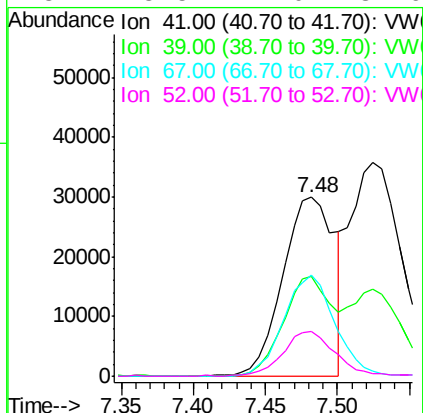
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





#41
Methacrylonitrile
Concen: 50.880 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	74833		
39	39	52.2		43.0	64.4
67	67	56.6		47.5	71.3
52	52	25.5		21.0	31.6



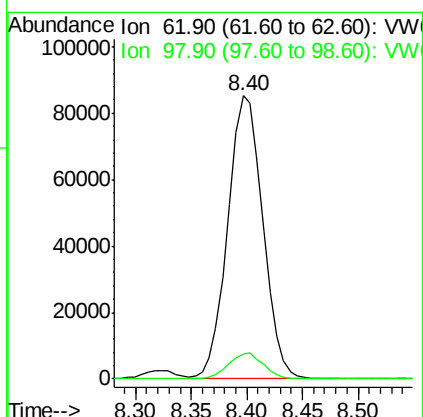
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

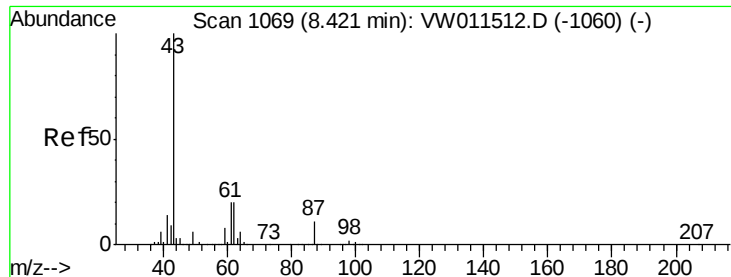
Manual Integrations
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8/20/2019 9:56:22 AM

#42
1,2-Dichloroethane
Concen: 49.597 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	186010		
98	98	9.1		0.0	16.8





#43

Isopropyl Acetate

Concen: 49.349 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

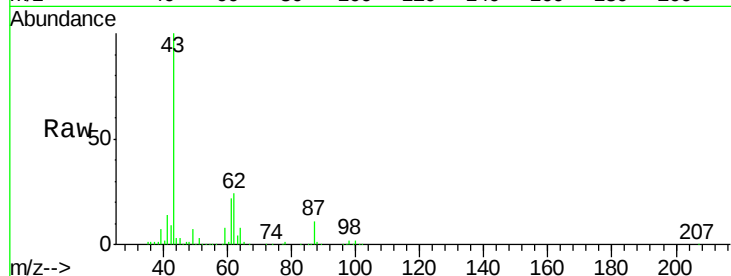
ClientSampleId :

VSTDCCC050

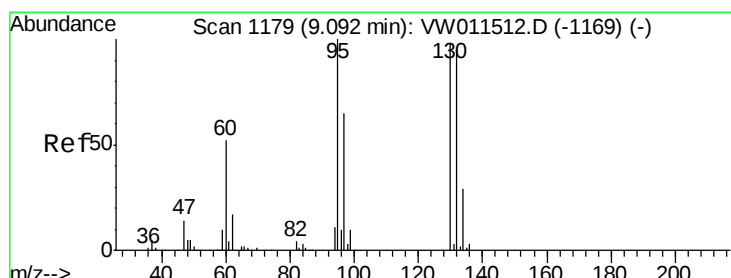
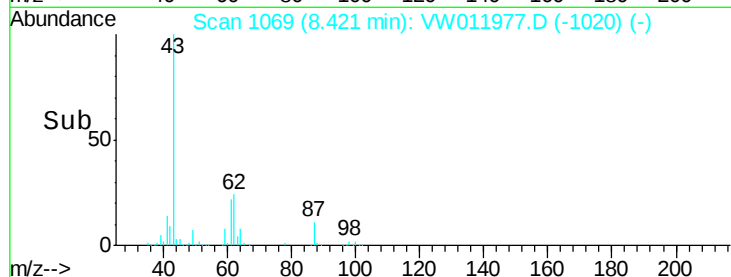
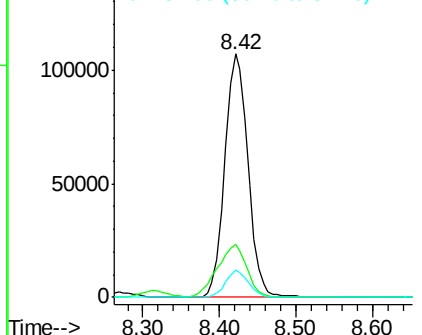
Tot Ion:	43	Resp:	223297
Ion	Ratio	Lower	Upper
43	100		
61	27.7	21.5	32.3
87	10.9	8.4	12.6

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Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 55.214 ug/l

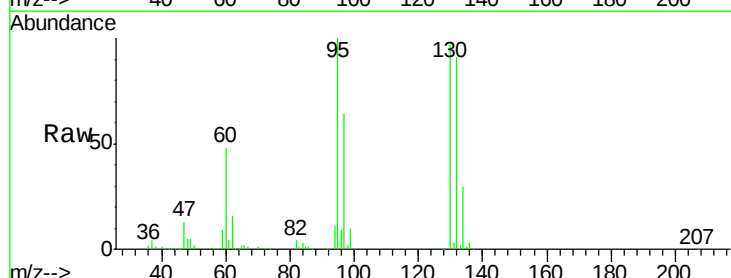
RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

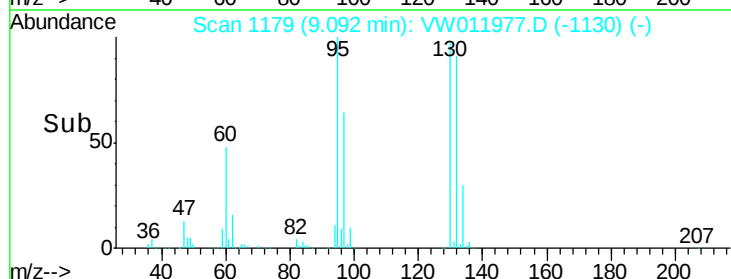
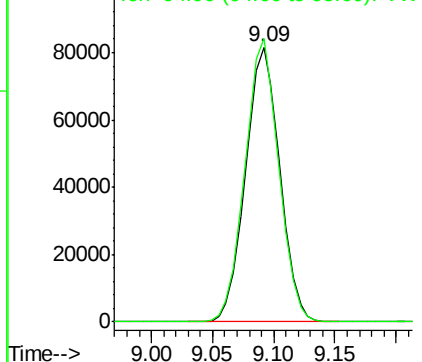
Lab File: VW011977.D

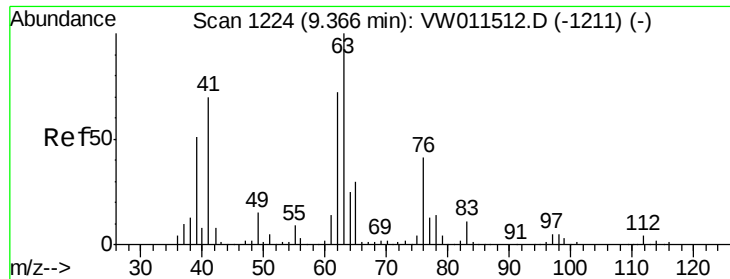
Acq: 19 Aug 2019 08:48

Tgt Ion:	130	Resp:	158965
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	204.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





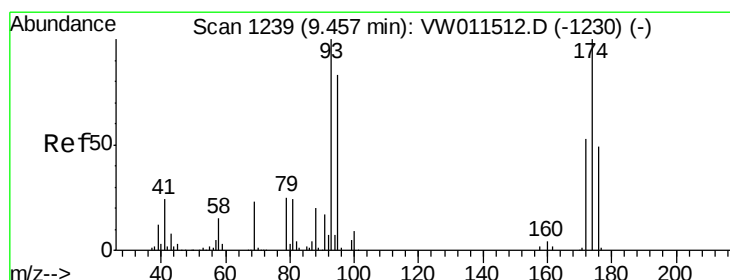
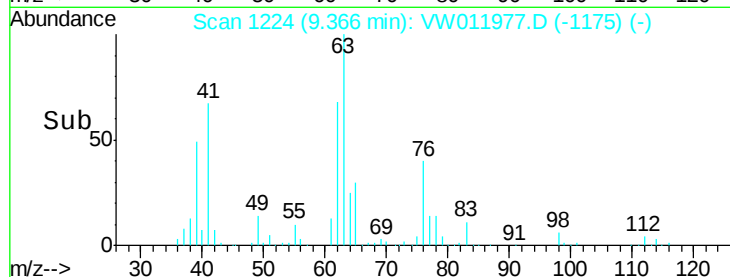
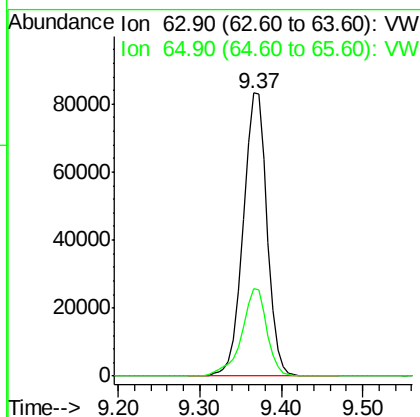
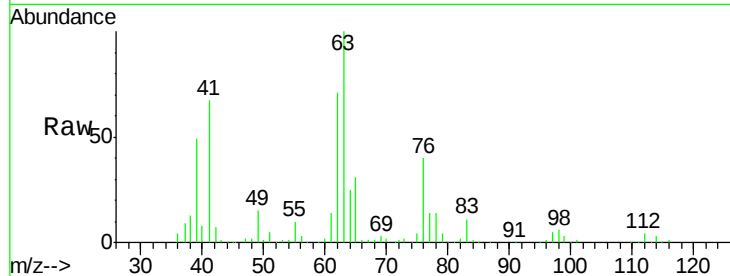
#45
 1,2-Dichloropropane
 Concen: 52.519 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 168331
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.4

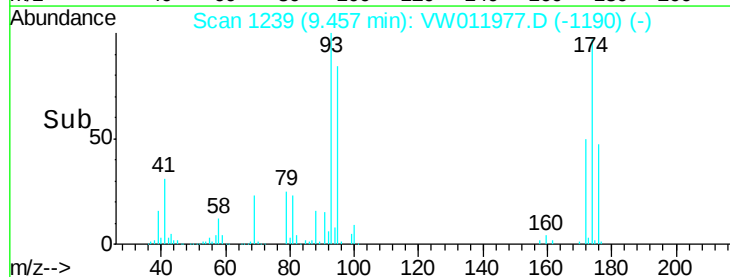
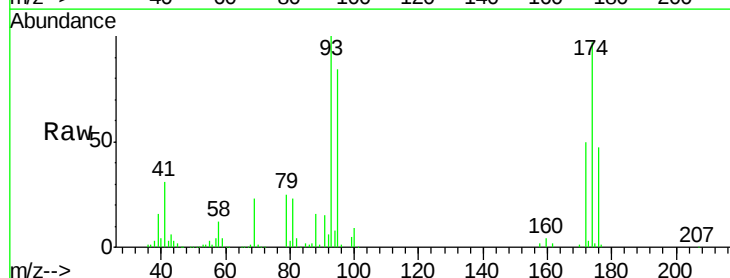
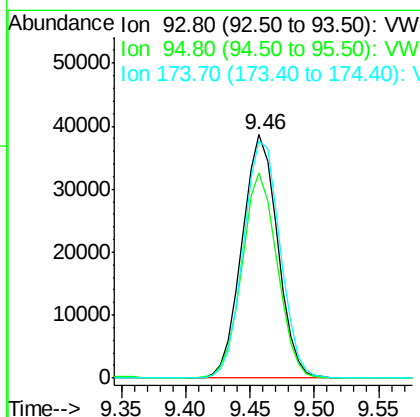
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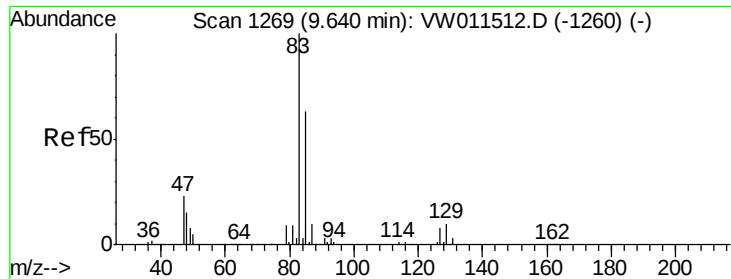
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#46
 Dibromomethane
 Concen: 50.562 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 93 Resp: 73966
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.2
 174 100.4 78.2 117.4





#47

Bromodichloromethane

Concen: 52.538 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

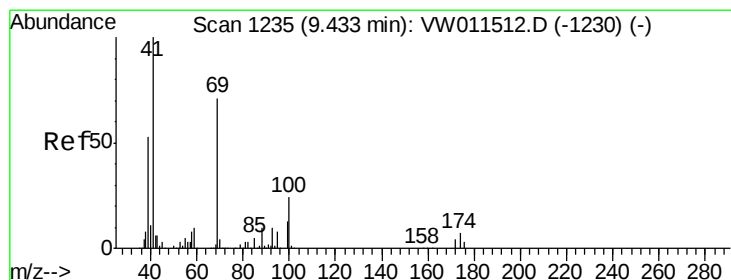
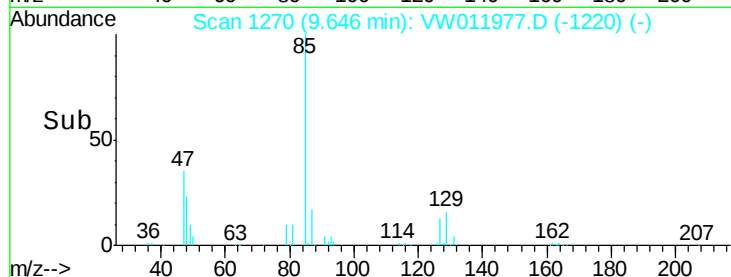
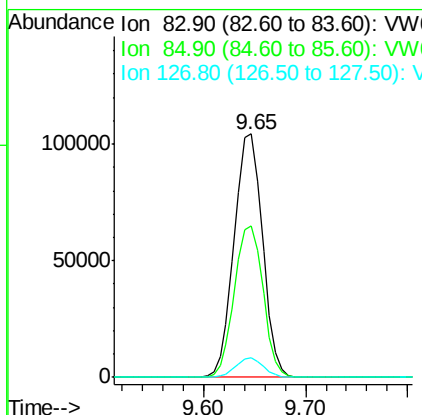
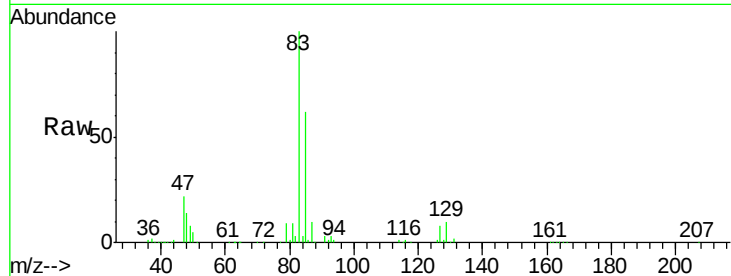
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	201605
Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.5	75.7
127	7.9	6.4	9.6

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#48

Methyl methacrylate

Concen: 49.744 ug/l

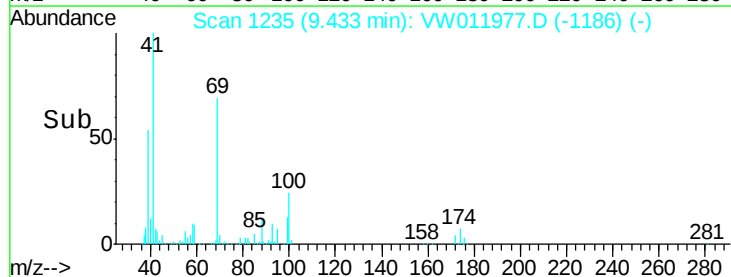
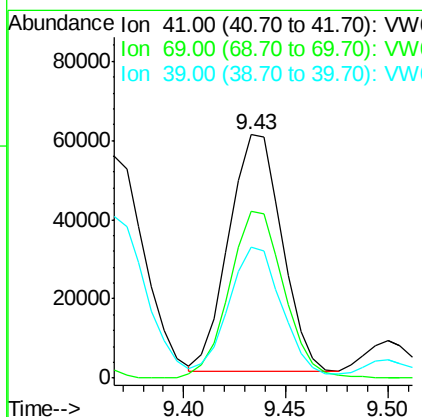
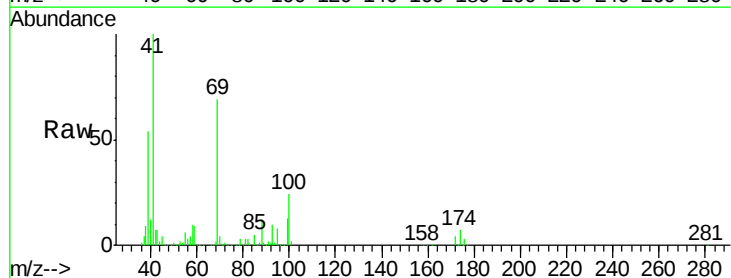
RT: 9.43 min Scan# 1235

