

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012340.D
 Acq On : 30 Aug 2019 08:24
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/30/2019 11:44:36 AM

Quant Time: Aug 30 09:25:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	327705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140868	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	135134	59.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	118.12%		
35) Dibromofluoromethane	7.88	113	103901	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.24%		
50) Toluene-d8	10.32	98	409151	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.18%		
62) 4-Bromofluorobenzene	12.62	95	150222	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.46%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	51080	43.100	ug/l	95
3) Chloromethane	2.21	50	90452	49.262	ug/l	99
4) Vinyl Chloride	2.36	62	104330	46.424	ug/l	98
5) Bromomethane	2.76	94	53277	46.810	ug/l	97
6) Chloroethane	2.91	64	63702	50.247	ug/l	96
7) Trichlorofluoromethane	3.25	101	53656	47.548	ug/l	99
8) Diethyl Ether	3.68	74	67403	62.927	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91815	47.866	ug/l	98
10) Methyl Iodide	4.27	142	143144	55.155	ug/l	99
11) Tert butyl alcohol	5.18	59	46937	340.877	ug/l	98
12) 1,1-Dichloroethene	4.04	96	94415	48.904	ug/l	97
13) Acrolein	3.89	56	28380	218.956	ug/l	99
14) Allyl chloride	4.67	41	227075	55.017	ug/l	99
15) Acrylonitrile	5.37	53	181432	341.735	ug/l	99
16) Acetone	4.12	43	154276	263.774	ug/l	96
17) Carbon Disulfide	4.38	76	270469	46.355	ug/l	100
18) Methyl Acetate	4.67	43	114749	79.212	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	205849	65.932	ug/l	100
20) Methylene Chloride	4.91	84	142622	64.503	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	111760	53.982	ug/l	99
22) Diisopropyl ether	6.31	45	469681	61.392	ug/l	95
23) Vinyl Acetate	6.25	43	1420330	301.669	ug/l	100
24) 1,1-Dichloroethane	6.21	63	234856	56.380	ug/l	99
25) 2-Butanone	7.17	43	252049	317.130	ug/l	99
26) 2,2-Dichloropropane	7.17	77	107748	45.699	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	128010	57.872	ug/l	99
28) Bromochloromethane	7.51	49	102992	56.727	ug/l	98
29) Tetrahydrofuran	7.53	42	170725	358.037	ug/l	100
30) Chloroform	7.67	83	220913	57.966	ug/l	100
31) Cyclohexane	7.95	56	184481	44.763	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	161954	53.719	ug/l	100
36) 1,1-Dichloropropene	8.08	75	165038	48.735	ug/l	99
37) Ethyl Acetate	7.25	43	115078	62.012	ug/l	100
38) Carbon Tetrachloride	8.07	117	141330	48.218	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170792	44.893	ug/l	99
40) Benzene	8.32	78	490655	53.061	ug/l	99
41) Methacrylonitrile	7.48	41	69829	64.024	ug/l	99
42) 1,2-Dichloroethane	8.40	62	167409	57.766	ug/l	99
43) Isopropyl Acetate	8.42	43	213473	62.103	ug/l	99
44) Trichloroethene	9.09	130	117037	52.065	ug/l	97
45) 1,2-Dichloropropane	9.37	63	137737	55.346	ug/l	98
46) Dibromomethane	9.46	93	64778	58.503	ug/l	99
47) Bromodichloromethane	9.64	83	166067	56.353	ug/l	97
48) Methyl methacrylate	9.43	41	103573	63.308	ug/l	97
49) 1,4-Dioxane	9.46	88	20163	1189.489	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	564132	322.663	ug/l	99
52) Toluene	10.38	92	299448	53.905	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	166911	55.604	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	195098	53.828	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	91725	58.549	ug/l	98
56) Ethyl methacrylate	10.65	69	143490	62.931	ug/l	99
57) 1,3-Dichloropropane	10.93	76	175919	59.421	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	364104	311.147	ug/l	100
59) 2-Hexanone	10.97	43	384339	310.683	ug/l	100
60) Dibromochloromethane	11.13	129	102276	58.612	ug/l	98
61) 1,2-Dibromoethane	11.23	107	88298	60.498	ug/l	99
64) Tetrachloroethene	10.86	164	107057	56.639	ug/l	99
65) Chlorobenzene	11.66	112	306420	53.376	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	109693	54.772	ug/l	98
67) Ethyl Benzene	11.73	91	576441	52.126	ug/l	100
68) m/p-Xylenes	11.84	106	413899	103.904	ug/l	100
69) o-Xylene	12.16	106	198389	53.810	ug/l	100
70) Styrene	12.18	104	351389	55.064	ug/l	99
71) Bromoform	12.35	173	58954	59.083	ug/l	100
73) Isopropylbenzene	12.46	105	531808	50.382	ug/l	99
74) N-amyl acetate	12.27	43	188563	59.127	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	112218	57.990	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	92800m	67.641	ug/l	
77) Bromobenzene	12.74	156	123046	53.884	ug/l	99
78) n-propylbenzene	12.80	91	644981	50.053	ug/l	99
79) 2-Chlorotoluene	12.89	91	378672	51.760	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	454415	51.520	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	33823	54.053	ug/l	98
82) 4-Chlorotoluene	12.99	91	398861	52.068	ug/l	100
83) tert-Butylbenzene	13.21	119	383045	51.269	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	460737	52.002	ug/l	100
85) sec-Butylbenzene	13.38	105	530129	49.526	ug/l	100
86) p-Isopropyltoluene	13.50	119	481688	50.389	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	238291	53.350	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	233247	52.593	ug/l	99
89) n-Butylbenzene	13.82	91	465060	48.922	ug/l	100
90) Hexachloroethane	14.09	117	84970	50.663	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	214396	54.716	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19203	58.863	ug/l	96

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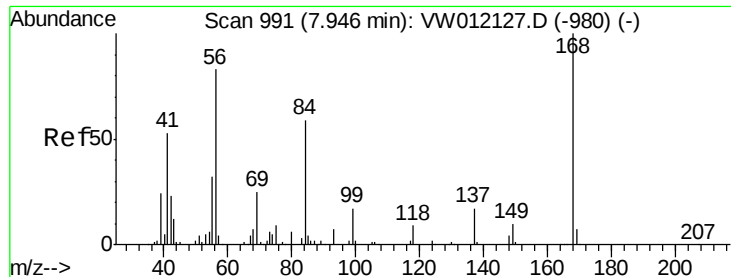
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93) 1,2,4-Trichlorobenzene	15.13	180	149159	55.085	ug/l	100
94) Hexachlorobutadiene	15.24	225	89372	49.985	ug/l	97
95) Naphthalene	15.36	128	300686	56.020	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	135457	57.336	ug/l	99

(#) = 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: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 192476

Ion Ratio Lower Upper

168 100

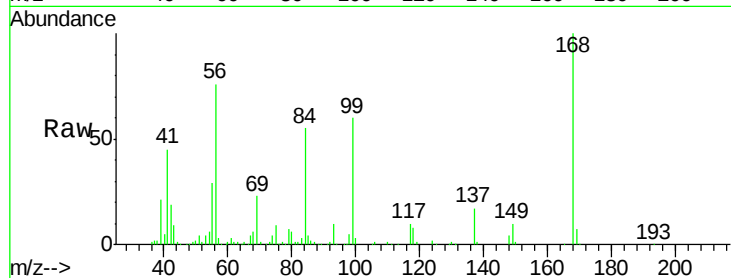
99 60.4 49.2 73.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

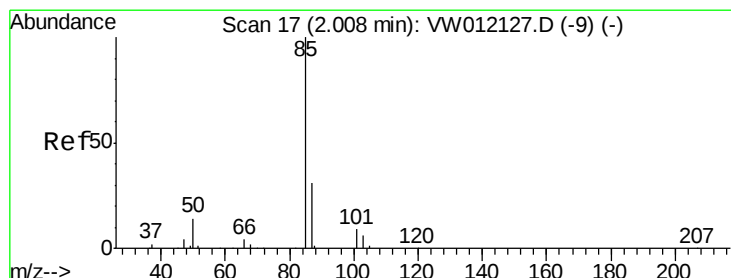
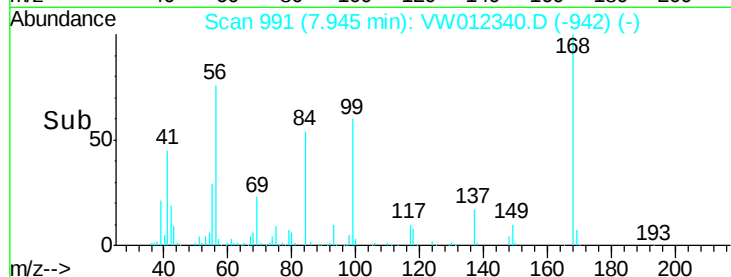
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 43.100 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012340.D

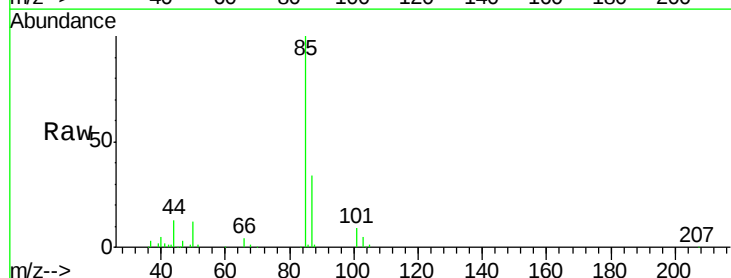
Acq: 30 Aug 2019 08:24

Tgt Ion: 85 Resp: 51080

Ion Ratio Lower Upper

85 100

87 34.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

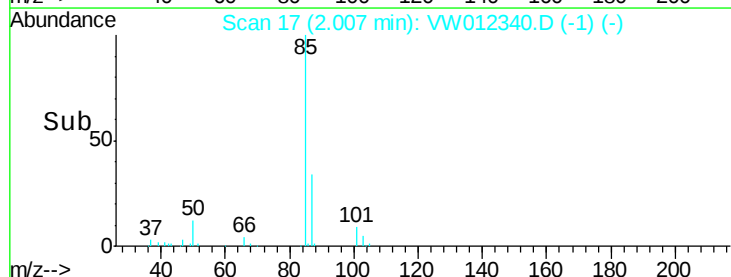
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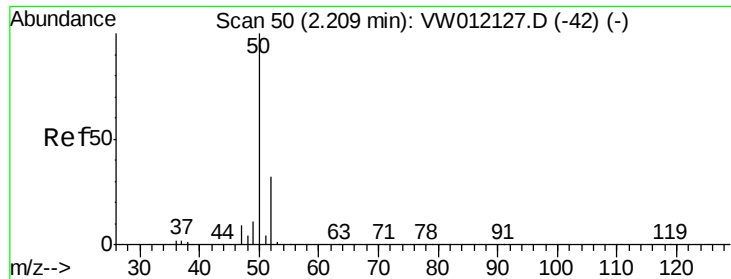
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 49.262 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 90452

Ion Ratio Lower Upper

50 100

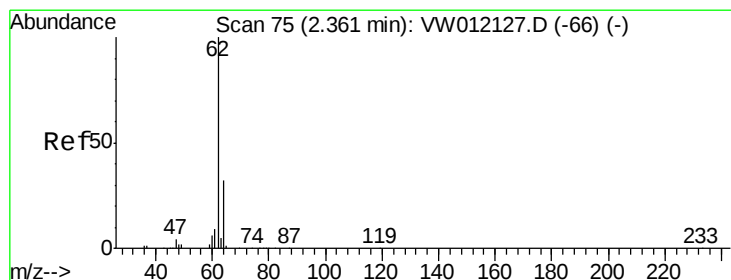
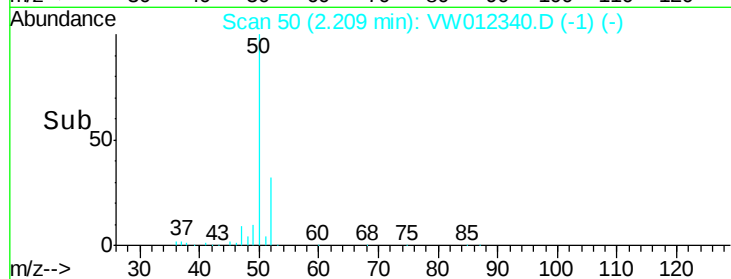
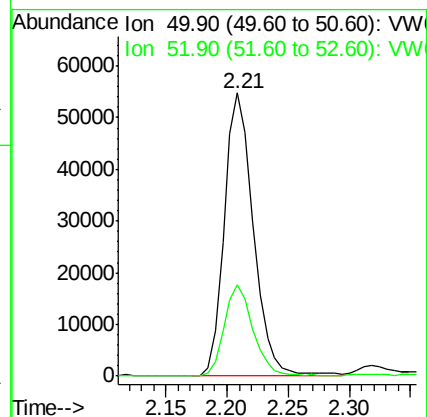
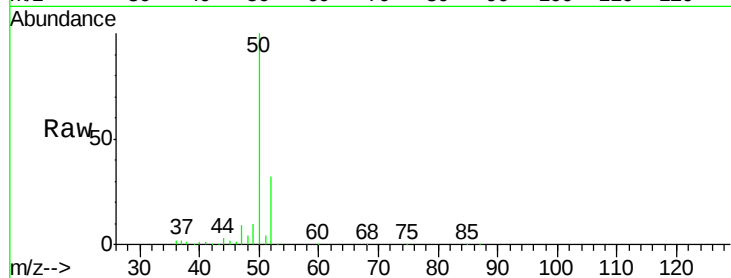
52 32.3 25.5 38.3

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#4

Vinyl Chloride

Concen: 46.424 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012340.D

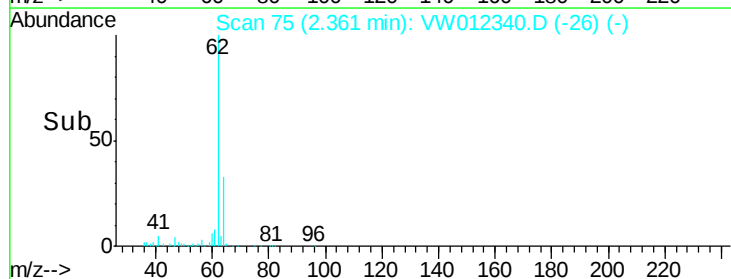
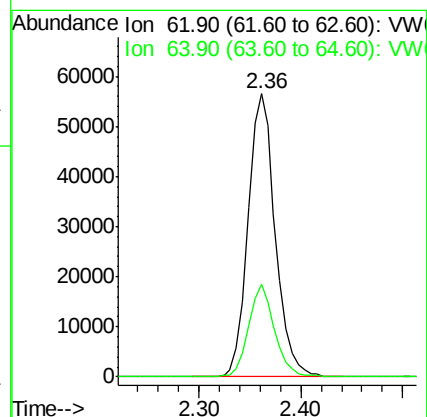
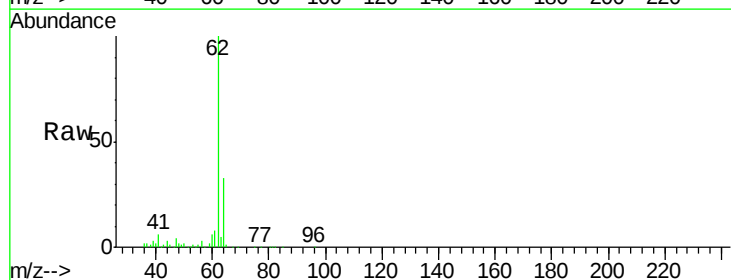
Acq: 30 Aug 2019 08:24

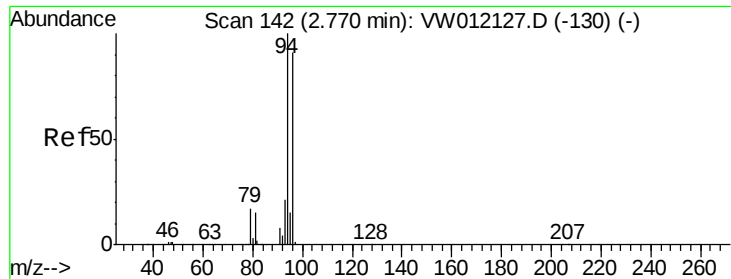
Tgt Ion: 62 Resp: 104330

Ion Ratio Lower Upper

62 100

64 32.8 25.3 37.9





#5

Bromomethane

Concen: 46.810 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 53277

Ion Ratio Lower Upper

94 100

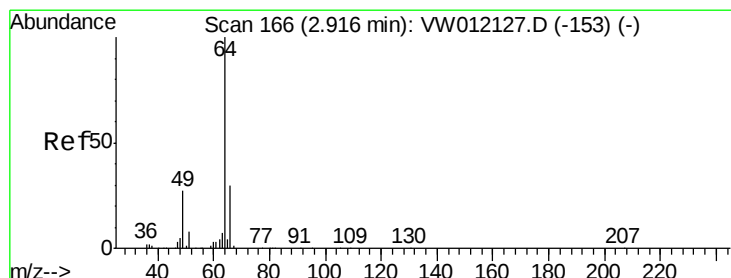
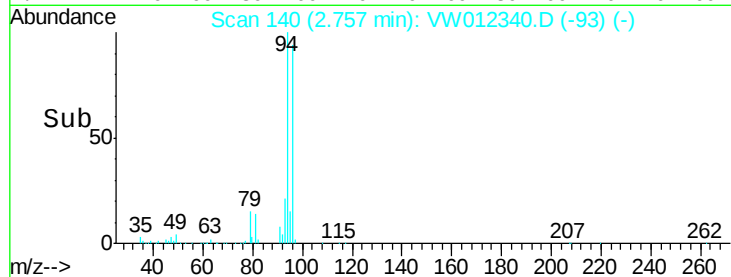
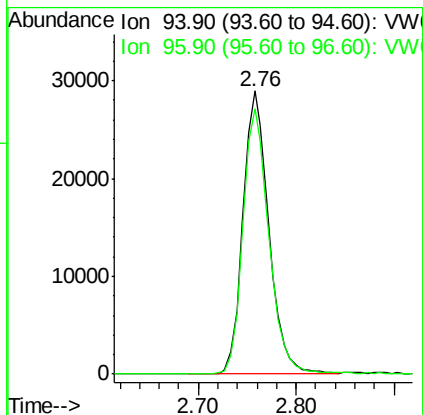
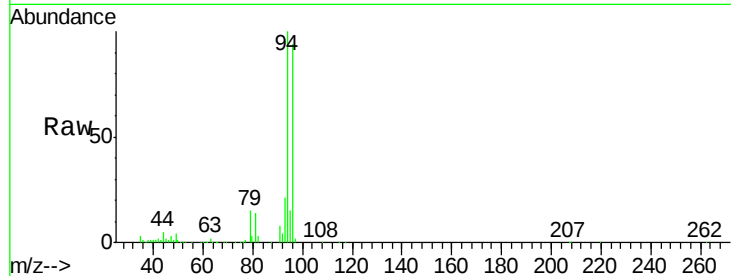
96 93.8 72.9 109.3

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#6

Chloroethane

Concen: 50.247 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012340.D

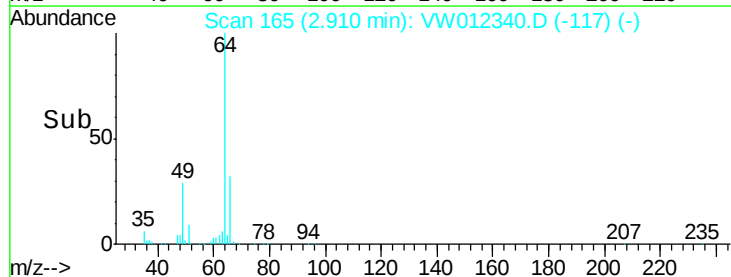
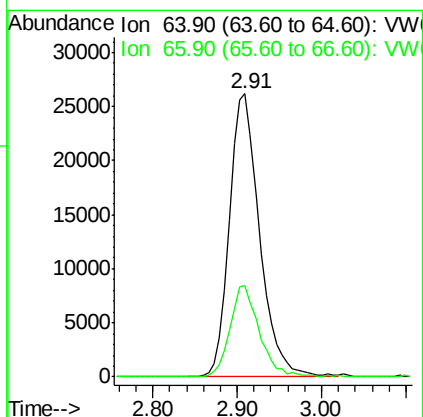
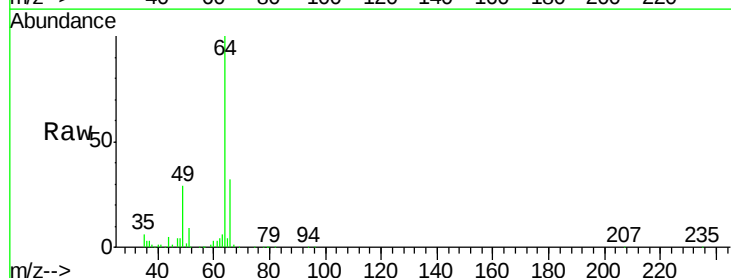
Acq: 30 Aug 2019 08:24

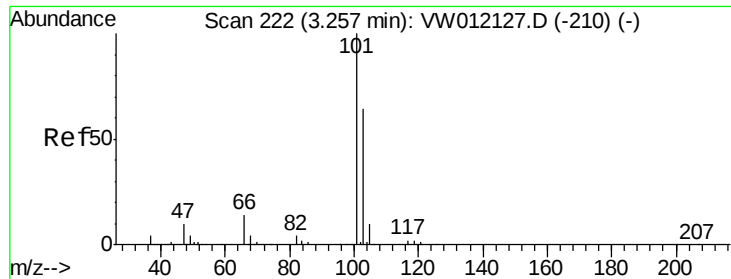
Tgt Ion: 64 Resp: 63702

Ion Ratio Lower Upper

64 100

66 32.1 23.8 35.8





#7

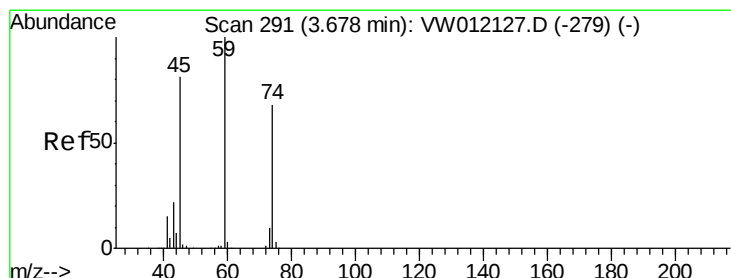
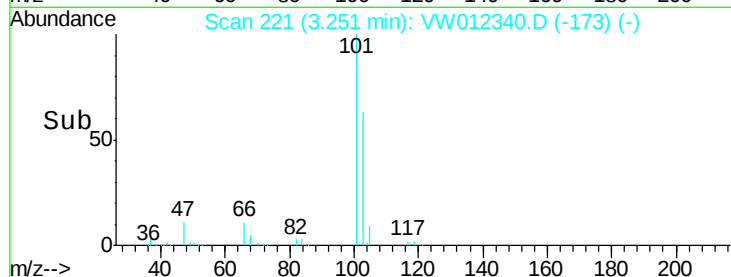
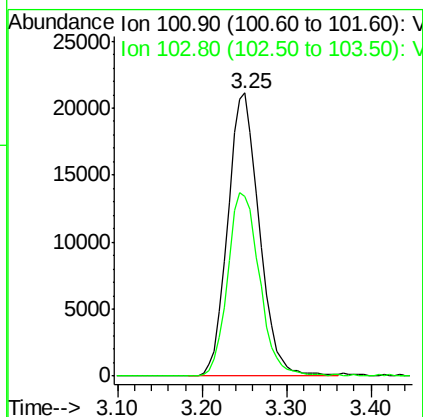
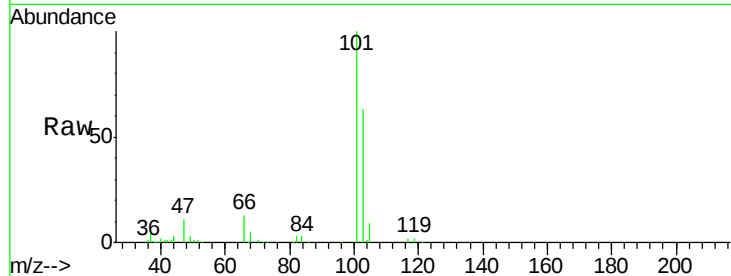
Trichlorofluoromethane
 Concen: 47.548 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.2	76.8

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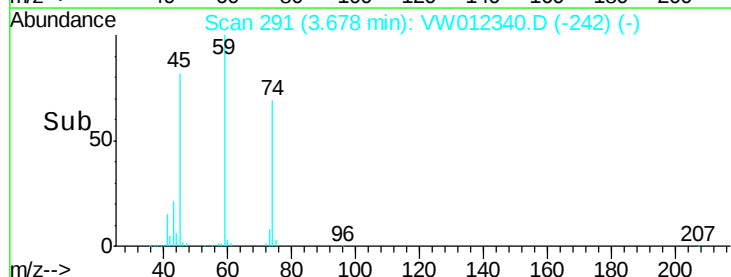
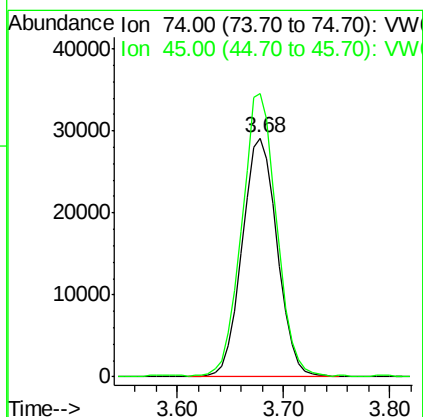
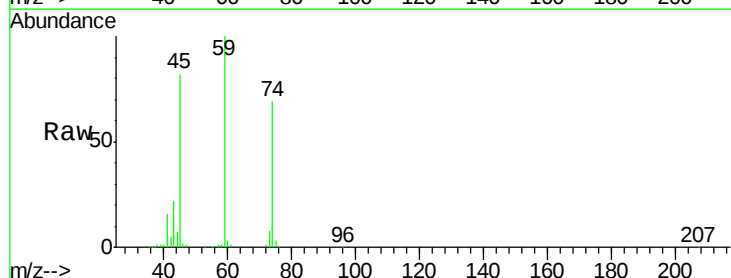
MMDadoda
 8/30/2019 11:44:36 AM

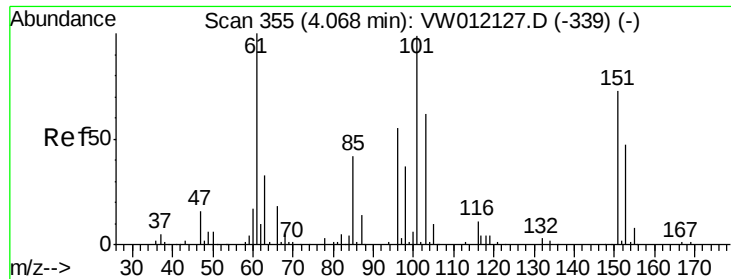


#8

Diethyl Ether
 Concen: 62.927 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.9	59.2	177.6





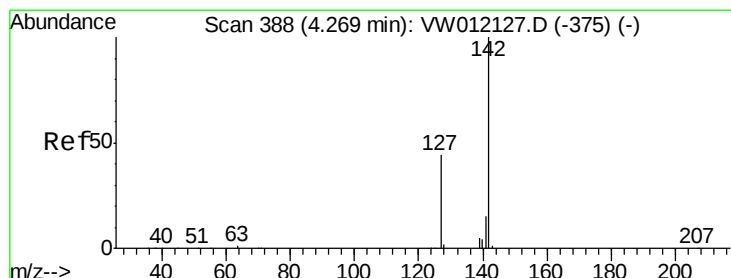
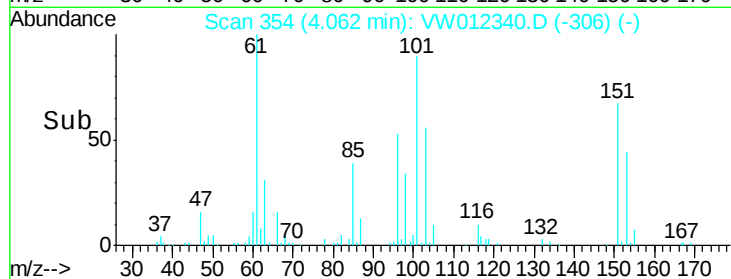
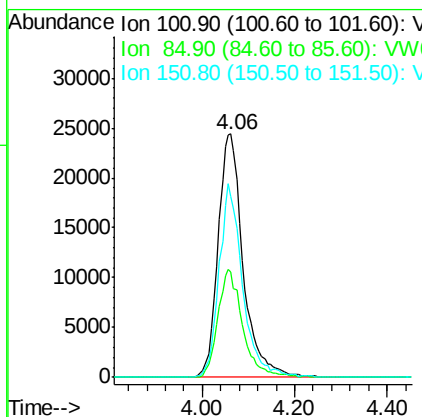
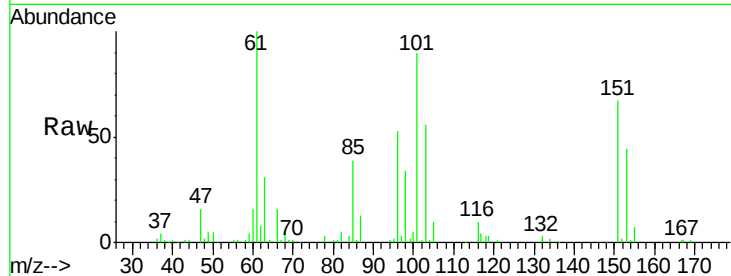
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.866 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VW012340.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.8	53.6
151	74.6	58.6	87.8

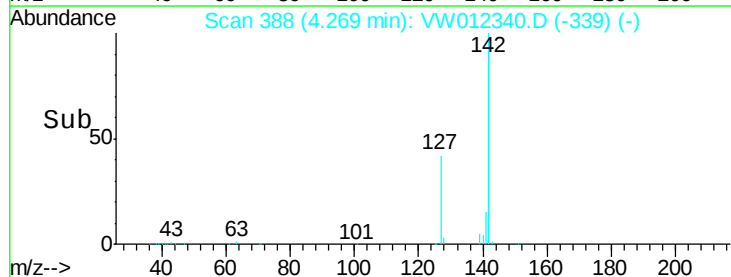
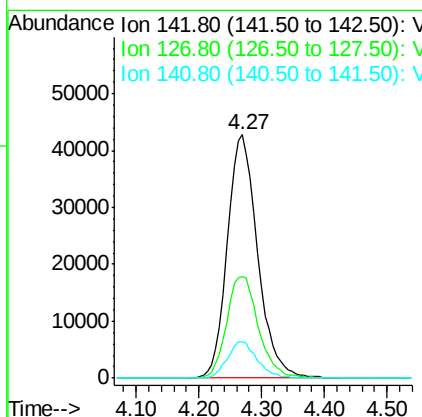
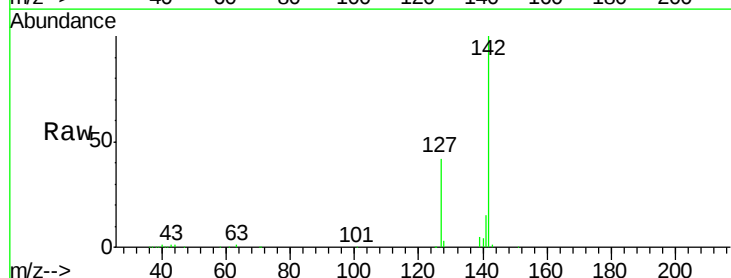
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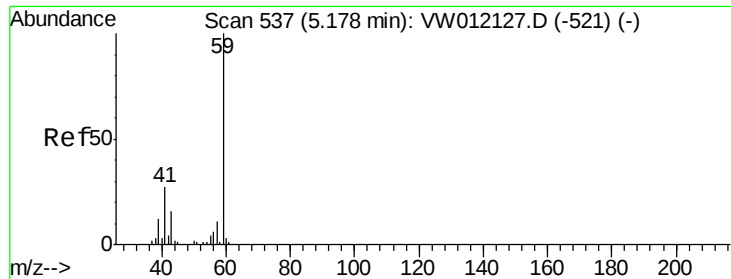
MMDadoda
 8/30/2019 11:44:36 AM



