

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012811.D
 Acq On : 09 Sep 2019 09:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 11:24:30 AM

Quant Time: Sep 09 10:58:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	149474	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131644	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	7.88	113	109526	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.32	98	436603	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.62	95	155822	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	46761	38.988	ug/l	99
3) Chloromethane	2.21	50	67522	46.324	ug/l	96
4) Vinyl Chloride	2.36	62	82895	46.382	ug/l	98
5) Bromomethane	2.77	94	52576	54.175	ug/l	96
6) Chloroethane	2.90	64	52344	49.080	ug/l	96
7) Trichlorofluoromethane	3.25	101	48991	39.723	ug/l	91
8) Diethyl Ether	3.68	74	53795	51.897	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	85551	44.203	ug/l	95
10) Methyl Iodide	4.26	142	127491	52.327	ug/l	99
11) Tert butyl alcohol	5.22	59	40109	212.071	ug/l	98
12) 1,1-Dichloroethene	4.04	96	84299	46.140	ug/l	98
13) Acrolein	3.90	56	9307	46.372	ug/l	92
14) Allyl chloride	4.66	41	177083	46.854	ug/l	98
15) Acrylonitrile	5.36	53	137671	227.394	ug/l	99
16) Acetone	4.14	43	109280	162.160	ug/l	99
17) Carbon Disulfide	4.38	76	162249	41.837	ug/l	99
18) Methyl Acetate	4.67	43	77580	49.068	ug/l	94
19) Methyl tert-butyl Ether	5.42	73	195739	54.021	ug/l	97
20) Methylene Chloride	4.91	84	105925	50.241	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	97918	52.525	ug/l	92
22) Diisopropyl ether	6.31	45	412453	55.023	ug/l	98
23) Vinyl Acetate	6.25	43	1087791	228.980	ug/l	99
24) 1,1-Dichloroethane	6.21	63	217777	53.956	ug/l	97
25) 2-Butanone	7.17	43	183020	189.608	ug/l	99
26) 2,2-Dichloropropane	7.17	77	102910	40.369	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	123739	57.245	ug/l	94
28) Bromochloromethane	7.51	49	95147	51.339	ug/l #	93
29) Tetrahydrofuran	7.53	42	117977	216.789	ug/l	97
30) Chloroform	7.67	83	218849	54.711	ug/l	97
31) Cyclohexane	7.95	56	153177	42.155	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	165845	51.148	ug/l	99
36) 1,1-Dichloropropene	8.08	75	145921	46.056	ug/l	99
37) Ethyl Acetate	7.25	43	82419	40.807	ug/l	98
38) Carbon Tetrachloride	8.07	117	142807	45.725	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	154244	43.346	ug/l	97
40) Benzene	8.32	78	443900	50.498	ug/l	100
41) Methacrylonitrile	7.48	41	58763	43.353	ug/l	96
42) 1,2-Dichloroethane	8.40	62	151194	48.871	ug/l	99
43) Isopropyl Acetate	8.42	43	166685	43.561	ug/l	96
44) Trichloroethene	9.09	130	115577	51.007	ug/l	88
45) 1,2-Dichloropropane	9.37	63	123990	50.856	ug/l	99
46) Dibromomethane	9.46	93	57121	49.476	ug/l	98
47) Bromodichloromethane	9.64	83	161105	50.720	ug/l	99
48) Methyl methacrylate	9.43	41	85812	46.927	ug/l	95
49) 1,4-Dioxane	9.47	88	19168	840.512	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	422607	210.477	ug/l	98
52) Toluene	10.38	92	281902	51.381	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	156575	47.939	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	183336	49.481	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	88066	50.951	ug/l	98
56) Ethyl methacrylate	10.65	69	121998	48.218	ug/l	98
57) 1,3-Dichloropropane	10.93	76	157181	49.156	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	335519	249.792	ug/l	97
59) 2-Hexanone	10.97	43	284000	193.605	ug/l	100
60) Dibromochloromethane	11.13	129	102436	50.392	ug/l	99
61) 1,2-Dibromoethane	11.23	107	78227	49.366	ug/l	99
64) Tetrachloroethene	10.86	164	117622	61.558	ug/l	99
65) Chlorobenzene	11.66	112	307896	51.732	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	116036	52.352	ug/l	98
67) Ethyl Benzene	11.73	91	568210	50.883	ug/l	99
68) m/p-Xylenes	11.84	106	413602	102.611	ug/l	98
69) o-Xylene	12.16	106	199794	52.540	ug/l	98
70) Styrene	12.18	104	355246	52.867	ug/l	99
71) Bromoform	12.35	173	58143	47.216	ug/l #	99
73) Isopropylbenzene	12.46	105	557075	51.963	ug/l	100
74) N-amyl acetate	12.27	43	152235	44.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	96417	44.782	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79246m	51.848	ug/l	
77) Bromobenzene	12.74	156	130441	53.704	ug/l	93
78) n-propylbenzene	12.80	91	644740	50.284	ug/l	99
79) 2-Chlorotoluene	12.89	91	382069	51.907	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	469989	52.026	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28217	39.047	ug/l	99
82) 4-Chlorotoluene	12.99	91	399462	51.306	ug/l	99
83) tert-Butylbenzene	13.21	119	419115	52.470	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	471248	51.770	ug/l	100
85) sec-Butylbenzene	13.38	105	548490	49.485	ug/l	99
86) p-Isopropyltoluene	13.49	119	501266	49.511	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	246792	51.694	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	242669	51.083	ug/l	99
89) n-Butylbenzene	13.82	91	461731	46.977	ug/l	100
90) Hexachloroethane	14.09	117	90952	51.460	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	221719	51.599	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16334	41.456	ug/l	97

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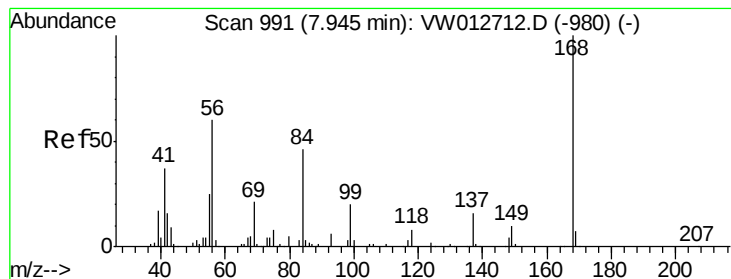
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	153571	51.333	ug/l	97
94) Hexachlorobutadiene	15.24	225	99963	48.275	ug/l	98
95) Naphthalene	15.36	128	274521	44.328	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	134545	50.950	ug/l	98

(#) = 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: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 221237

Ion Ratio Lower Upper

168 100

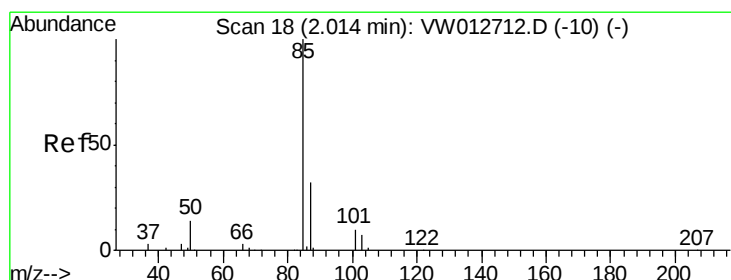
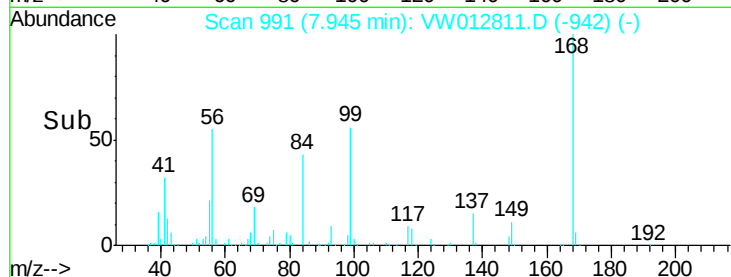
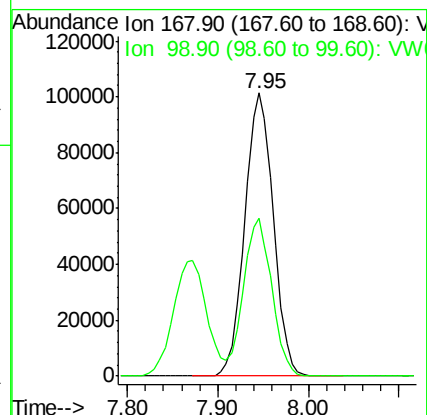
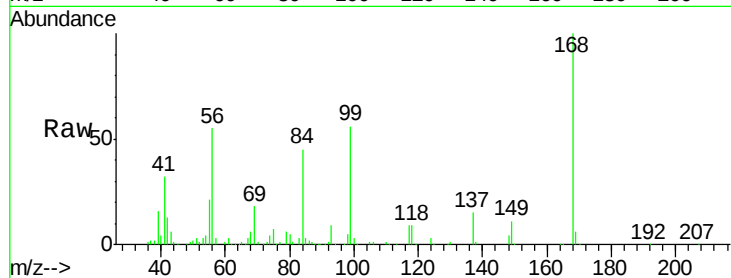
99 55.6 47.8 71.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 38.988 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012811.D

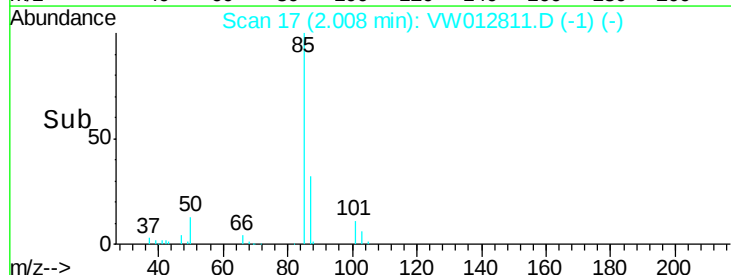
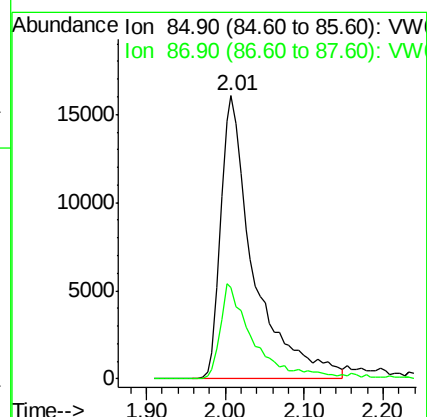
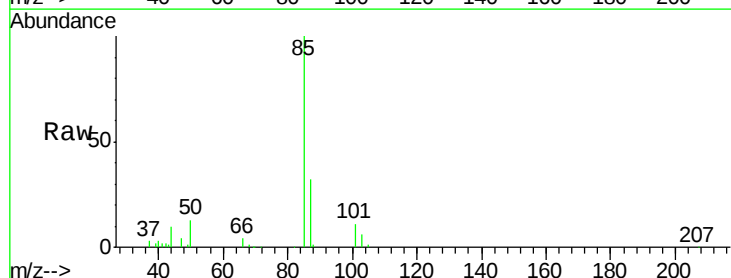
Acq: 09 Sep 2019 09:50

Tgt Ion: 85 Resp: 46761

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4





#3

Chloromethane

Concen: 46.324 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 67522

Ion Ratio Lower Upper

50 100

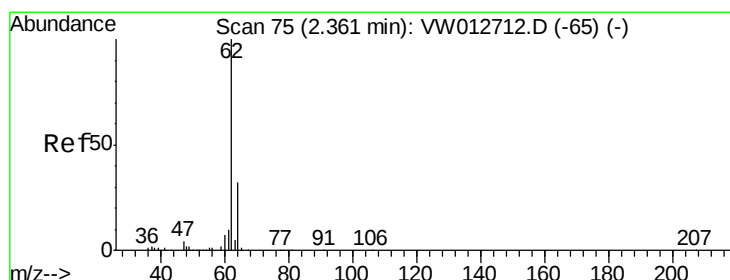
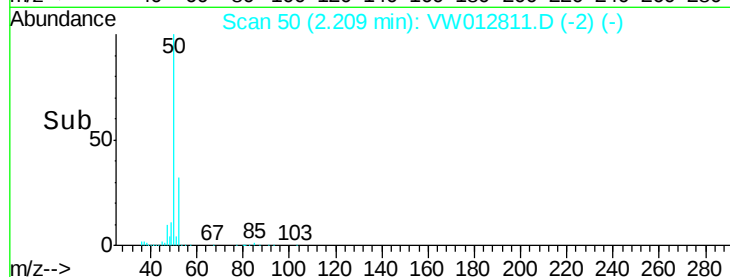
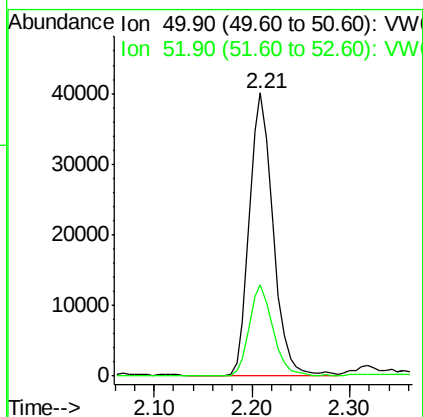
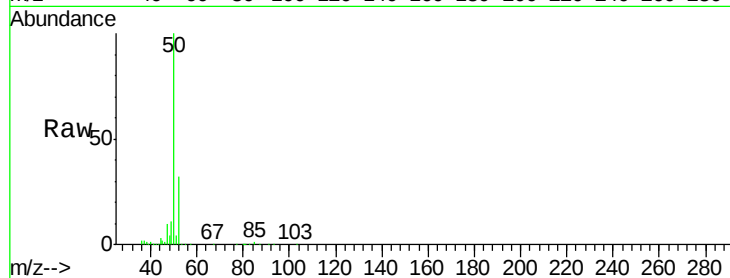
52 32.3 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.382 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW012811.D

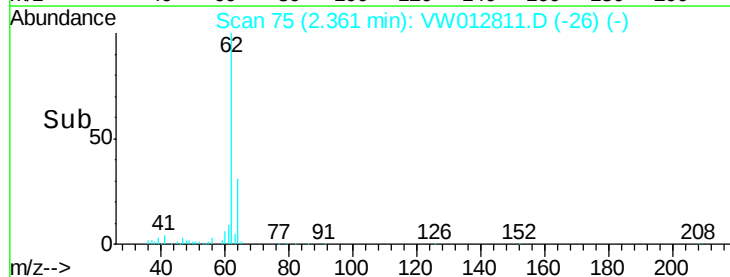
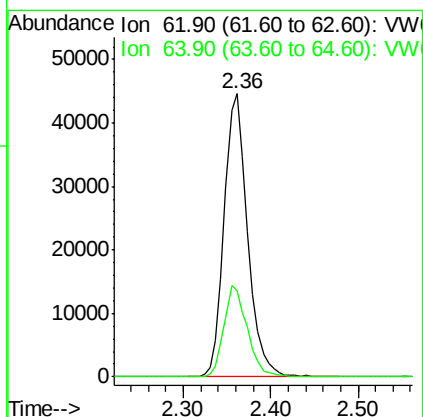
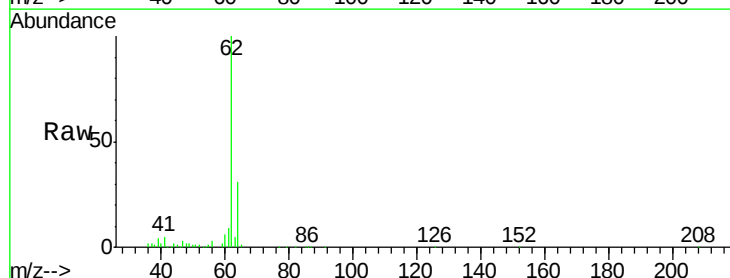
Acq: 09 Sep 2019 09:50

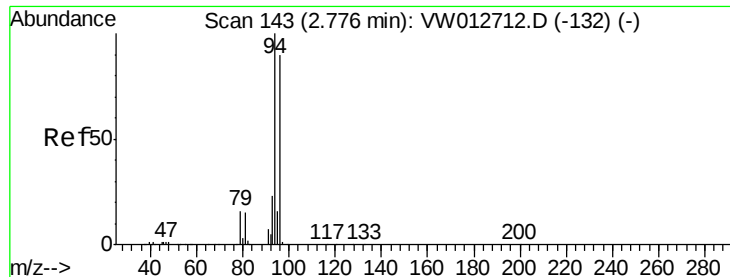
Tgt Ion: 62 Resp: 82895

Ion Ratio Lower Upper

62 100

64 30.6 25.3 37.9





#5

Bromomethane

Concen: 54.175 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 52576

Ion Ratio Lower Upper

94 100

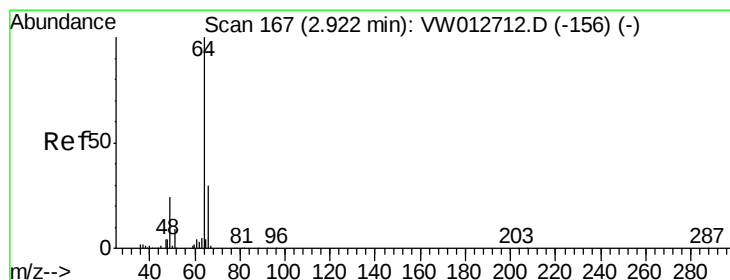
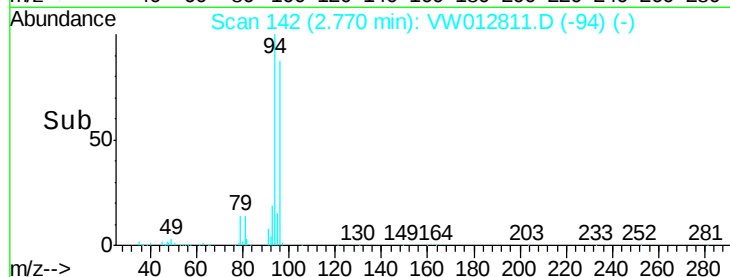
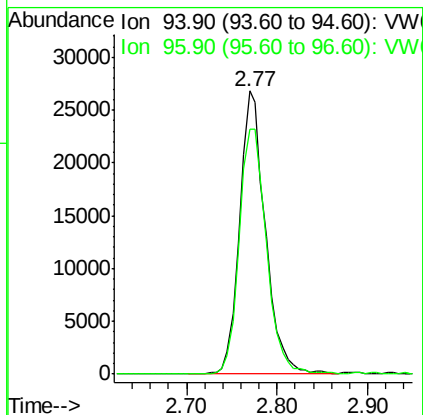
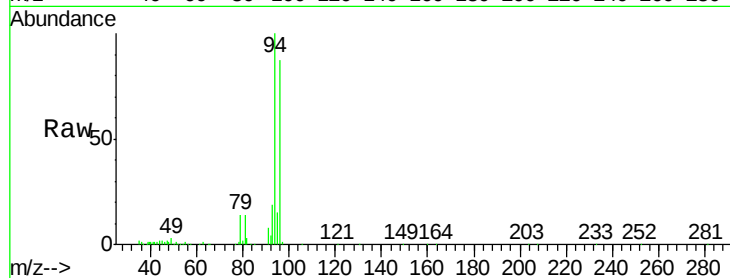
96 86.4 72.1 108.1

Manual Integrations

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#6

Chloroethane

Concen: 49.080 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: VW012811.D

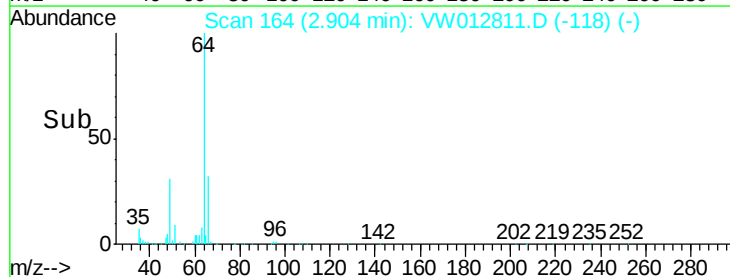
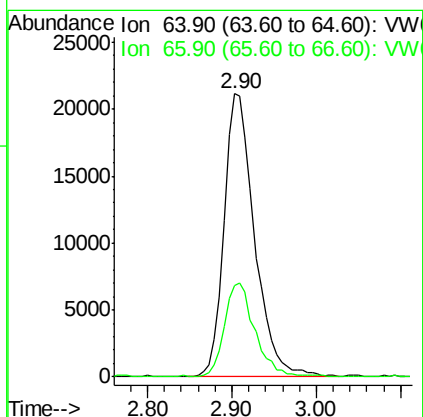
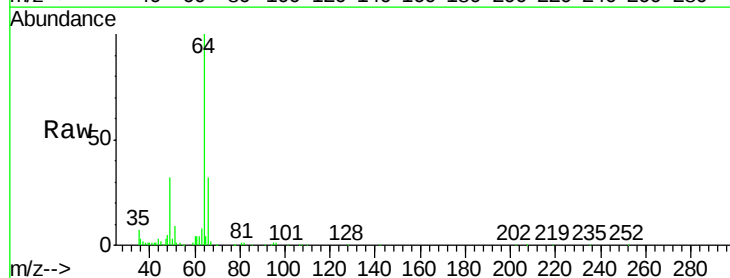
Acq: 09 Sep 2019 09:50

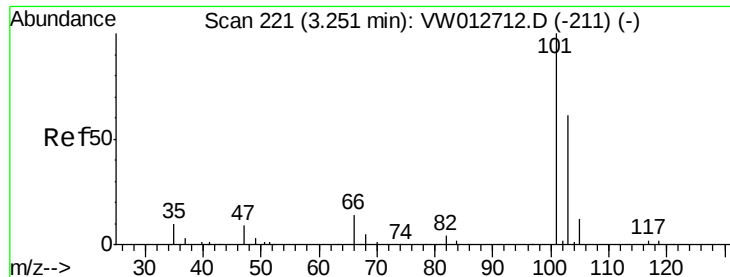
Tgt Ion: 64 Resp: 52344

Ion Ratio Lower Upper

64 100

66 32.1 23.8 35.6





#7

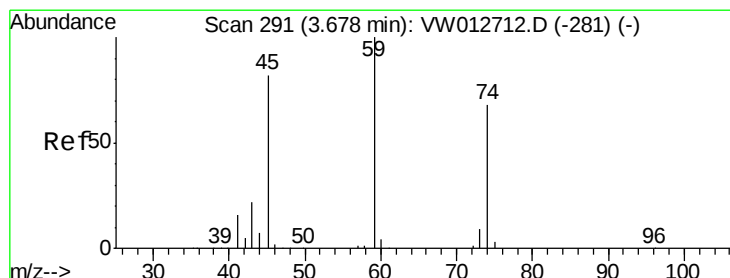
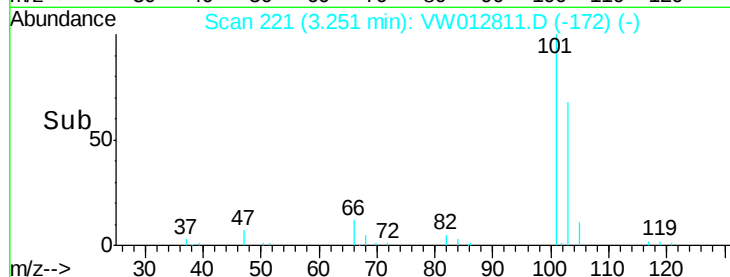
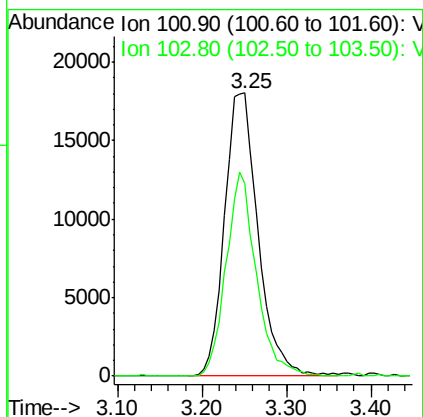
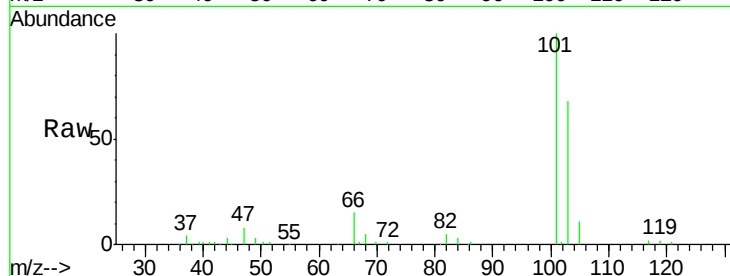
Trichlorofluoromethane
 Concen: 39.723 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.1	49.0	73.4

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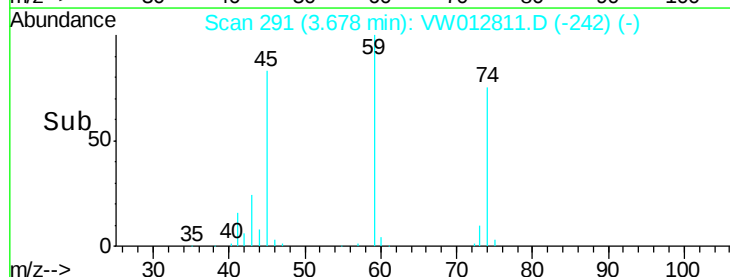
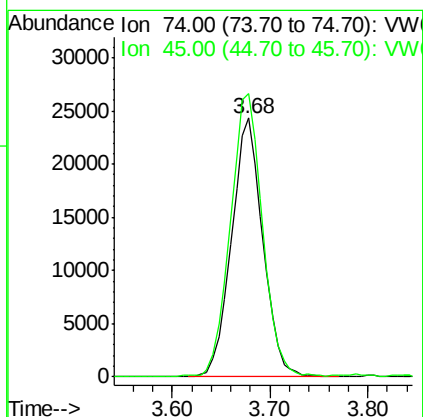
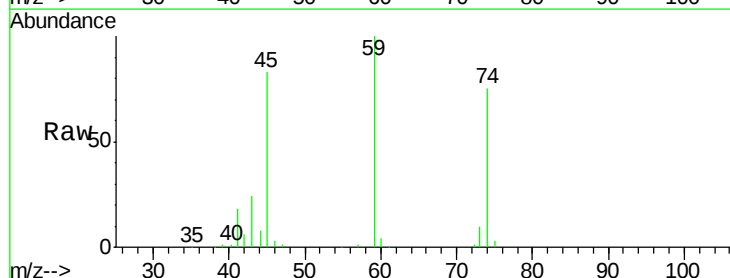
MMDadoda
 9/9/2019 11:24:30 AM

