

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011996.D
 Acq On : 19 Aug 2019 17:52
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 9:55:47 AM

Quant Time: Aug 20 05:47:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	423559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	179852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153884	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	7.88	113	128065	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
50) Toluene-d8	10.32	98	519389	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.62	95	186510	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	68477	46.452	ug/l	93
3) Chloromethane	2.21	50	114257	44.698	ug/l	97
4) Vinyl Chloride	2.36	62	148603	48.288	ug/l	100
5) Bromomethane	2.78	94	79660	46.765	ug/l	98
6) Chloroethane	2.92	64	87385	49.710	ug/l	94
7) Trichlorofluoromethane	3.25	101	75803	55.115	ug/l	98
8) Diethyl Ether	3.68	74	77278	49.556	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	136861	52.457	ug/l	99
10) Methyl Iodide	4.27	142	185693	50.364	ug/l	99
11) Tert butyl alcohol	5.17	59	54604	243.112	ug/l	100
12) 1,1-Dichloroethene	4.04	96	137400	49.878	ug/l	96
13) Acrolein	3.89	56	46985	215.593	ug/l	99
14) Allyl chloride	4.67	41	297918	50.848	ug/l	99
15) Acrylonitrile	5.37	53	197214	253.347	ug/l	98
16) Acetone	4.12	43	220242	227.958	ug/l	97
17) Carbon Disulfide	4.38	76	403275	46.774	ug/l	100
18) Methyl Acetate	4.67	43	105102	48.424	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	226401	51.791	ug/l	99
20) Methylene Chloride	4.92	84	152613	45.801	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	146373	49.285	ug/l	96
22) Diisopropyl ether	6.31	45	563621	51.023	ug/l	99
23) Vinyl Acetate	6.25	43	1769924	254.992	ug/l	99
24) 1,1-Dichloroethane	6.21	63	295727	49.987	ug/l	100
25) 2-Butanone	7.17	43	293561	232.204	ug/l	99
26) 2,2-Dichloropropane	7.17	77	170585	46.885	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	163145	49.912	ug/l	98
28) Bromochloromethane	7.51	49	137030	52.183	ug/l	98
29) Tetrahydrofuran	7.52	42	182524	252.576	ug/l	100
30) Chloroform	7.68	83	268906	49.268	ug/l	98
31) Cyclohexane	7.95	56	274862	48.400	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	215964	51.956	ug/l	99
36) 1,1-Dichloropropene	8.08	75	227773	51.717	ug/l	99
37) Ethyl Acetate	7.25	43	127446	50.297	ug/l	98
38) Carbon Tetrachloride	8.07	117	196319	52.069	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	257999	53.200	ug/l	99
40) Benzene	8.32	78	628133	50.916	ug/l	100
41) Methacrylonitrile	7.48	41	76828	50.722	ug/l	97
42) 1,2-Dichloroethane	8.40	62	194033	50.236	ug/l	100
43) Isopropyl Acetate	8.42	43	240673	51.647	ug/l	100
44) Trichloroethene	9.09	130	155782	52.539	ug/l	96
45) 1,2-Dichloropropane	9.37	63	170481	51.648	ug/l	100
46) Dibromomethane	9.46	93	76539	50.804	ug/l	99
47) Bromodichloromethane	9.65	83	205494	51.999	ug/l	100
48) Methyl methacrylate	9.43	41	116462	52.027	ug/l	99
49) 1,4-Dioxane	9.45	88	24852	1139.262	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	621912	256.576	ug/l	99
52) Toluene	10.39	92	384537	51.616	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	215819	52.279	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	256642	52.286	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	110210	51.558	ug/l	98
56) Ethyl methacrylate	10.65	69	168563	53.889	ug/l	98
57) 1,3-Dichloropropane	10.93	76	206556	51.076	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	439723	309.614	ug/l	99
59) 2-Hexanone	10.97	43	442877	258.777	ug/l	98
60) Dibromochloromethane	11.13	129	124479	52.461	ug/l	99
61) 1,2-Dibromoethane	11.24	107	103981	51.402	ug/l	99
64) Tetrachloroethene	10.86	164	125457	52.161	ug/l	98
65) Chlorobenzene	11.66	112	386368	52.024	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	138425	53.510	ug/l	99
67) Ethyl Benzene	11.73	91	750304	53.046	ug/l	100
68) m/p-Xylenes	11.84	106	544449	105.843	ug/l	99
69) o-Xylene	12.17	106	256061	53.569	ug/l	99
70) Styrene	12.18	104	442104	53.493	ug/l	100
71) Bromoform	12.35	173	71483	54.196	ug/l #	99
73) Isopropylbenzene	12.46	105	715031	53.291	ug/l	100
74) N-amyl acetate	12.27	43	228019	54.282	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	131401	52.065	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	94508m	49.662	ug/l	
77) Bromobenzene	12.75	156	154926	52.240	ug/l	99
78) n-propylbenzene	12.80	91	870554	53.313	ug/l	100
79) 2-Chlorotoluene	12.89	91	491725	52.271	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	600378	53.381	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	45397	54.977	ug/l	96
82) 4-Chlorotoluene	12.99	91	510460	51.718	ug/l	99
83) tert-Butylbenzene	13.21	119	513287	54.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	599208	52.887	ug/l	100
85) sec-Butylbenzene	13.38	105	736782	54.901	ug/l	100
86) p-Isopropyltoluene	13.50	119	662071	54.373	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	301035	51.769	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	301694	52.155	ug/l	100
89) n-Butylbenzene	13.82	91	662724	54.539	ug/l	100
90) Hexachloroethane	14.10	117	118092	54.847	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	269080	52.319	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22569	52.440	ug/l	99

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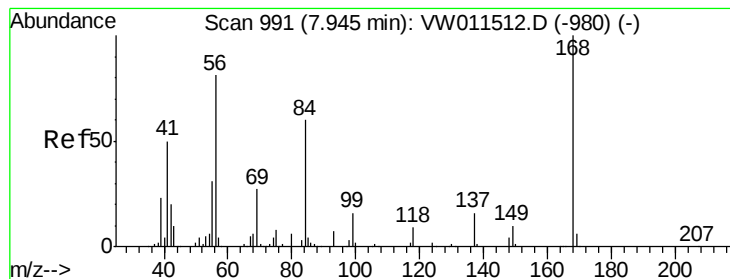
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	193998	53.521	ug/l	99
94) Hexachlorobutadiene	15.24	225	124571	55.110	ug/l	98
95) Naphthalene	15.37	128	357680	50.360	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	169147	53.237	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: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 264507

Ion Ratio Lower Upper

168 100

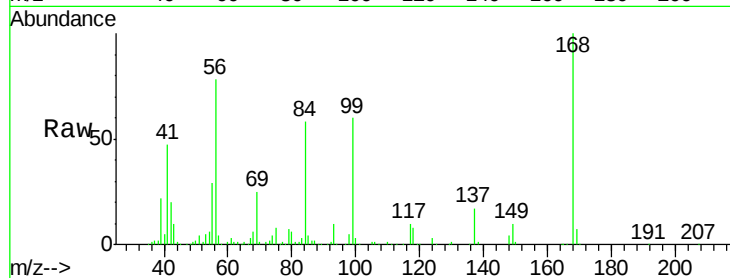
99 60.2 48.2 72.4

Manual Integrations

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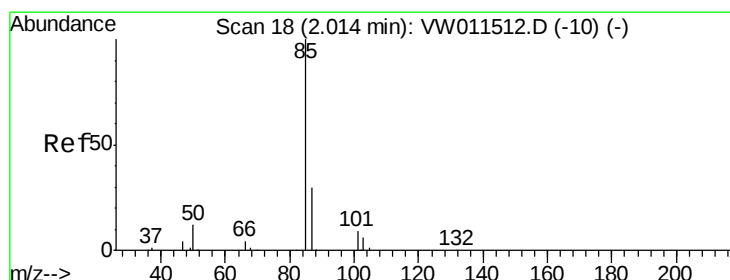
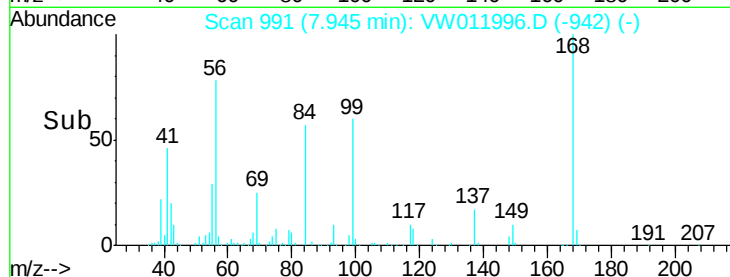
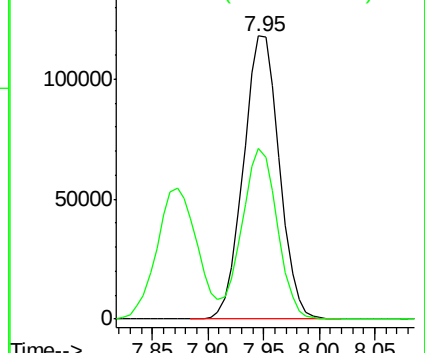
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 46.452 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011996.D

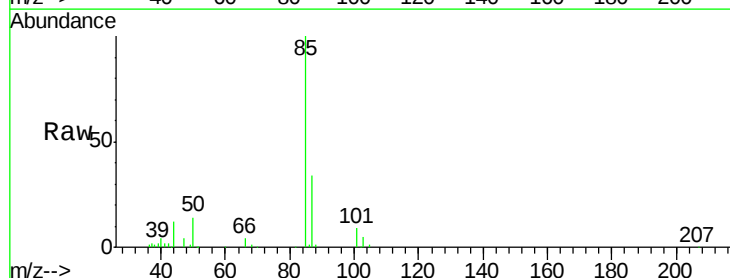
Acq: 19 Aug 2019 17:52

Tgt Ion: 85 Resp: 68477

Ion Ratio Lower Upper

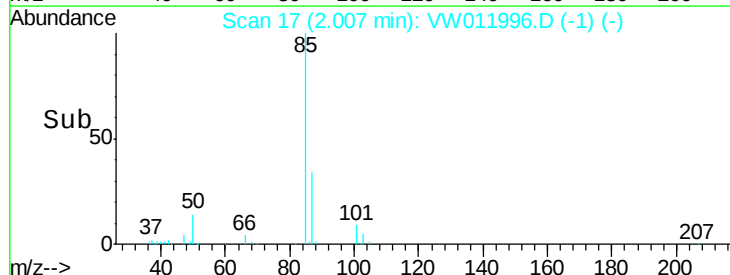
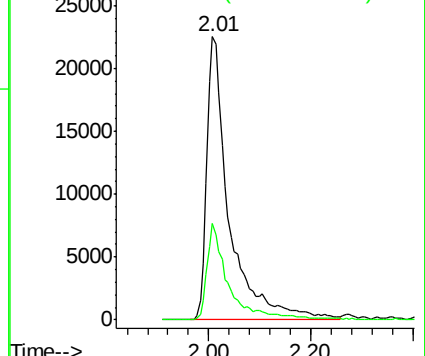
85 100

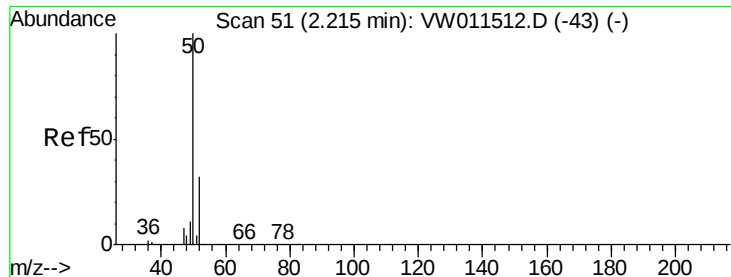
87 34.1 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.698 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 114257

Ion Ratio Lower Upper

50 100

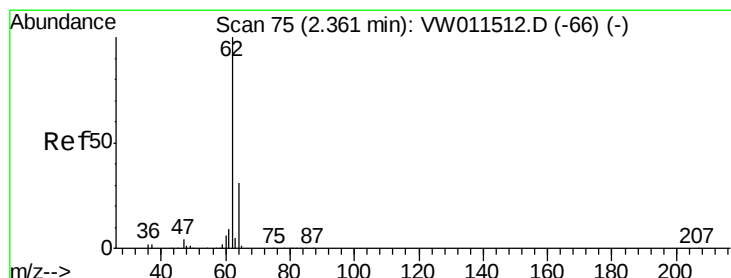
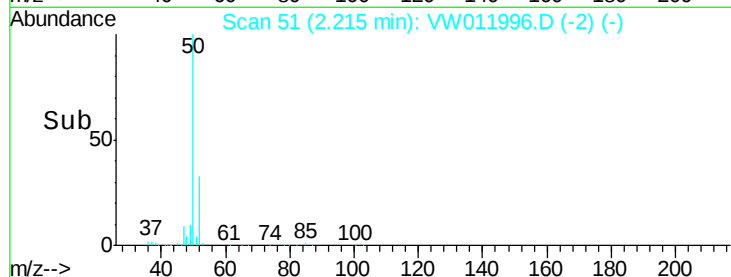
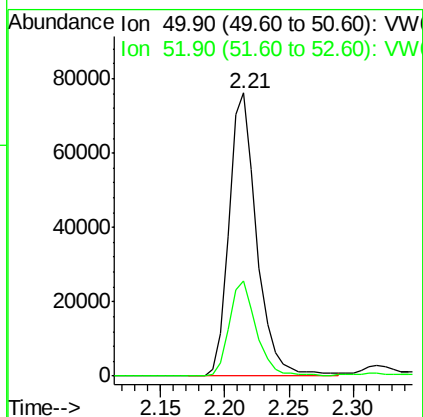
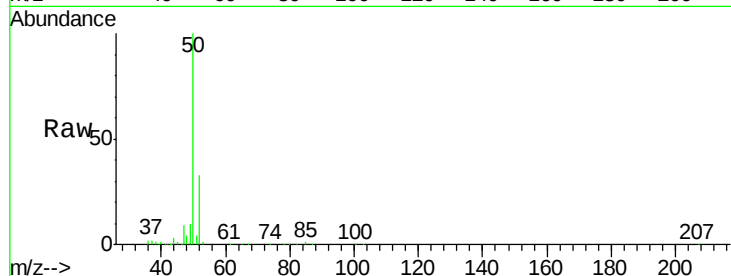
52 33.5 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.288 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011996.D

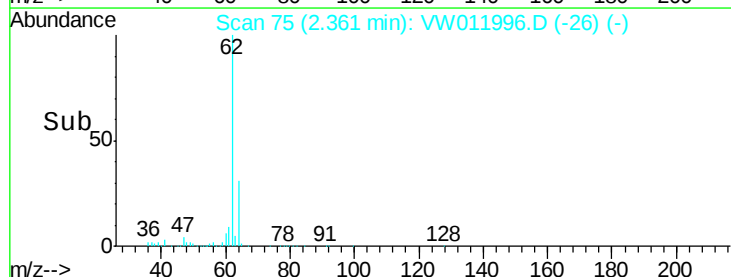
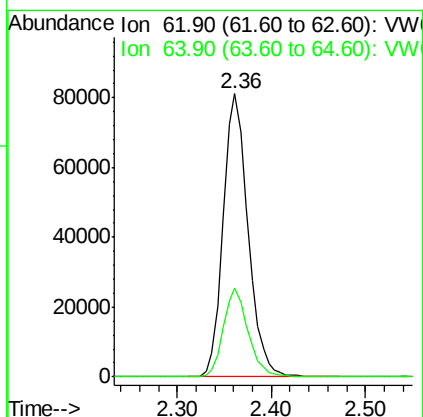
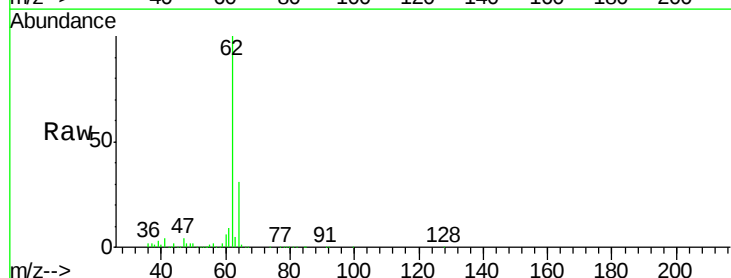
Acq: 19 Aug 2019 17:52

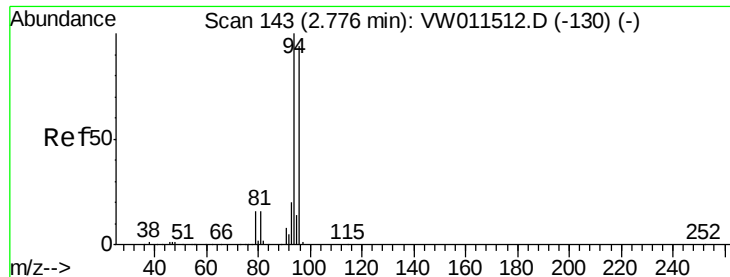
Tgt Ion: 62 Resp: 148603

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.4





#5

Bromomethane

Concen: 46.765 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 79660

Ion Ratio Lower Upper

94 100

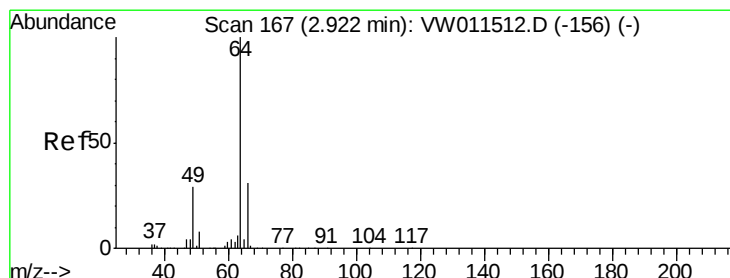
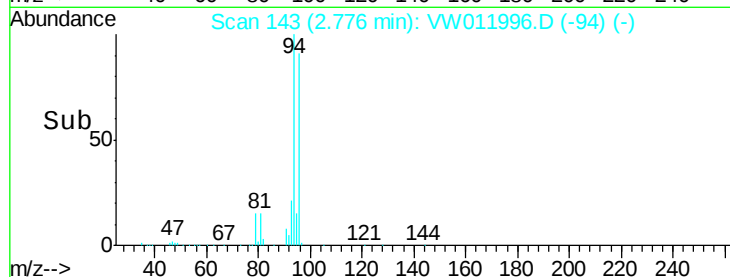
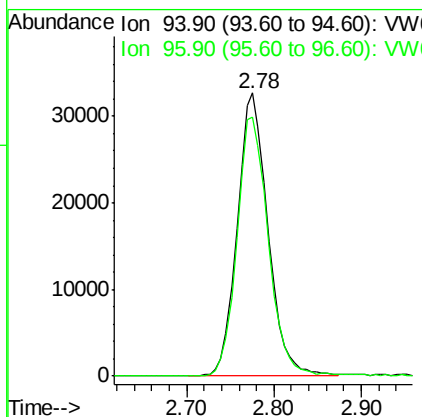
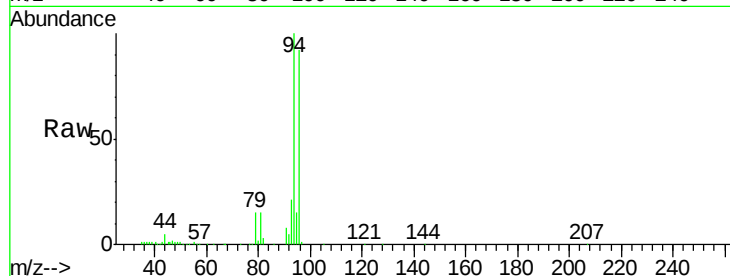
96 91.6 75.0 112.6

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#6

Chloroethane

Concen: 49.710 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW011996.D

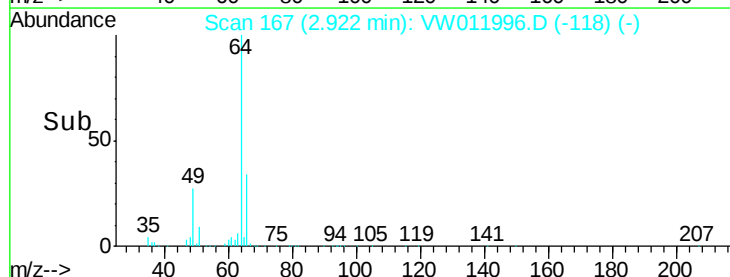
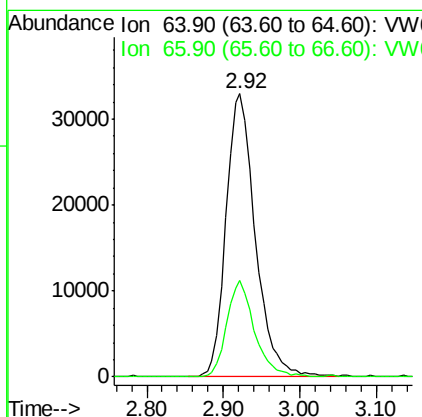
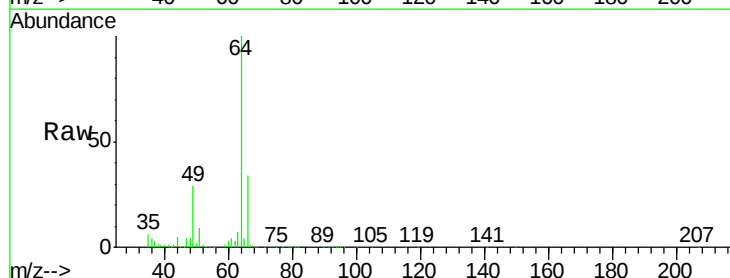
Acq: 19 Aug 2019 17:52

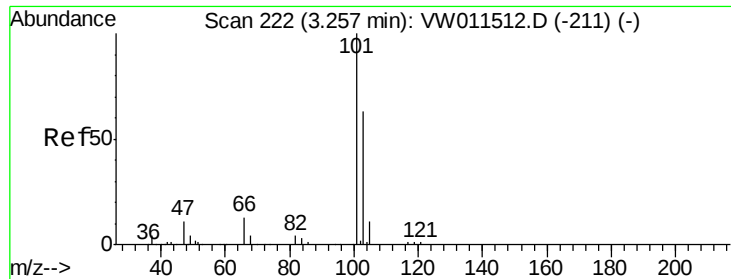
Tgt Ion: 64 Resp: 87385

Ion Ratio Lower Upper

64 100

66 33.8 24.6 36.8





#7

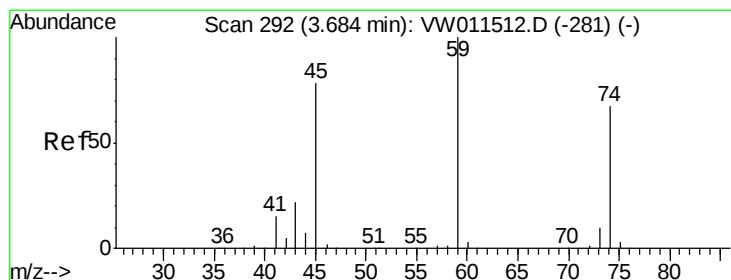
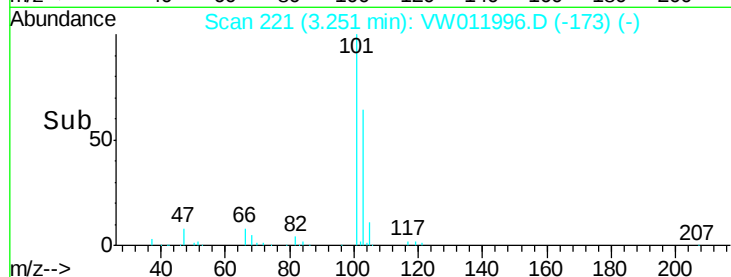
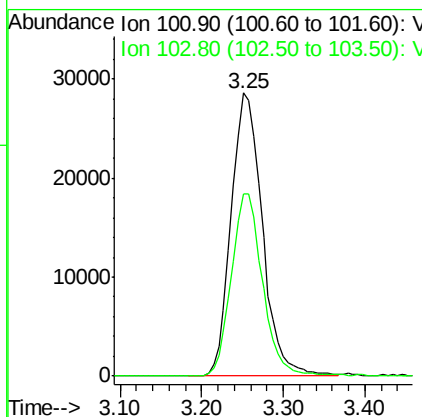
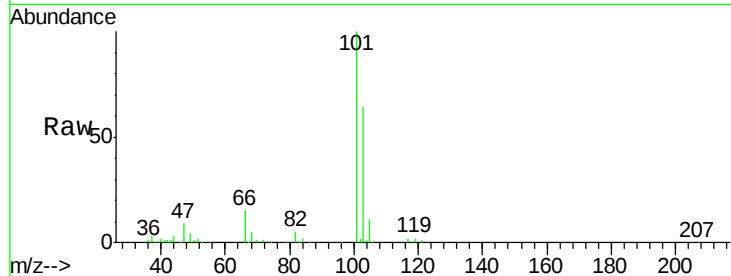
Trichlorofluoromethane
 Concen: 55.115 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.2	75.4

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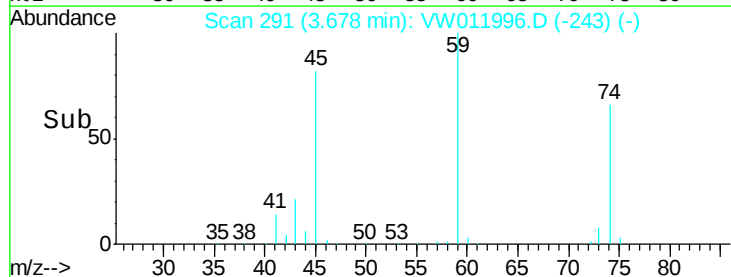
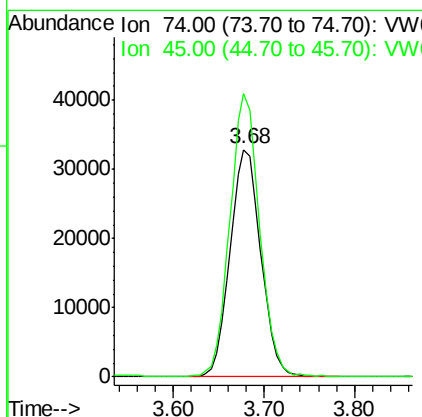
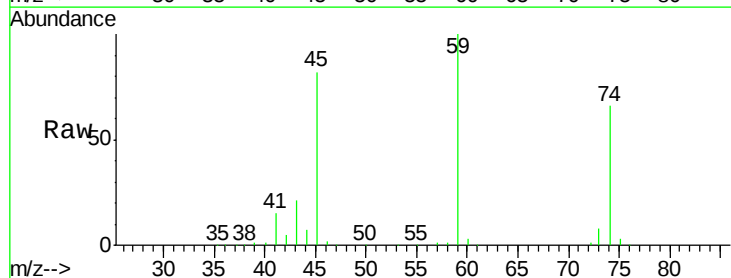
MMDadoda
 8/20/2019 9:55:47 AM

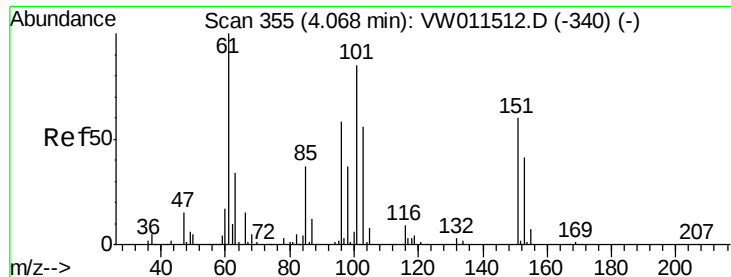


#8

Diethyl Ether
 Concen: 49.556 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	119.6	59.6	178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.457 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

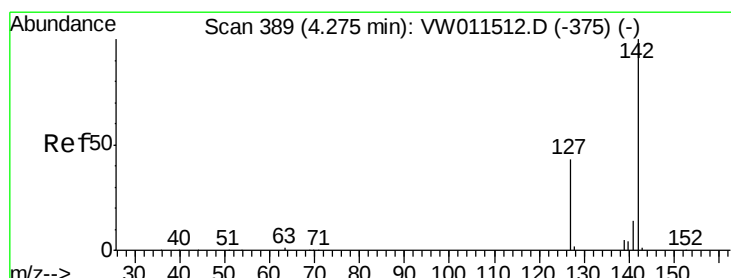
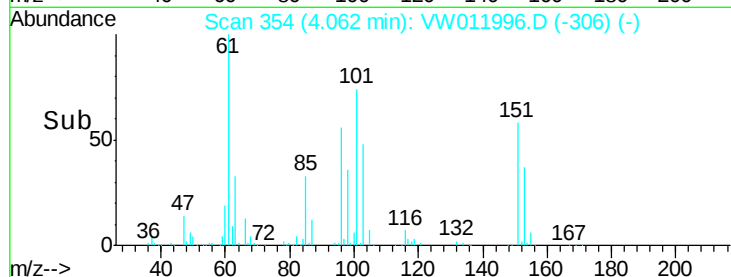
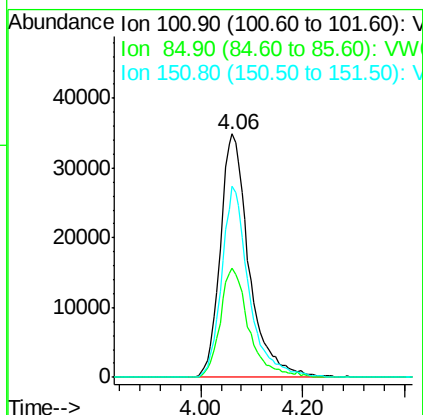
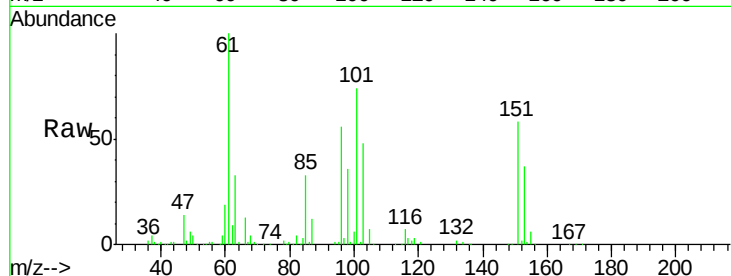
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	136861
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.6	54.8
151	74.7	60.2	90.2

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#10

Methyl Iodide

Concen: 50.364 ug/l

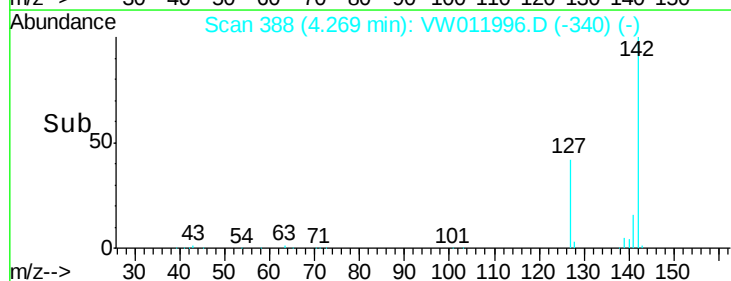
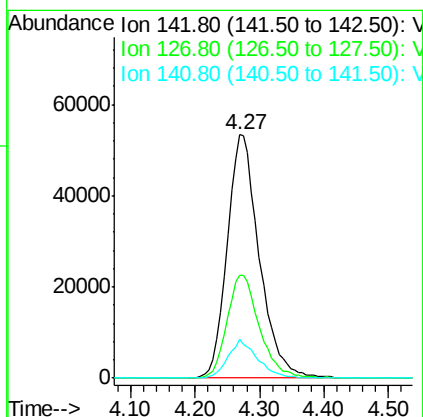
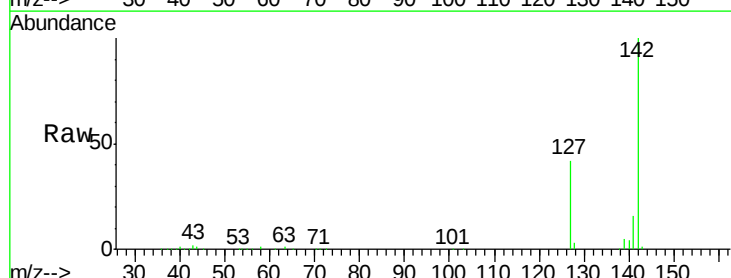
RT: 4.27 min Scan# 388