#10
 Methyl Iodide
 Concen: 55.155 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.9	35.5	53.3
141	14.8	11.8	17.8





#11

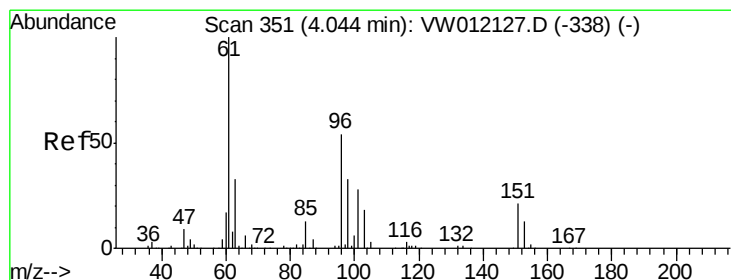
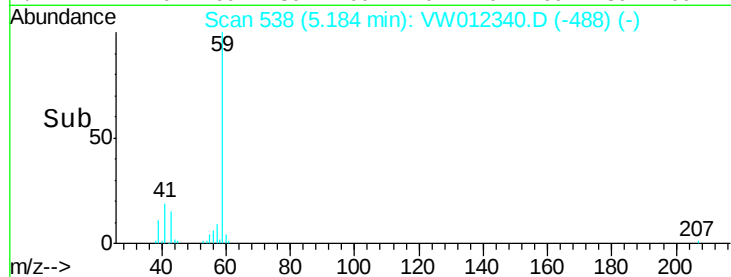
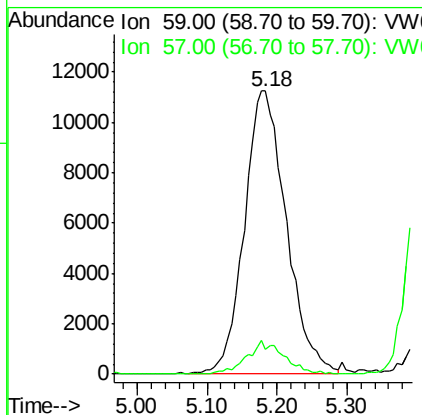
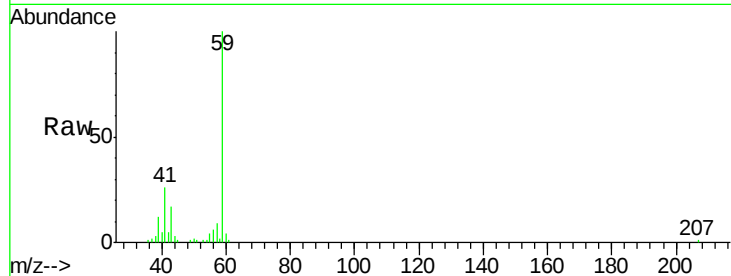
Tert butyl alcohol
Concen: 340.877 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	46937
Ion Ratio	100	Lower	Upper
57	10.5	9.0	13.4

Manual Integrations
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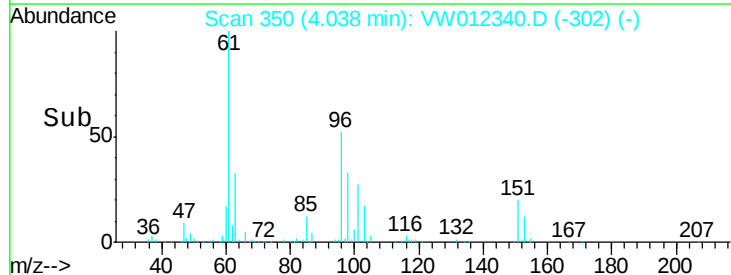
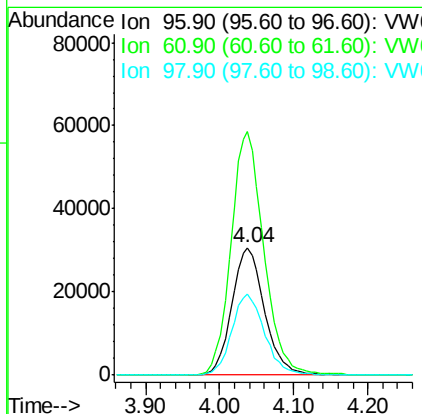
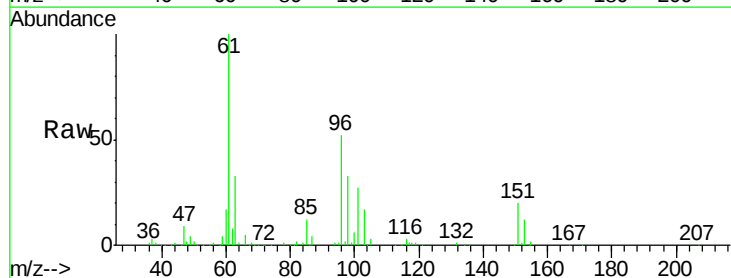
MMDadoda
8/30/2019 11:44:36 AM

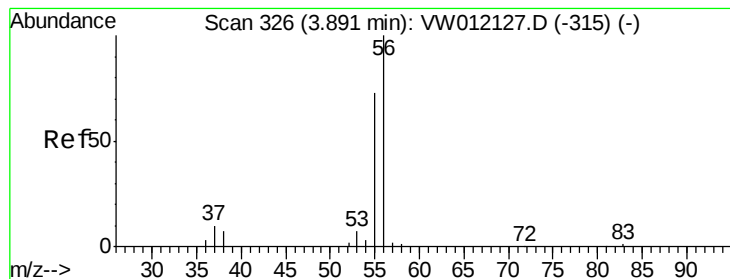


#12

1,1-Dichloroethene
Concen: 48.904 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	96	Resp	94415
Ion Ratio	100	Lower	Upper
61	190.8	149.1	223.7
98	63.2	49.4	74.2





#13

Acrolein

Concen: 218.956 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 28380

Ion Ratio Lower Upper

56 100

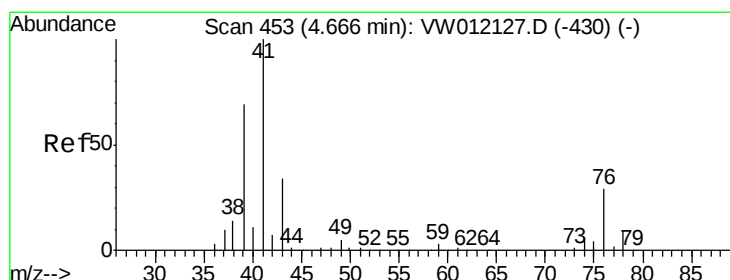
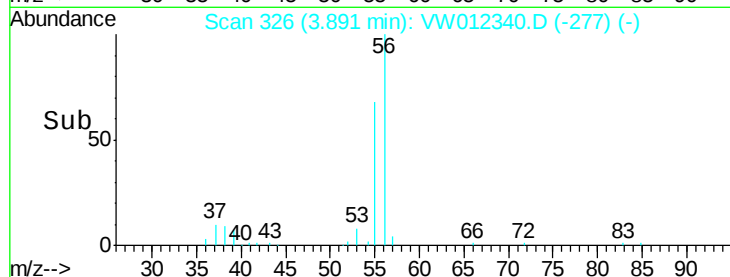
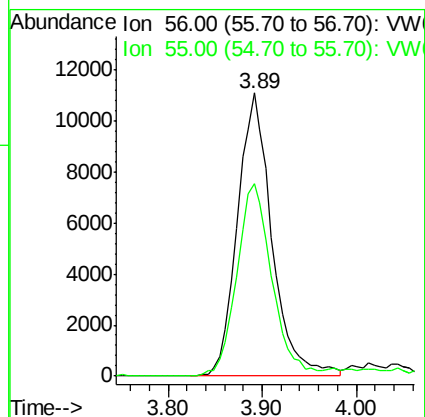
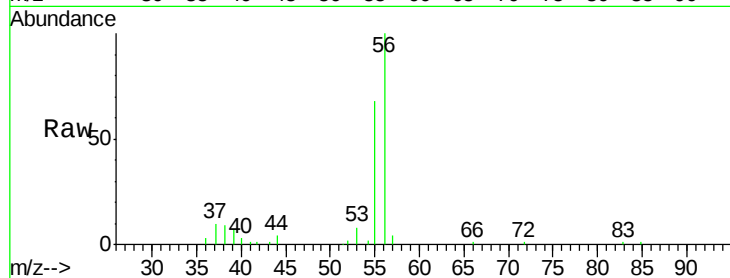
55 68.8 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 55.017 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

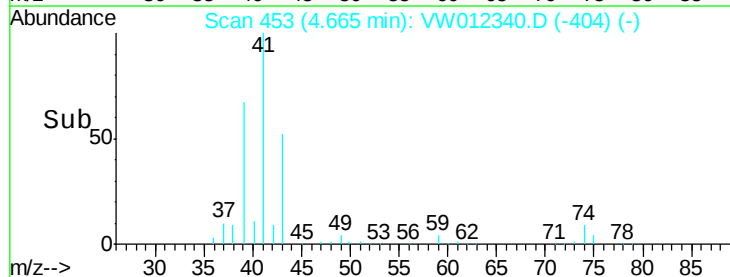
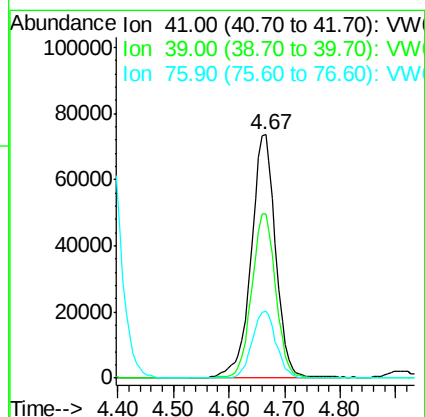
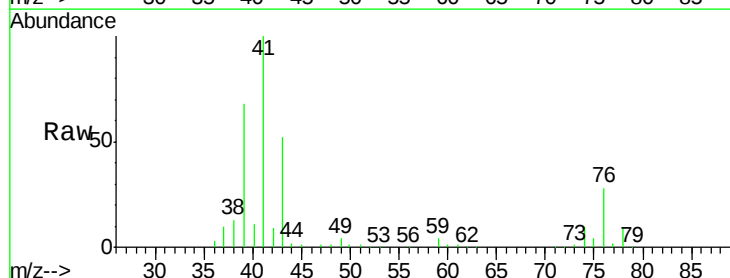
Tgt Ion: 41 Resp: 227075

Ion Ratio Lower Upper

41 100

39 65.9 53.4 80.2

76 26.8 22.1 33.1





#15

Acrylonitrile

Concen: 341.735 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

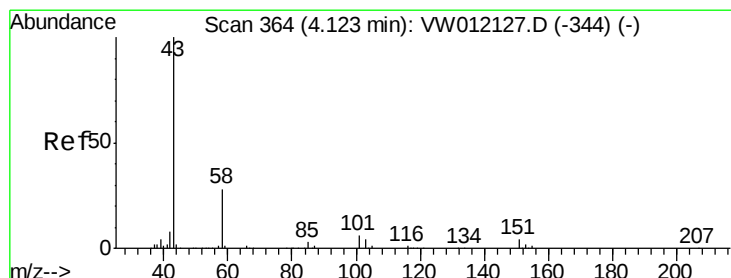
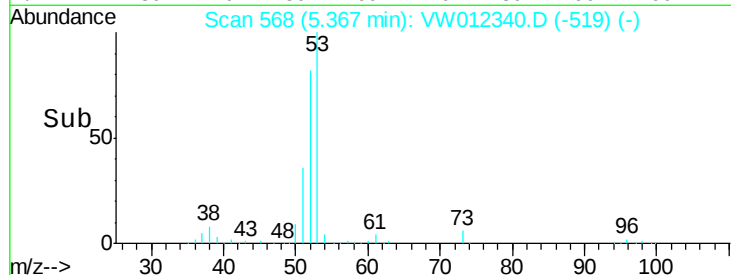
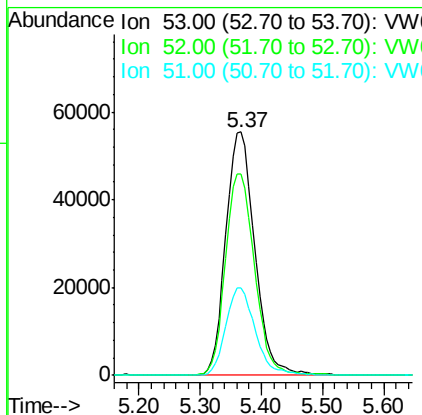
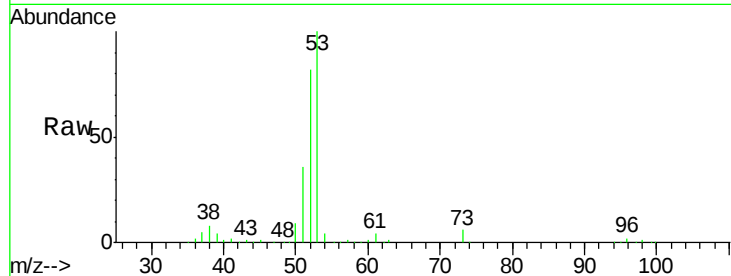
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	181432
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.7	100.1
51	36.6	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 263.774 ug/l

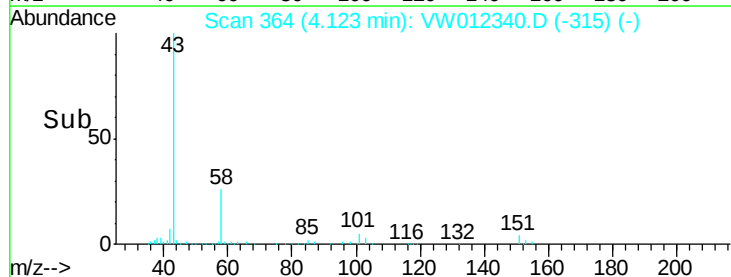
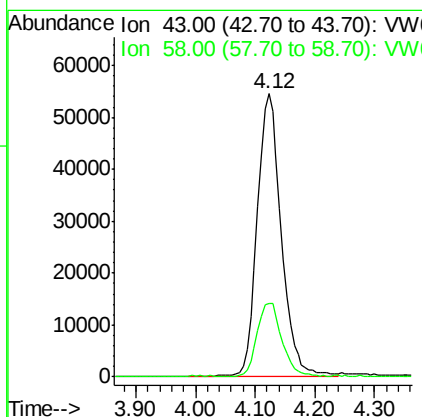
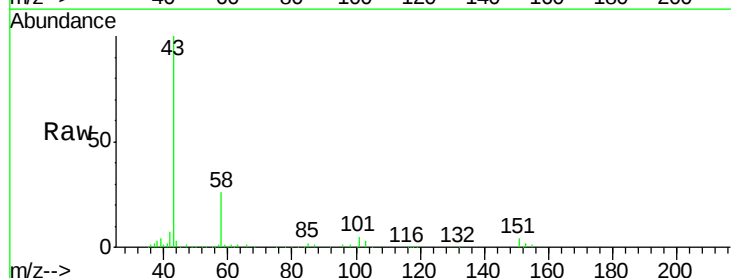
RT: 4.12 min Scan# 364

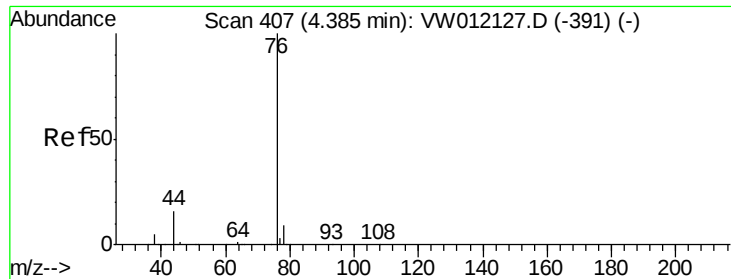
Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Tgt Ion:	43	Resp:	154276
Ion	Ratio	Lower	Upper
43	100		
58	25.8	22.4	33.6





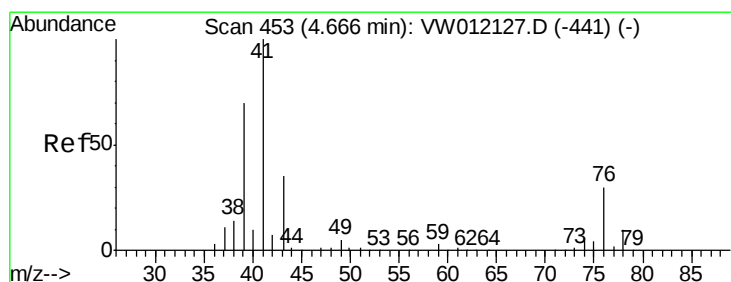
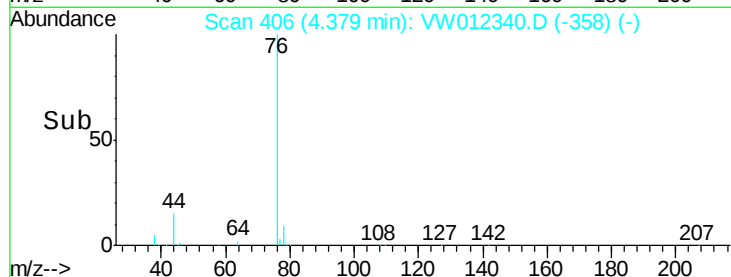
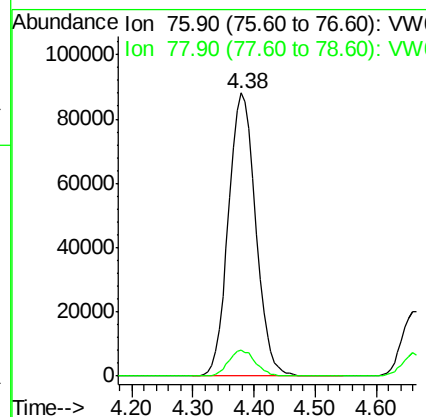
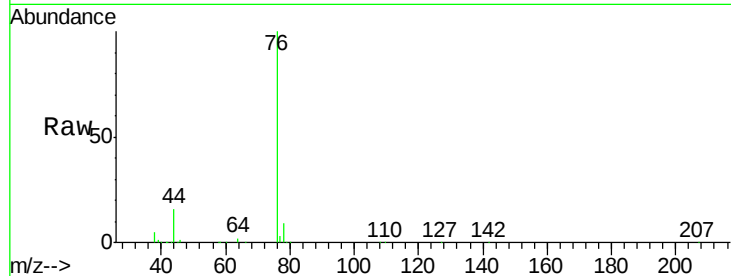
#17
Carbon Disulfide
Concen: 46.355 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

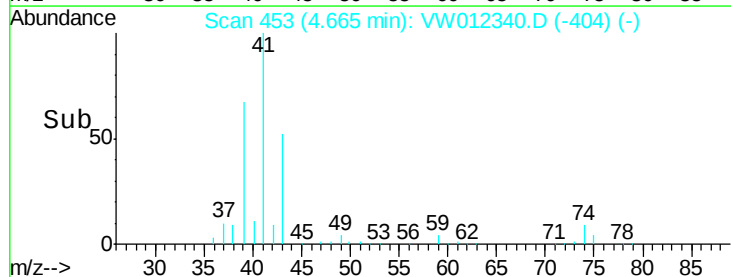
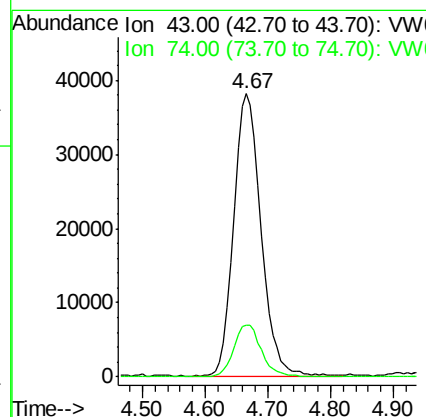
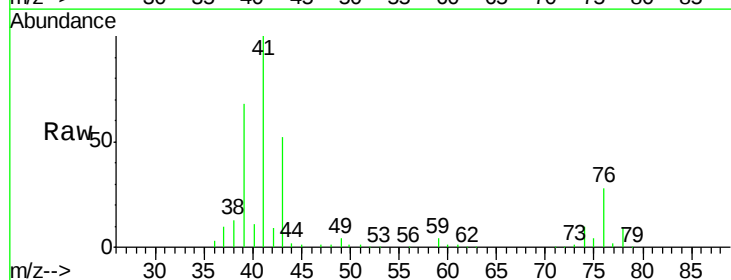
Manual Integrations
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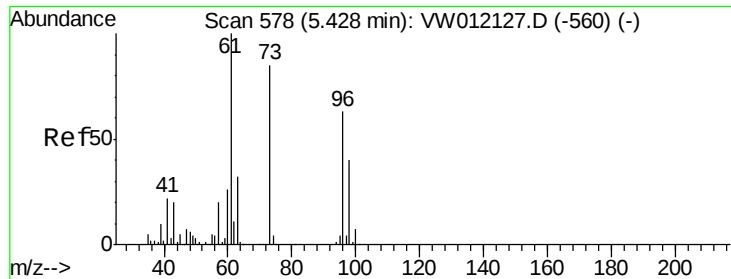
MMDadoda
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#18
Methyl Acetate
Concen: 79.212 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.7	15.7	23.5





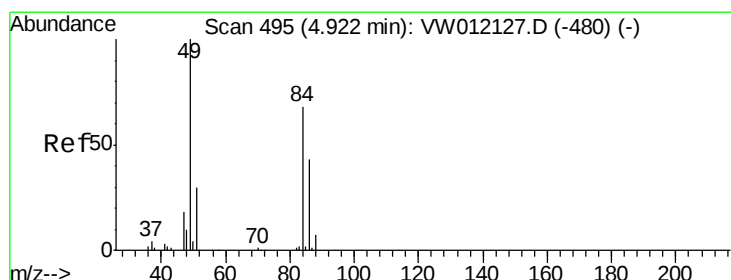
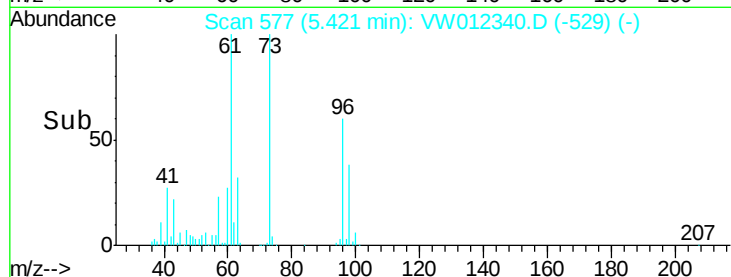
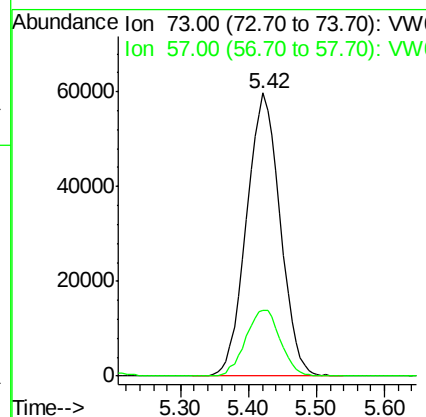
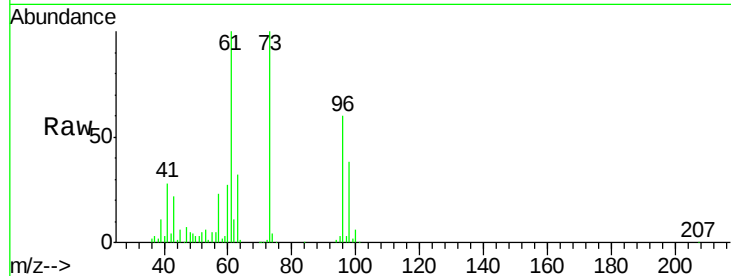
#19
Methvl tert-butvl Ether
Concen: 65.932 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 205849
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3

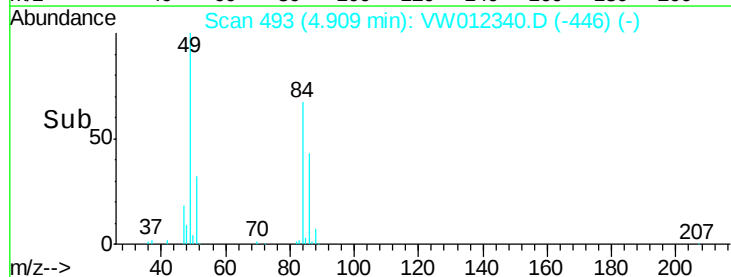
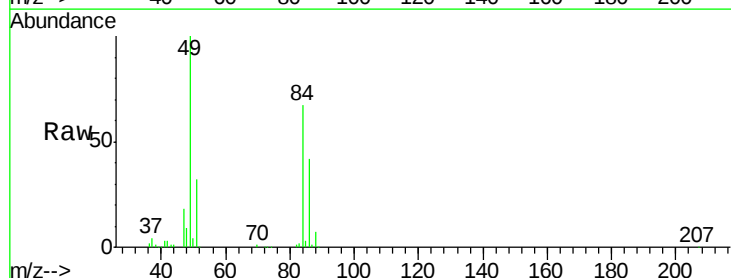
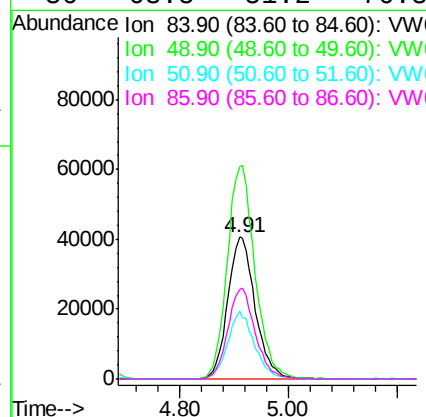
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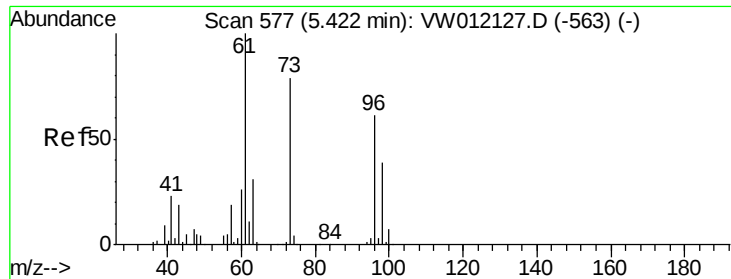
MMDadoda
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#20
Methylene Chloride
Concen: 64.503 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion: 84 Resp: 142622
Ion Ratio Lower Upper
84 100
49 150.1 117.8 176.8
51 47.7 35.6 53.4
86 63.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 53.982 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

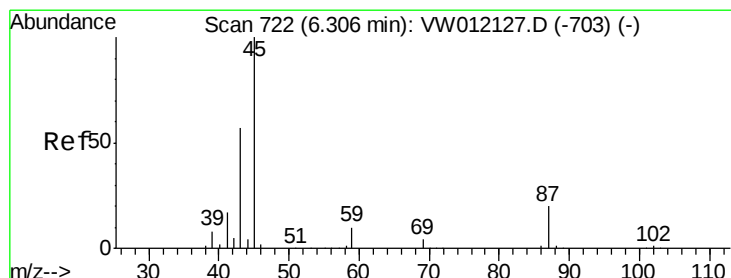
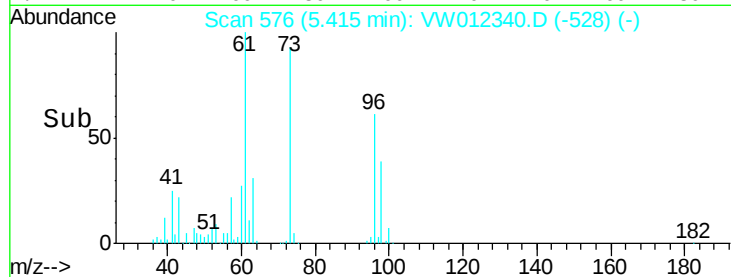
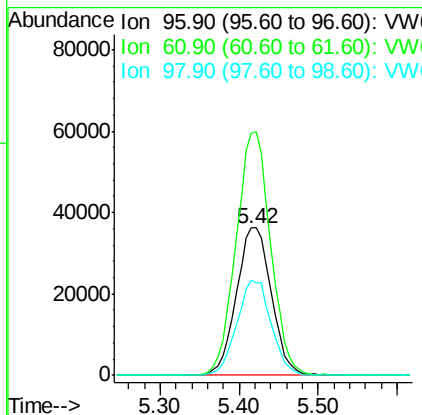
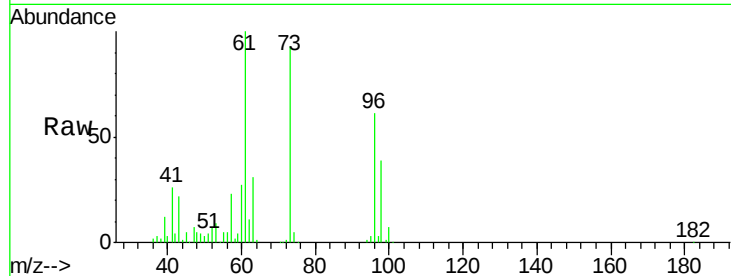
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	111760
Ion	Ratio	Lower	Upper
96	100		
61	164.8	131.4	197.0
98	64.8	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 61.392 ug/l

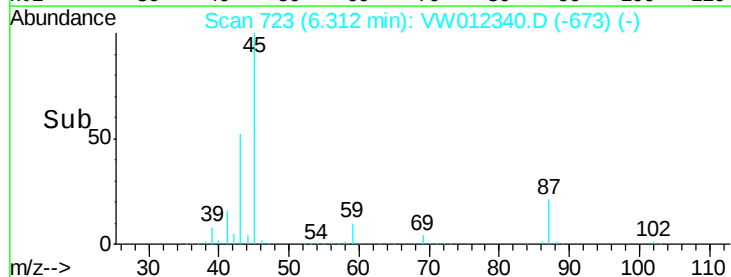
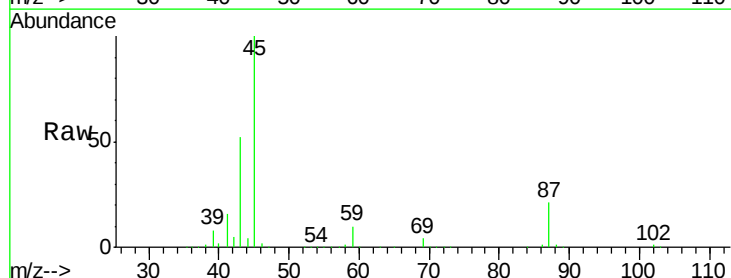
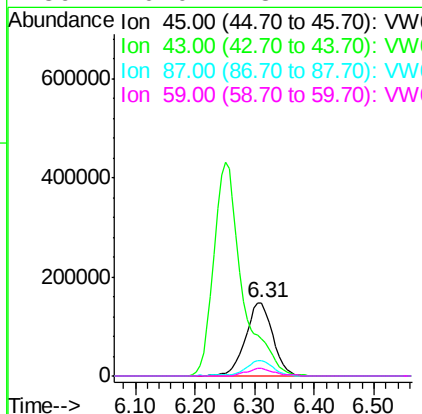
RT: 6.31 min Scan# 723

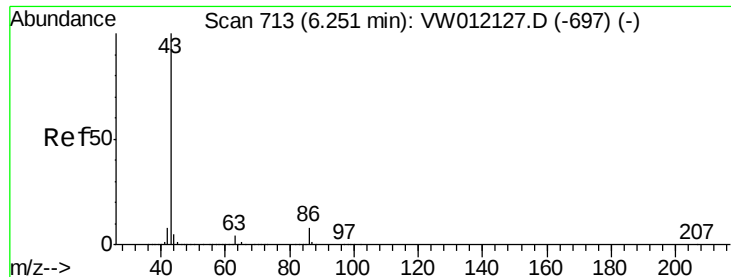
Delta R.T. 0.01 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Tgt Ion:	45	Resp:	469681
Ion	Ratio	Lower	Upper
45	100		
43	51.4	45.5	68.3
87	21.1	16.1	24.1
59	10.0	8.2	12.2





#23

Vinyl Acetate

Concen: 301.669 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Tot Ion: 43 Resp: 1420330

Ion Ratio Lower Upper

43 100

86 7.9 6.5 9.7

Instrument :

MSVOA_W

ClientSampleId :