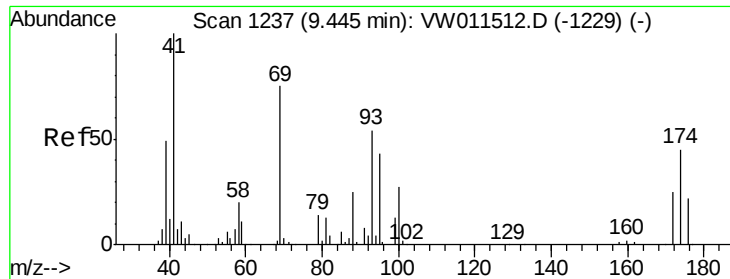
Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion:	41	Resp:	108123
Ion	Ratio	Lower	Upper
41	100		
69	73.0	57.1	85.7
39	52.5	45.4	68.2





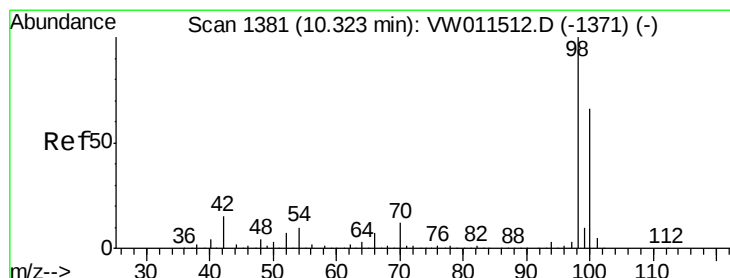
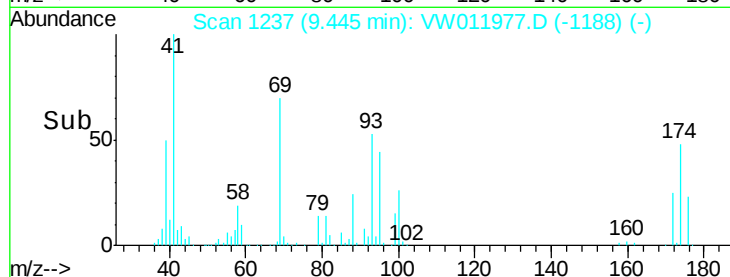
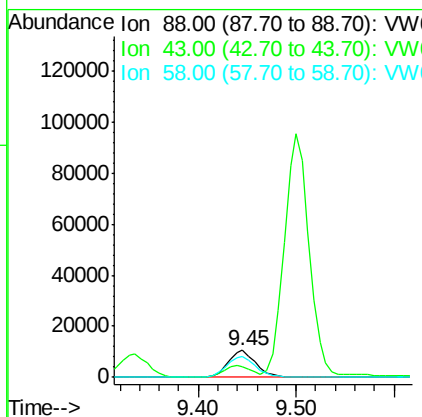
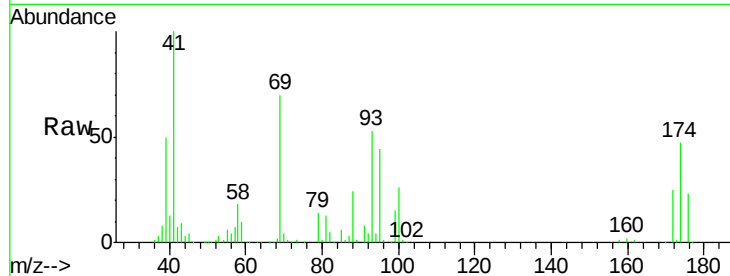
#49
1,4-Dioxane
Concen: 993.453 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	21043
Ion	Ratio	Lower	Upper
88	100		
43	40.9	34.0	51.0
58	84.0	69.7	104.5

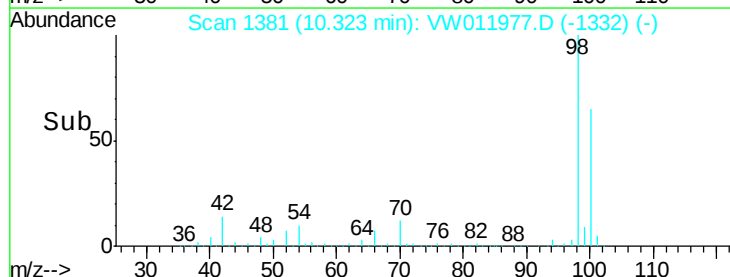
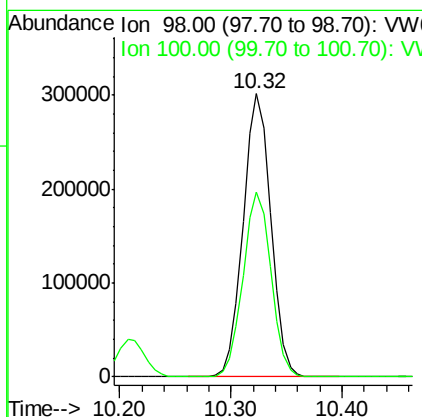
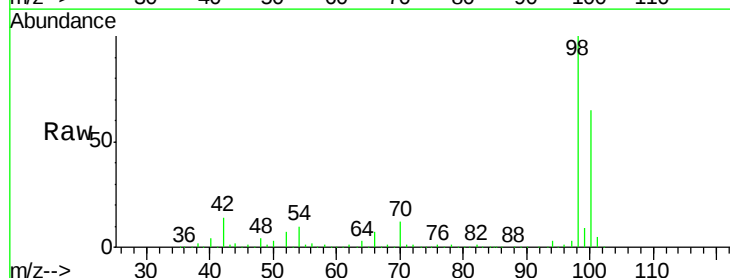
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#50
Toluene-d8
Concen: 55.243 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion	98	Resp	521879
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 245.082 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 576829

Ion Ratio Lower Upper

43 100

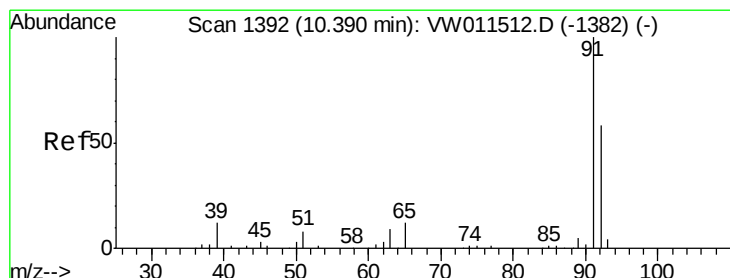
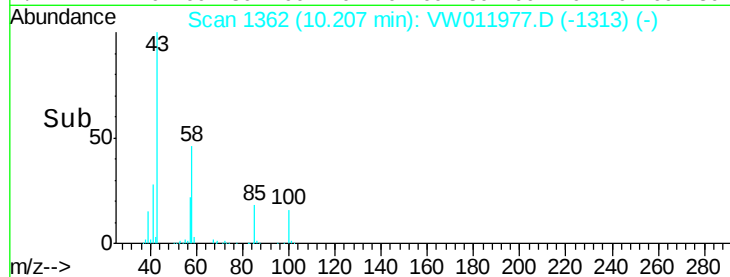
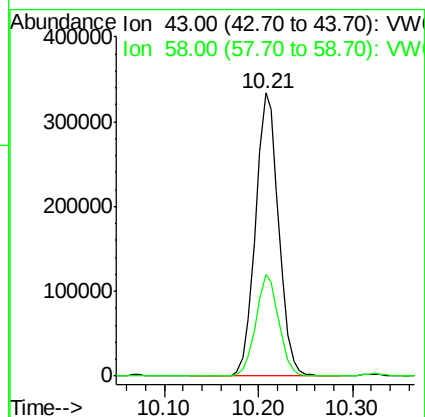
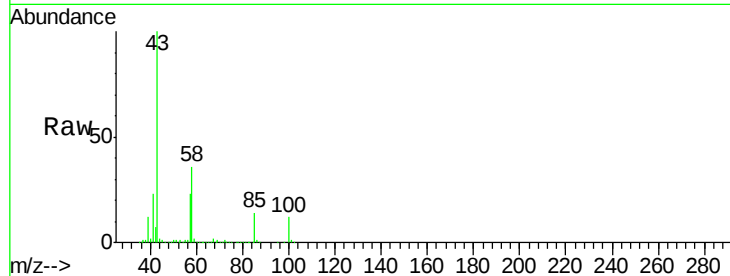
58 35.6 28.2 42.2

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#52

Toluene

Concen: 53.863 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011977.D

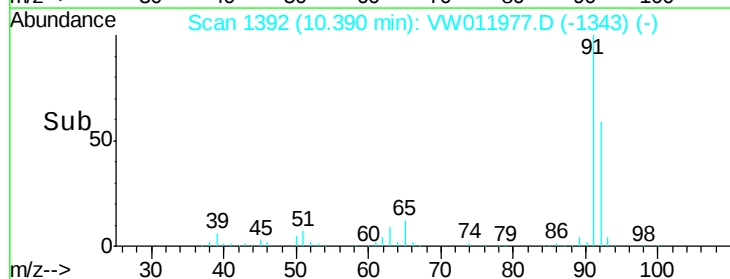
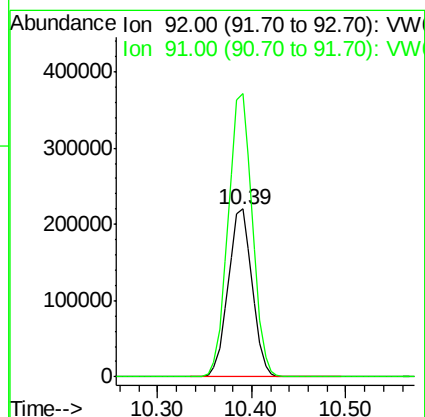
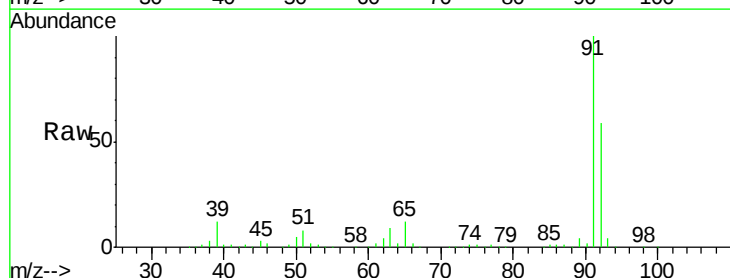
Acq: 19 Aug 2019 08:48

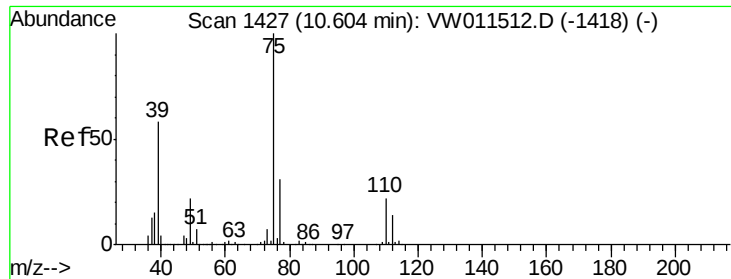
Tgt Ion: 92 Resp: 389648

Ion Ratio Lower Upper

92 100

91 170.1 136.7 205.1





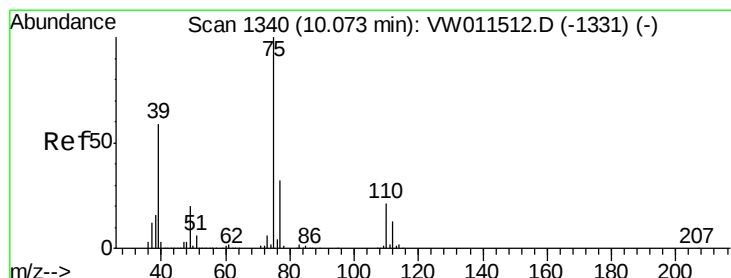
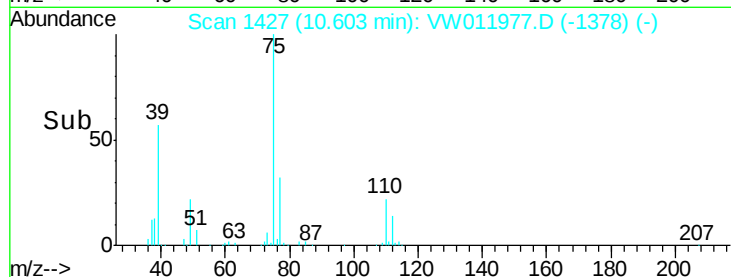
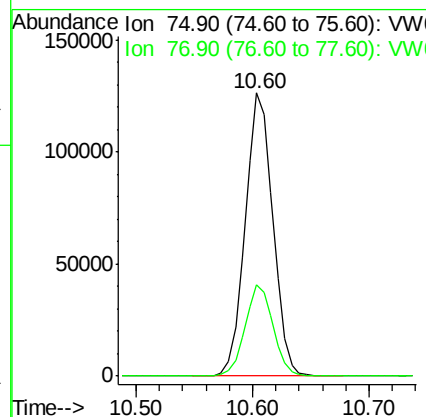
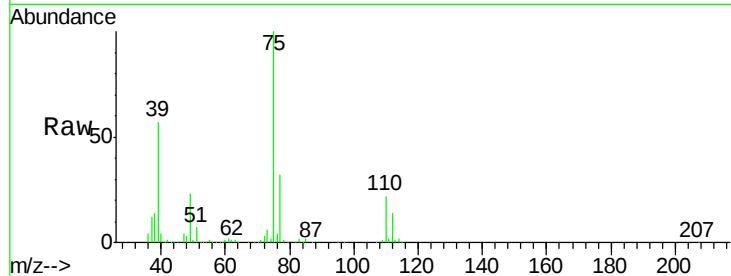
#53
 t-1,3-Dichloropropene
 Concen: 52.392 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 210013
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4

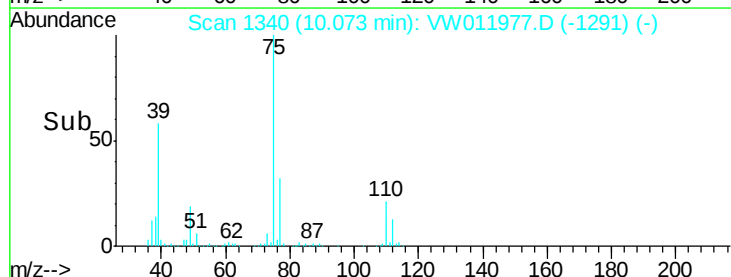
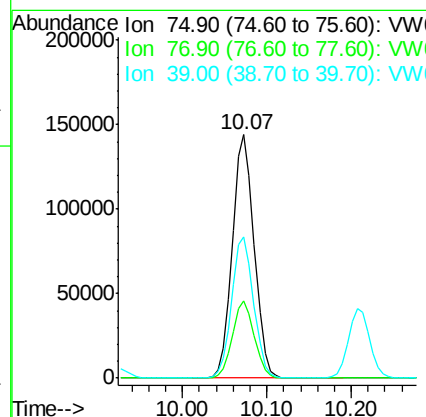
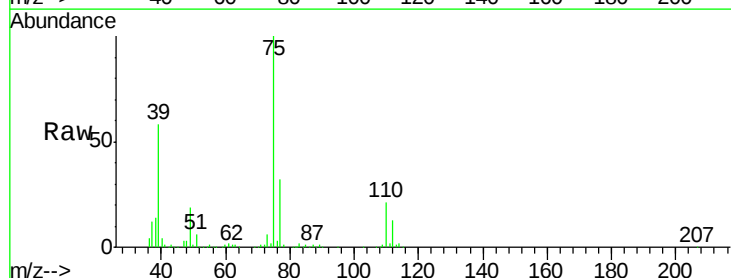
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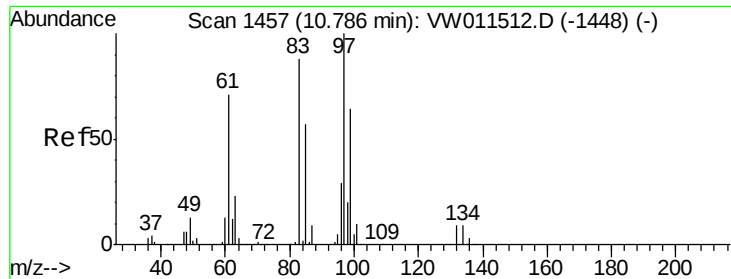
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#54
 cis-1,3-Dichloropropene
 Concen: 53.272 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 75 Resp: 253900
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 58.0 47.0 70.4





#55

1,1,2-Trichloroethane

Concen: 50.905 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

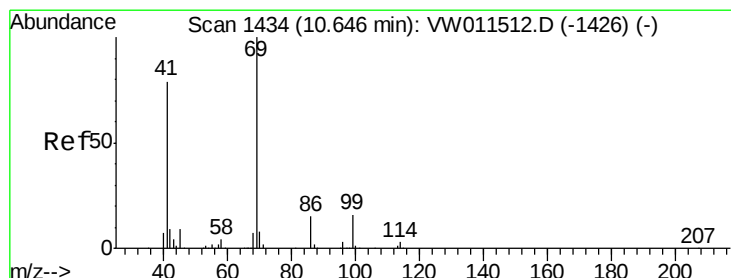
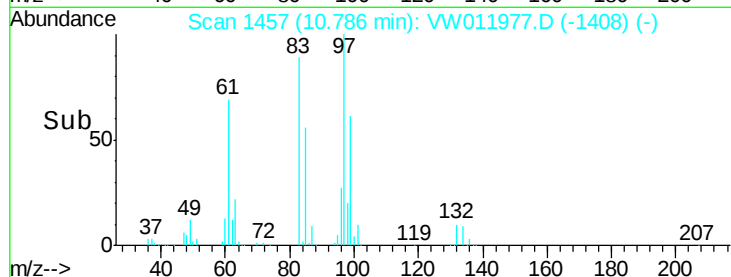
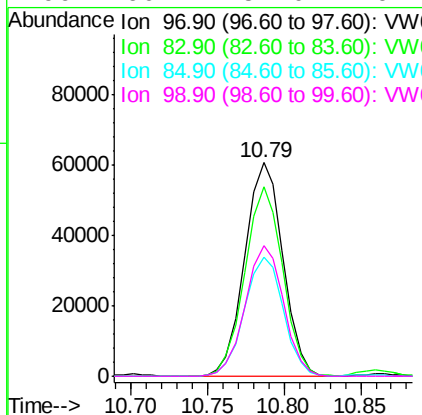
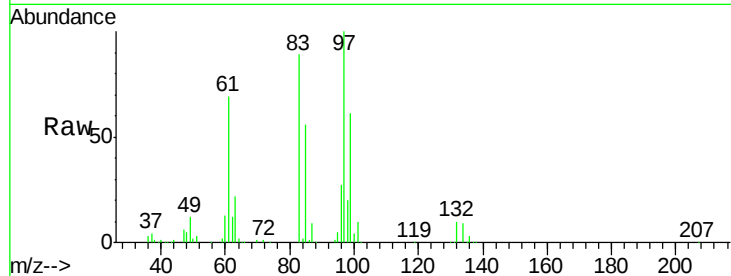
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	105660
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.5	105.7
85	55.7	45.8	68.6
99	60.7	51.0	76.4