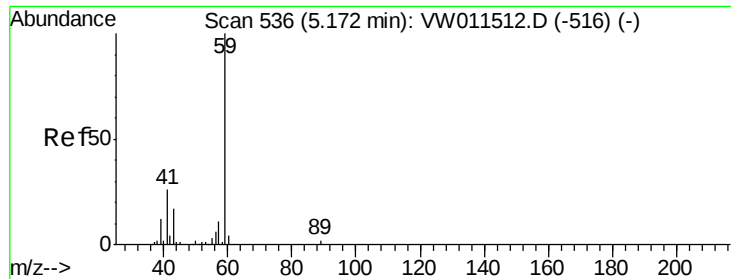
Delta R.T. -0.01 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Tgt Ion:	142	Resp:	185693
Ion Ratio	Lower	Upper	
142	100		
127	42.7	35.0	52.6
141	14.6	11.9	17.9





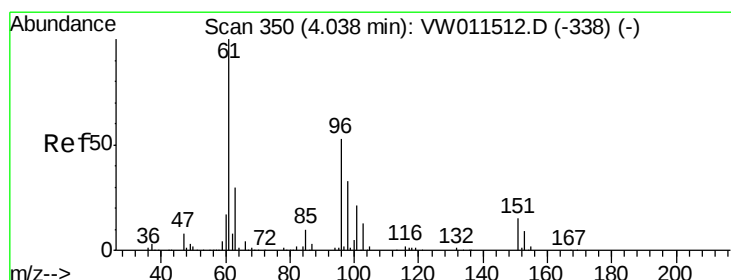
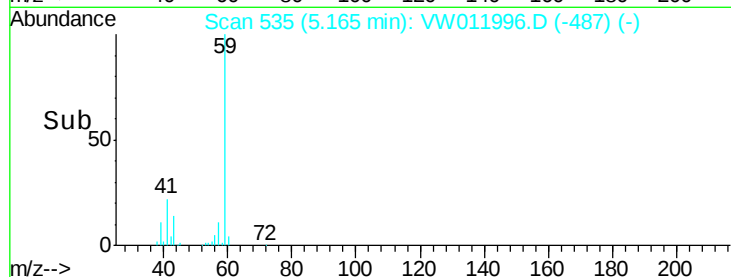
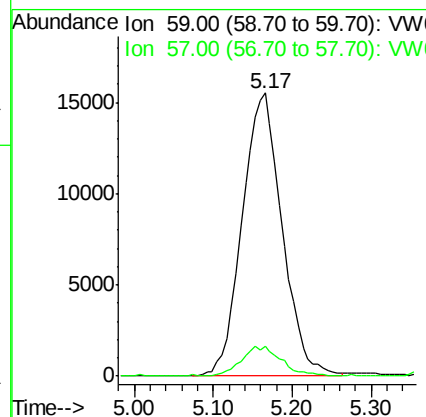
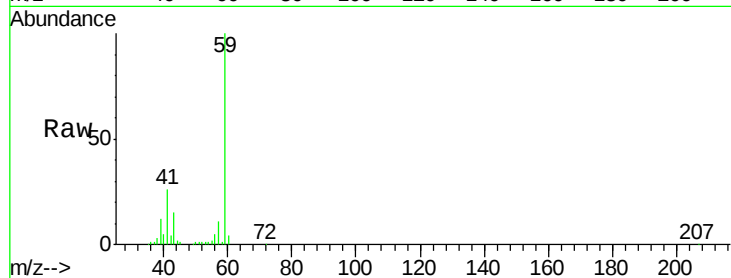
#11
Tert butyl alcohol
Concen: 243.112 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

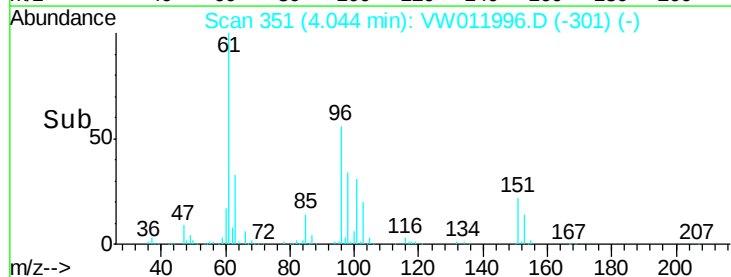
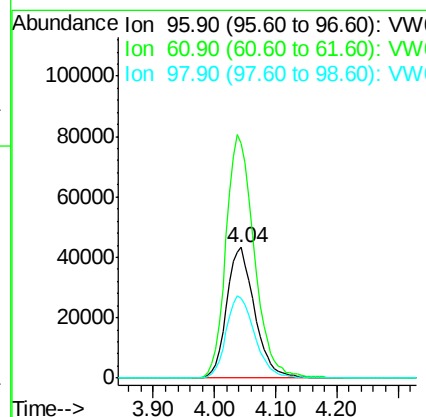
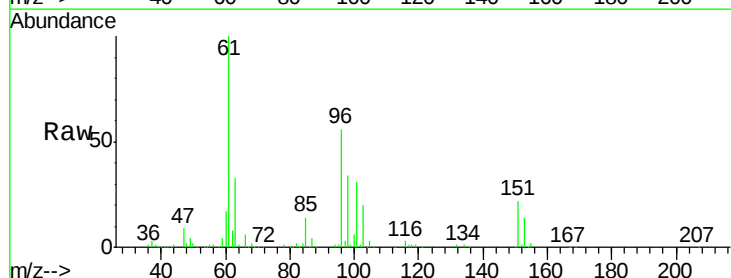
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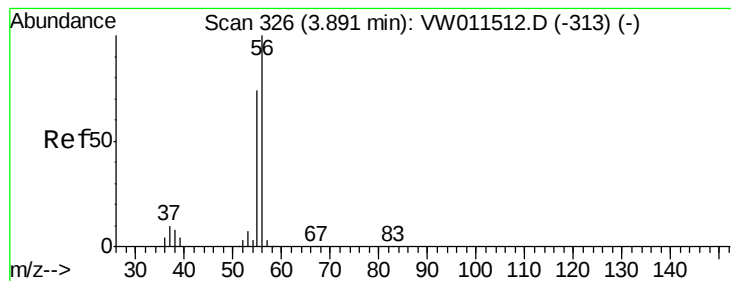
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#12
1,1-Dichloroethene
Concen: 49.878 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.6	149.9	224.9
98	61.3	49.1	73.7





#13

Acrolein

Concen: 215.593 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 46985

Ion Ratio Lower Upper

56 100

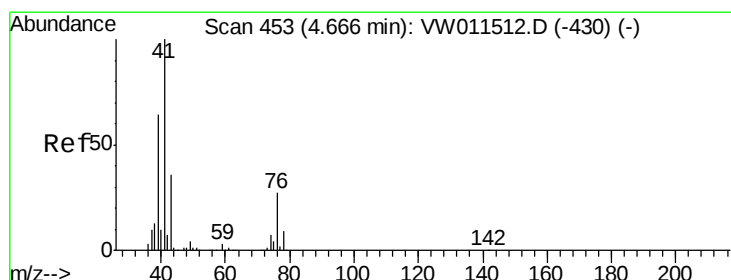
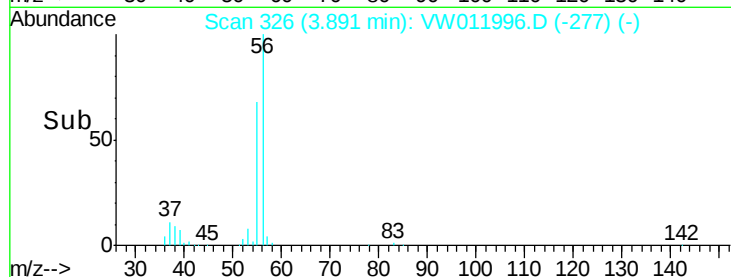
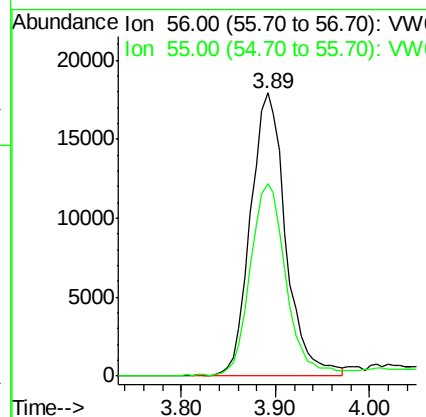
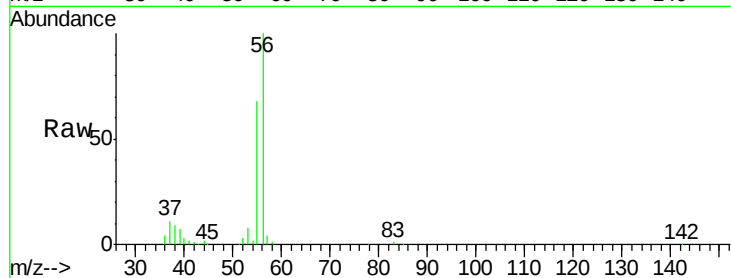
55 68.9 56.0 84.0

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#14

Allyl chloride

Concen: 50.848 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

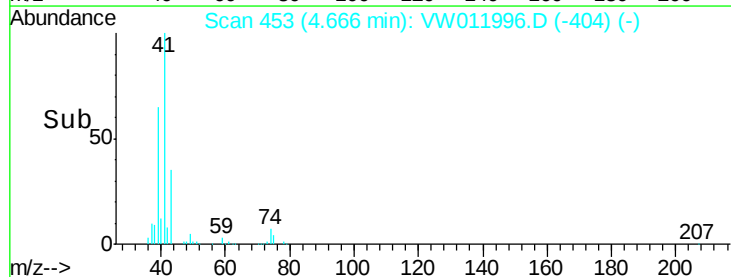
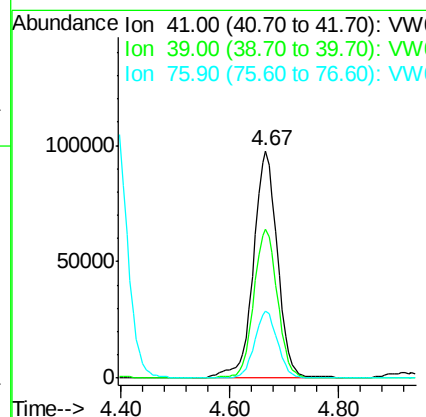
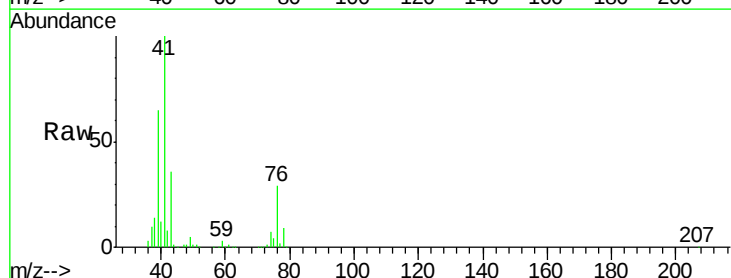
Tgt Ion: 41 Resp: 297918

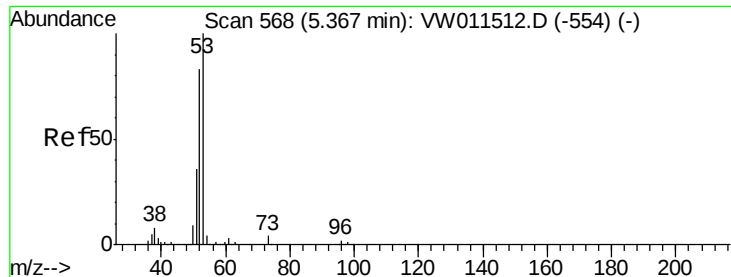
Ion Ratio Lower Upper

41 100

39 64.5 52.6 78.8

76 27.9 22.0 33.0





#15

Acrylonitrile

Concen: 253.347 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

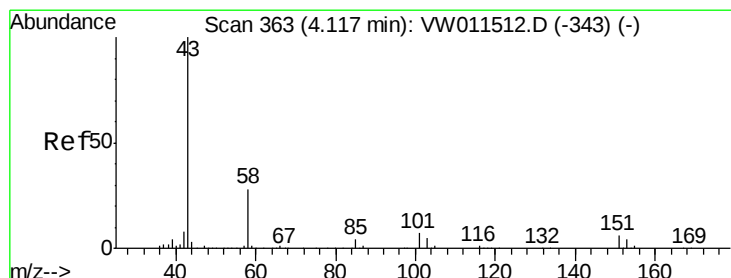
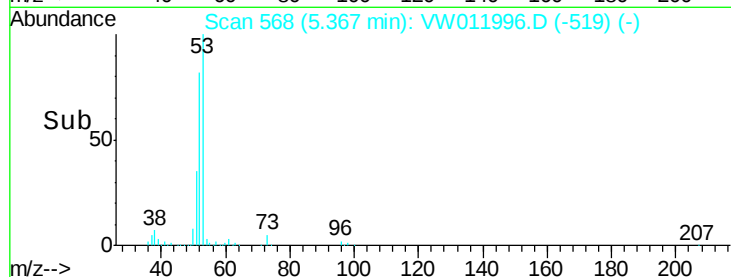
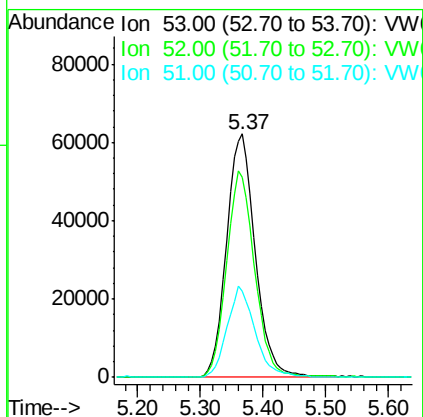
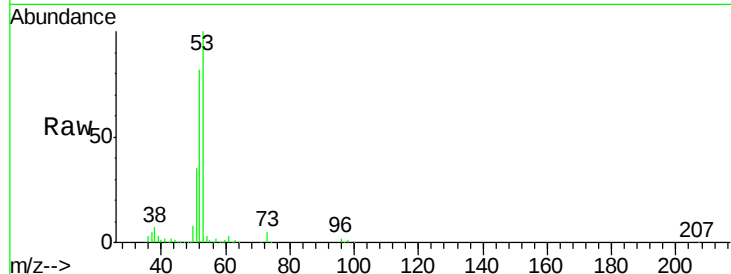
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	197214
Ion	Ratio	Lower	Upper
53	100		
52	82.6	67.2	100.8
51	36.5	30.0	45.0

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#16

Acetone

Concen: 227.958 ug/l

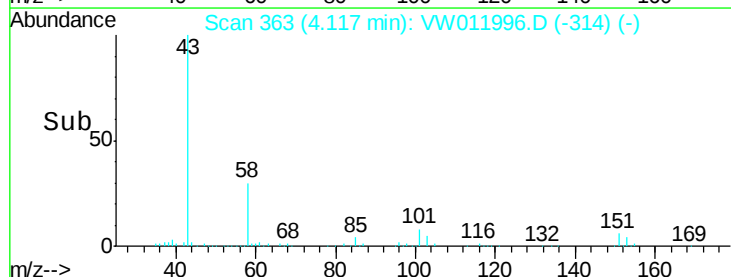
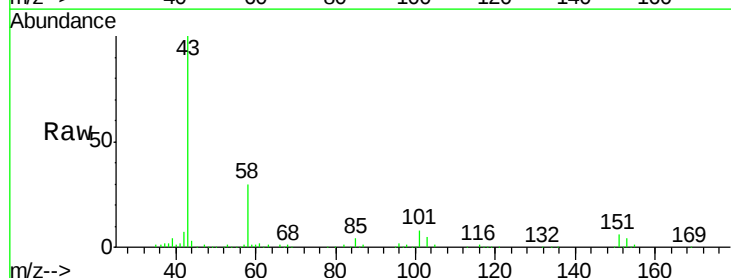
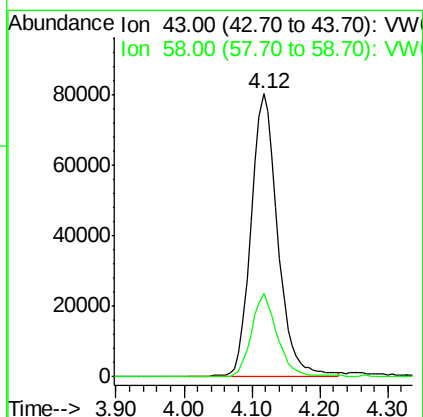
RT: 4.12 min Scan# 363

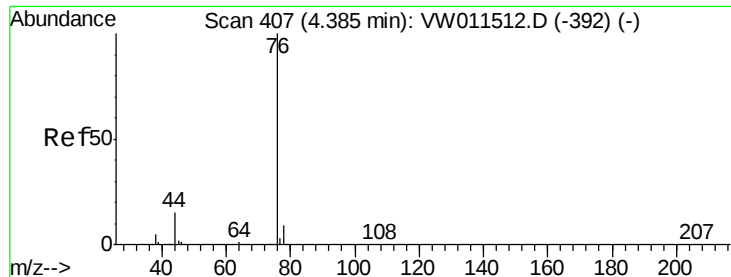
Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Tgt Ion:	43	Resp:	220242
Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.3	33.5





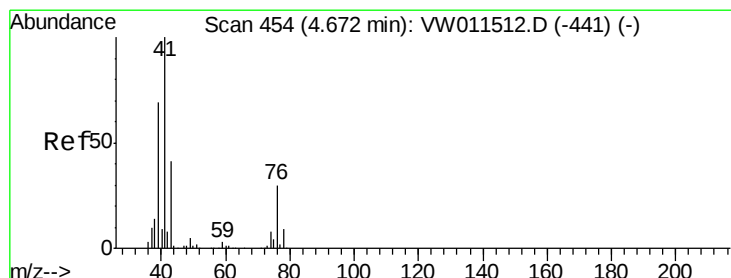
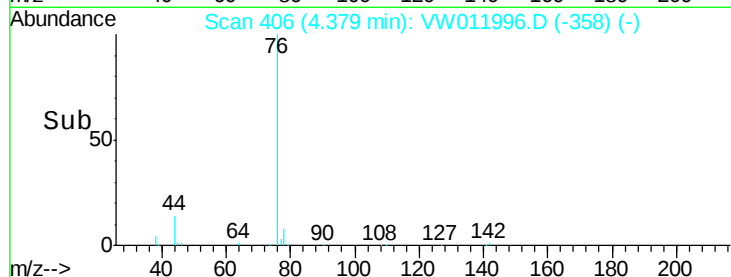
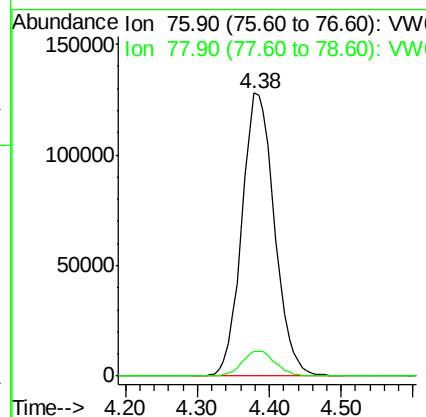
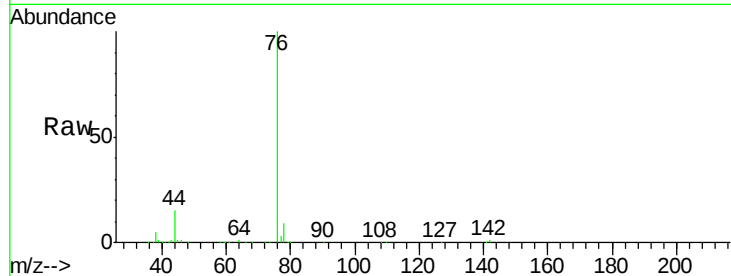
#17
Carbon Disulfide
Concen: 46.774 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

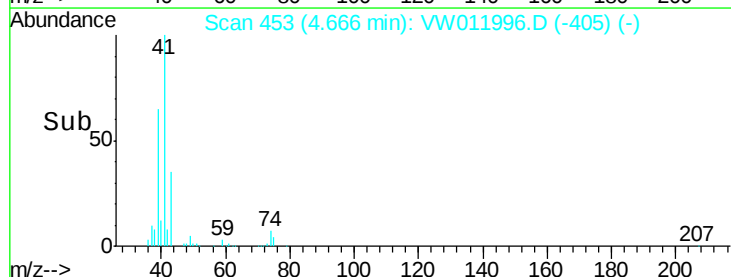
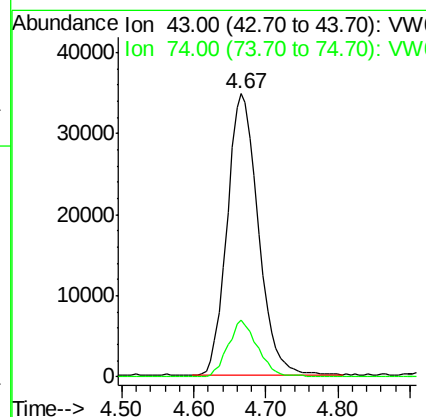
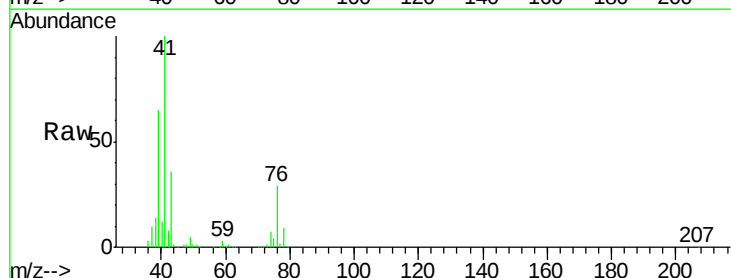
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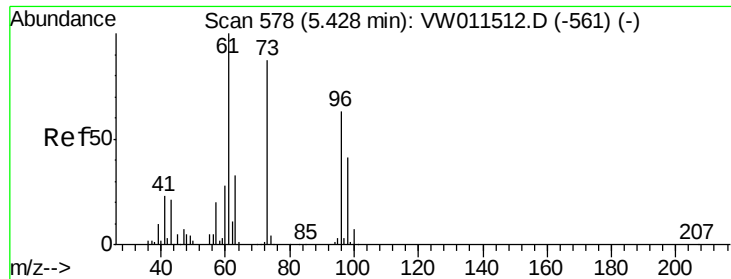
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#18
Methyl Acetate
Concen: 48.424 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.1	15.9	23.9





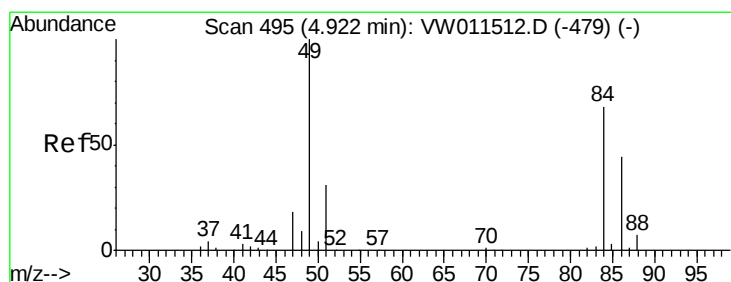
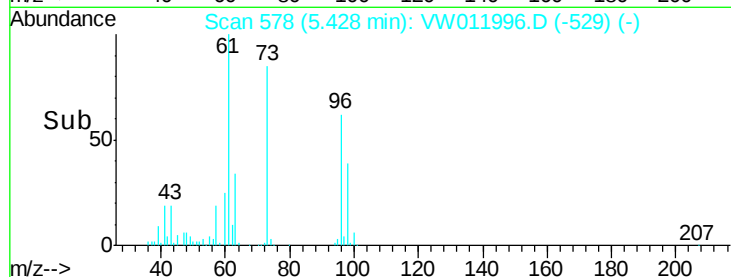
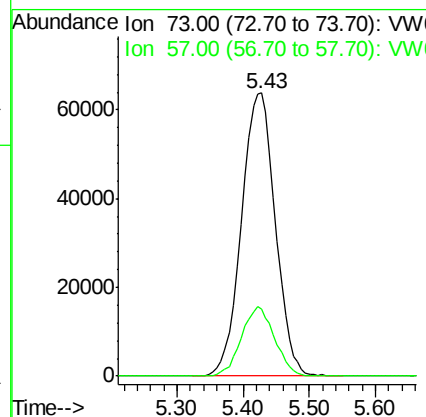
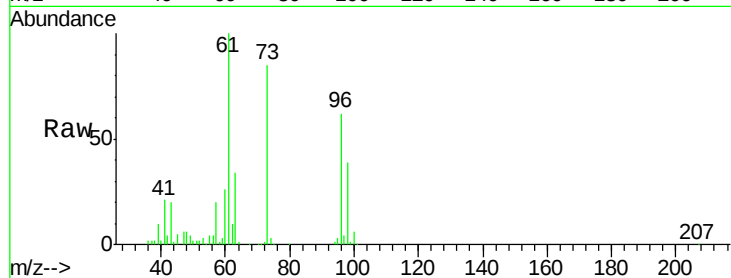
#19
Methyl tert-butyl Ether
Concen: 51.791 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 226401
Ion Ratio Lower Upper
73 100
57 23.7 18.4 27.6

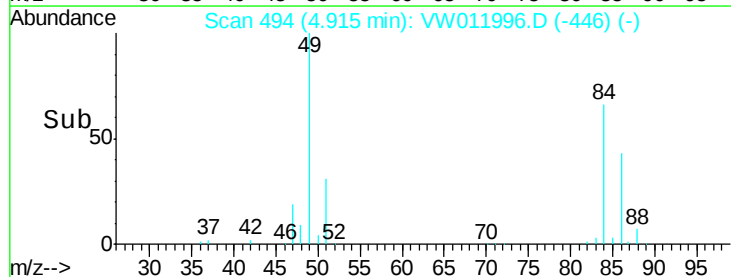
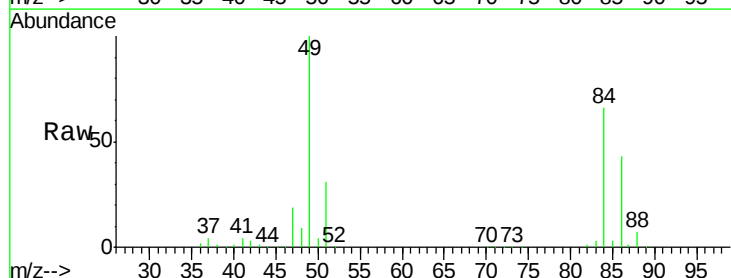
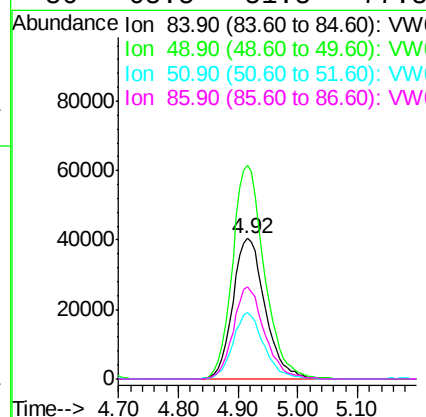
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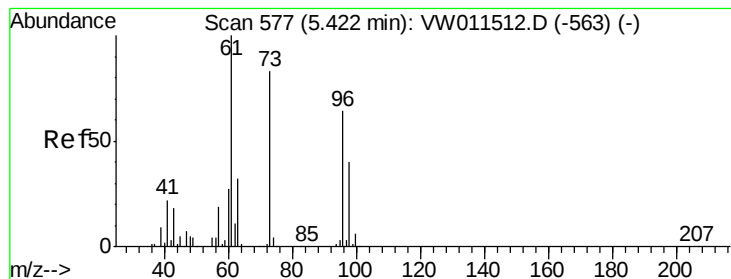
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#20
Methylene Chloride
Concen: 45.801 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion: 84 Resp: 152613
Ion Ratio Lower Upper
84 100
49 151.7 117.8 176.6
51 46.9 37.0 55.4
86 65.5 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 49.285 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 146373

Ion Ratio Lower Upper

96 100

61 164.4 125.7 188.5

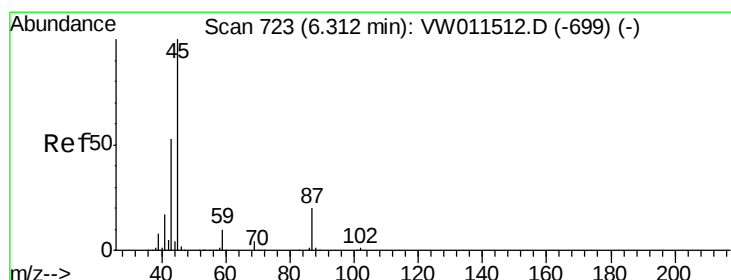
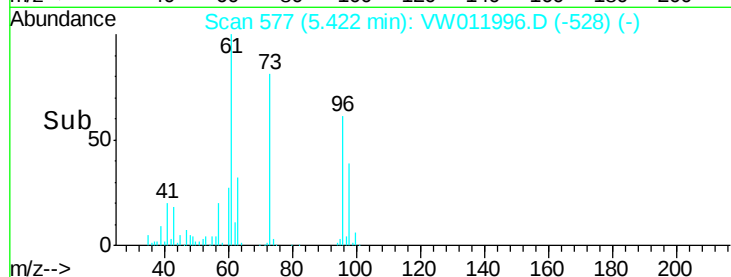
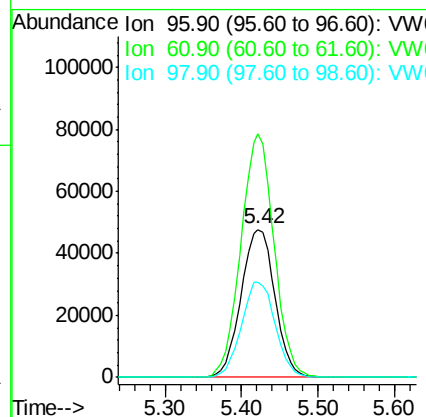
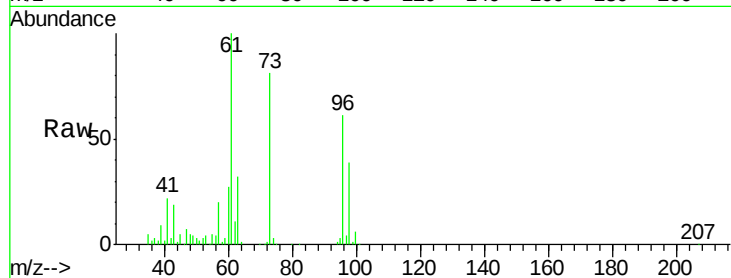
98 63.9 50.3 75.5

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#22

Diisopropyl ether

Concen: 51.023 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Tgt Ion: 45 Resp: 563621

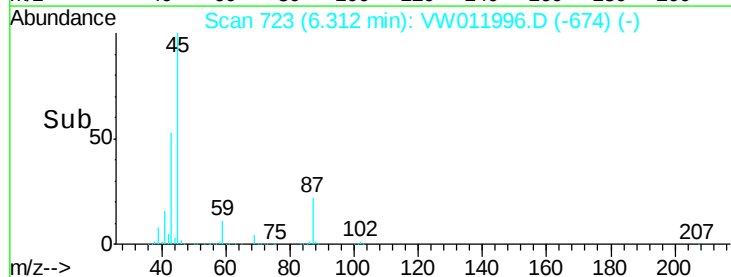
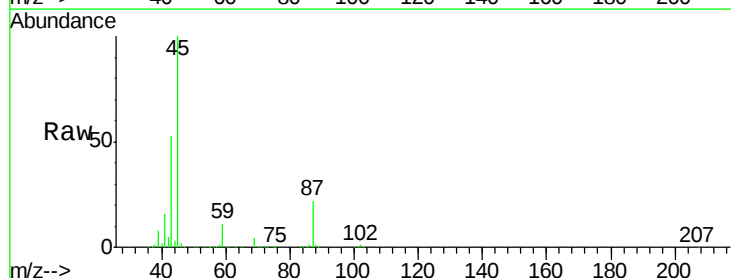
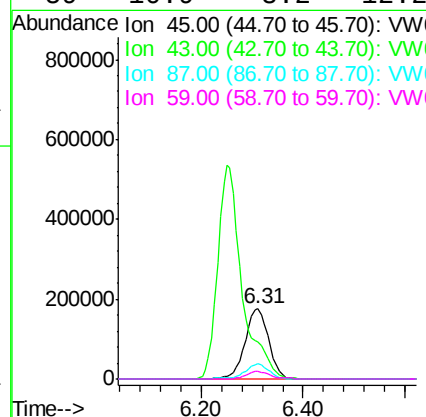
Ion Ratio Lower Upper