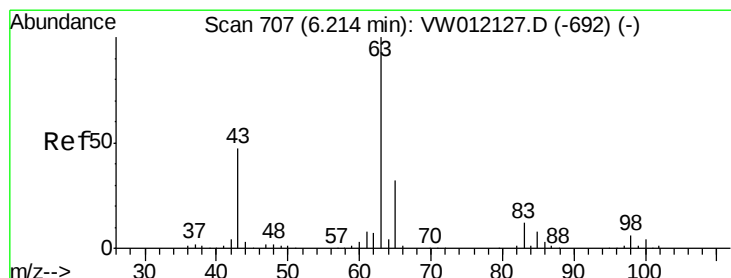
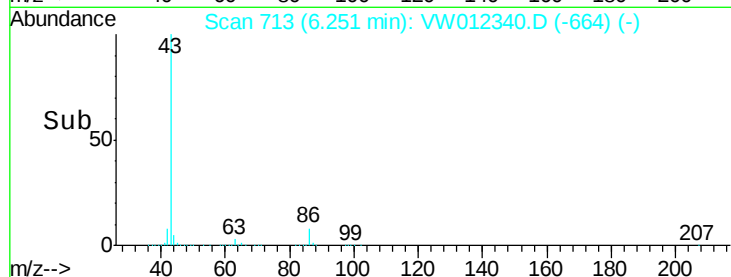
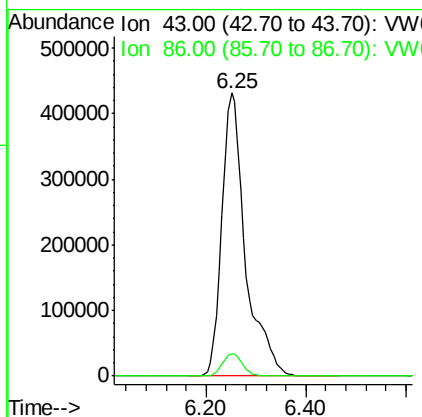
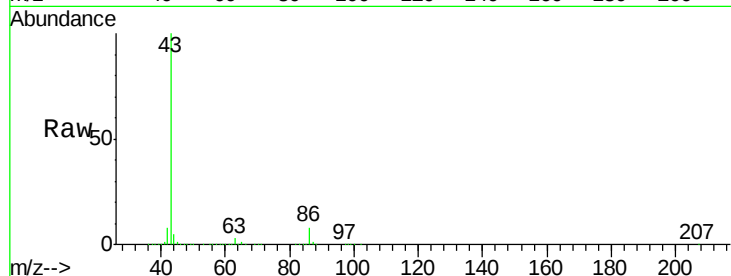
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 56.380 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

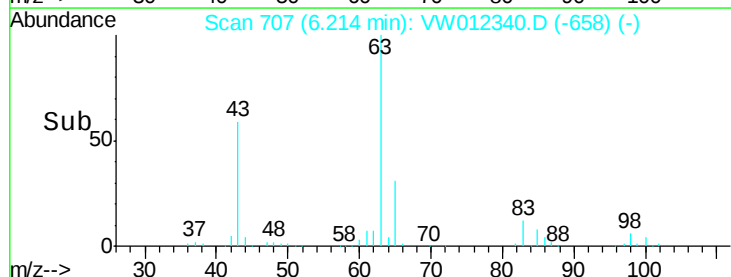
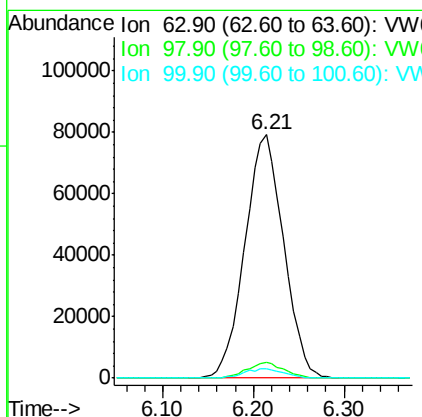
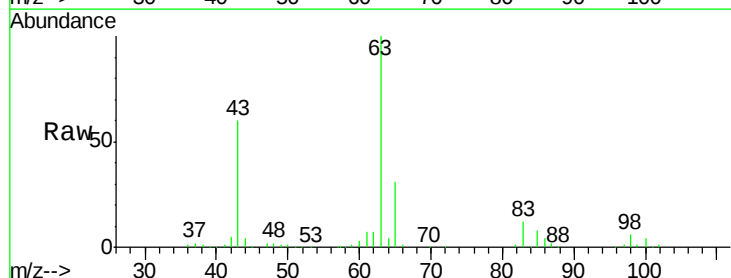
Tgt Ion: 63 Resp: 234856

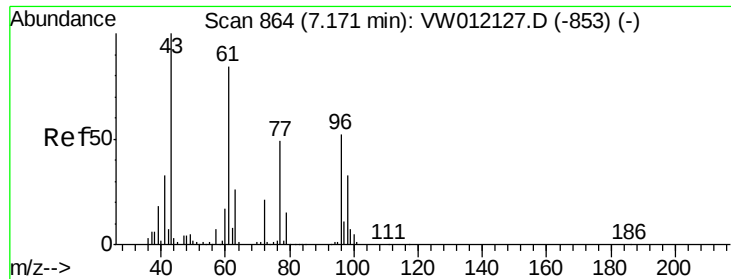
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 317.130 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 252049

Ion Ratio Lower Upper

43 100

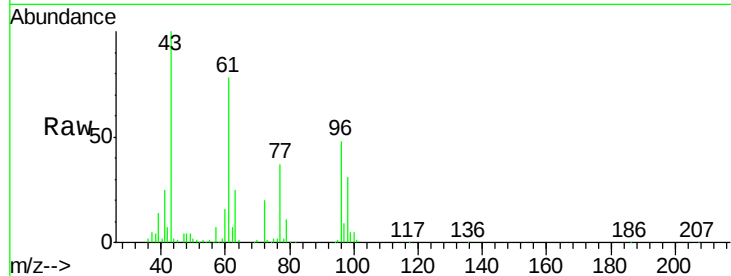
72 20.3 16.6 24.8

Manual Integrations

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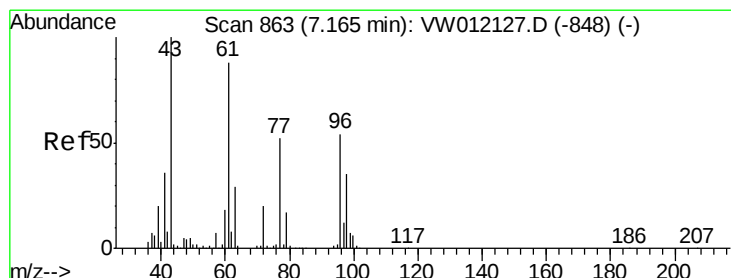
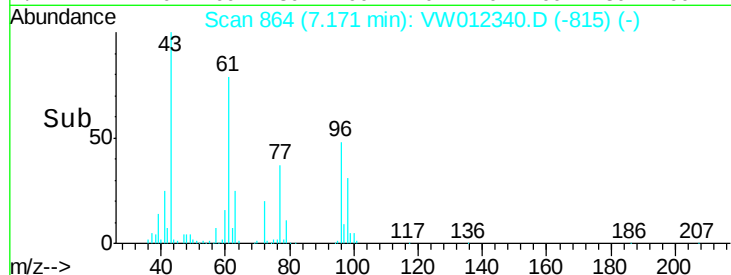
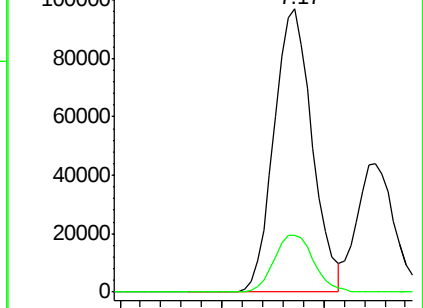
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 45.699 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012340.D

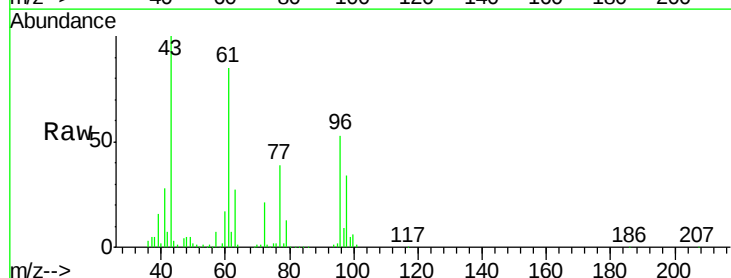
Acq: 30 Aug 2019 08:24

Tgt Ion: 77 Resp: 107748

Ion Ratio Lower Upper

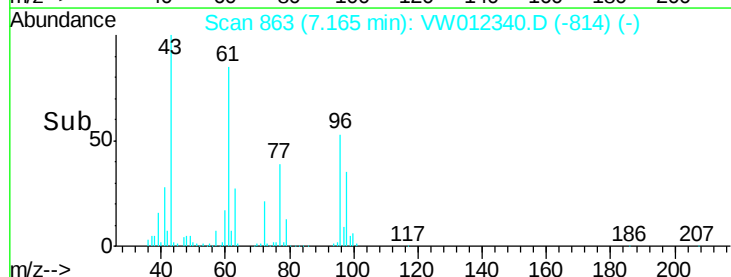
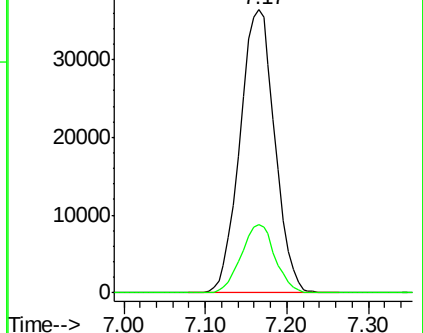
77 100

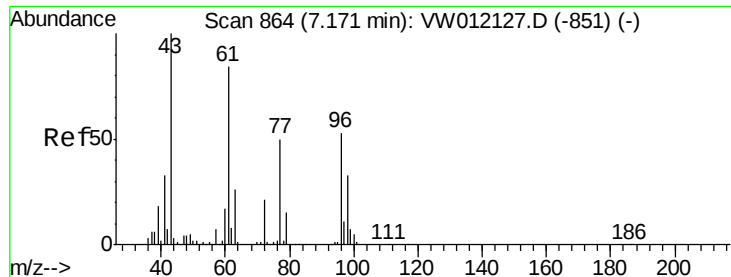
97 23.6 11.1 33.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

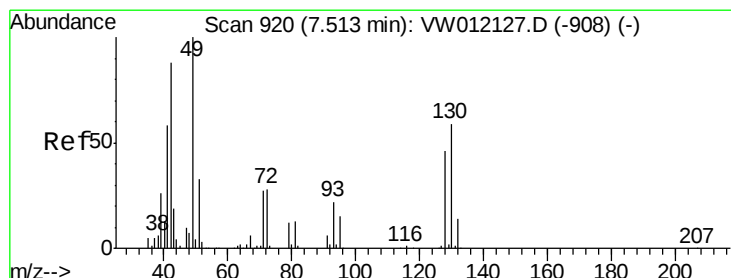
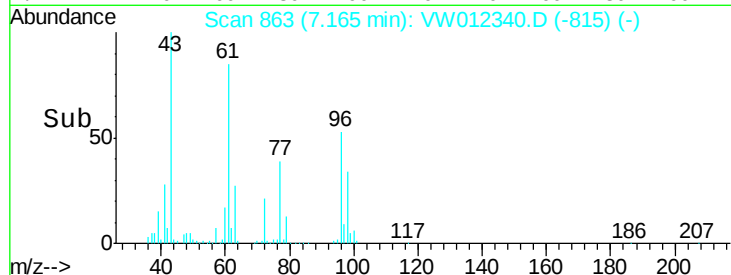
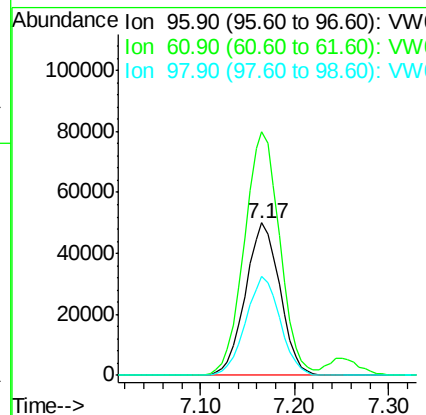
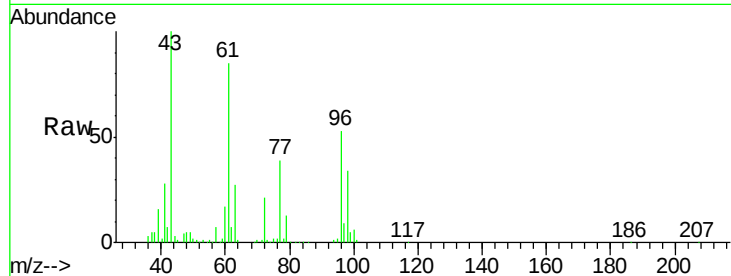
cis-1,2-Dichloroethene
Concen: 57.872 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	128010		
61	163.0	0.0	326.6	
98	64.6	0.0	127.4	

Manual Integrations
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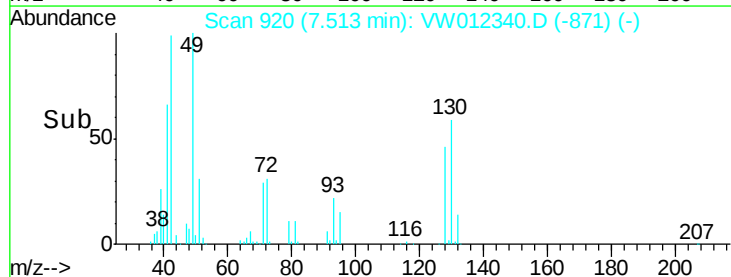
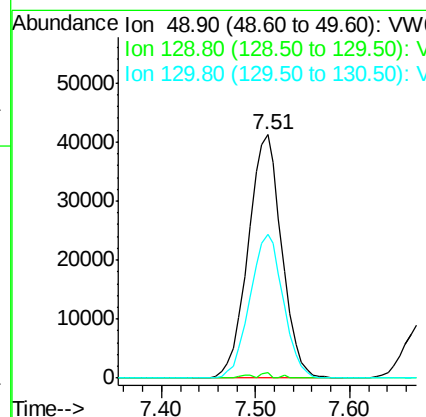
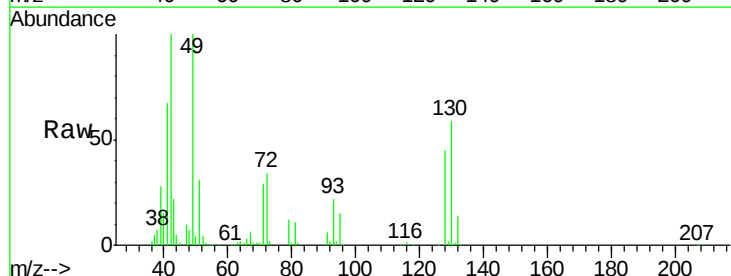
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8/30/2019 11:44:36 AM

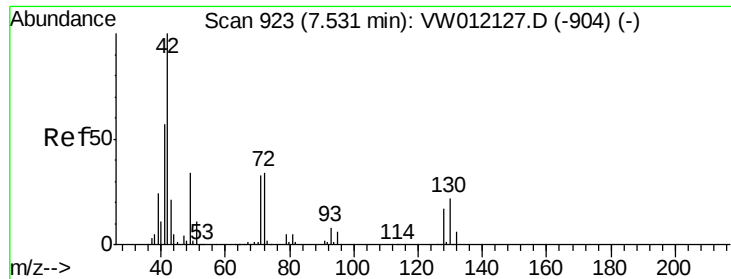


#28

Bromochloromethane
Concen: 56.727 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	102992		
129	1.0	0.0	1.4	
130	58.6	45.5	68.3	





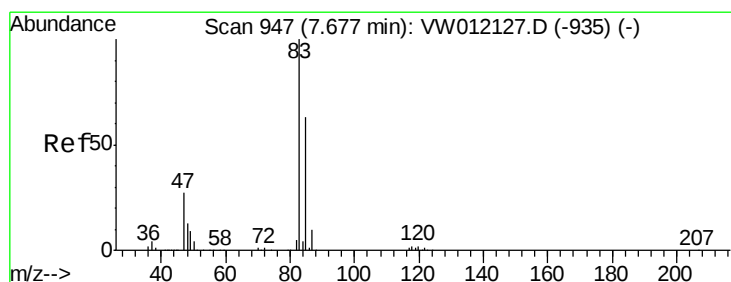
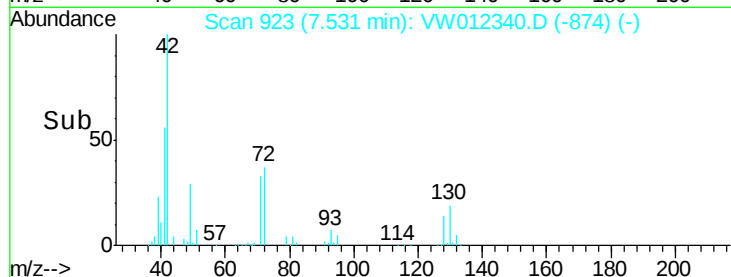
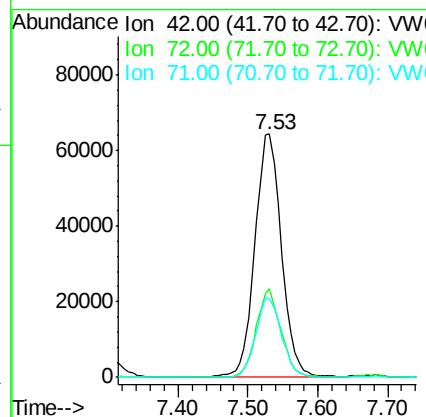
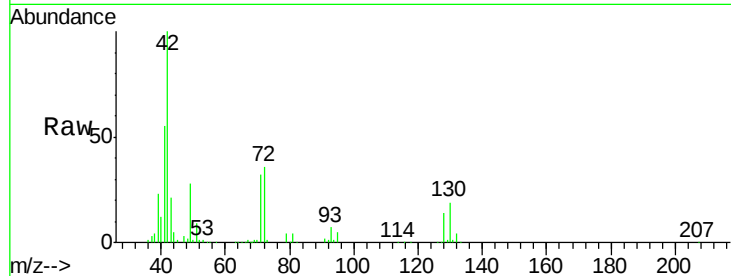
#29
Tetrahydrofuran
Concen: 358.037 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.7	27.3	40.9
71	31.9	25.5	38.3

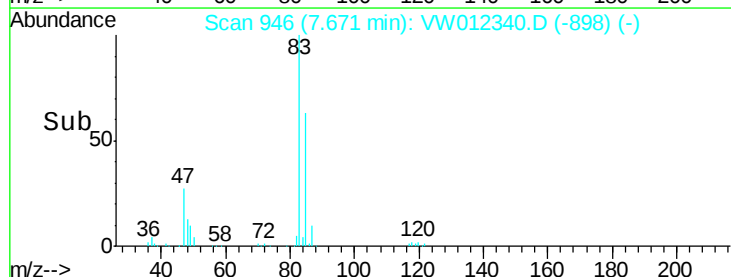
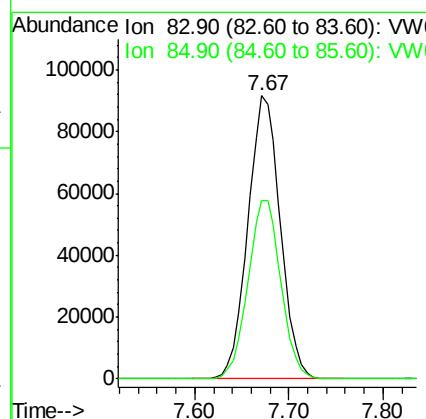
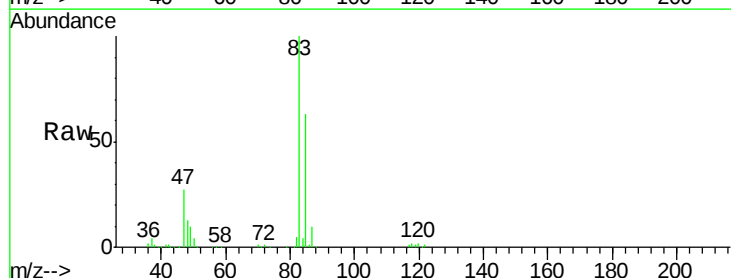
Manual Integrations
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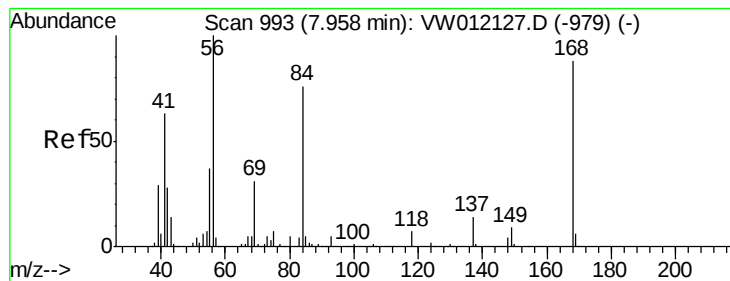
MMDadoda
8/30/2019 11:44:36 AM



#30
Chloroform
Concen: 57.966 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	76.0





#31

Cyclohexane

Concen: 44.763 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

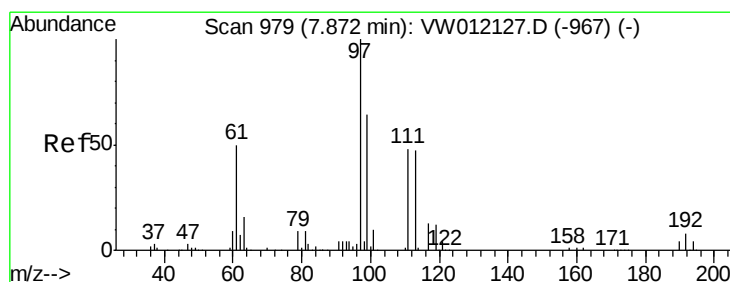
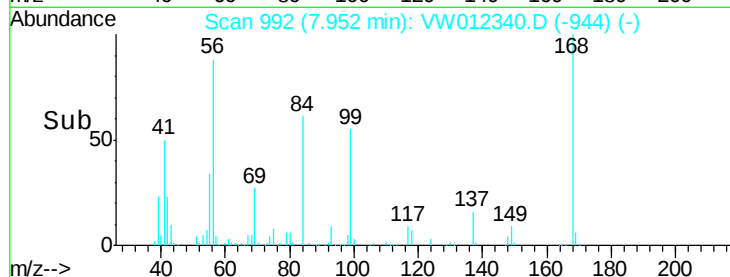
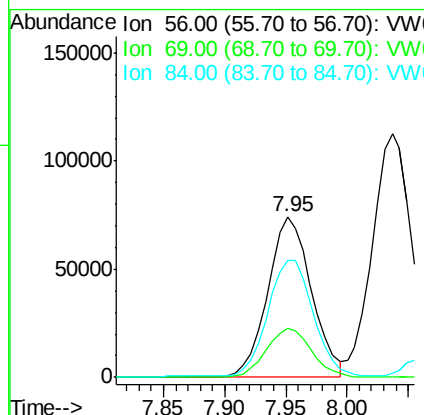
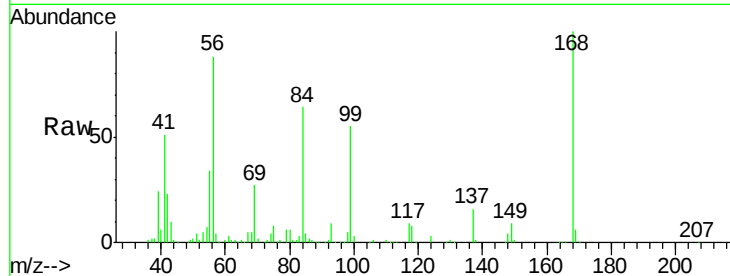
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	184481
Ion Ratio		Lower	Upper
56	100		
69	30.9	24.9	37.3
84	71.7	60.6	90.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.719 ug/l

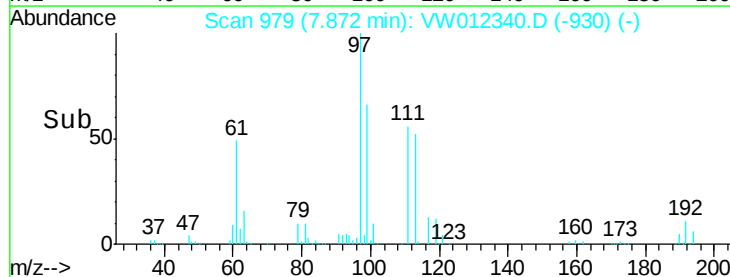
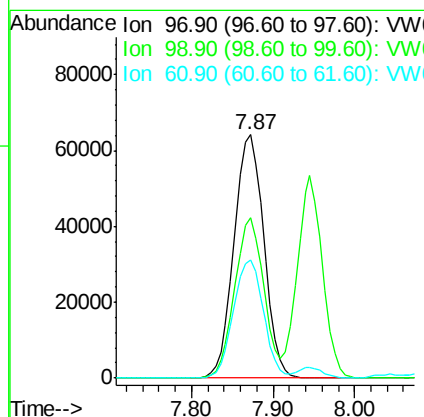
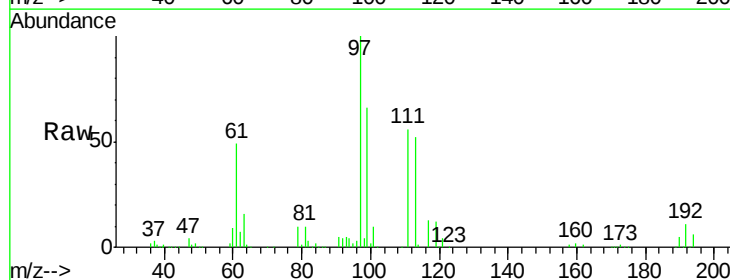
RT: 7.87 min Scan# 979

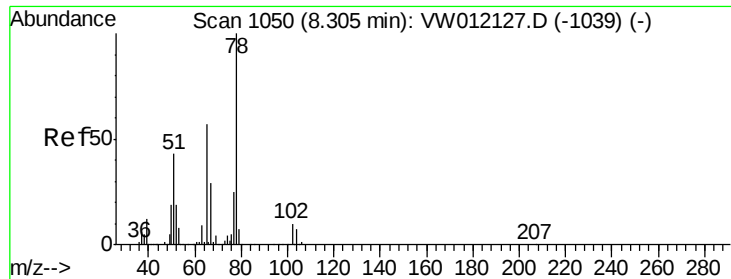
Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Tgt Ion:	97	Resp:	161954
Ion Ratio		Lower	Upper
97	100		
99	64.4	51.4	77.0
61	49.2	39.5	59.3





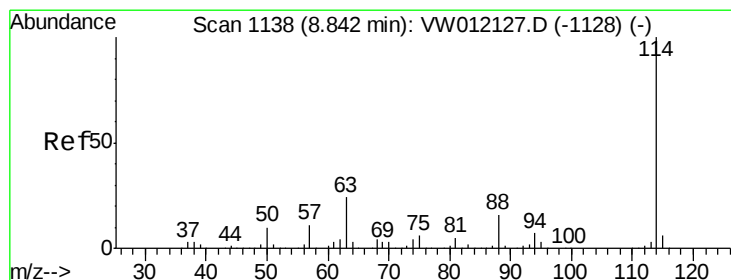
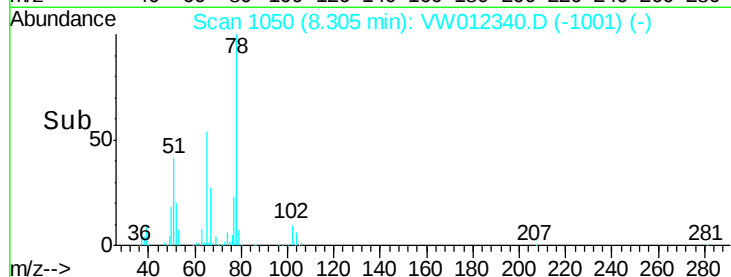
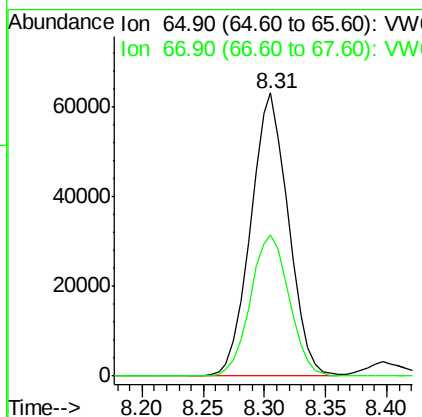
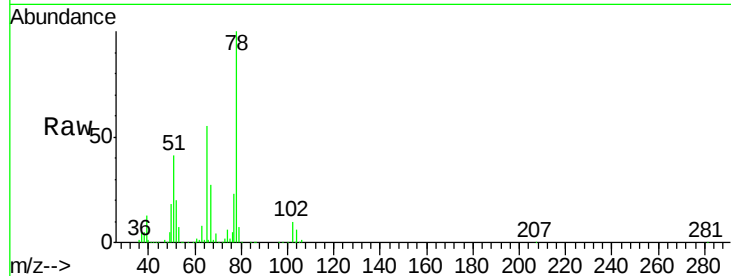
#33
 1,2-Dichloroethane-d4
 Concen: 59.060 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.6

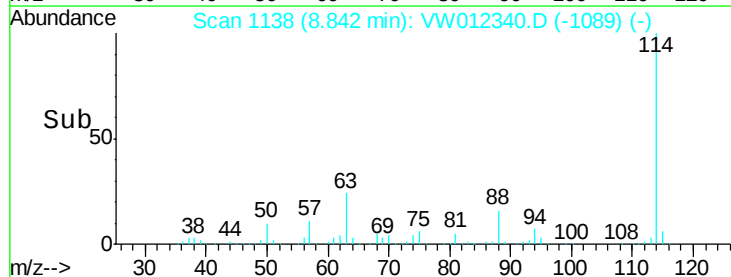
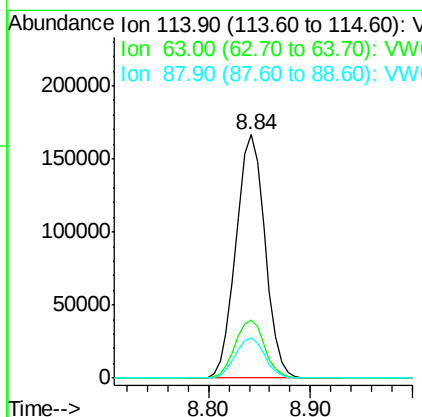
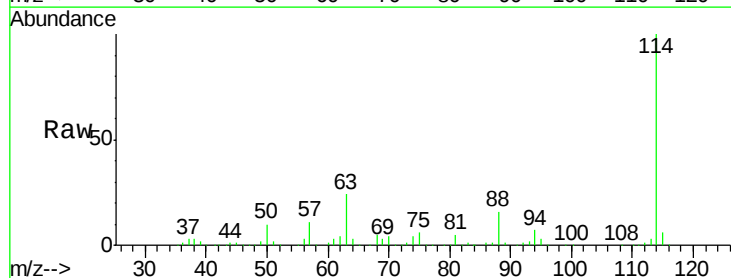
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	48.6
88	16.4	0.0	32.2