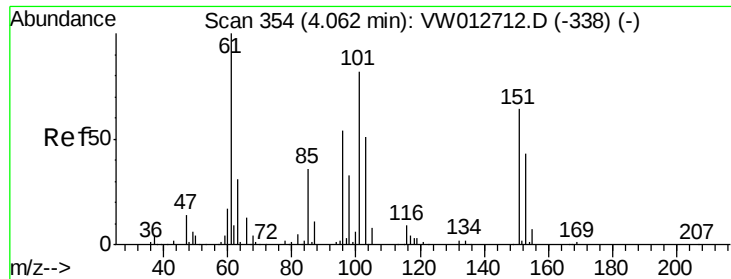


#8

Diethyl Ether
 Concen: 51.897 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.5	58.8	176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.203 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

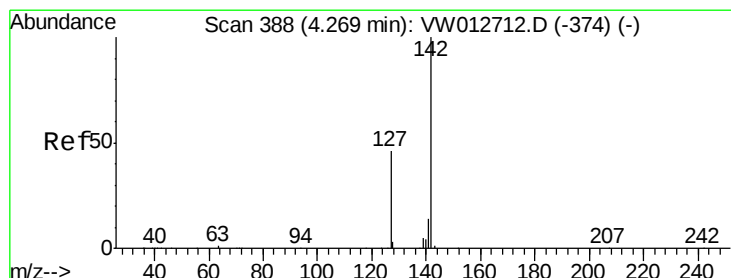
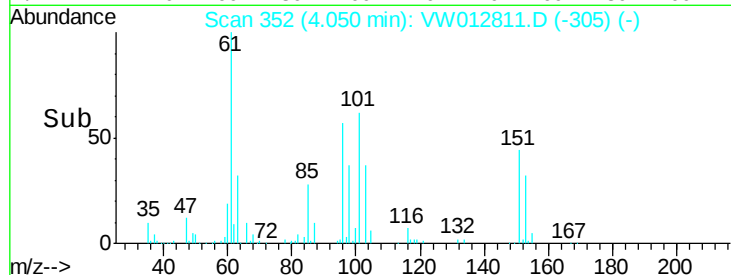
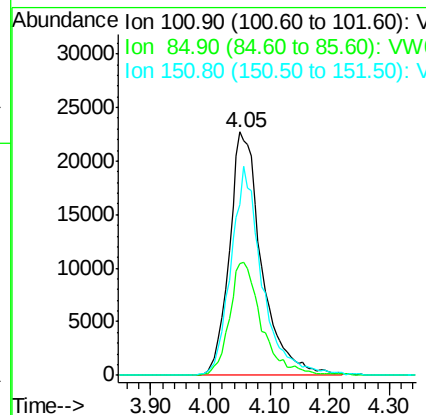
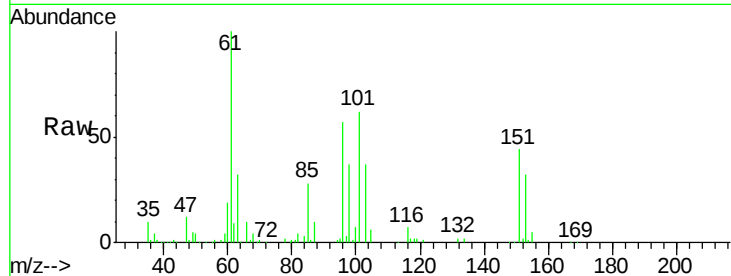
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	85551
Ion Ratio	Lower	Upper	
101	100		
85	46.3	36.2	54.2
151	82.9	61.9	92.9

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#10

Methyl Iodide

Concen: 52.327 ug/l

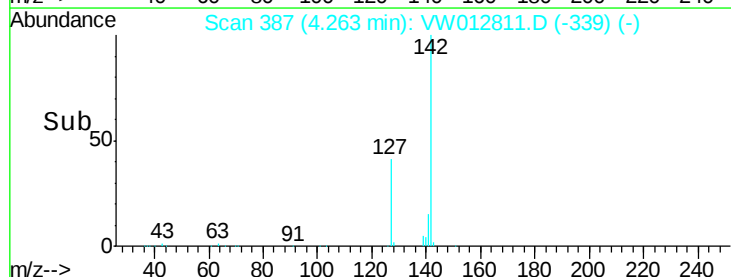
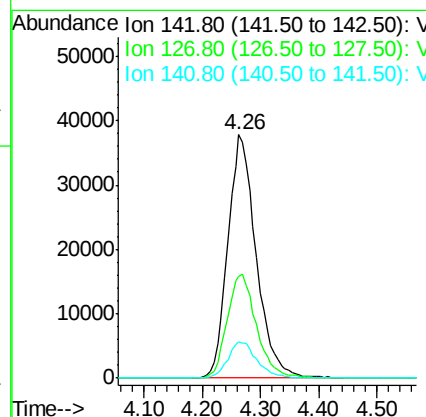
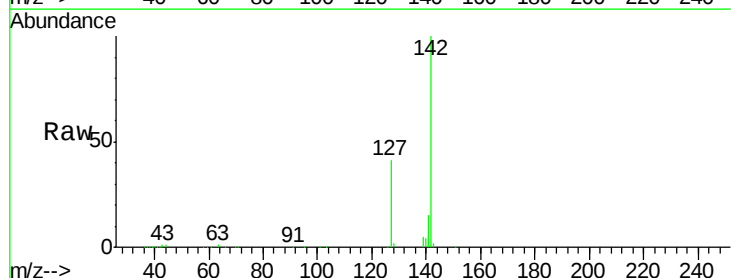
RT: 4.26 min Scan# 387

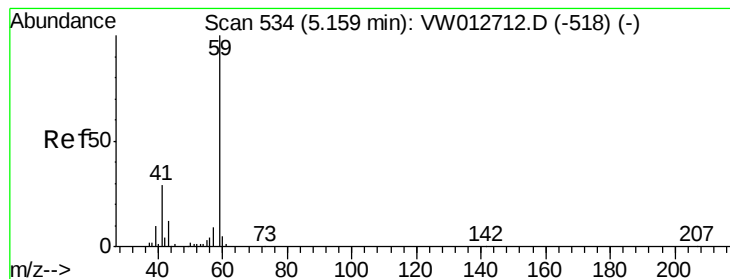
Delta R.T. -0.01 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Tgt Ion:	142	Resp:	127491
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.0	54.0
141	15.3	12.2	18.4





#11

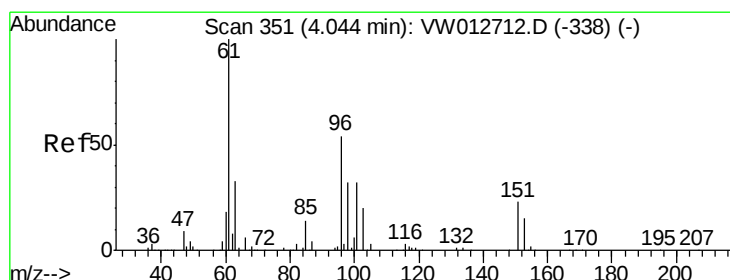
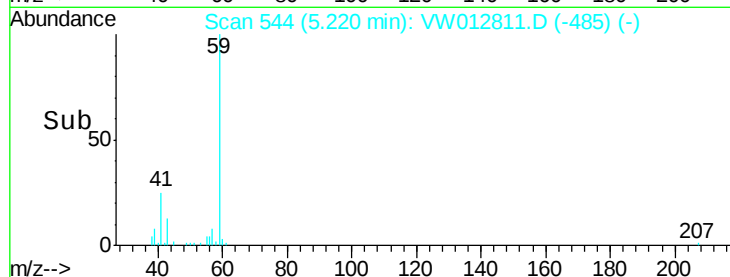
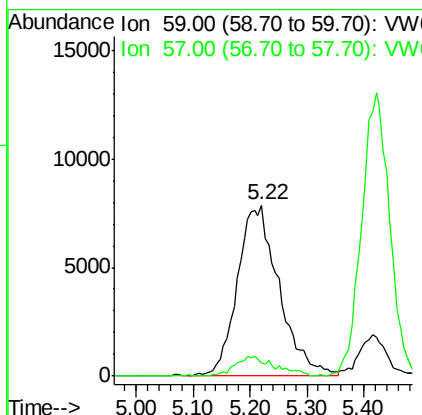
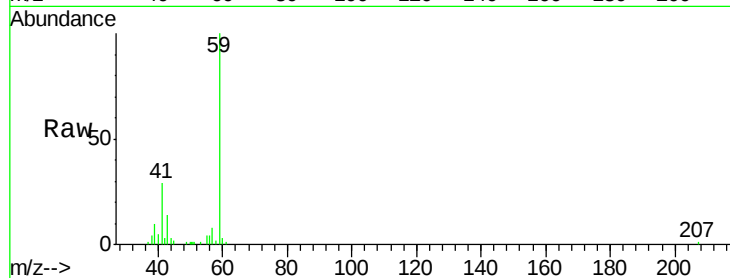
Tert butyl alcohol
 Concen: 212.071 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.06 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.2	12.4

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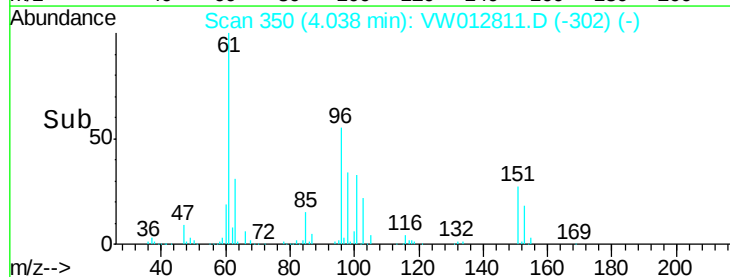
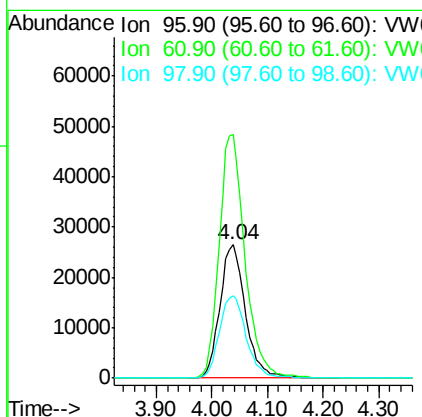
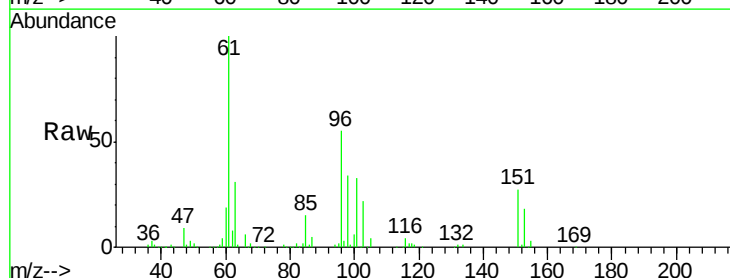
MMDadoda
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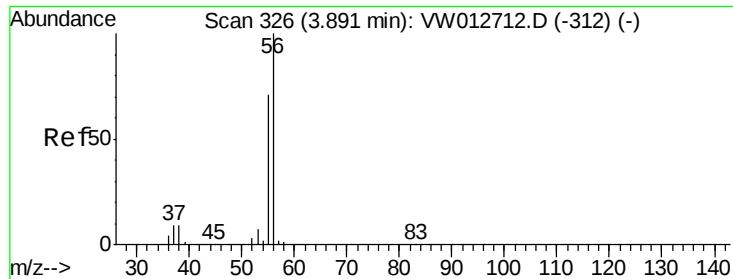


#12

1,1-Dichloroethene
 Concen: 46.140 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.7	147.8	221.6
98	61.7	47.9	71.9





#13

Acrolein

Concen: 46.372 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 9307

Ion Ratio Lower Upper

56 100

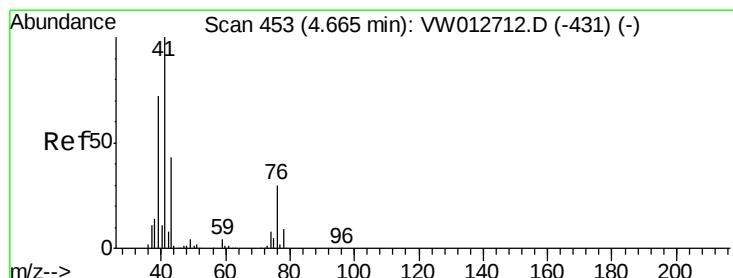
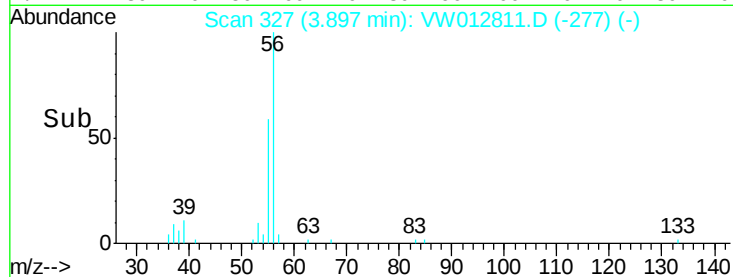
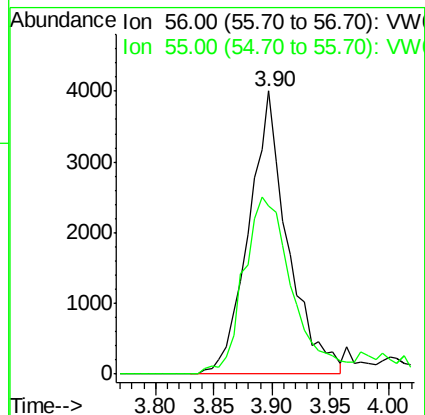
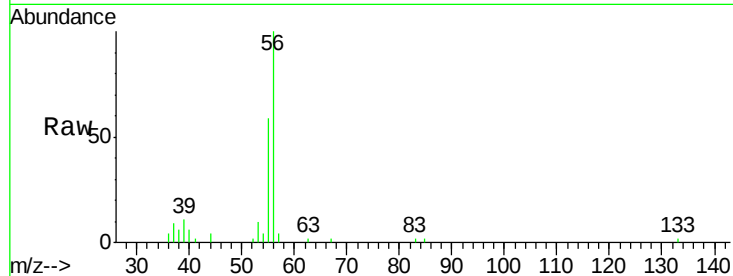
55 77.9 56.9 85.3

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#14

Allyl chloride

Concen: 46.854 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

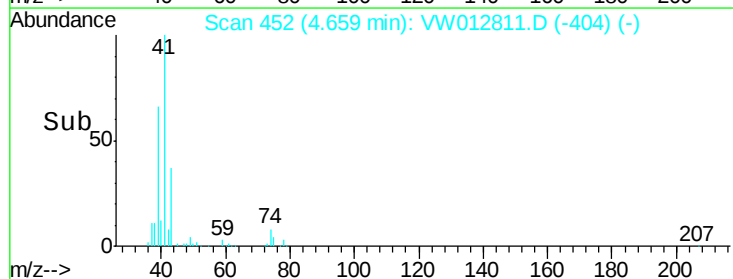
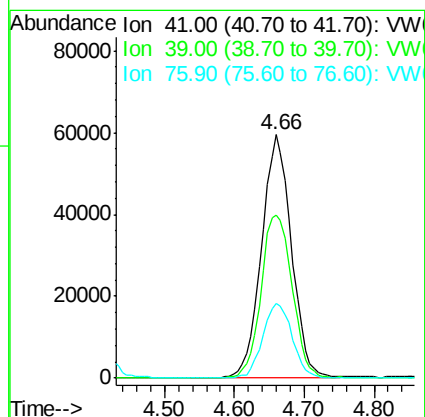
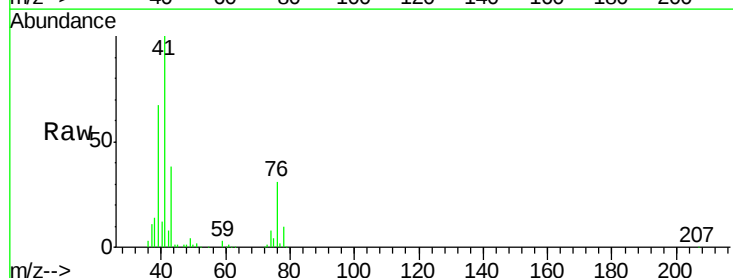
Tgt Ion: 41 Resp: 177083

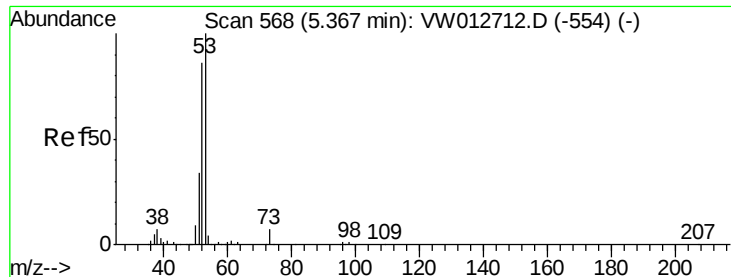
Ion Ratio Lower Upper

41 100

39 69.6 55.0 82.6

76 30.3 23.0 34.4





#15

Acrylonitrile

Concen: 227.394 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

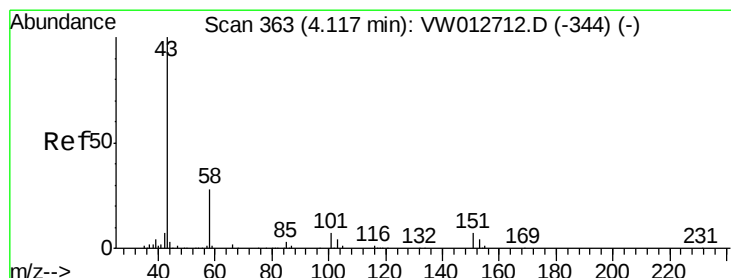
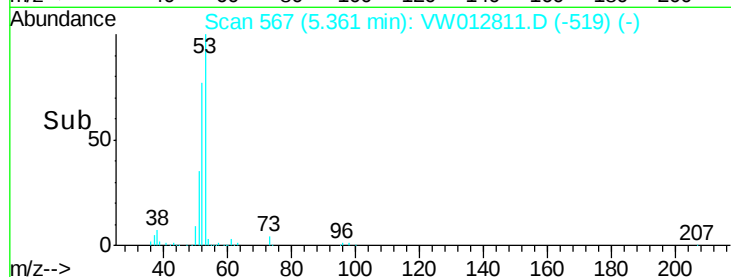
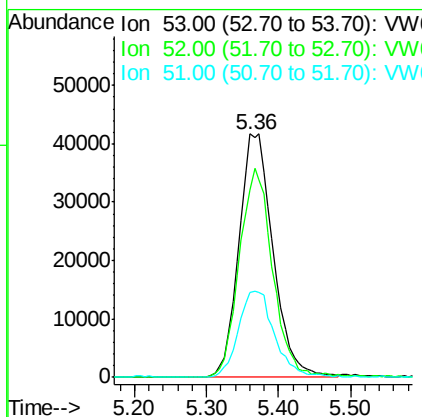
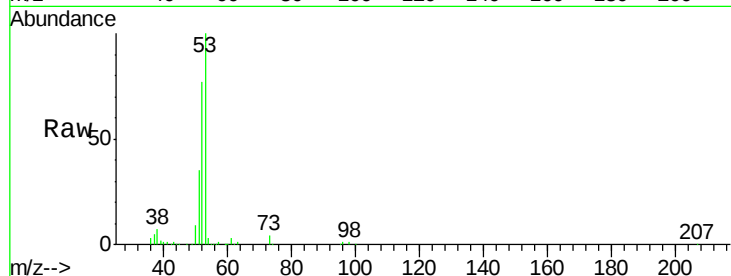
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	137671
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.0	100.4
51	37.5	29.8	44.8

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#16

Acetone

Concen: 162.160 ug/l

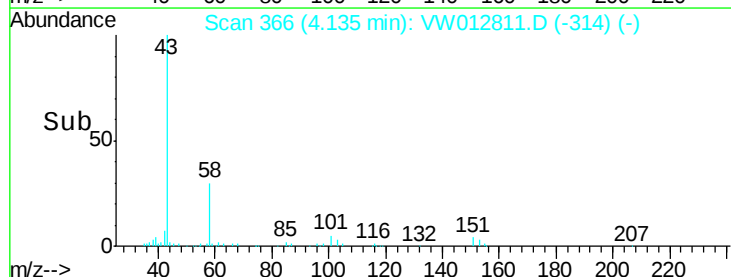
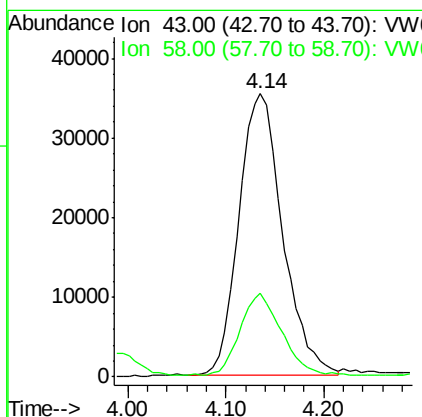
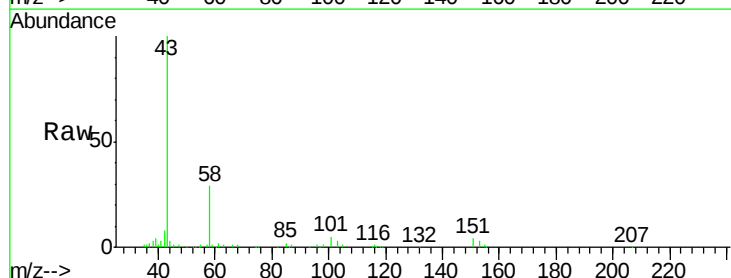
RT: 4.14 min Scan# 366

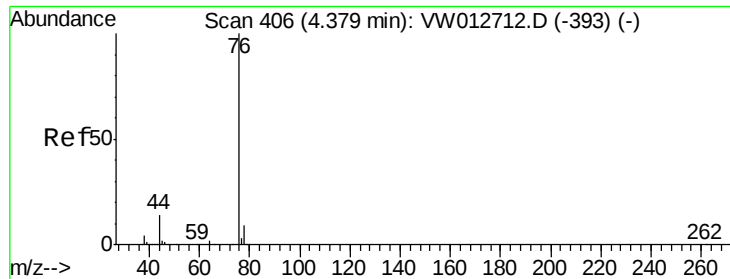
Delta R.T. 0.02 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Tgt Ion:	43	Resp:	109280
Ion	Ratio	Lower	Upper
43	100		
58	28.9	22.6	33.8





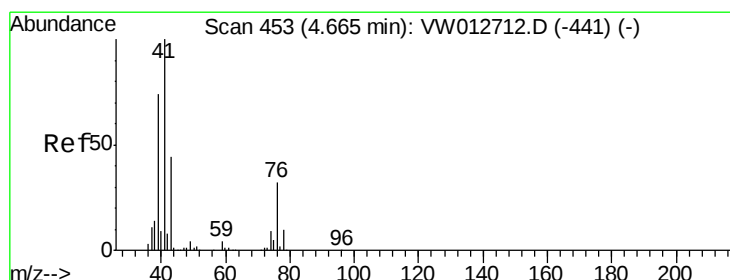
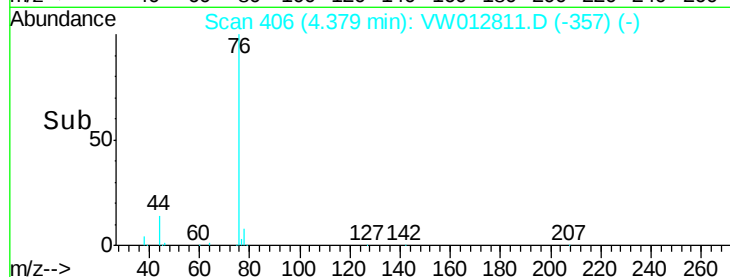
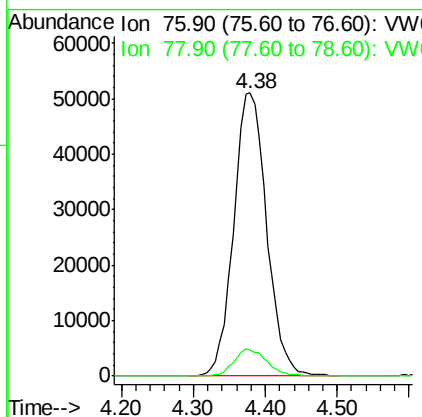
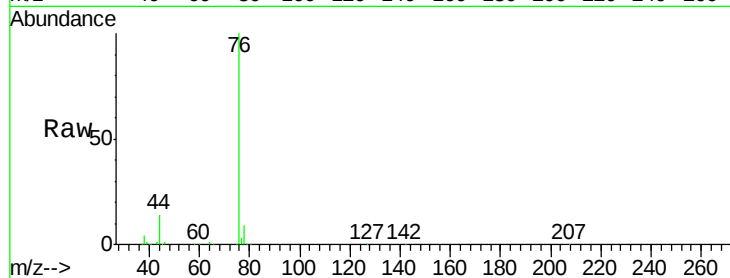
#17
Carbon Disulfide
Concen: 41.837 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