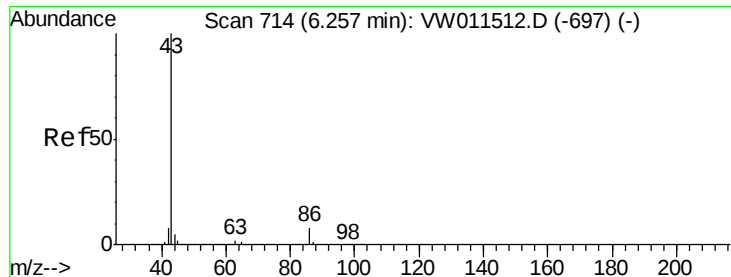
45 100

43 52.5 42.6 63.8

87 21.7 16.4 24.6

59 10.9 8.2 12.2





#23

Vinyl Acetate

Concen: 254.992 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1769924

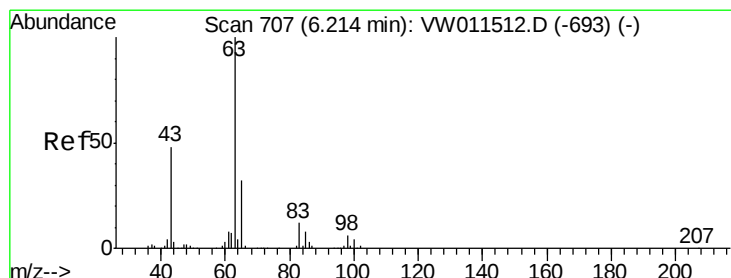
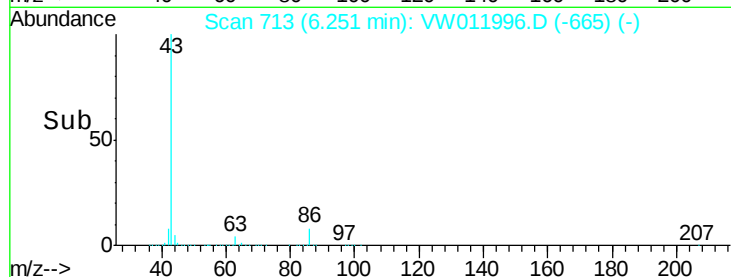
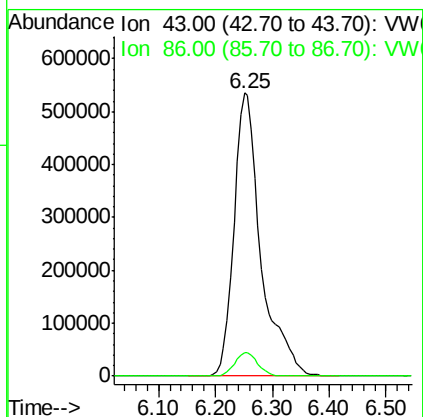
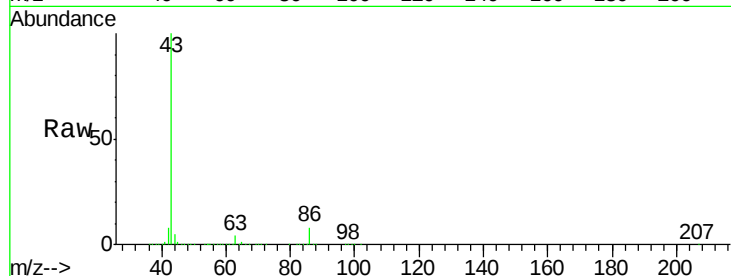
Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 49.987 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

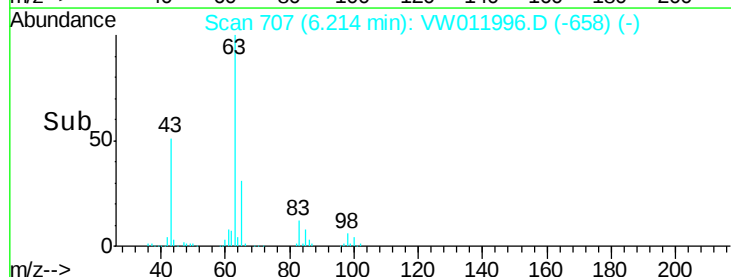
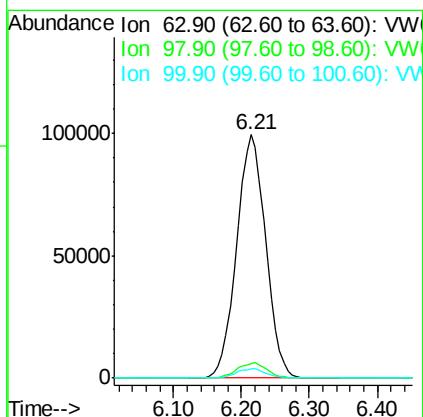
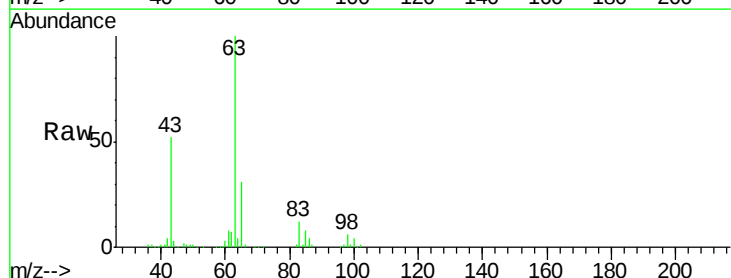
Tgt Ion: 63 Resp: 295727

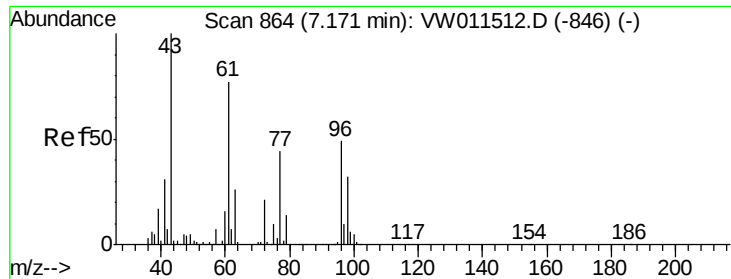
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 232.204 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 293561

Ion Ratio Lower Upper

43 100

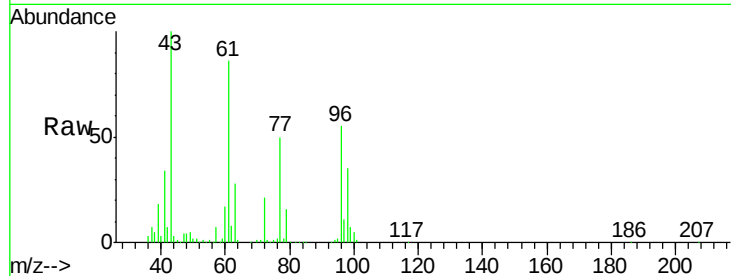
72 21.4 16.6 24.8

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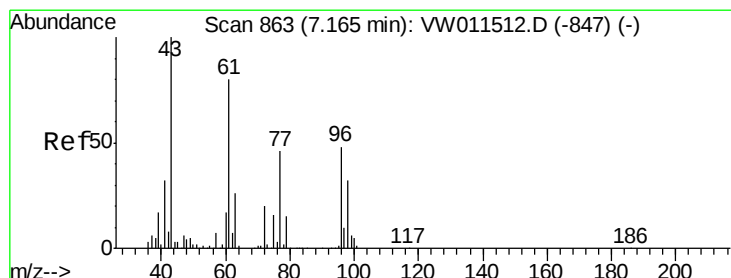
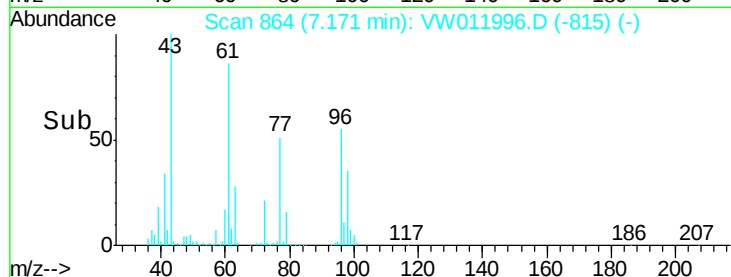
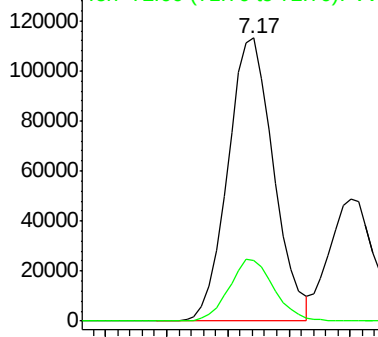
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 46.885 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011996.D

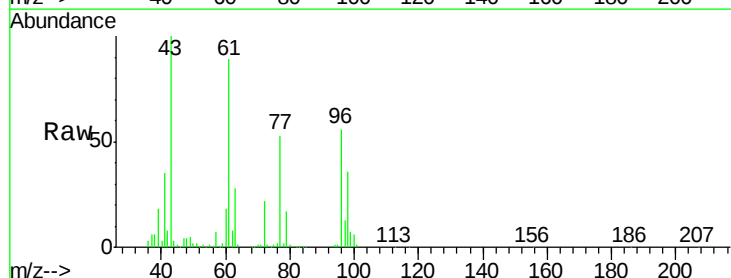
Acq: 19 Aug 2019 17:52

Tgt Ion: 77 Resp: 170585

Ion Ratio Lower Upper

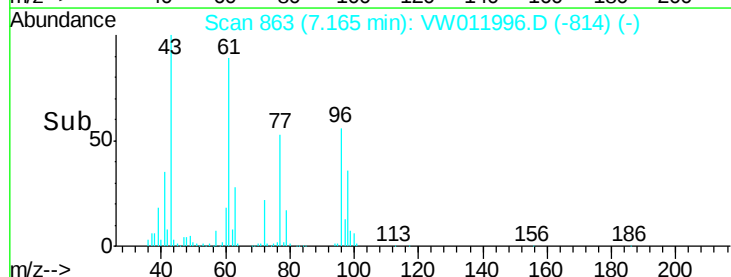
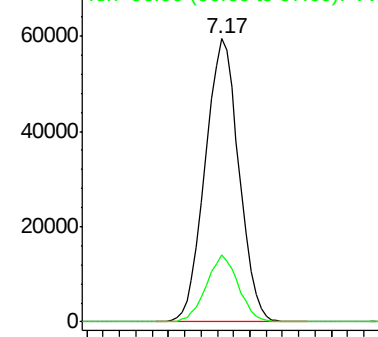
77 100

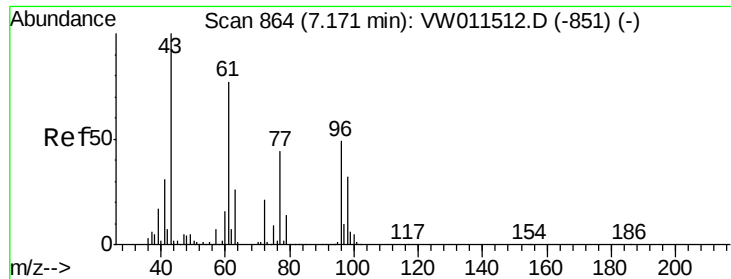
97 22.5 10.8 32.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

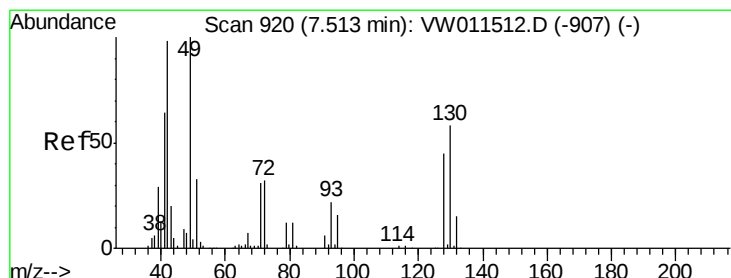
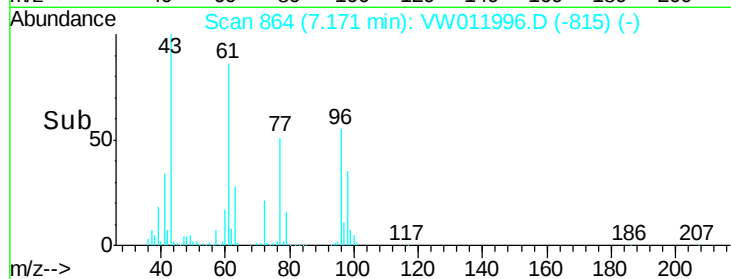
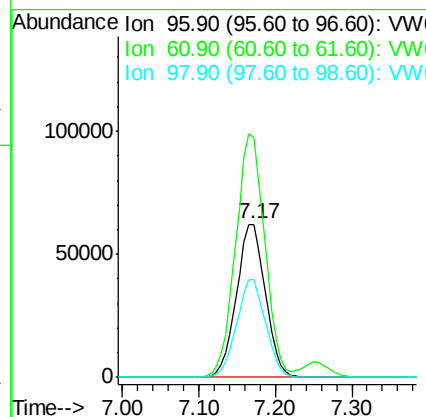
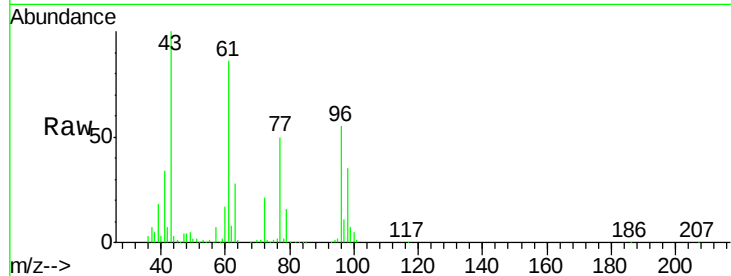
cis-1,2-Dichloroethene
 Concen: 49.912 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163145		
61	160.1	0.0	328.4	
98	64.1	0.0	128.8	

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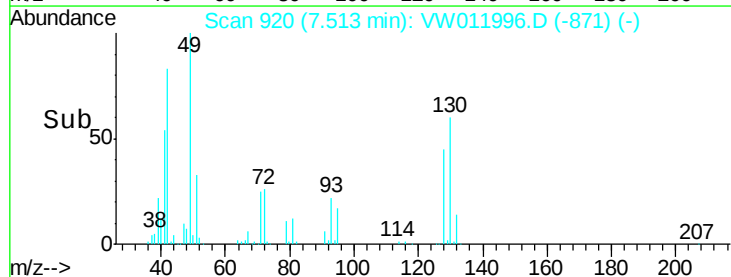
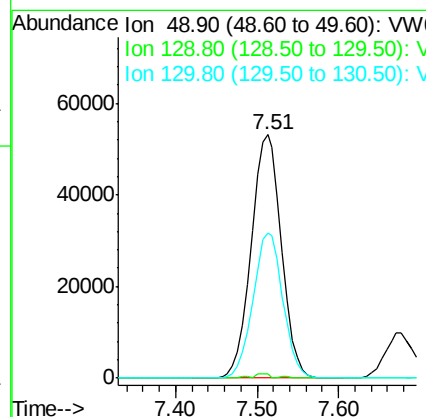
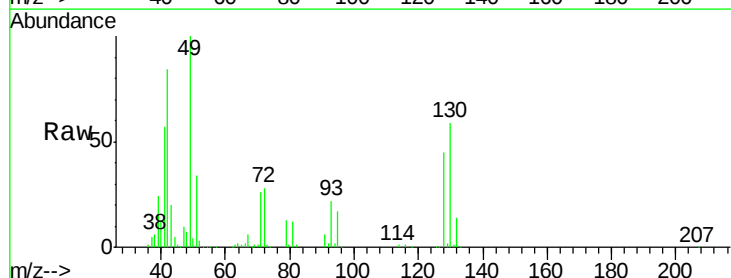
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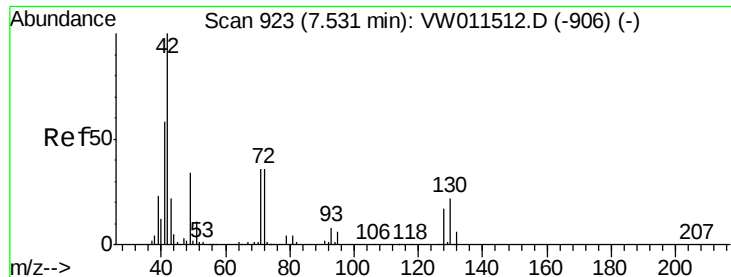


#28

Bromochloromethane
 Concen: 52.183 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	137030		
129	0.9	0.0	1.0	
130	59.0	46.3	69.5	





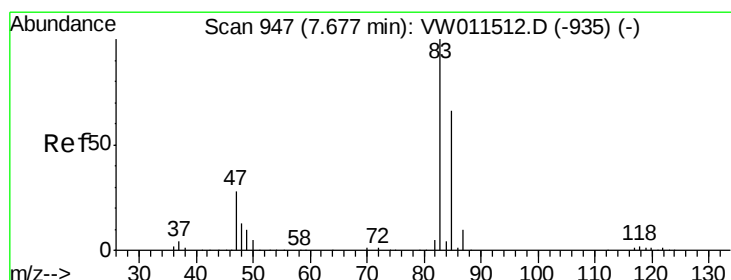
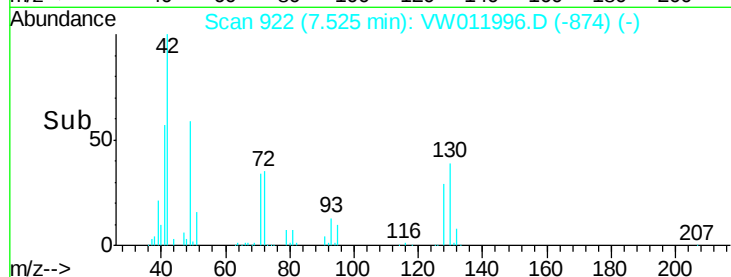
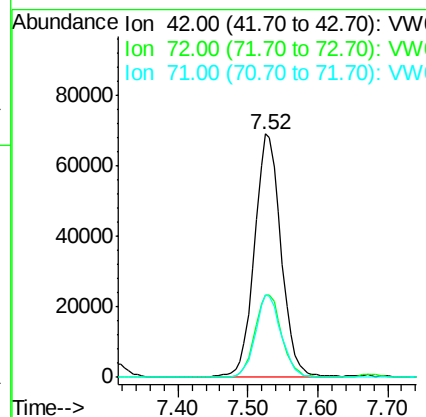
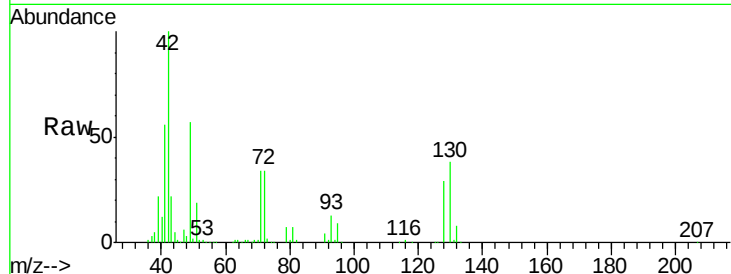
#29
Tetrahydrofuran
Concen: 252.576 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	182524
Ion Ratio		Lower	Upper
42	100		
72	34.0	27.1	40.7
71	32.6	26.2	39.4

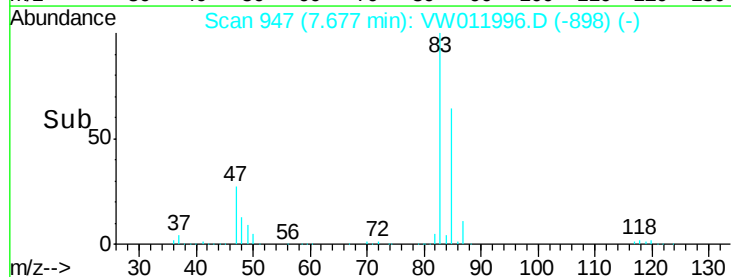
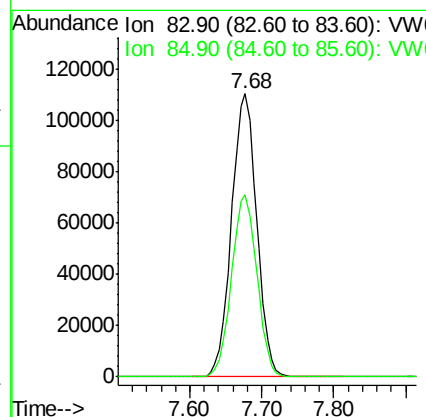
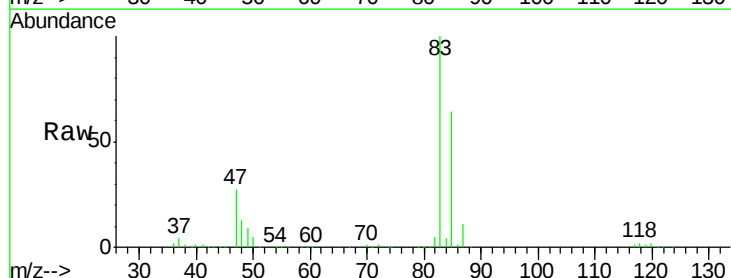
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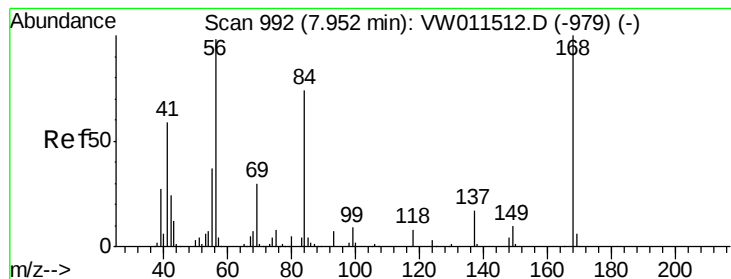
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#30
Chloroform
Concen: 49.268 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion:	83	Resp:	268906
Ion Ratio		Lower	Upper
83	100		
85	64.2	52.5	78.7





#31

Cyclohexane

Concen: 48.400 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

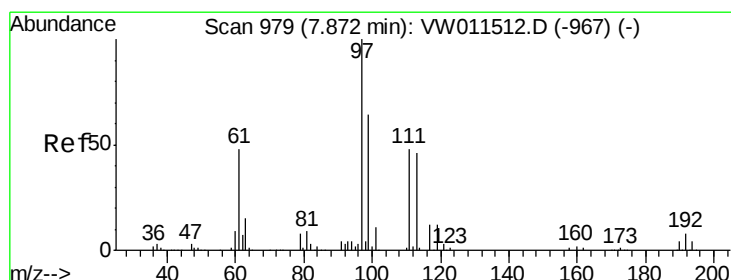
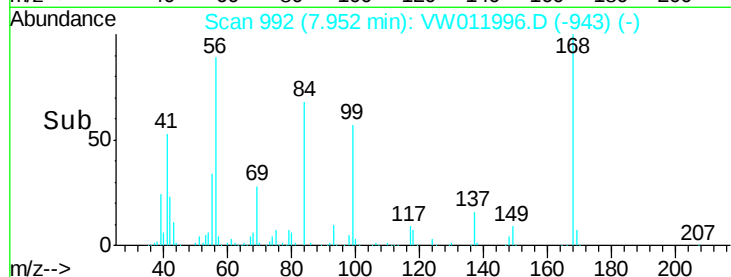
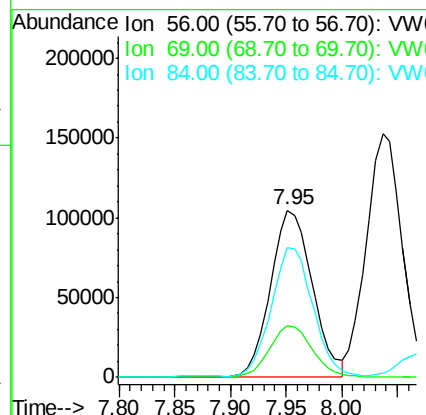
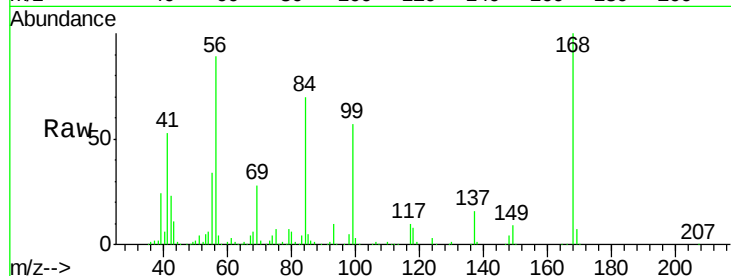
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	274862
Ion Ratio	Lower	Upper	
56	100		
69	30.8	24.3	36.5
84	76.5	60.4	90.6

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#32

1,1,1-Trichloroethane

Concen: 51.956 ug/l

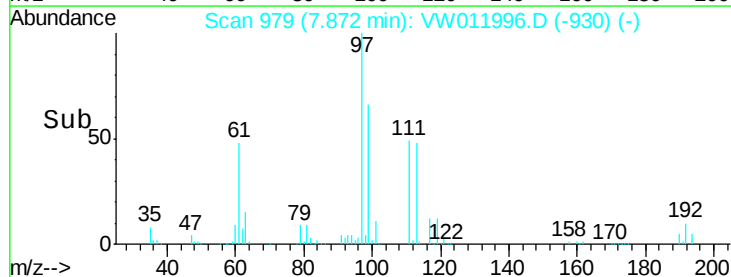
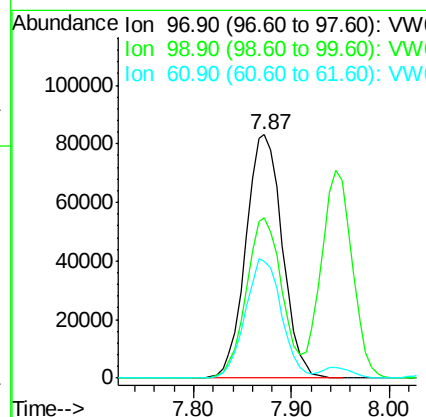
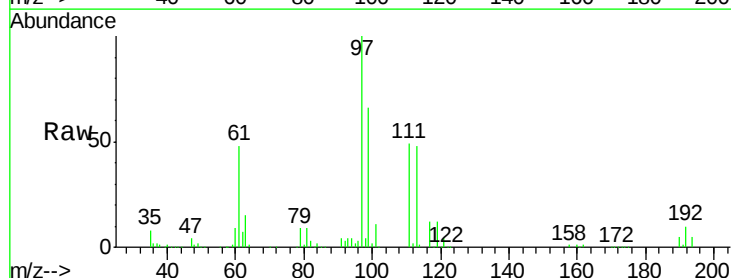
RT: 7.87 min Scan# 979

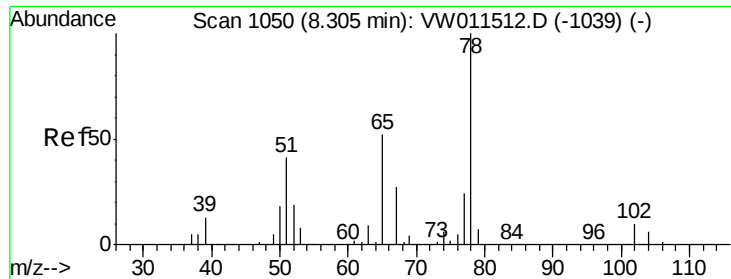
Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Tgt Ion:	97	Resp:	215964
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.0	76.6
61	48.4	39.8	59.6





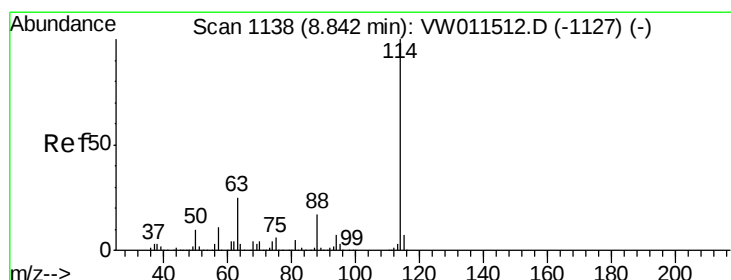
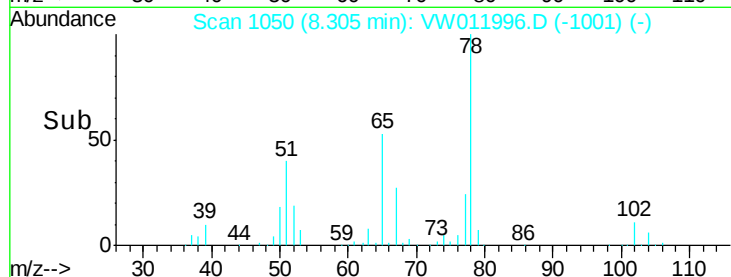
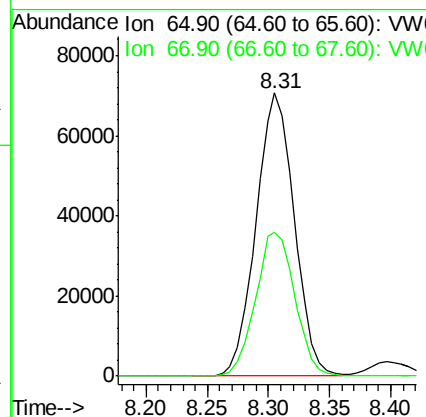
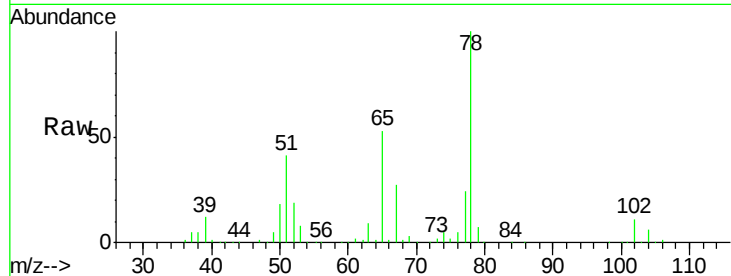
#33
 1,2-Dichloroethane-d4
 Concen: 50.665 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	153884		
67	52.2	0.0	105.2	

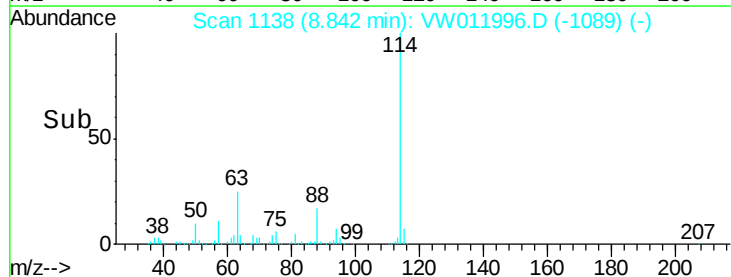
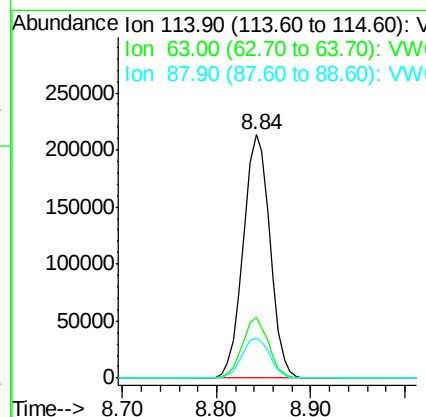
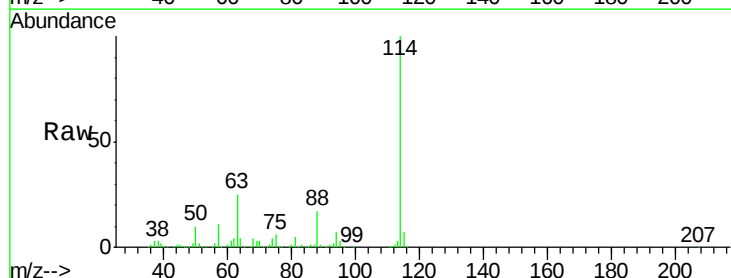
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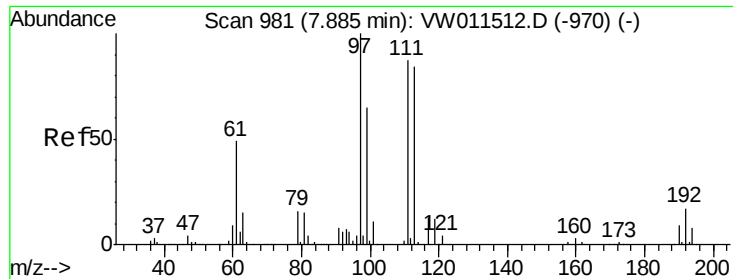
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	423559		
63	24.7	0.0	49.2	
88	16.6	0.0	33.8	