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#56

Ethyl methacrylate

Concen: 51.624 ug/l

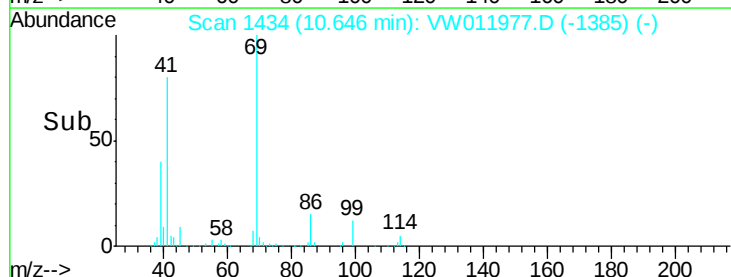
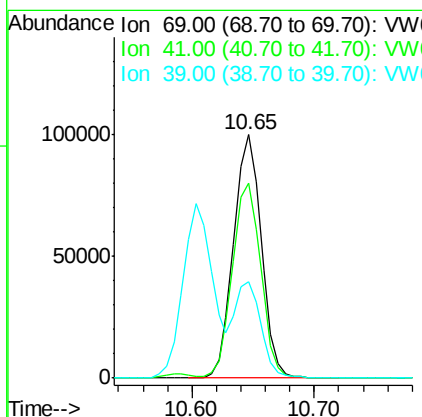
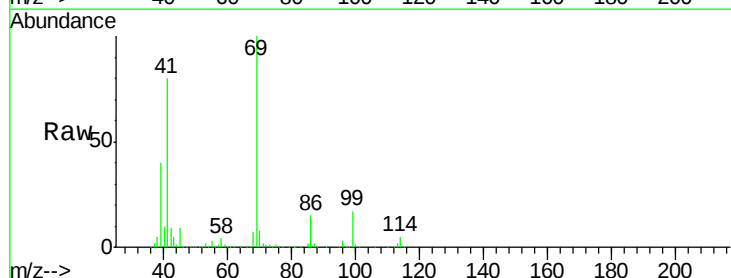
RT: 10.65 min Scan# 1434

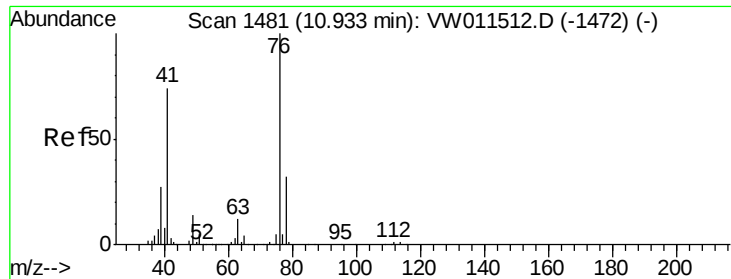
Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion:	69	Resp:	156797
Ion	Ratio	Lower	Upper
69	100		
41	81.2	66.6	99.8
39	37.2	30.3	45.5





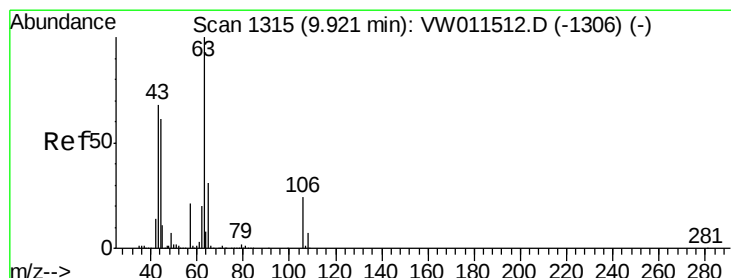
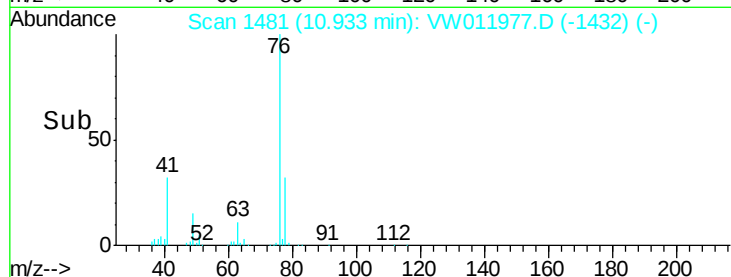
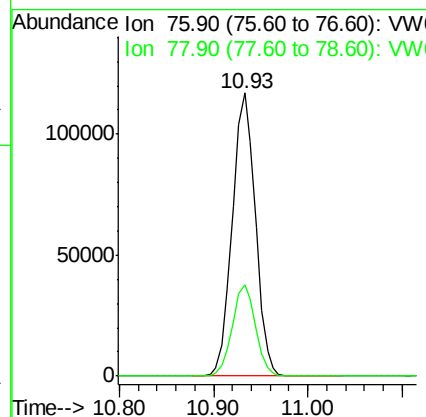
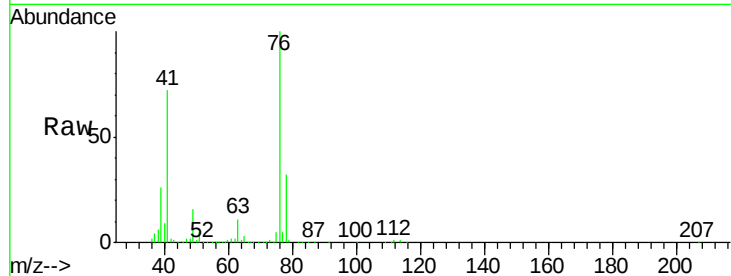
#57
 1,3-Dichloropropane
 Concen: 50.802 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 199493
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8

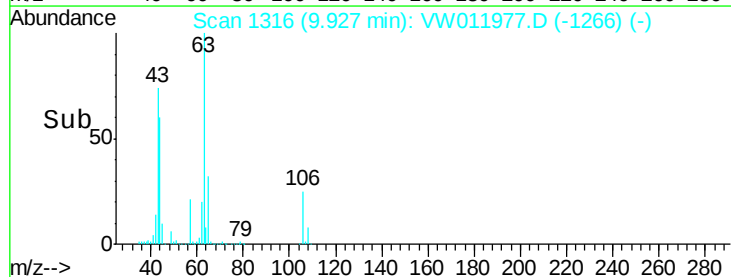
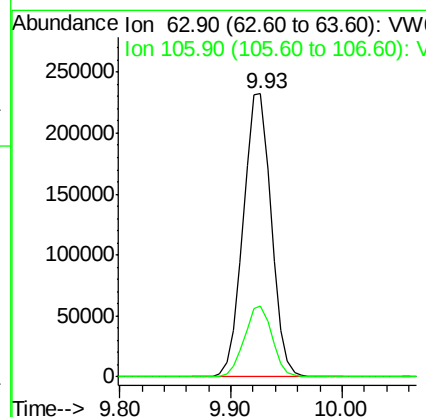
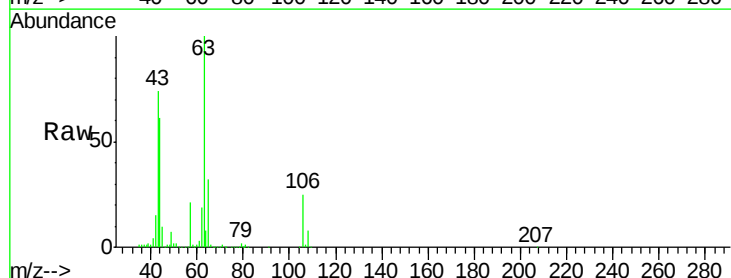
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#58
 2-Chloroethyl Vinyl ether
 Concen: 293.631 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 63 Resp: 404933
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.7 29.5





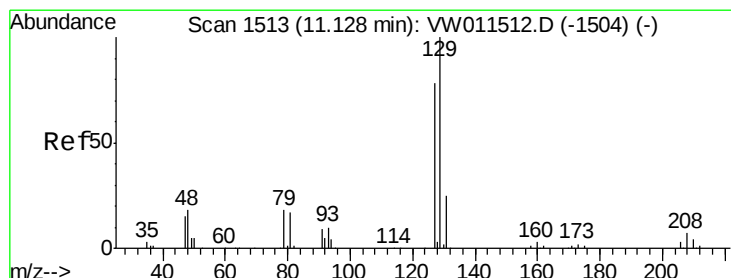
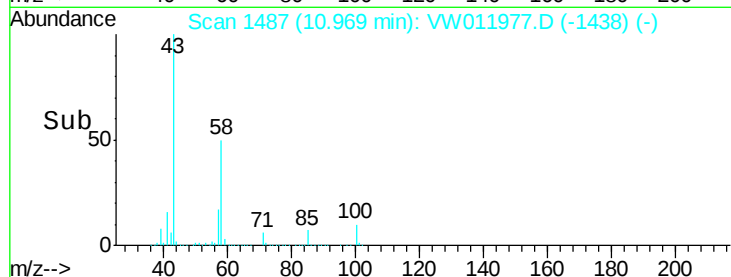
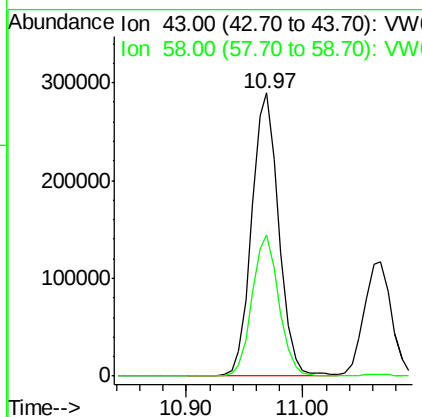
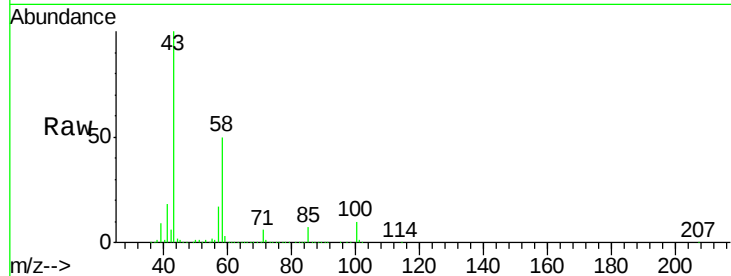
#59
2-Hexanone
Concen: 281.316 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 467492
Ion Ratio Lower Upper
43 100
58 49.3 24.3 72.9

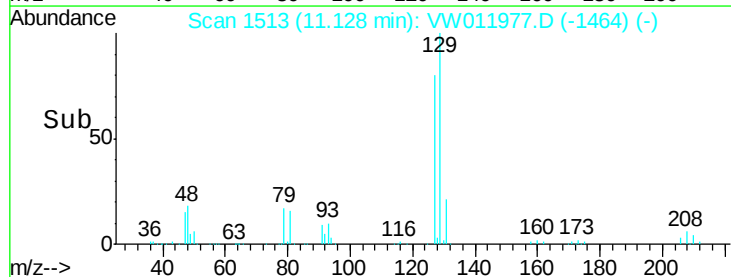
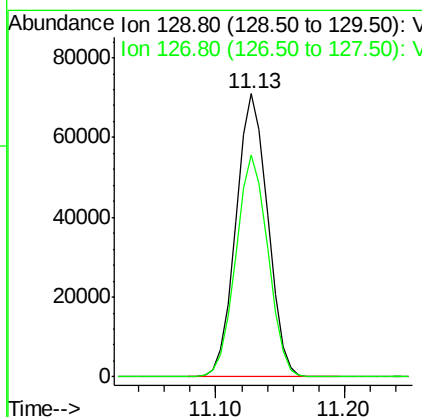
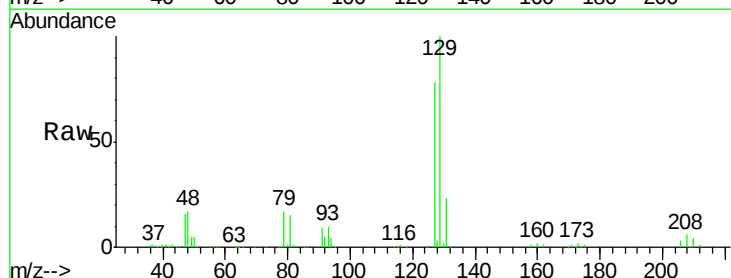
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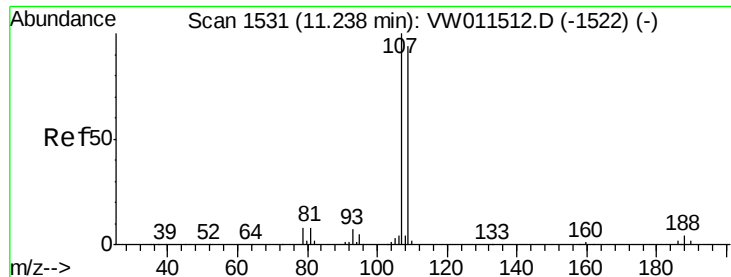
MMDadoda
8/20/2019 9:56:22 AM



#60
Dibromochloromethane
Concen: 52.731 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion: 129 Resp: 121490
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.546 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 99285

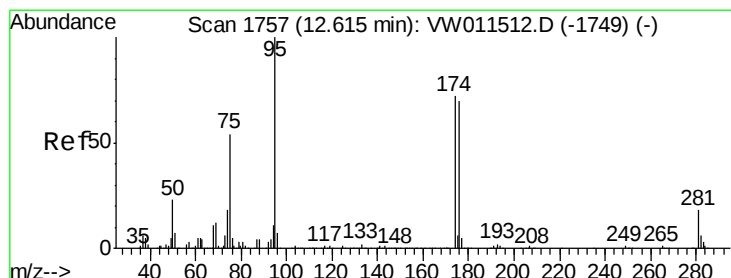
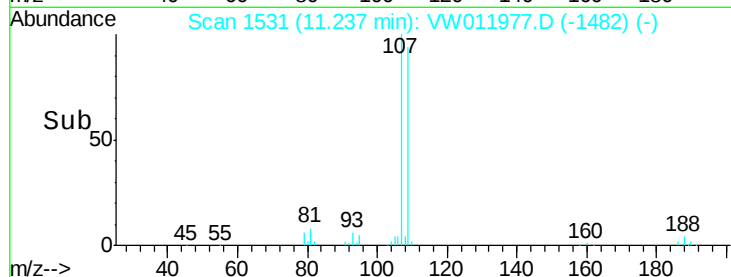
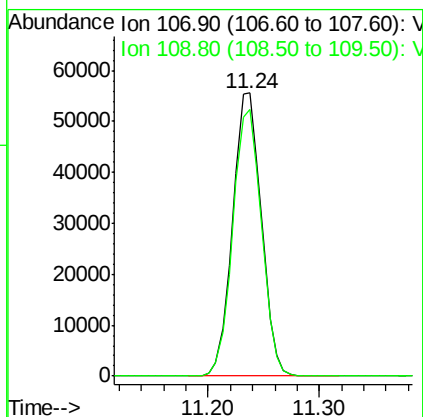
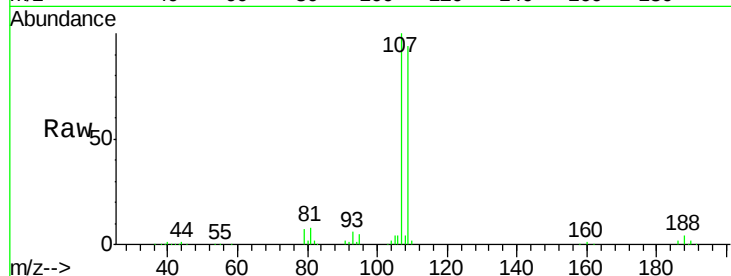
Ion Ratio Lower Upper

107 100

109 94.4 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 53.787 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

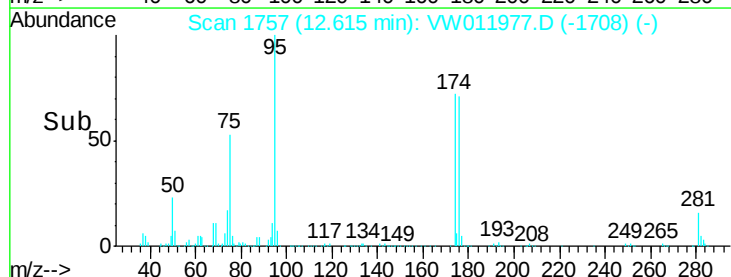
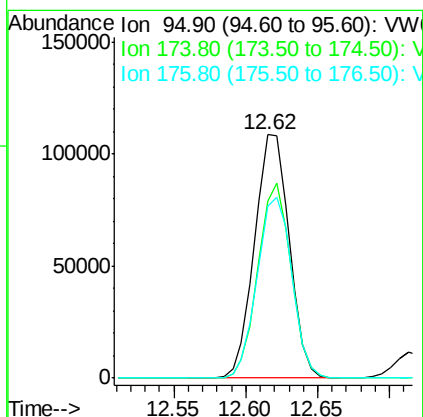
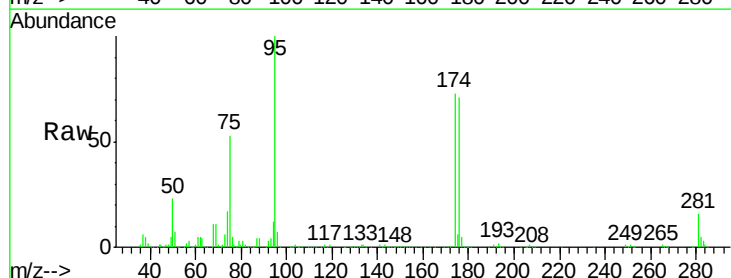
Tgt Ion: 95 Resp: 181156