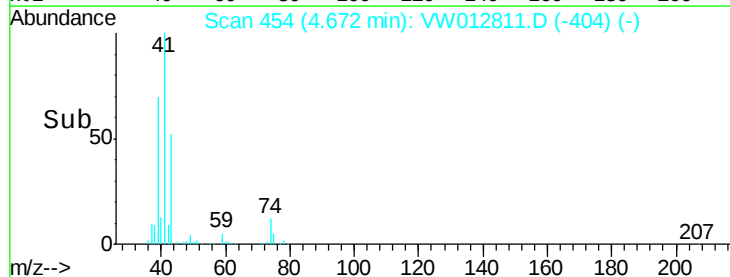
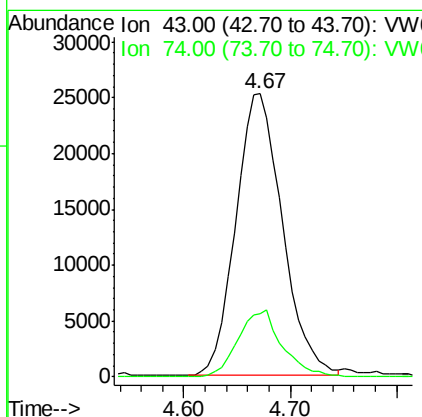
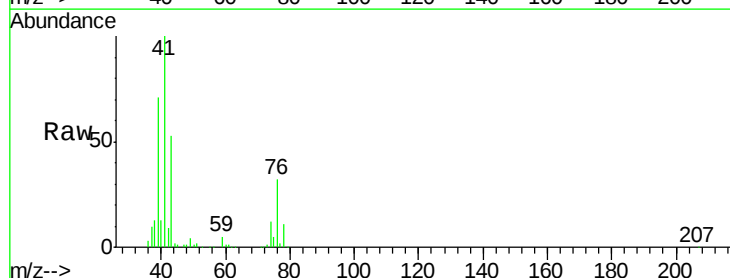
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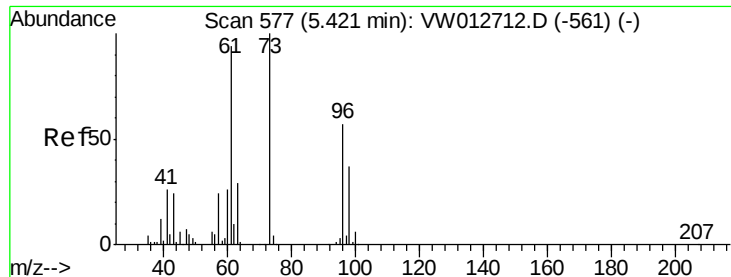
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#18
Methyl Acetate
Concen: 49.068 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	15.8	23.6





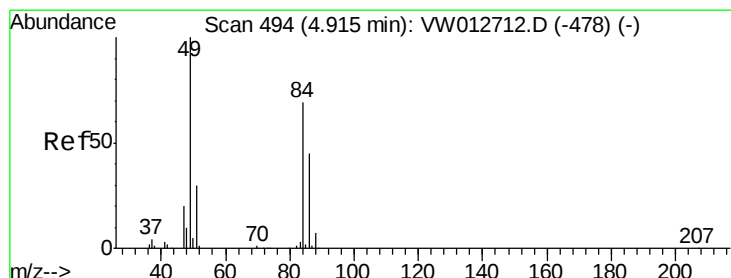
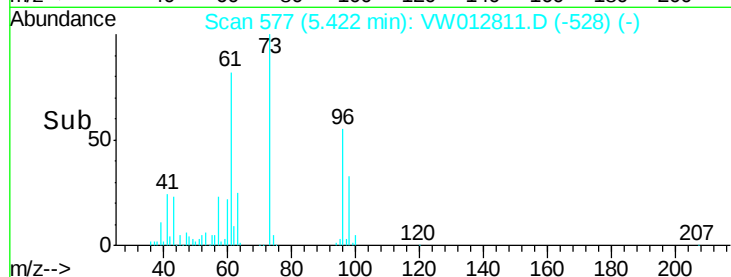
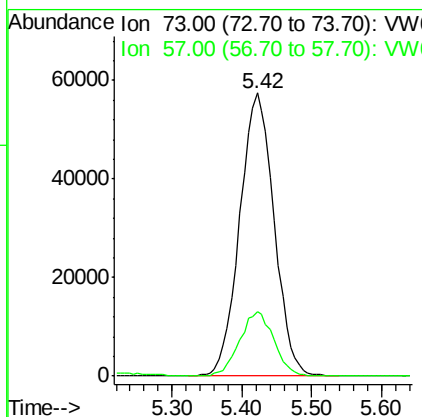
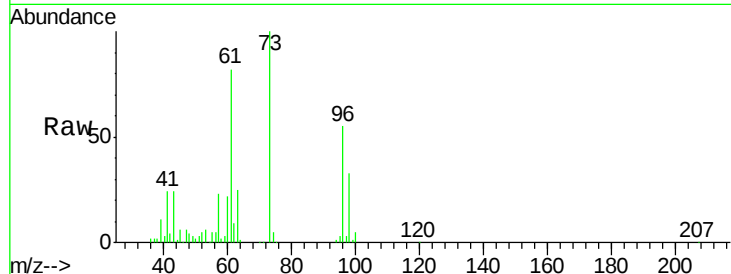
#19
Methvl tert-butvl Ether
Concen: 54.021 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	19.2	28.8

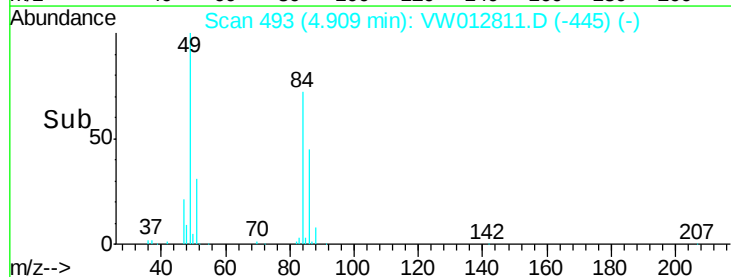
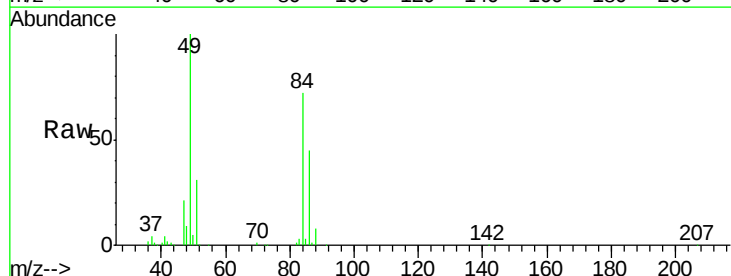
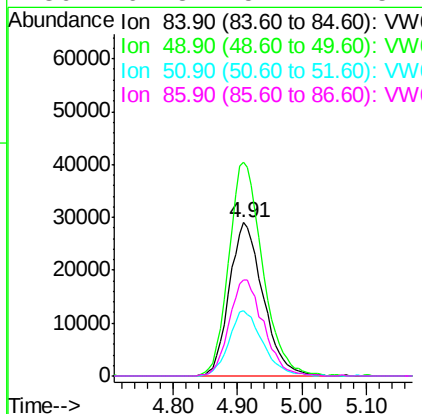
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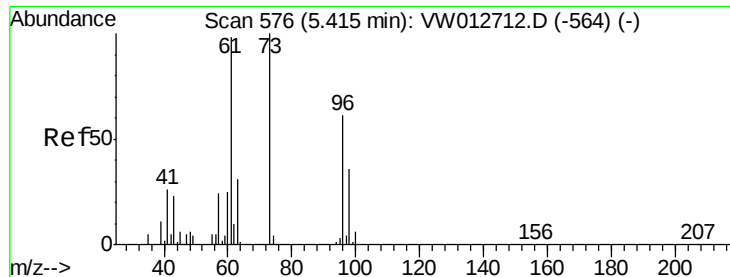
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#20
Methylene Chloride
Concen: 50.241 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.3	115.4	173.0
51	42.7	34.9	52.3
86	62.8	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 52.525 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 97918

Ion Ratio Lower Upper

96 100

61 148.5 129.2 193.8

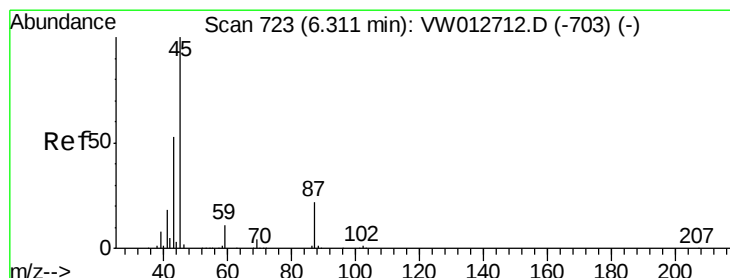
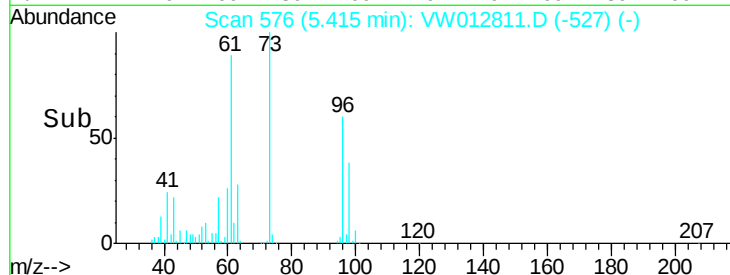
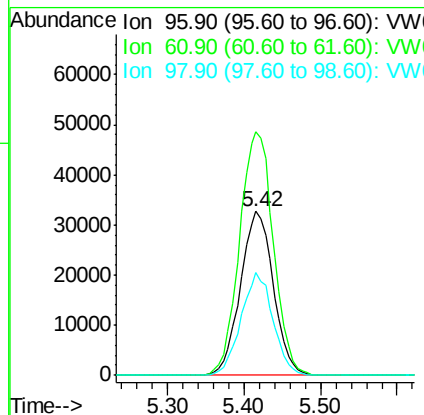
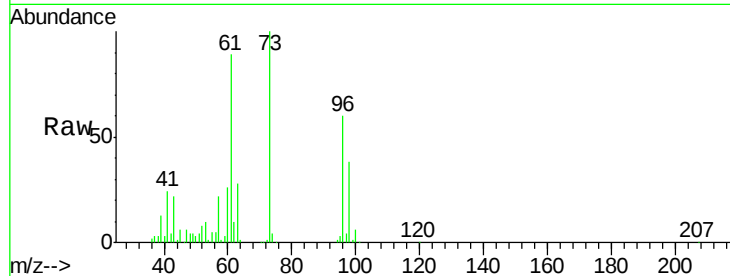
98 62.4 48.0 72.0

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#22

Diisopropyl ether

Concen: 55.023 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Tgt Ion: 45 Resp: 412453

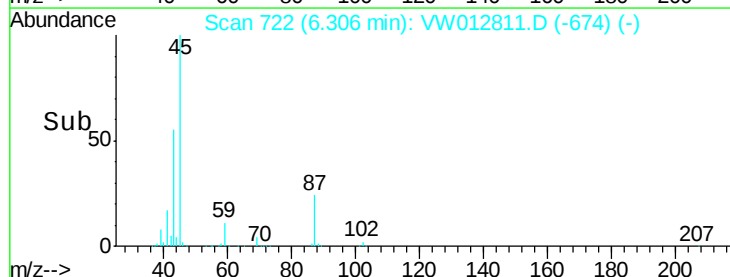
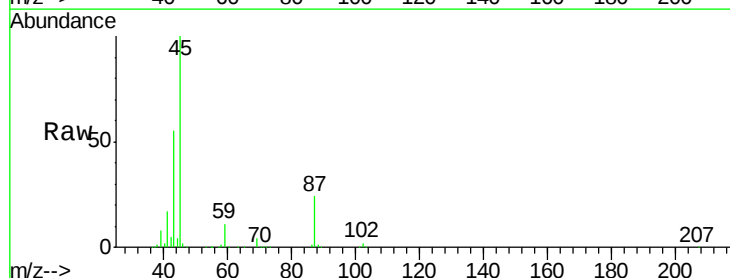
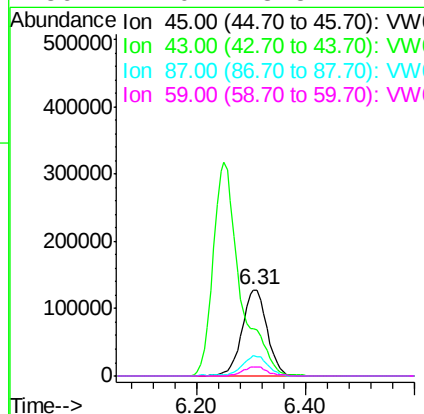
Ion Ratio Lower Upper

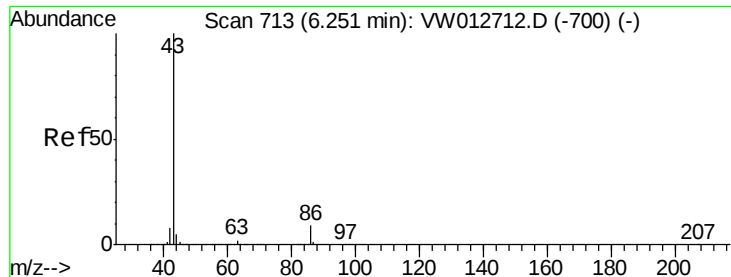
45 100

43 54.6 42.3 63.5

87 24.3 18.2 27.2

59 11.0 8.5 12.7





#23

Vinyl Acetate

Concen: 228.980 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Tot Ion: 43 Resp: 1087791

Ion Ratio Lower Upper

43 100

86 9.0 7.0 10.6

Instrument :

MSVOA_W

ClientSampleId :

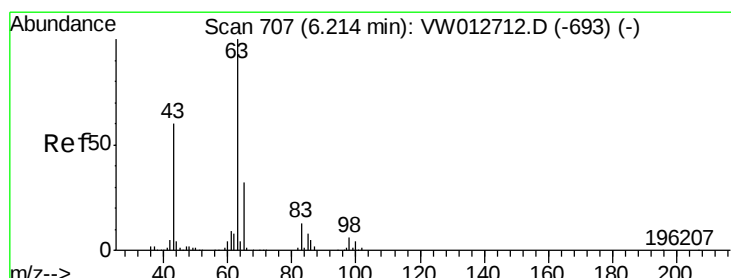
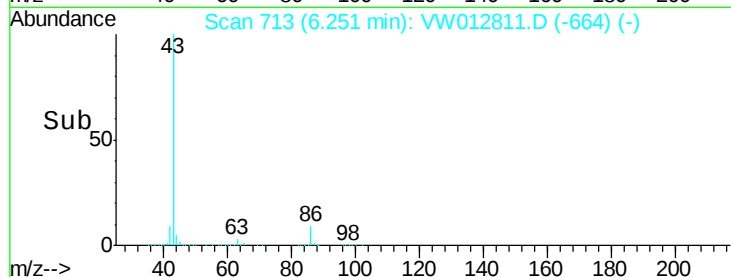
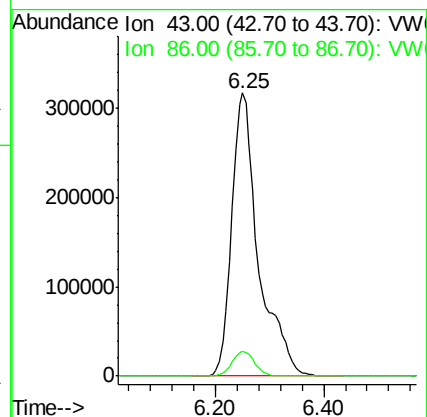
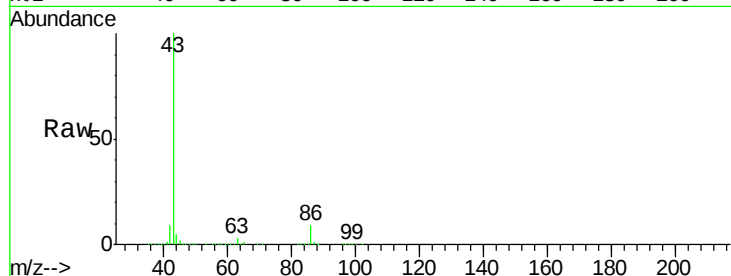
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 53.956 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

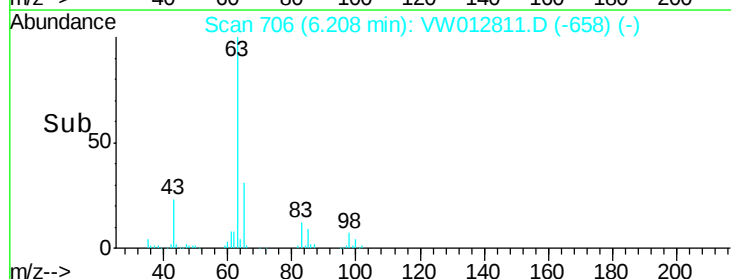
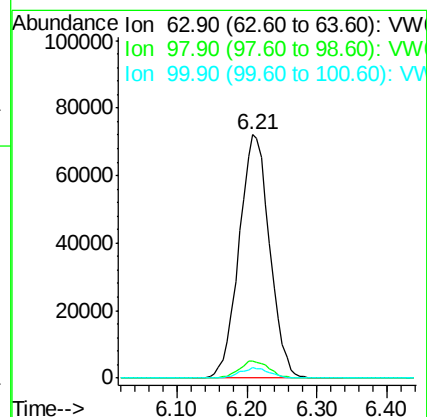
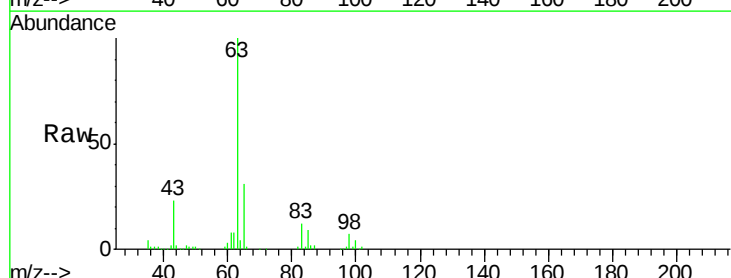
Tgt Ion: 63 Resp: 217777

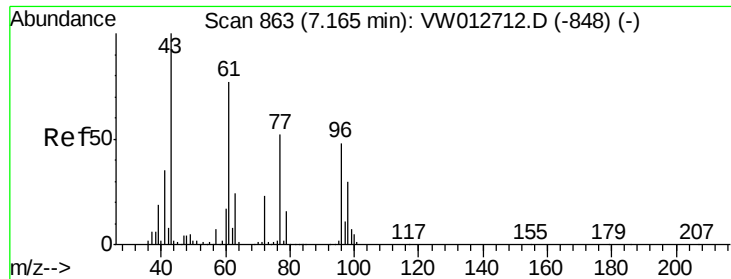
Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.3

100 4.5 1.8 5.5





#25

2-Butanone

Concen: 189.608 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 183020

Ion Ratio Lower Upper

43 100

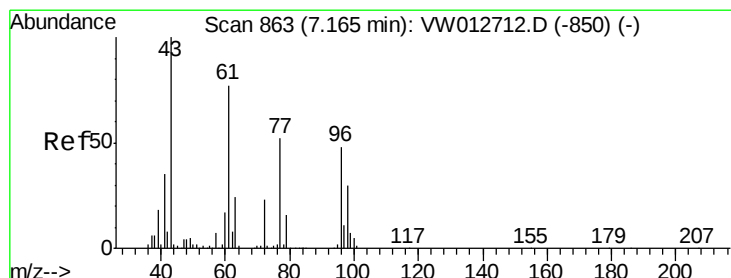
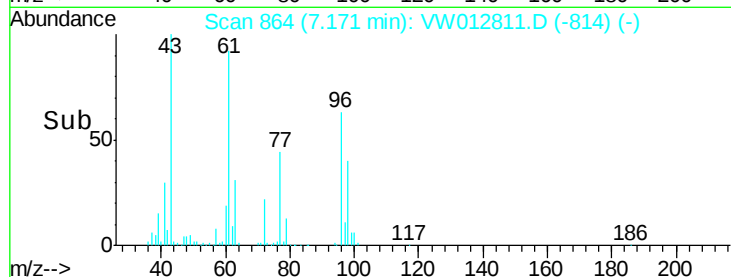
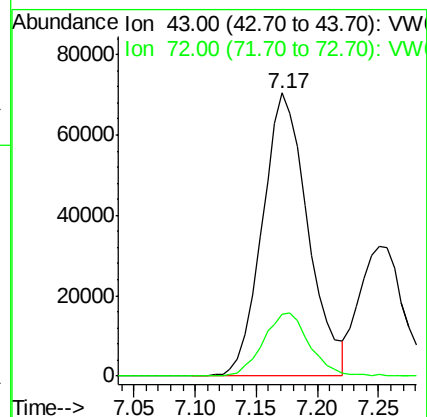
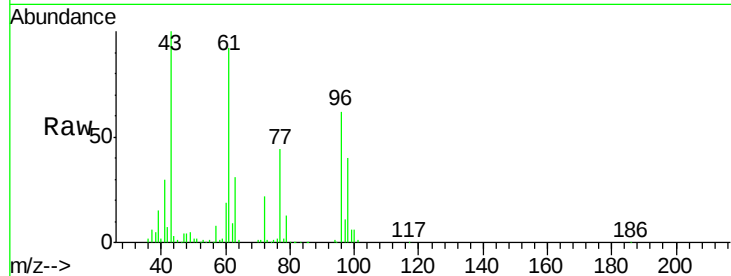
72 22.0 18.0 27.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.369 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012811.D

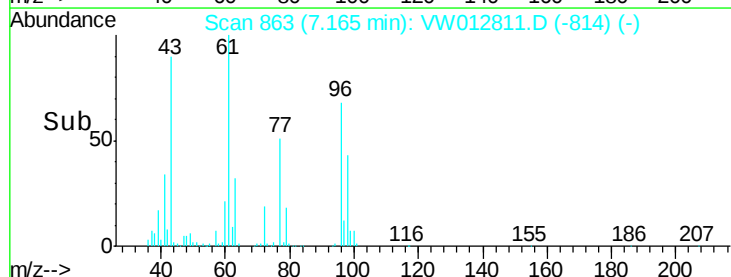
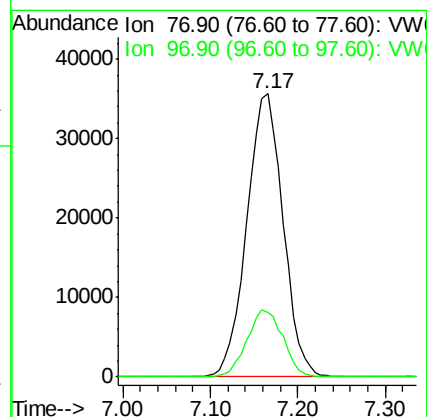
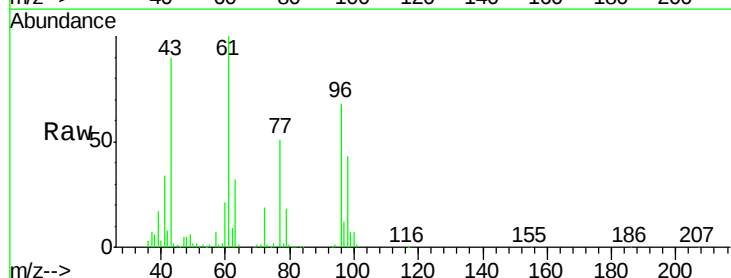
Acq: 09 Sep 2019 09:50

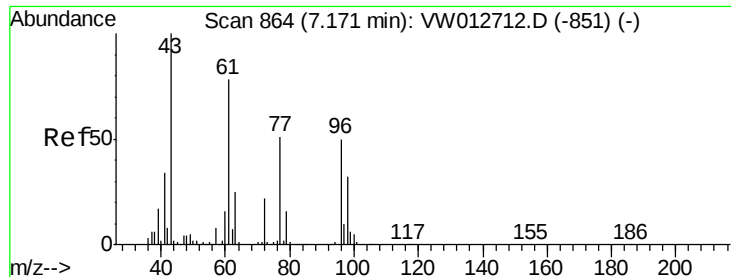
Tgt Ion: 77 Resp: 102910

Ion Ratio Lower Upper

77 100

97 23.6 10.7 32.1





#27

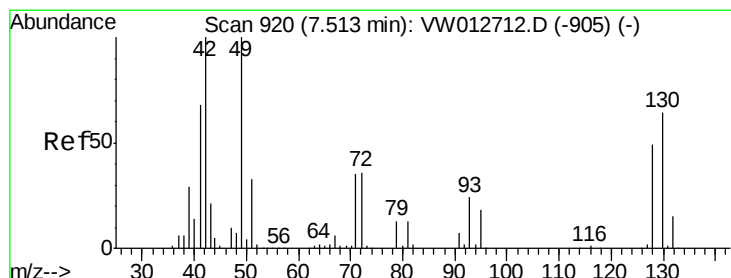
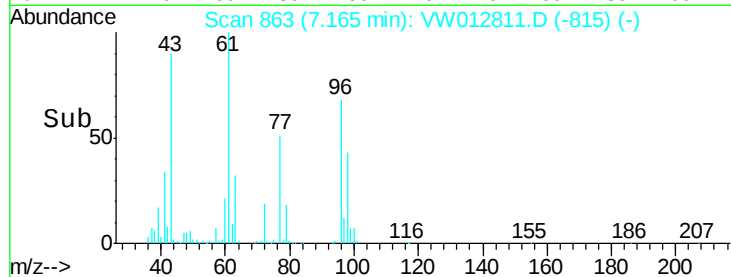
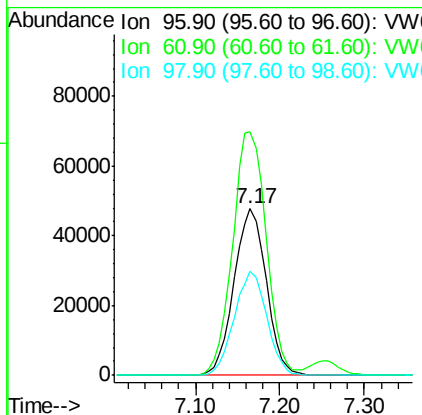
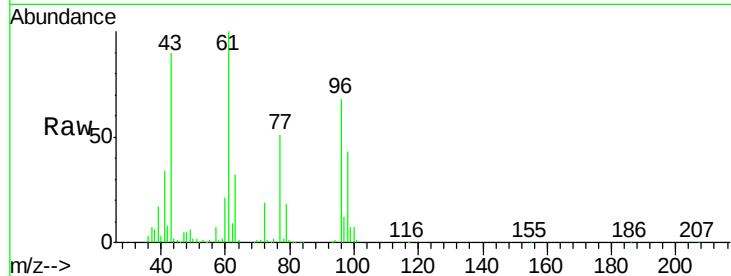
cis-1,2-Dichloroethene
 Concen: 57.245 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.4	0.0	325.8
98	62.8	0.0	127.0