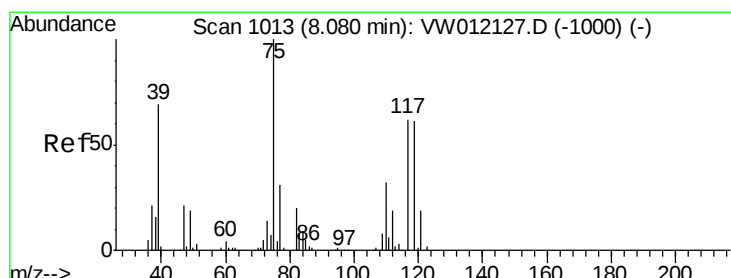
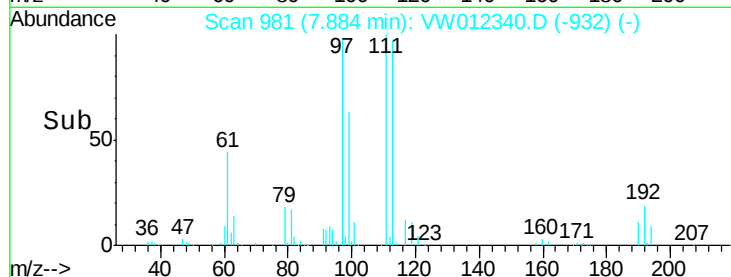
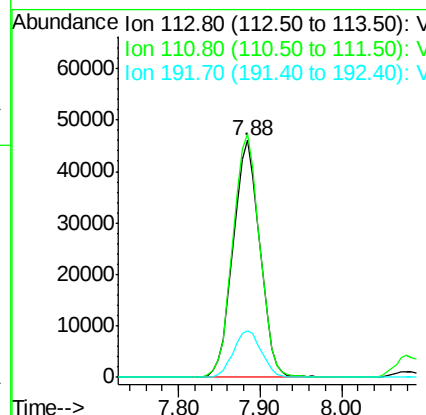
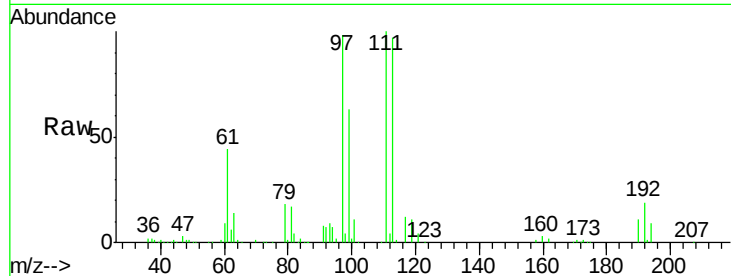
#35
 Dibromofluoromethane
 Concen: 53.117 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	103901		
111	103.3	82.7	124.1	
192	20.7	16.2	24.2	

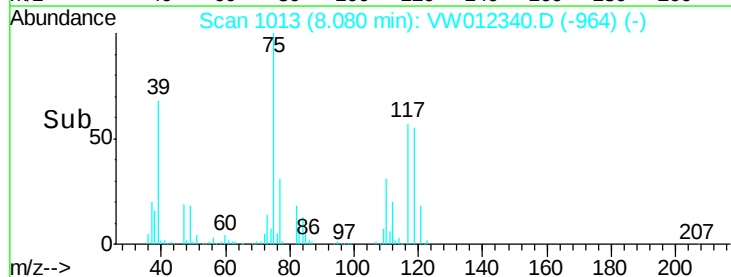
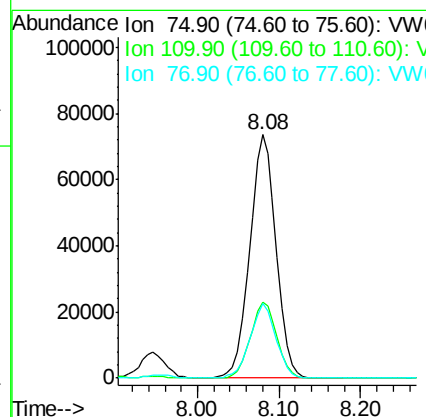
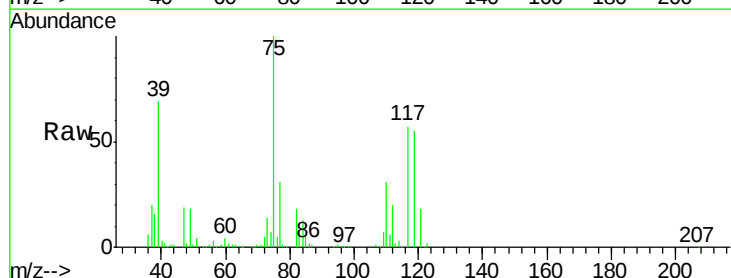
Manual Integrations
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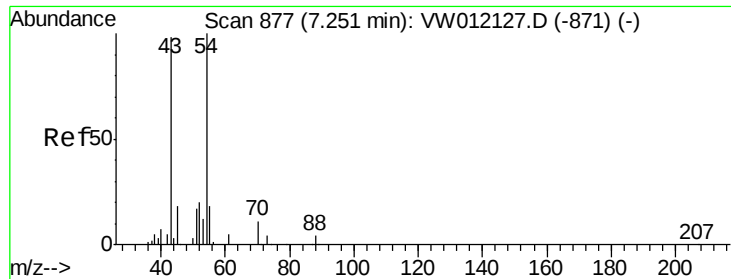
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#36
 1,1-Dichloropropene
 Concen: 48.735 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	165038		
110	31.3	15.6	46.8	
77	30.2	24.6	36.8	





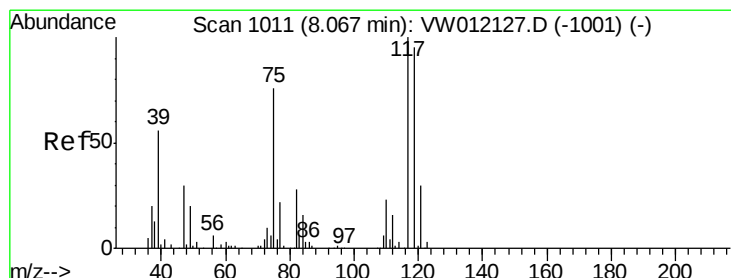
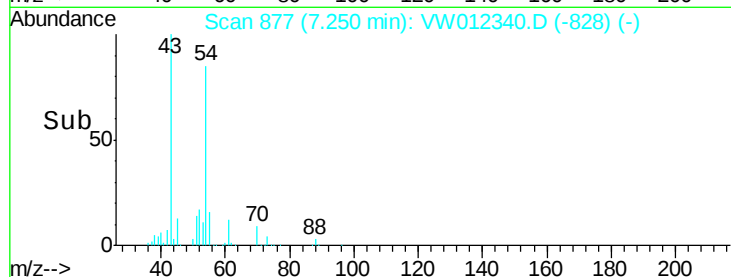
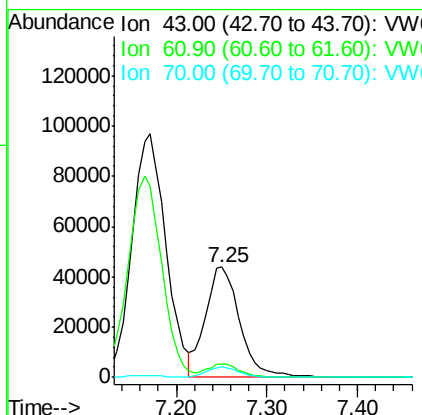
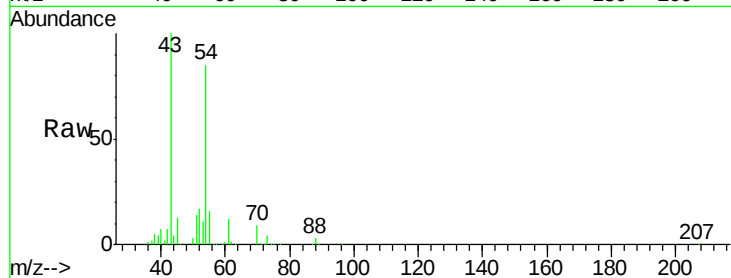
#37
Ethyl Acetate
Concen: 62.012 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.2	13.8
70	8.8	6.9	10.3

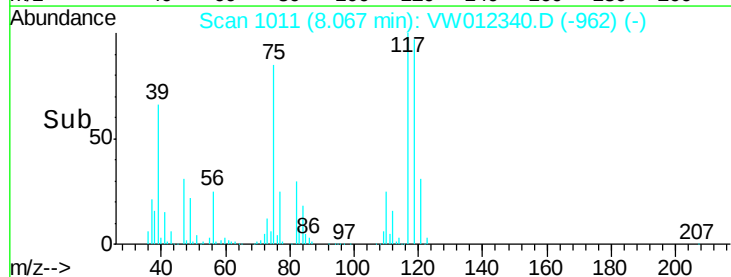
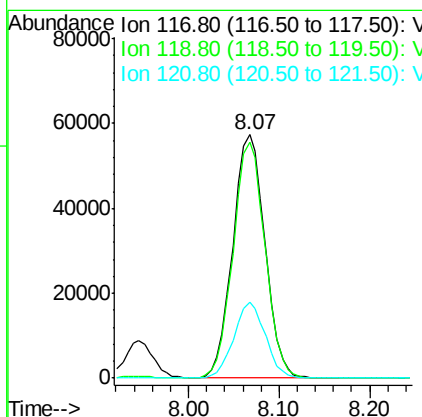
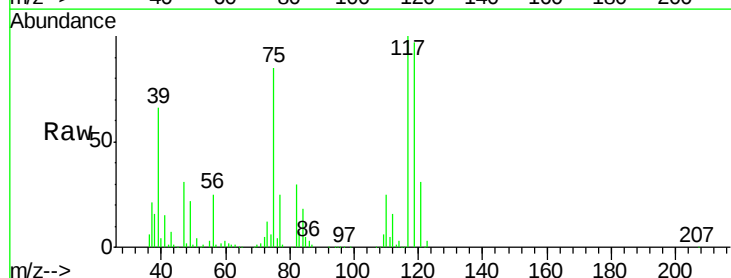
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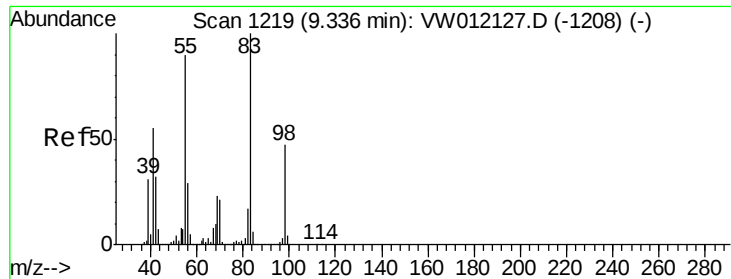
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#38
Carbon Tetrachloride
Concen: 48.218 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.2	114.2
121	31.2	23.8	35.8





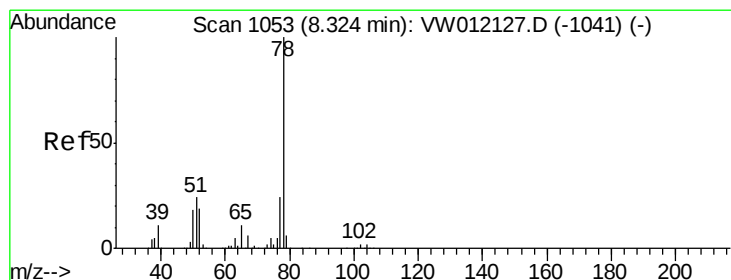
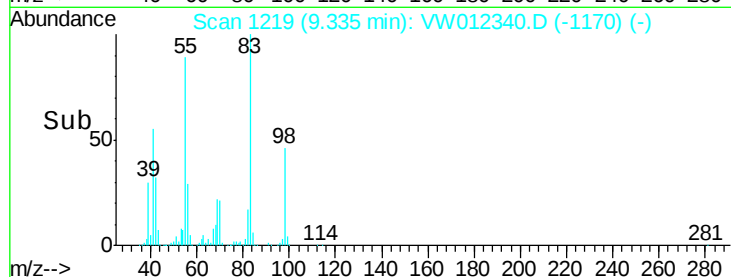
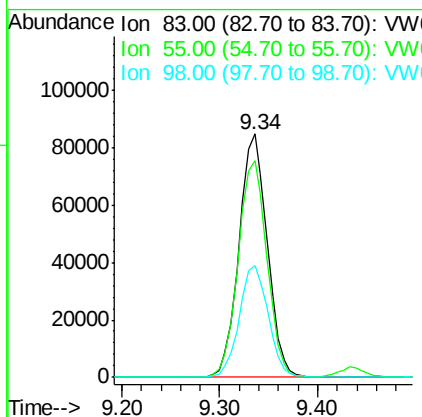
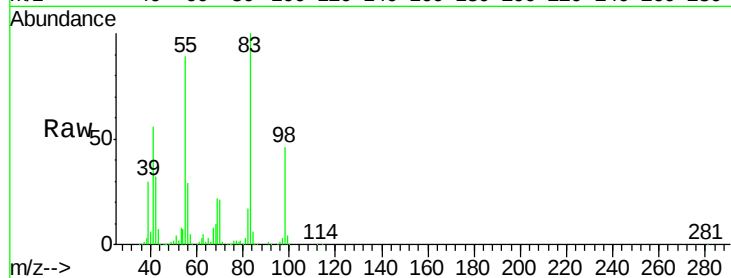
#39
Methvlcvclohexane
Concen: 44.893 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.8	71.8	107.8
98	46.1	37.8	56.8

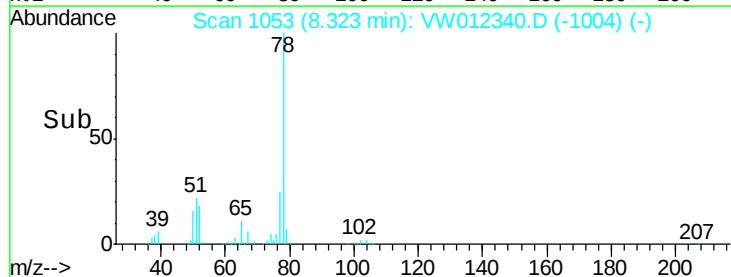
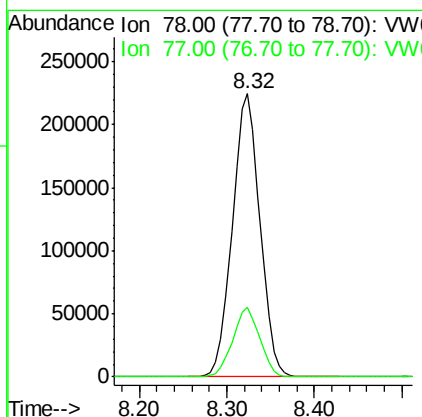
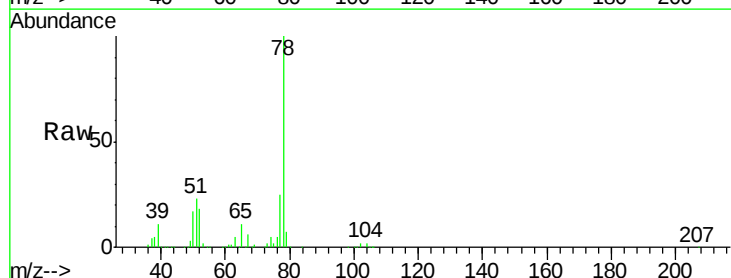
Manual Integrations
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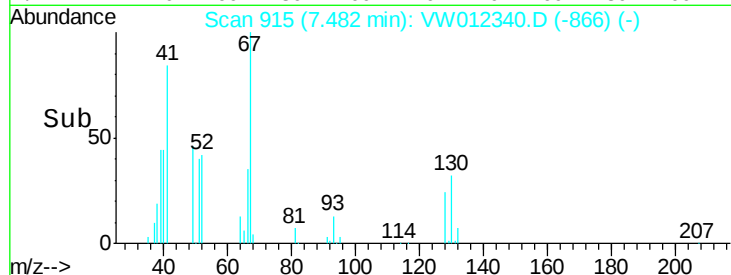
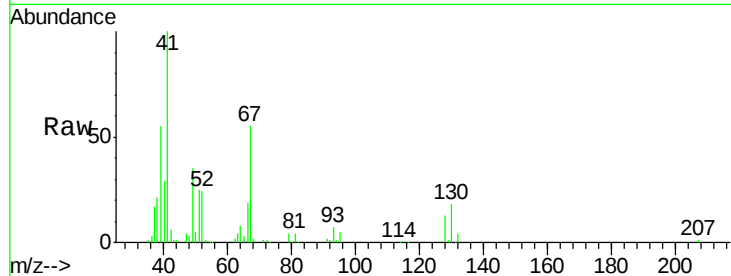
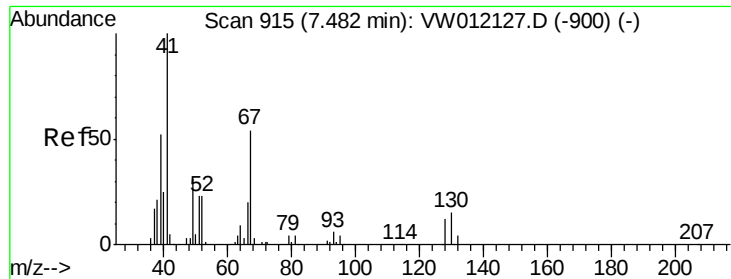
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#40
Benzene
Concen: 53.061 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.5	29.3





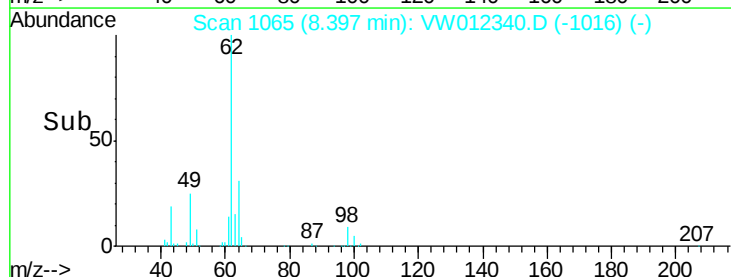
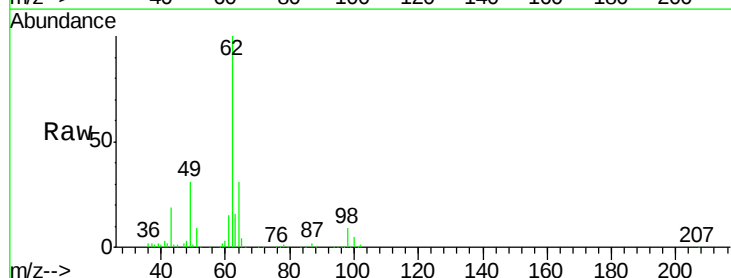
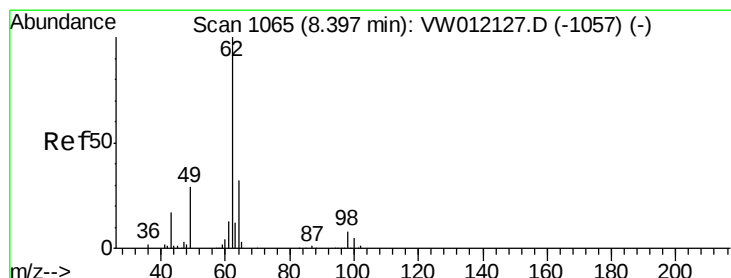
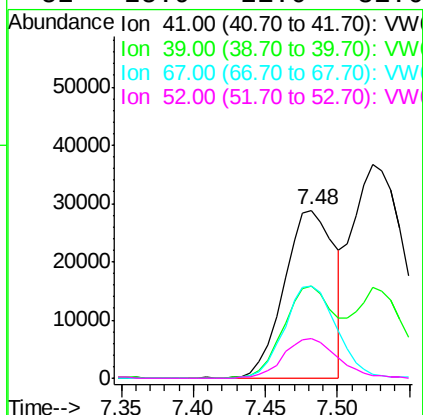
#41
Methacrylonitrile
Concen: 64.024 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tot Ion	41	Resp	69829
Ion	Ratio	Lower	Upper
41	100		
39	59.0	45.8	68.8
67	57.7	46.2	69.4
52	25.9	21.0	31.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

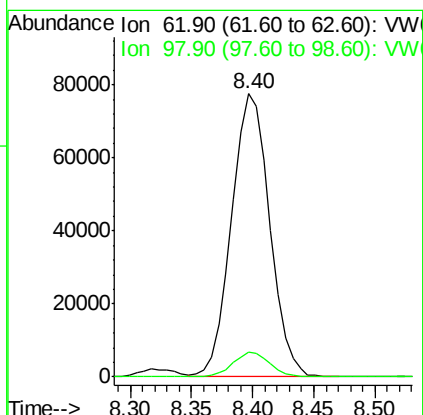
Manual Integrations
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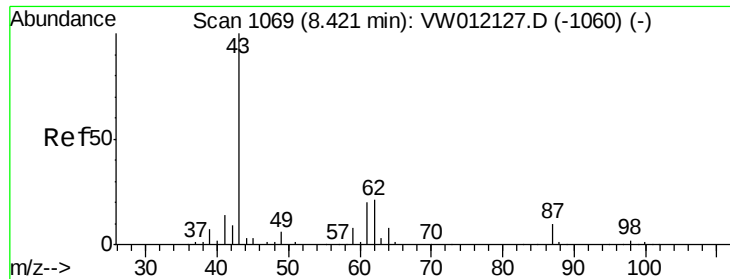
MMDadoda
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#42
1,2-Dichloroethane
Concen: 57.766 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	62	Resp	167409
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 62.103 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

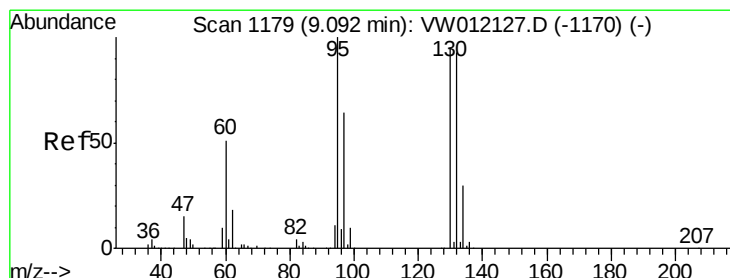
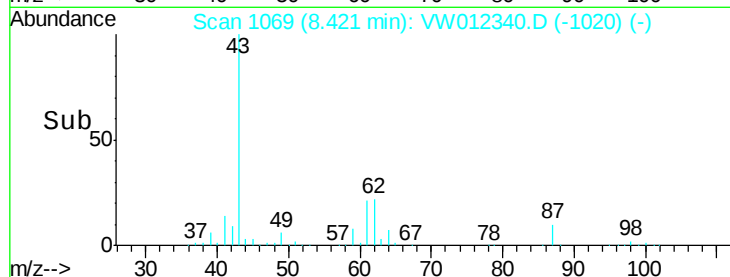
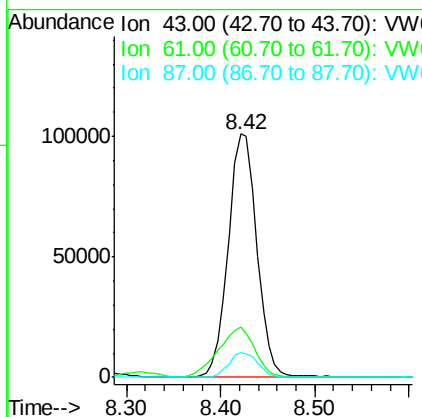
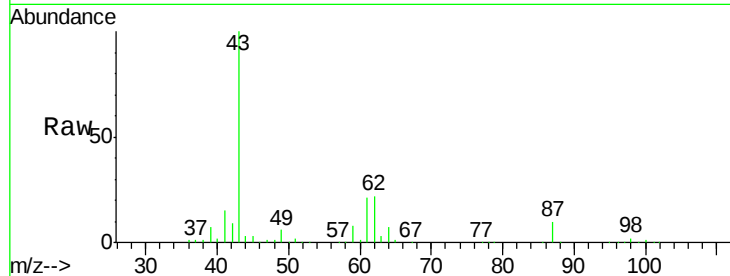
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	213473
Ion	Ratio	Lower	Upper
43	100		
61	26.0	21.1	31.7
87	10.4	8.2	12.2

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#44

Trichloroethene

Concen: 52.065 ug/l

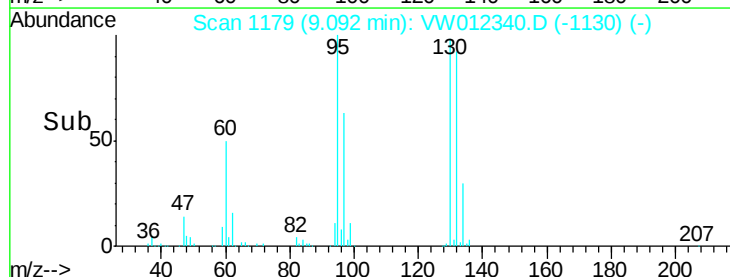
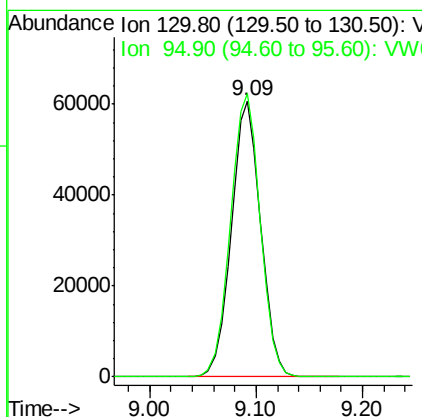
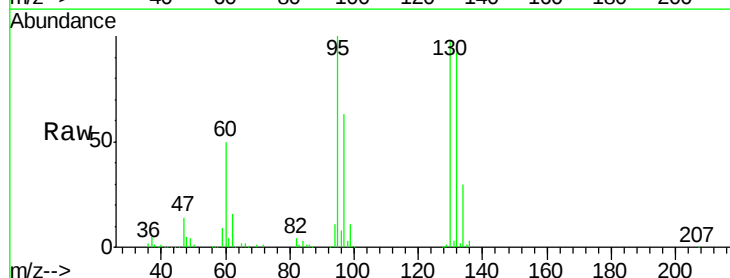
RT: 9.09 min Scan# 1179

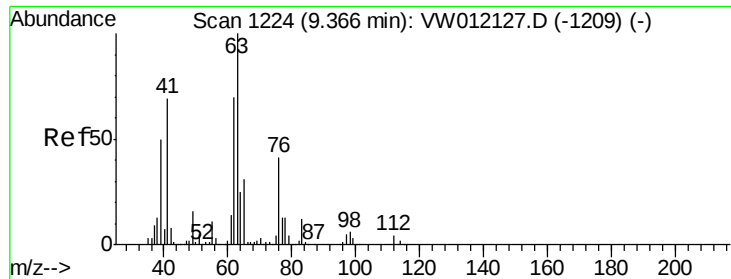
Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Tgt Ion:	130	Resp:	117037
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	210.6





#45

1,2-Dichloropropane

Concen: 55.346 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 137737

Ion Ratio Lower Upper

63 100

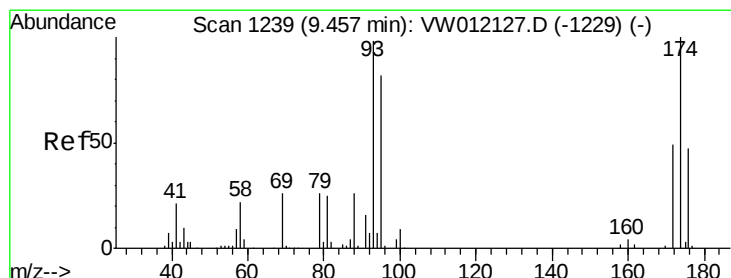
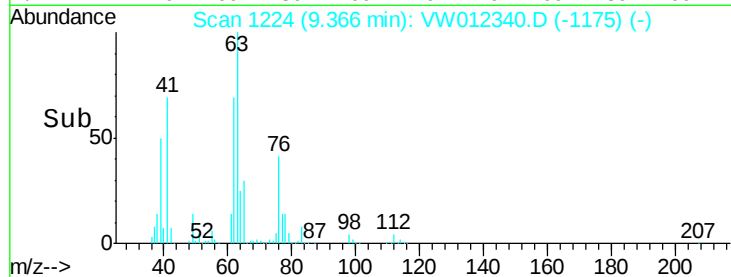
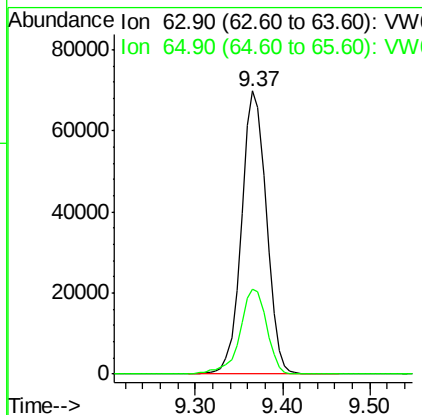
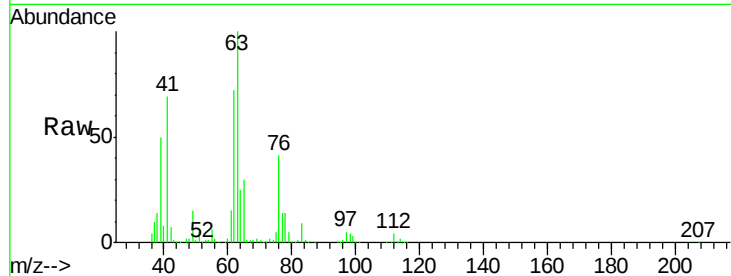
65 30.2 25.0 37.4

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#46

Dibromomethane

Concen: 58.503 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

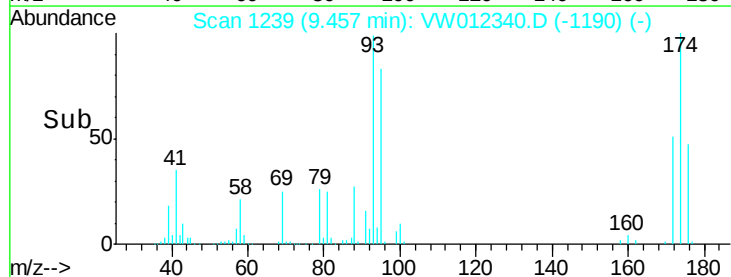
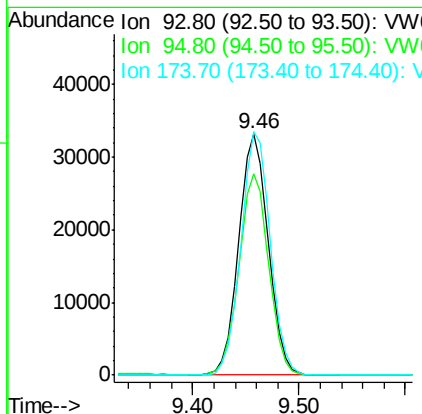
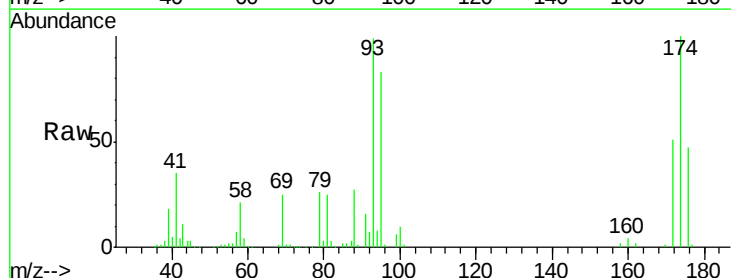
Tgt Ion: 93 Resp: 64778