#35

Dibromofluoromethane

Concen: 53.894 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

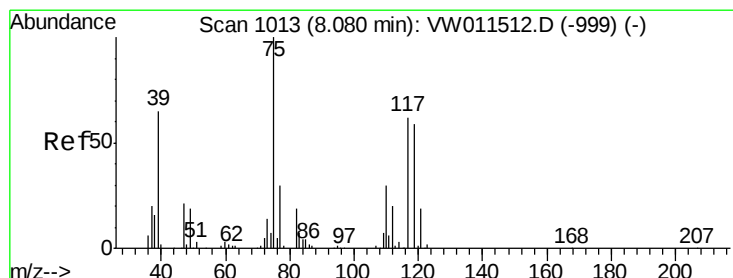
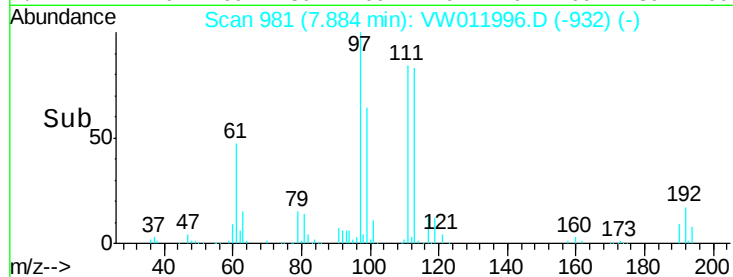
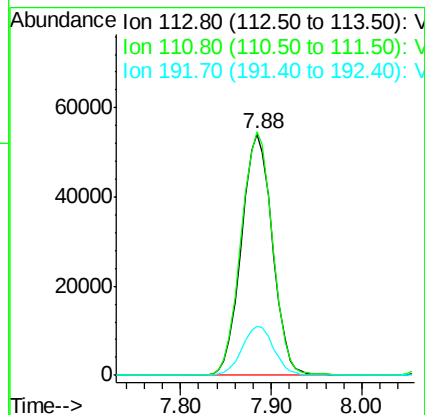
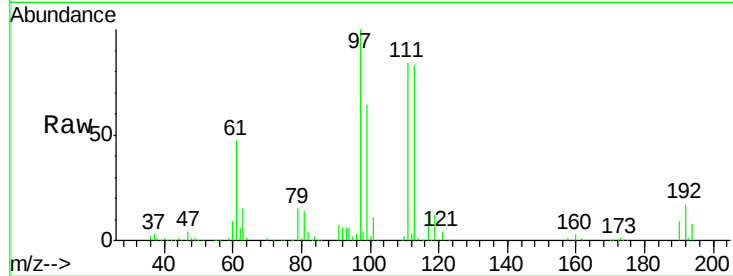
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	128065
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.7	124.1
192	20.7	16.1	24.1

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#36

1,1-Dichloropropene

Concen: 51.717 ug/l

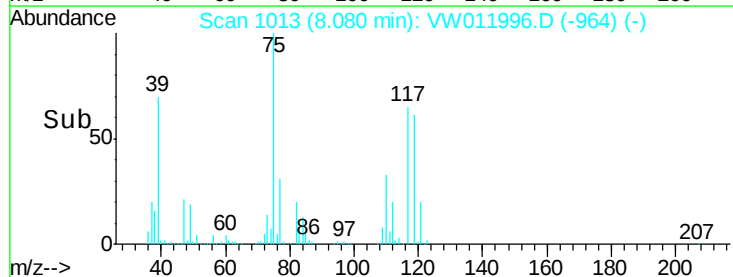
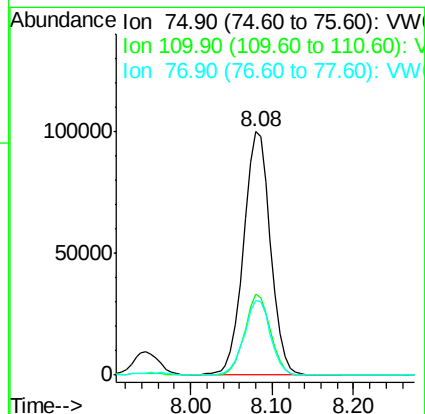
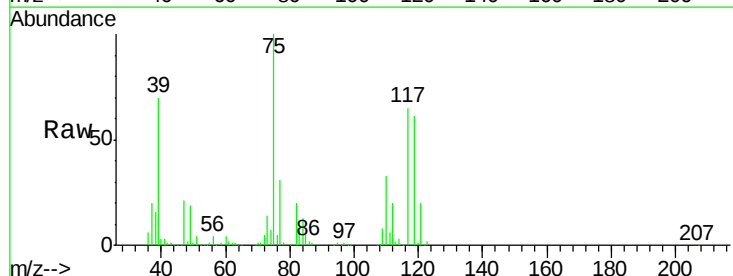
RT: 8.08 min Scan# 1013

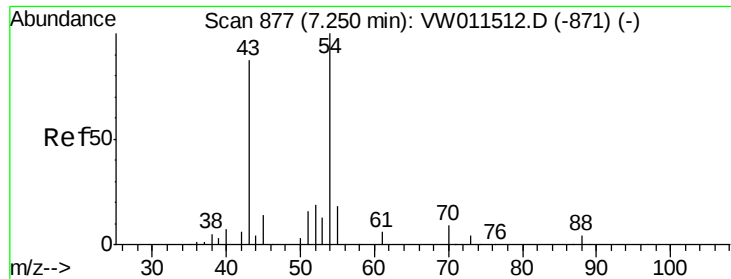
Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Tgt Ion:	75	Resp:	227773
Ion Ratio	Lower	Upper	
75	100		
110	31.9	15.6	46.8
77	30.6	24.3	36.5





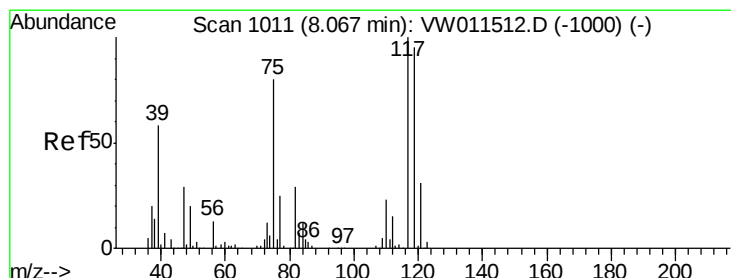
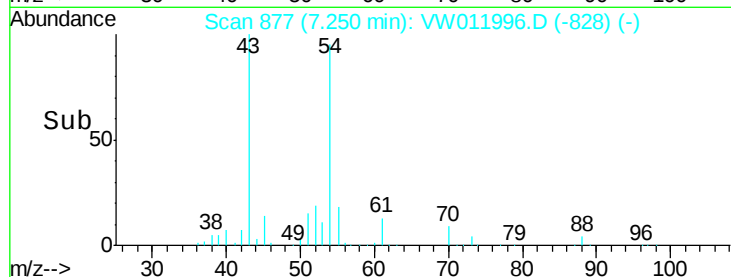
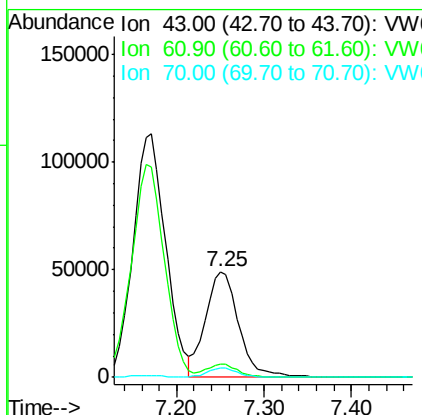
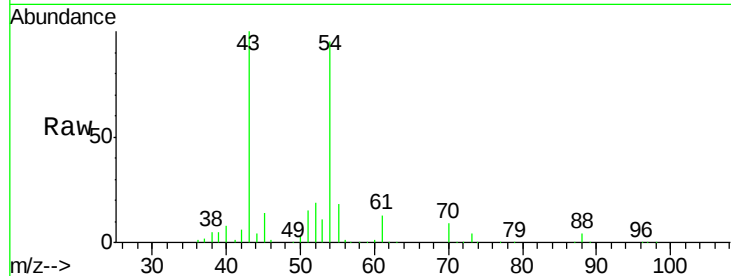
#37
Ethyl Acetate
Concen: 50.297 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	127446		
61	12.2		8.8	13.2
70	8.5		7.1	10.7

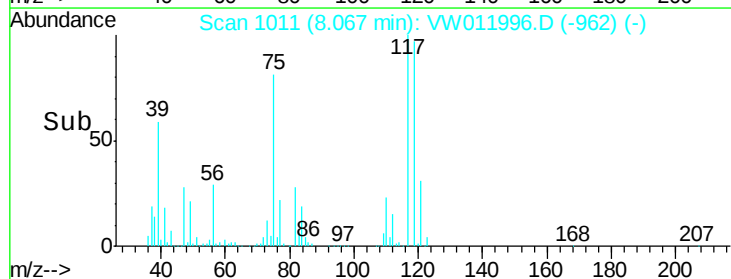
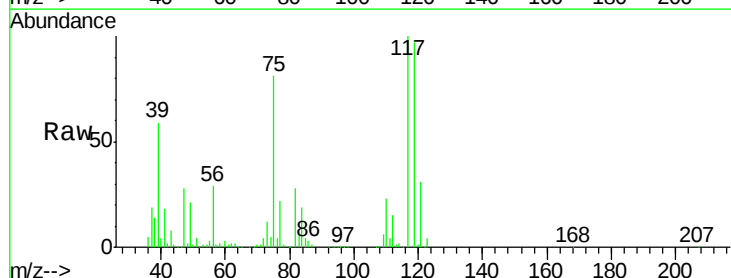
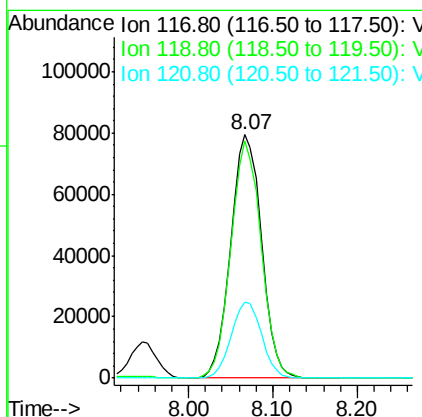
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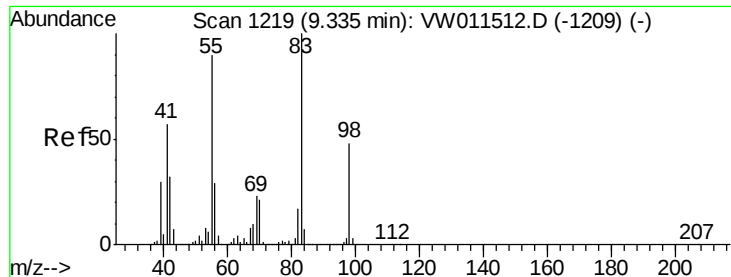
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#38
Carbon Tetrachloride
Concen: 52.069 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	196319		
119	97.4		75.8	113.6
121	30.9		24.7	37.1





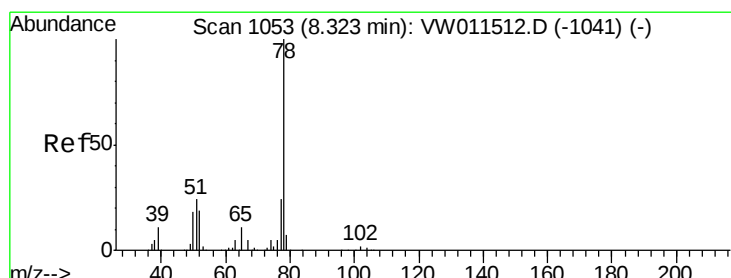
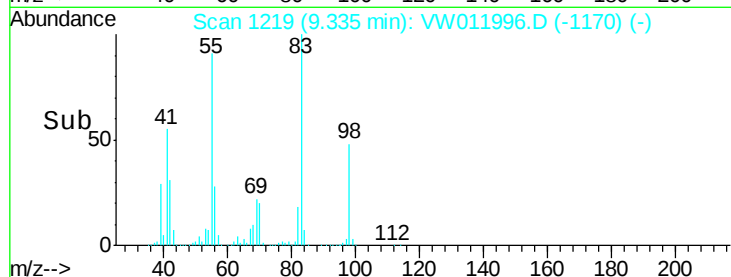
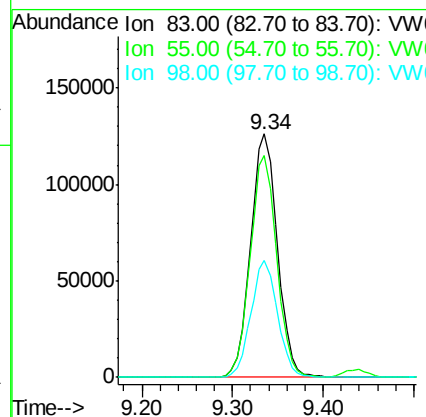
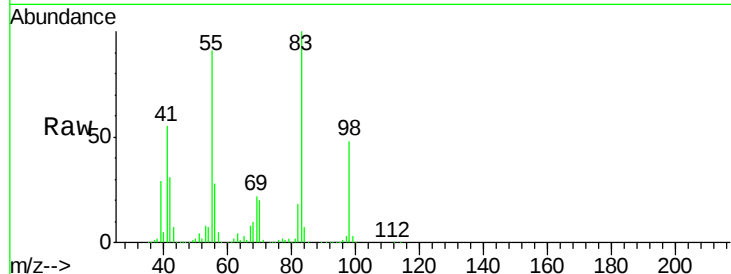
#39
Methvlcvclohexane
Concen: 53.200 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	91.3	72.1	108.1
98	48.0	38.6	57.8

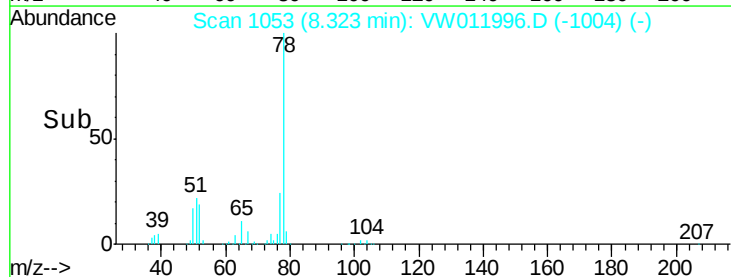
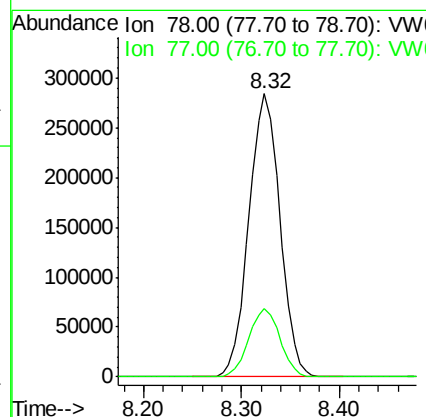
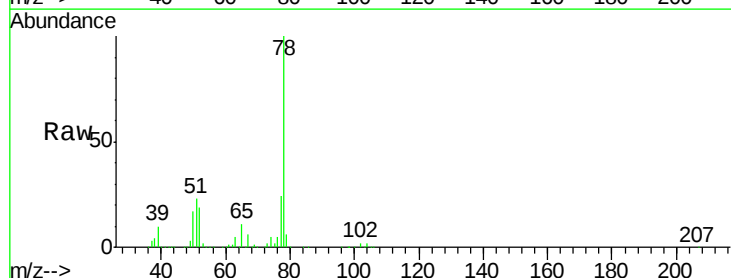
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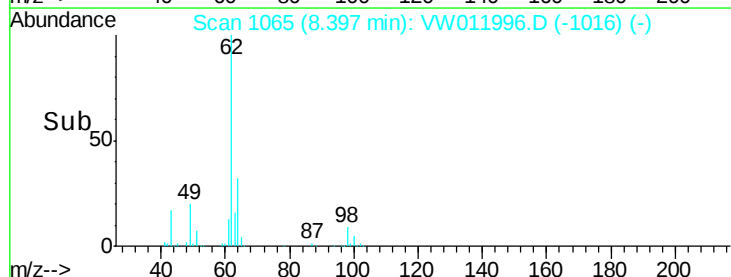
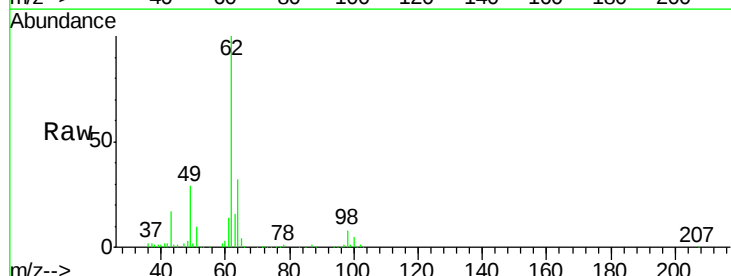
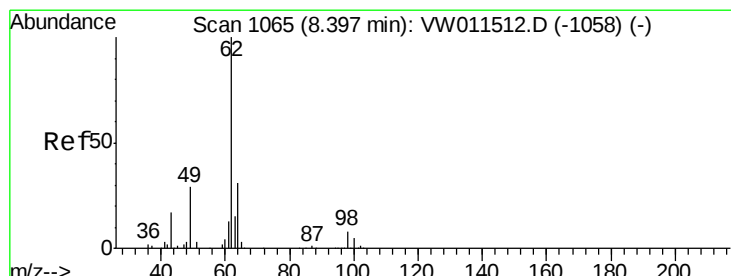
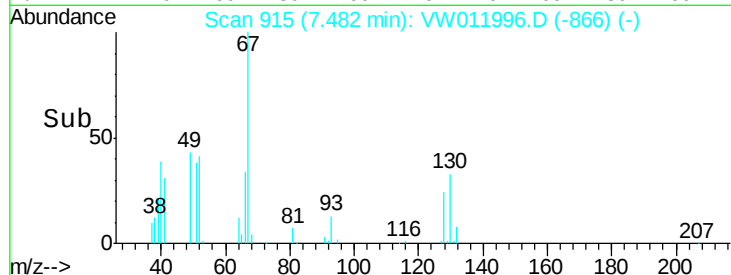
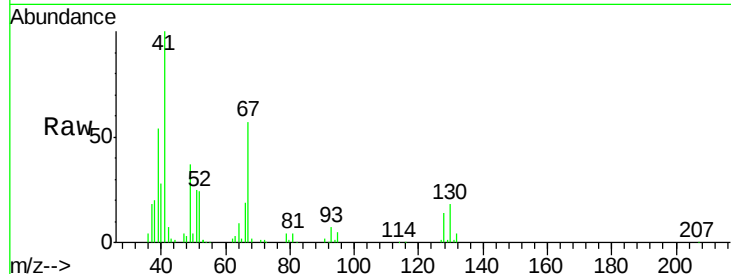
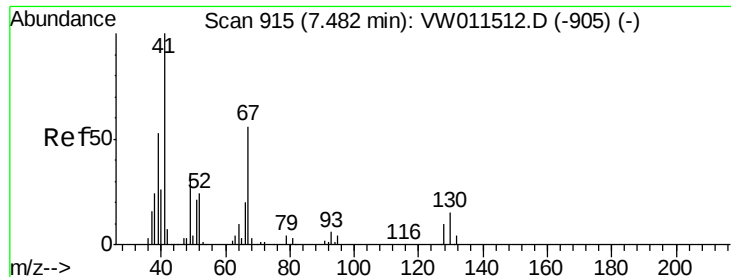
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#40
Benzene
Concen: 50.916 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

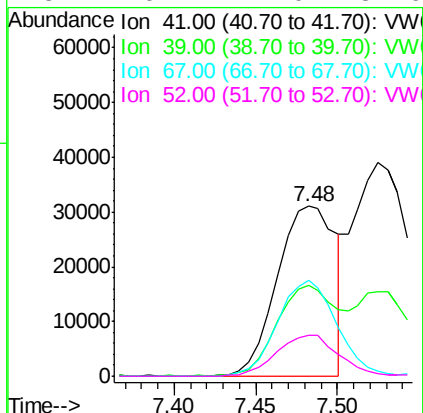
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





#41
Methacrylonitrile
Concen: 50.722 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		76828		
39	57.5	43.0	64.4		
67	58.0	47.5	71.3		
52	26.1	21.0	31.6		



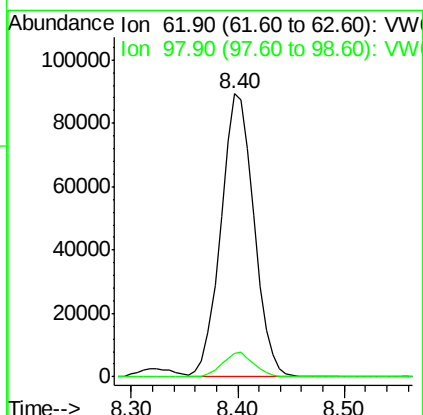
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

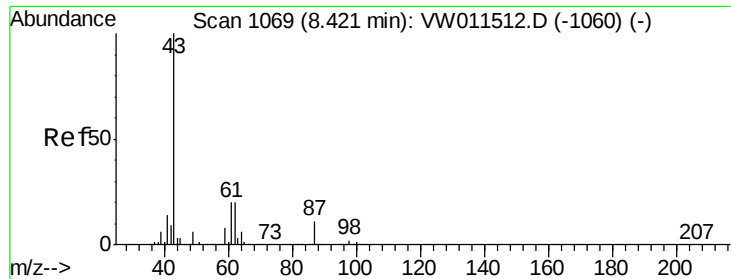
Manual Integrations
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8/20/2019 9:55:47 AM

#42
1,2-Dichloroethane
Concen: 50.236 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		194033		
98	8.4	0.0	16.8		





#43

Isopropyl Acetate

Concen: 51.647 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

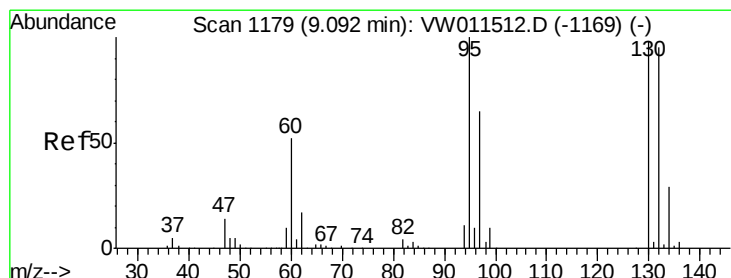
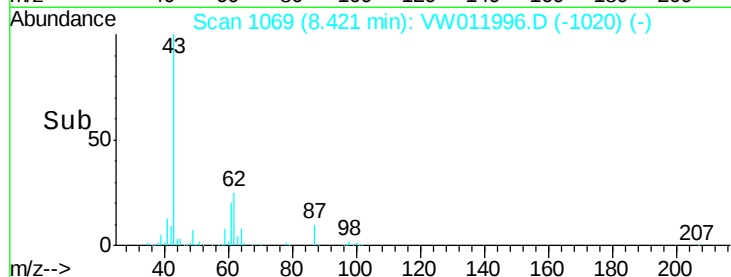
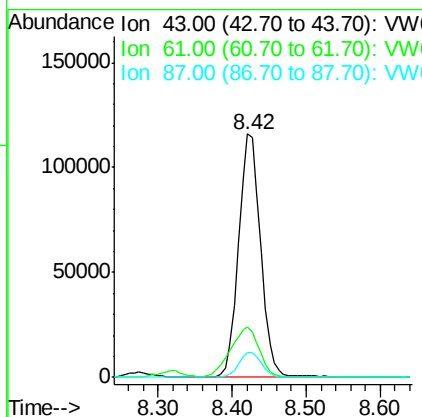
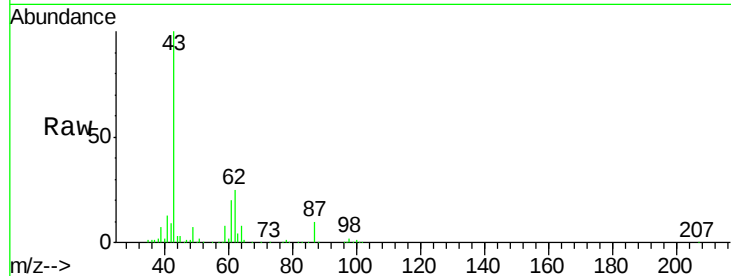
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	240673
Ion	Ratio	Lower	Upper
43	100		
61	26.8	21.5	32.3
87	10.5	8.4	12.6

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#44

Trichloroethene

Concen: 52.539 ug/l

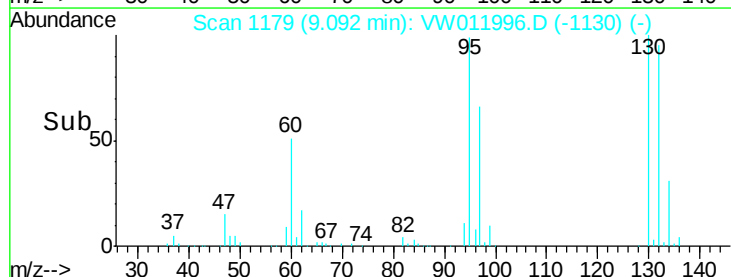
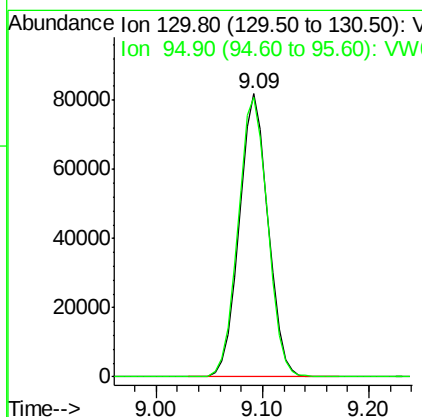
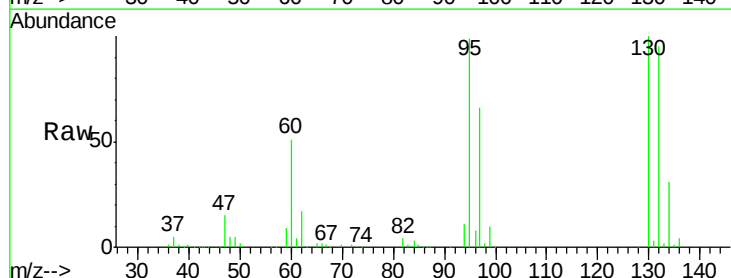
RT: 9.09 min Scan# 1179

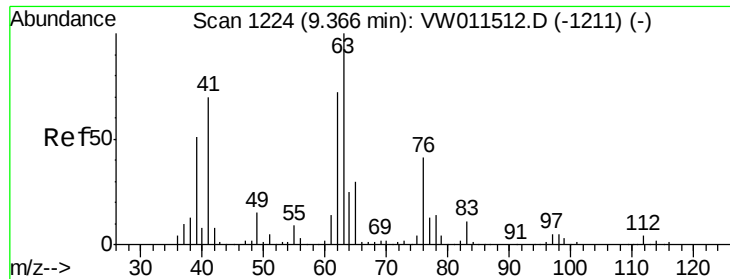
Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Tgt Ion:	130	Resp:	155782
Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	204.8





#45

1,2-Dichloropropane

Concen: 51.648 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 170481

Ion Ratio Lower Upper

63 100

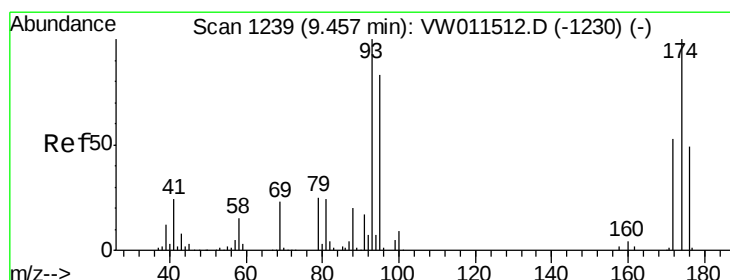
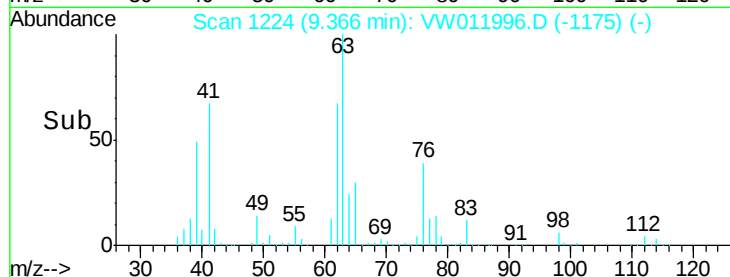
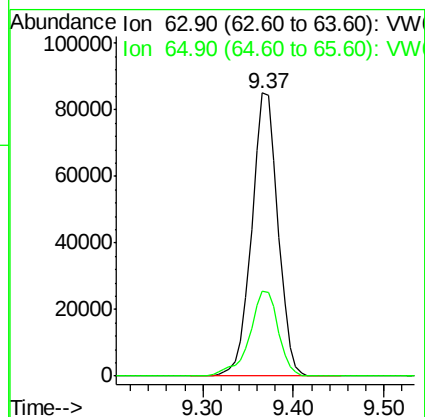
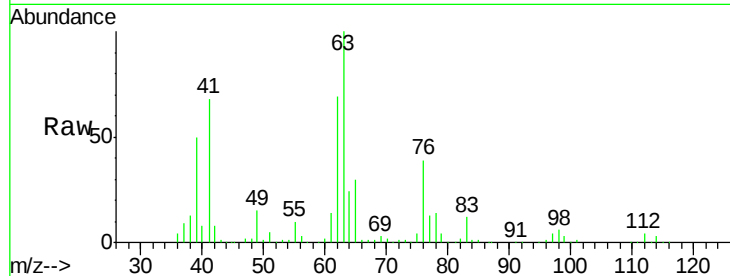
65 30.1 24.2 36.4

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#46

Dibromomethane

Concen: 50.804 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

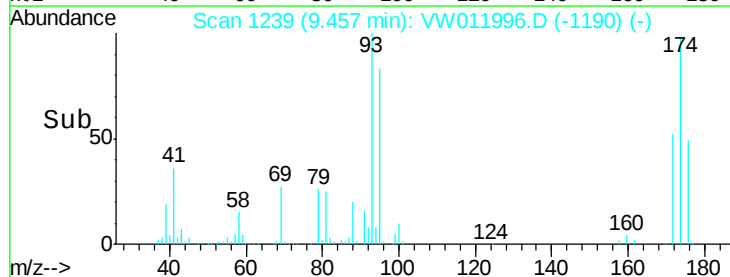
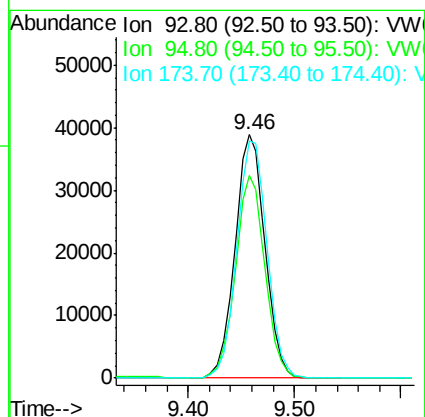
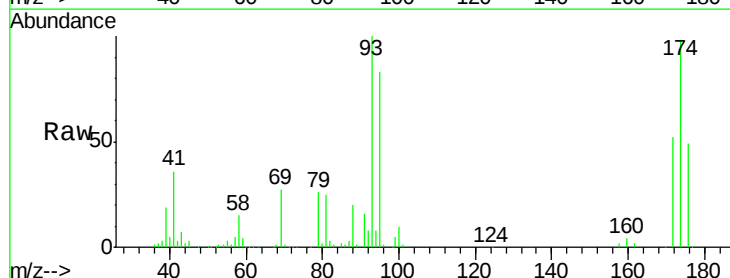
Tgt Ion: 93 Resp: 76539

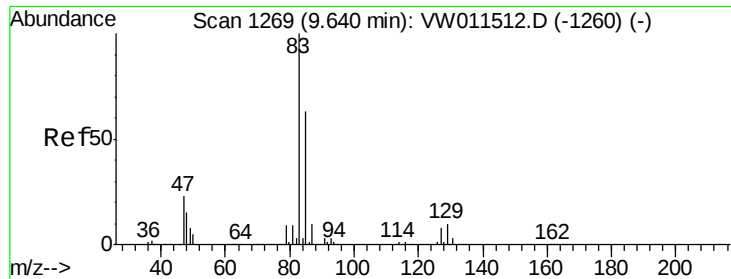
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.2