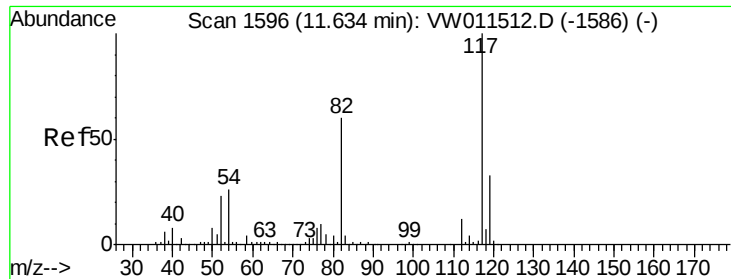
Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.2

176 74.3 0.0 144.4





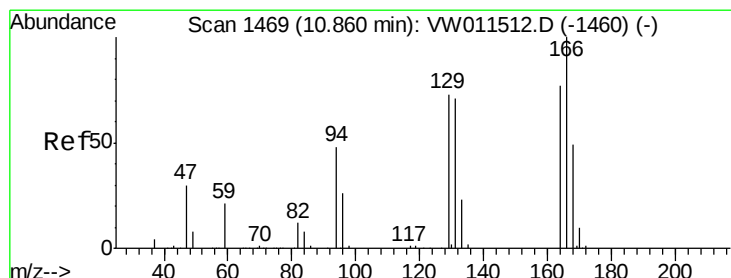
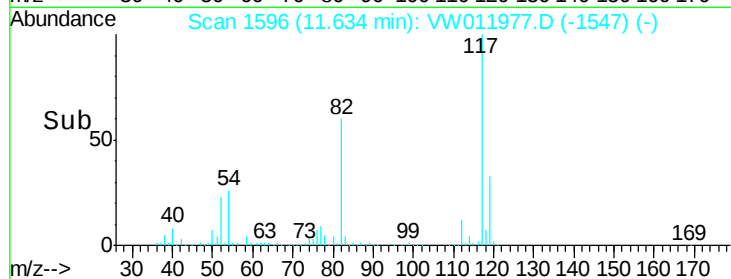
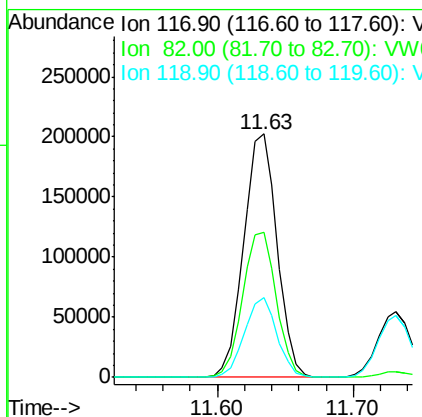
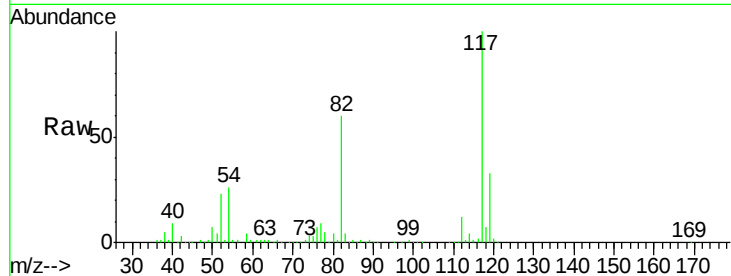
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.9	71.9
119	33.0	26.2	39.2

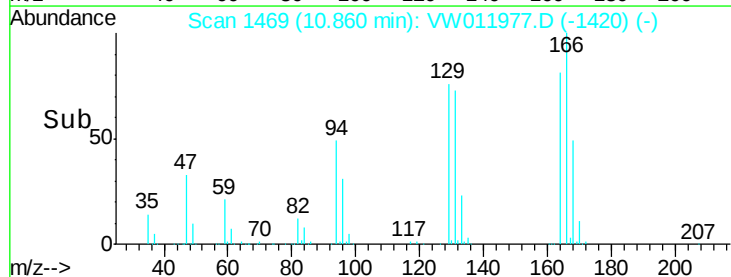
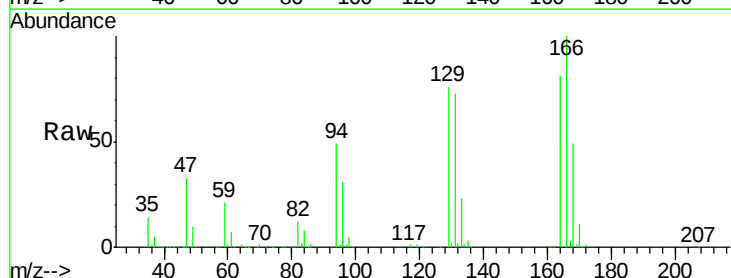
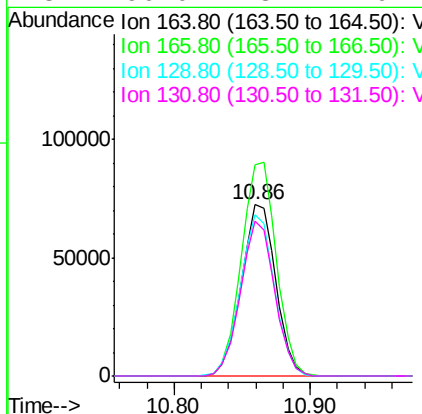
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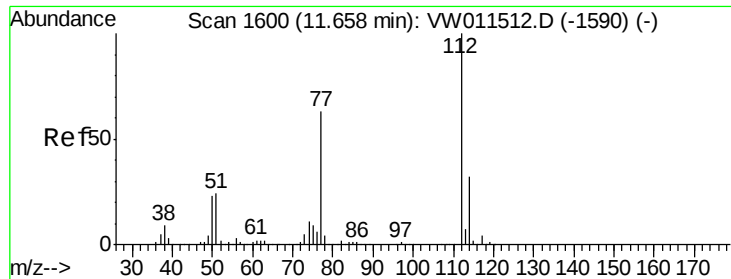
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#64
Tetrachloroethene
Concen: 56.627 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.1	103.5	155.3
129	93.8	75.2	112.8
131	90.0	73.4	110.2





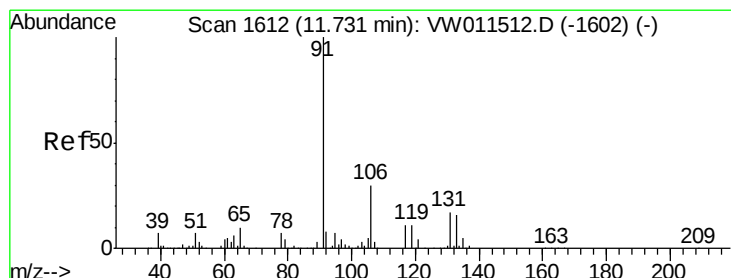
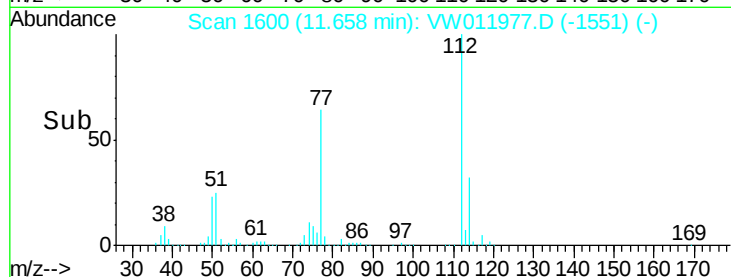
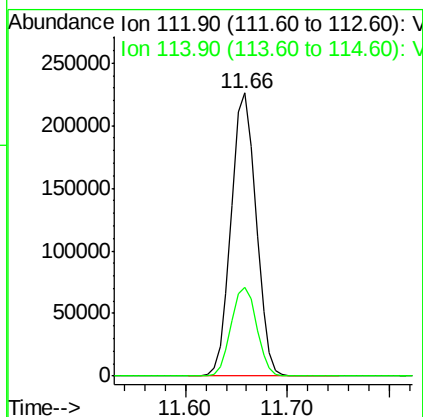
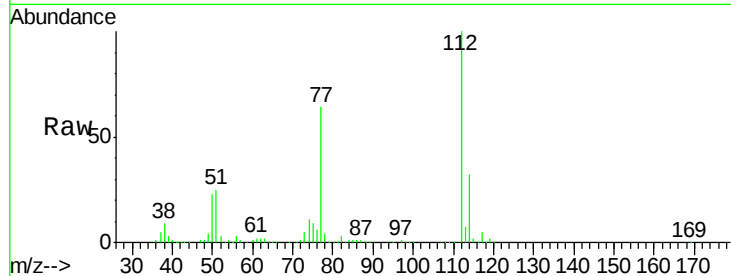
#65
Chlorobenzene
Concen: 54.654 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 381299
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4

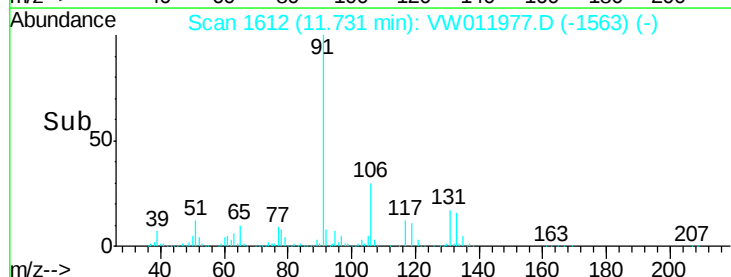
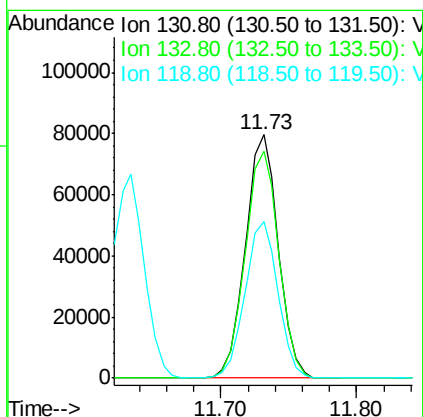
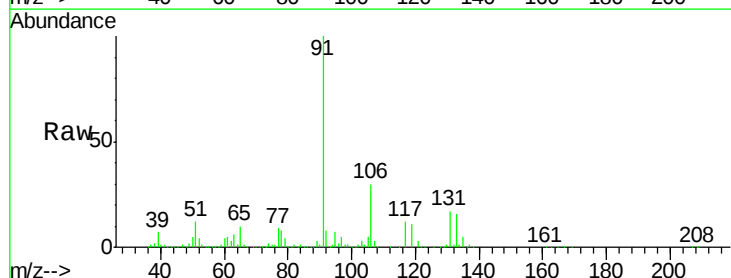
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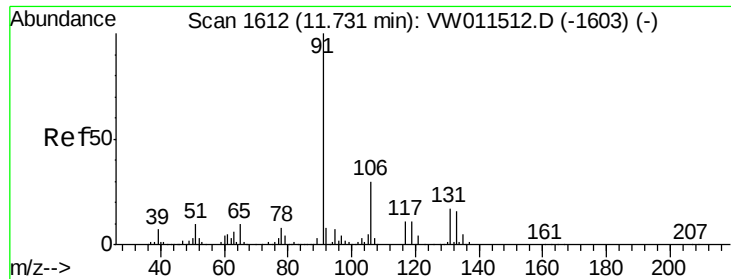
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.362 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion:131 Resp: 134535
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.2
119 64.8 32.3 96.9





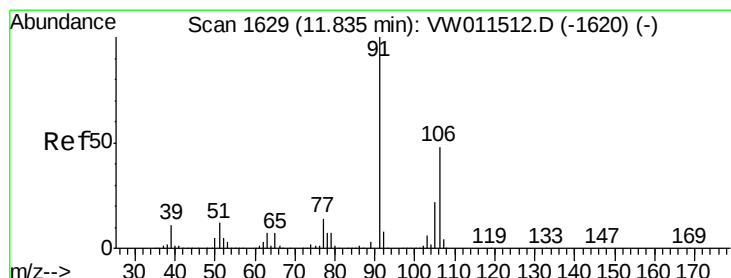
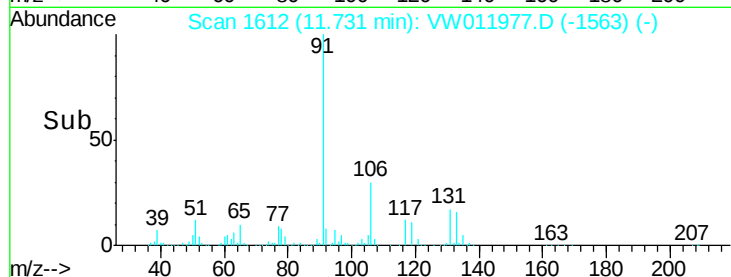
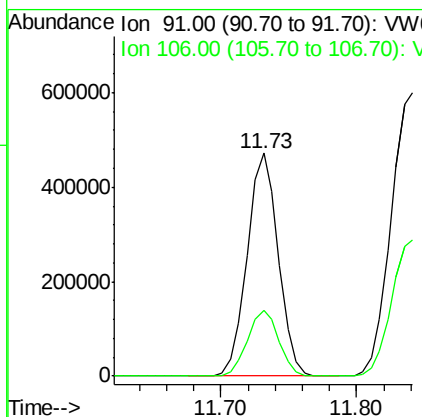
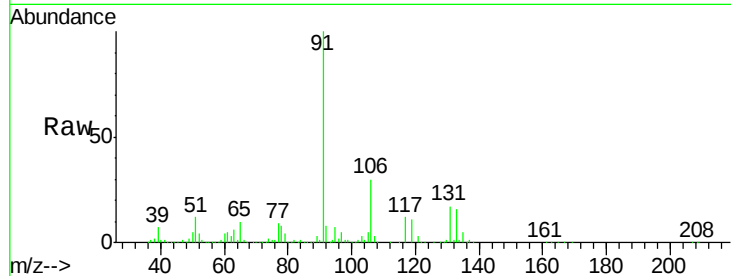
#67
Ethyl Benzene
Concen: 56.805 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 754782
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6

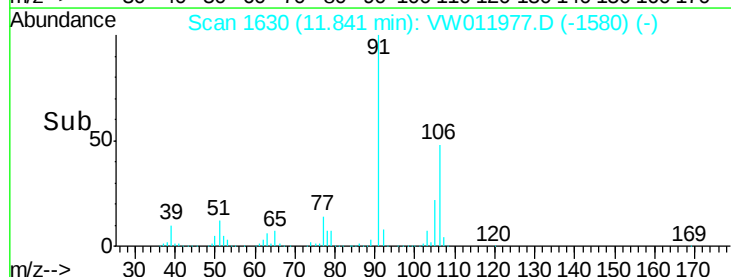
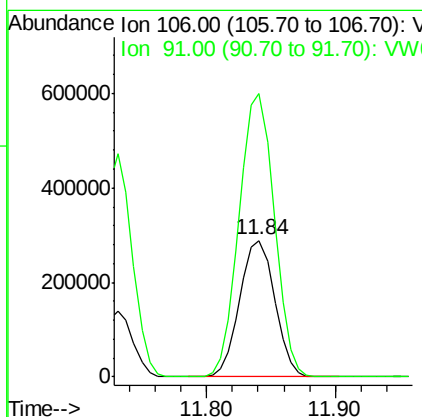
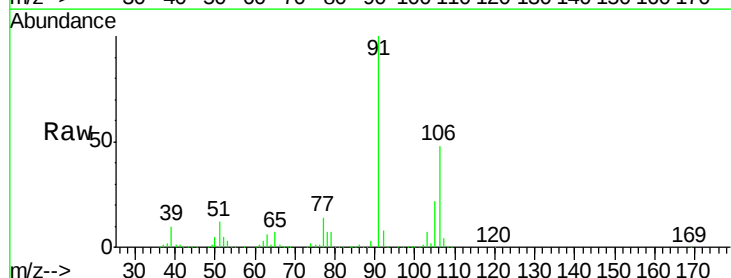
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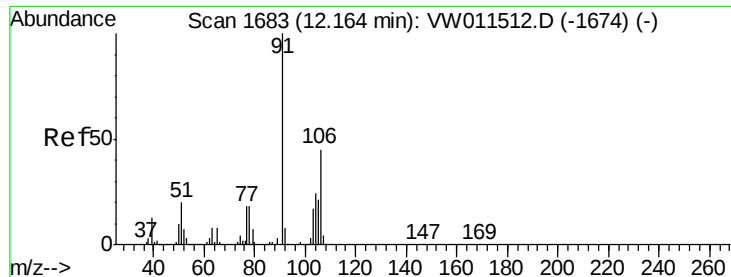
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#68
m/p-Xylenes
Concen: 112.703 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion: 106 Resp: 544599
Ion Ratio Lower Upper
106 100
91 208.4 168.2 252.2