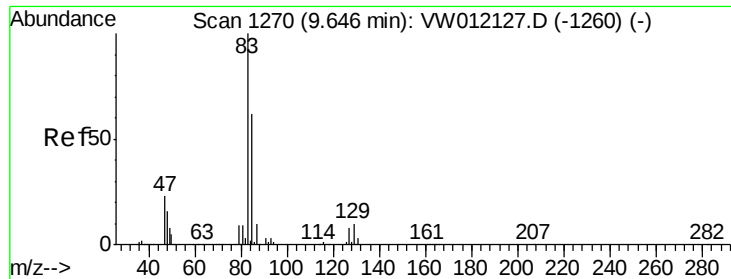
Ion Ratio Lower Upper

93 100

95 83.5 67.2 100.8

174 100.3 79.0 118.6





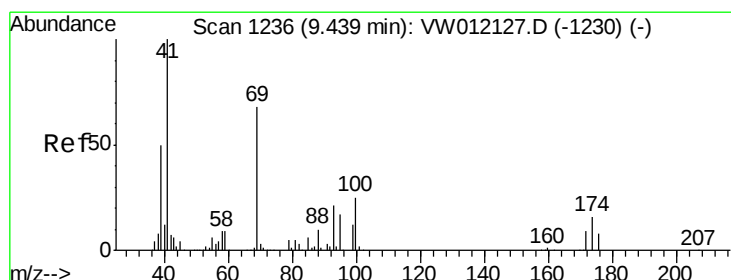
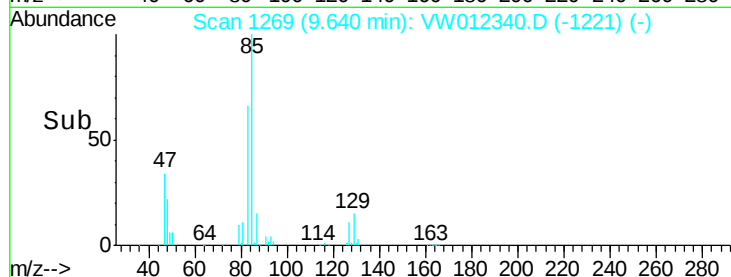
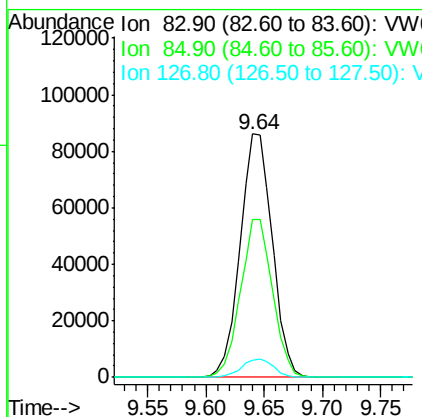
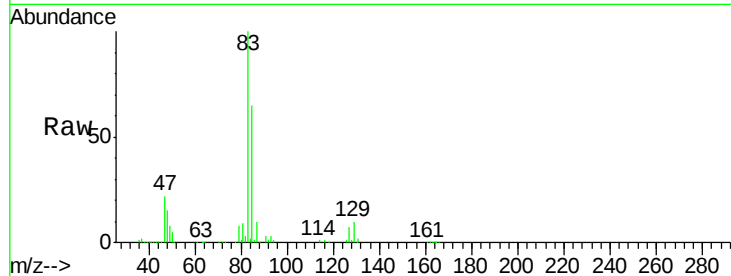
#47
Bromodichloromethane
Concen: 56.353 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	166067		
85	64.7		49.4	74.2
127	7.2		6.1	9.1

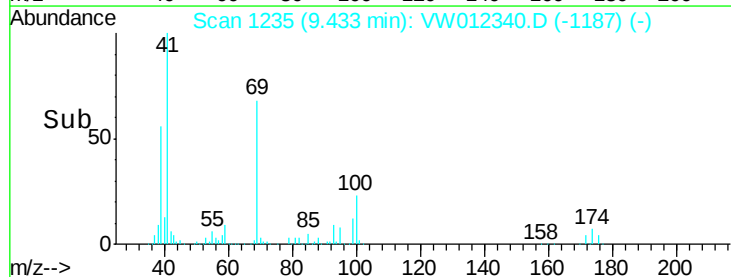
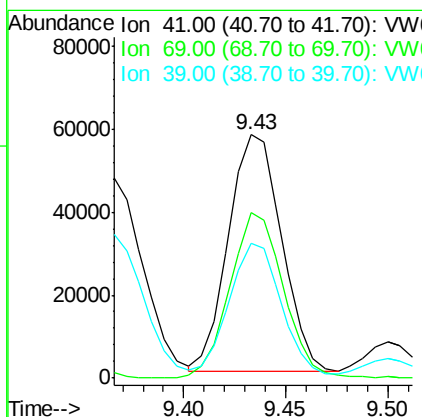
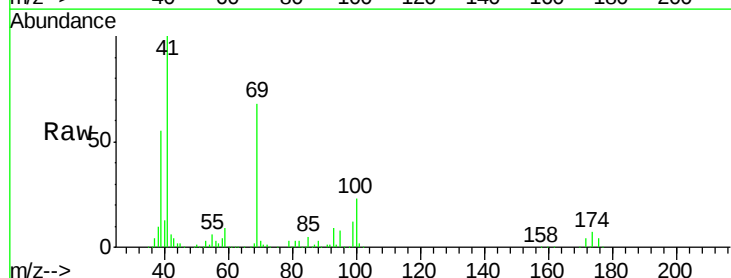
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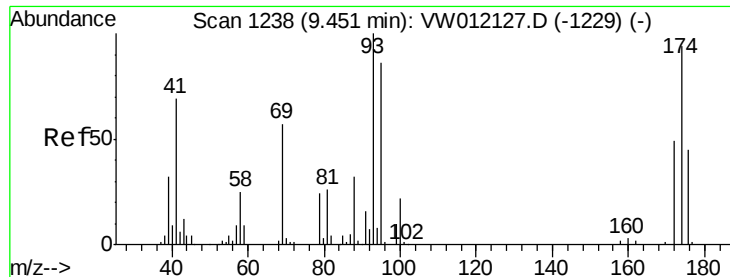
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#48
Methyl methacrylate
Concen: 63.308 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	103573		
69	70.5		56.7	85.1
39	56.8		42.0	63.0





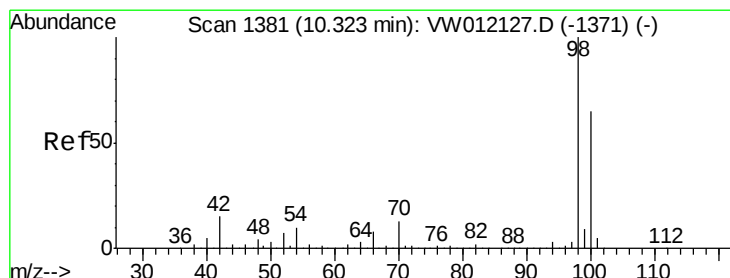
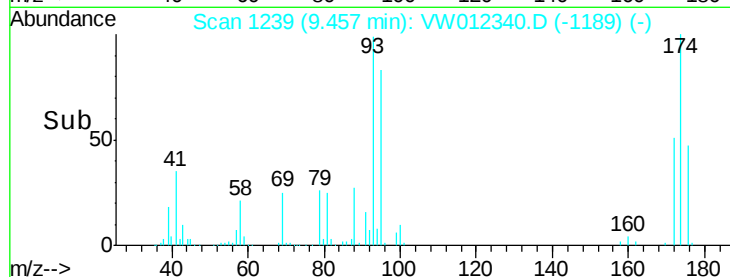
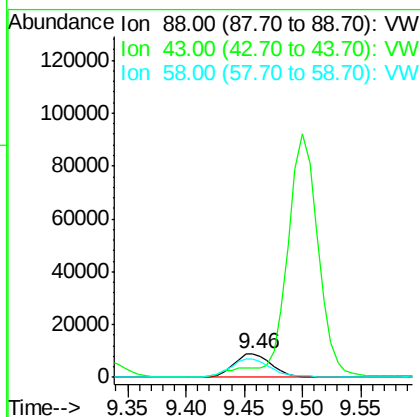
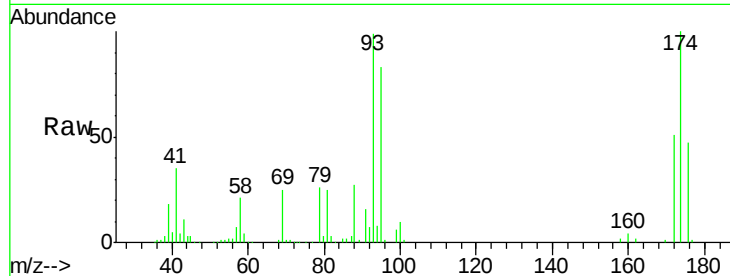
#49
1,4-Dioxane
Concen: 1189.489 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	20163
Ion Ratio	Lower	Upper	
88	100		
43	0.0	32.9	49.3#
58	86.8	71.0	106.4

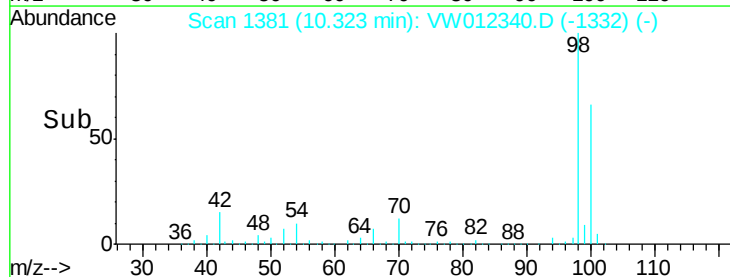
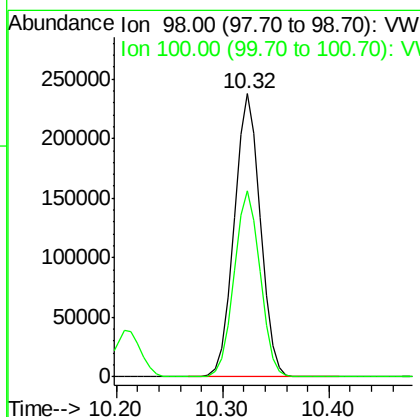
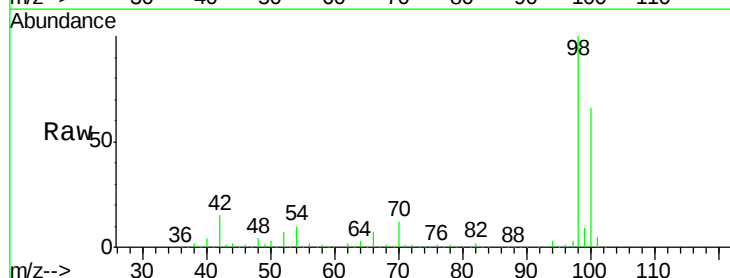
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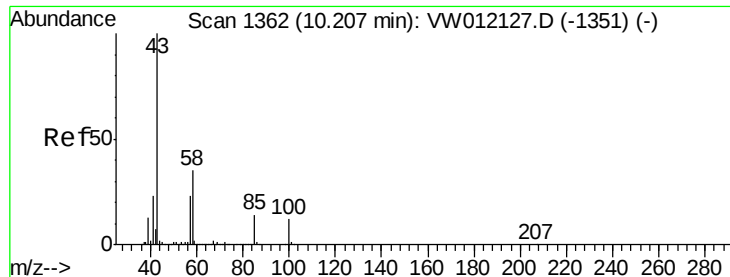
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#50
Toluene-d8
Concen: 51.587 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	98	Resp	409151
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 322.663 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 564132

Ion Ratio Lower Upper

43 100

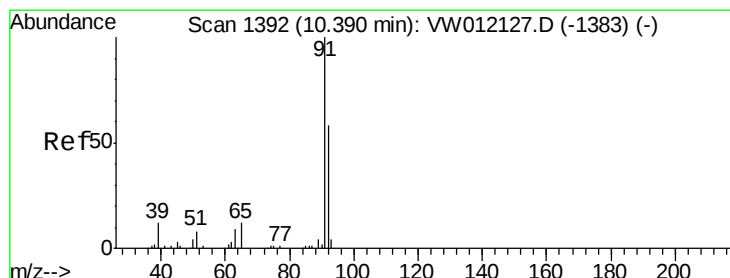
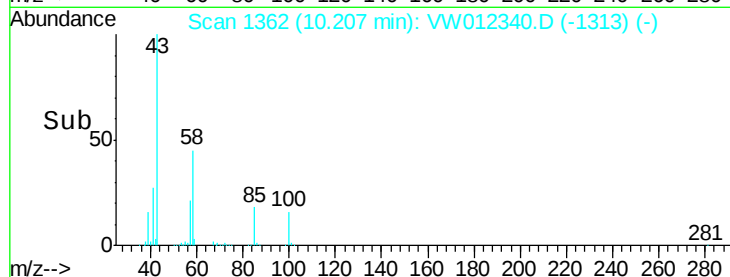
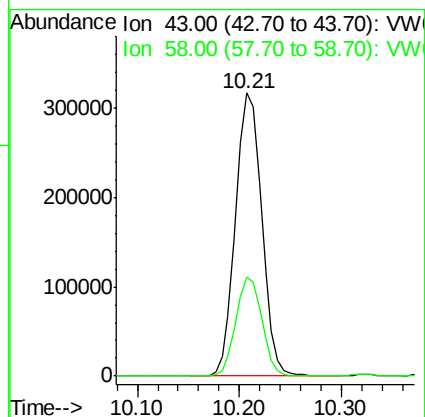
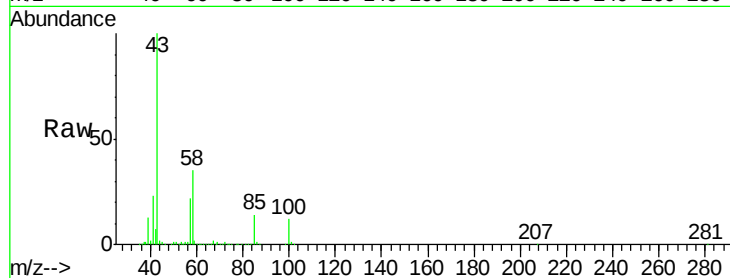
58 34.8 28.2 42.2

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#52

Toluene

Concen: 53.905 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012340.D

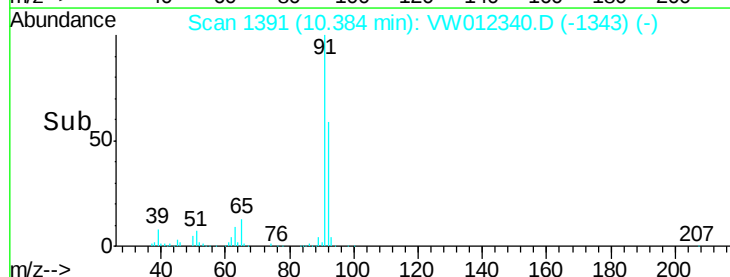
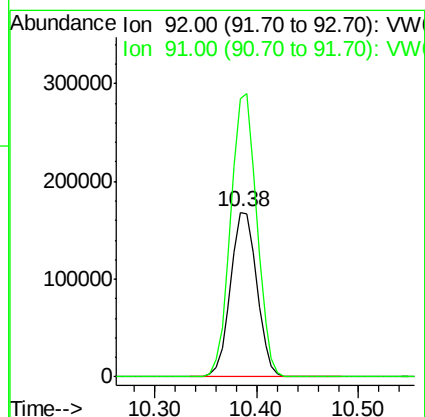
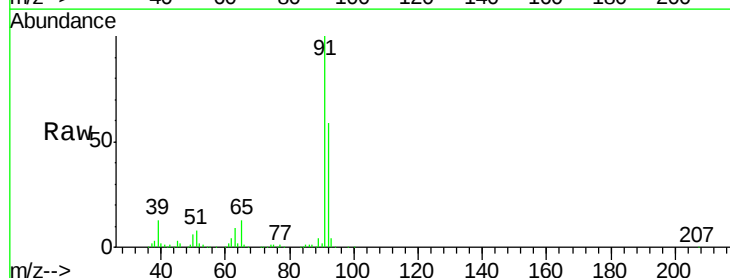
Acq: 30 Aug 2019 08:24

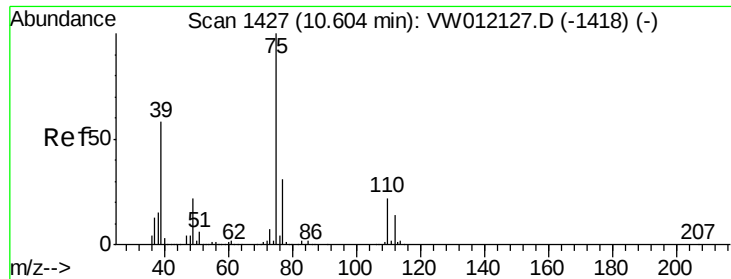
Tgt Ion: 92 Resp: 299448

Ion Ratio Lower Upper

92 100

91 170.9 136.6 204.8





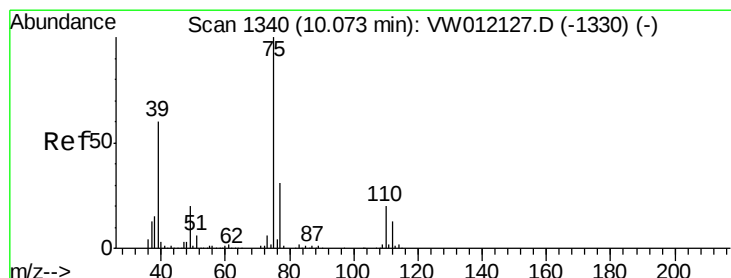
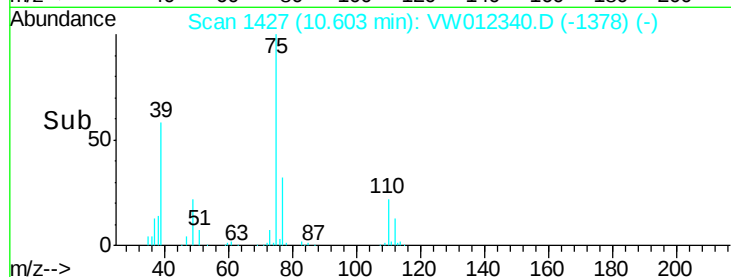
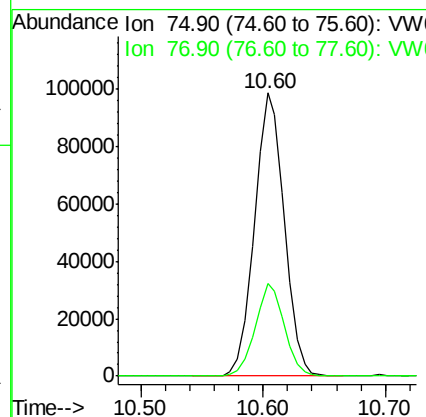
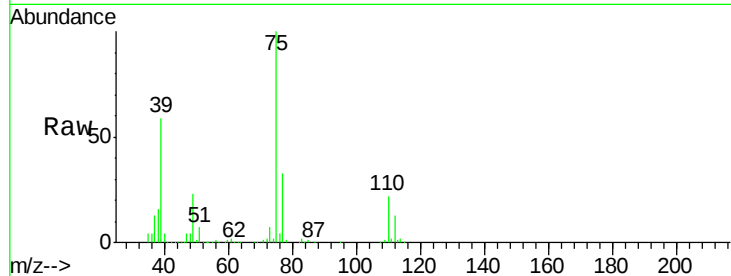
#53
 t-1,3-Dichloropropene
 Concen: 55.604 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.4

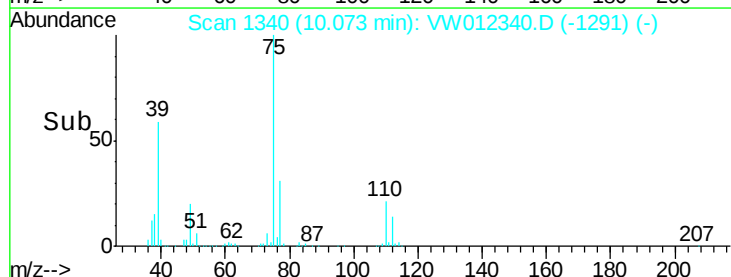
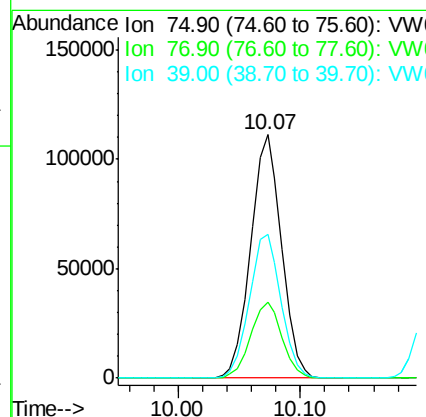
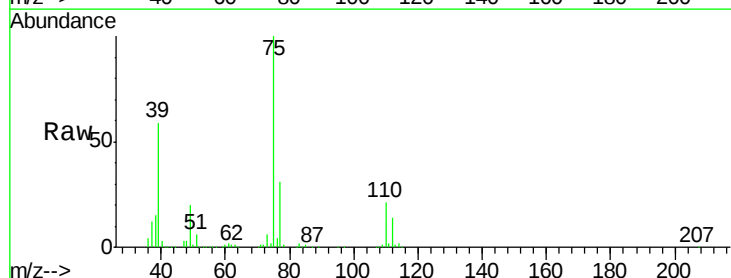
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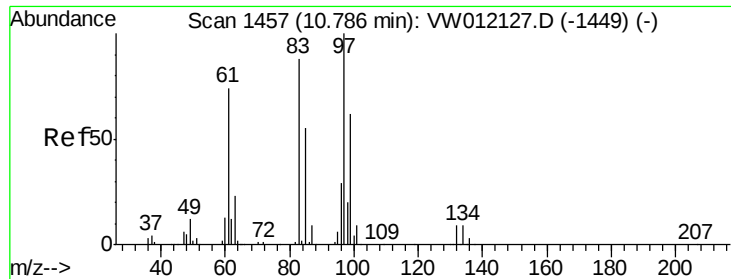
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#54
 cis-1,3-Dichloropropene
 Concen: 53.828 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
39	59.2	48.3	72.5





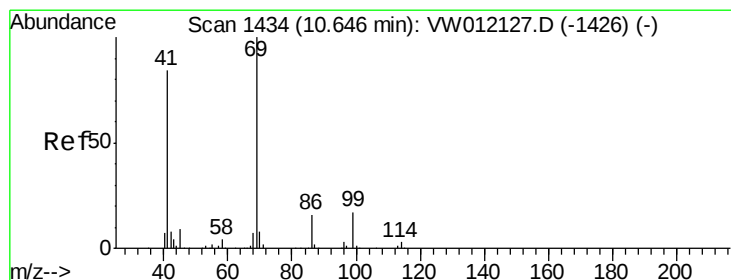
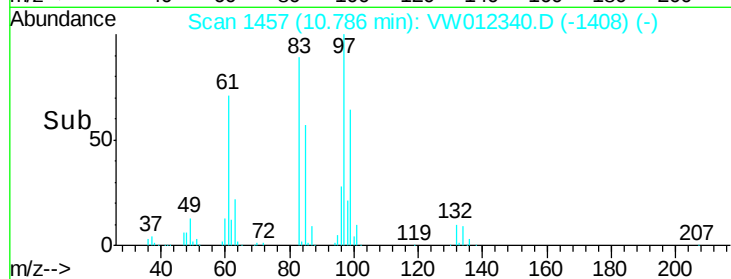
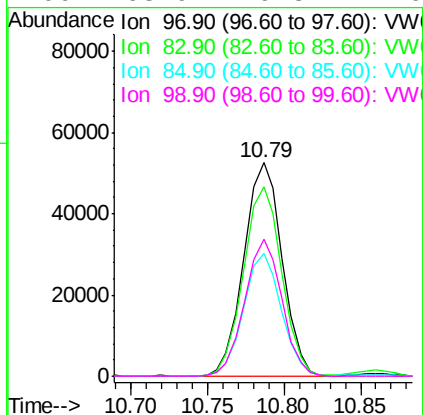
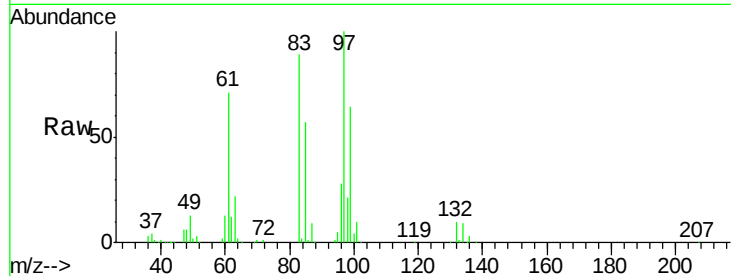
#55
 1,1,2-Trichloroethane
 Concen: 58.549 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	91725
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.8	106.2
85	57.3	43.8	65.8
99	63.9	49.8	74.6

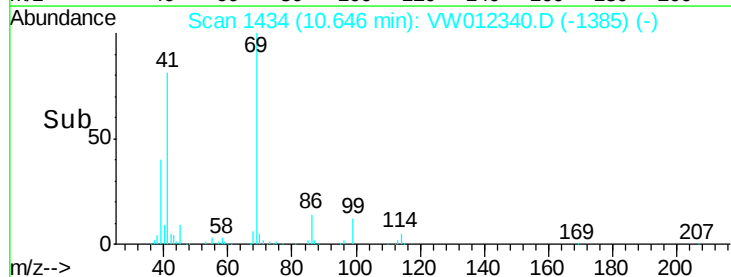
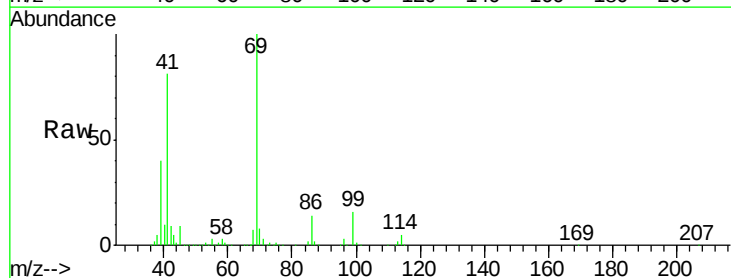
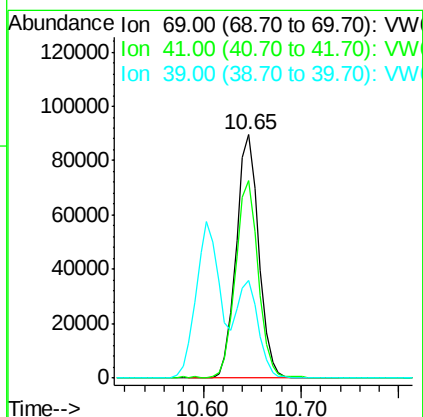
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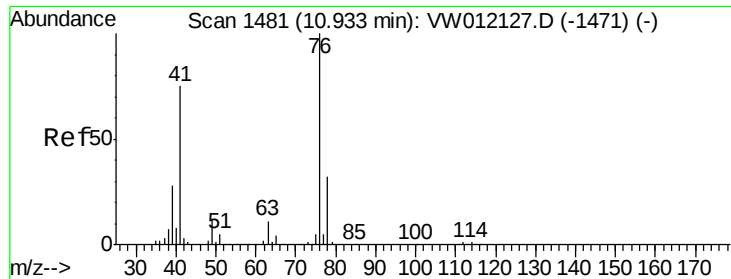
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#56
 Ethyl methacrylate
 Concen: 62.931 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Tgt Ion:	69	Resp:	143490
Ion	Ratio	Lower	Upper
69	100		
41	82.2	66.5	99.7
39	37.3	31.0	46.4





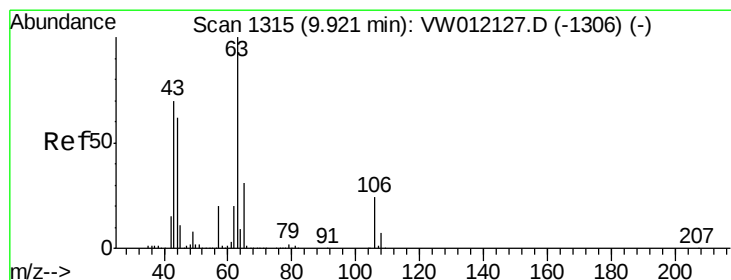
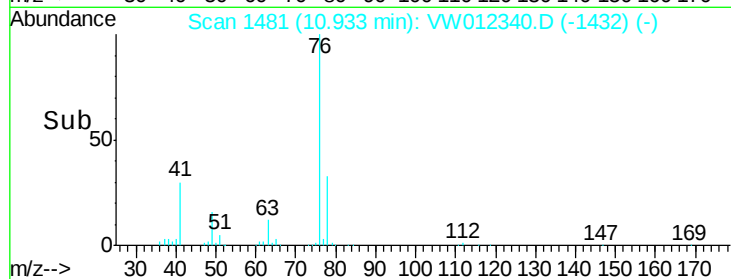
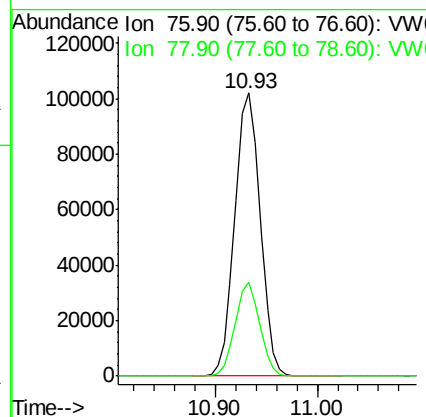
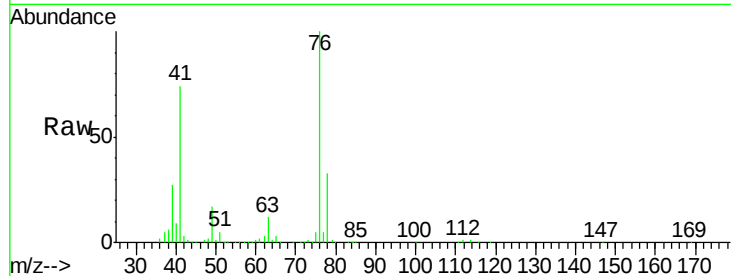
#57
 1,3-Dichloropropane
 Concen: 59.421 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 175919
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8

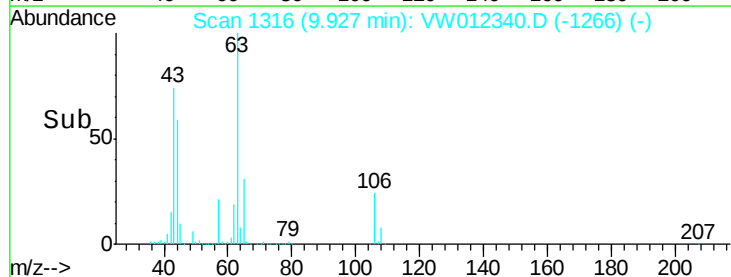
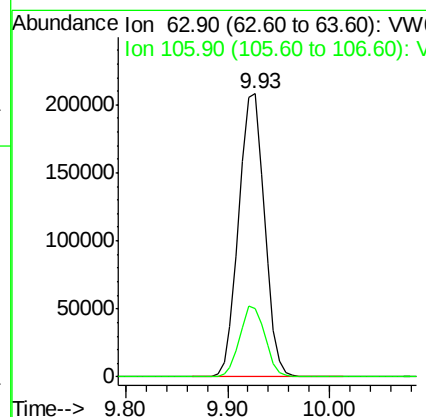
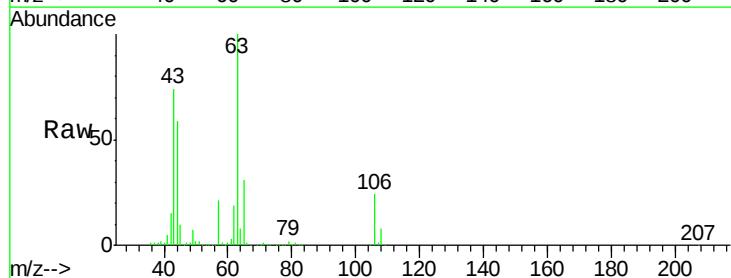
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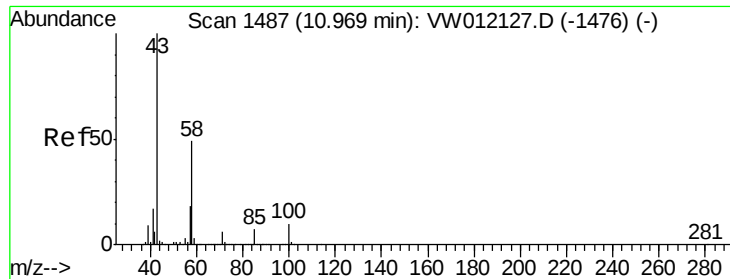
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#58
 2-Chloroethyl Vinyl ether
 Concen: 311.147 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Tgt Ion: 63 Resp: 364104
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.8 29.8