174 98.8 78.2 117.4





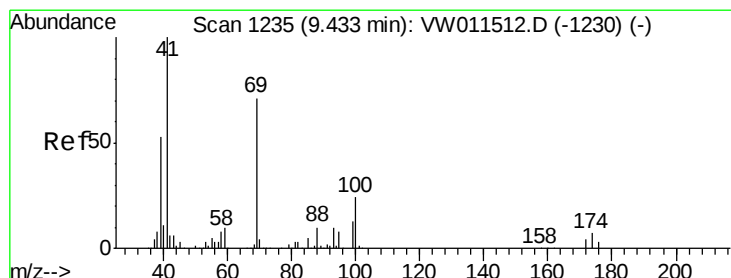
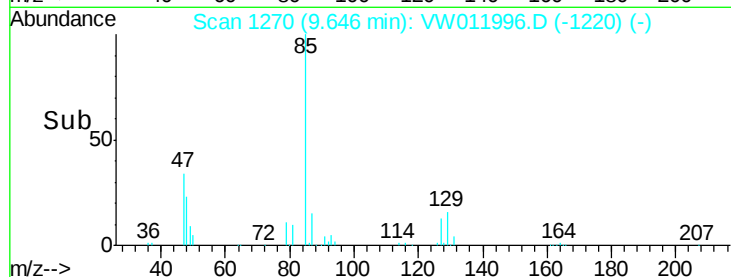
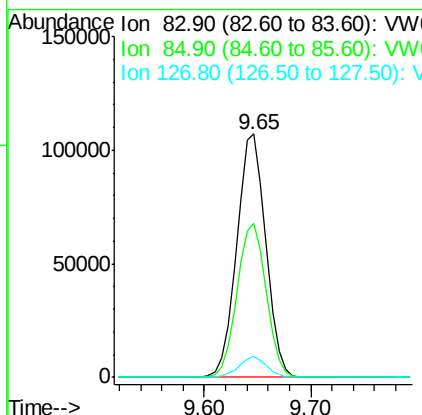
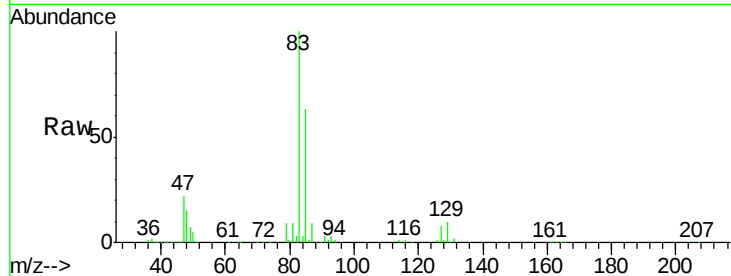
#47
Bromodichloromethane
Concen: 51.999 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	205494		
85	63.2		50.5	75.7
127	8.3		6.4	9.6

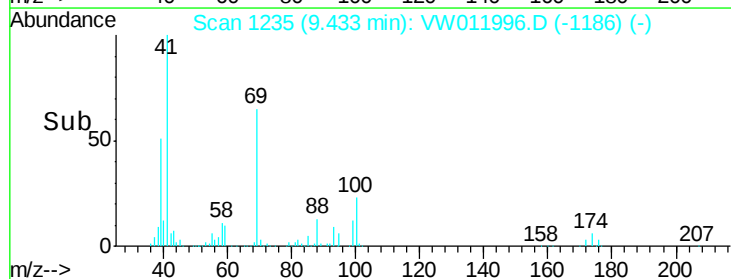
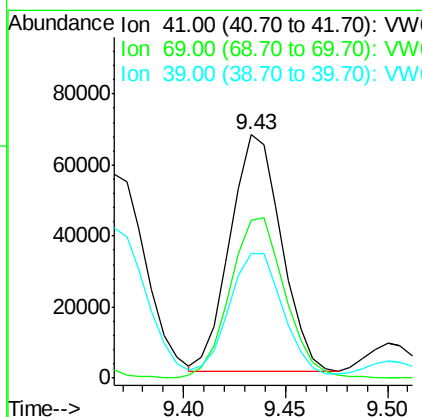
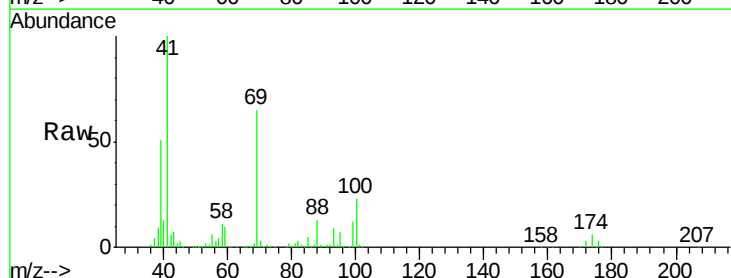
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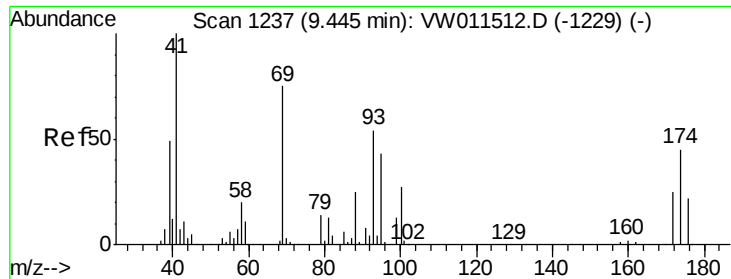
MMDadoda
8/20/2019 9:55:47 AM



#48
Methyl methacrylate
Concen: 52.027 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	116462		
69	73.3		57.1	85.7
39	56.4		45.4	68.2





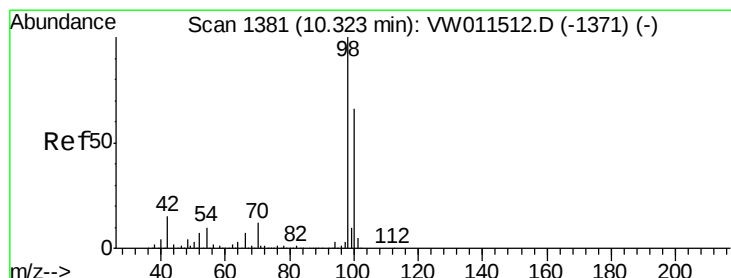
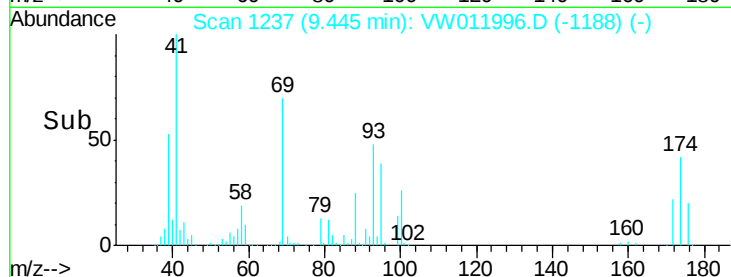
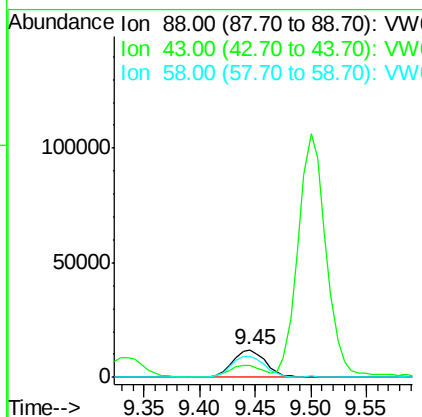
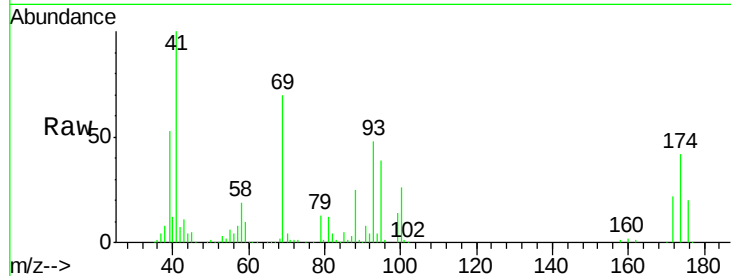
#49
1,4-Dioxane
Concen: 1139.262 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	88	Resp	24852
Ion	Ratio	Lower	Upper
88	100		
43	41.4	34.0	51.0
58	80.4	69.7	104.5

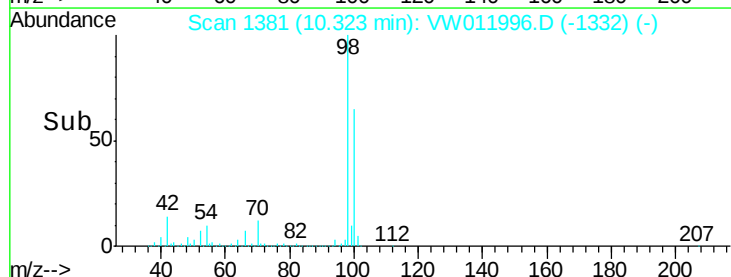
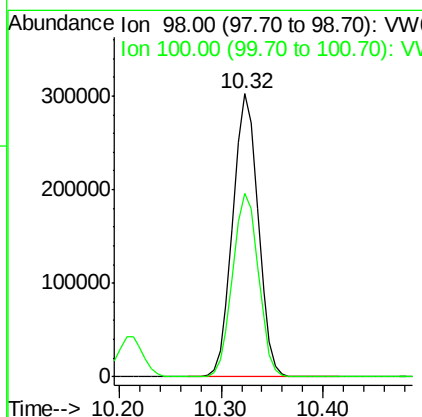
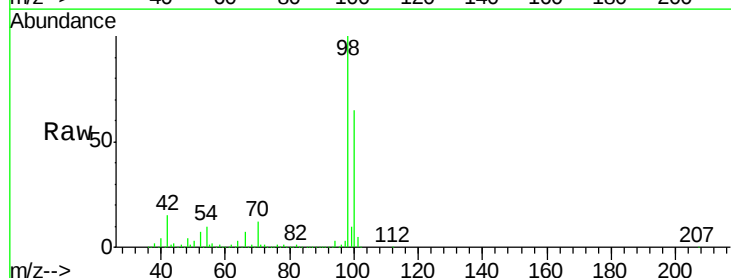
Manual Integrations
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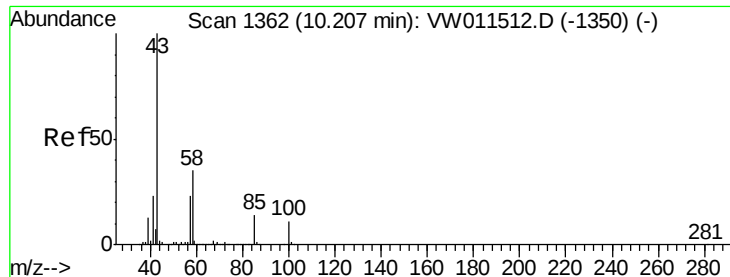
MMDadoda
8/20/2019 9:55:47 AM



#50
Toluene-d8
Concen: 53.385 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	98	Resp	519389
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 256.576 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 621912

Ion Ratio Lower Upper

43 100

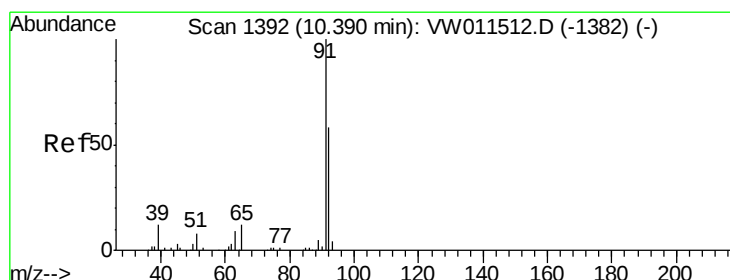
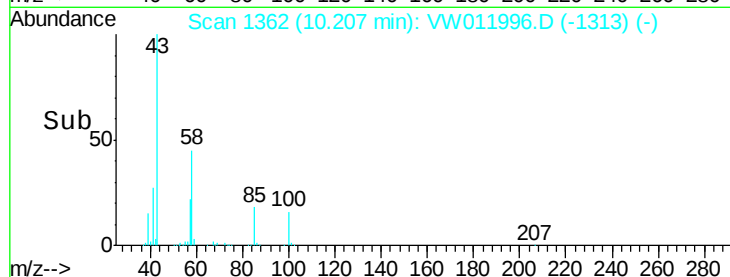
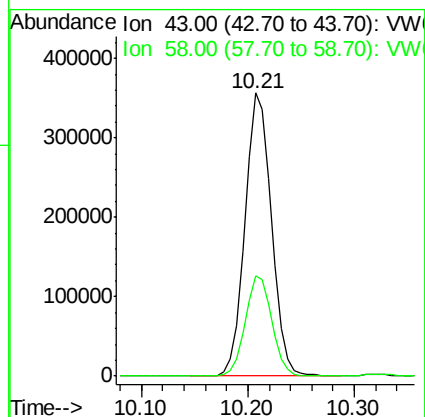
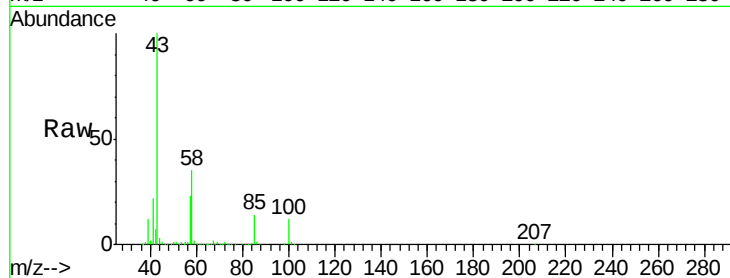
58 35.8 28.2 42.2

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MMDadoda

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#52

Toluene

Concen: 51.616 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011996.D

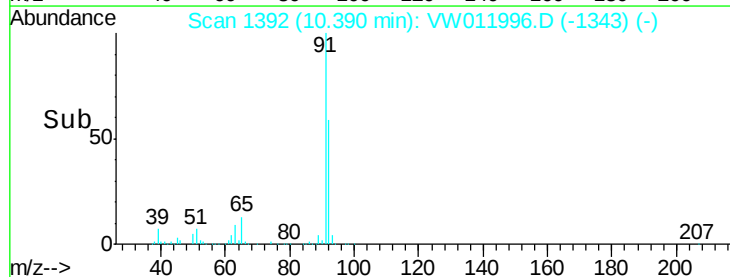
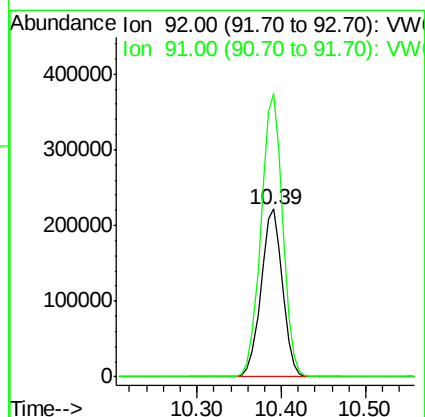
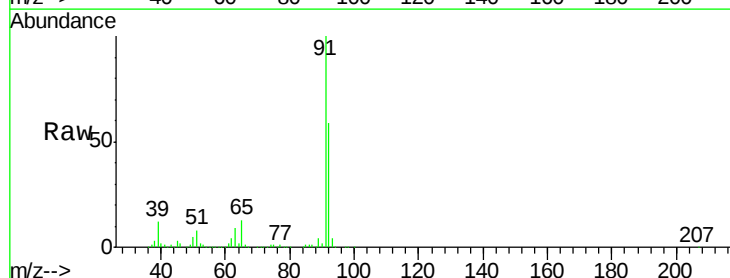
Acq: 19 Aug 2019 17:52

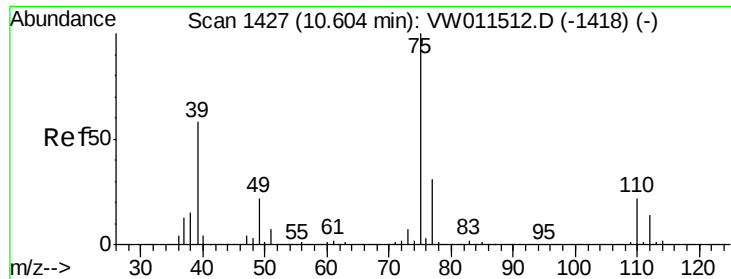
Tgt Ion: 92 Resp: 384537

Ion Ratio Lower Upper

92 100

91 170.6 136.7 205.1





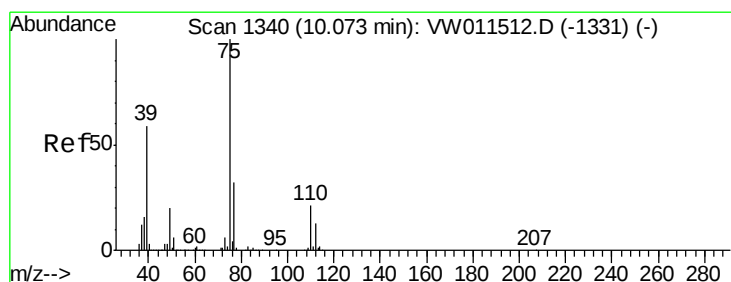
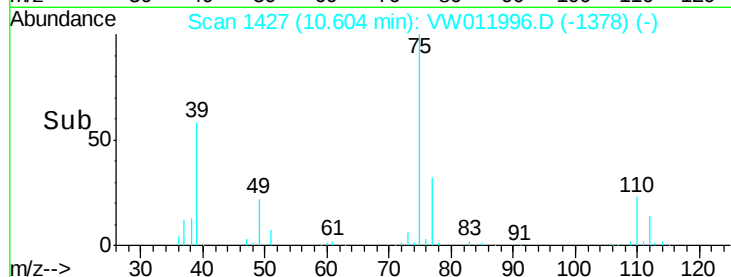
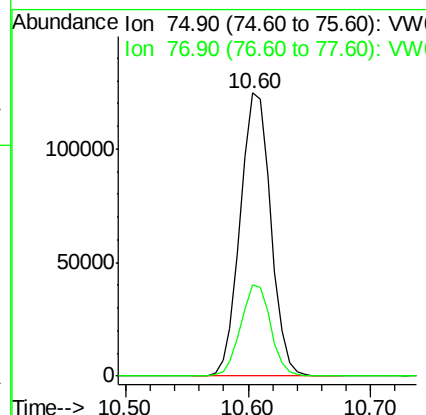
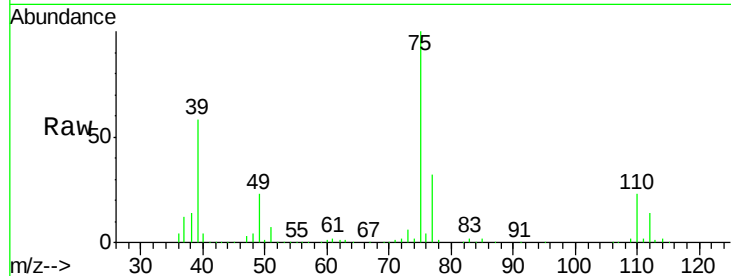
#53
t-1,3-Dichloropropene
Concen: 52.279 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	215819		
77	32.1	25.0	37.4	

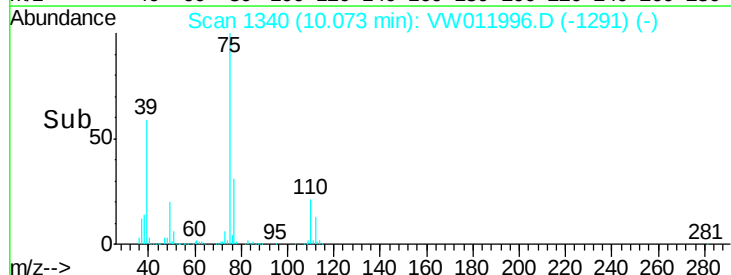
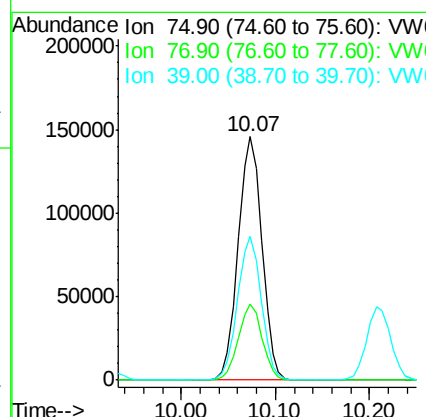
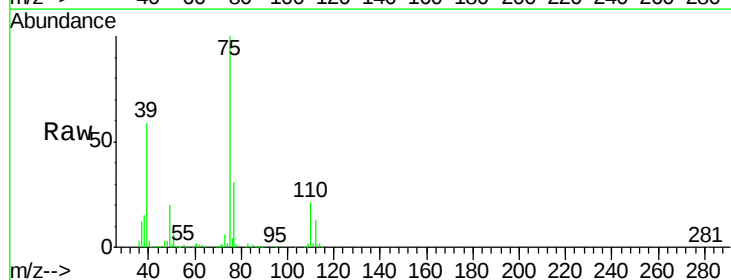
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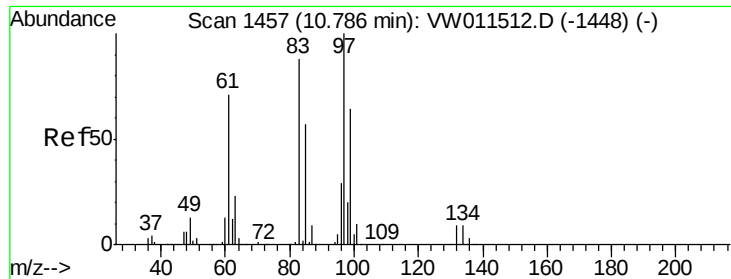
MMDadoda
8/20/2019 9:55:47 AM



#54
cis-1,3-Dichloropropene
Concen: 52.286 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	256642		
77	31.3	25.6	38.4	
39	59.2	47.0	70.4	





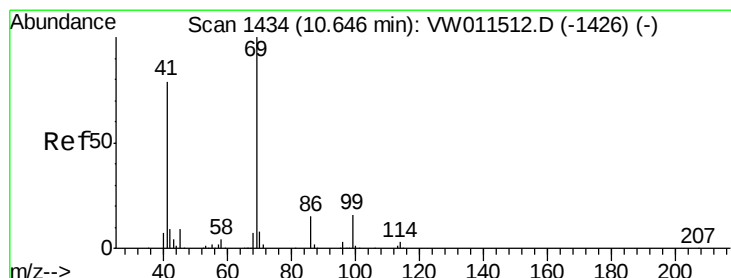
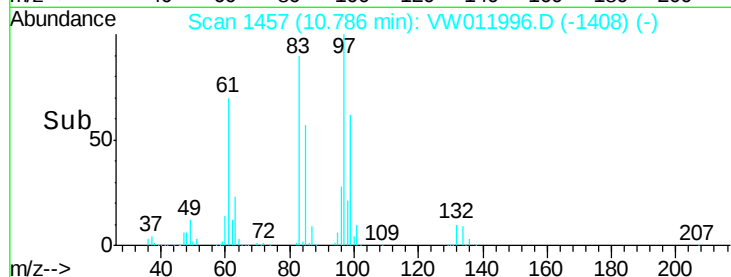
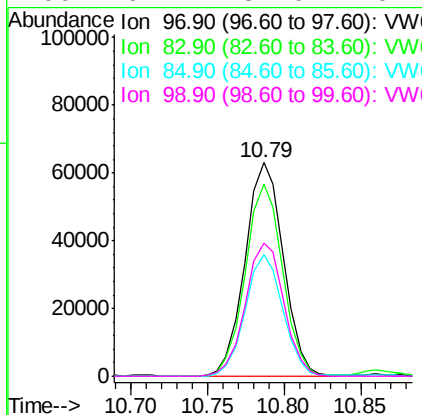
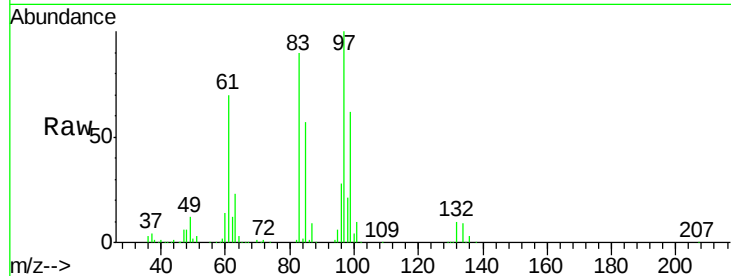
#55
 1,1,2-Trichloroethane
 Concen: 51.558 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	110210
Ion	Ratio	Lower	Upper
97	100		
83	90.0	70.5	105.7
85	56.9	45.8	68.6
99	62.2	51.0	76.4

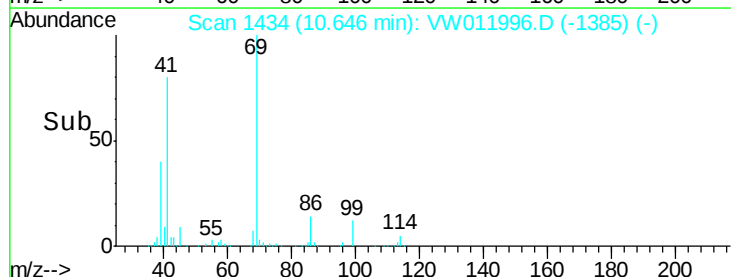
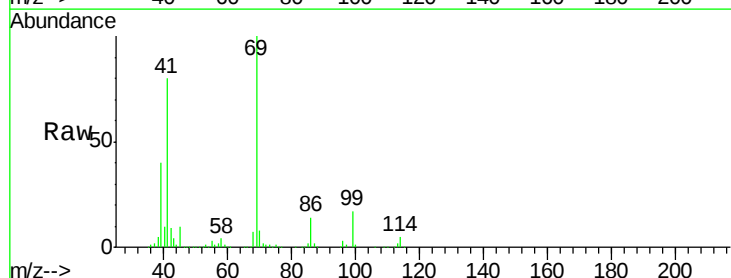
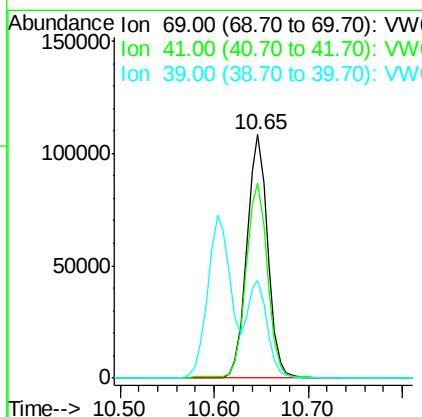
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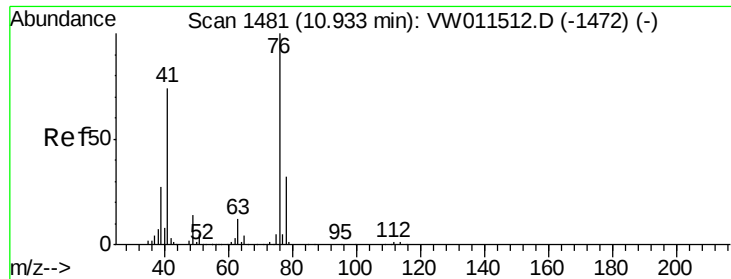
MMDadoda
 8/20/2019 9:55:47 AM



#56
 Ethyl methacrylate
 Concen: 53.889 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Tgt Ion:	69	Resp:	168563
Ion	Ratio	Lower	Upper
69	100		
41	81.0	66.6	99.8
39	37.7	30.3	45.5





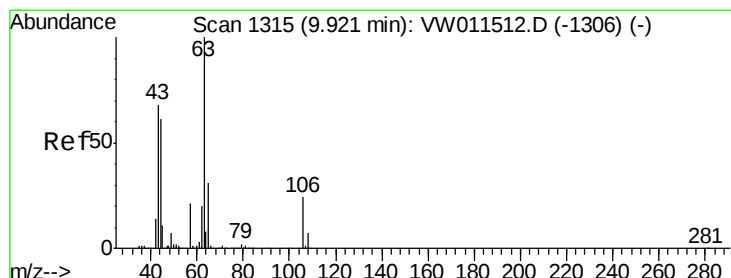
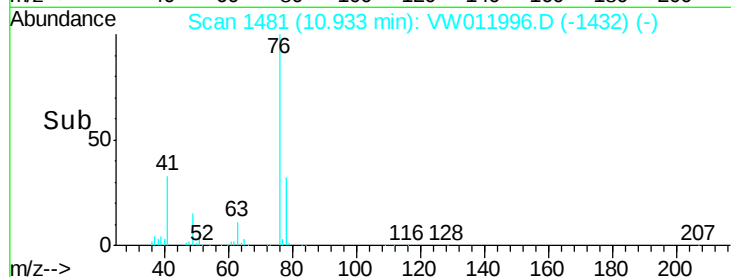
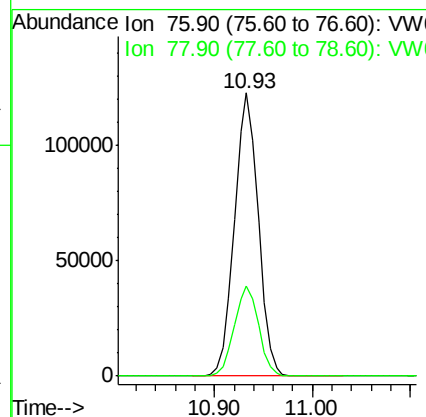
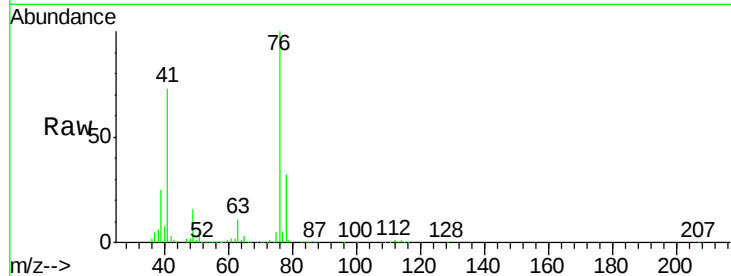
#57
 1,3-Dichloropropane
 Concen: 51.076 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 206556
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.2 37.8

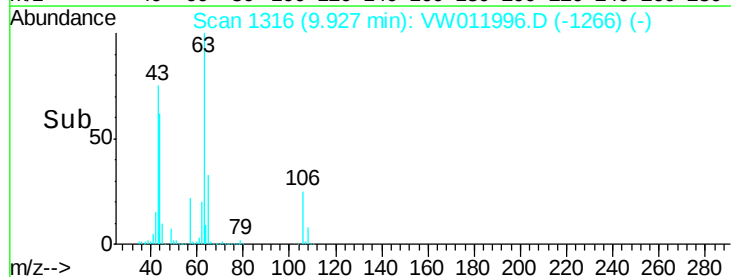
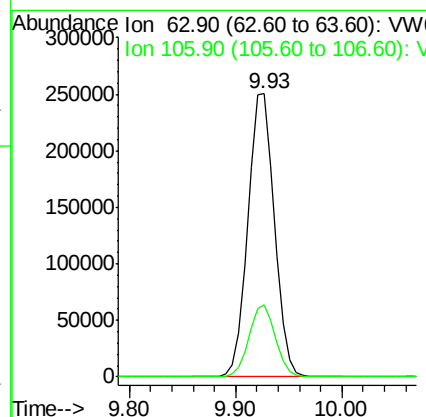
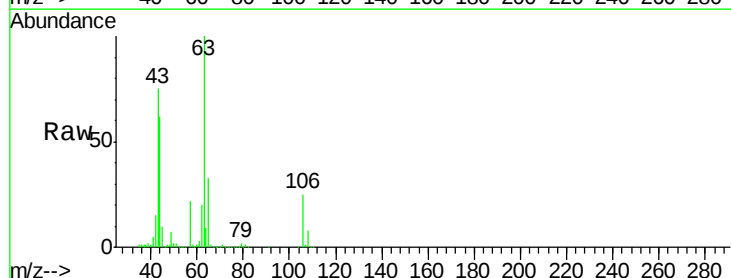
Manual Integrations
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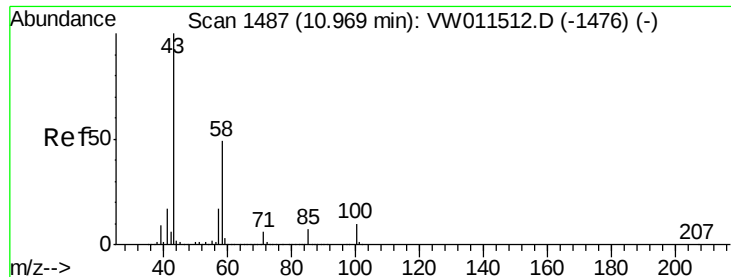
MMDadoda
 8/20/2019 9:55:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 309.614 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Tgt Ion: 63 Resp: 439723
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.7 29.5