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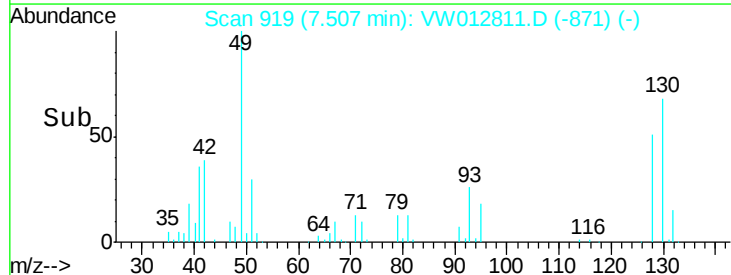
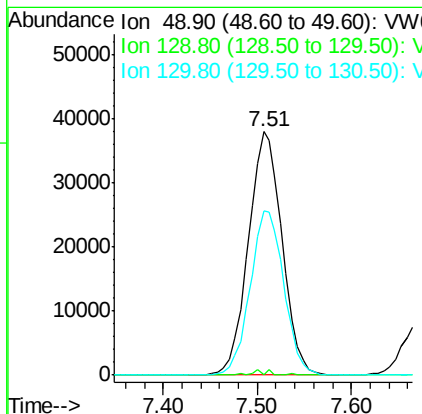
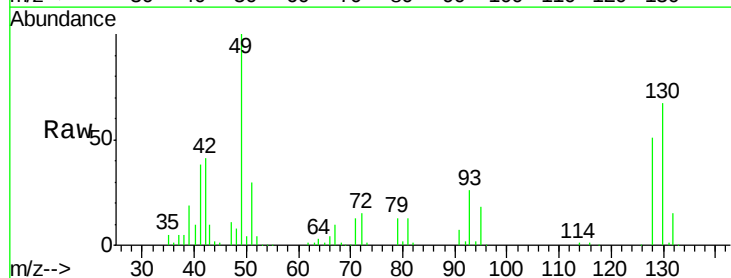
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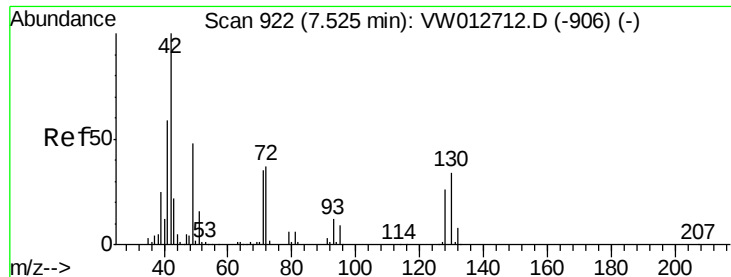


#28

Bromochloromethane
 Concen: 51.339 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	0.8#
130	67.5	49.8	74.8





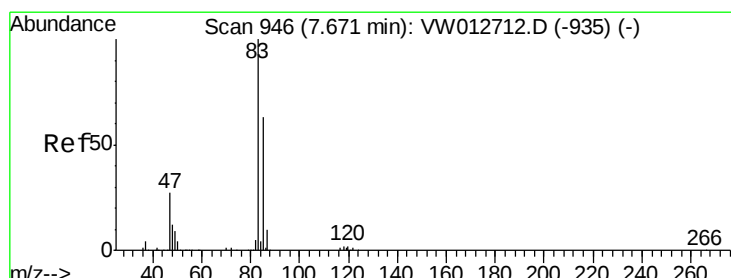
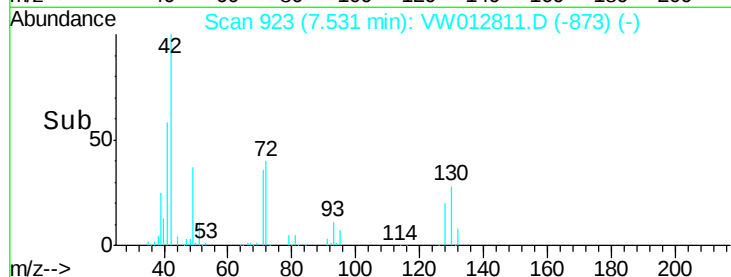
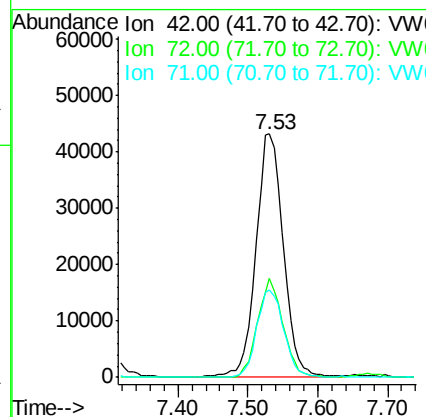
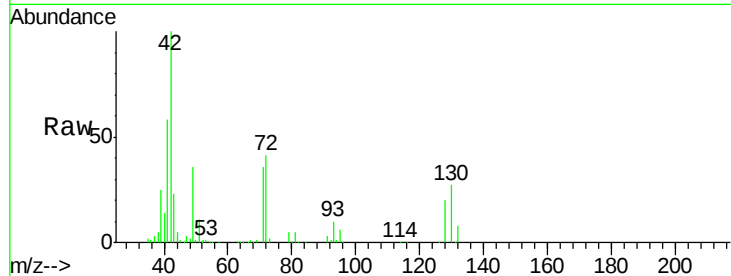
#29
Tetrahydrofuran
Concen: 216.789 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	28.4	42.6
71	35.2	27.1	40.7

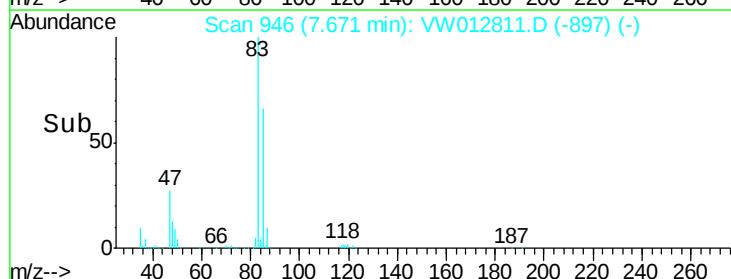
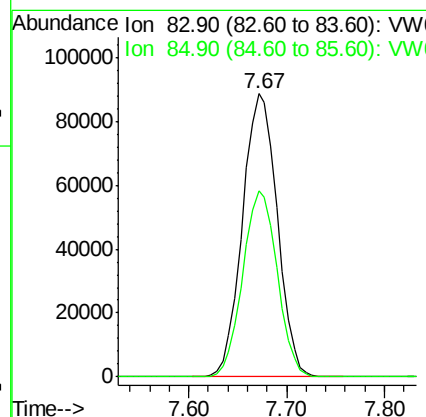
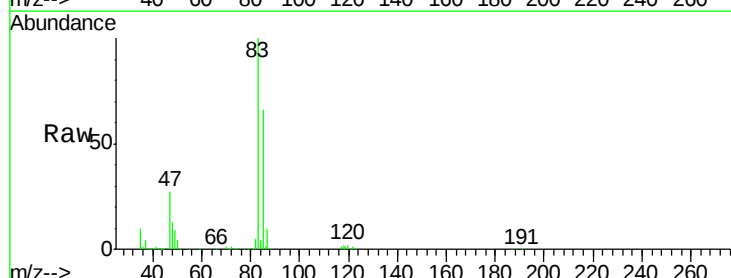
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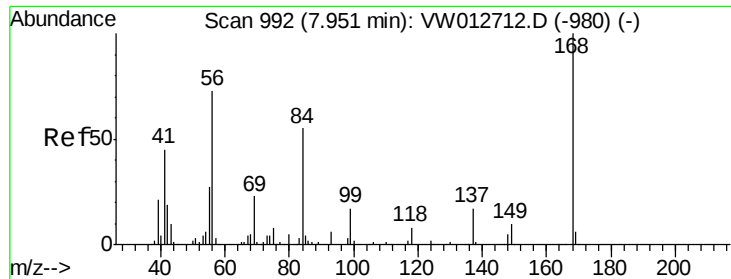
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#30
Chloroform
Concen: 54.711 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.6	76.0





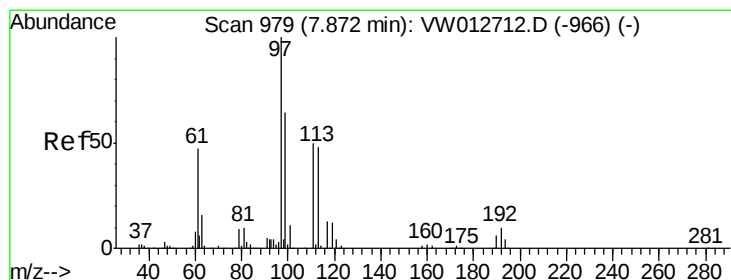
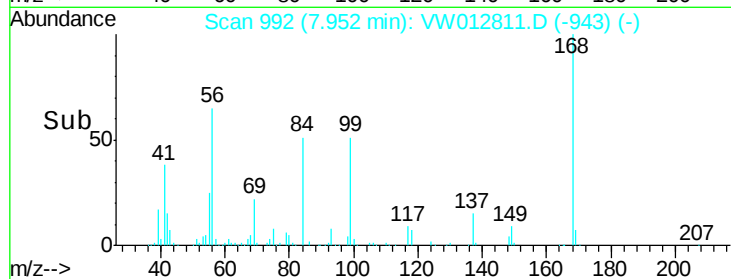
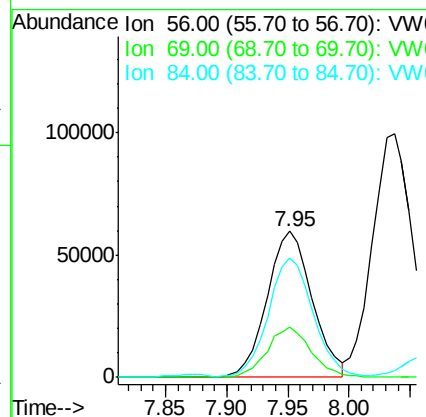
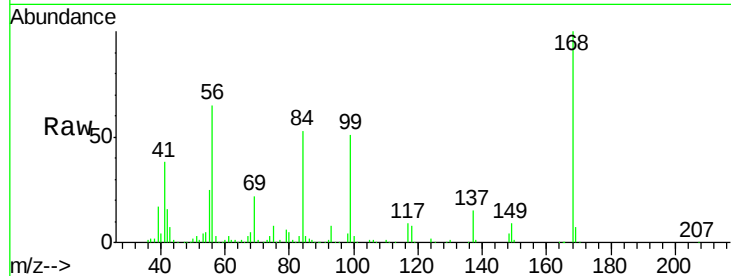
#31
Cyclohexane
Concen: 42.155 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	25.7	38.5
84	80.3	60.4	90.6

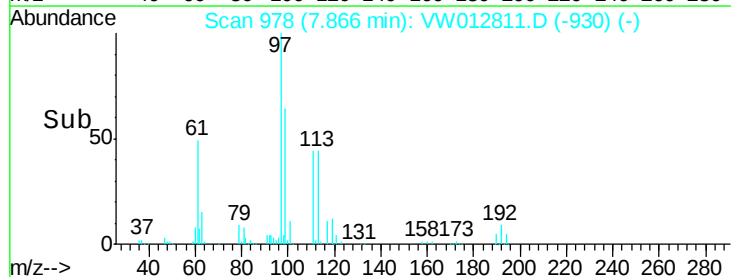
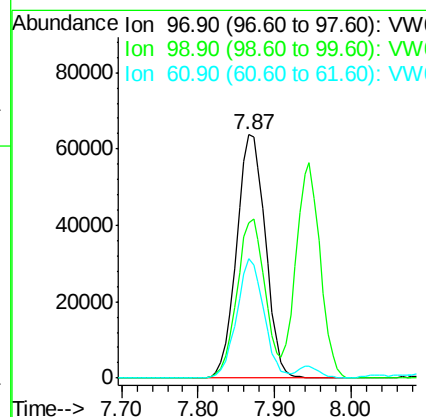
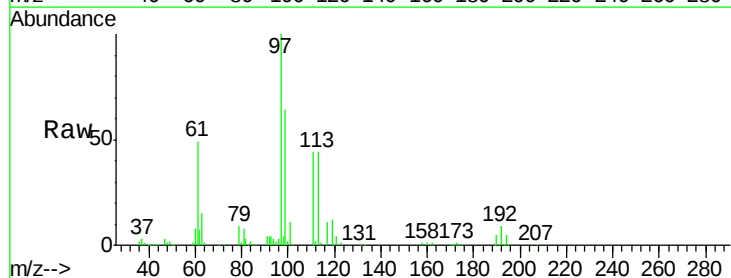
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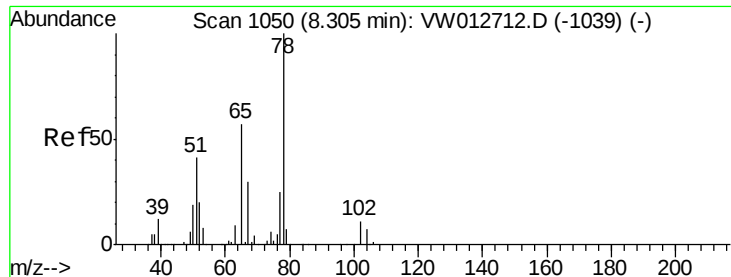
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9/9/2019 11:24:30 AM



#32
1,1,1-Trichloroethane
Concen: 51.148 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	46.3	37.9	56.9





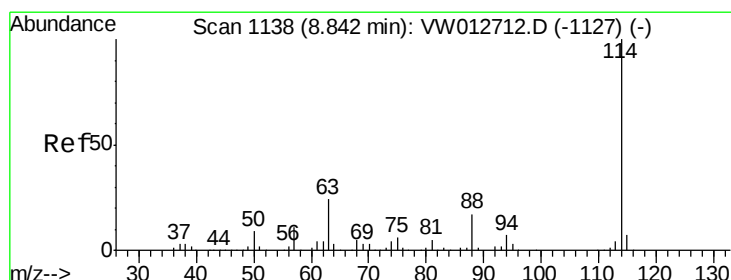
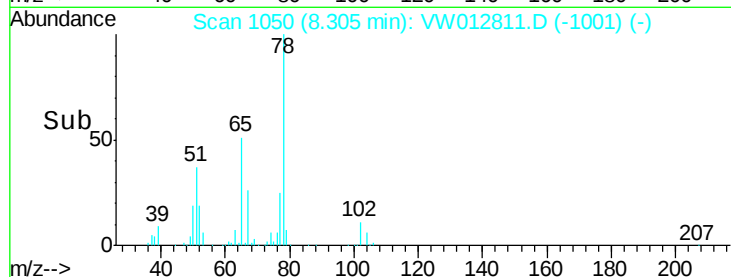
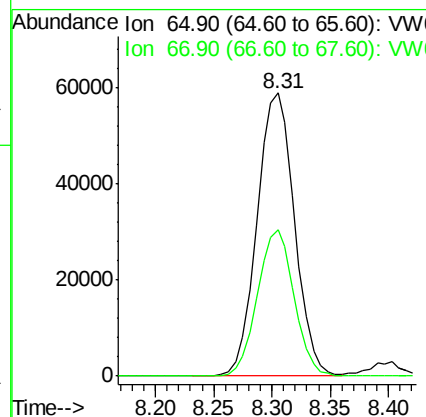
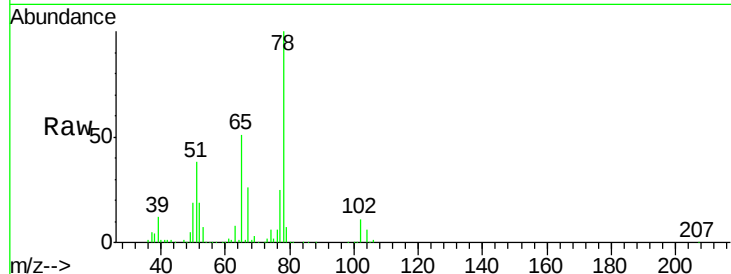
#33
 1,2-Dichloroethane-d4
 Concen: 53.255 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.8

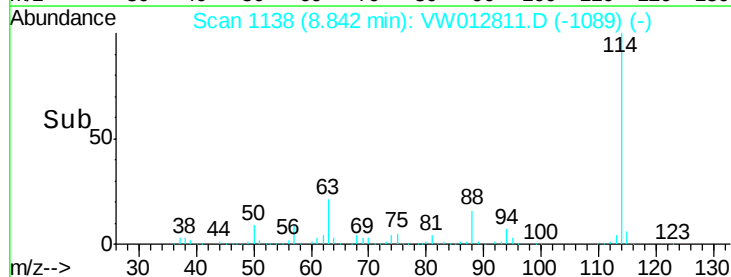
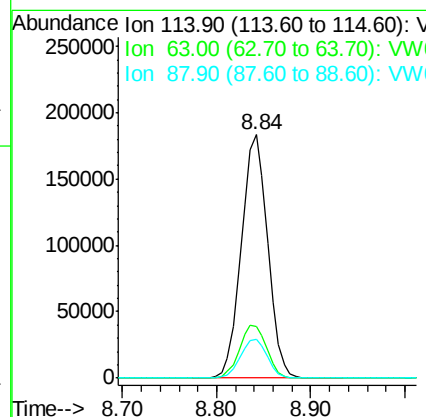
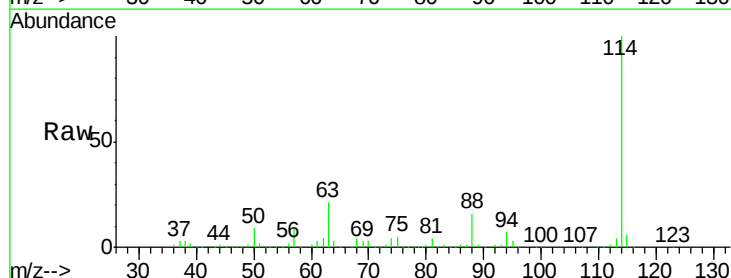
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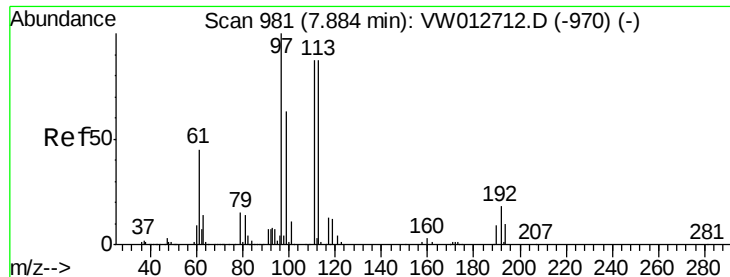
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	47.2
88	15.9	0.0	34.0





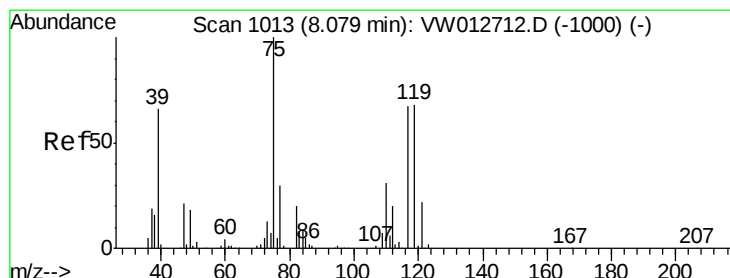
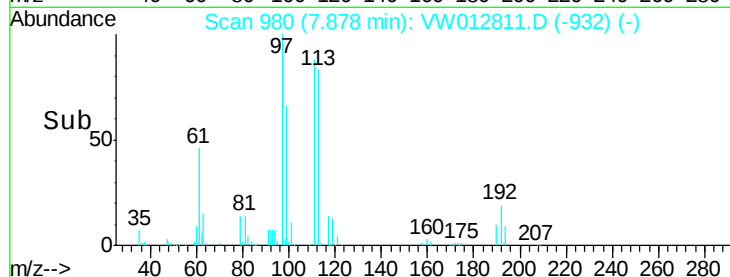
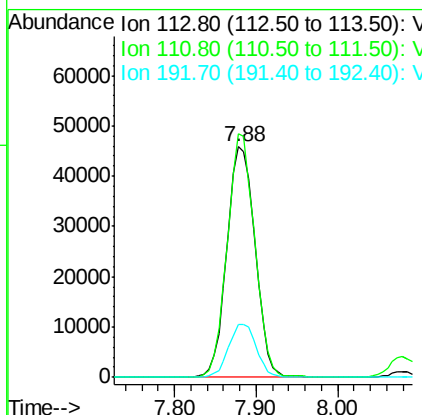
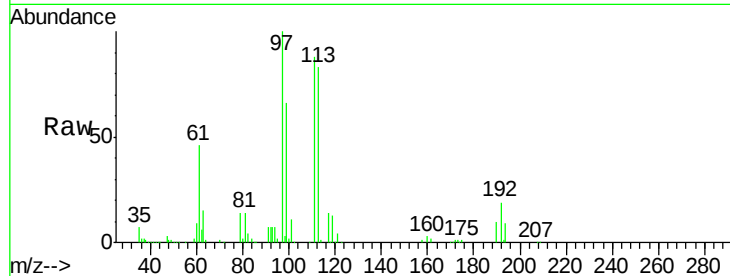
#35
 Dibromofluoromethane
 Concen: 51.664 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109526		
111	101.8		80.2	120.4
192	22.7		17.3	25.9

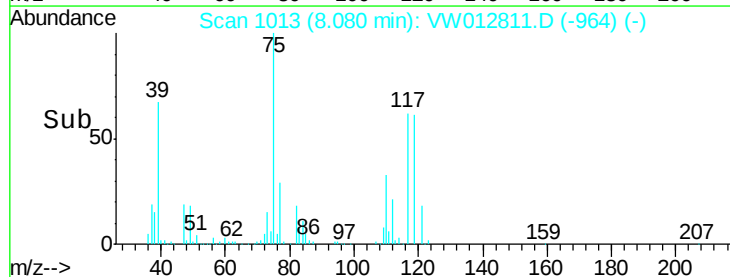
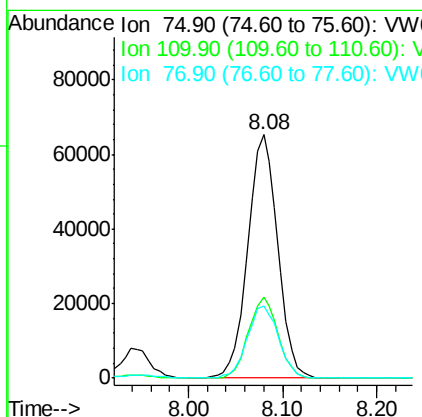
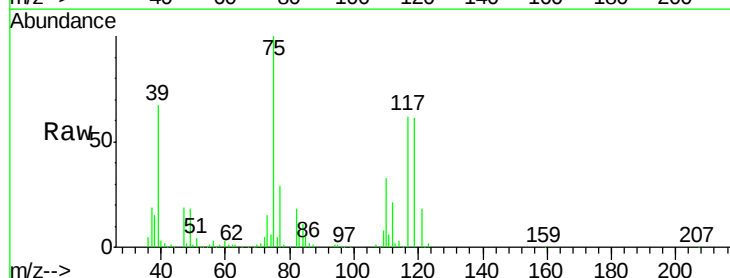
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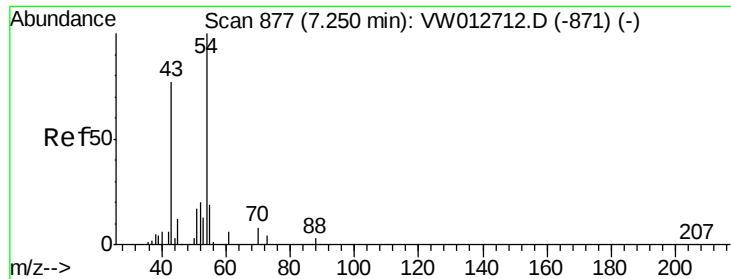
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#36
 1,1-Dichloropropene
 Concen: 46.056 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	145921		
110	32.8		15.9	47.7
77	31.2		25.0	37.4





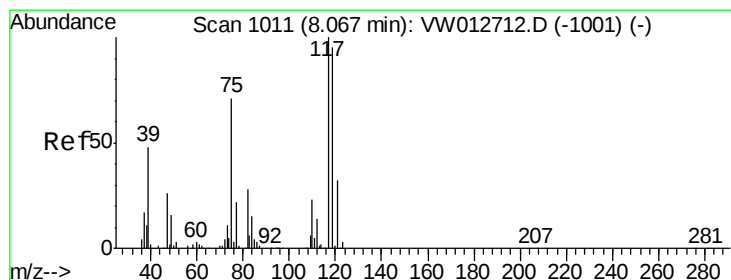
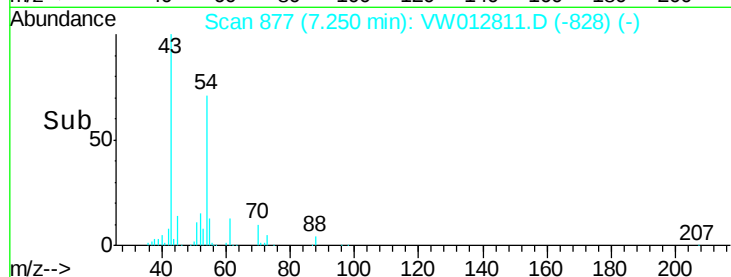
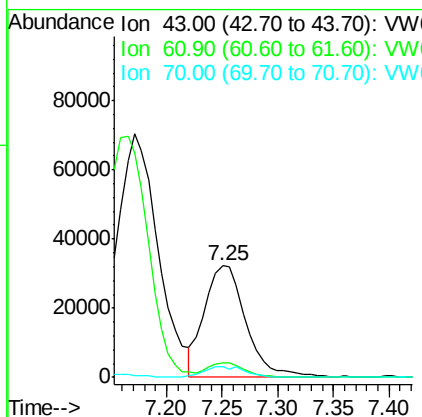
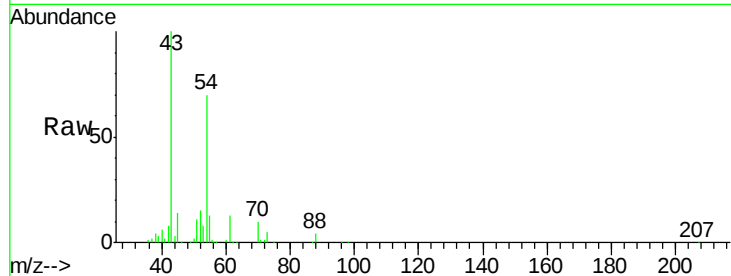
#37
Ethyl Acetate
Concen: 40.807 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	82419
Ion Ratio	100	Lower	Upper
43	100		
61	12.5	9.5	14.3
70	9.7	7.0	10.6