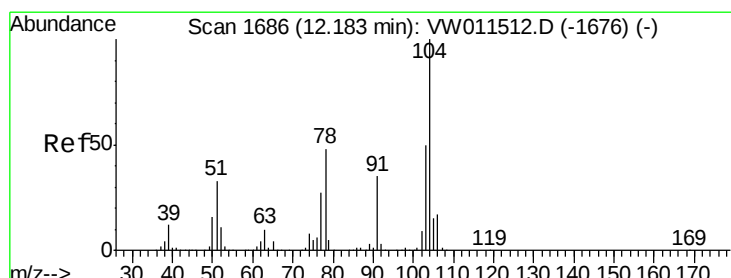
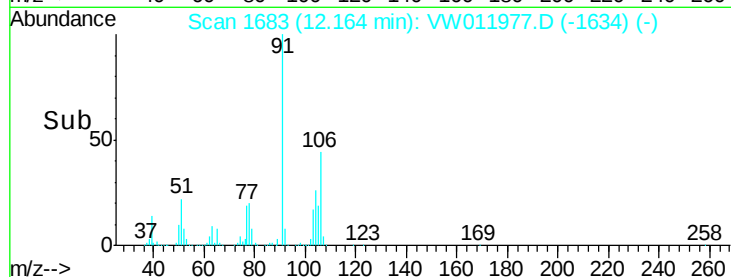
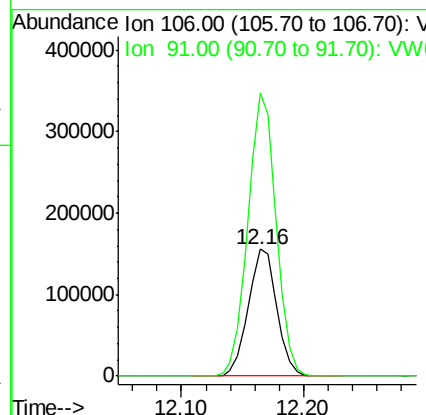
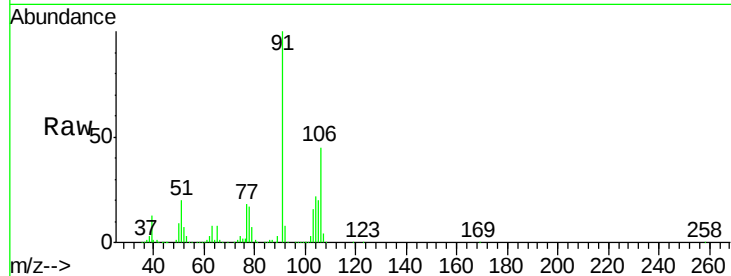
#69
o-Xylene
Concen: 56.059 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		251725		
91	220.9	110.5	331.5		

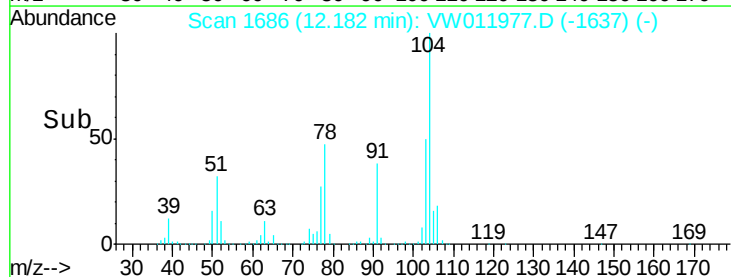
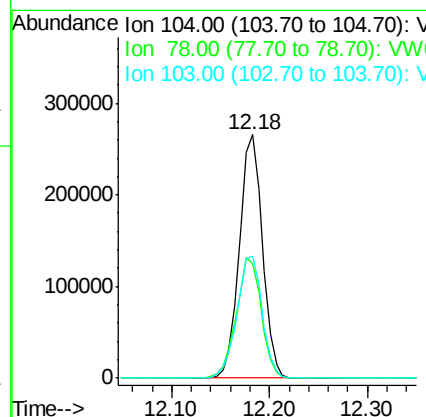
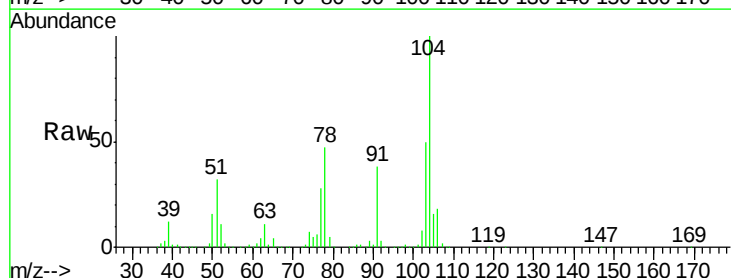
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#70
Styrene
Concen: 55.893 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		433940		
78	53.5	43.4	65.0		
103	54.6	43.9	65.9		





#71

Bromoform

Concen: 55.621 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

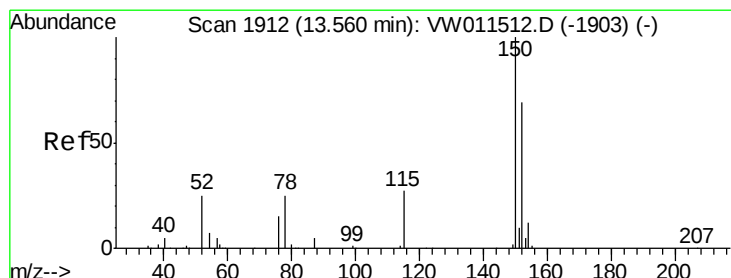
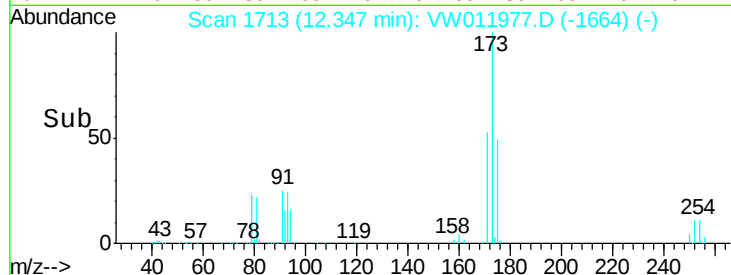
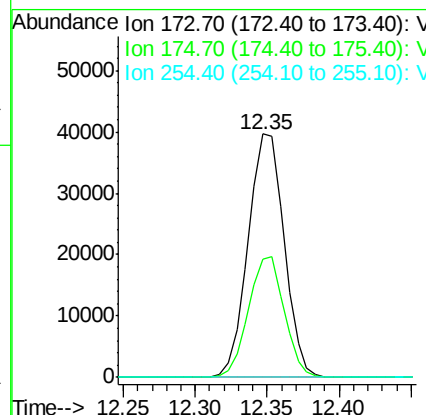
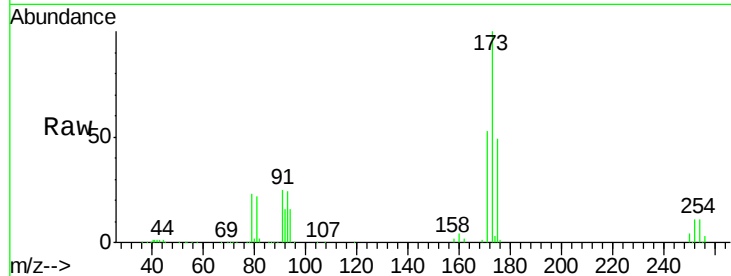
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.6	71.0
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

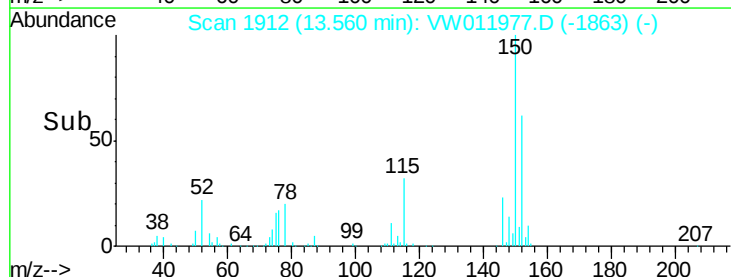
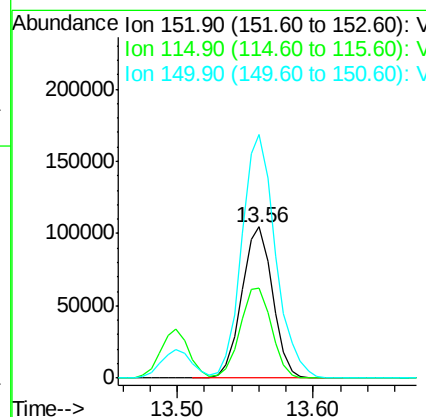
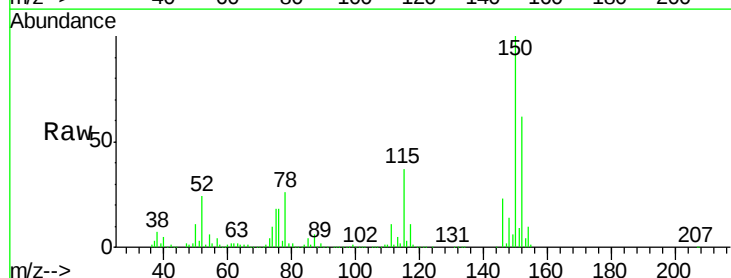
RT: 13.56 min Scan# 1912

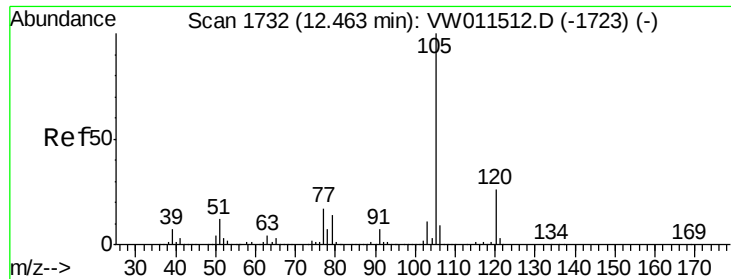
Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.5	91.5
150	176.1	0.0	352.6





#73

Isopropylbenzene

Concen: 58.078 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 717319

Ion Ratio Lower Upper

105 100

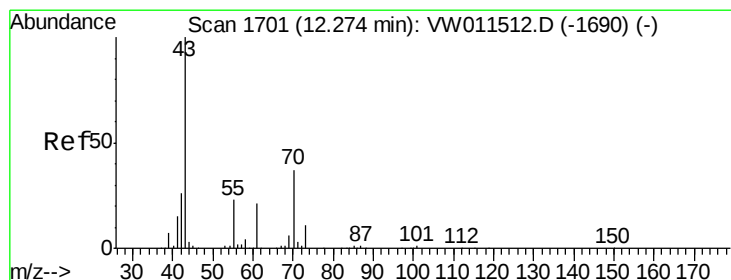
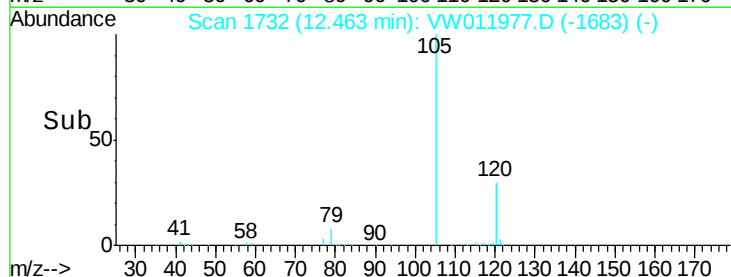
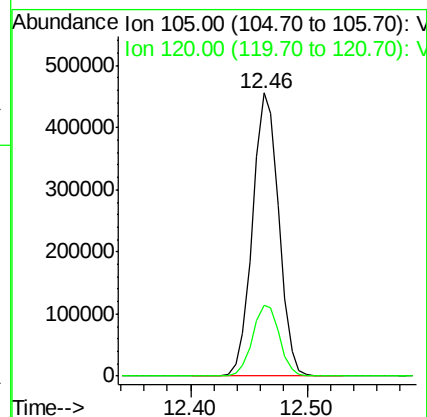
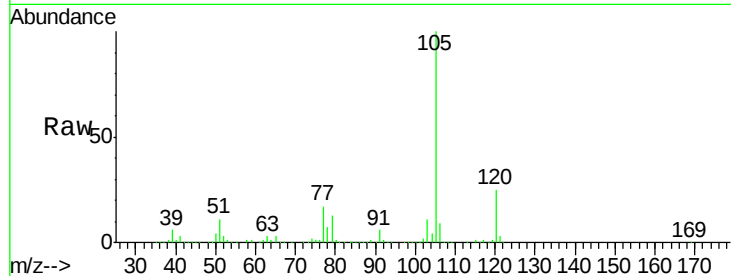
120 25.5 12.9 38.7

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#74

N-ethyl acetate

Concen: 53.506 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion: 43 Resp: 206896

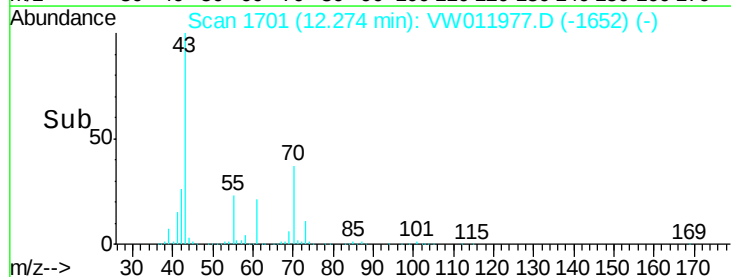
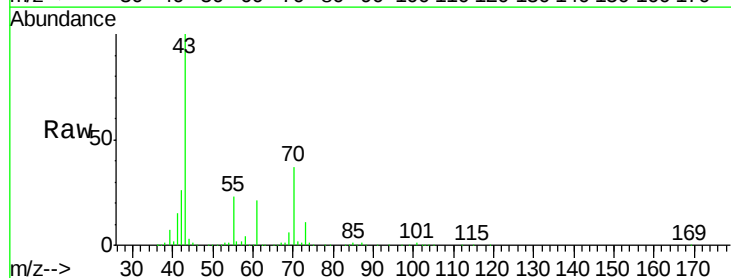
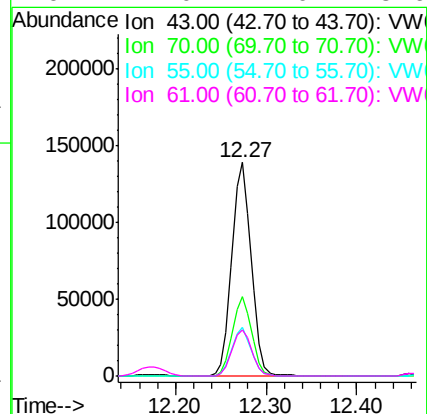
Ion Ratio Lower Upper

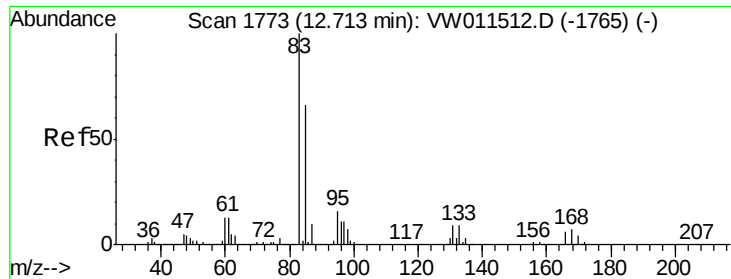
43 100

70 36.6 28.6 43.0

55 22.8 17.8 26.8

61 22.0 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.654 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

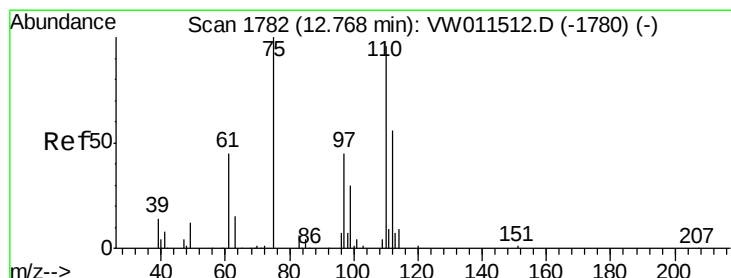
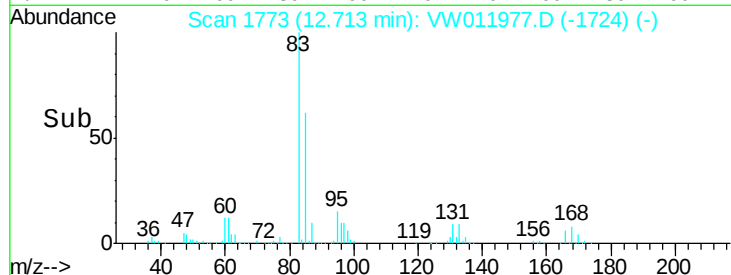
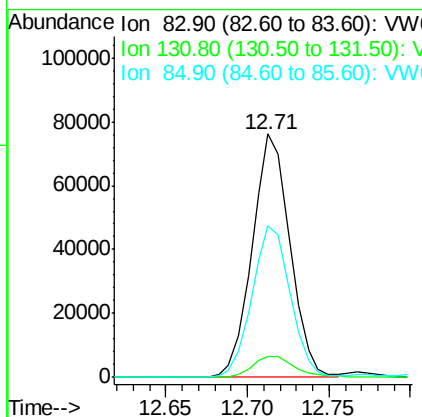
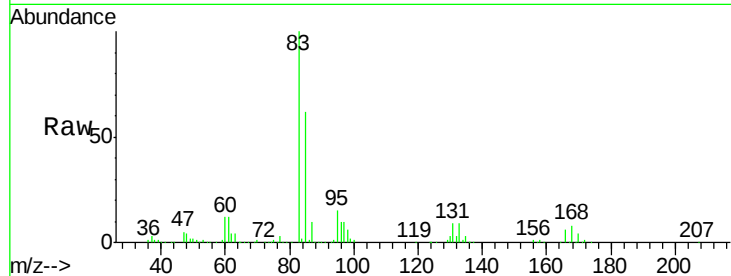
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	122327
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.6
85	63.3	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 48.963 ug/l m