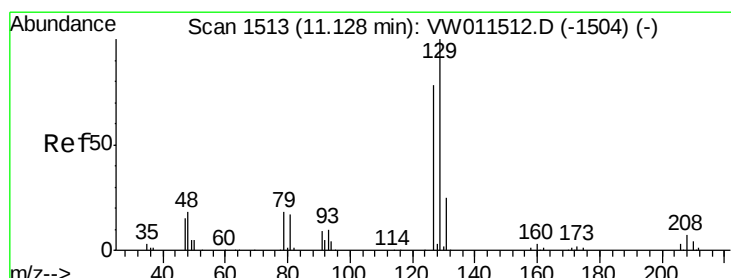
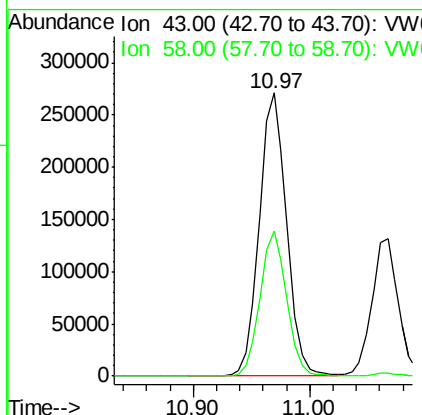
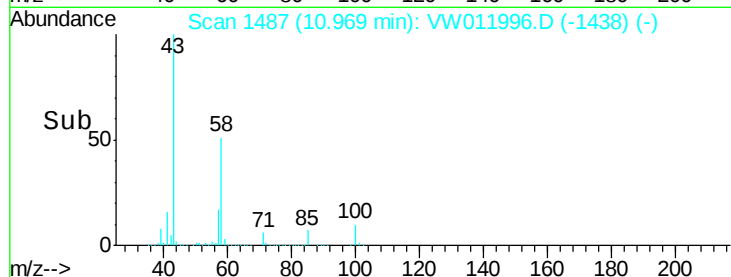
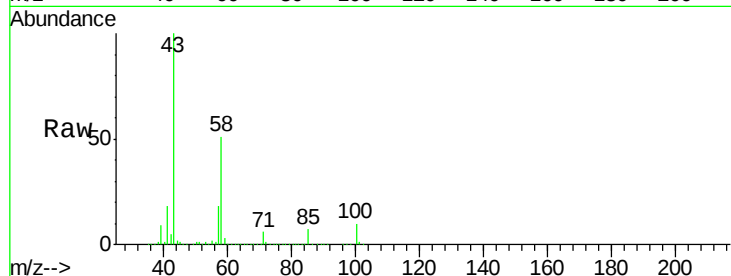
#59
2-Hexanone
Concen: 258.777 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 442877
Ion Ratio Lower Upper
43 100
58 50.0 24.3 72.9

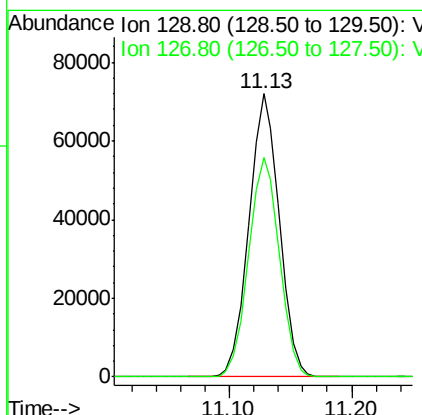
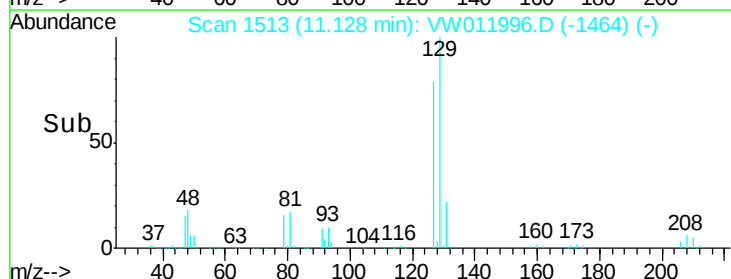
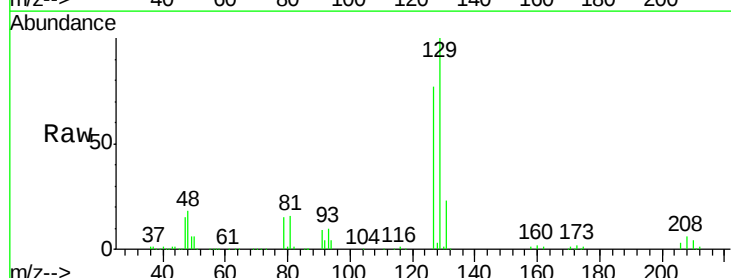
Manual Integrations
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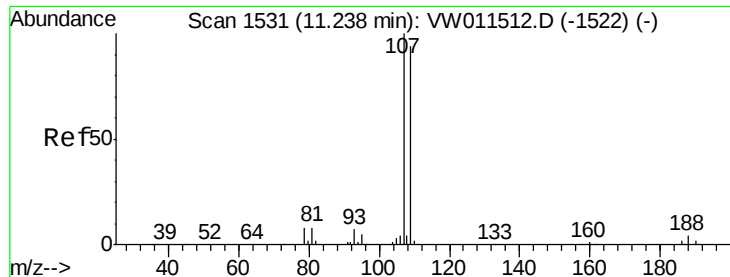
MMDadoda
8/20/2019 9:55:47 AM



#60
Dibromochloromethane
Concen: 52.461 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion: 129 Resp: 124479
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.7





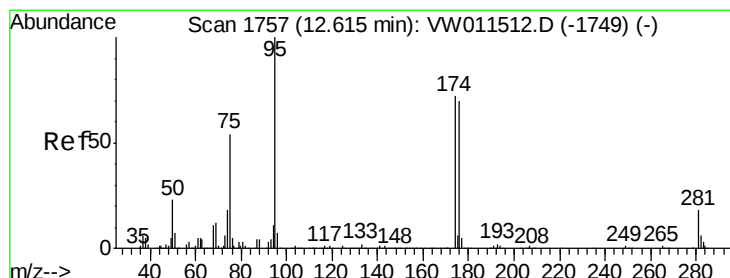
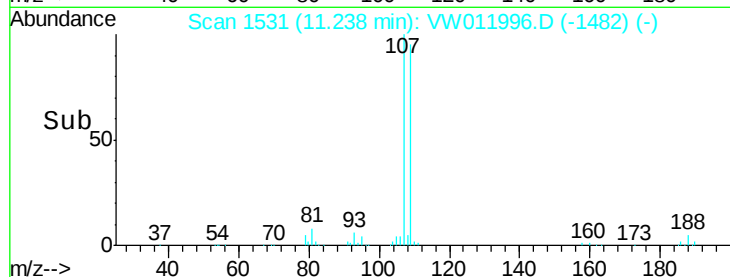
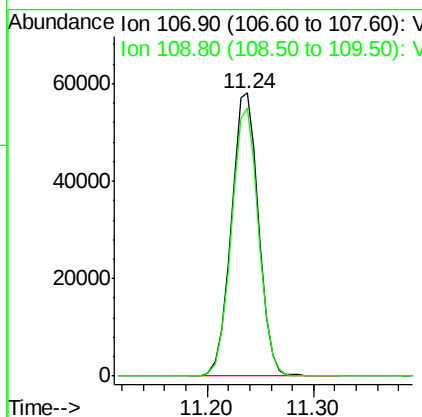
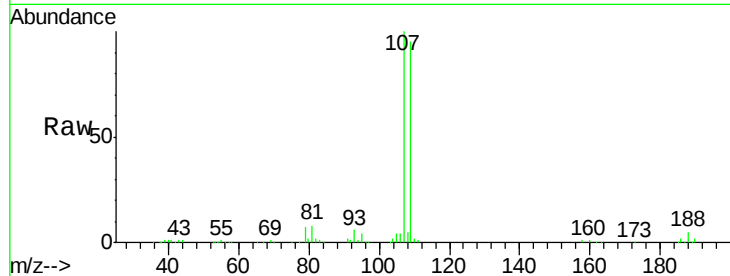
#61
 1,2-Dibromoethane
 Concen: 51.402 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.0	112.6

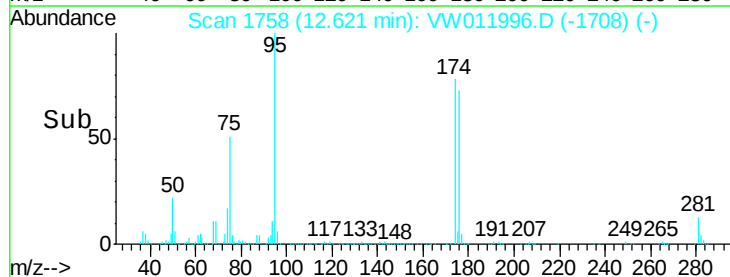
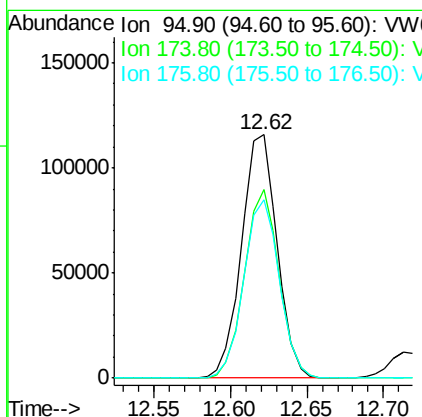
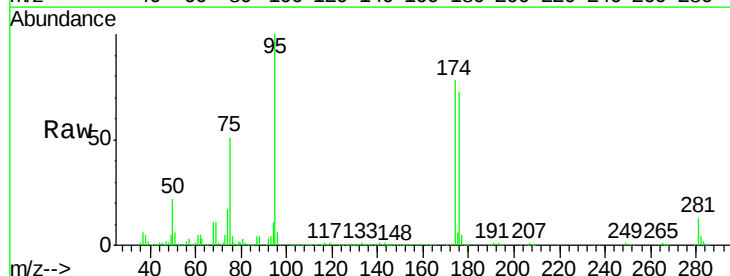
Manual Integrations
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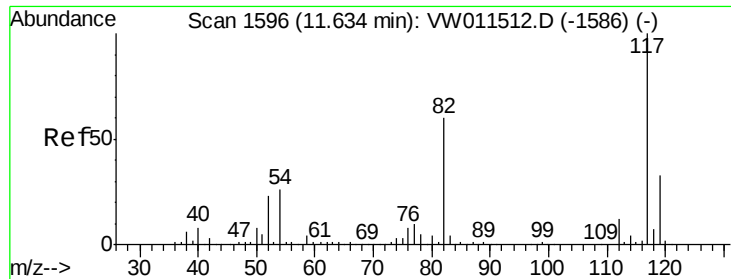
MMDadoda
 8/20/2019 9:55:47 AM



#62
 4-Bromofluorobenzene
 Concen: 53.771 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	150.2
176	73.7	0.0	144.4





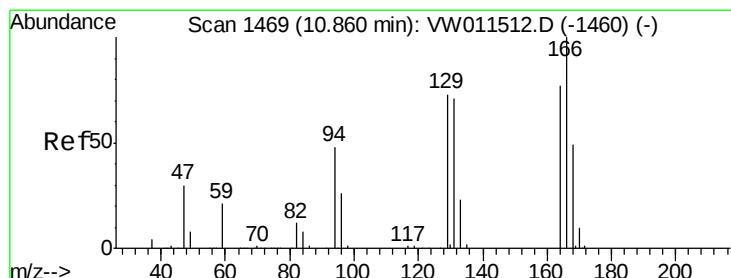
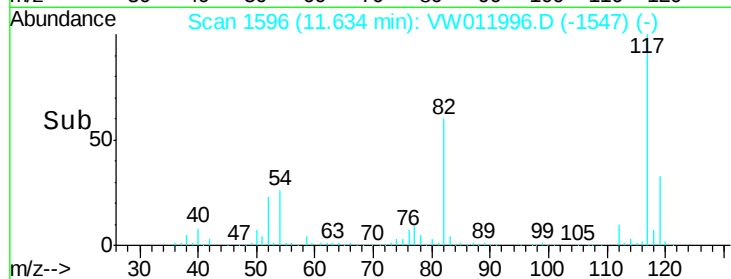
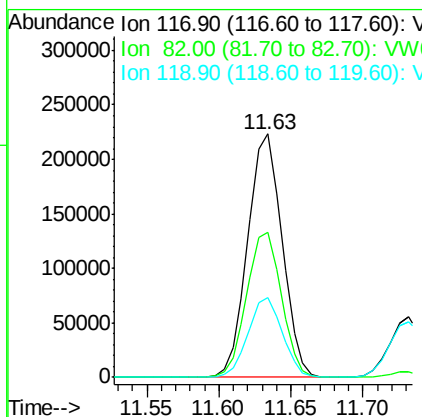
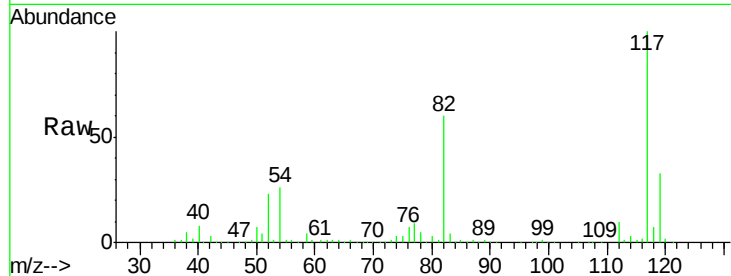
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.9	71.9
119	32.5	26.2	39.2

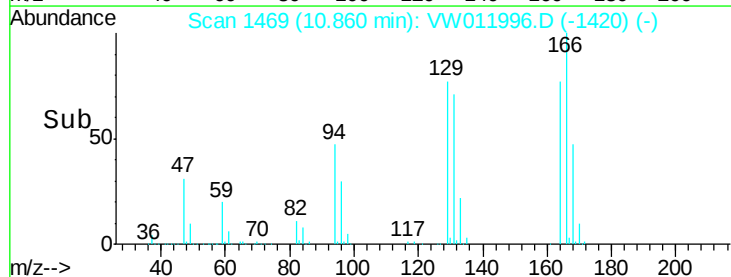
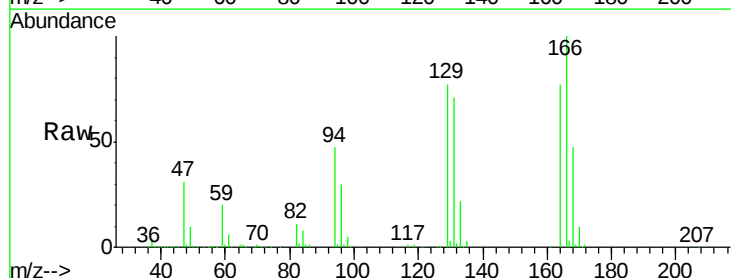
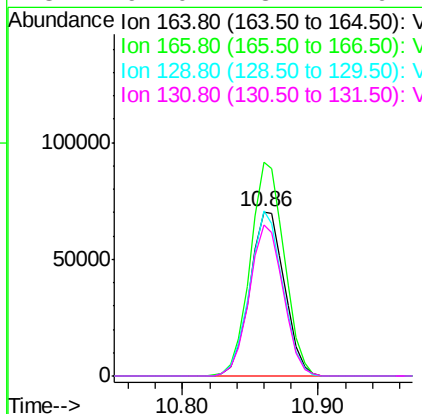
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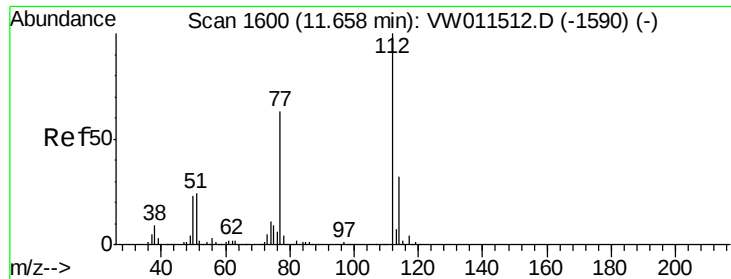
MMDadoda
8/20/2019 9:55:47 AM



#64
Tetrachloroethene
Concen: 52.161 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	103.5	155.3
129	100.2	75.2	112.8
131	92.0	73.4	110.2





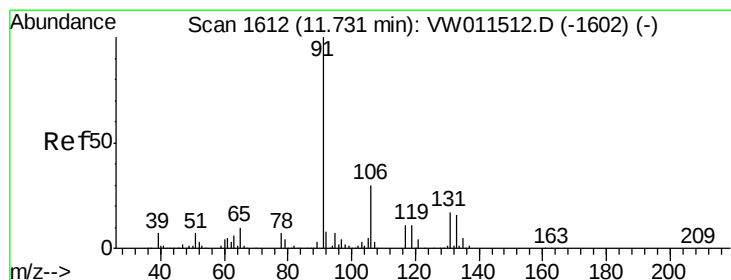
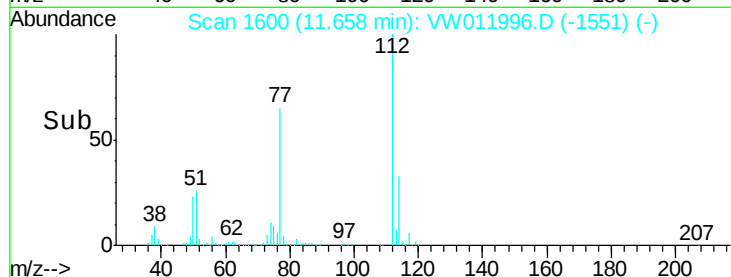
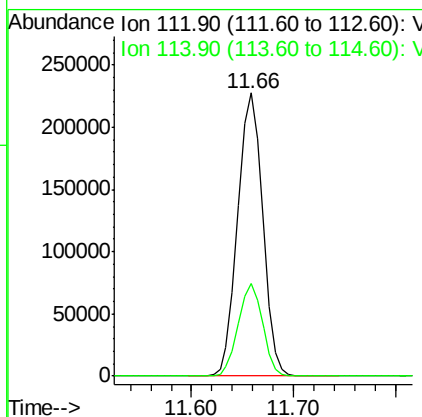
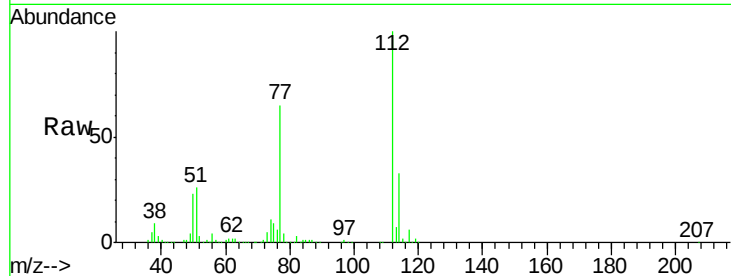
#65
Chlorobenzene
Concen: 52.024 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	386368		
114	32.7	25.6	38.4	

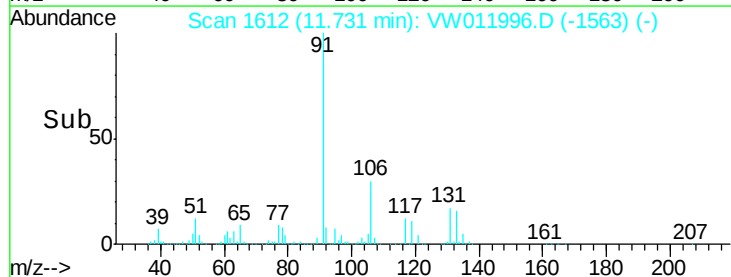
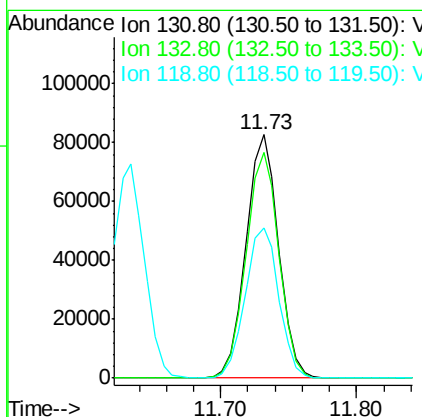
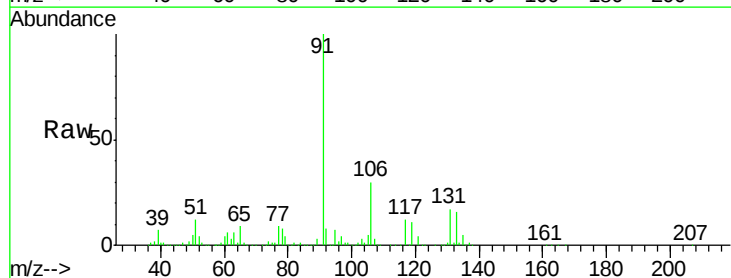
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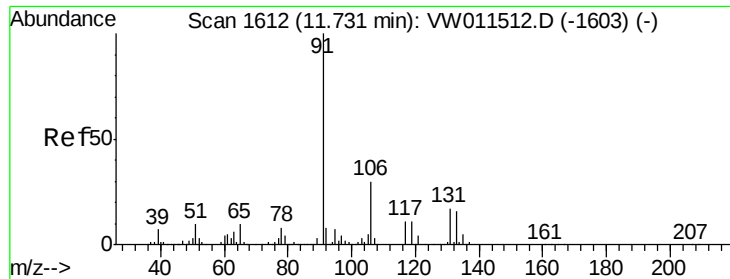
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.510 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	138425		
133	93.9	47.4	142.2	
119	63.9	32.3	96.9	





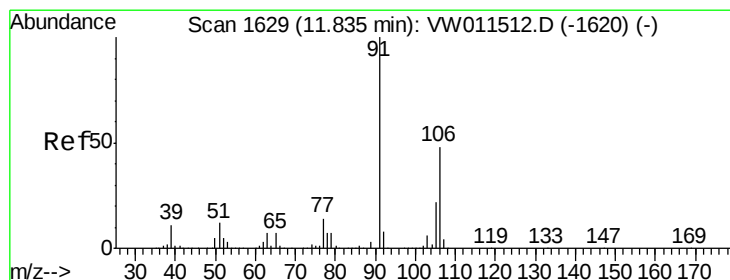
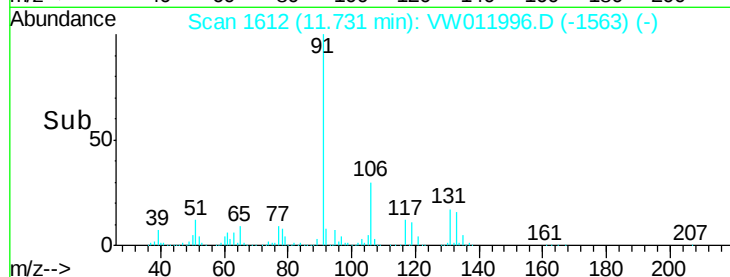
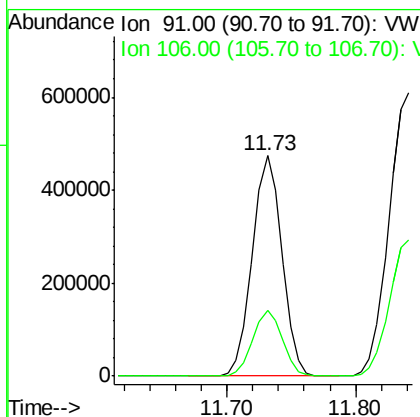
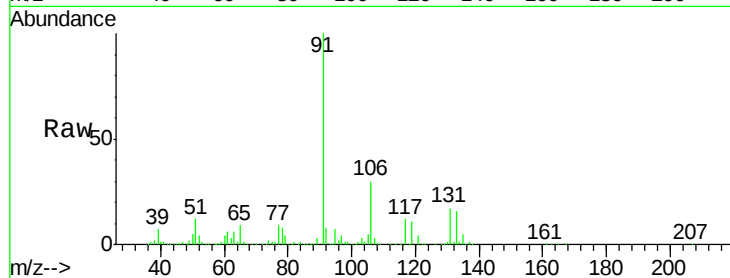
#67
Ethyl Benzene
Concen: 53.046 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 750304
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

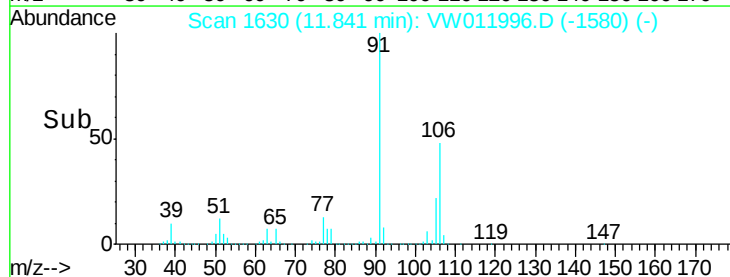
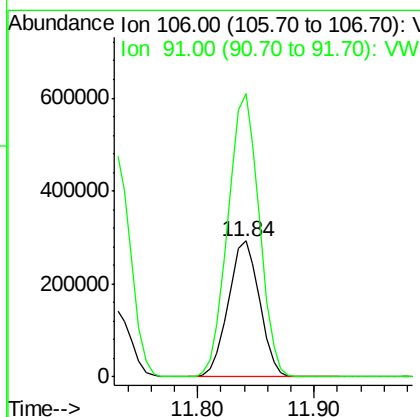
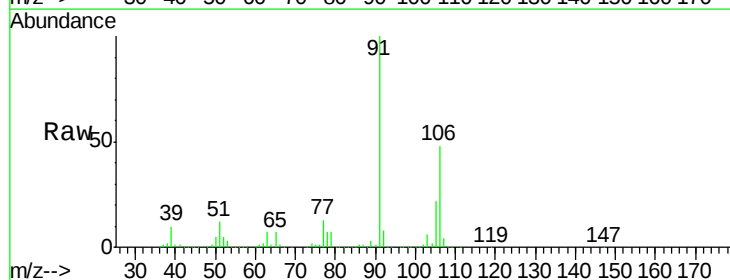
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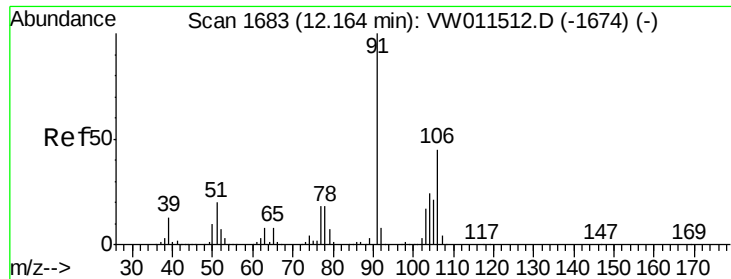
MMDadoda
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#68
m/p-Xylenes
Concen: 105.843 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion: 106 Resp: 544449
Ion Ratio Lower Upper
106 100
91 208.8 168.2 252.2





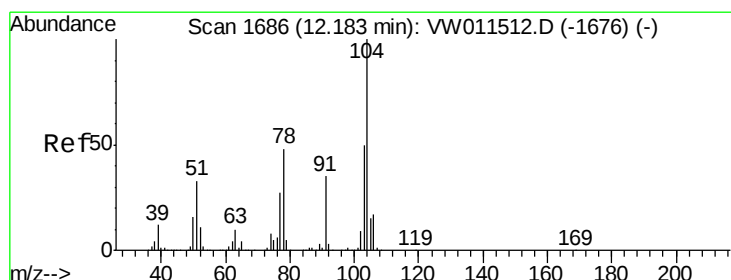
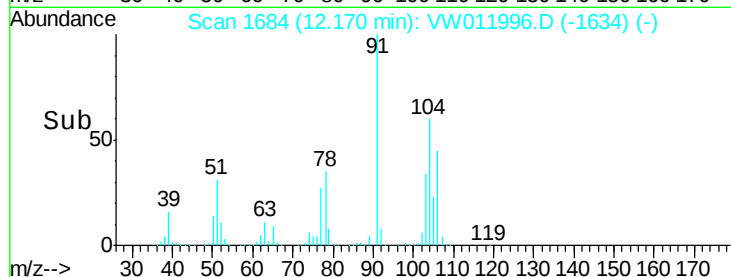
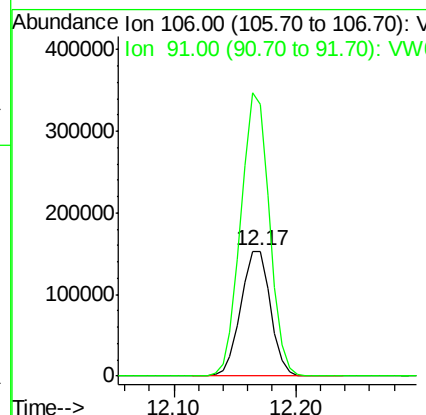
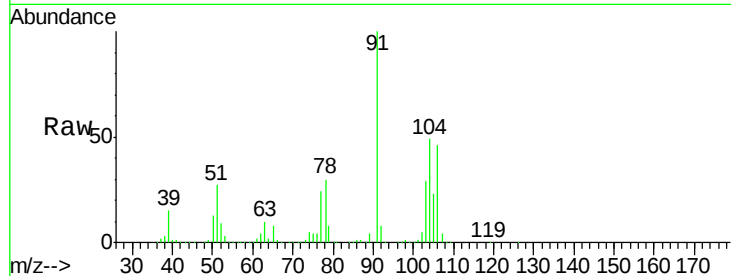
#69
o-Xylene
Concen: 53.569 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		256061		
91	219.6	110.5	331.5		

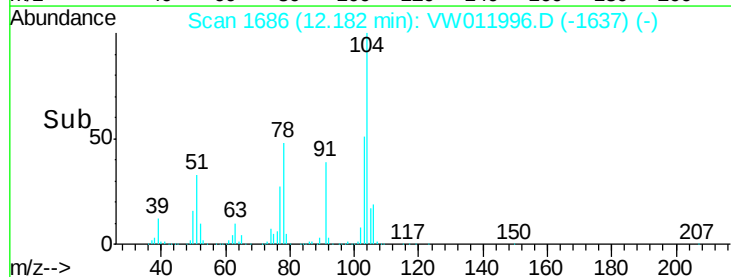
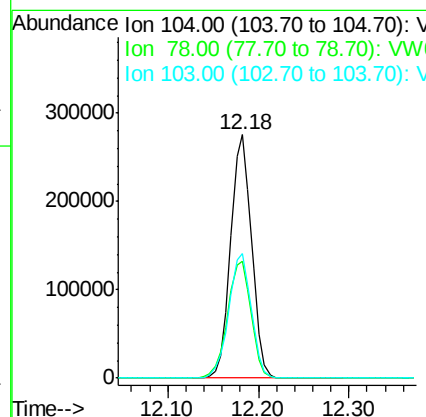
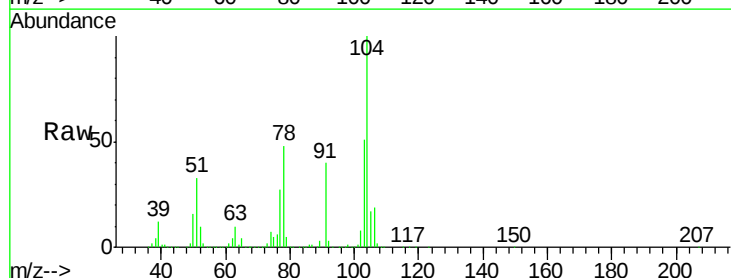
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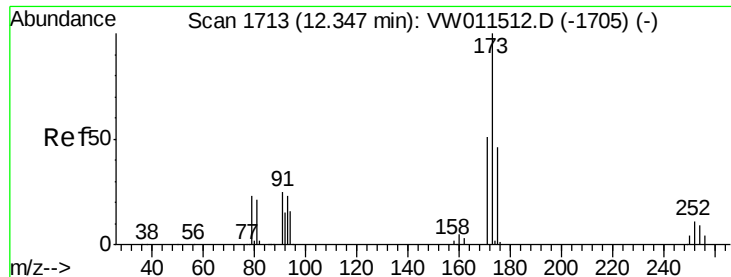
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#70
Styrene
Concen: 53.493 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		442104		
78	53.8	43.4	65.0		
103	55.0	43.9	65.9		