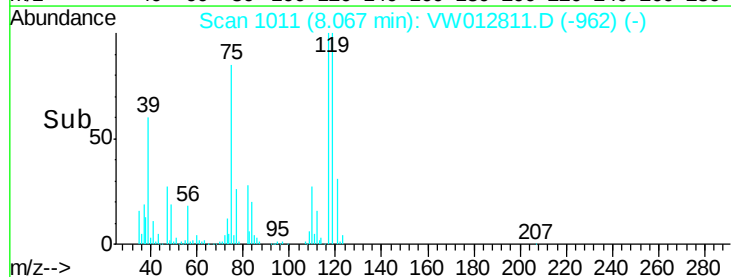
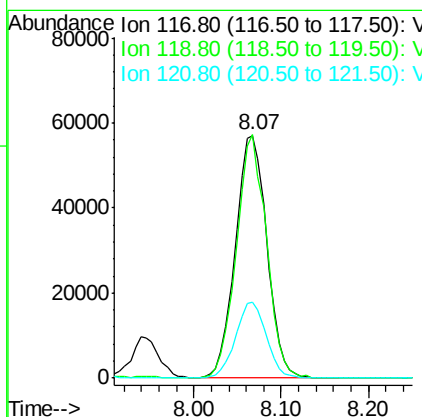
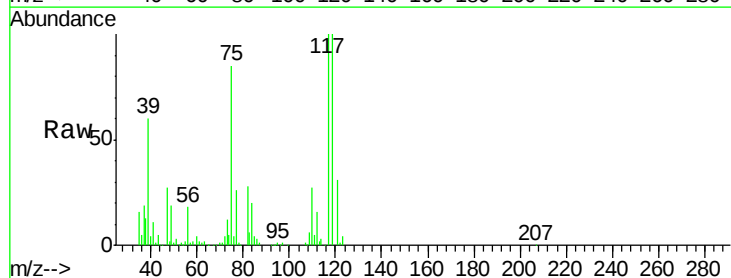
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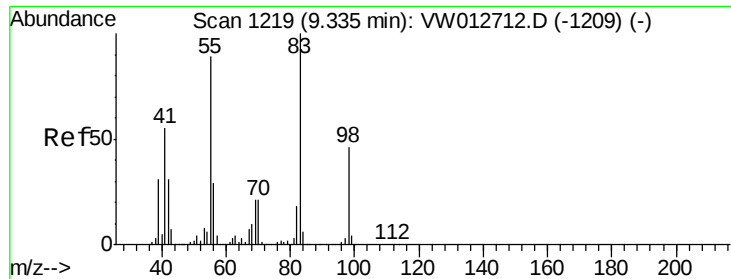
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#38
Carbon Tetrachloride
Concen: 45.725 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	117	Resp	142807
Ion Ratio	100	Lower	Upper
117	100		
119	100.3	76.2	114.2
121	31.5	25.4	38.2





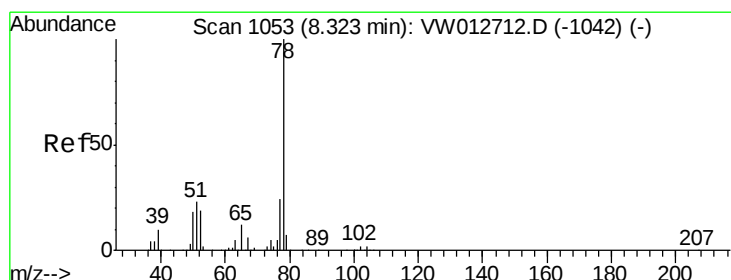
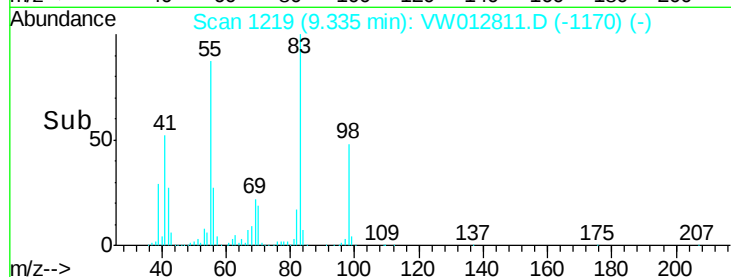
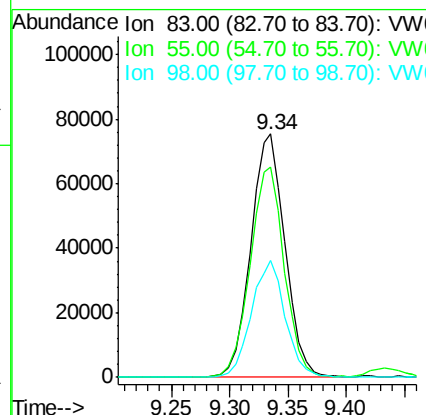
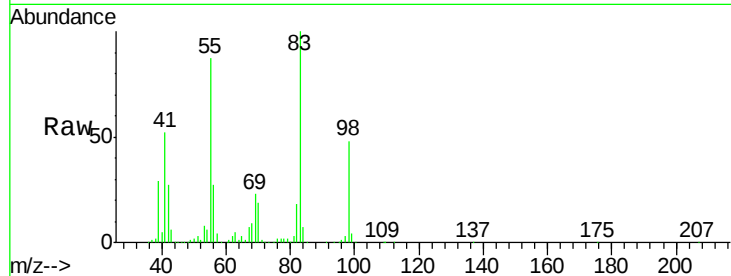
#39
Methvlcvclohexane
Concen: 43.346 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.4	71.0	106.4
98	47.9	36.9	55.3

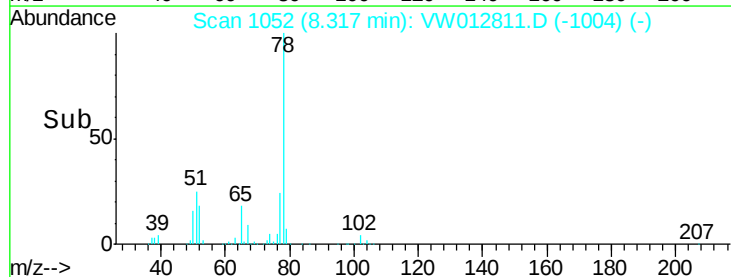
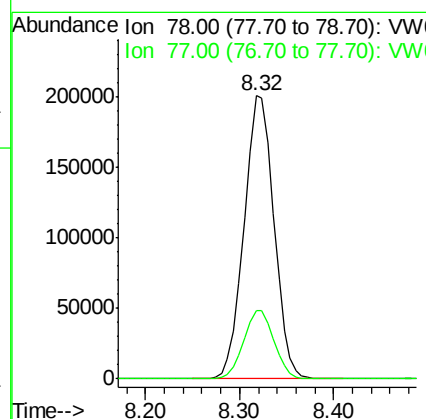
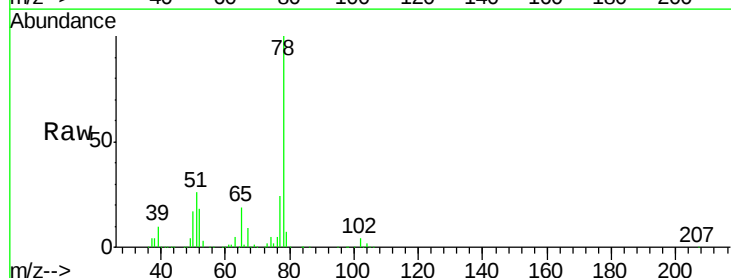
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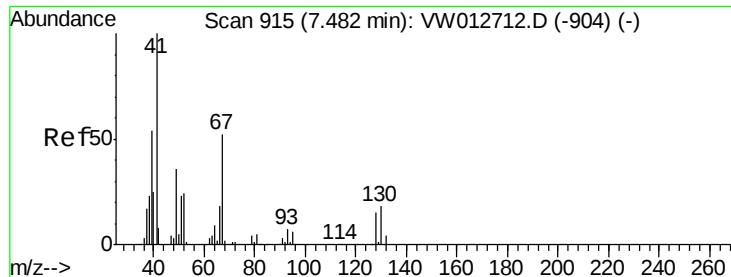
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#40
Benzene
Concen: 50.498 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





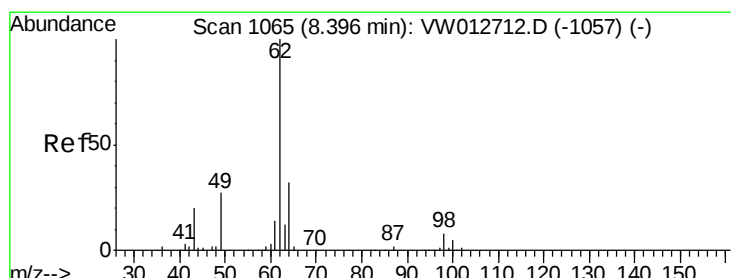
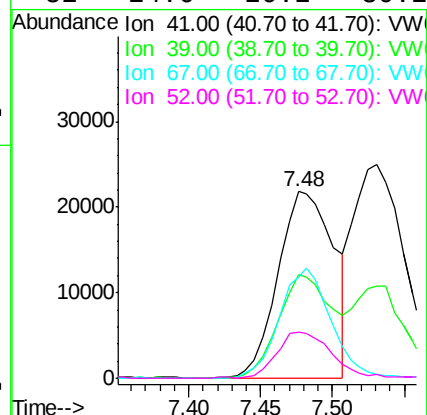
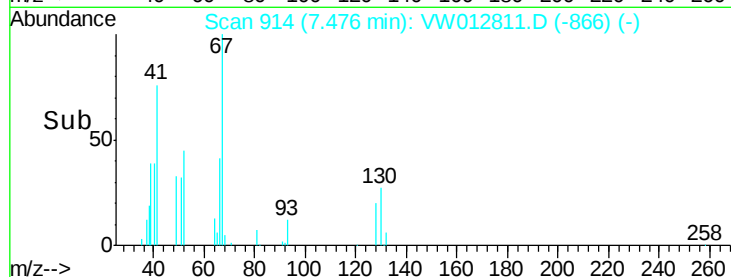
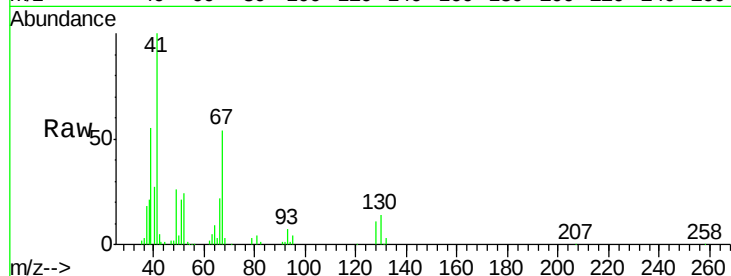
#41
Methacrylonitrile
Concen: 43.353 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	58763
Ion	Ratio	Lower	Upper
41	100		
39	53.7	47.5	71.3
67	54.8	45.1	67.7
52	24.6	20.2	30.2

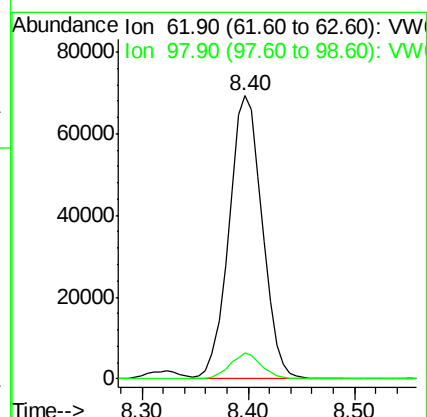
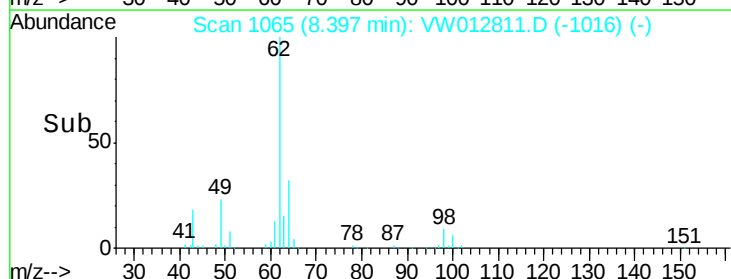
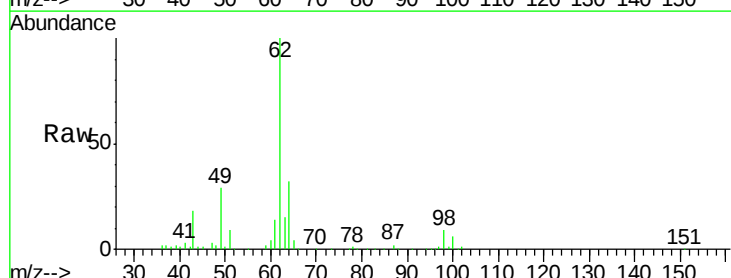
Manual Integrations
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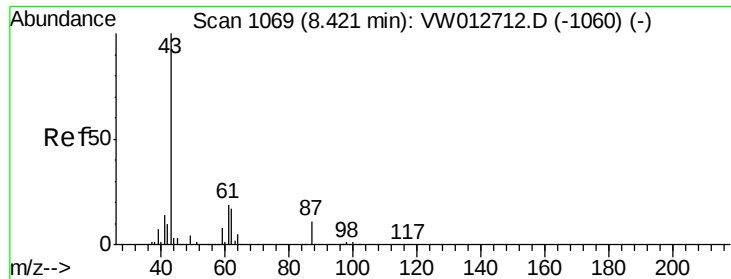
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#42
1,2-Dichloroethane
Concen: 48.871 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	62	Resp	151194
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.2





#43

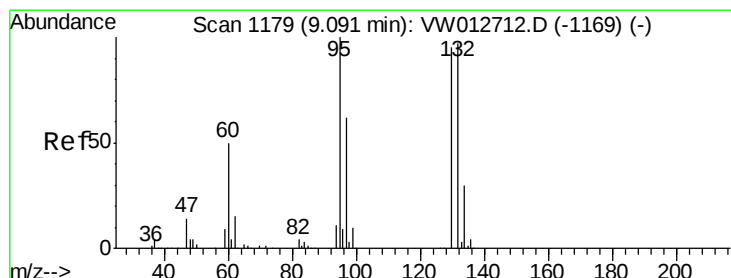
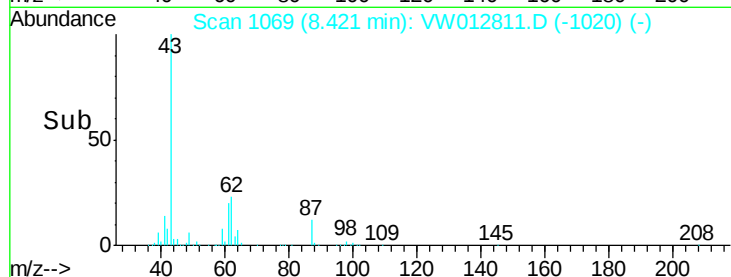
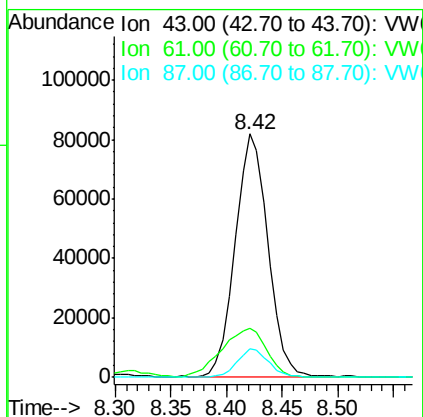
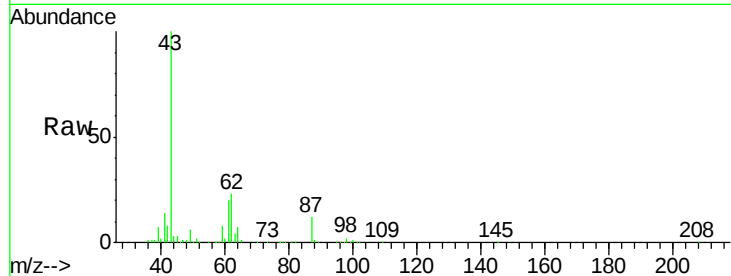
Isopropyl Acetate
 Concen: 43.561 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.0	20.6	30.8
87	11.5	8.6	13.0

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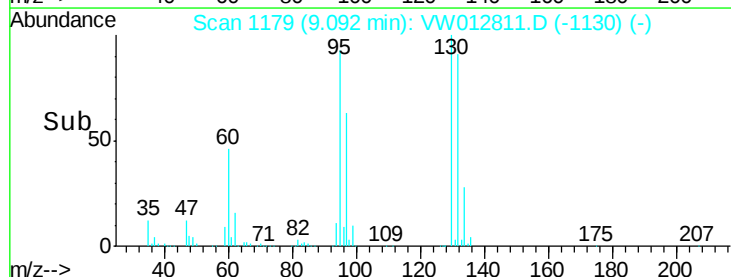
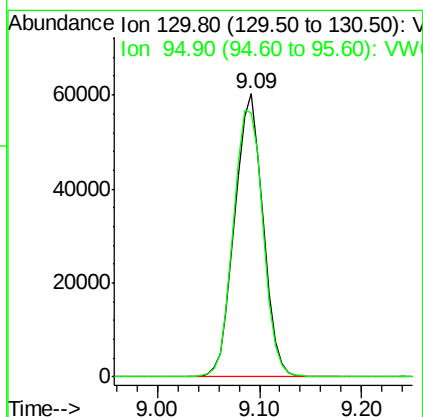
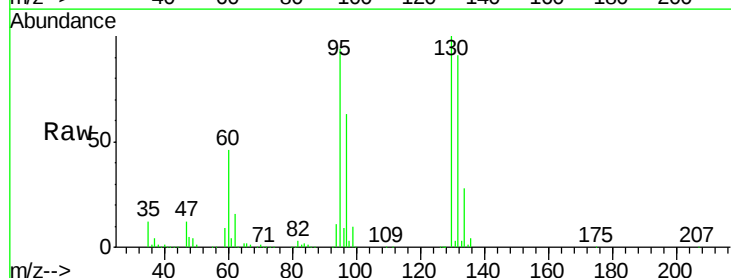
MMDadoda
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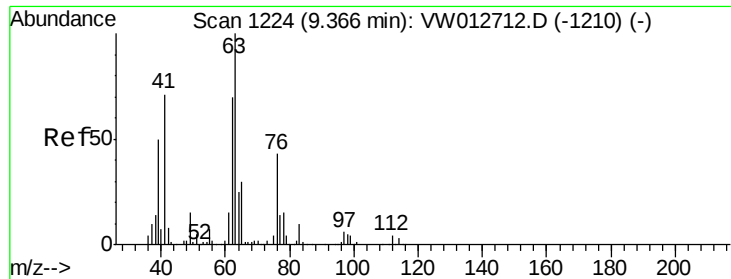


#44

Trichloroethene
 Concen: 51.007 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	210.6





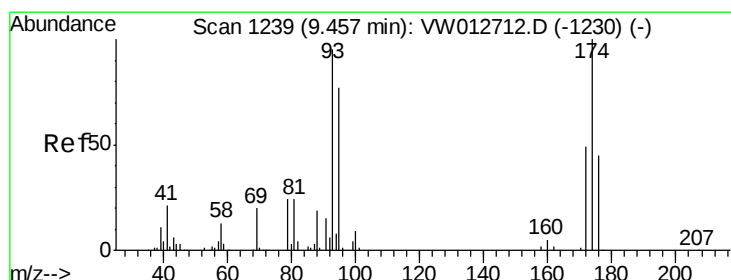
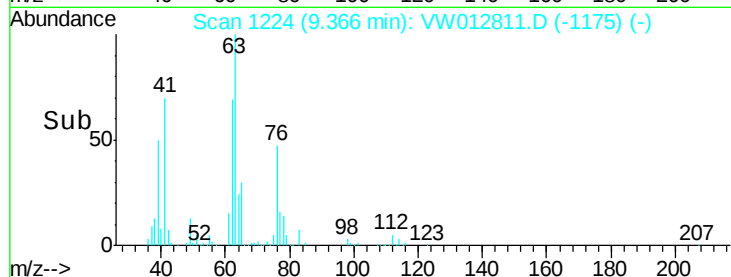
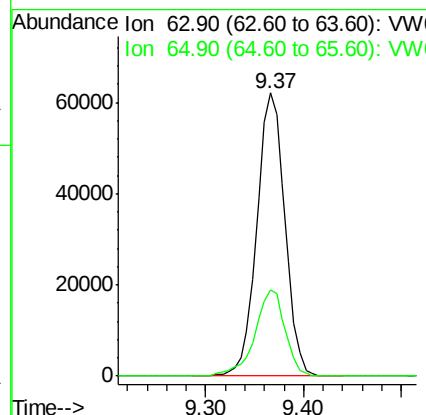
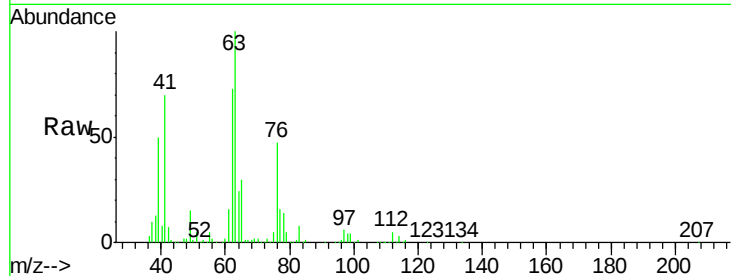
#45
 1,2-Dichloropropane
 Concen: 50.856 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.8	35.8

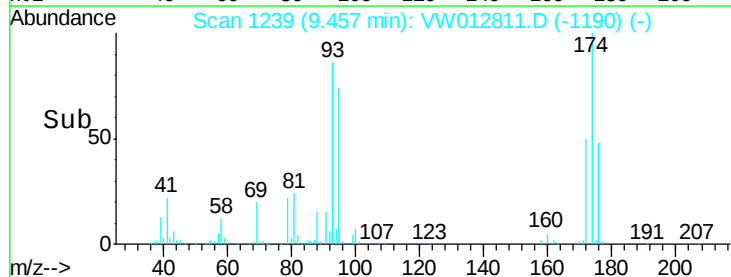
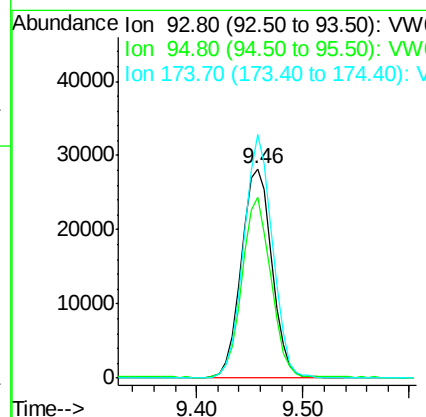
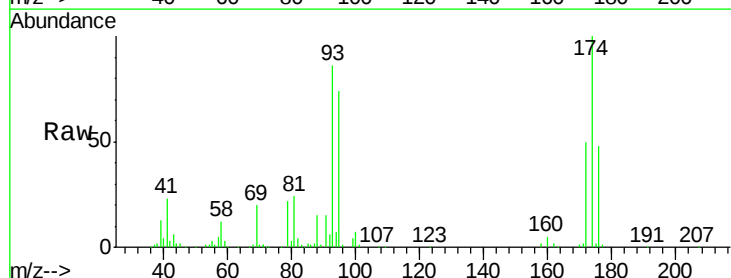
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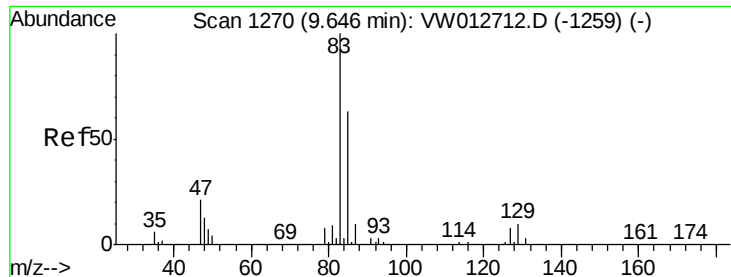
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#46
 Dibromomethane
 Concen: 49.476 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.1	65.2	97.8
174	109.3	84.2	126.4





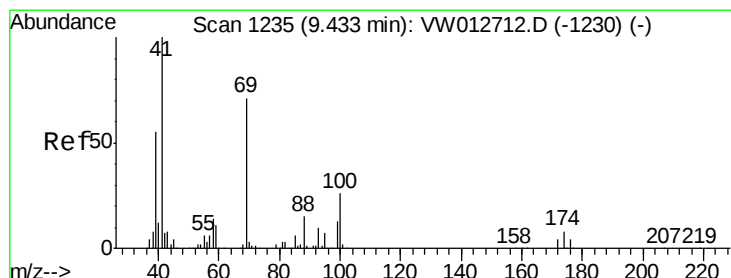
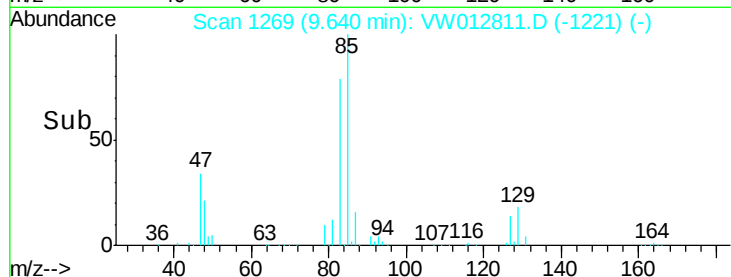
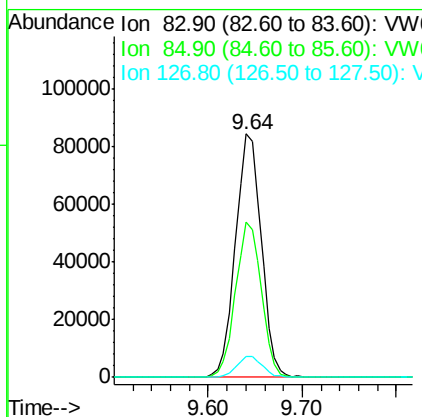
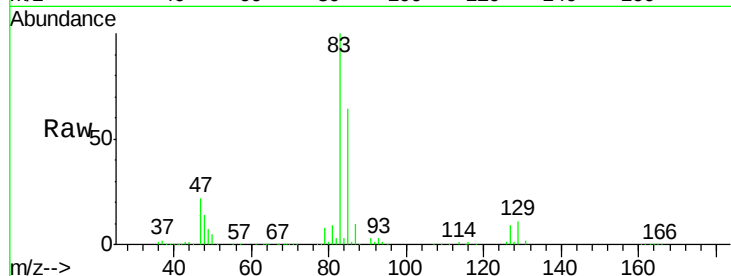
#47
Bromodichloromethane
Concen: 50.720 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	161105		
85	63.7	50.2	75.2	
127	8.7	6.6	9.8	