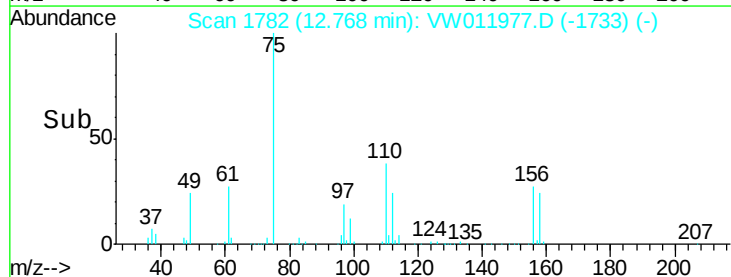
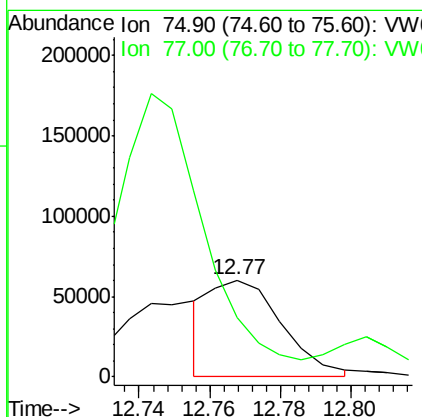
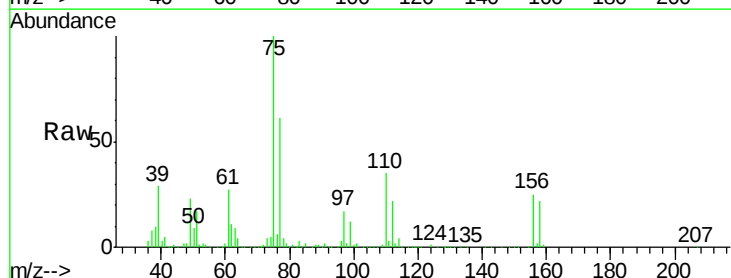
RT: 12.77 min Scan# 1782

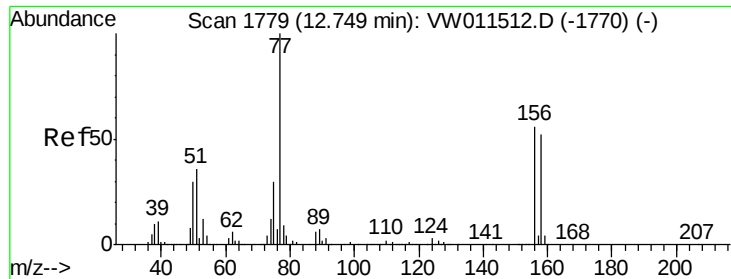
Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion:	75	Resp:	85772
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.390 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

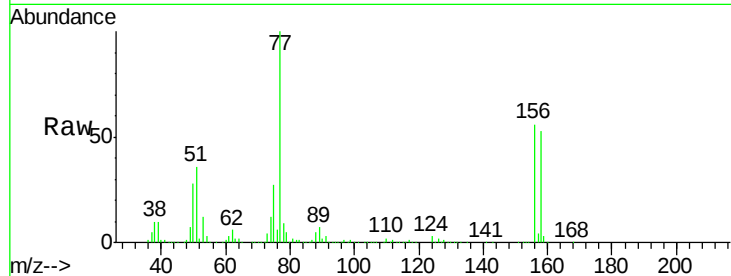
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	208.8	106.5	319.4
158	97.5	48.0	144.2

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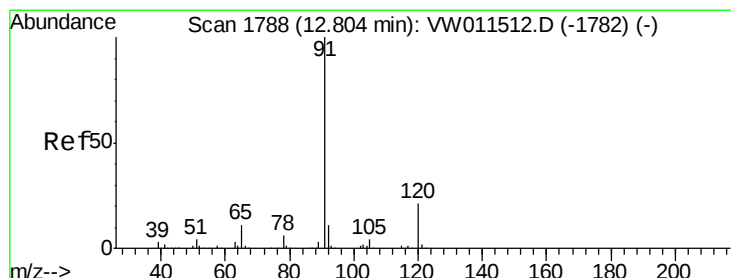
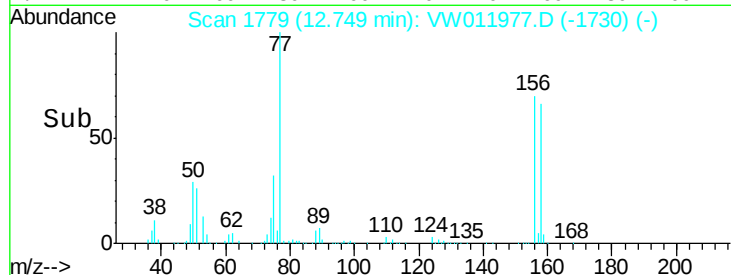
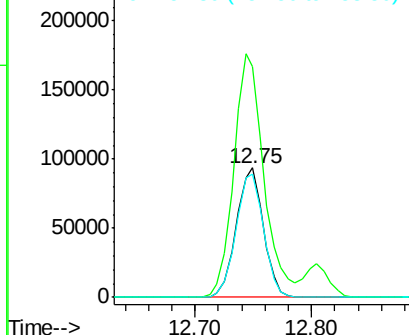
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 58.111 ug/l

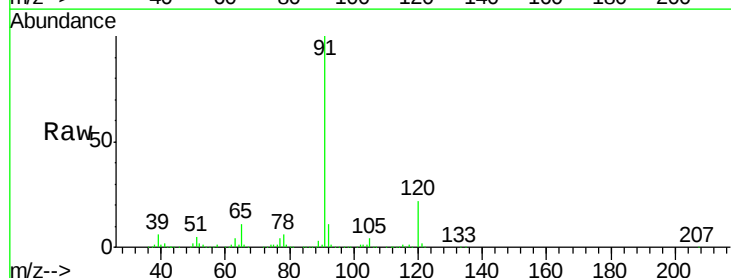
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011977.D

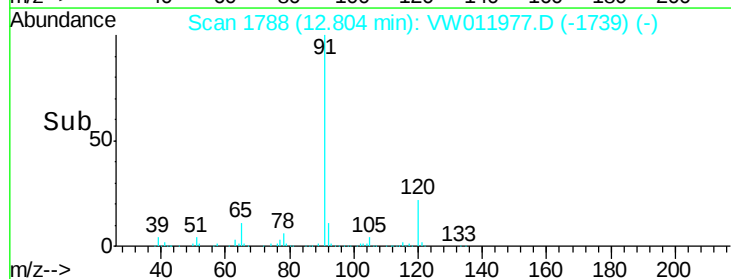
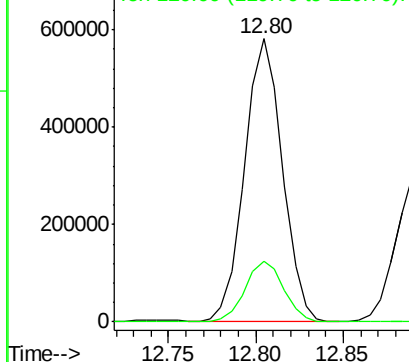
Acq: 19 Aug 2019 08:48

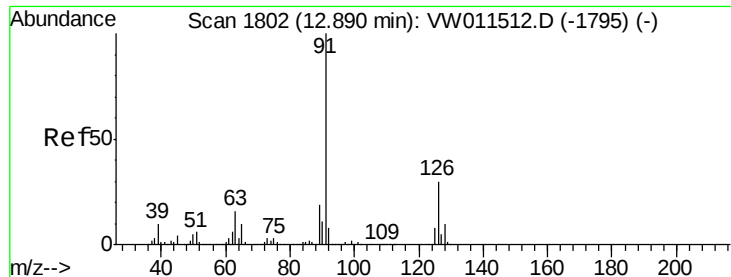
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.9	32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.064 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 485488

Ion Ratio Lower Upper

91 100

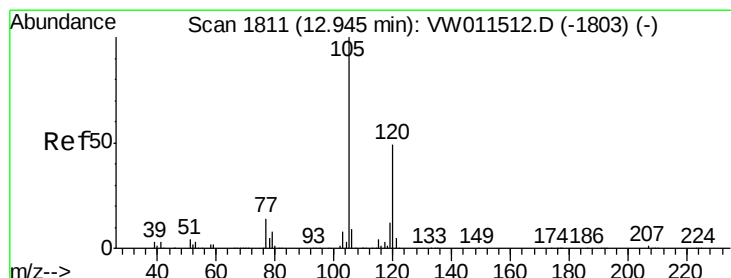
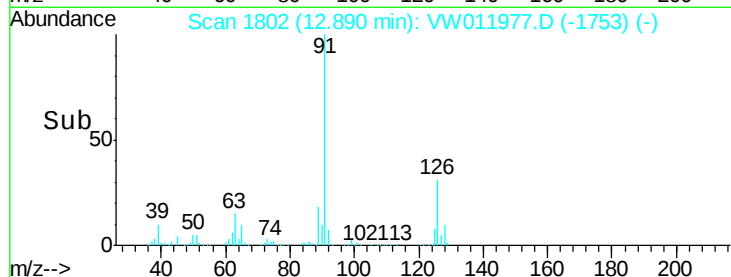
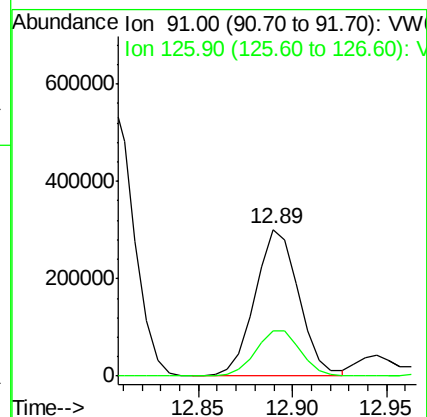
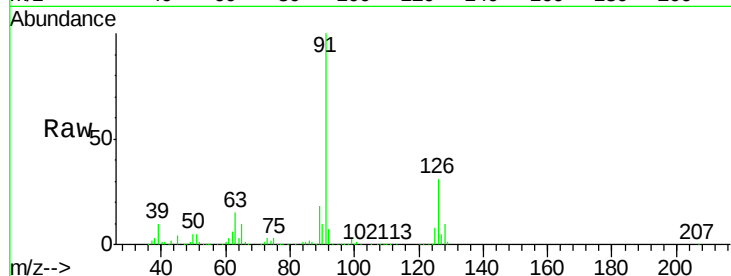
126 31.8 15.7 47.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 57.822 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011977.D

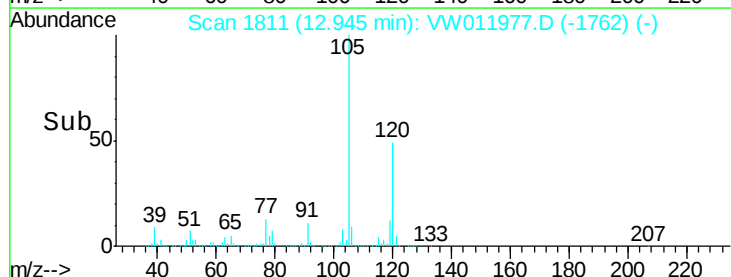
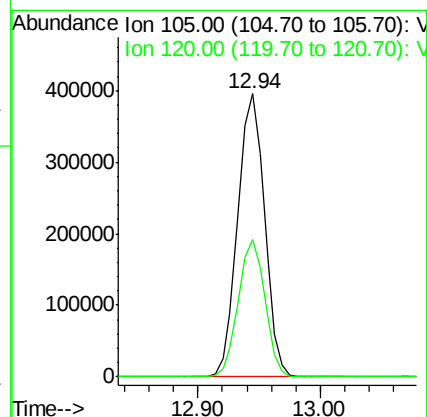
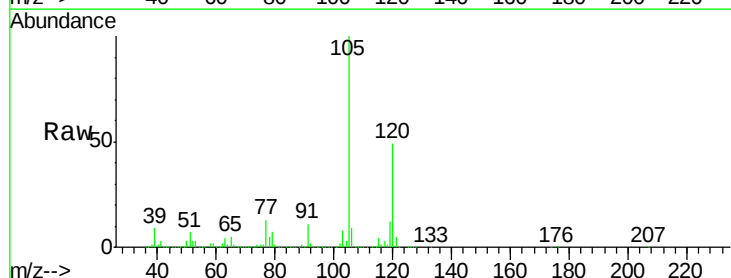
Acq: 19 Aug 2019 08:48

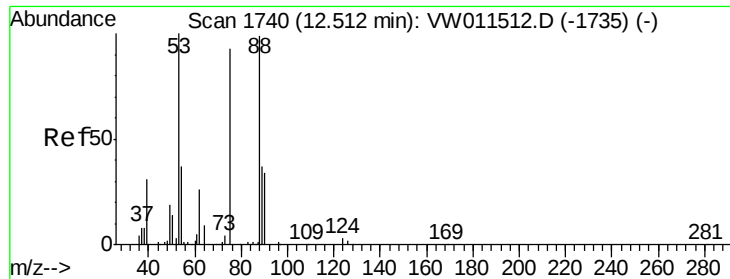
Tgt Ion: 105 Resp: 598638

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3





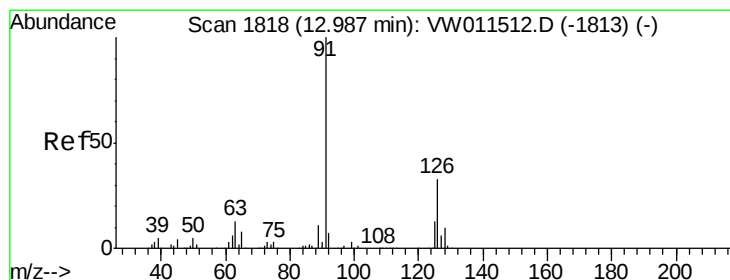
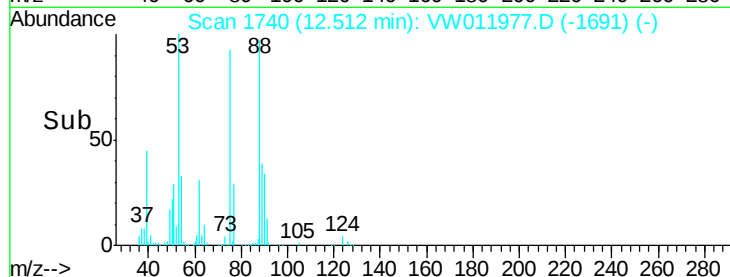
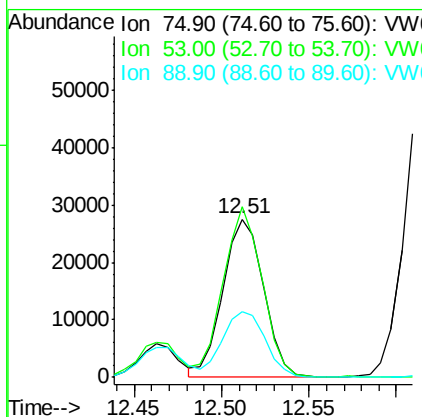
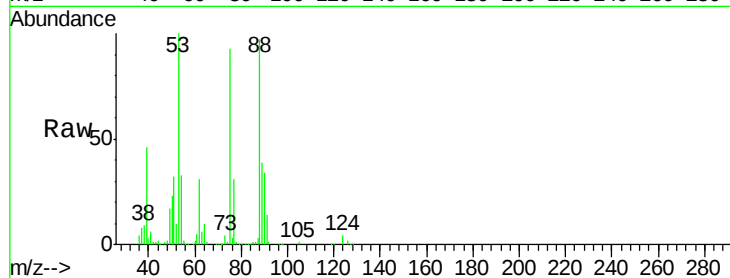
#81
trans-1,4-Dichloro-2-butene
Concen: 57.966 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.3	88.0	132.0
89	43.9	35.3	52.9

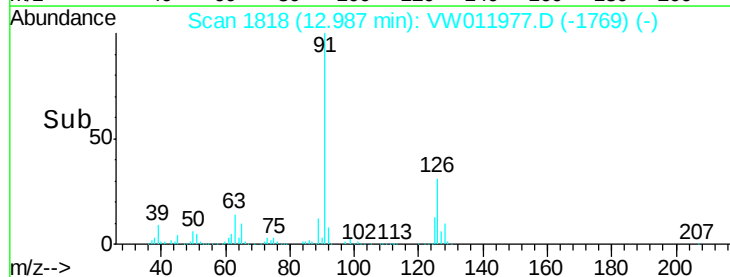
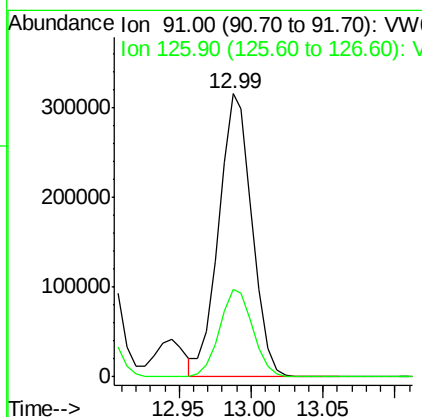
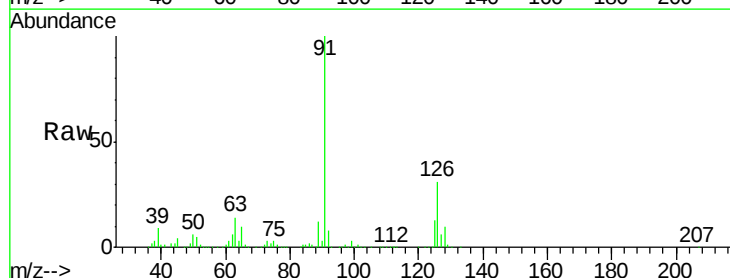
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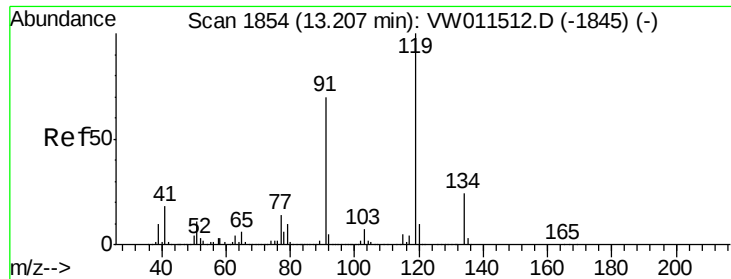
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#82
4-Chlorotoluene
Concen: 55.771 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.6	46.8