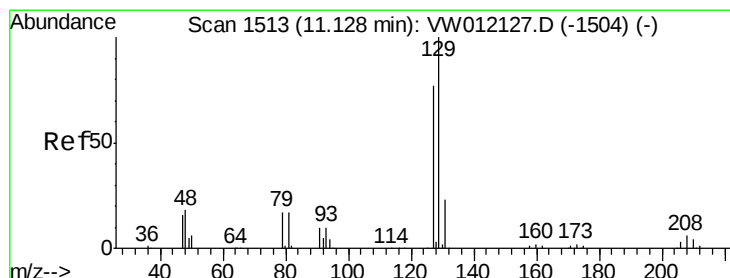
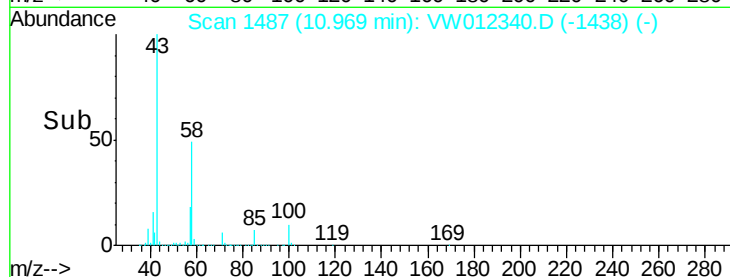
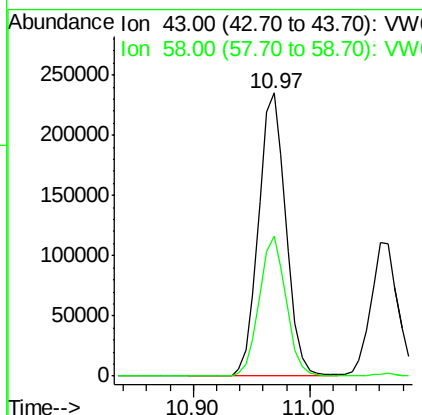
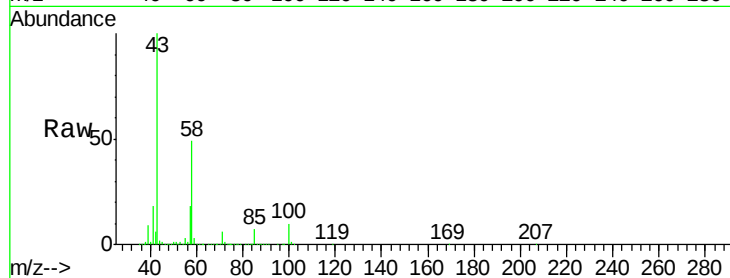
#59
2-Hexanone
Concen: 310.683 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 384339
Ion Ratio Lower Upper
43 100
58 48.7 24.3 72.9

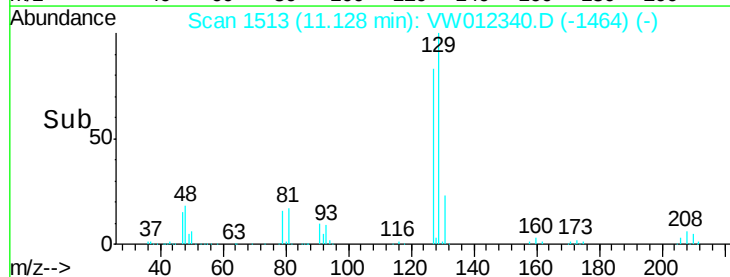
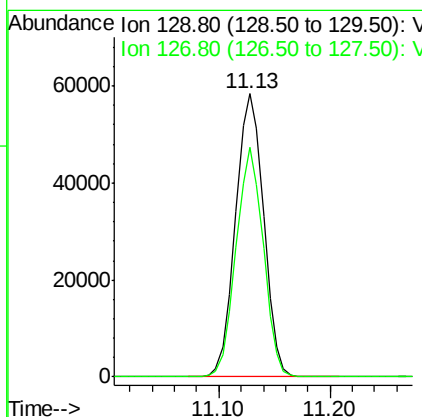
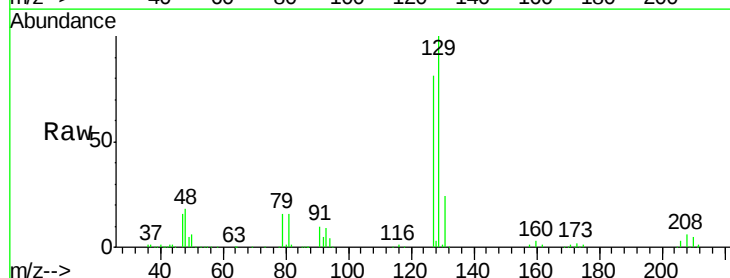
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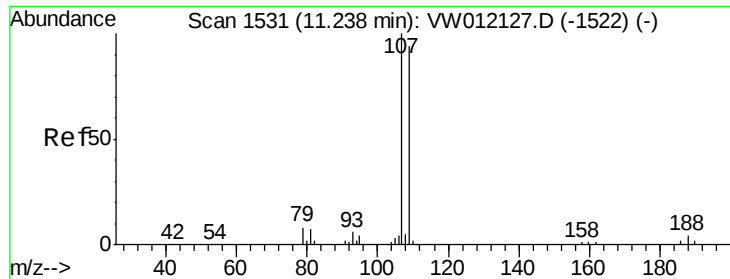
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#60
Dibromochloromethane
Concen: 58.612 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion: 129 Resp: 102276
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





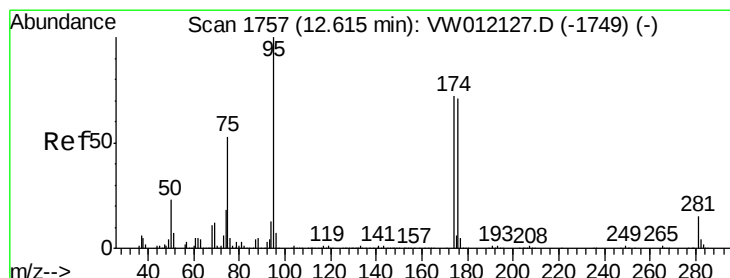
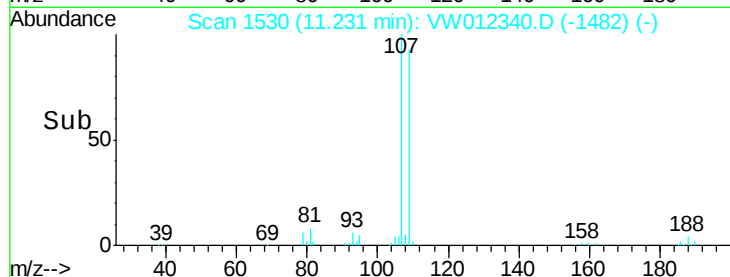
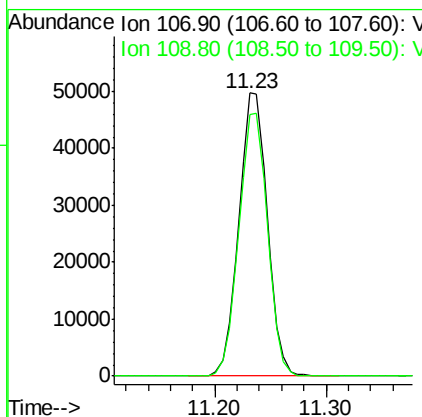
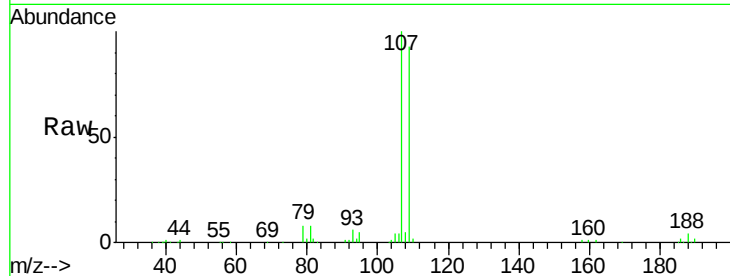
#61
 1,2-Dibromoethane
 Concen: 60.498 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.4	113.2

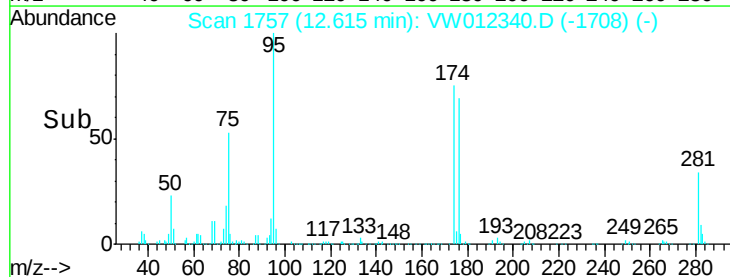
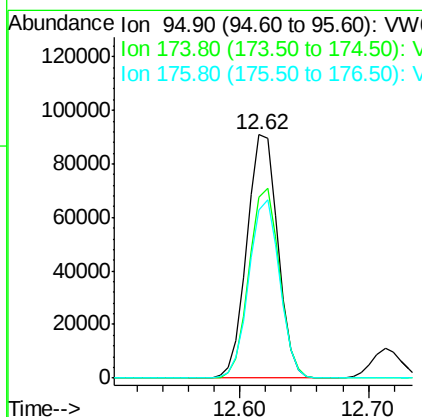
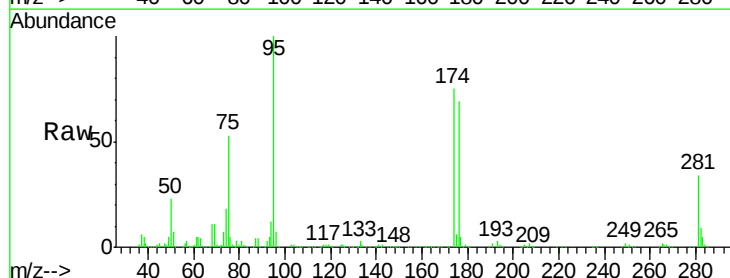
Manual Integrations
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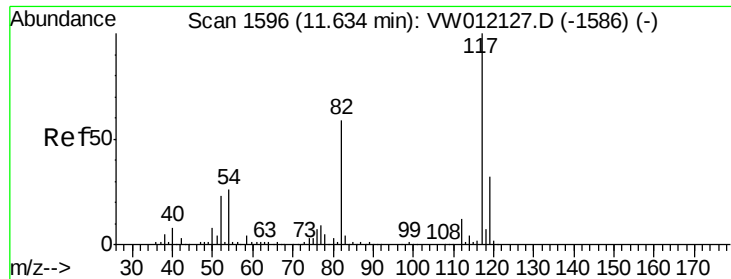
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#62
 4-Bromofluorobenzene
 Concen: 53.732 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	150.8
176	72.6	0.0	148.6





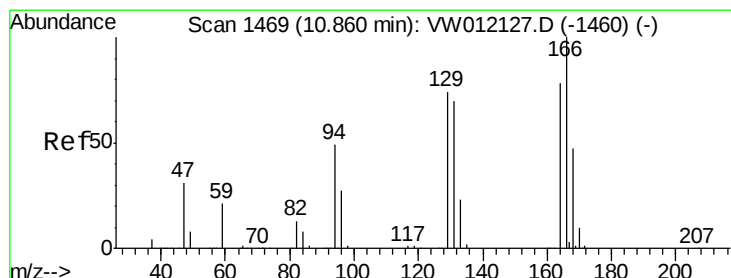
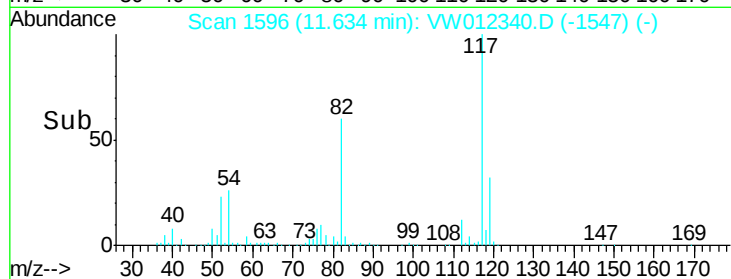
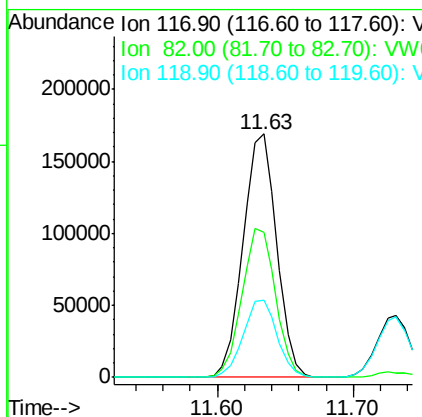
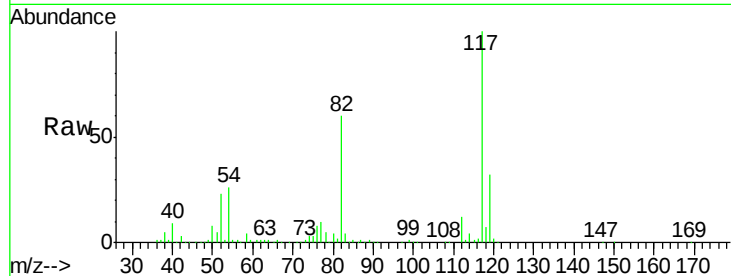
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	291546		
82	59.8		47.4	71.2
119	31.4		25.4	38.2

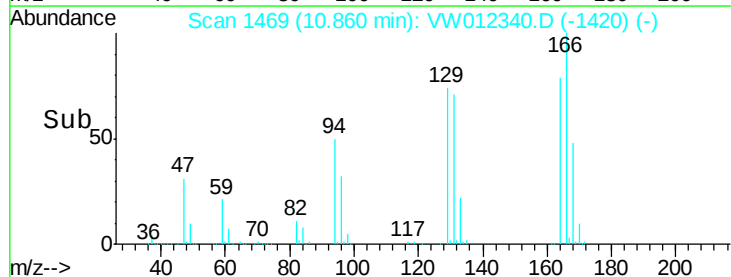
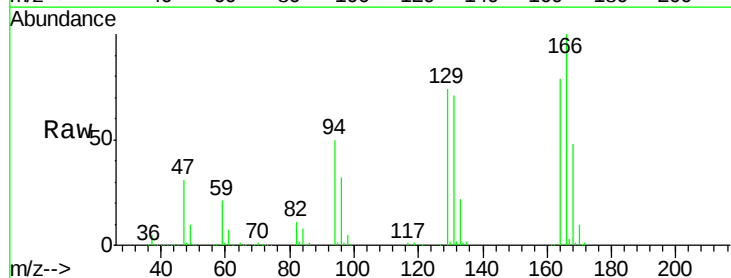
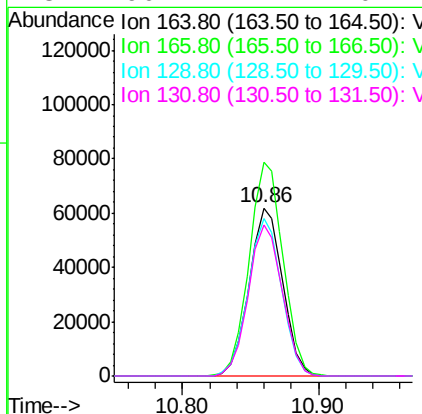
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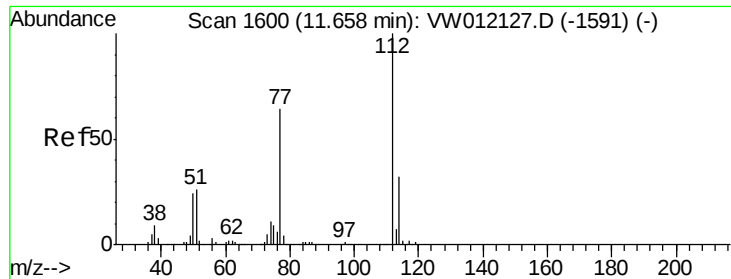
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#64
Tetrachloroethene
Concen: 56.639 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107057		
166	127.3		102.4	153.6
129	94.0		75.8	113.6
131	90.2		71.4	107.2





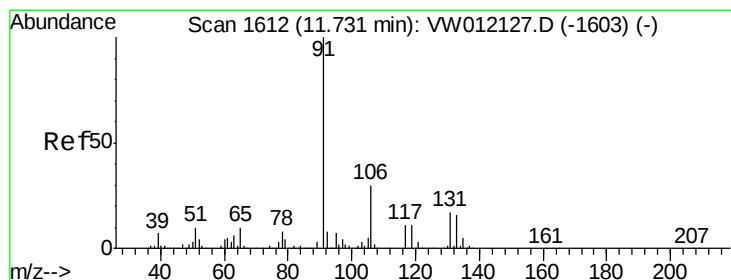
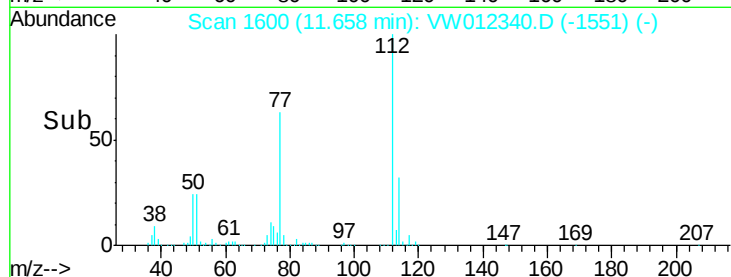
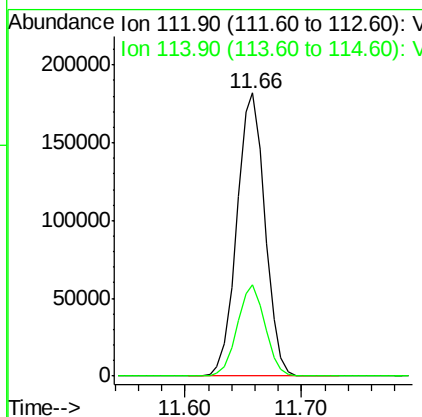
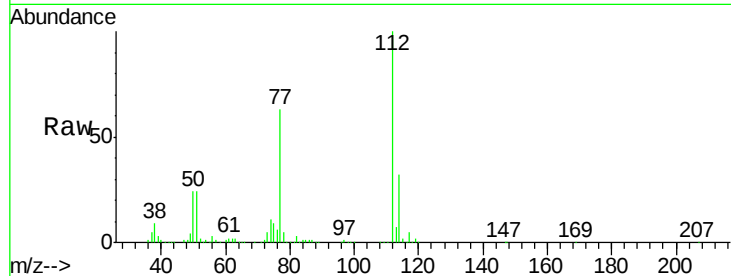
#65
Chlorobenzene
Concen: 53.376 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.8	38.6

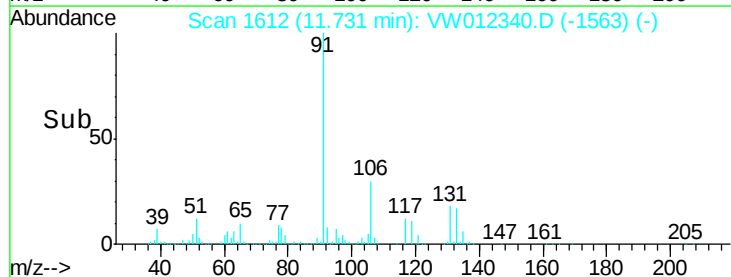
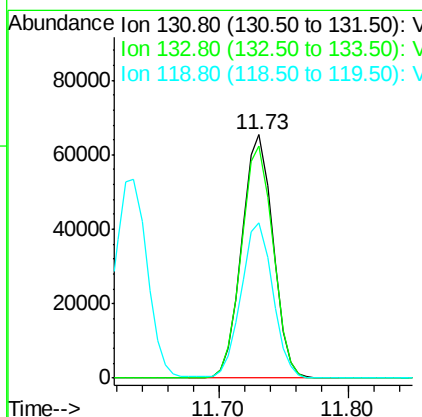
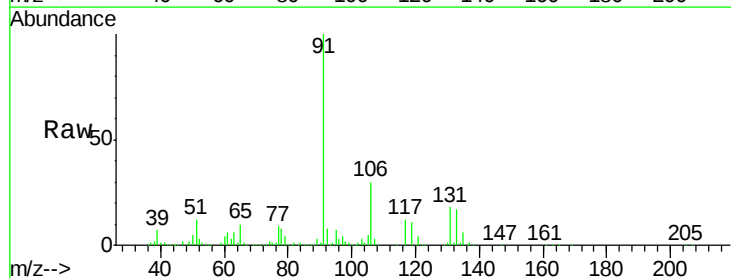
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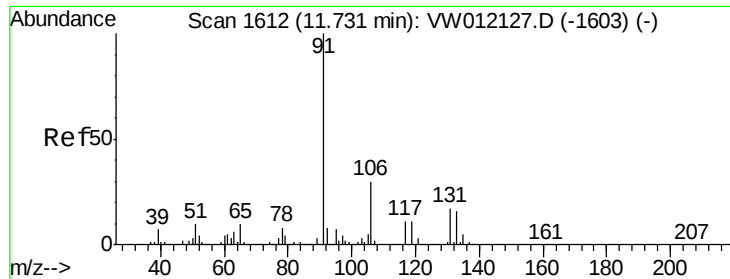
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.772 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.1	141.3
119	64.4	31.8	95.3





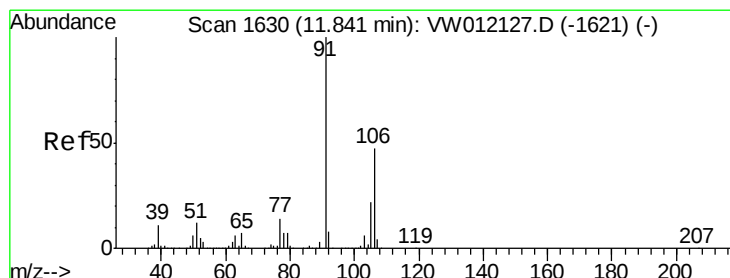
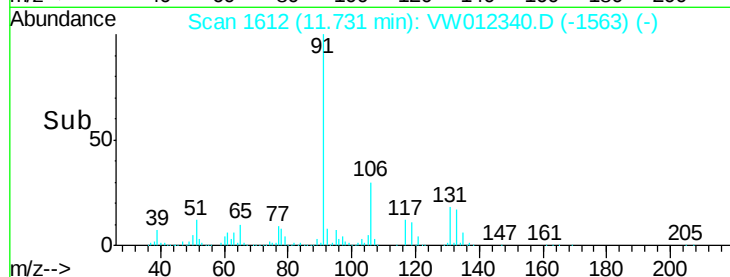
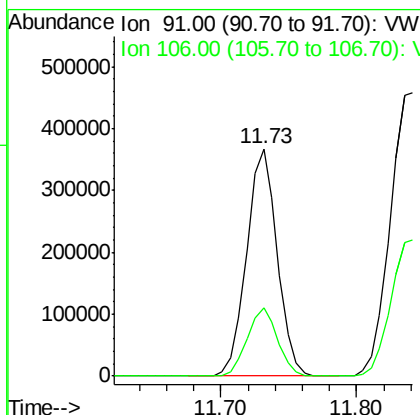
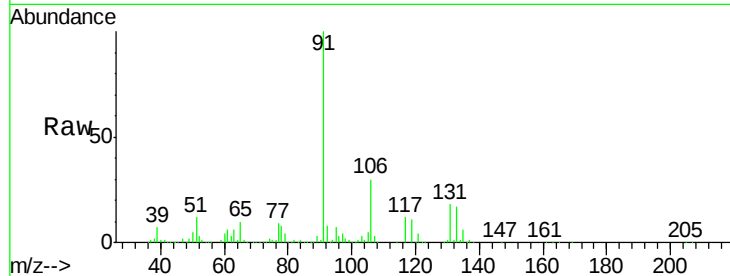
#67
Ethyl Benzene
Concen: 52.126 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

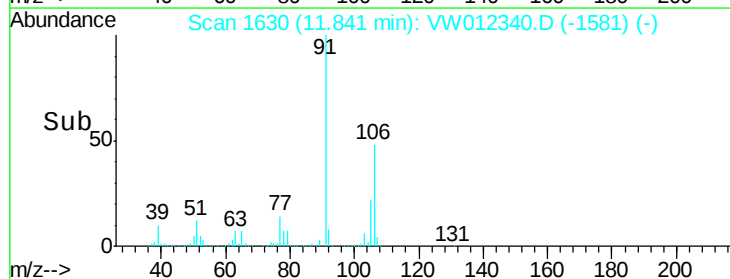
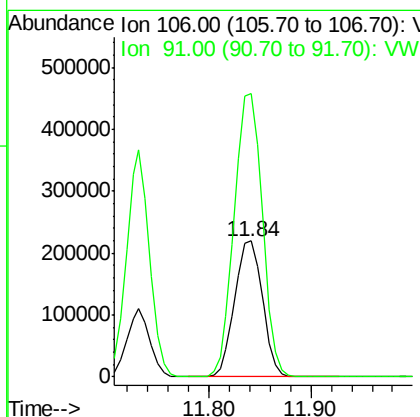
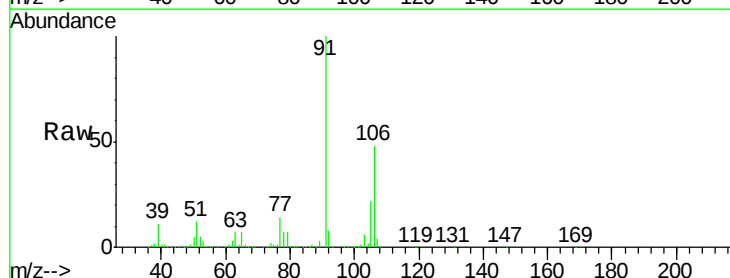
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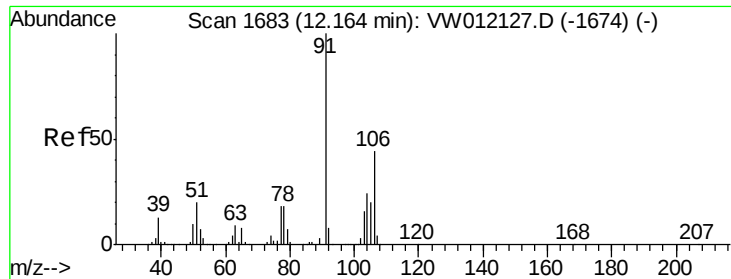
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#68
m/p-Xylenes
Concen: 103.904 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.4	169.5	254.3





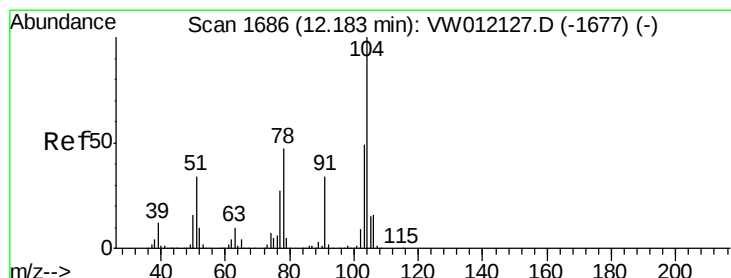
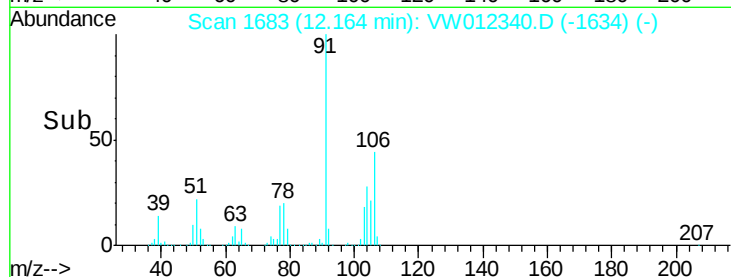
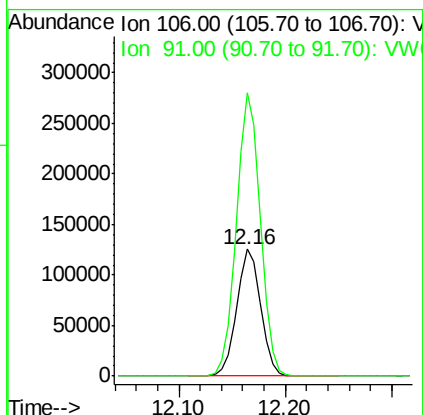
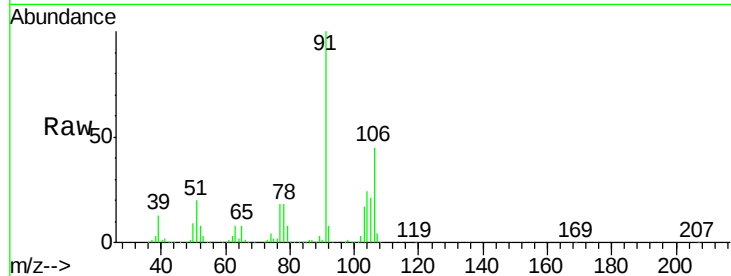
#69
o-Xylene
Concen: 53.810 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 198389
Ion Ratio Lower Upper
106 100
91 222.9 111.6 334.6

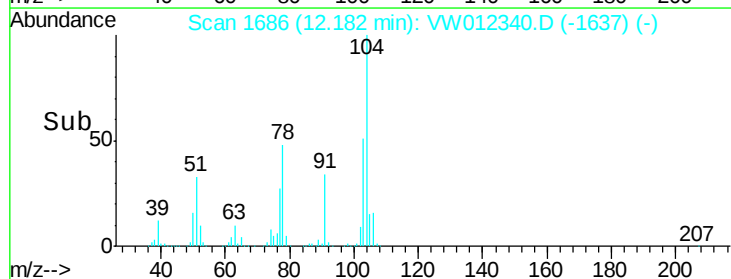
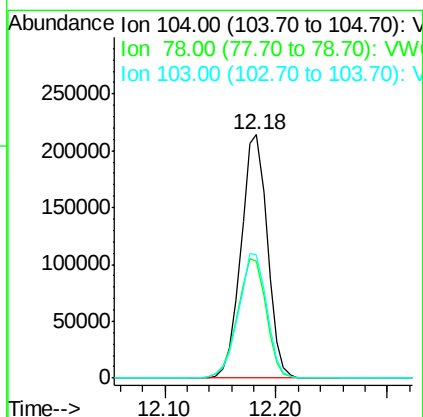
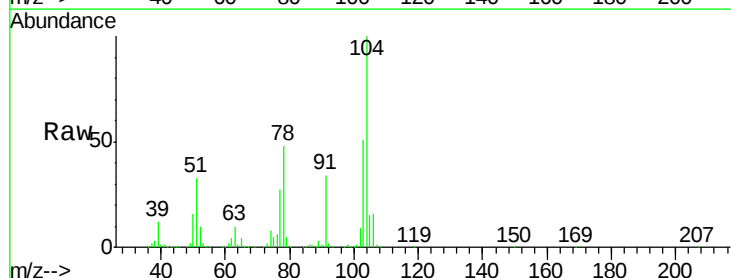
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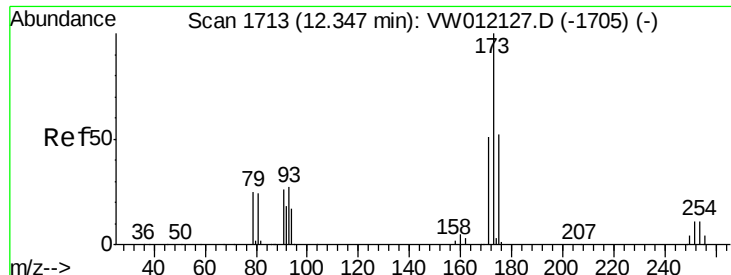
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#70
Styrene
Concen: 55.064 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion:104 Resp: 351389
Ion Ratio Lower Upper
104 100
78 53.5 43.1 64.7
103 54.8 43.5 65.3