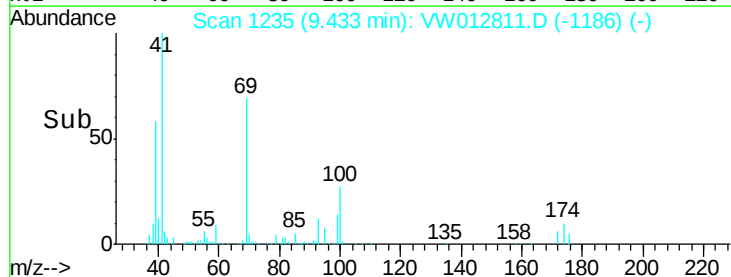
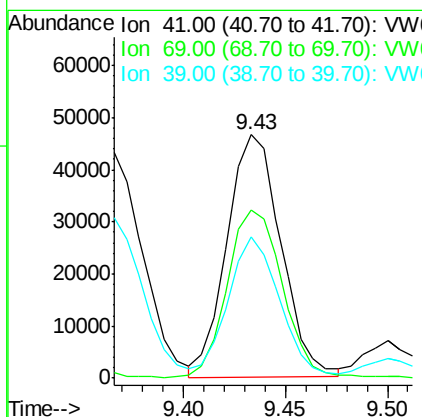
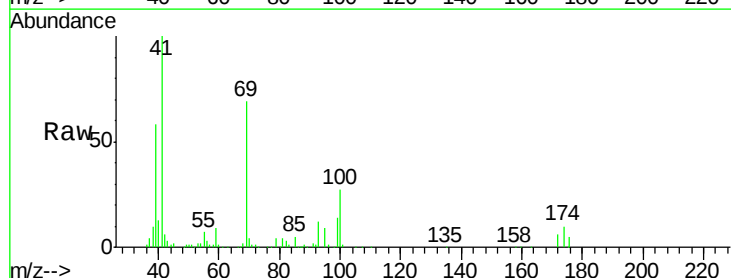
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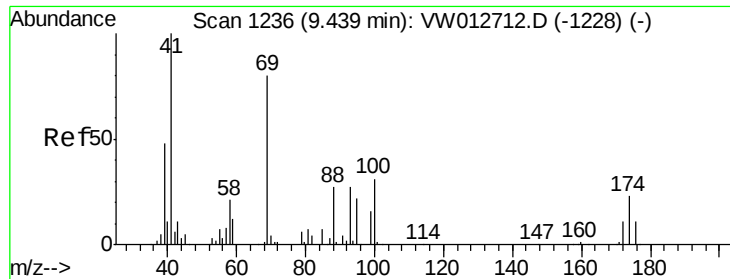
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#48
Methyl methacrylate
Concen: 46.927 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	85812		
69	70.3	59.8	89.8	
39	55.9	47.0	70.6	





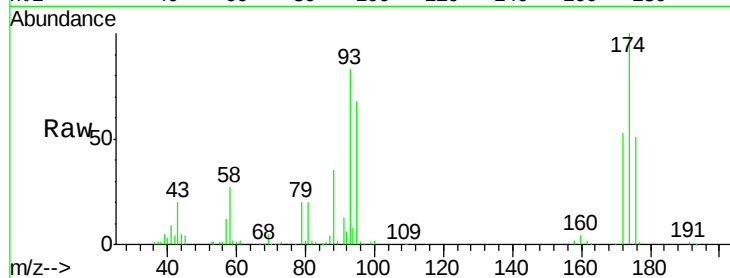
#49
 1,4-Dioxane
 Concen: 840.512 ug/l
 RT: 9.47 min Scan# 1241
 Delta R.T. 0.03 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

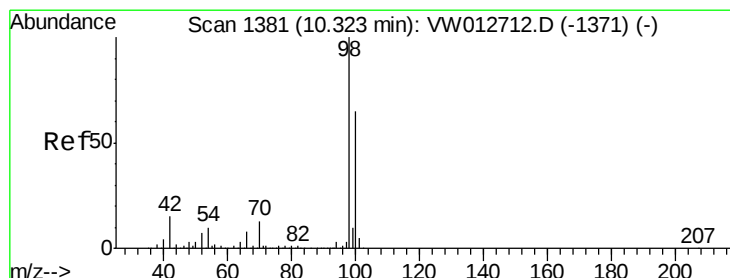
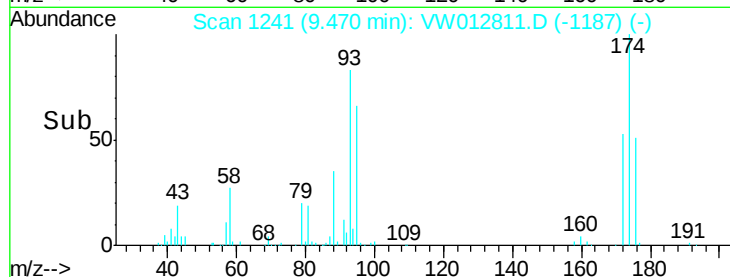
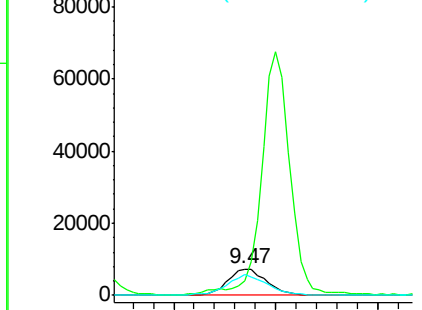
Tot Ion	88	Resp	19168
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	34.8	52.2#
58	81.0	64.1	96.1

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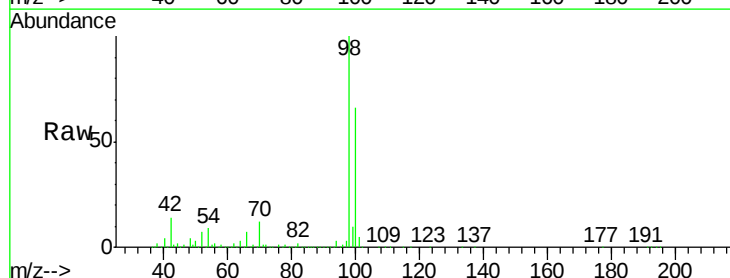


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

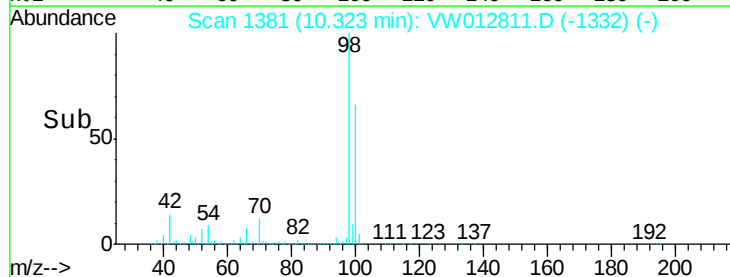
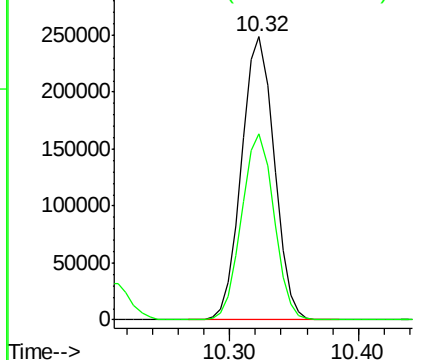


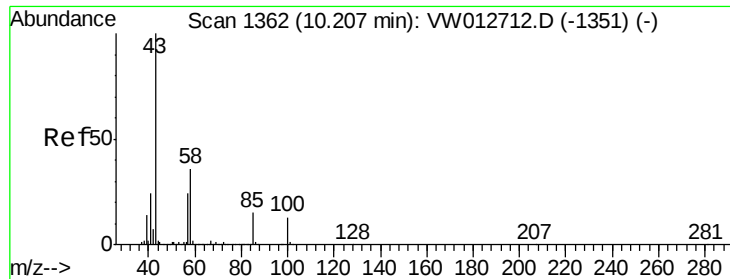
#50
 Toluene-d8
 Concen: 52.568 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion	98	Resp	436603
Ion Ratio	100	Lower	Upper
98	100		
100	64.9	52.2	78.4



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





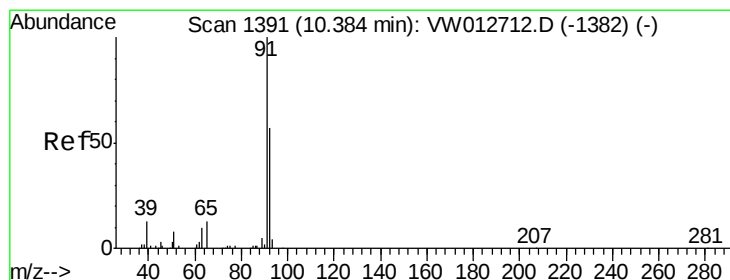
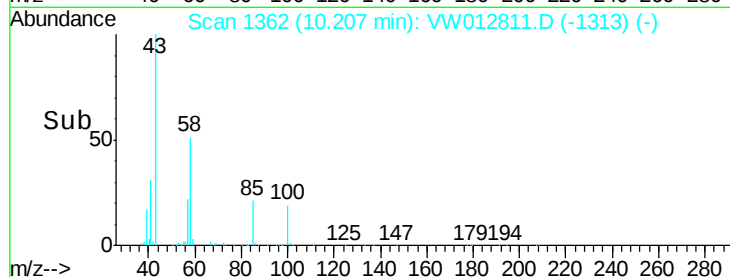
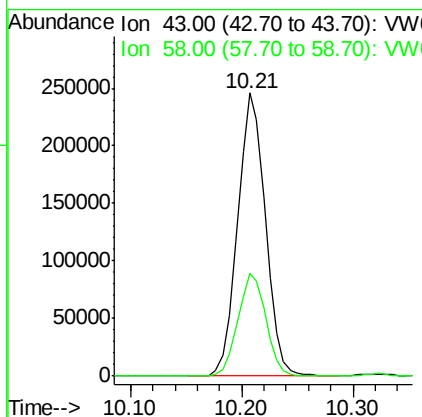
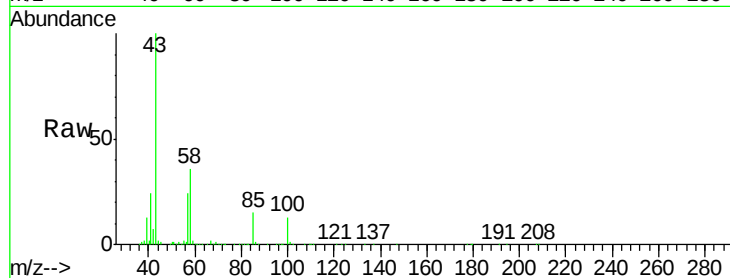
#51
4-Methyl-2-Pentanone
Concen: 210.477 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.4	42.6

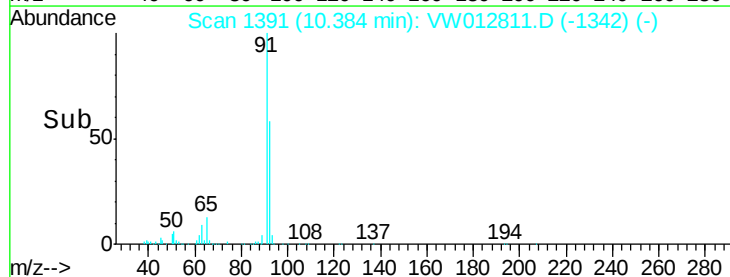
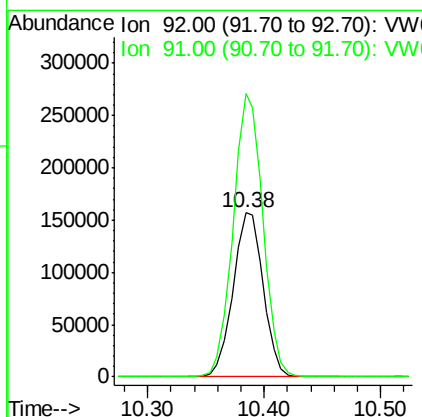
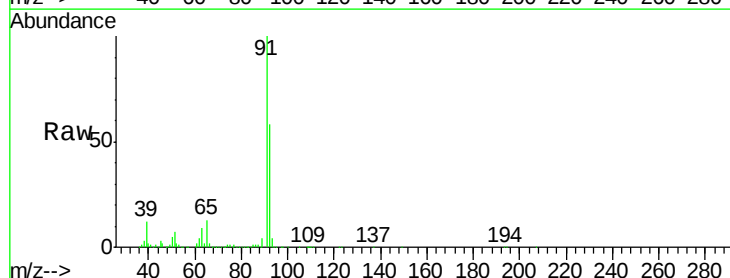
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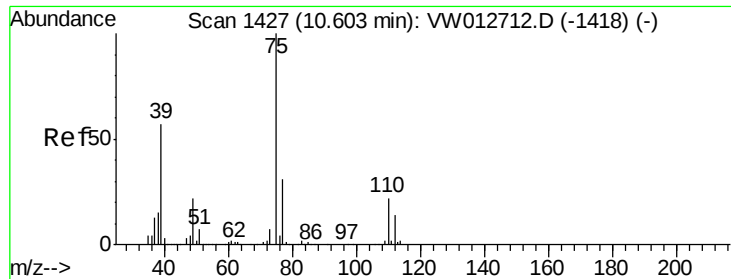
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#52
Toluene
Concen: 51.381 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.1	137.0	205.4





#53

t-1,3-Dichloropropene

Concen: 47.939 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 156575

Ion Ratio Lower Upper

75 100

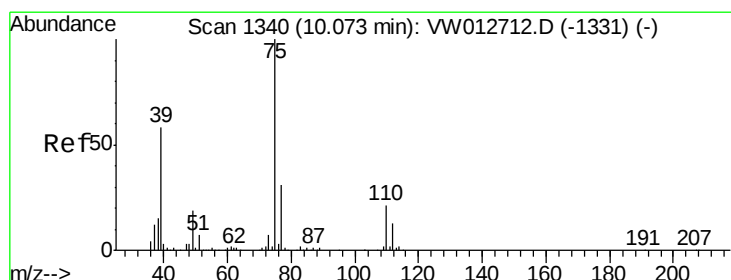
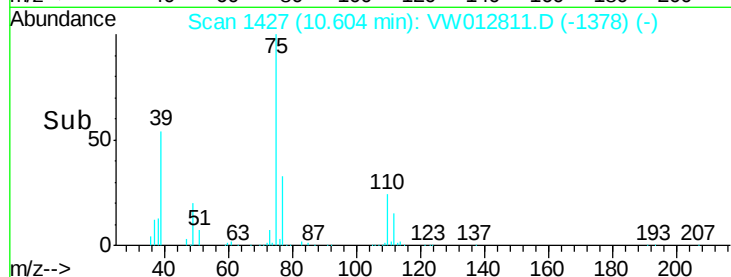
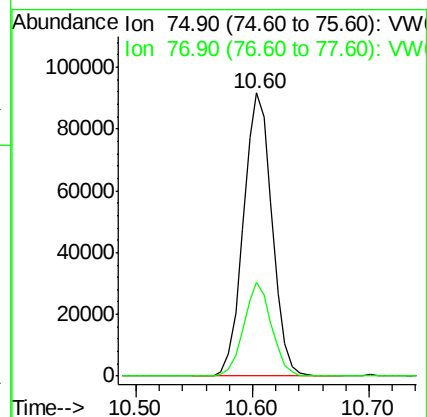
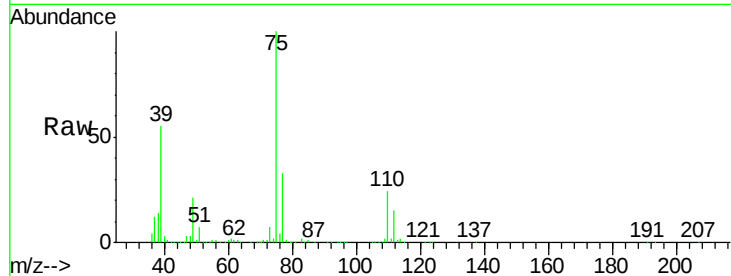
77 32.9 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 49.481 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

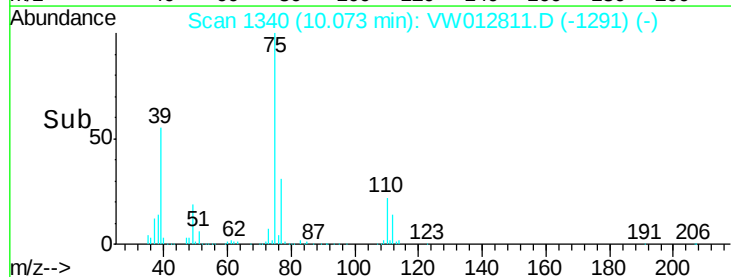
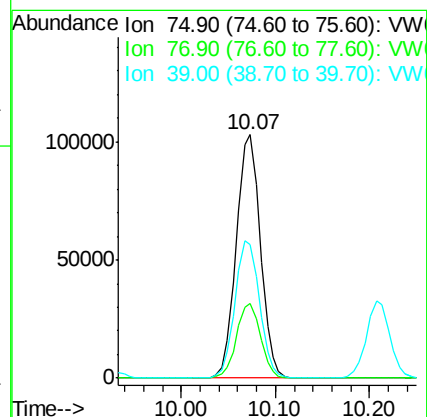
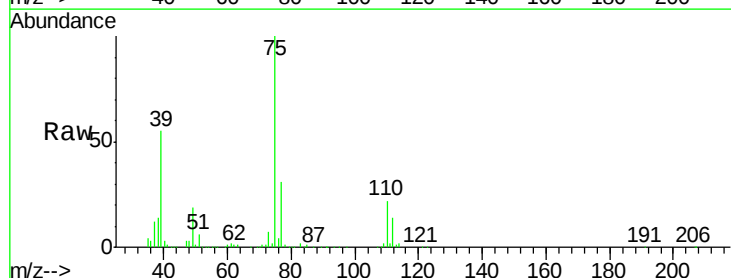
Tgt Ion: 75 Resp: 183336

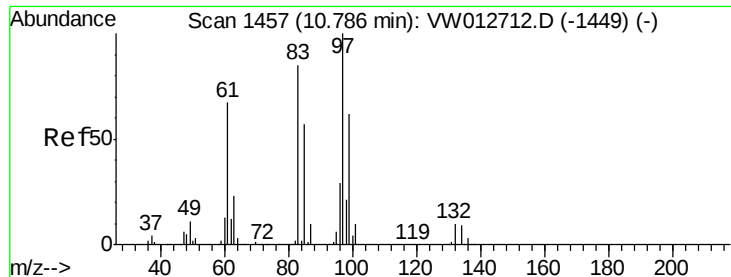
Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

39 54.5 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 50.951 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

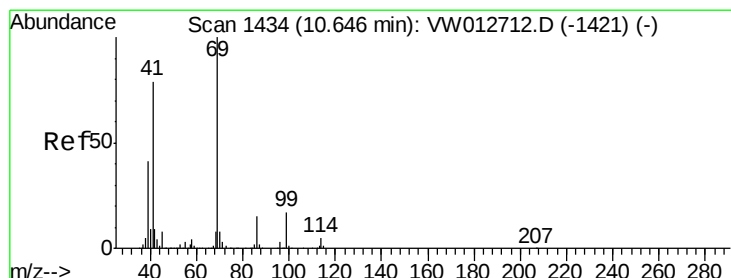
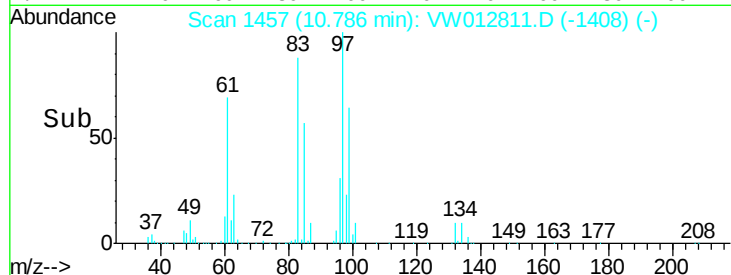
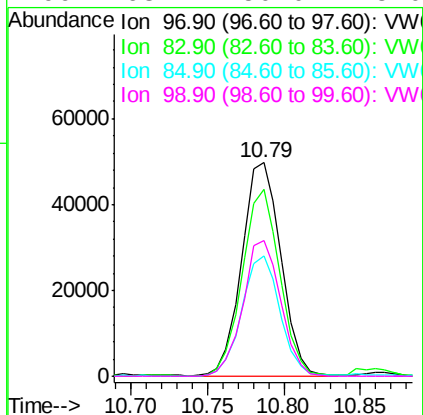
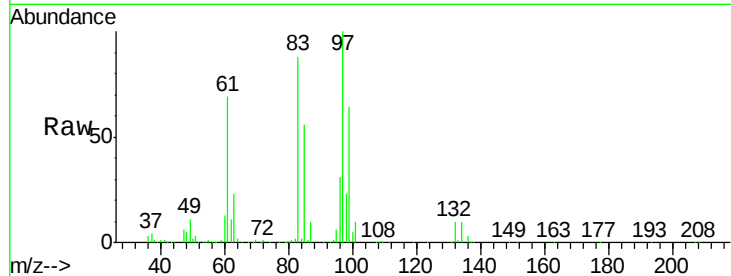
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	88066
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.1	102.1
85	56.3	45.3	67.9
99	63.7	50.0	75.0

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#56

Ethyl methacrylate

Concen: 48.218 ug/l

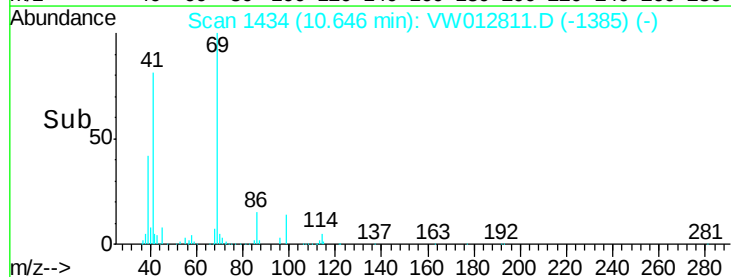
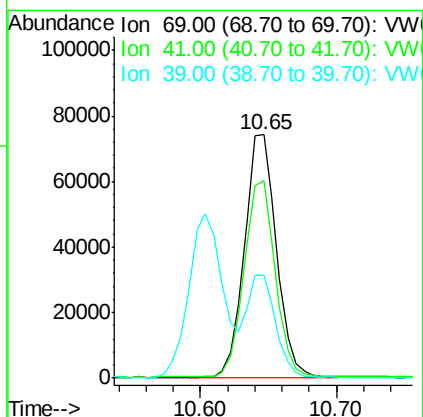
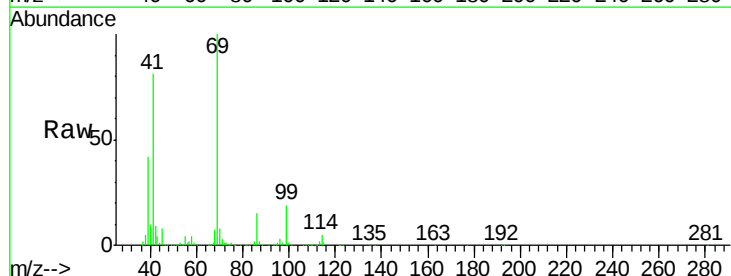
RT: 10.65 min Scan# 1434

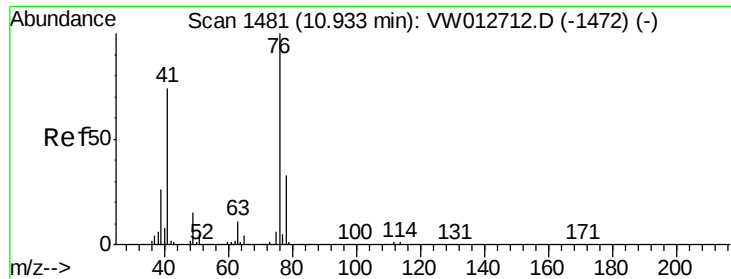
Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Tgt Ion:	69	Resp:	121998
Ion	Ratio	Lower	Upper
69	100		
41	78.9	64.4	96.6
39	37.6	31.1	46.7





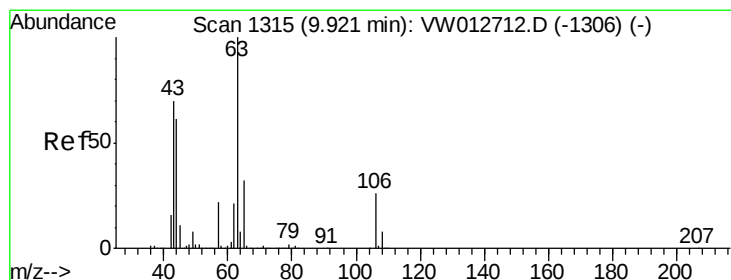
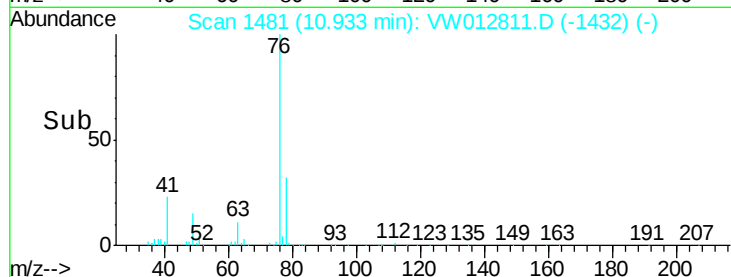
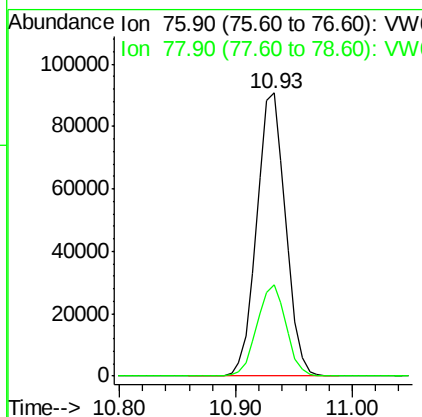
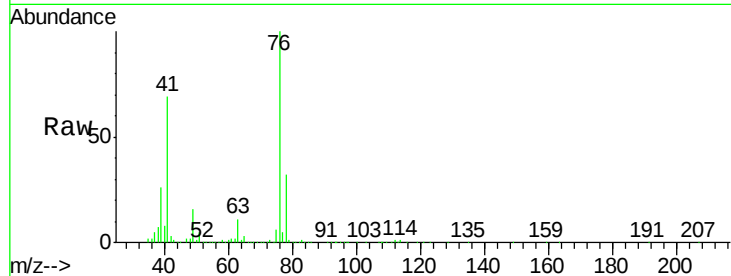
#57
 1,3-Dichloropropane
 Concen: 49.156 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 157181
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9