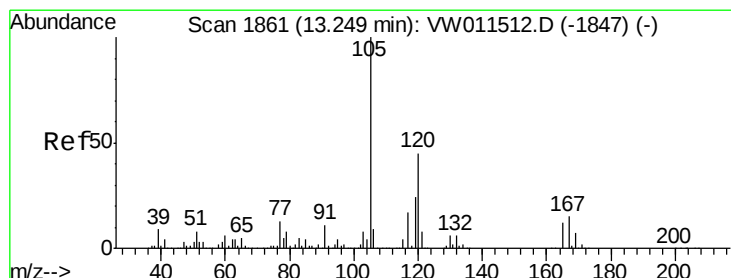
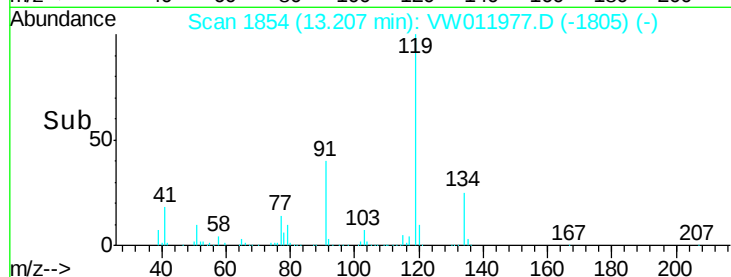
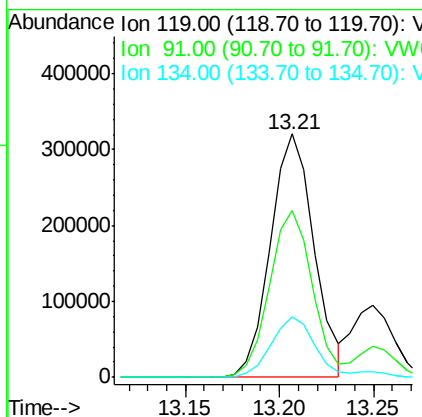
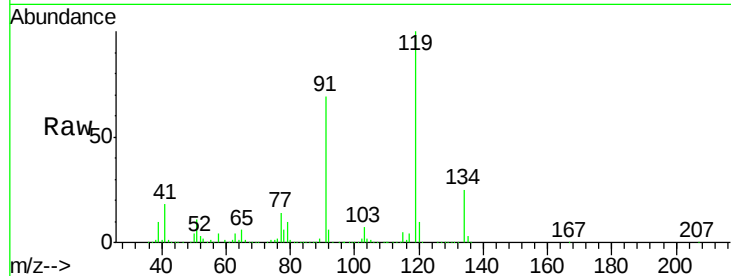
#83
 tert-Butylbenzene
 Concen: 59.309 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	34.5	103.6
134	26.5	12.4	37.4

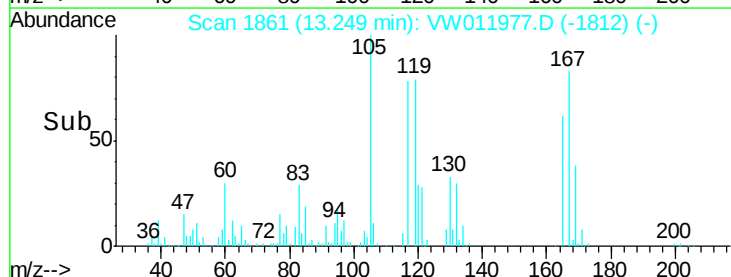
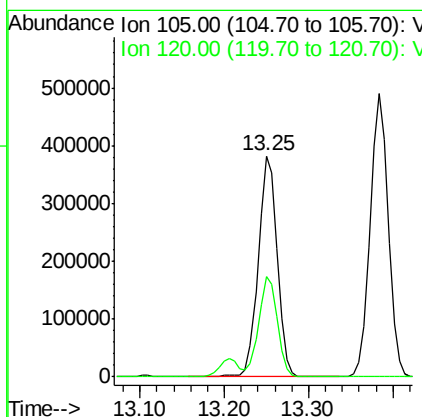
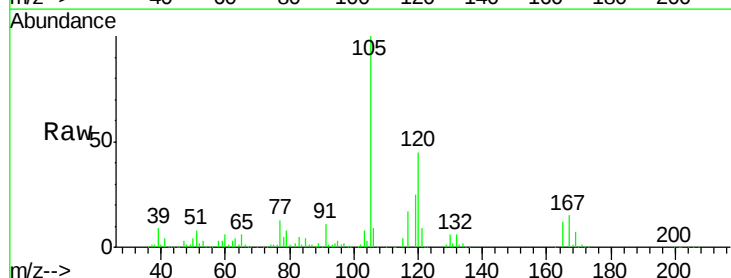
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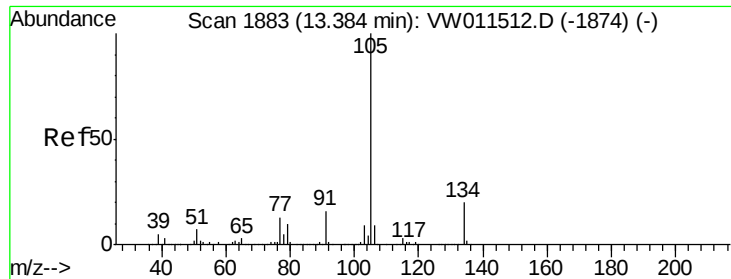
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.358 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.5





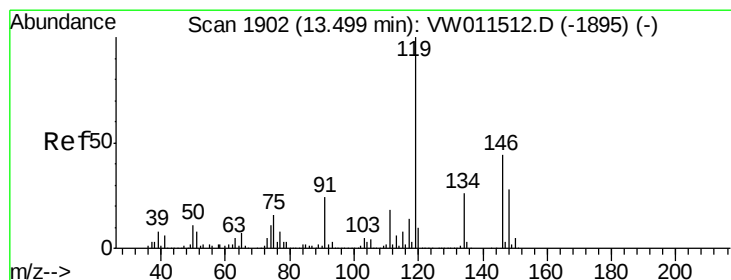
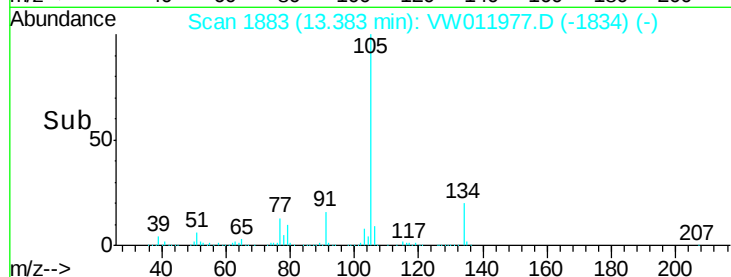
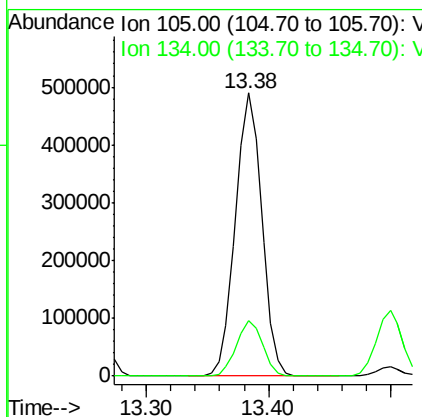
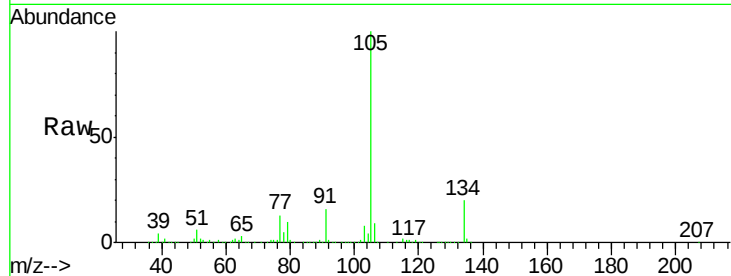
#85
 sec-Butylbenzene
 Concen: 59.197 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	29.1

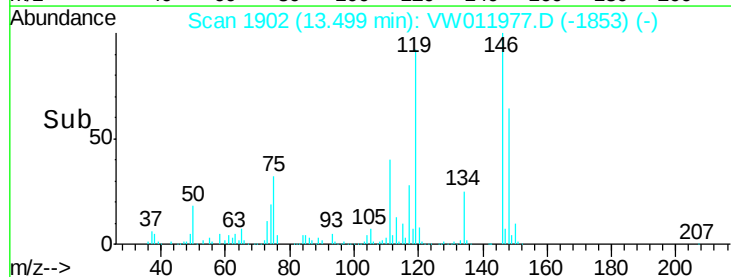
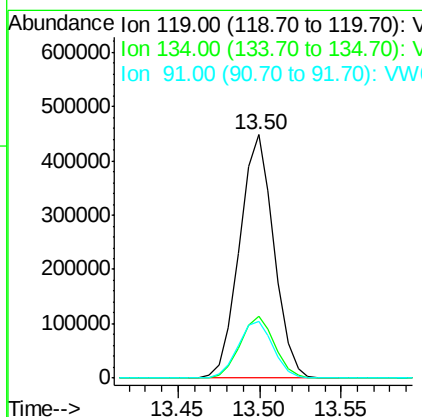
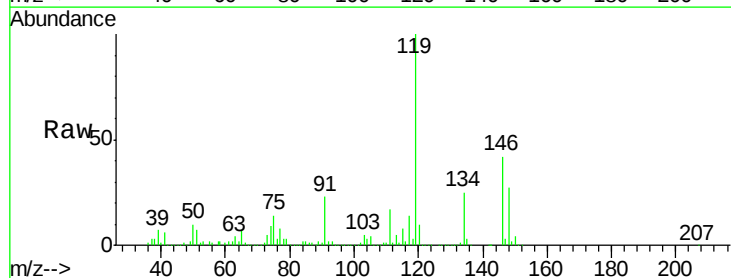
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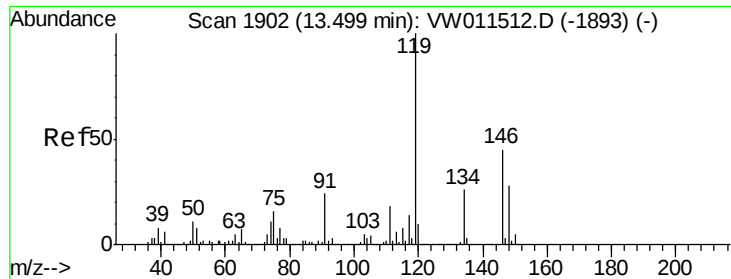
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#86
 p-Isopropyltoluene
 Concen: 58.568 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.8	38.4
91	23.8	12.1	36.3





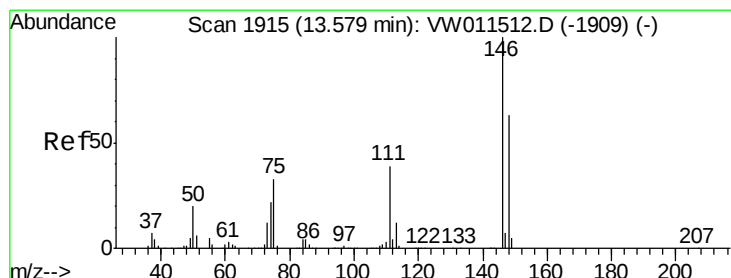
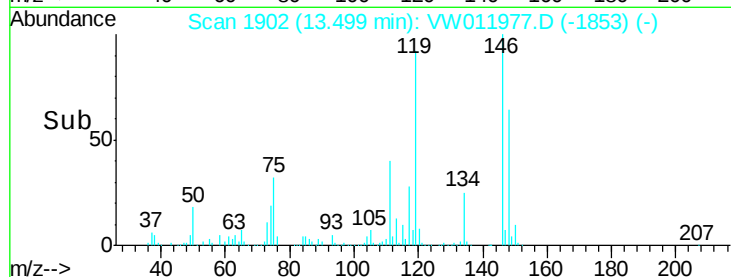
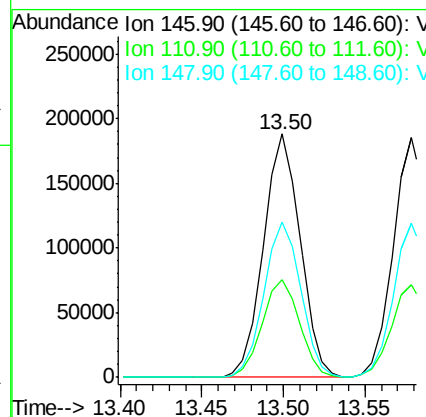
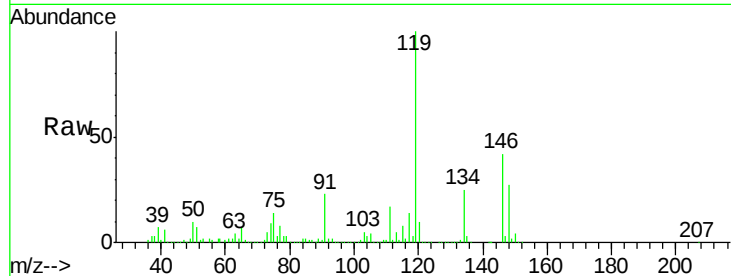
#87
 1,3-Dichlorobenzene
 Concen: 54.799 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	293331		
111	41.0	20.5	61.6	
148	64.2	31.8	95.3	

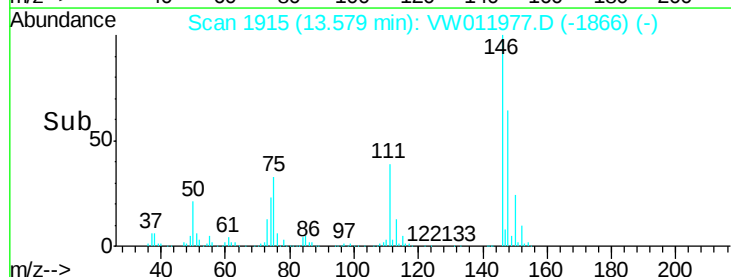
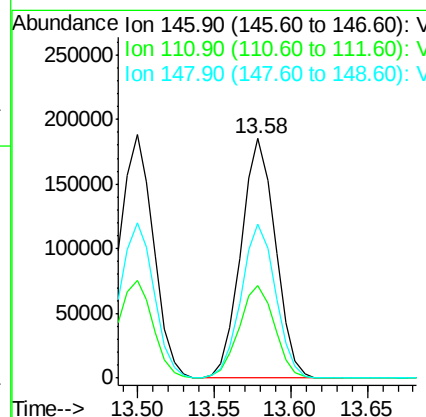
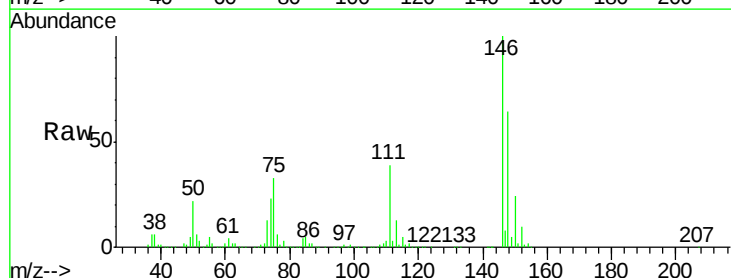
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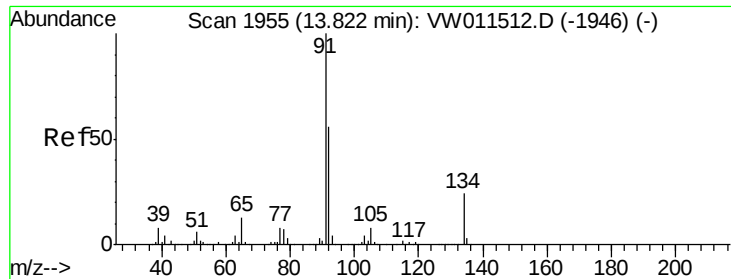
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#88
 1,4-Dichlorobenzene
 Concen: 54.528 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290349		
111	39.8	20.1	60.2	
148	64.2	31.9	95.9	