#71

Bromoform

Concen: 54.196 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 71483

Ion Ratio Lower Upper

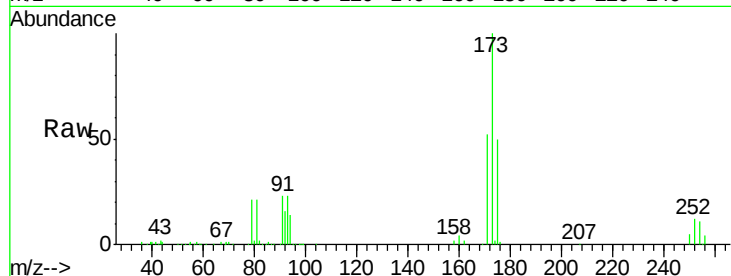
173 100

175 48.2 23.6 71.0

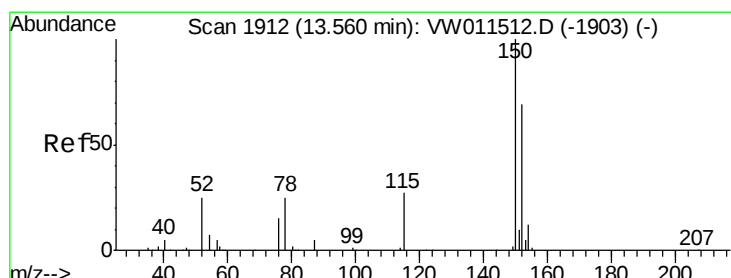
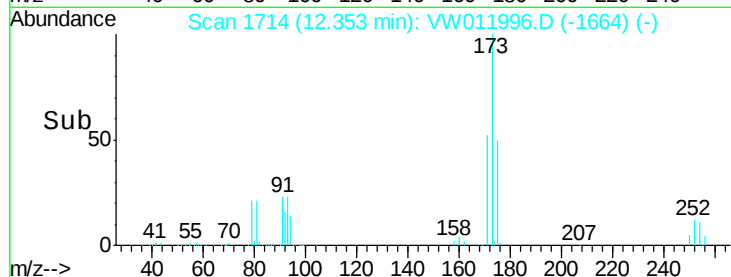
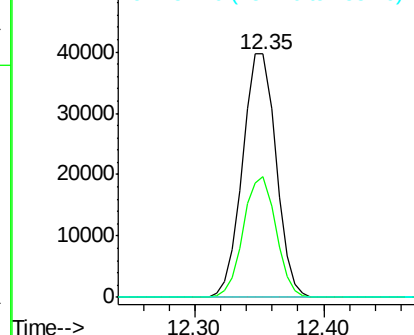
254 0.2 0.1 0.1#

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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: VW011996.D

Acq: 19 Aug 2019 17:52

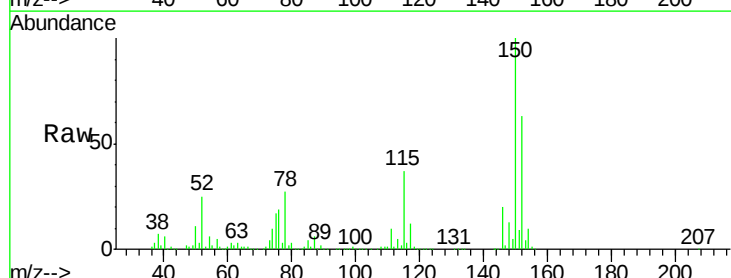
Tgt Ion:152 Resp: 179852

Ion Ratio Lower Upper

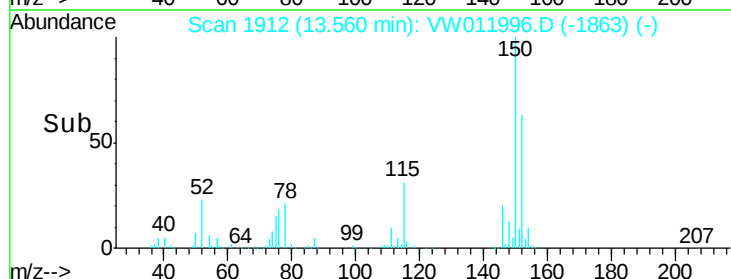
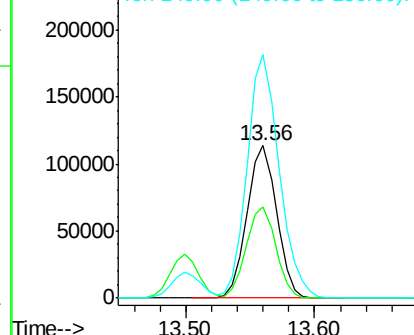
152 100

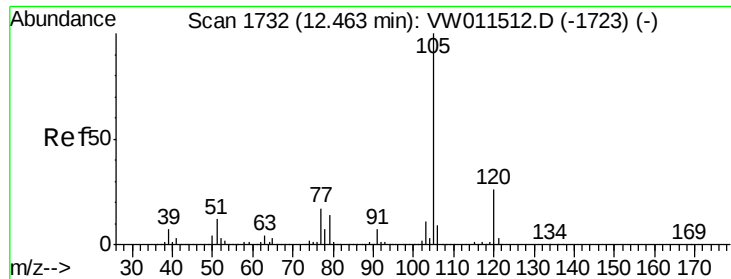
115 59.8 30.5 91.5

150 172.7 0.0 352.6



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: 53.291 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 715031

Ion Ratio Lower Upper

105 100

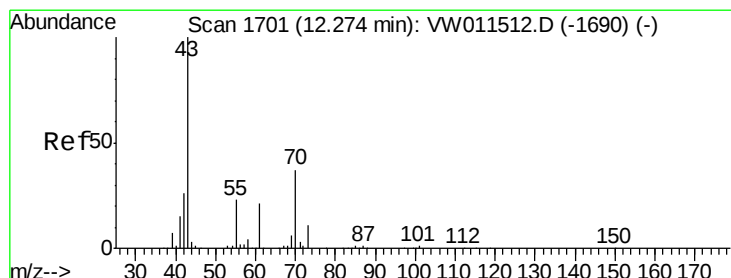
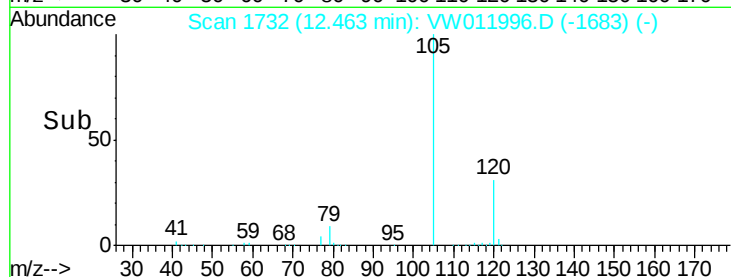
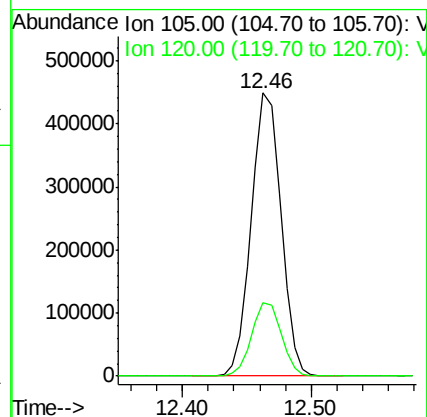
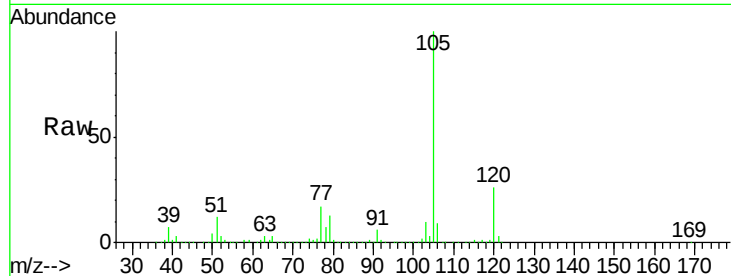
120 25.9 12.9 38.7

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#74

N-ethyl acetate

Concen: 54.282 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Tgt Ion: 43 Resp: 228019

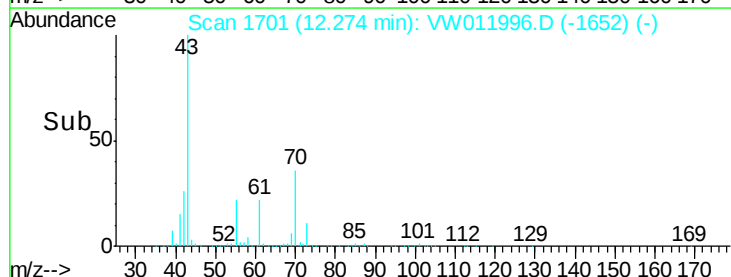
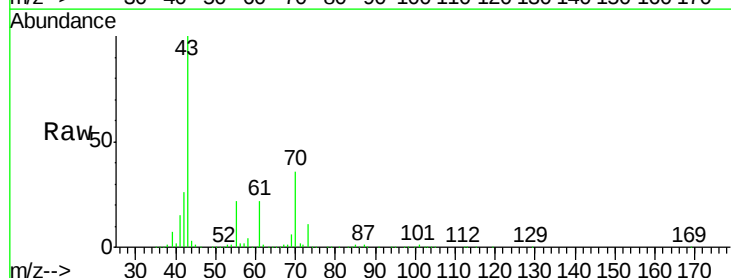
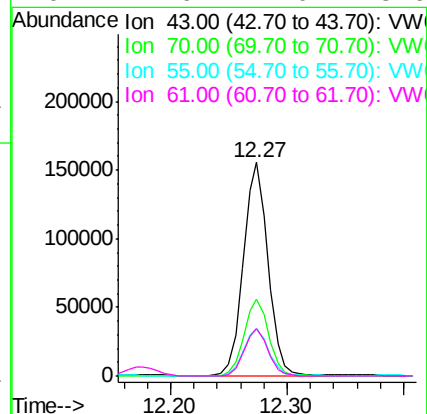
Ion Ratio Lower Upper

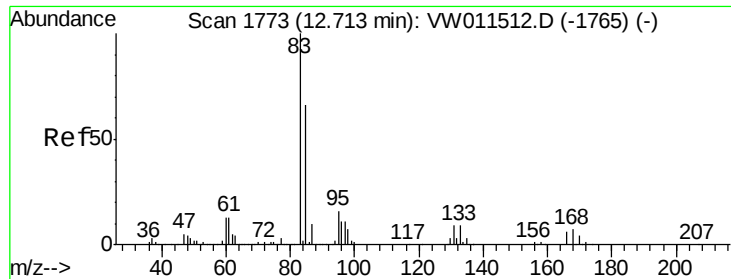
43 100

70 36.4 28.6 43.0

55 22.6 17.8 26.8

61 21.6 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.065 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

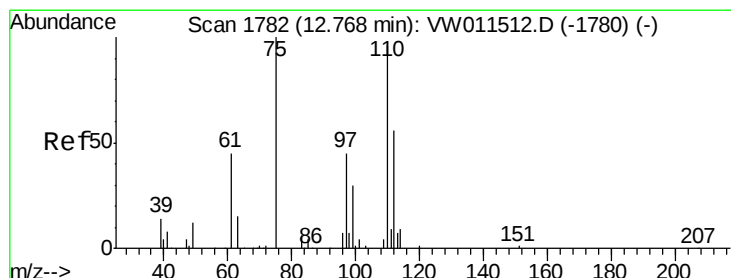
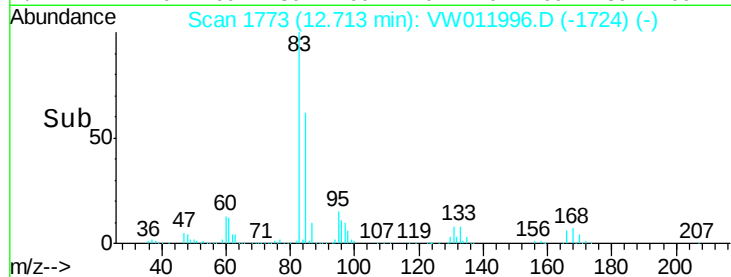
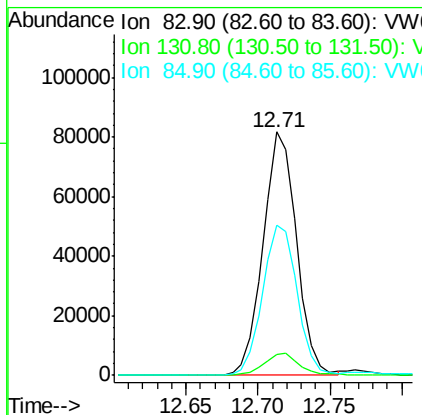
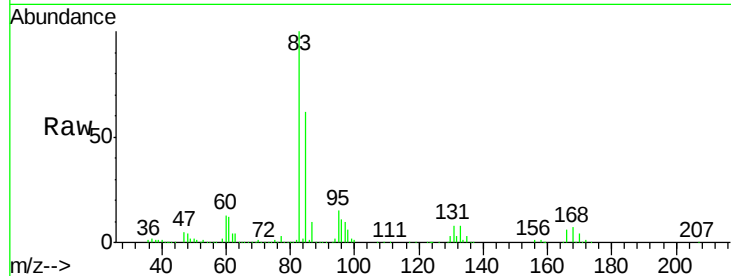
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	131401
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.9	14.6
85	63.6	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.662 ug/l m

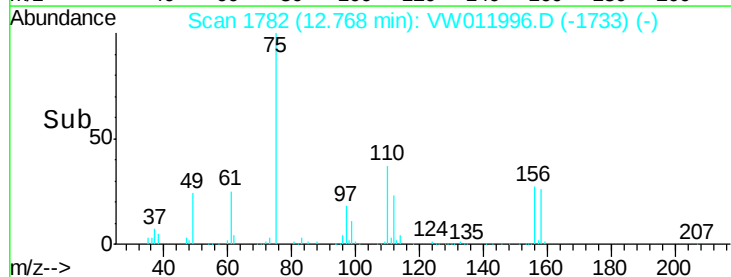
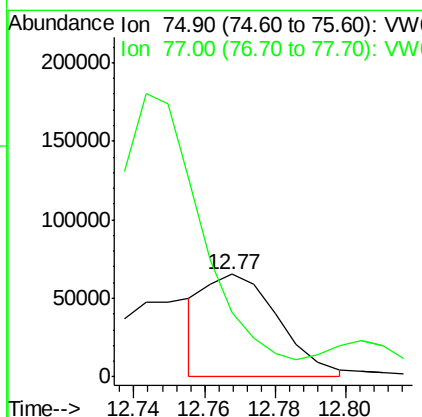
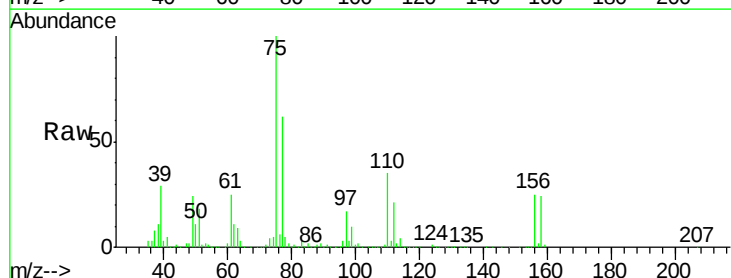
RT: 12.77 min Scan# 1782

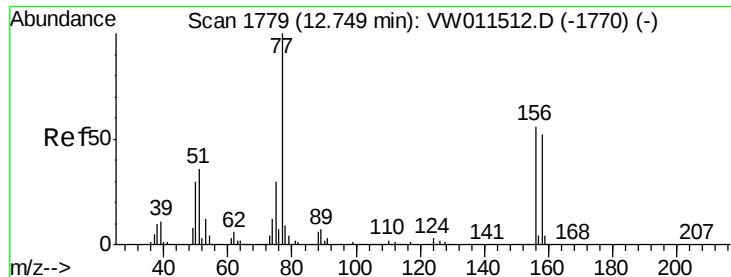
Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Tgt Ion:	75	Resp:	94508
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





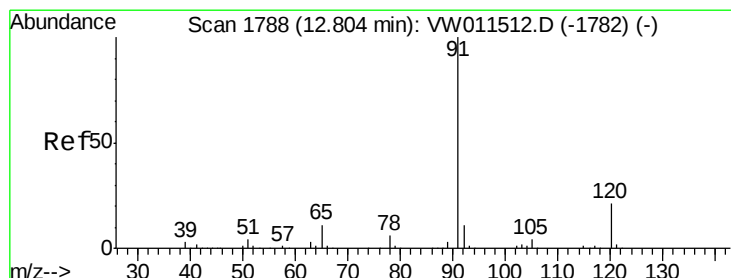
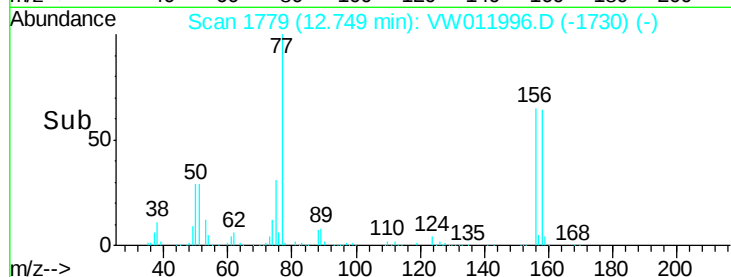
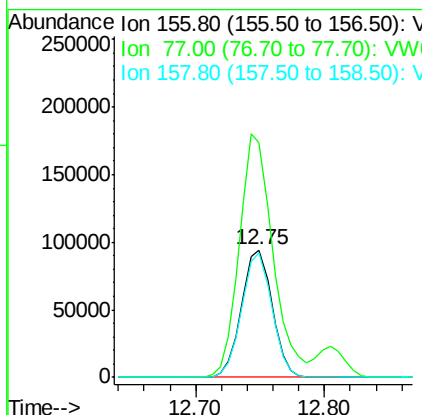
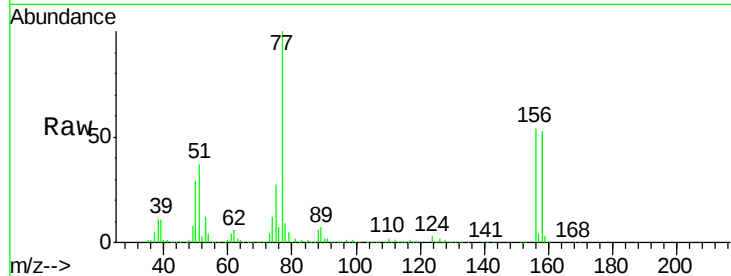
#77
Bromobenzene
Concen: 52.240 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	210.3	106.5	319.4
158	96.2	48.0	144.2

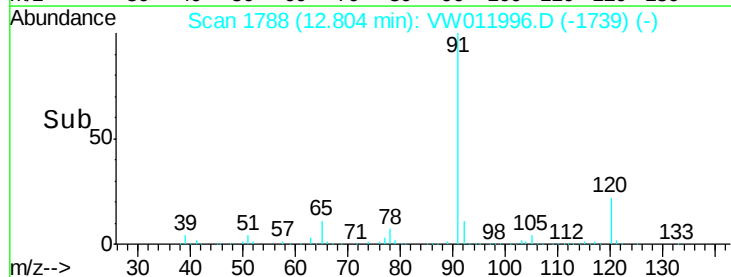
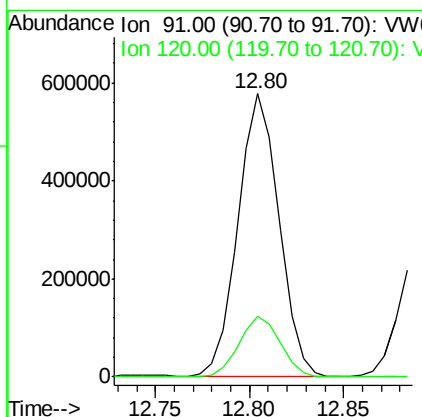
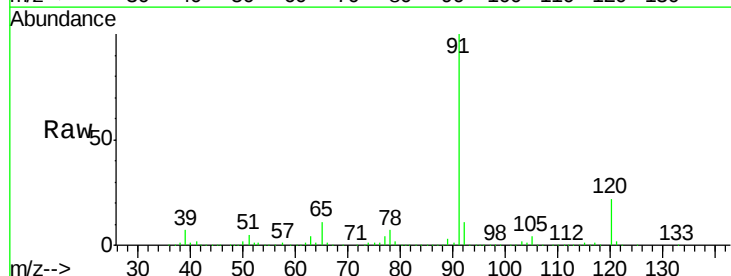
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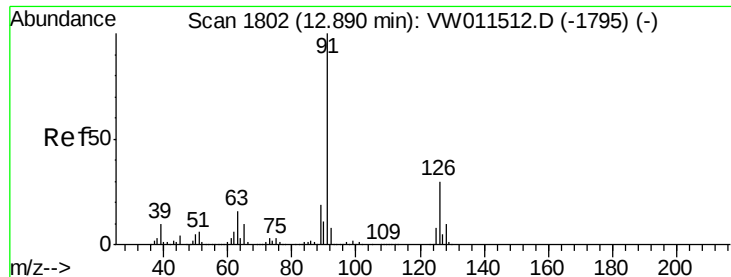
MMDadoda
8/20/2019 9:55:47 AM



#78
n-propylbenzene
Concen: 53.313 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.7





#79

2-Chlorotoluene

Concen: 52.271 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 491725

Ion Ratio Lower Upper

91 100

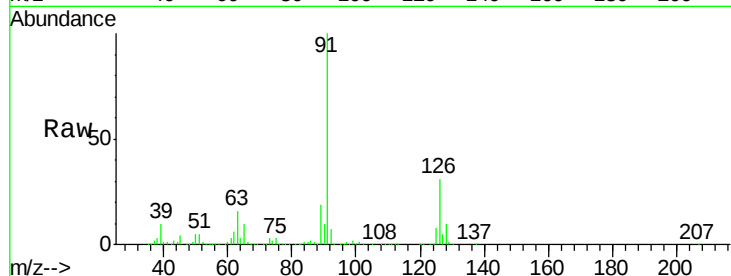
126 31.3 15.7 47.1

Manual Integrations

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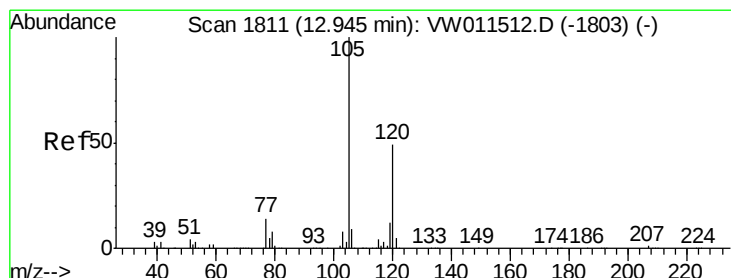
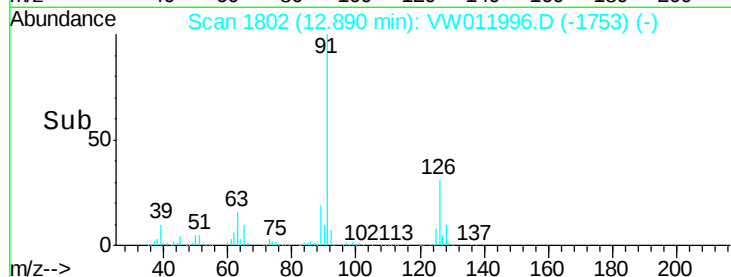
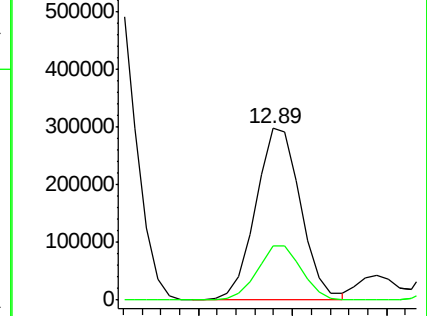
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.381 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011996.D

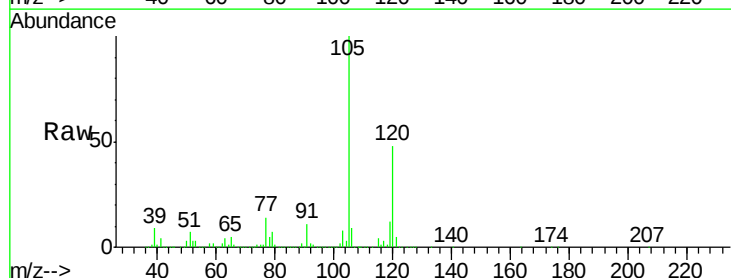
Acq: 19 Aug 2019 17:52

Tgt Ion:105 Resp: 600378

Ion Ratio Lower Upper

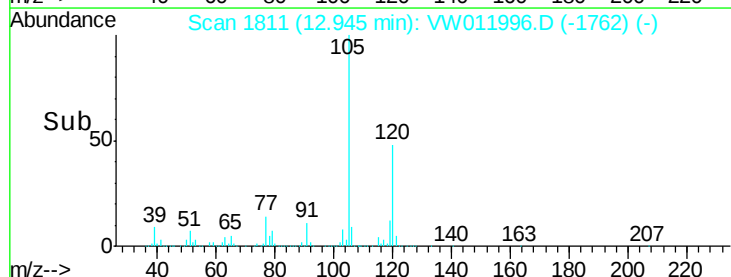
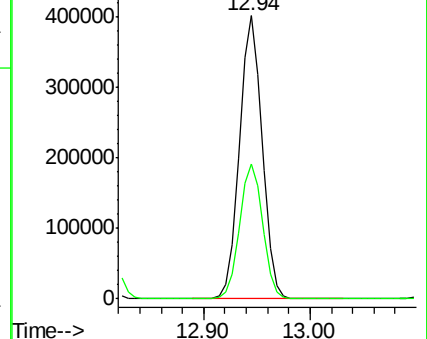
105 100

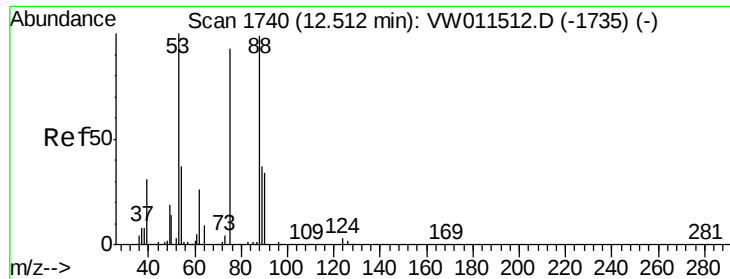
120 48.5 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





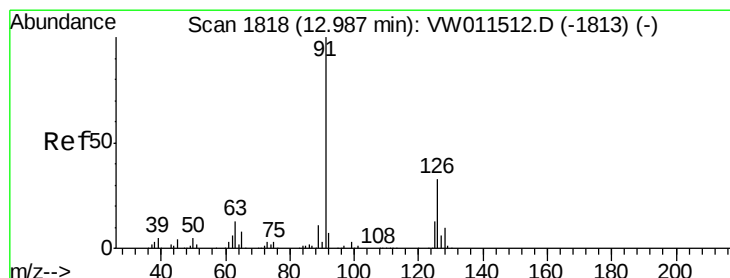
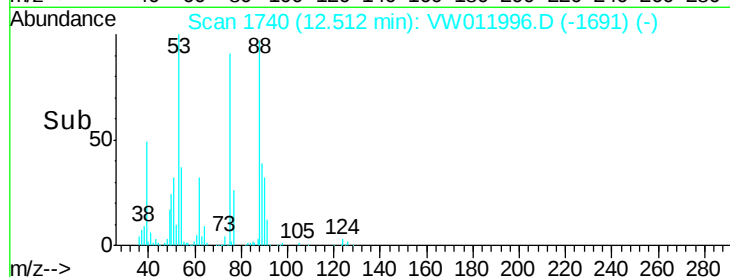
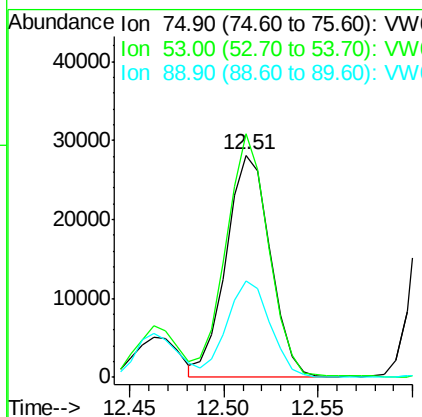
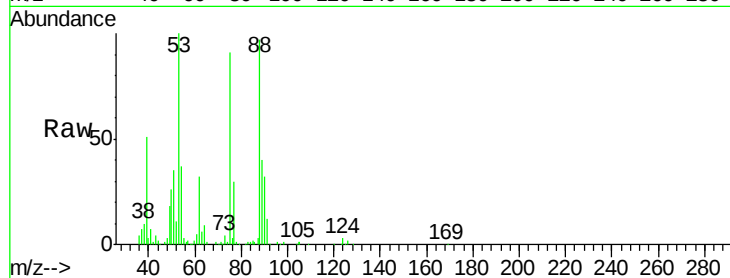
#81
trans-1,4-Dichloro-2-butene
Concen: 54.977 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	88.0	132.0
89	42.8	35.3	52.9

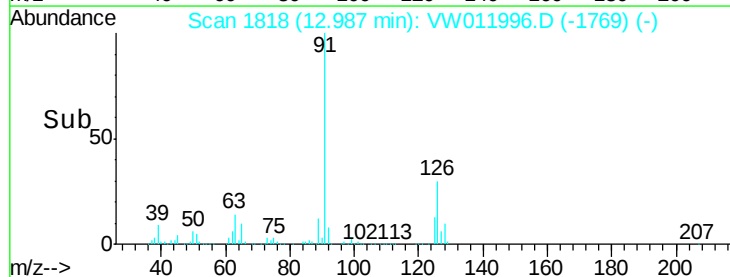
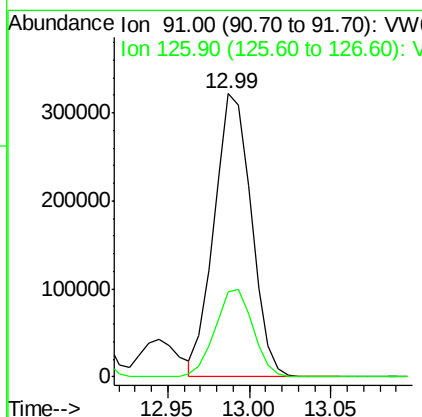
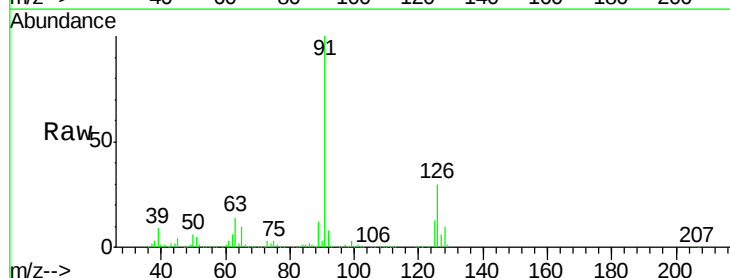
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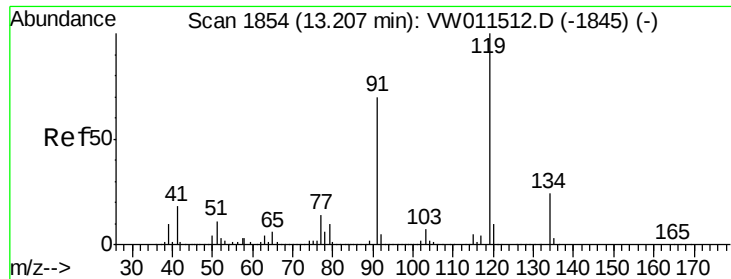
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#82
4-Chlorotoluene
Concen: 51.718 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.6	46.8





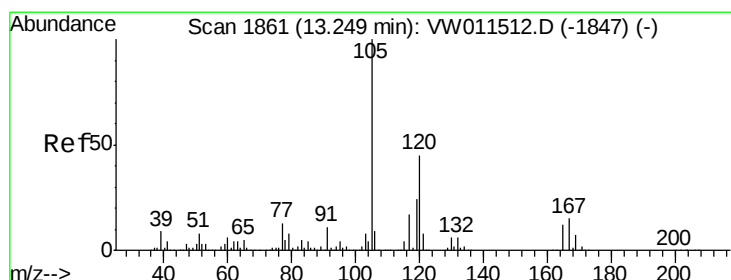
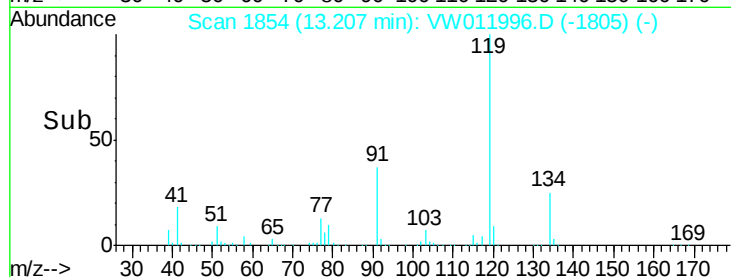
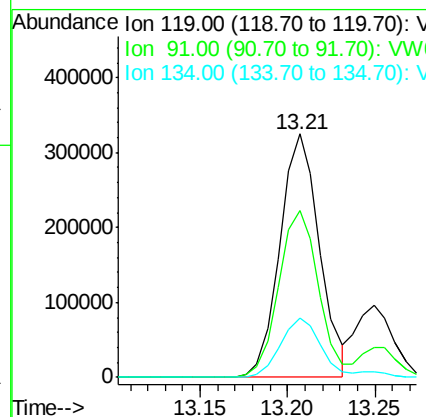
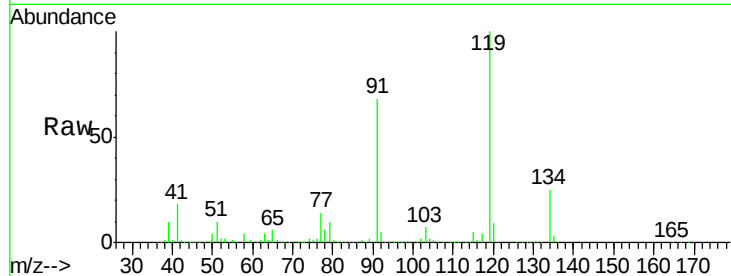
#83
tert-Butylbenzene
Concen: 54.574 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.7	34.5	103.6
134	24.7	12.4	37.4