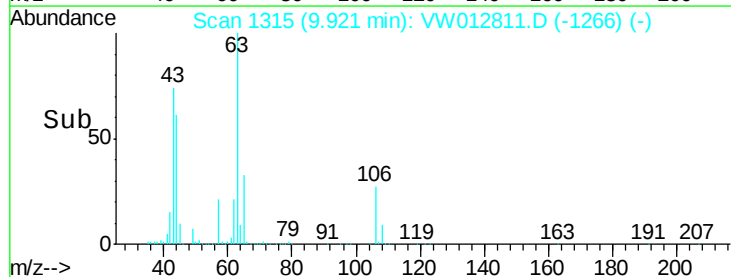
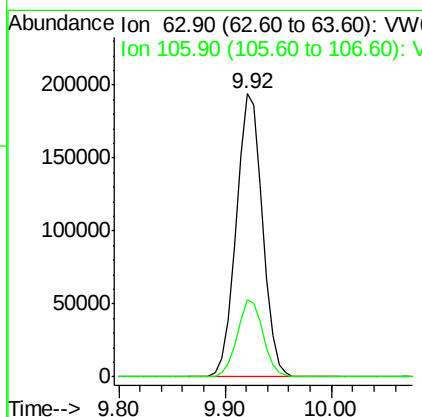
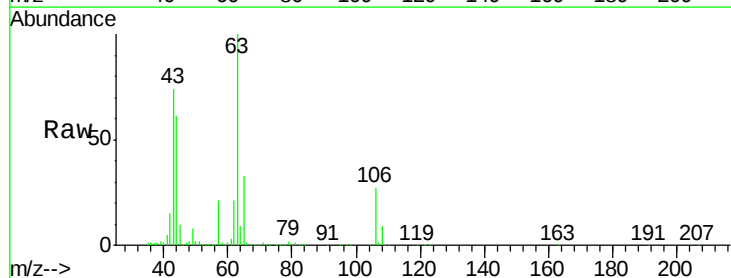
Manual Integrations
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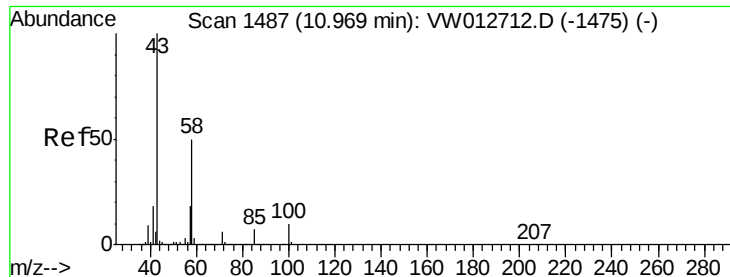
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#58
 2-Chloroethyl Vinyl ether
 Concen: 249.792 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion: 63 Resp: 335519
 Ion Ratio Lower Upper
 63 100
 106 26.9 20.5 30.7





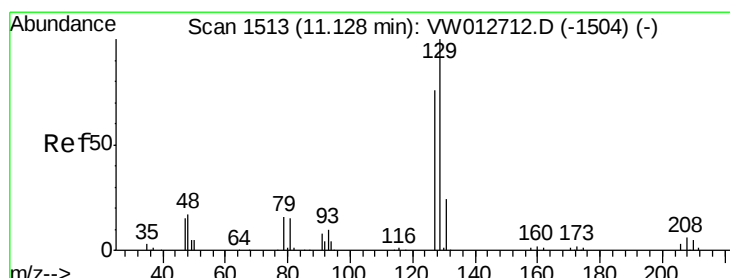
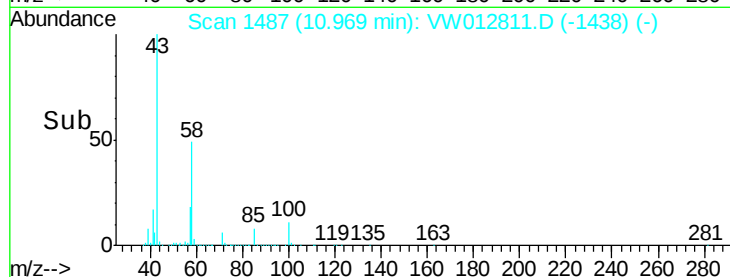
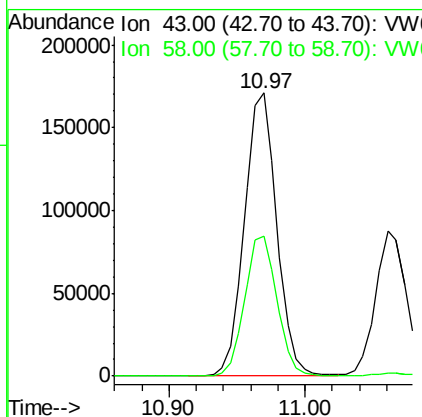
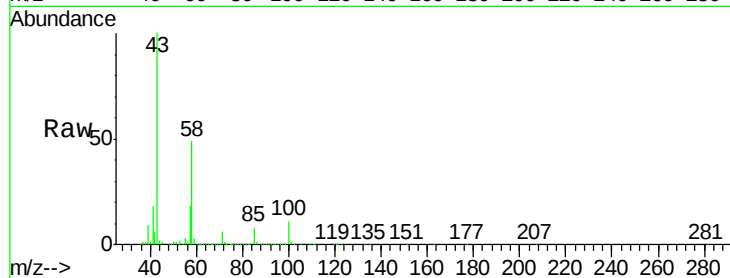
#59
2-Hexanone
Concen: 193.605 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 284000
Ion Ratio Lower Upper
43 100
58 49.5 24.7 74.1

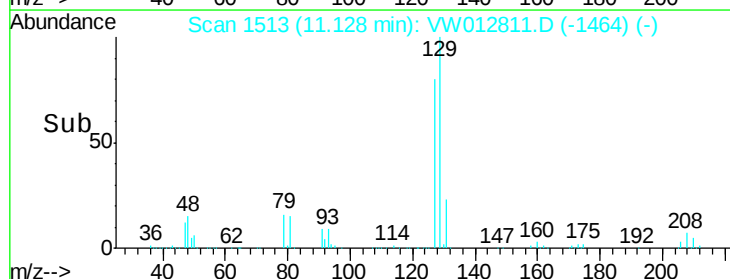
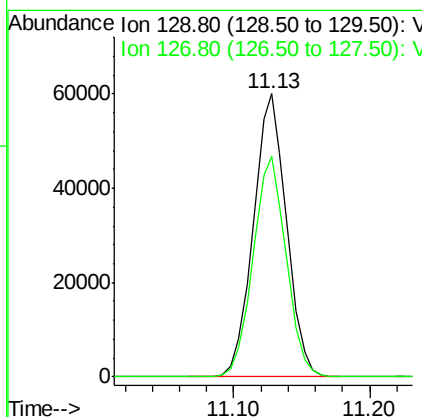
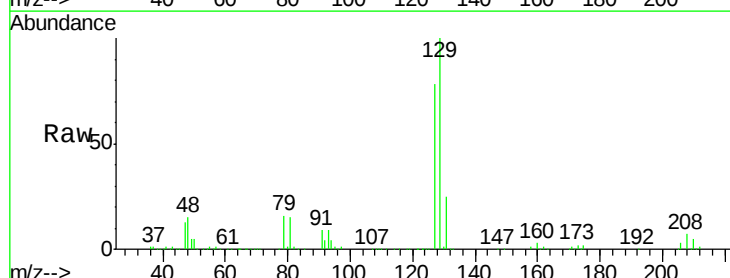
Manual Integrations
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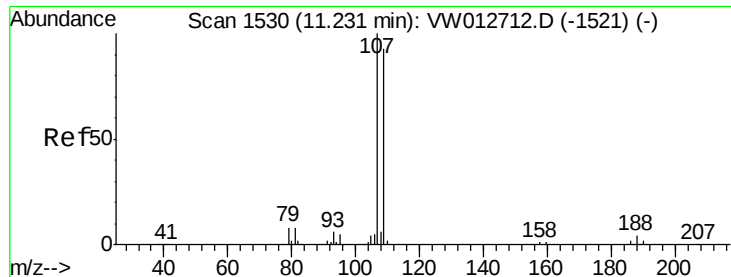
MMDadoda
9/9/2019 11:24:30 AM



#60
Dibromochloromethane
Concen: 50.392 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion: 129 Resp: 102436
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





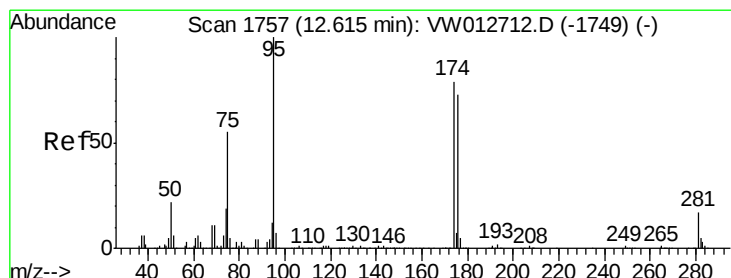
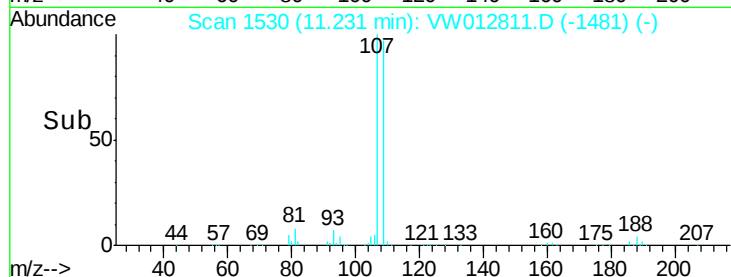
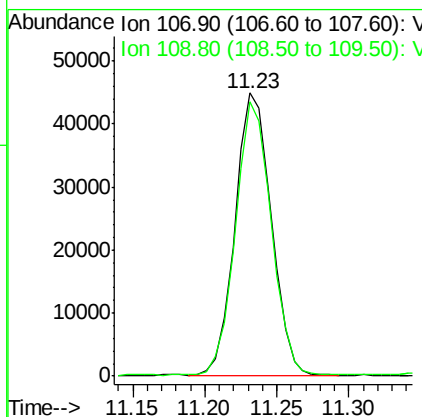
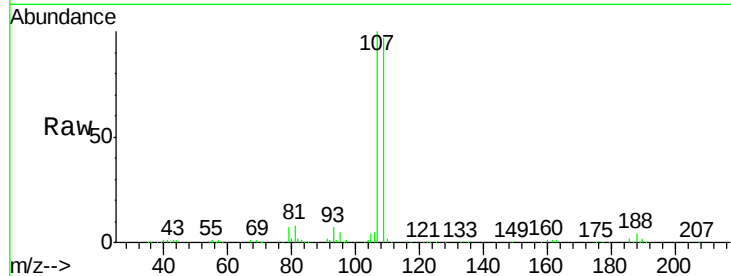
#61
1,2-Dibromoethane
Concen: 49.366 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.0	112.6

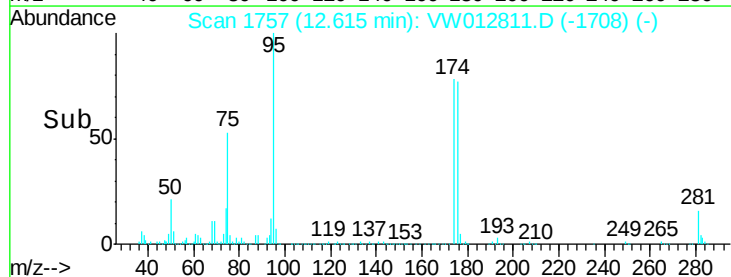
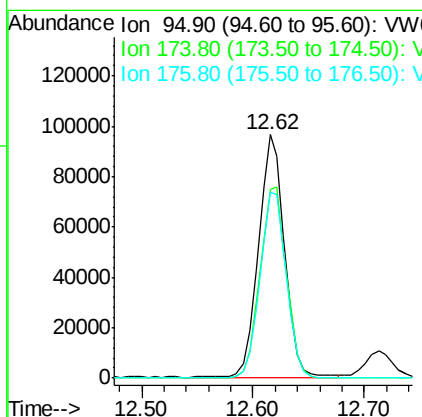
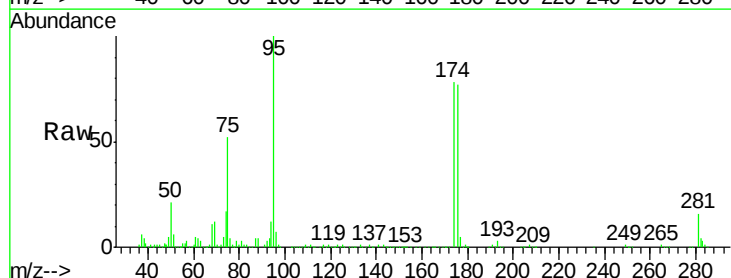
Manual Integrations
APPROVED

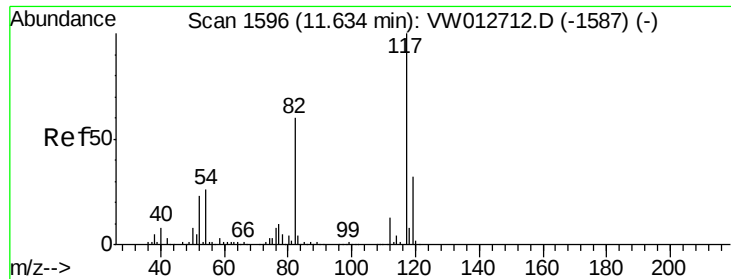
MMDadoda
9/9/2019 11:24:30 AM



#62
4-Bromofluorobenzene
Concen: 51.679 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	161.0
176	78.0	0.0	156.4





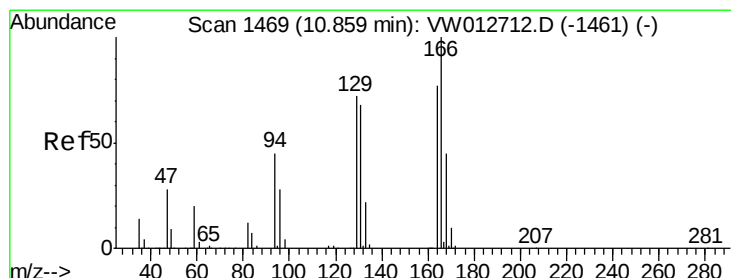
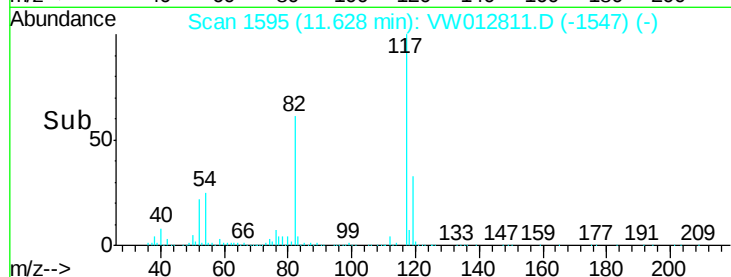
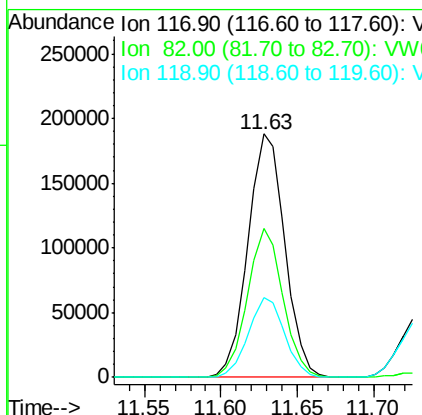
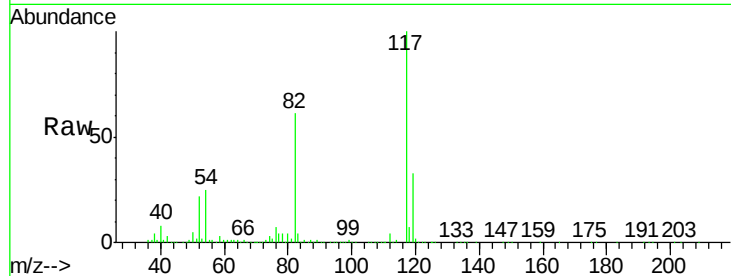
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	314903		
82	61.2	48.2	72.4	
119	32.6	25.8	38.6	

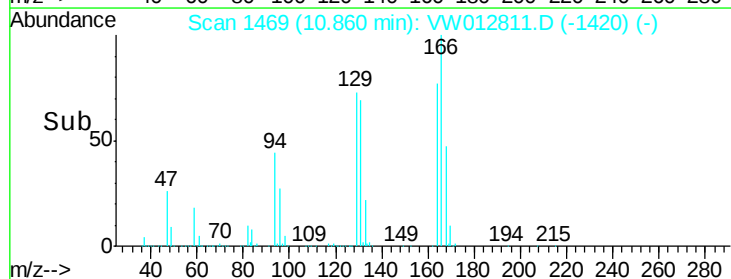
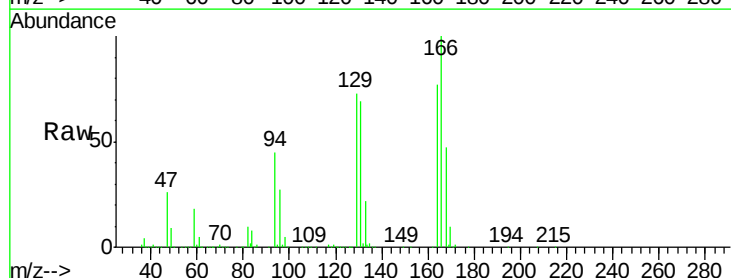
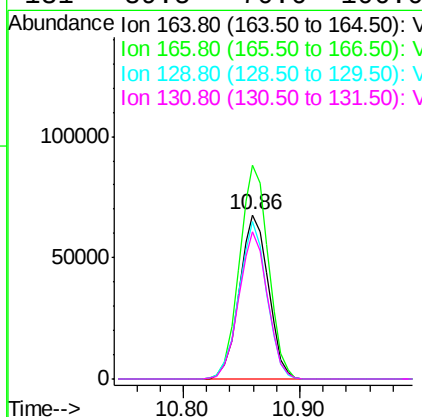
Manual Integrations
APPROVED

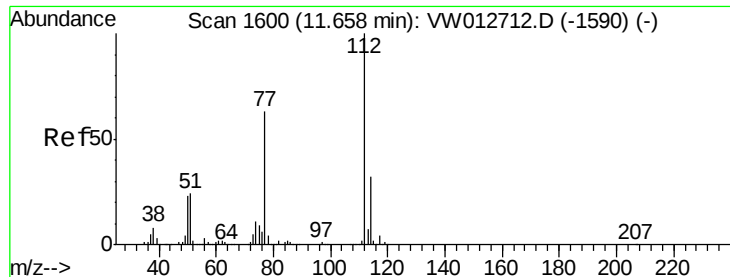
MMDadoda
9/9/2019 11:24:30 AM



#64
Tetrachloroethene
Concen: 61.558 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	117622		
166	130.1	103.6	155.4	
129	95.6	74.6	112.0	
131	89.5	70.6	106.0	





#65

Chlorobenzene

Concen: 51.732 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 307896

Ion Ratio Lower Upper

112 100

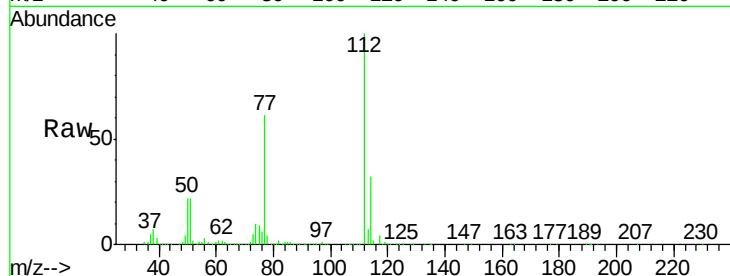
114 31.7 25.3 37.9

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

200000

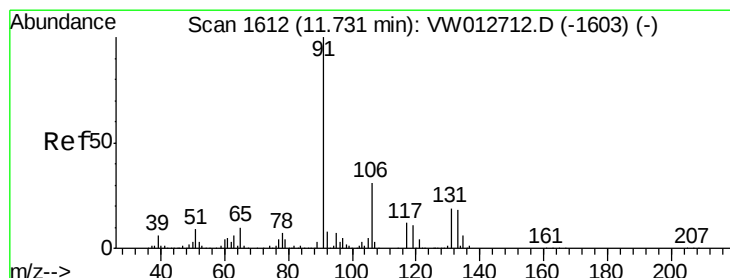
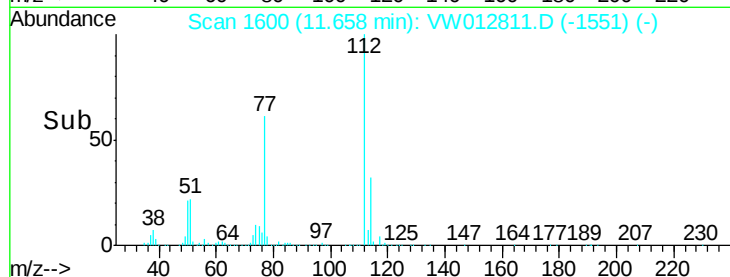
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.352 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

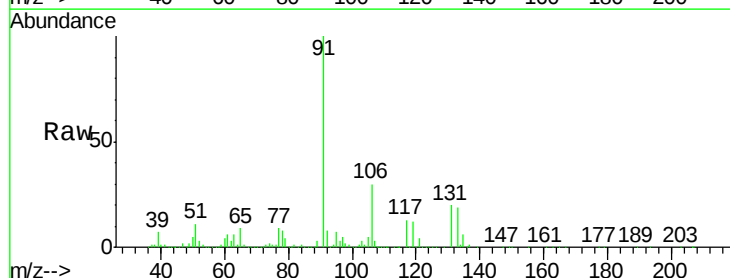
Tgt Ion:131 Resp: 116036

Ion Ratio Lower Upper

131 100

133 97.1 47.6 142.8

119 63.2 30.6 92.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.73

80000

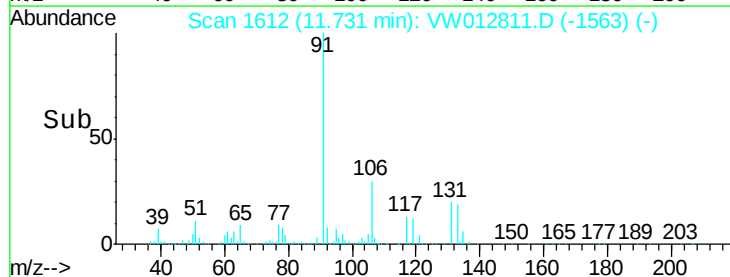
60000

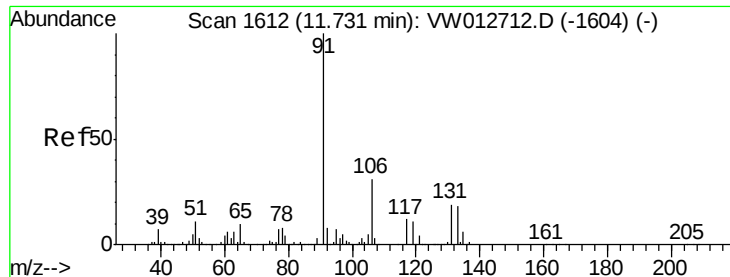
40000

20000

0

Time-->





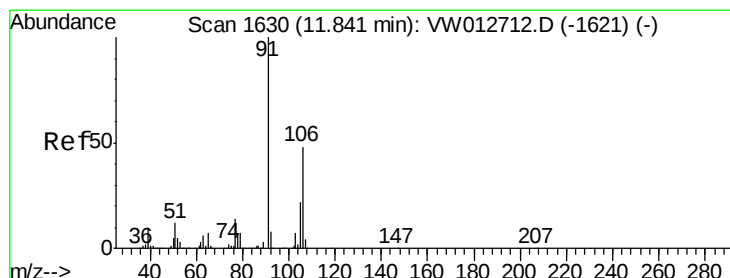
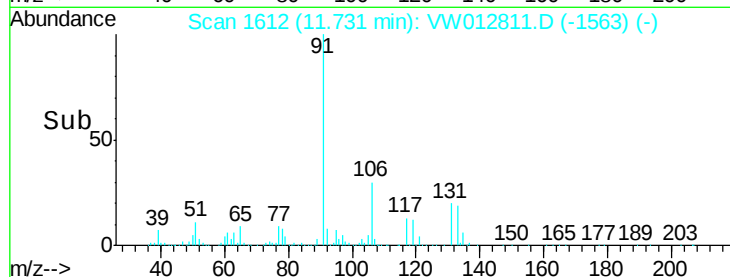
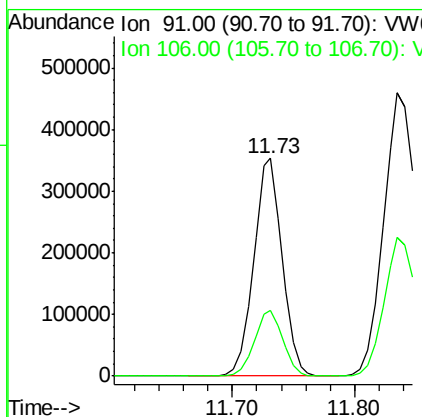
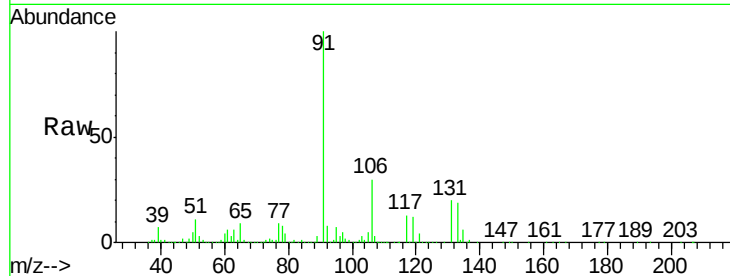
#67
Ethyl Benzene
Concen: 50.883 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 568210
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6