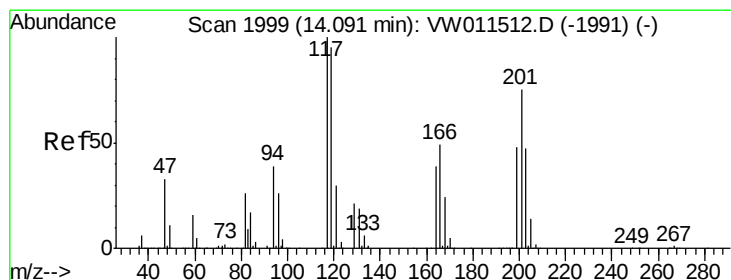
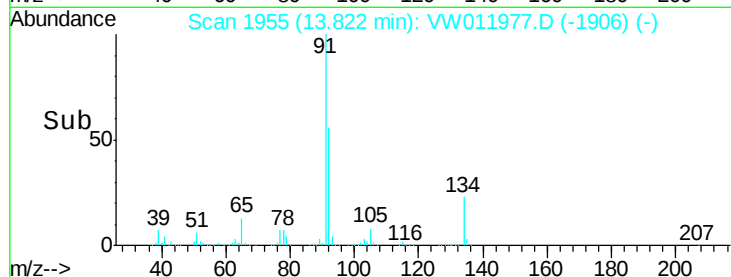
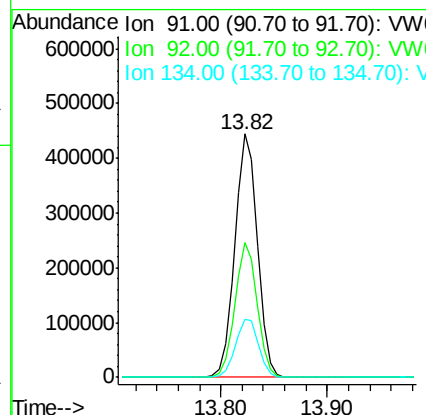
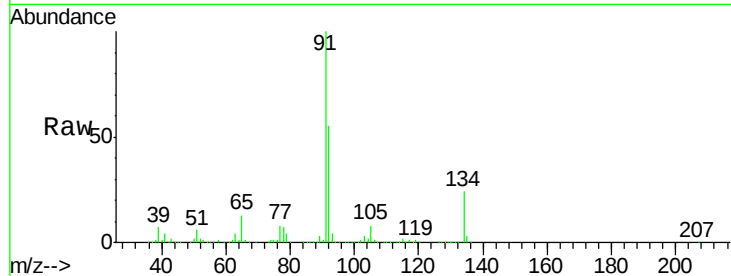
#89
n-Butylbenzene
Concen: 59.036 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	660351		
92	54.4		27.5	82.4
134	24.5		12.2	36.6

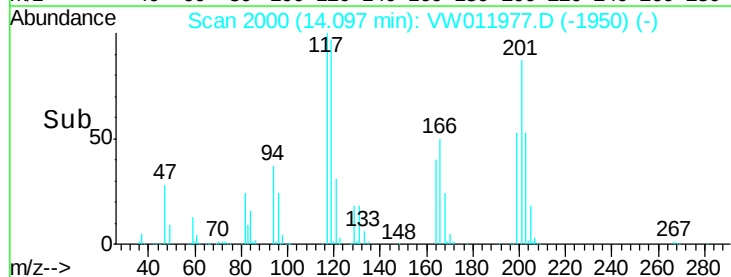
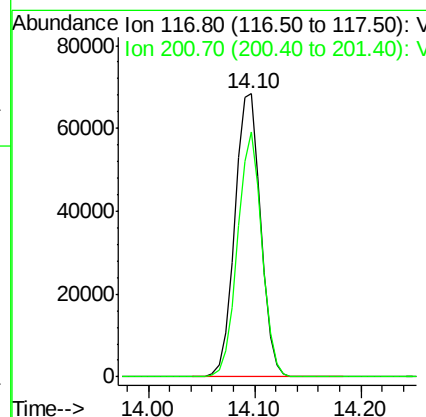
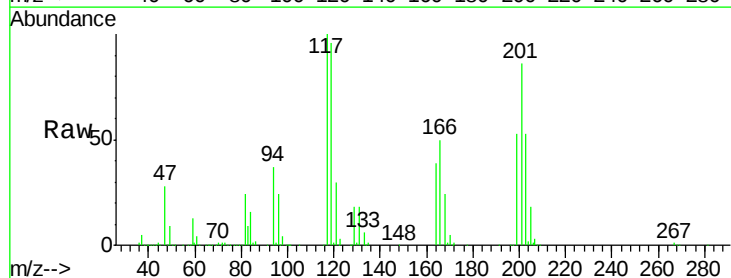
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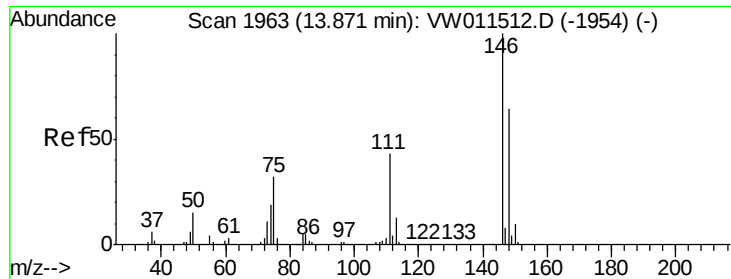
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#90
Hexachloroethane
Concen: 58.709 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	116361		
201	81.4		39.4	118.2





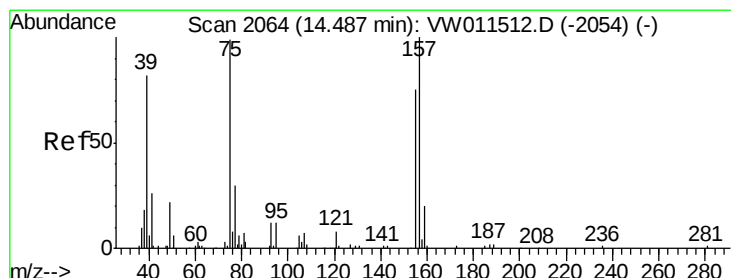
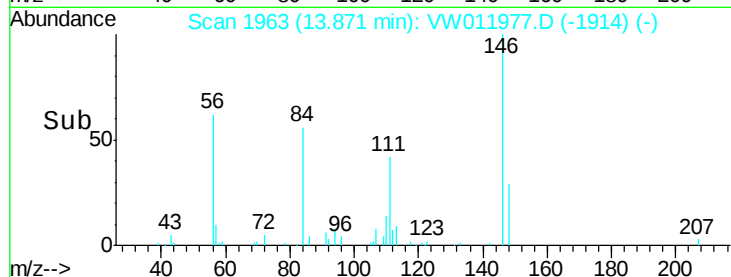
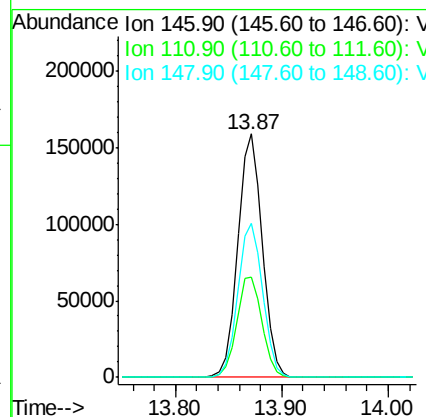
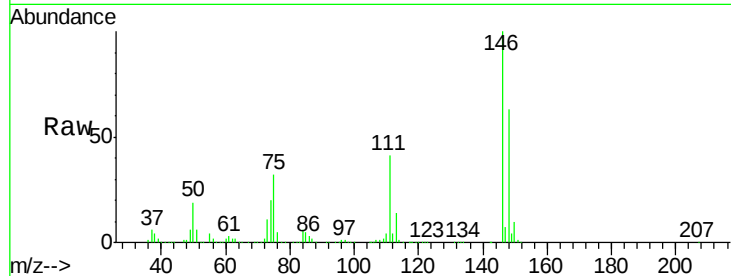
#91
 1,2-Dichlorobenzene
 Concen: 54.071 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.6	65.0
148	64.4	32.0	96.2

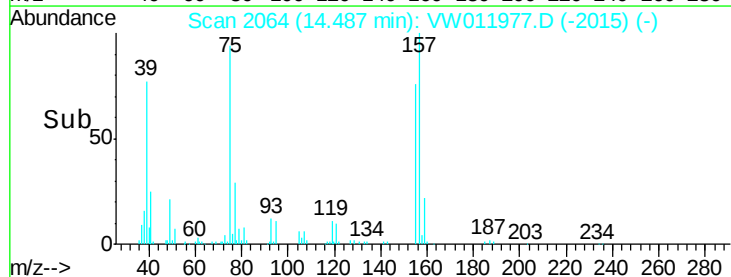
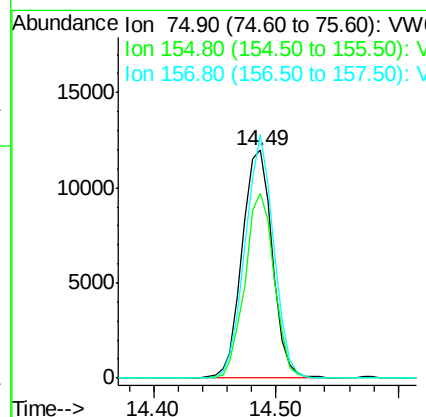
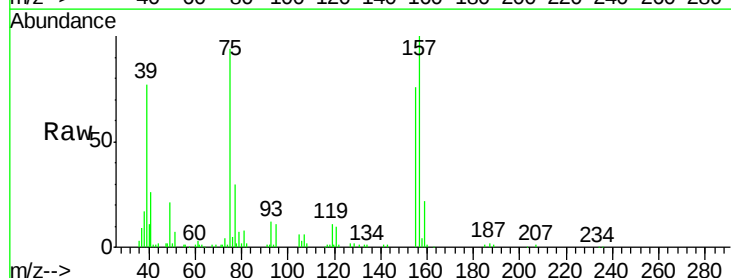
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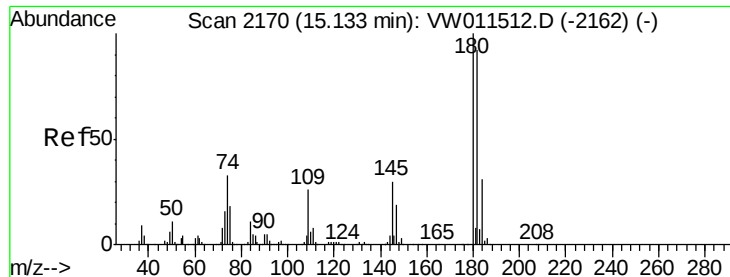
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.824 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	38.2	114.6
157	100.4	48.9	146.7





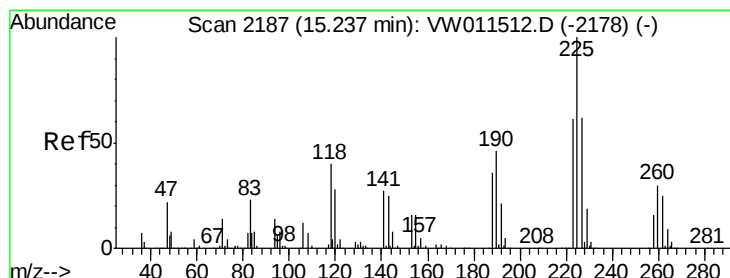
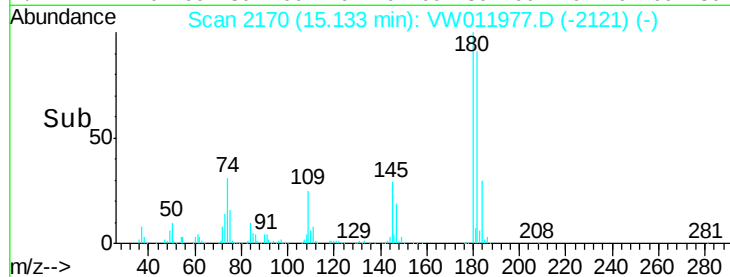
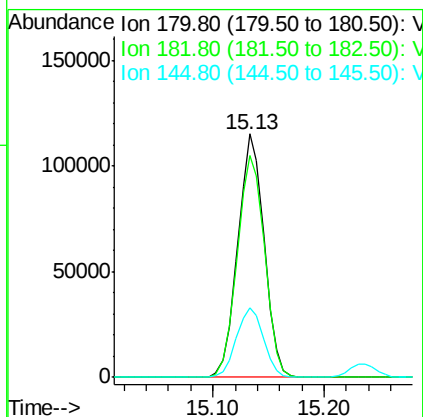
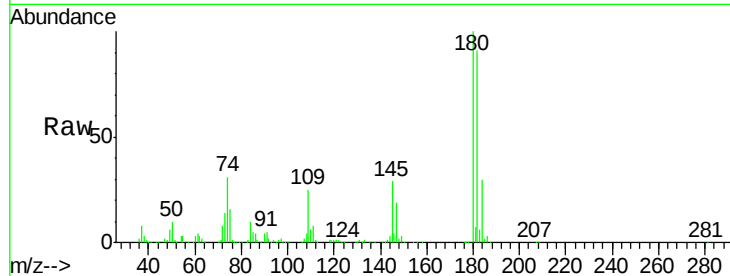
#93
 1,2,4-Trichlorobenzene
 Concen: 56.220 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	187582		
182	94.8	47.4	142.2	
145	29.5	15.4	46.1	

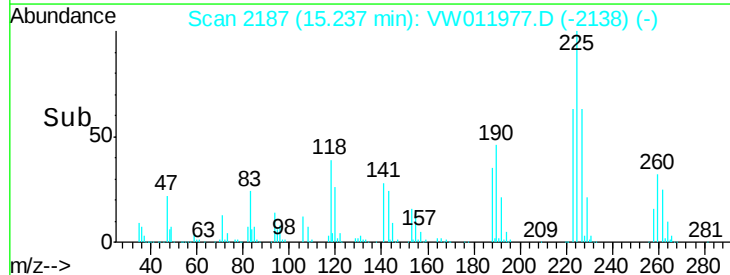
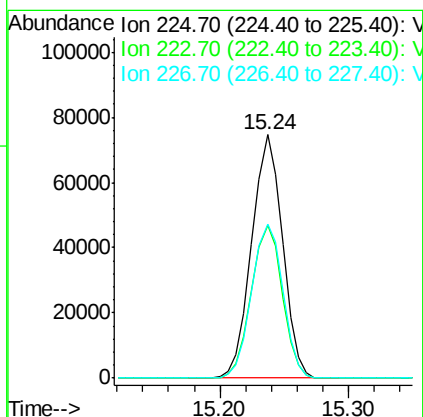
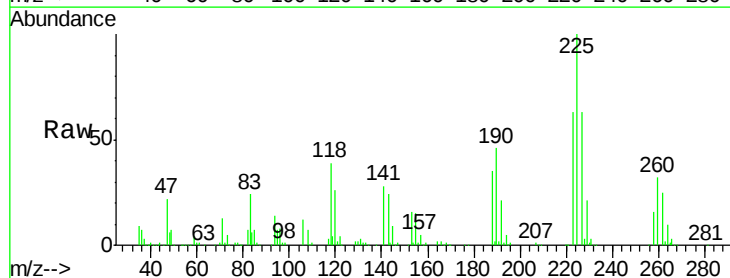
Manual Integrations
 APPROVED

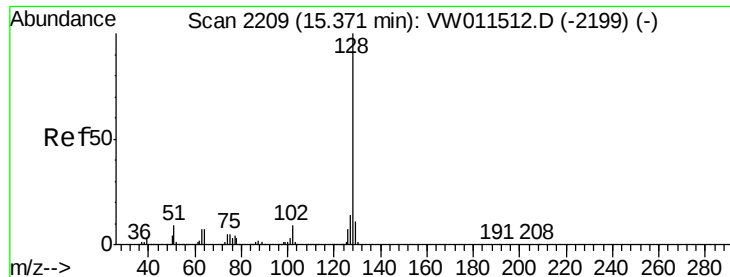
MMDadoda
 8/20/2019 9:56:22 AM



#94
 Hexachlorobutadiene
 Concen: 59.202 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123185		
223	63.2	30.8	92.3	
227	64.4	31.6	94.7	





#95

Naphthalene

Concen: 50.603 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

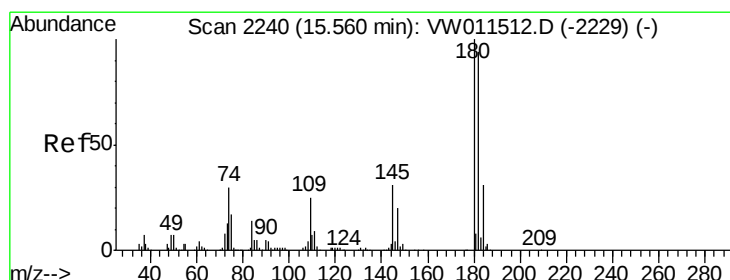
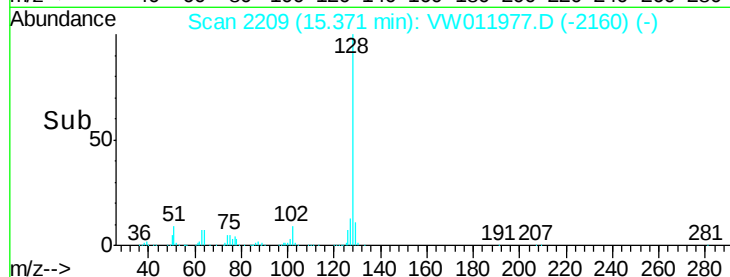
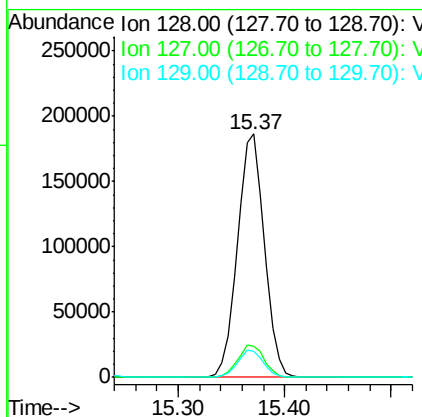
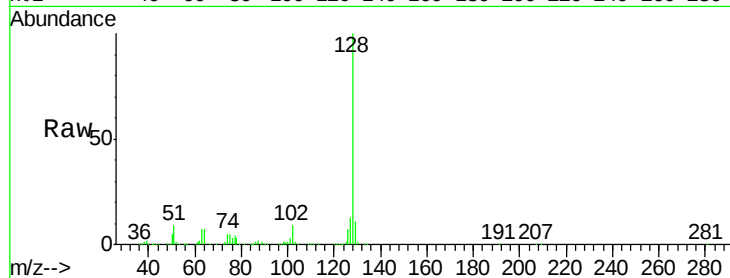
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	330902
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
8/20/2019 9:56:22 AM



#96

1,2,3-Trichlorobenzene

Concen: 55.009 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion:	180	Resp:	160885
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.4	142.2
145	31.5	15.9	47.7