#71

Bromoform

Concen: 59.083 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 58954

Ion Ratio Lower Upper

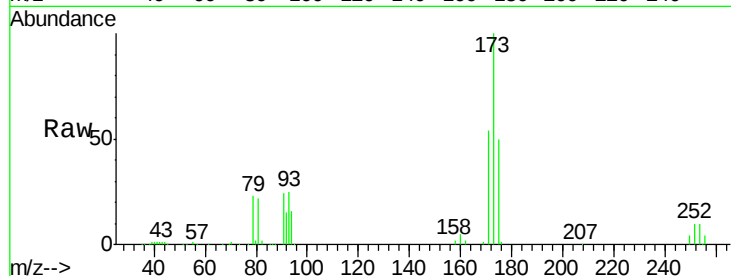
173 100

175 49.2 24.6 74.0

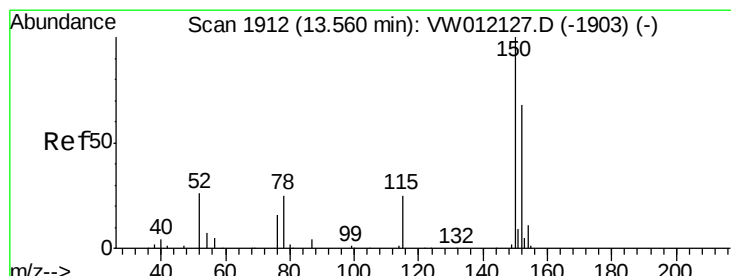
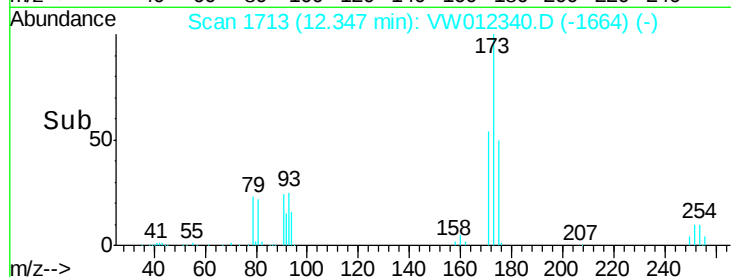
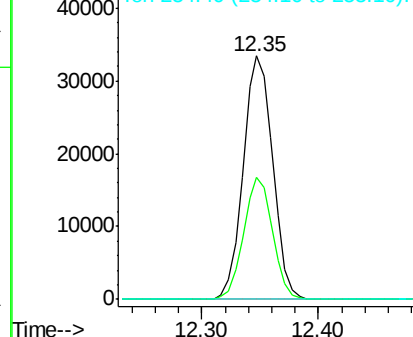
254 0.2 0.2 0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

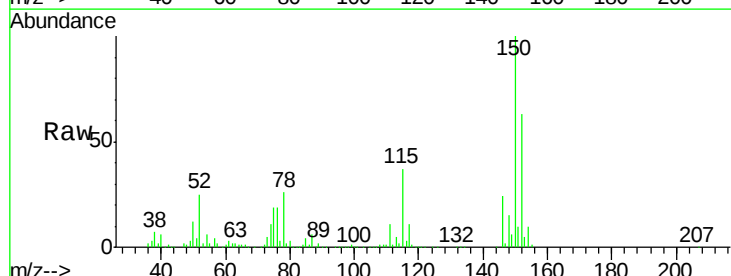
Tgt Ion:152 Resp: 140868

Ion Ratio Lower Upper

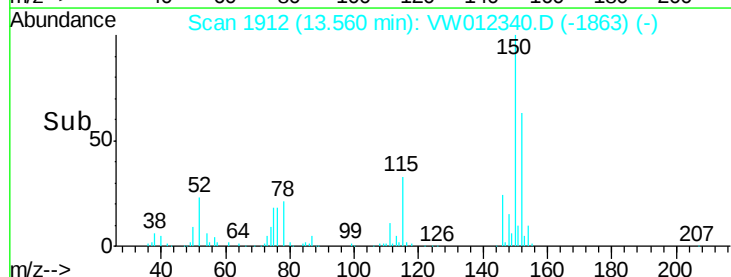
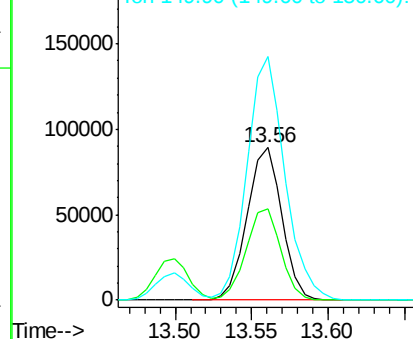
152 100

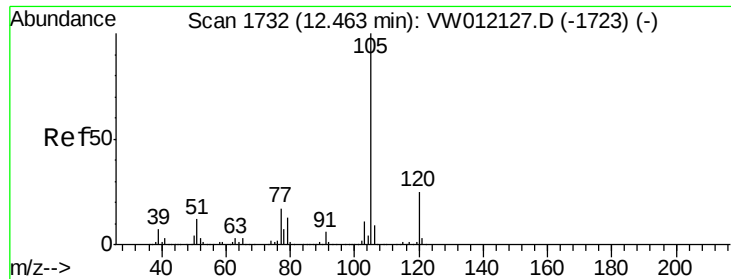
115 60.0 30.1 90.3

150 173.4 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





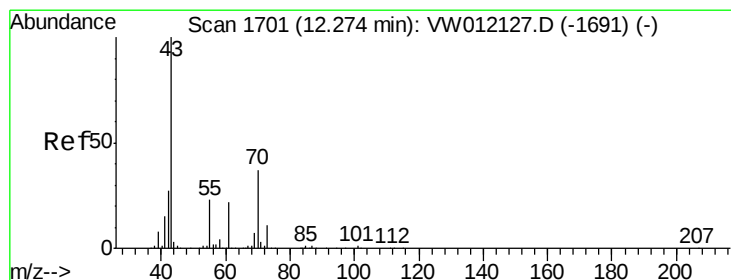
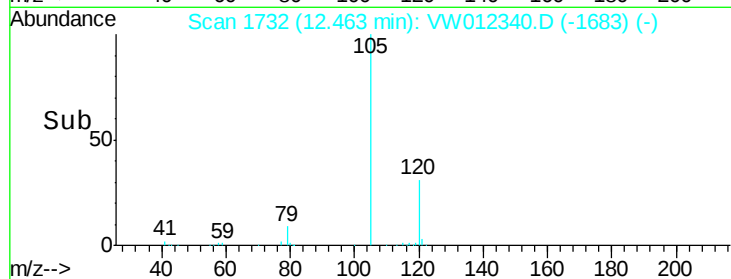
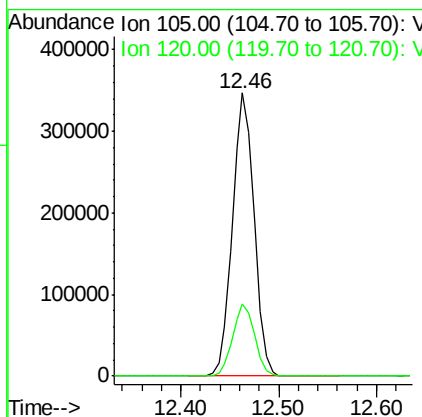
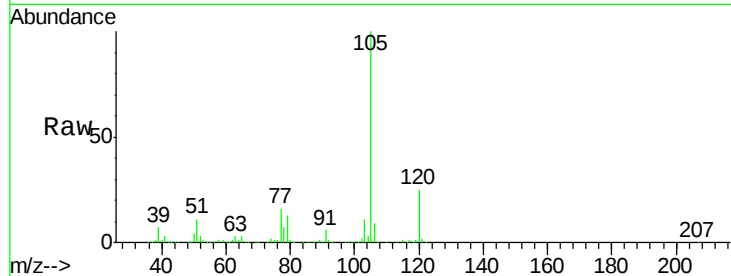
#73
Isopropylbenzene
Concen: 50.382 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.5	37.5

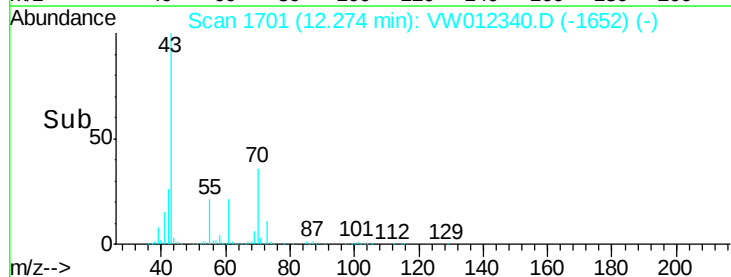
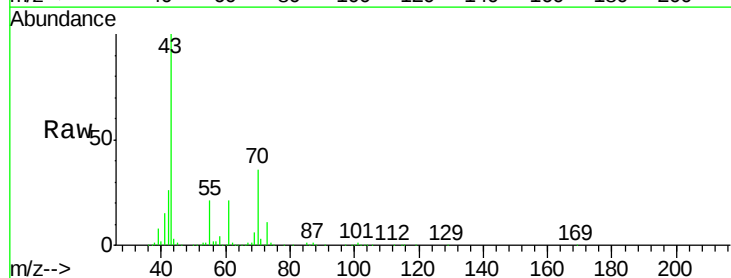
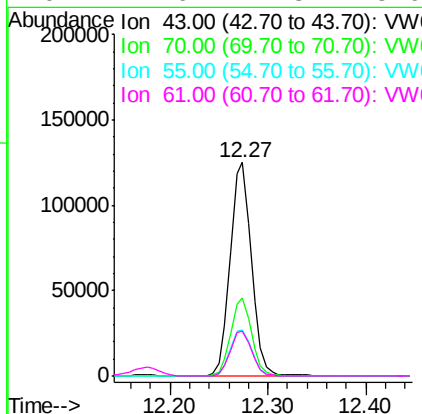
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#74
N-ethyl acetate
Concen: 59.127 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.0	28.6	43.0
55	22.5	17.8	26.6
61	21.6	17.3	25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 57.990 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

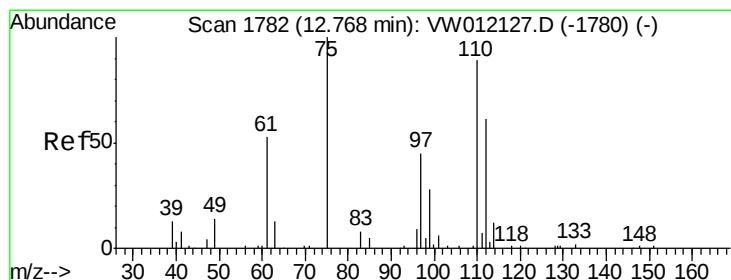
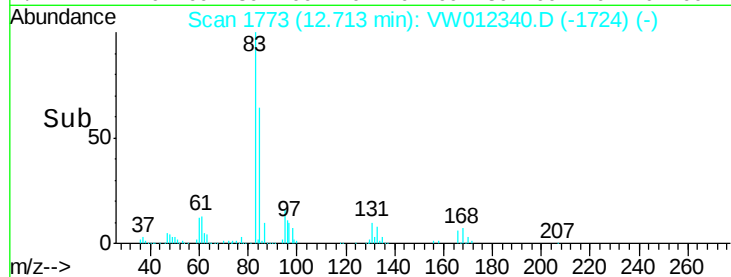
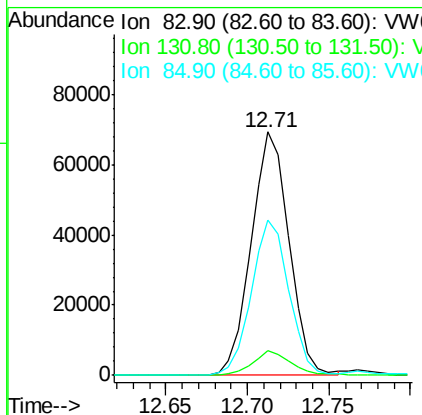
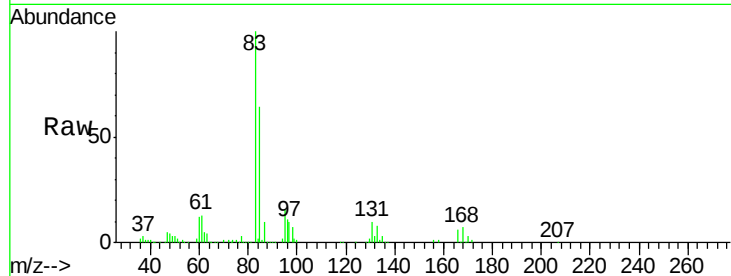
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	112218
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.7
85	62.9	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 67.641 ug/l m

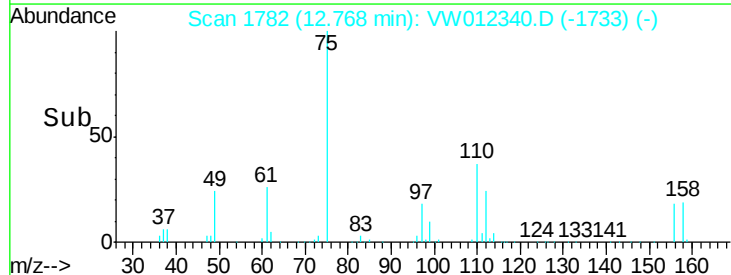
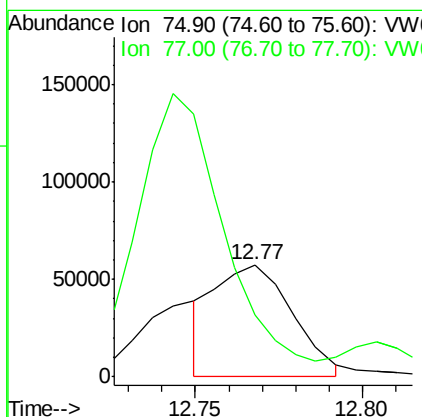
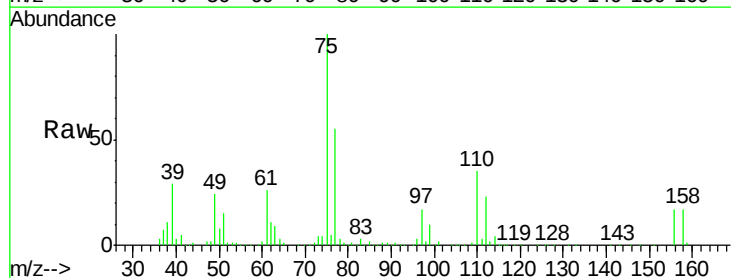
RT: 12.77 min Scan# 1782

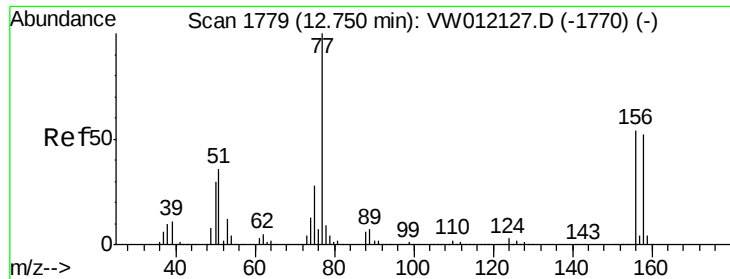
Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Tgt Ion:	75	Resp:	92800
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.884 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

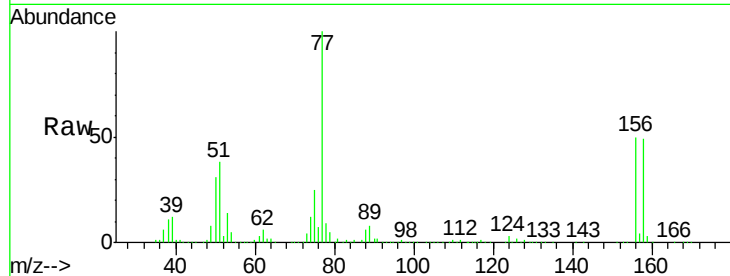
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	123046
Ion Ratio	Lower	Upper	
156	100		
77	216.1	107.3	321.8
158	97.4	49.0	147.0

Manual Integrations
APPROVED

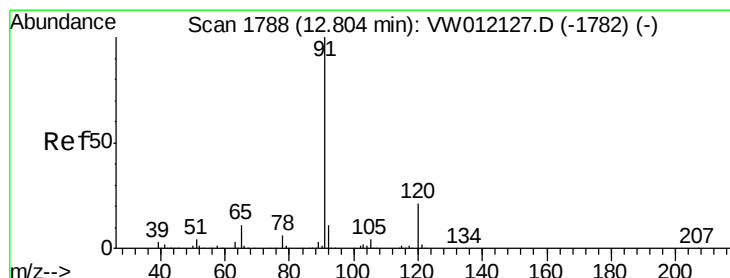
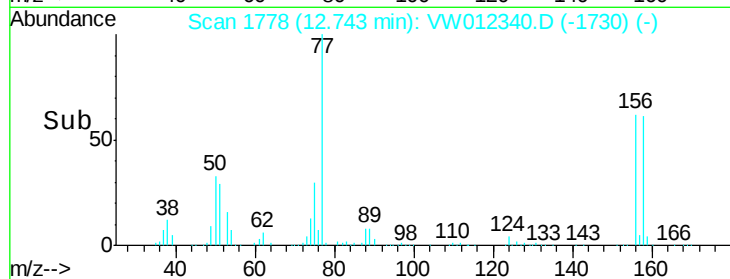
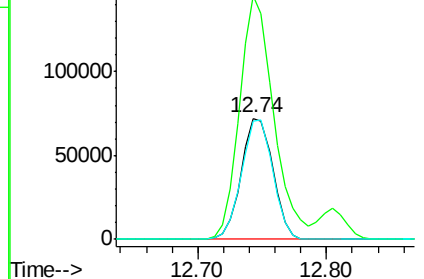
MMDadoda
8/30/2019 11:44:36 AM



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: 50.053 ug/l

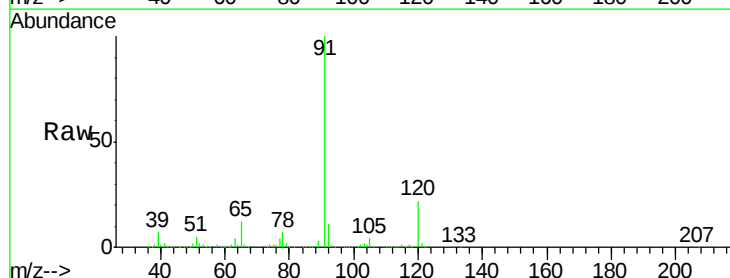
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012340.D

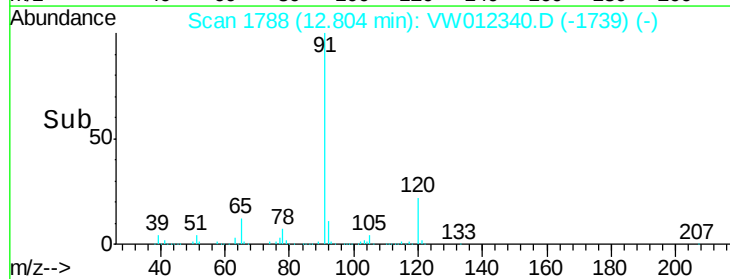
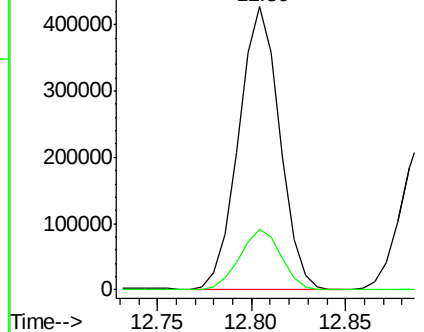
Acq: 30 Aug 2019 08:24

Tgt Ion:	91	Resp:	644981
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.5	31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.760 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 378672

Ion Ratio Lower Upper

91 100

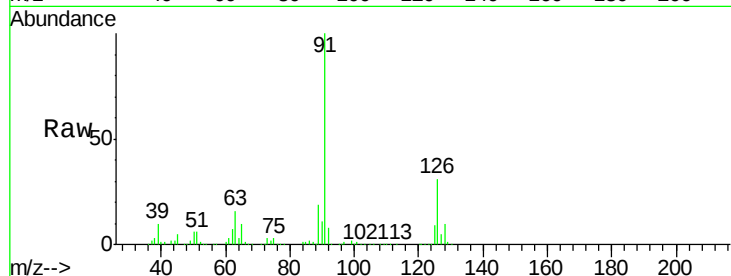
126 31.3 15.7 47.0

Manual Integrations

APPROVED

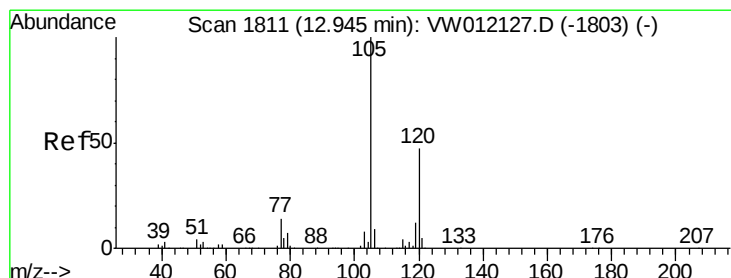
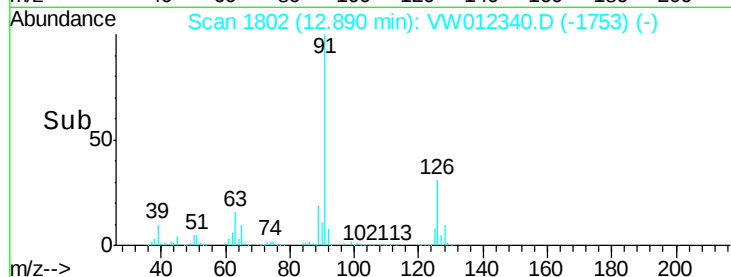
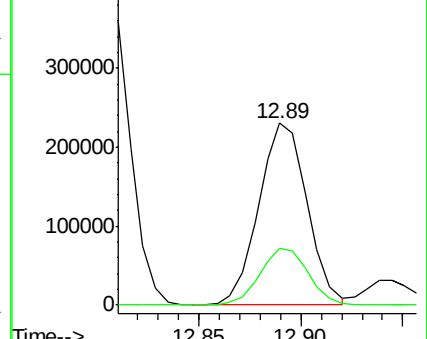
MMDadoda

8/30/2019 11:44:36 AM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.520 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012340.D

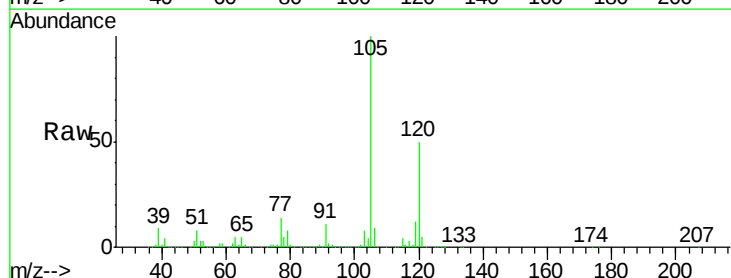
Acq: 30 Aug 2019 08:24

Tgt Ion: 105 Resp: 454415

Ion Ratio Lower Upper

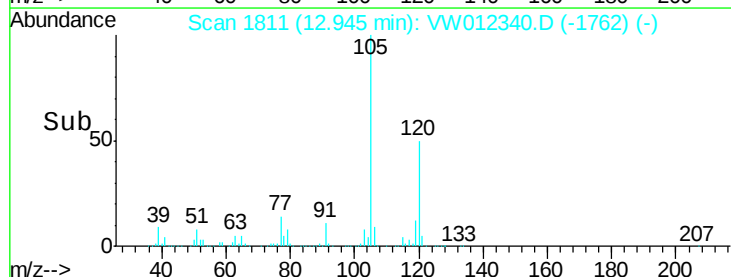
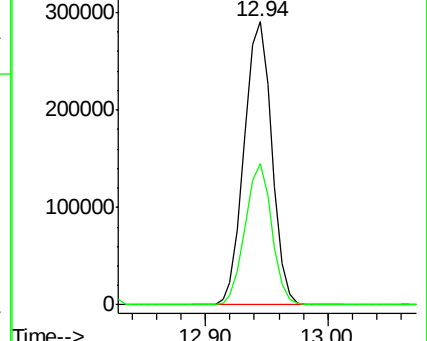
105 100

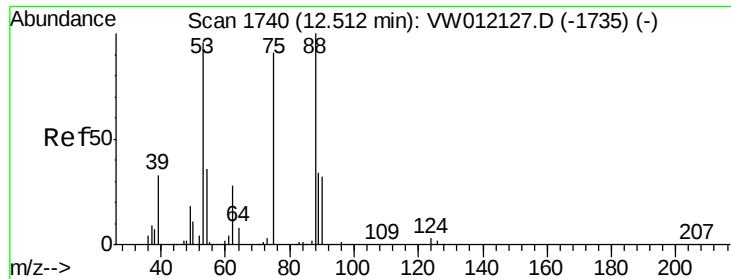
120 48.3 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





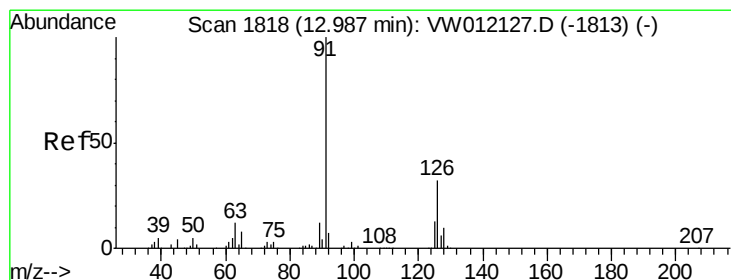
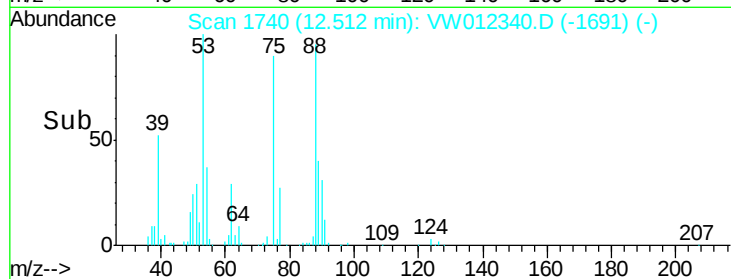
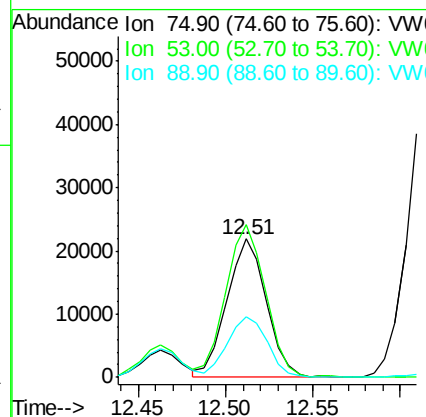
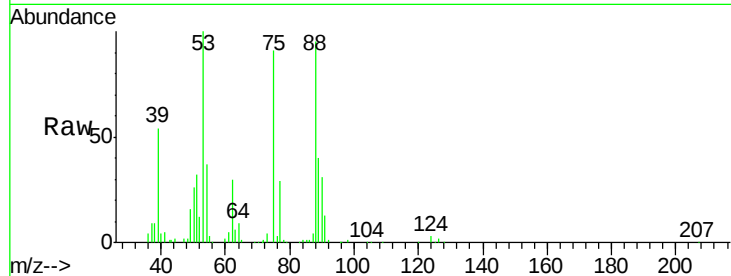
#81
trans-1,4-Dichloro-2-butene
Concen: 54.053 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.4	89.4	134.0
89	44.4	34.5	51.7

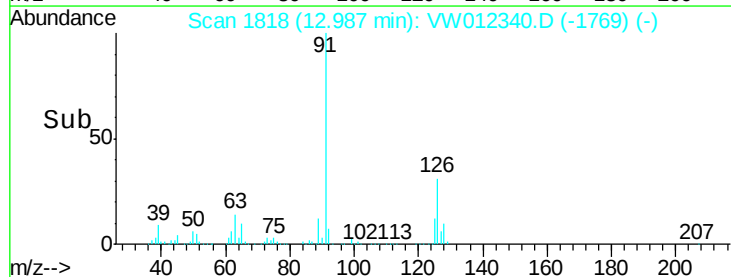
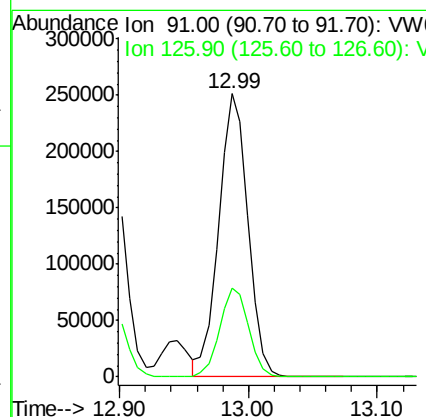
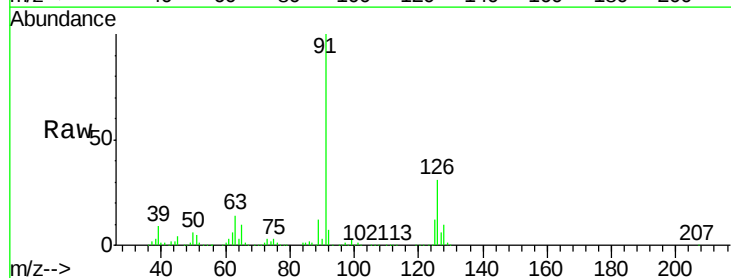
Manual Integrations
APPROVED

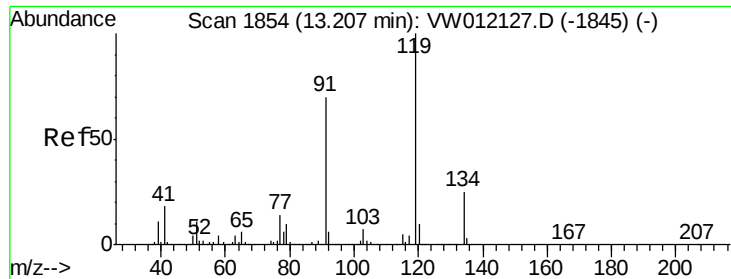
MMDadoda
8/30/2019 11:44:36 AM



#82
4-Chlorotoluene
Concen: 52.068 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.8





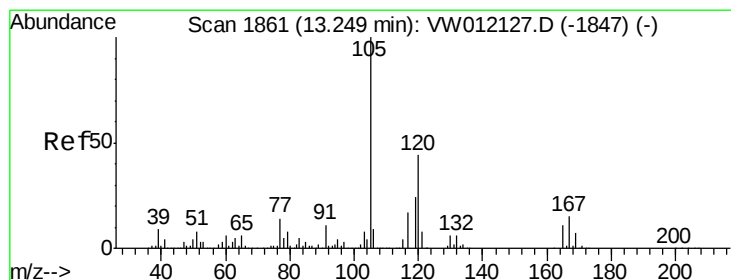
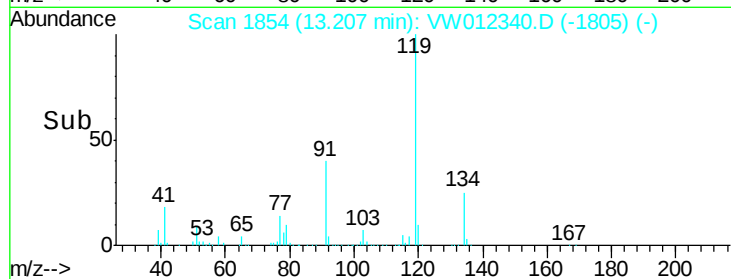
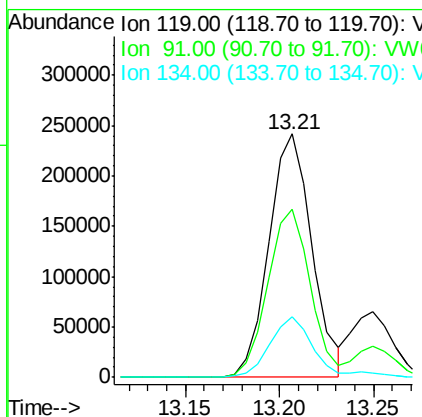
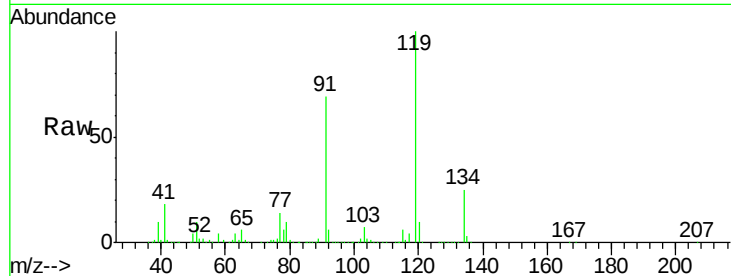
#83
tert-Butylbenzene
Concen: 51.269 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.4	34.8	104.3
134	26.1	13.3	39.8