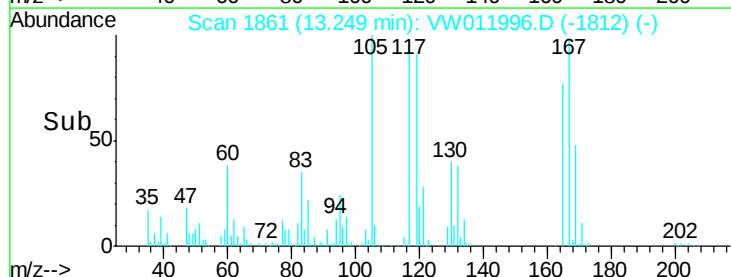
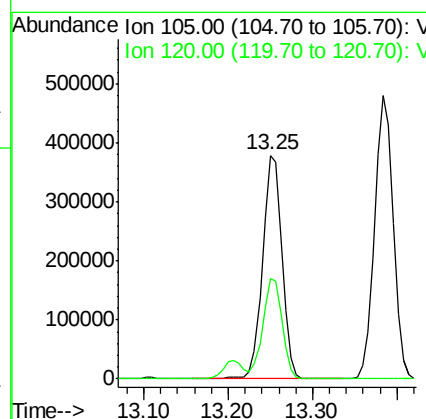
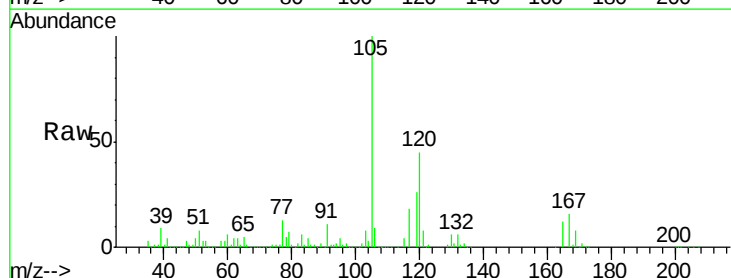
Manual Integrations
APPROVED

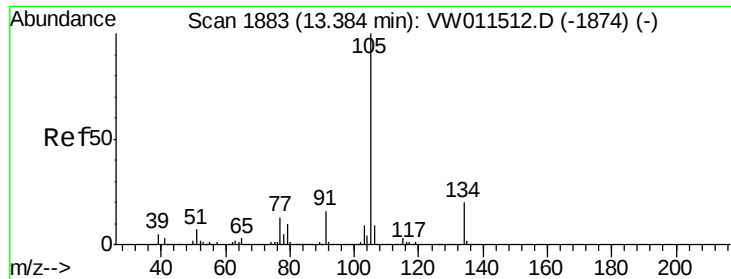
MMDadoda
8/20/2019 9:55:47 AM



#84
1,2,4-Trimethylbenzene
Concen: 52.887 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.1	66.5





#85

sec-Butylbenzene

Concen: 54.901 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 736782

Ion Ratio Lower Upper

105 100

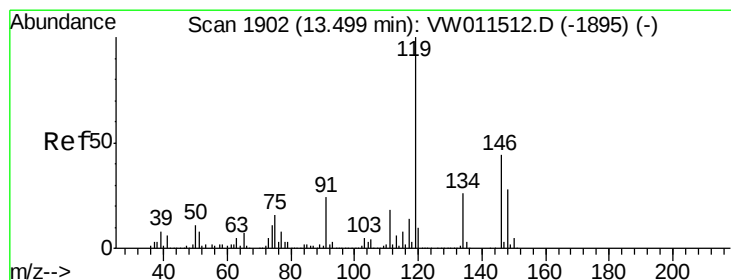
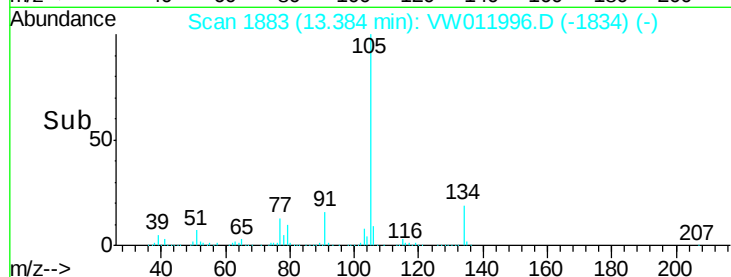
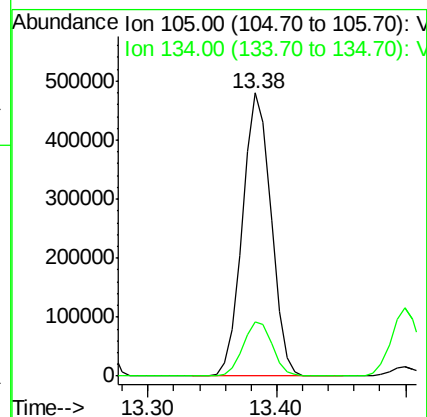
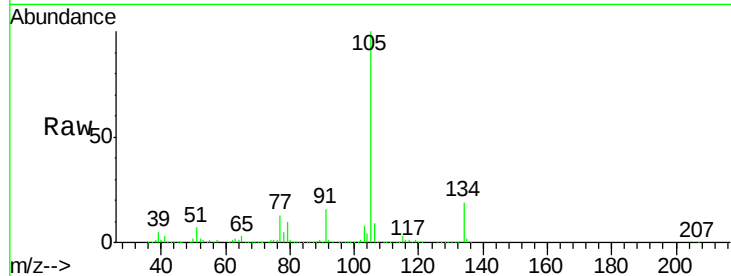
134 19.4 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.373 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011996.D

Acq: 19 Aug 2019 17:52

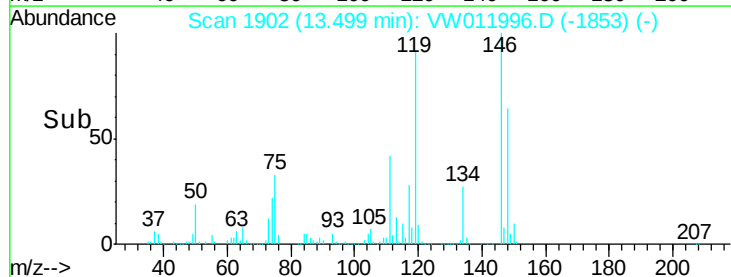
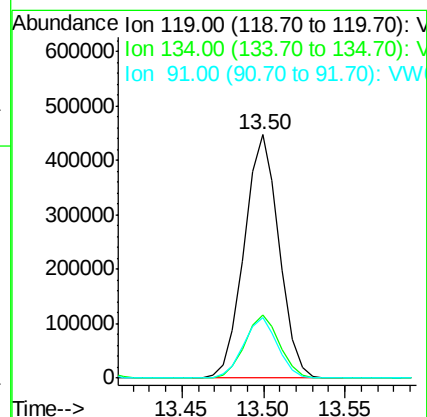
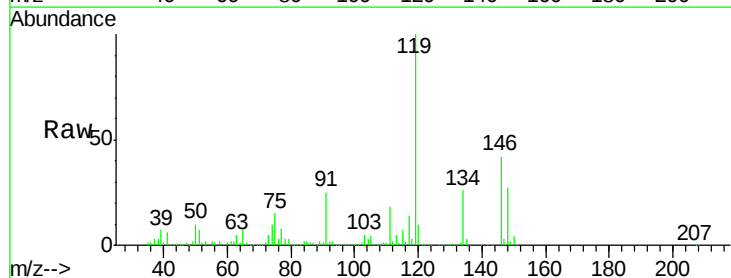
Tgt Ion:119 Resp: 662071

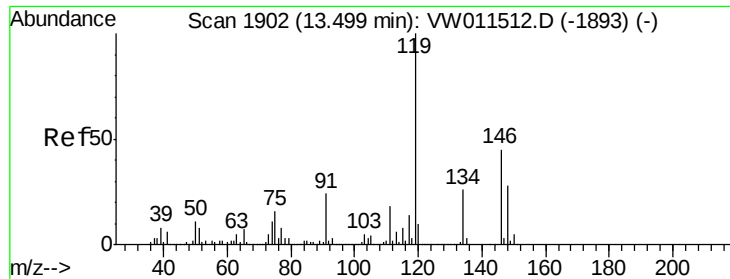
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 24.2 12.1 36.3





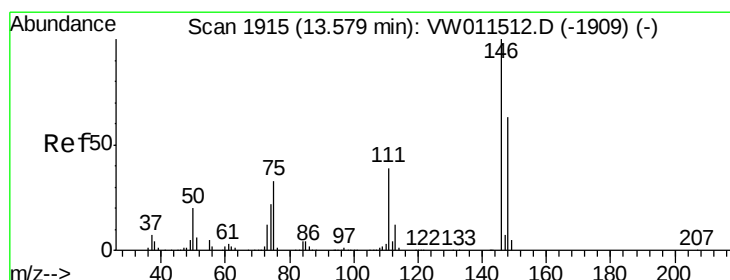
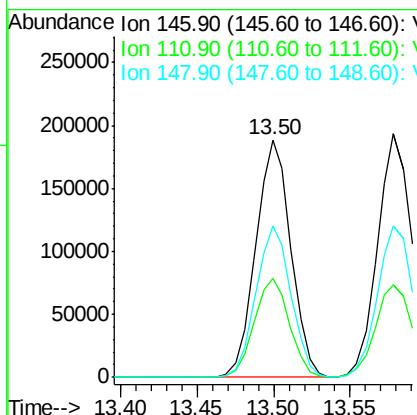
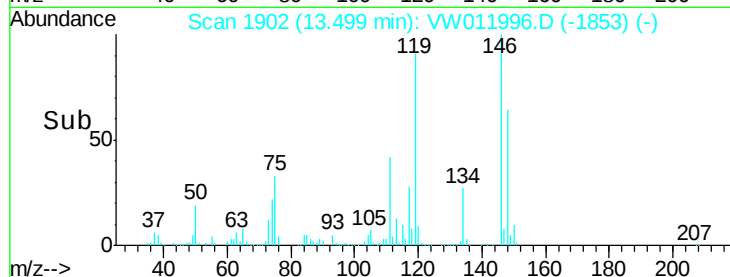
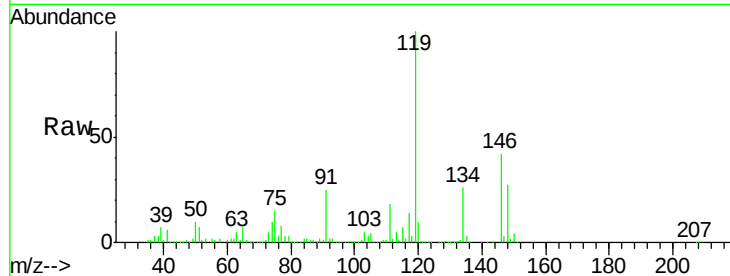
#87
 1,3-Dichlorobenzene
 Concen: 51.769 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.7	20.5	61.6	
148	64.0	31.8	95.3	

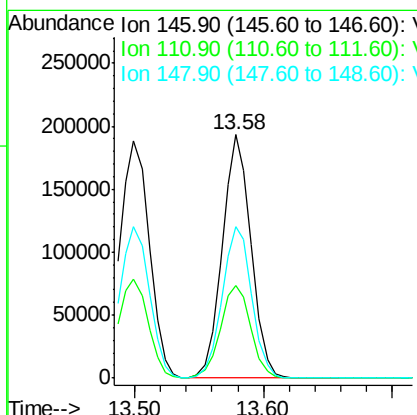
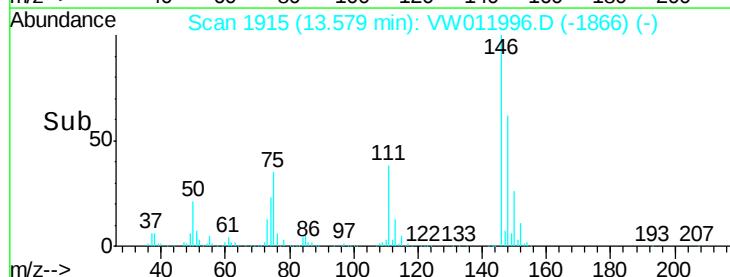
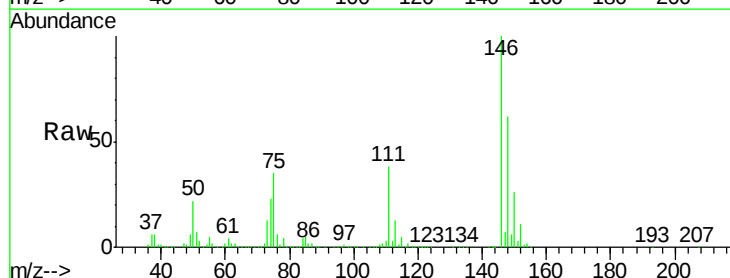
Manual Integrations
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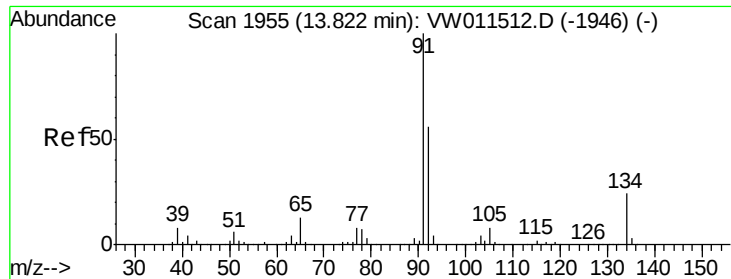
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#88
 1,4-Dichlorobenzene
 Concen: 52.155 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.2	20.1	60.2	
148	63.9	31.9	95.9	





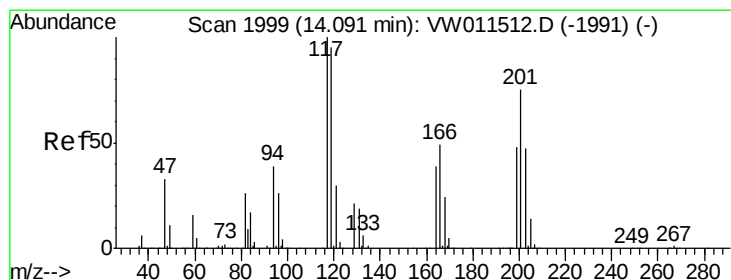
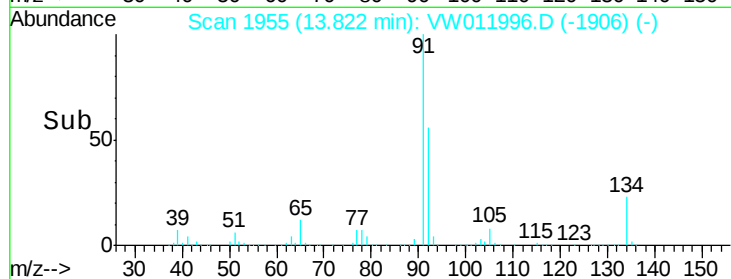
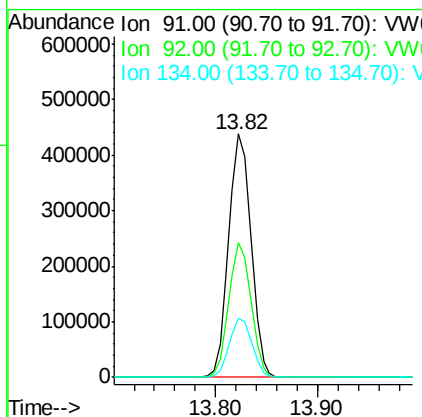
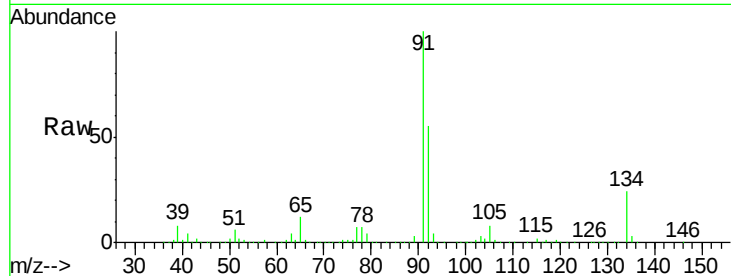
#89
n-Butylbenzene
Concen: 54.539 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.5	82.4
134	24.6	12.2	36.6

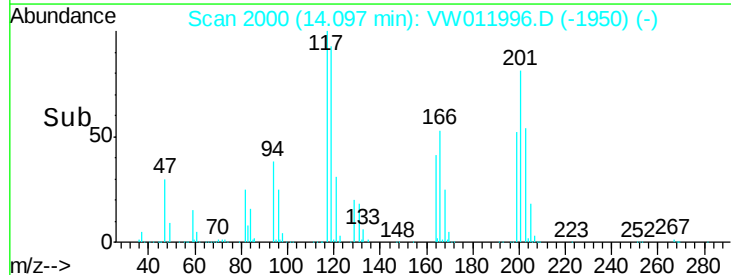
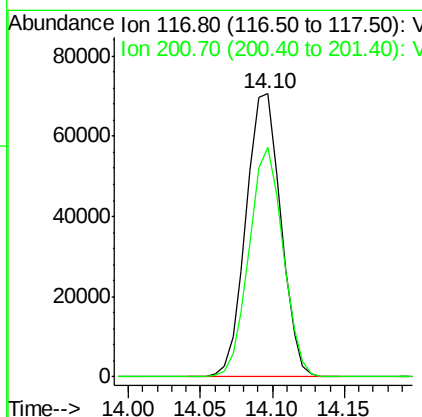
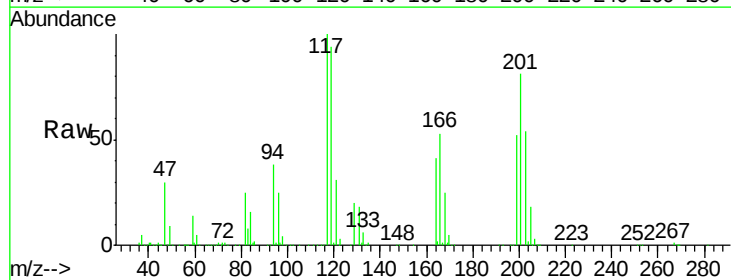
Manual Integrations
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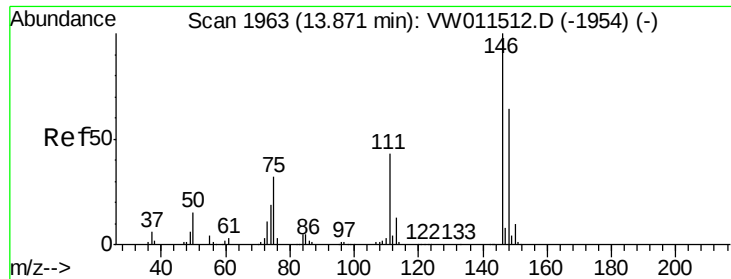
MMDadoda
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#90
Hexachloroethane
Concen: 54.847 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	39.4	118.2





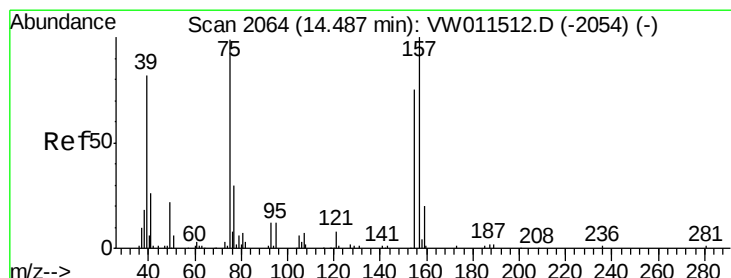
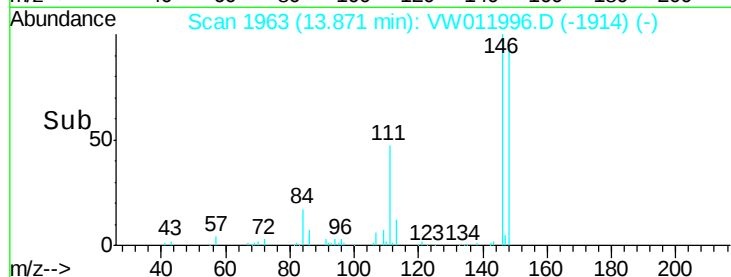
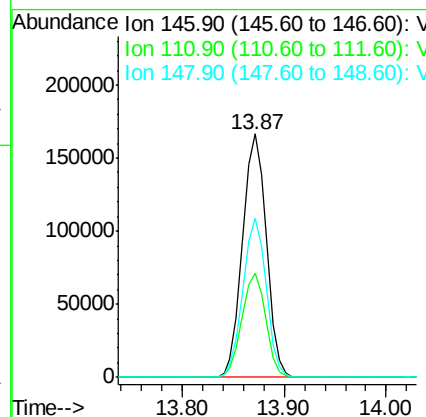
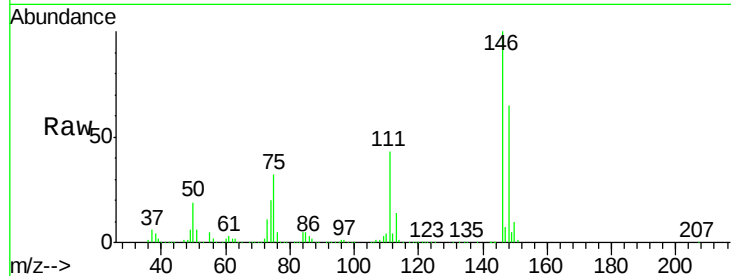
#91
 1,2-Dichlorobenzene
 Concen: 52.319 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	65.0
148	64.0	32.0	96.2

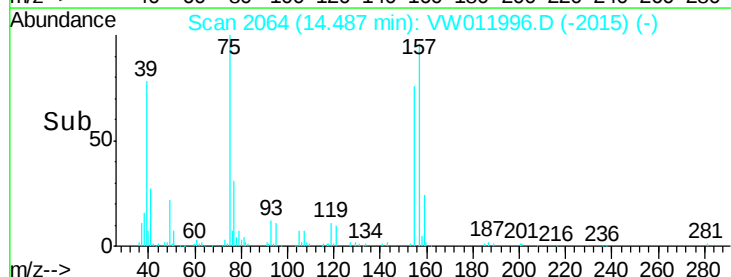
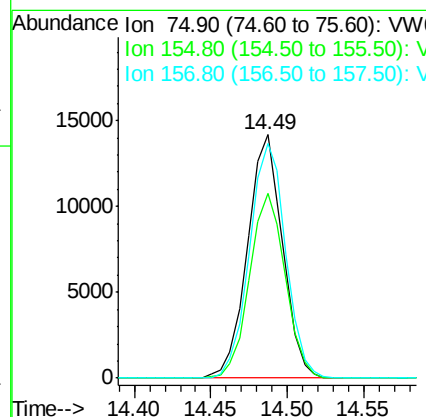
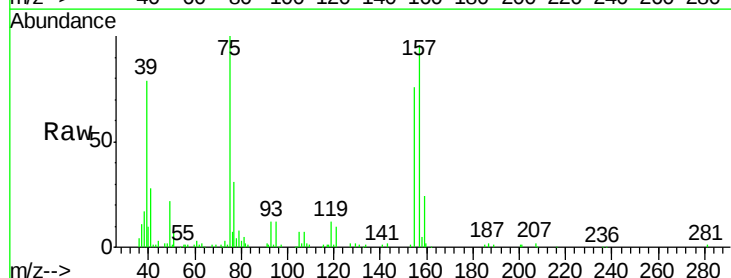
Manual Integrations
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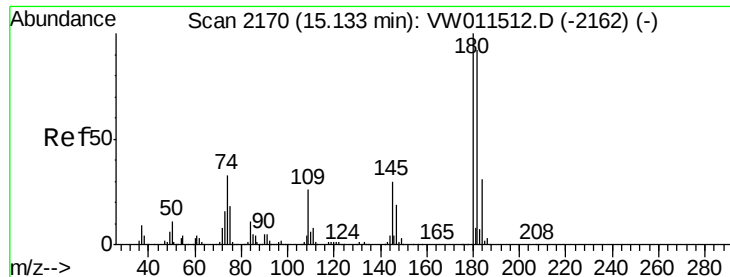
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.440 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.2	38.2	114.6
157	99.5	48.9	146.7





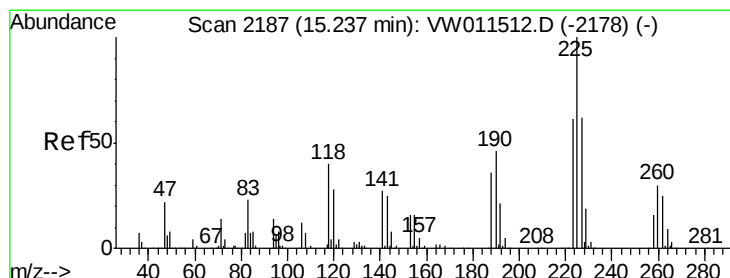
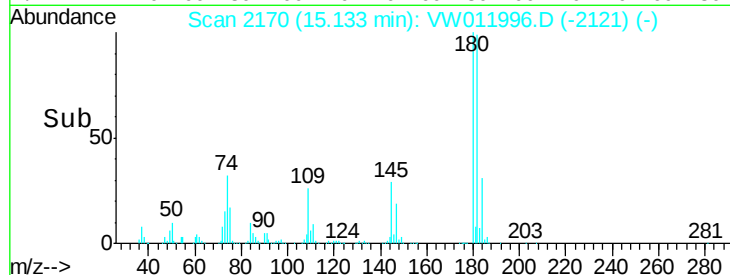
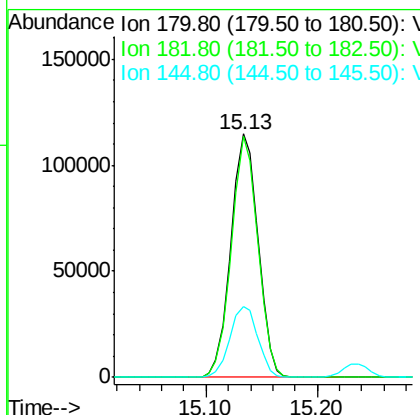
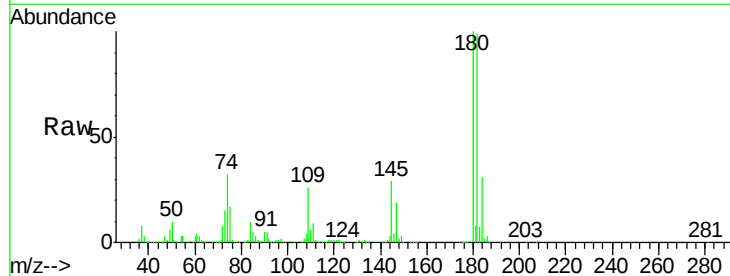
#93
 1,2,4-Trichlorobenzene
 Concen: 53.521 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	193998		
182	96.2	47.4	142.2	
145	30.1	15.4	46.1	

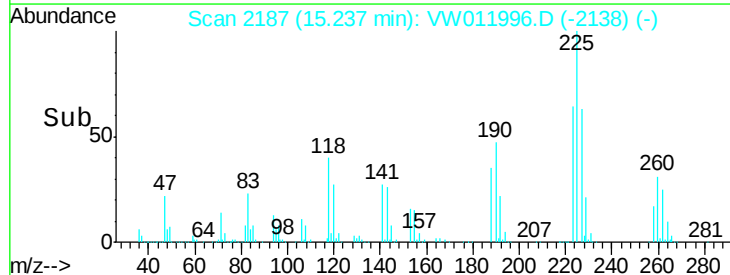
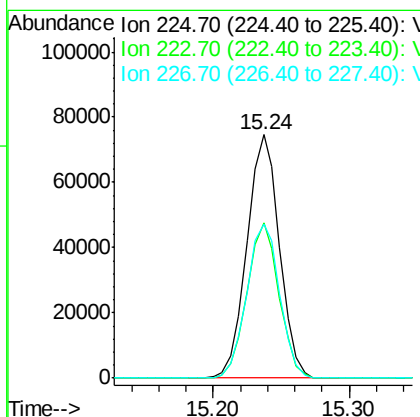
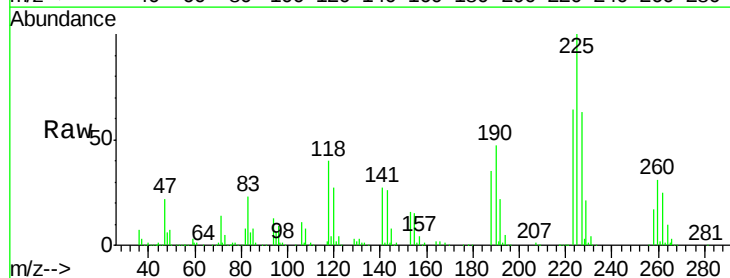
Manual Integrations
 APPROVED

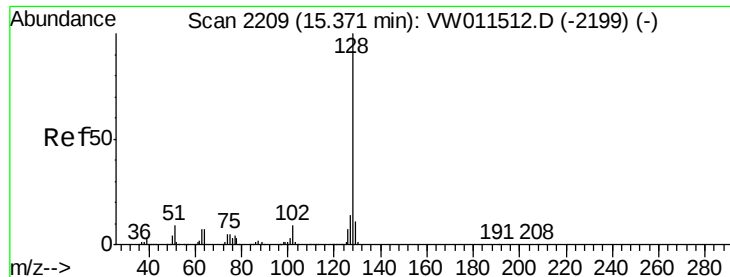
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#94
 Hexachlorobutadiene
 Concen: 55.110 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011996.D
 Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124571		
223	63.1	30.8	92.3	
227	64.5	31.6	94.7	





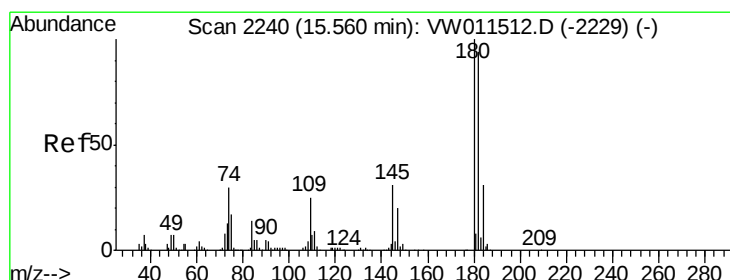
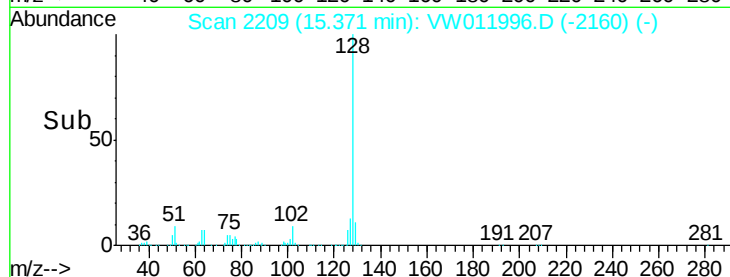
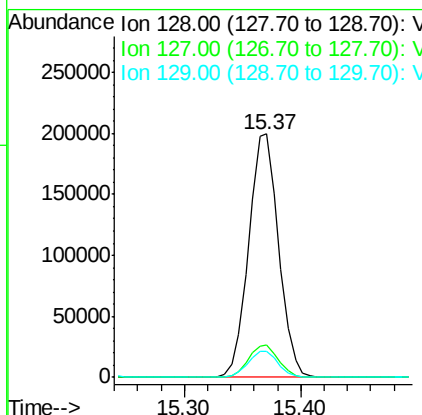
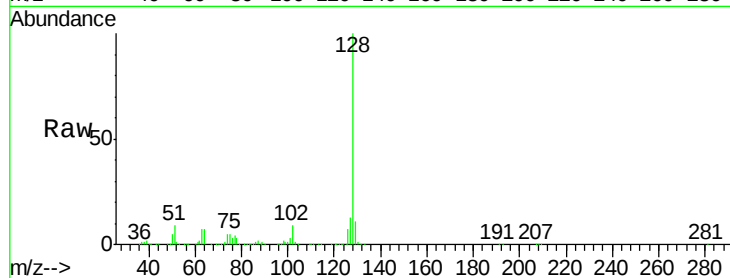
#95
Naphthalene
Concen: 50.360 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.237 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011996.D
Acq: 19 Aug 2019 17:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	32.3	15.9	47.7