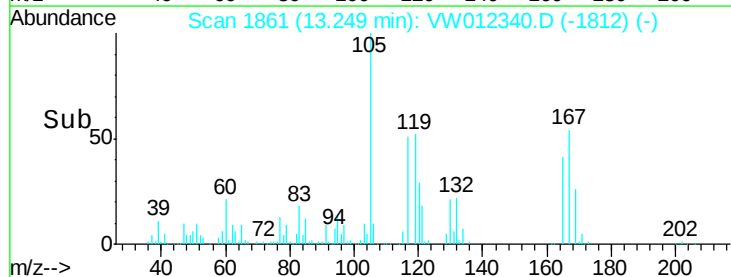
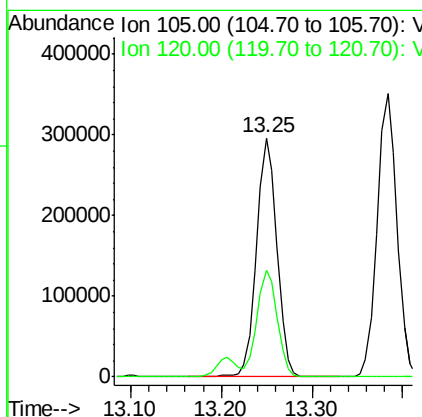
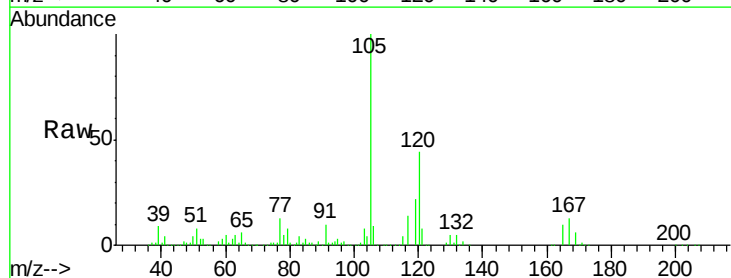
Manual Integrations
APPROVED

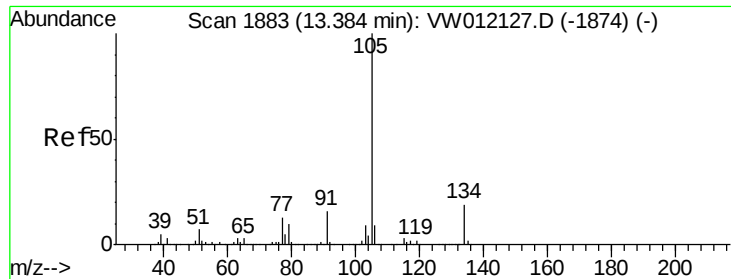
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#84
1,2,4-Trimethylbenzene
Concen: 52.002 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.9	65.7





#85

sec-Butylbenzene

Concen: 49.526 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 530129

Ion Ratio Lower Upper

105 100

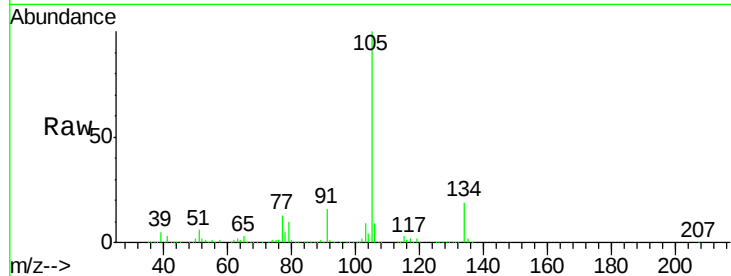
134 19.4 9.8 29.4

Manual Integrations

APPROVED

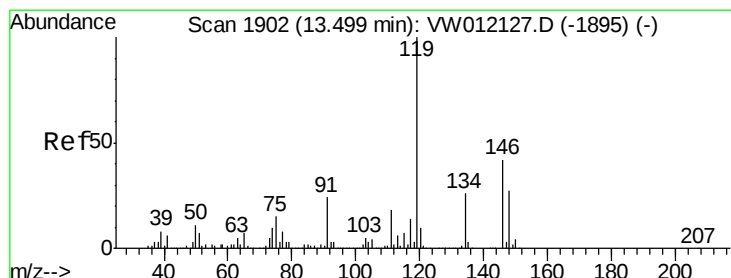
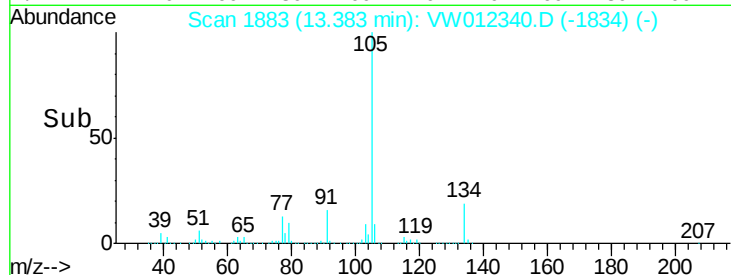
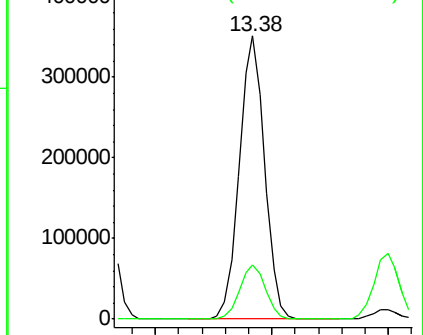
MMDadoda

8/30/2019 11:44:36 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.389 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

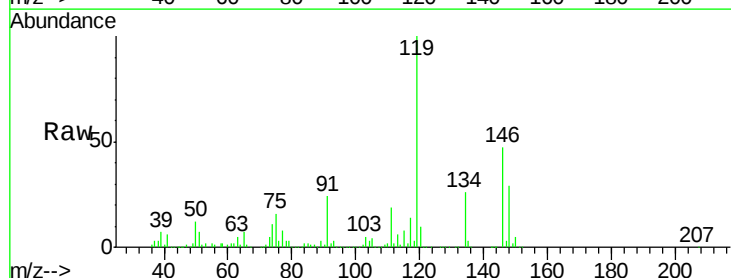
Tgt Ion:119 Resp: 481688

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

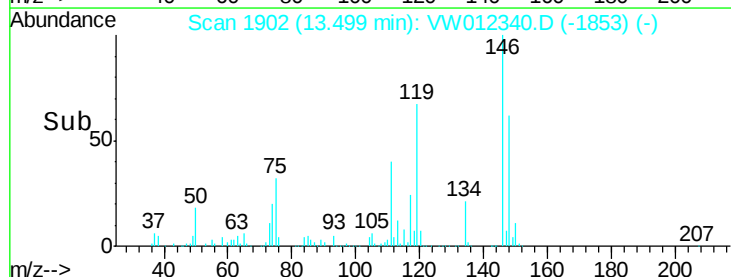
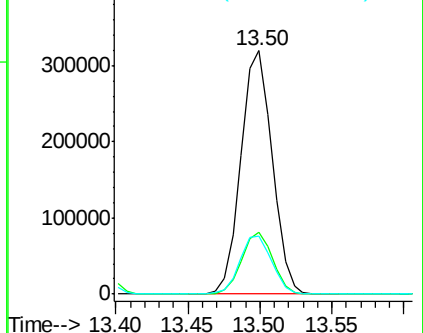
91 24.3 12.3 36.9

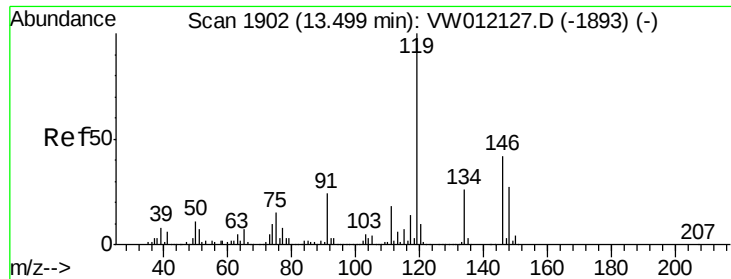


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





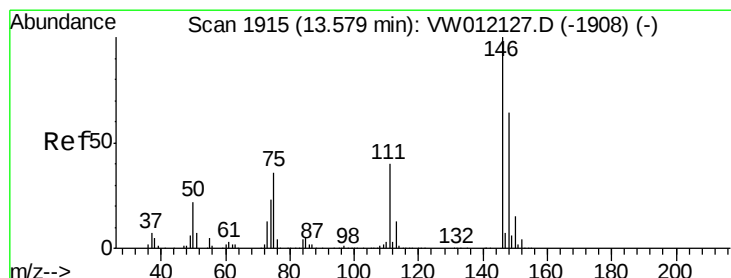
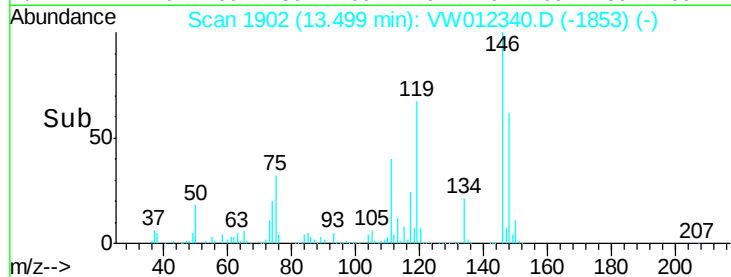
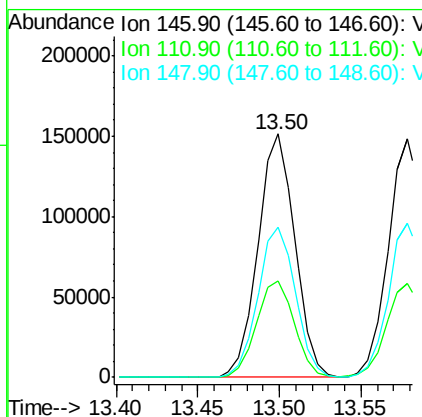
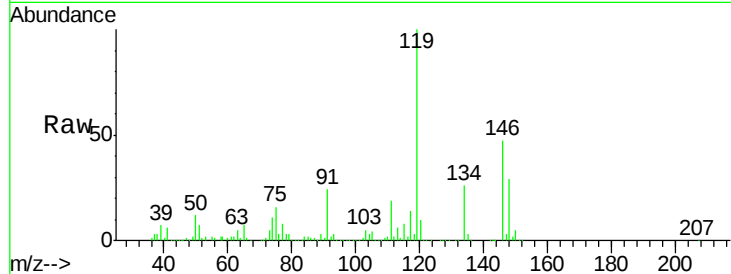
#87
 1,3-Dichlorobenzene
 Concen: 53.350 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	238291		
111	40.8	20.9	62.7	
148	62.8	32.2	96.6	

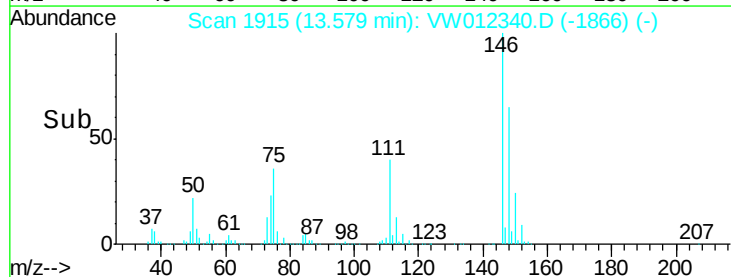
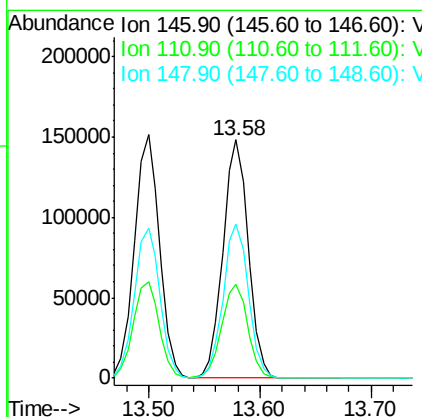
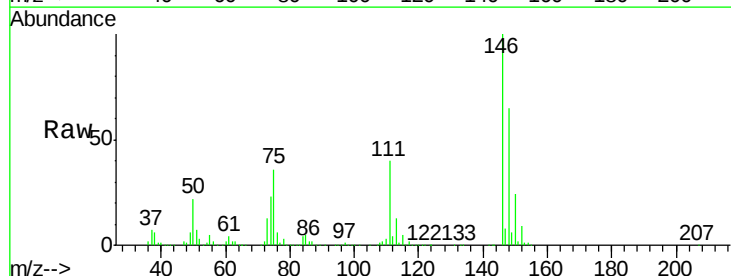
Manual Integrations
 APPROVED

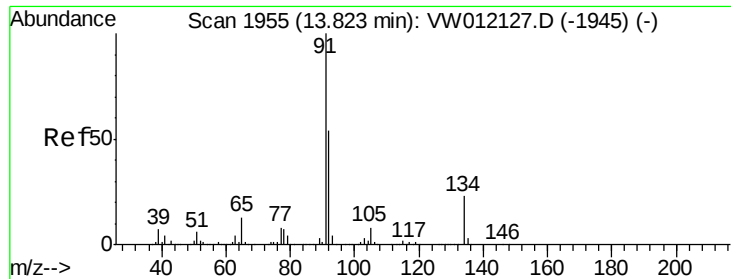
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#88
 1,4-Dichlorobenzene
 Concen: 52.593 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	233247		
111	40.4	20.0	60.0	
148	64.7	32.1	96.3	





#89

n-Butylbenzene

Concen: 48.922 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Instrument :

MSVOA_W

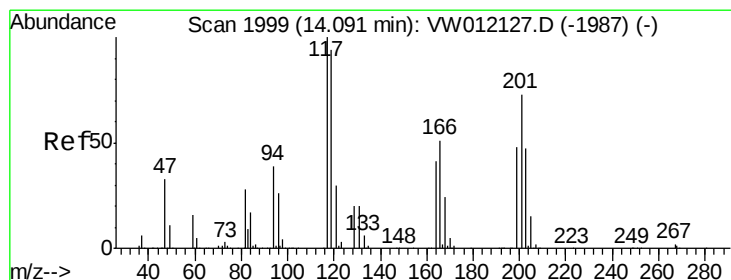
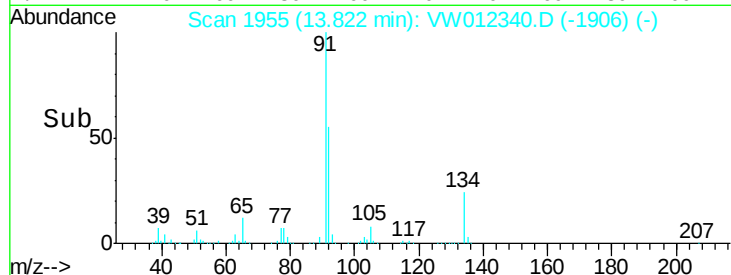
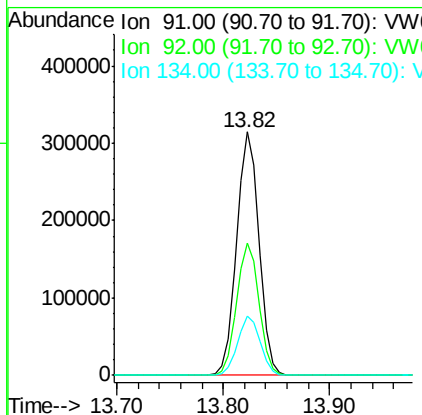
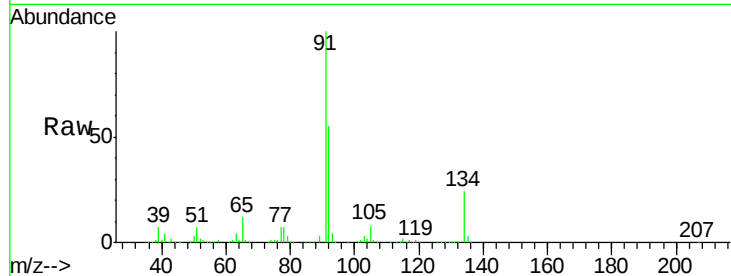
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	465060
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.2
134	24.5	12.2	36.4

Manual Integrations
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#90

Hexachloroethane

Concen: 50.663 ug/l

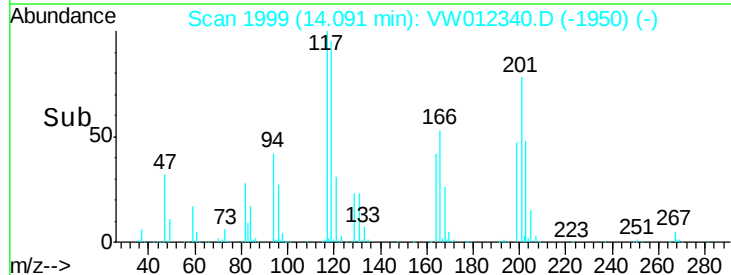
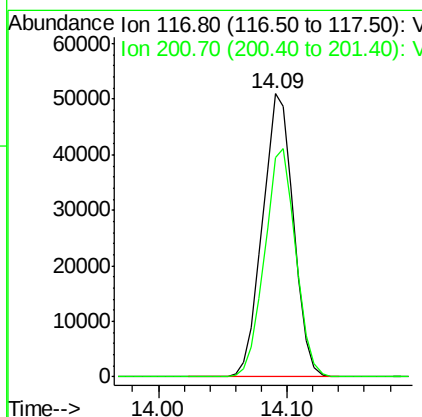
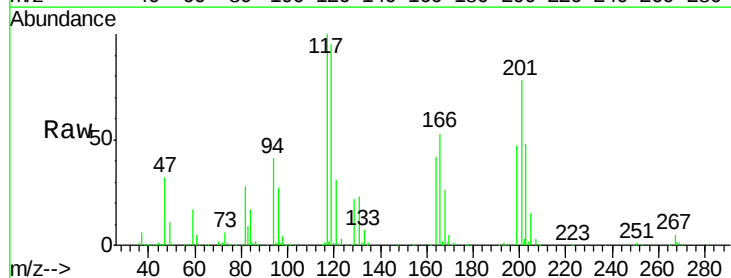
RT: 14.09 min Scan# 1999

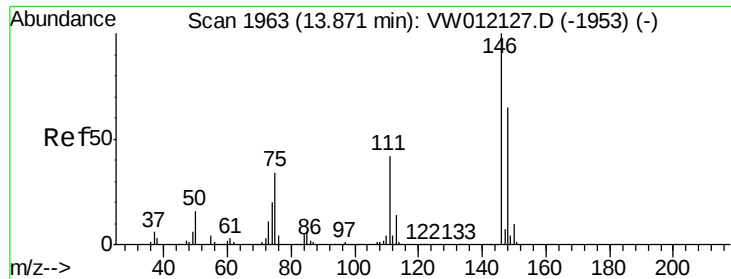
Delta R.T. -0.00 min

Lab File: VW012340.D

Acq: 30 Aug 2019 08:24

Tgt Ion:	117	Resp:	84970
Ion	Ratio	Lower	Upper
117	100		
201	81.1	38.6	115.7





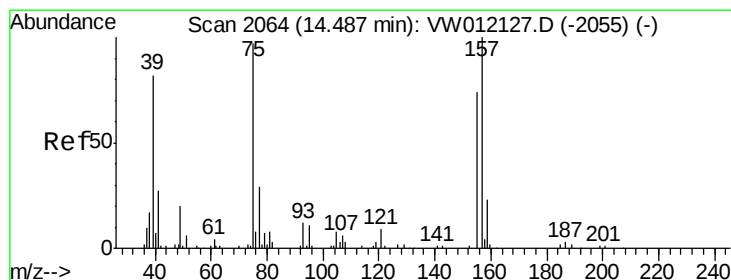
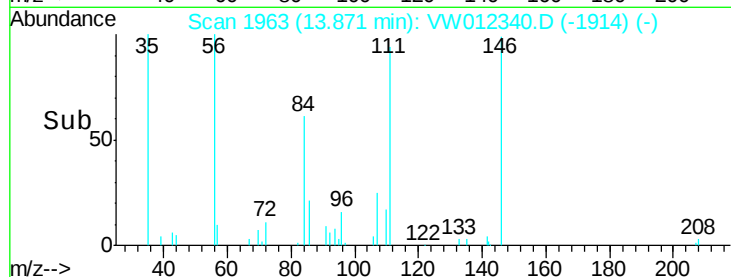
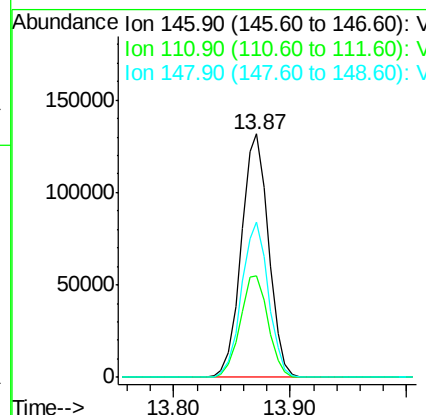
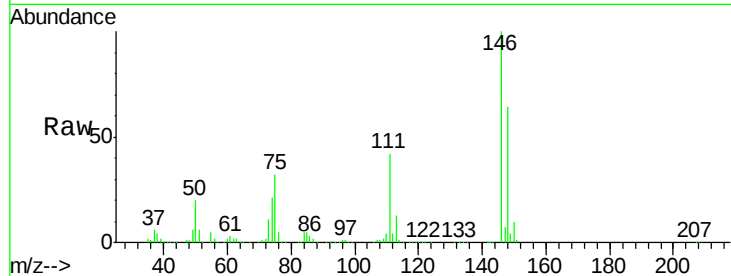
#91
 1,2-Dichlorobenzene
 Concen: 54.716 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.2	63.6
148	63.0	32.5	97.4

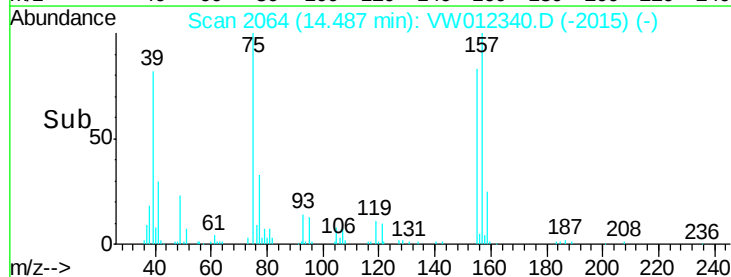
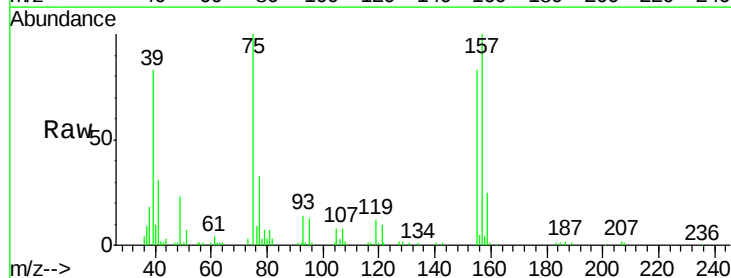
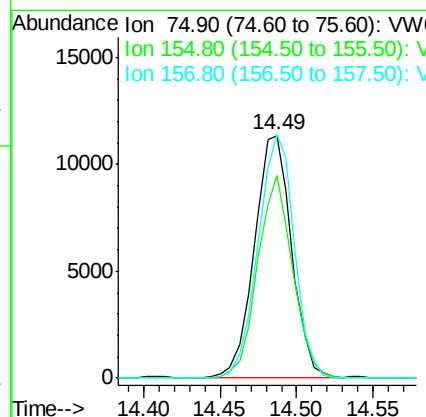
Manual Integrations
 APPROVED

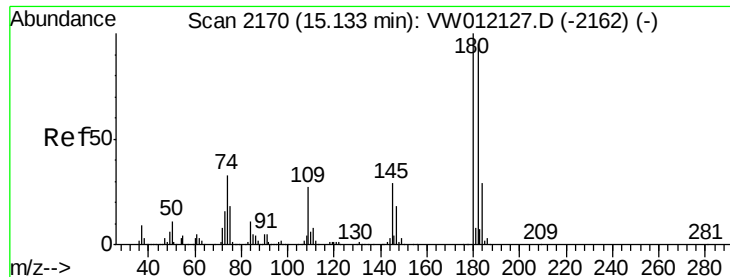
MMDadoda
 8/30/2019 11:44:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.863 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	37.5	112.3
157	97.7	50.5	151.5





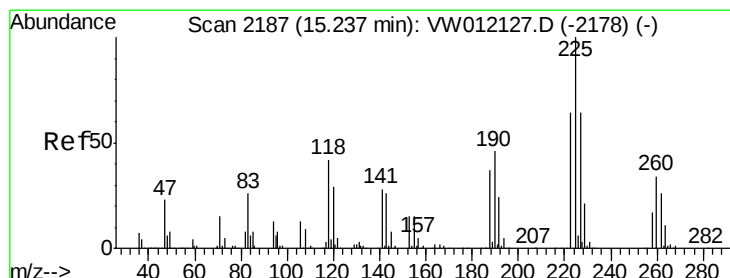
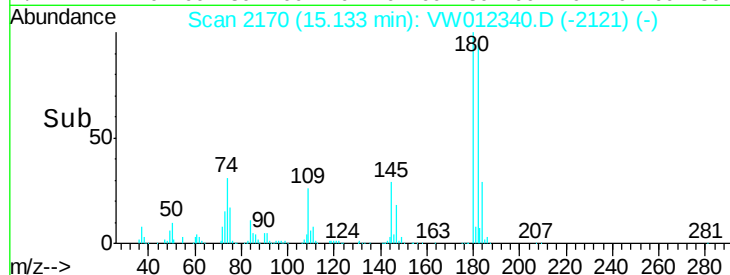
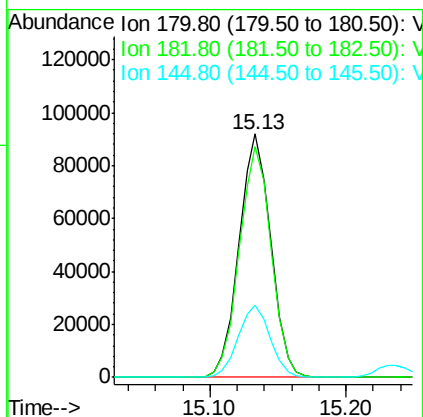
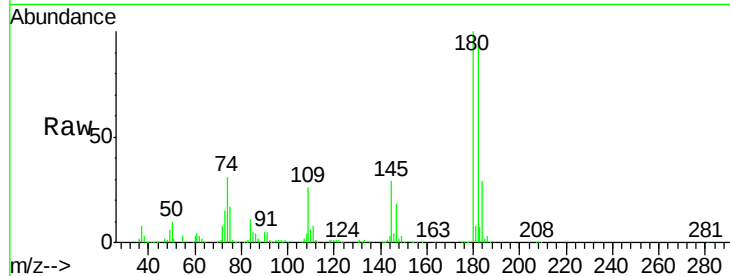
#93
 1,2,4-Trichlorobenzene
 Concen: 55.085 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	149159		
182	95.6	47.8	143.4	
145	30.1	15.0	45.1	

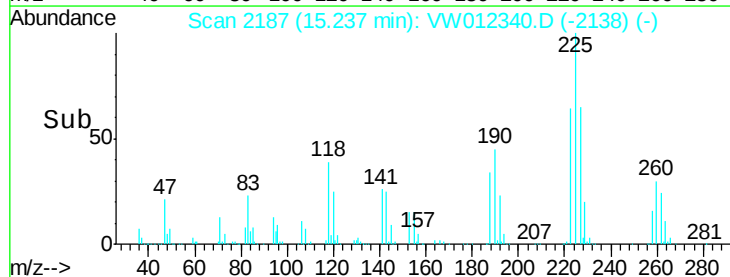
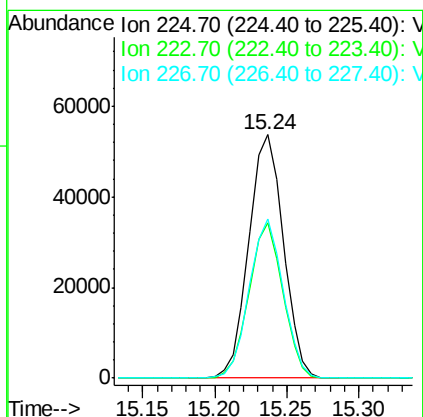
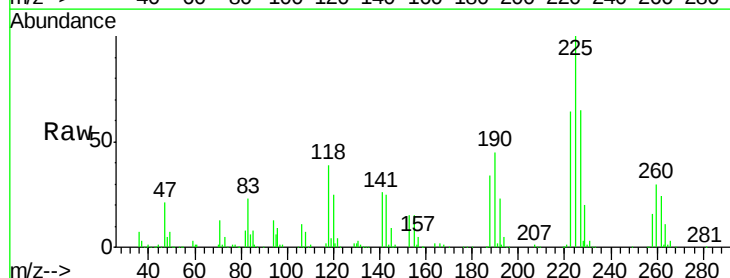
Manual Integrations
 APPROVED

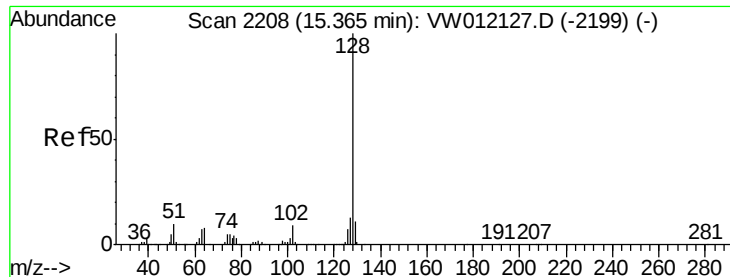
MMDadoda
 8/30/2019 11:44:36 AM



#94
 Hexachlorobutadiene
 Concen: 49.985 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012340.D
 Acq: 30 Aug 2019 08:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89372		
223	62.1	32.3	96.8	
227	63.8	32.9	98.6	





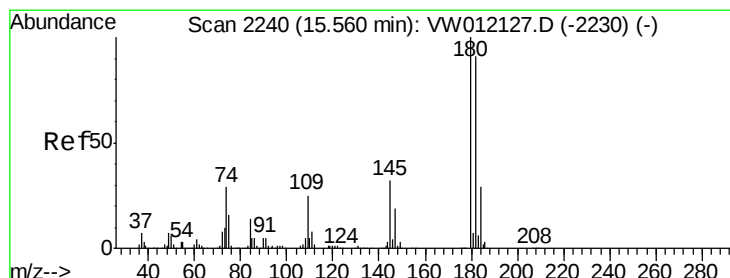
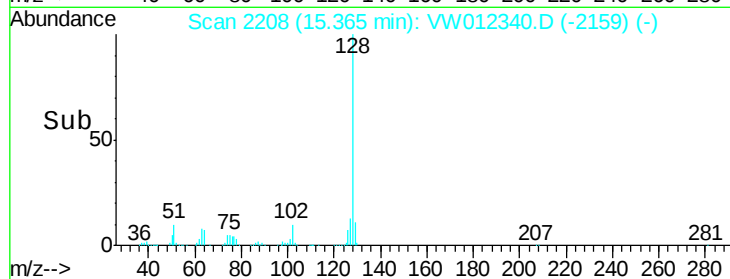
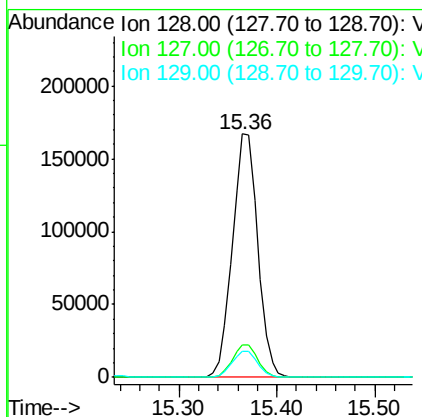
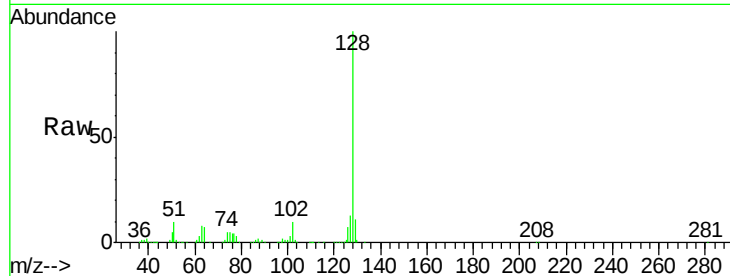
#95
Naphthalene
Concen: 56.020 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	128	Resp:	300686
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/30/2019 11:44:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.336 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012340.D
Acq: 30 Aug 2019 08:24

Tgt Ion:	180	Resp:	135457
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.1	141.3
145	31.6	16.2	48.5