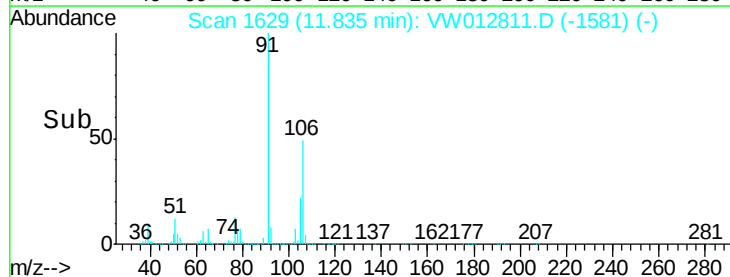
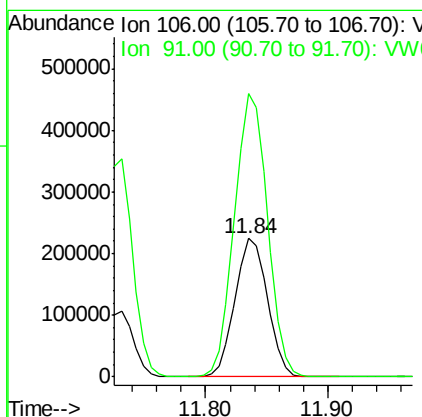
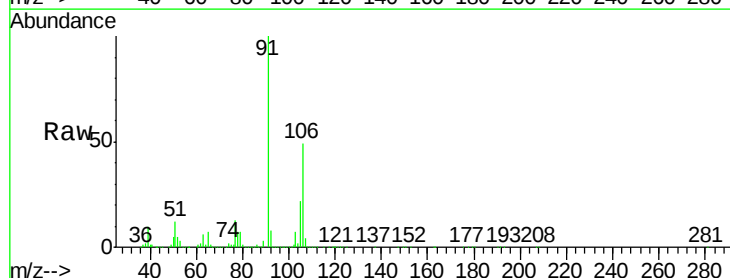
Manual Integrations
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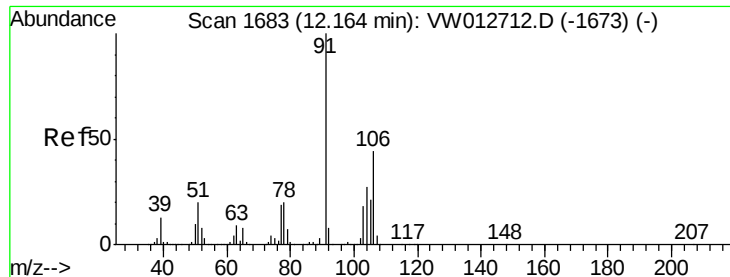
MMDadoda
9/9/2019 11:24:30 AM



#68
m/p-Xylenes
Concen: 102.611 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion: 106 Resp: 413602
Ion Ratio Lower Upper
106 100
91 207.5 168.2 252.4





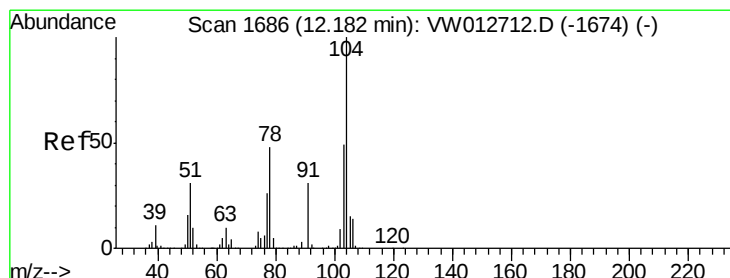
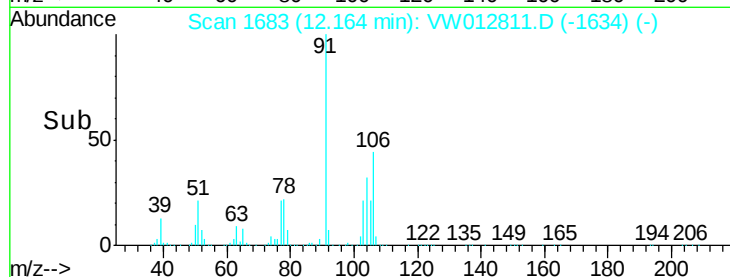
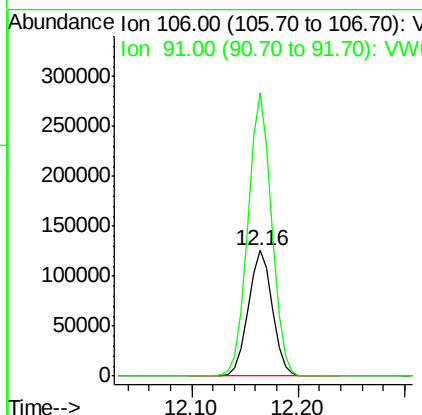
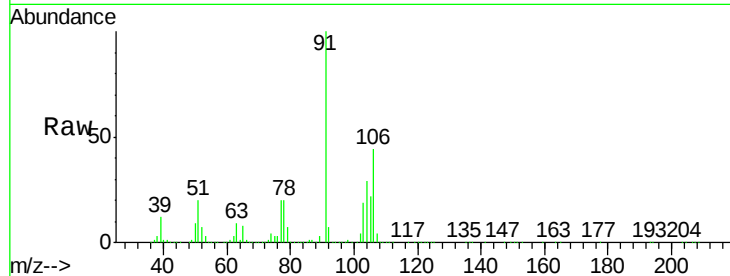
#69
o-Xylene
Concen: 52.540 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		199794		
91	221.5	112.3	336.8		

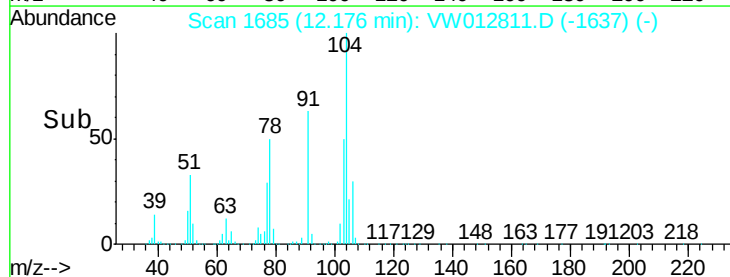
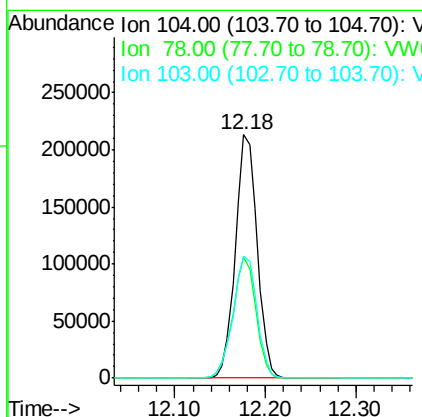
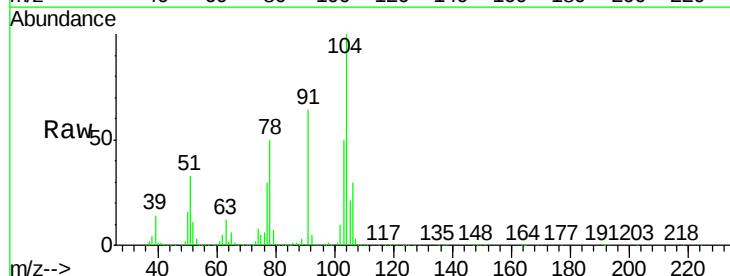
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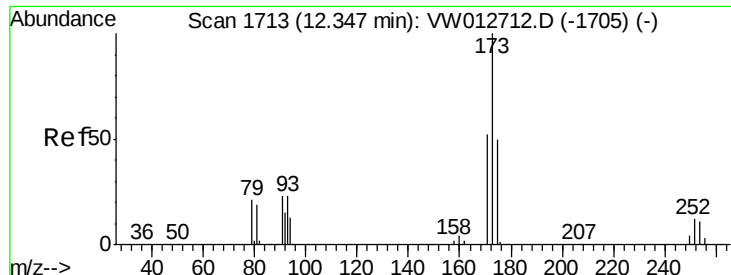
MMDadoda
9/9/2019 11:24:30 AM



#70
Styrene
Concen: 52.867 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		355246		
78	52.8	43.3	64.9		
103	54.8	44.0	66.0		





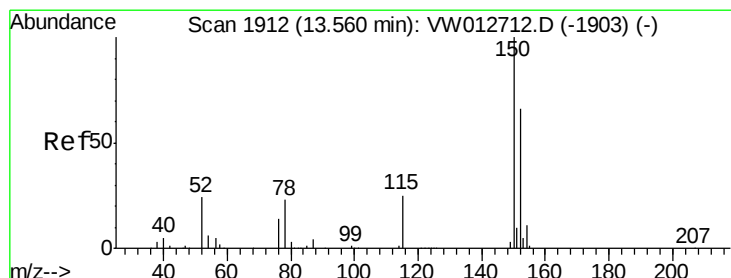
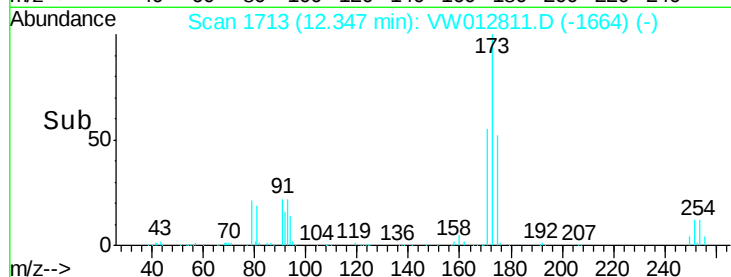
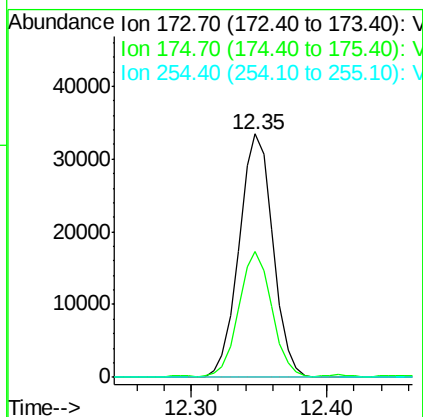
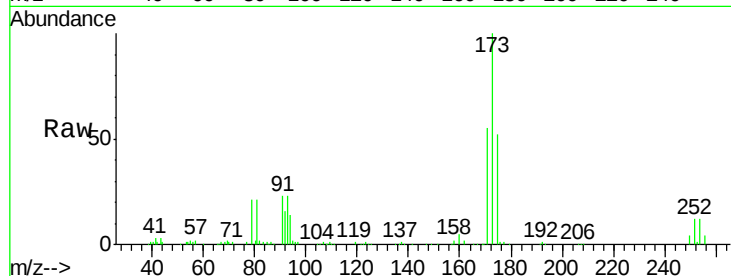
#71
Bromoform
Concen: 47.216 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.8	74.3
254	0.1	0.1	0.1

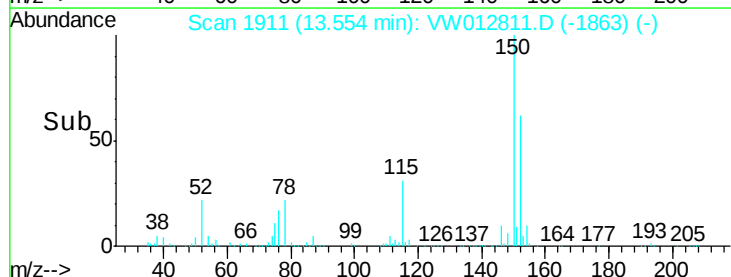
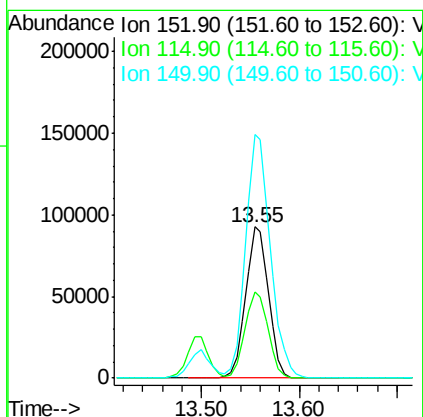
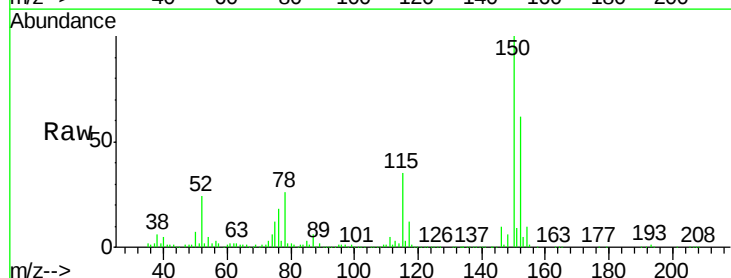
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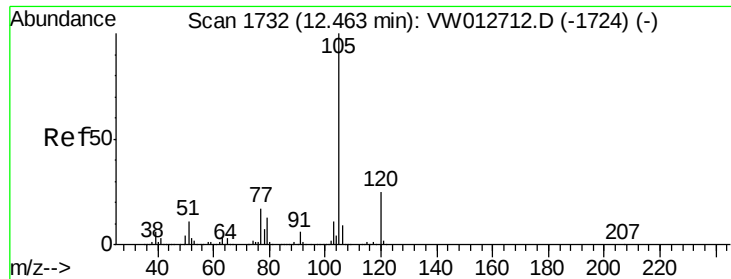
MMDadoda
9/9/2019 11:24:30 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	30.0	90.1
150	174.1	0.0	349.0





#73

Isopropylbenzene

Concen: 51.963 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 557075

Ion Ratio Lower Upper

105 100

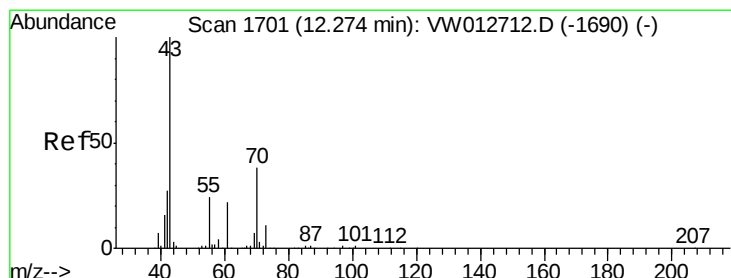
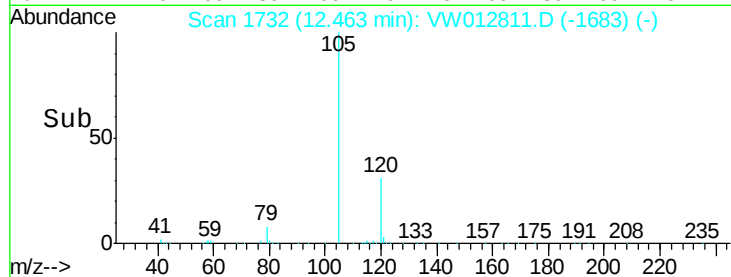
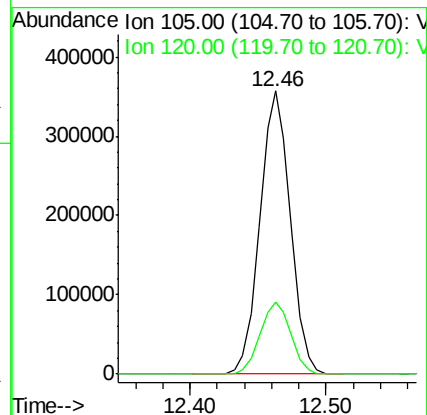
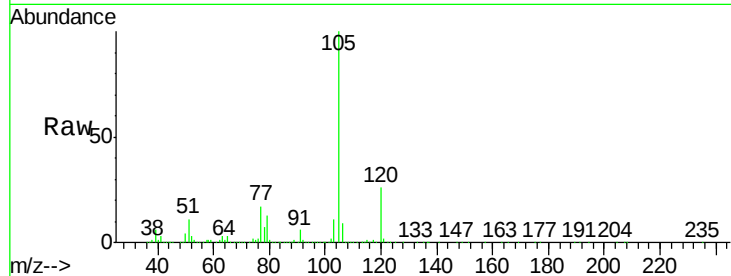
120 25.9 13.0 38.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 44.737 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Tgt Ion: 43 Resp: 152235

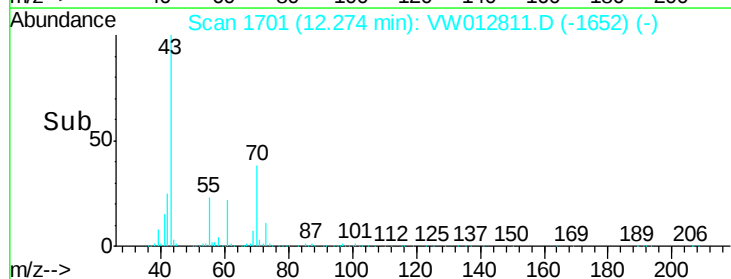
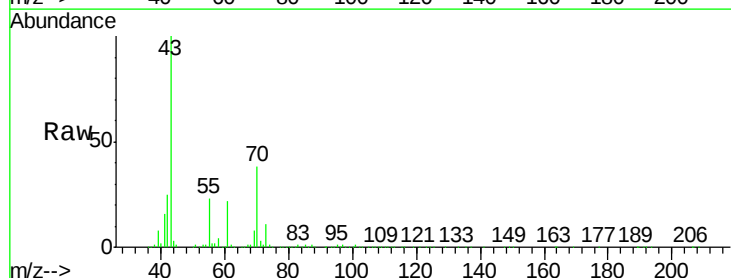
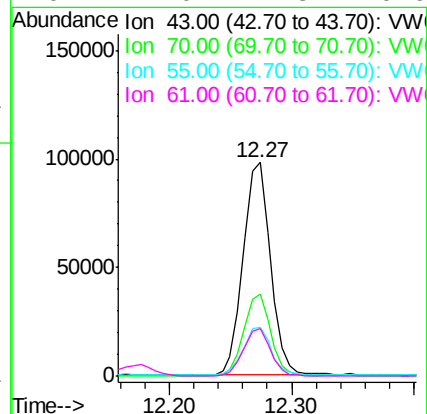
Ion Ratio Lower Upper

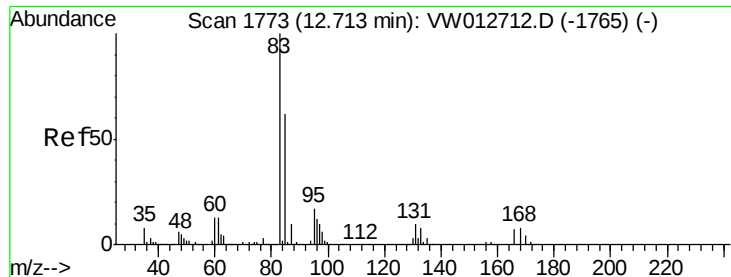
43 100

70 37.1 29.4 44.0

55 22.8 18.6 27.8

61 22.0 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.782 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

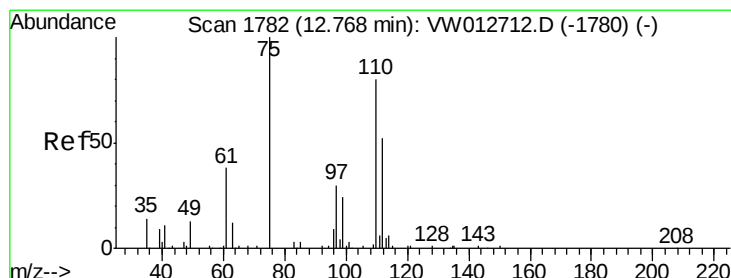
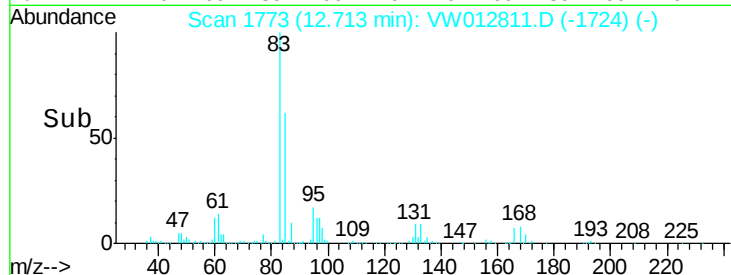
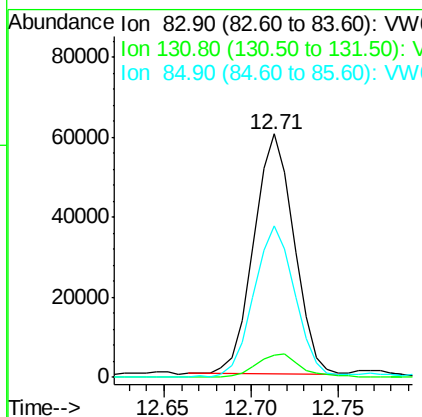
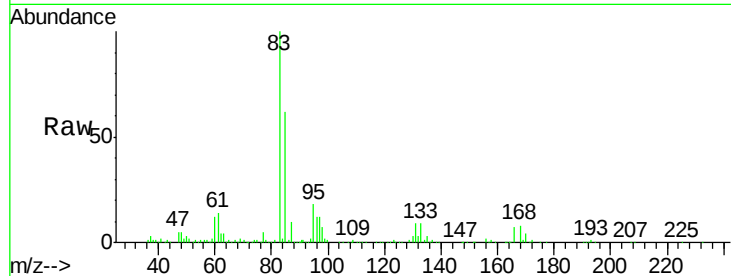
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	96417
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.4
85	63.2	31.4	94.2

Manual Integrations
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9/9/2019 11:24:30 AM



#76

1,2,3-Trichloropropane

Concen: 51.848 ug/l m

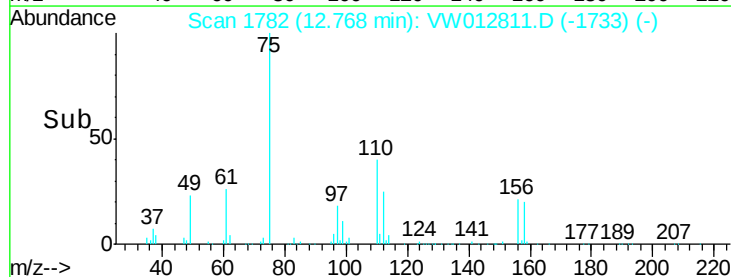
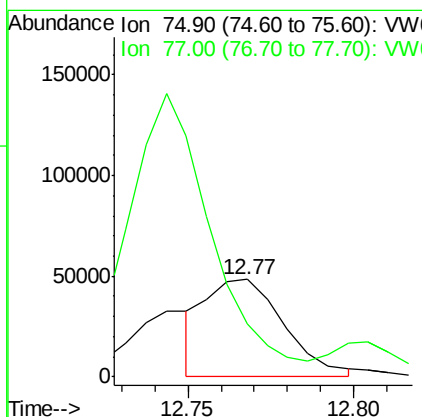
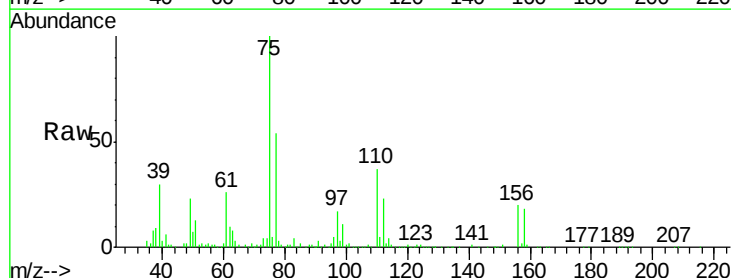
RT: 12.77 min Scan# 1782

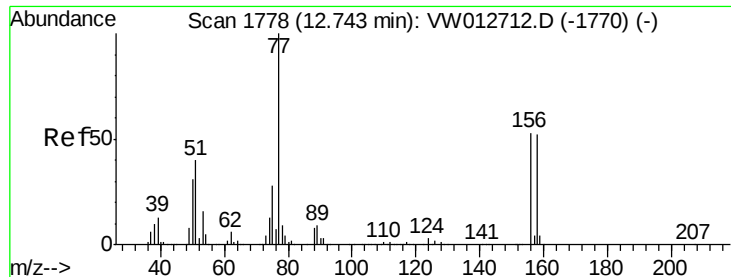
Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Tgt Ion:	75	Resp:	79246
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.704 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

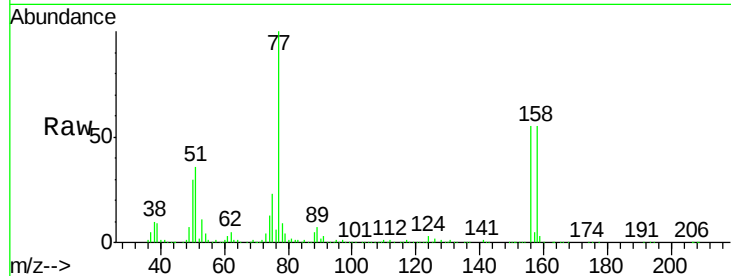
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	130441
Ion Ratio	Lower	Upper	
156	100		
77	190.0	102.3	306.9
158	97.1	48.9	146.8

Manual Integrations
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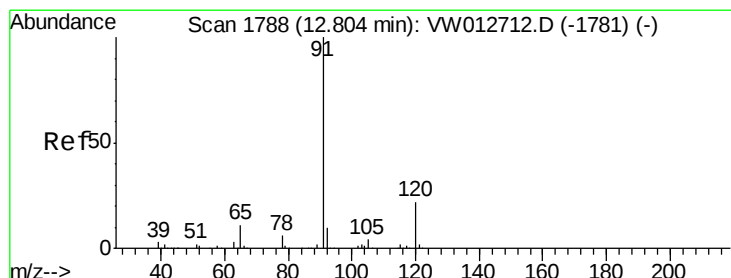
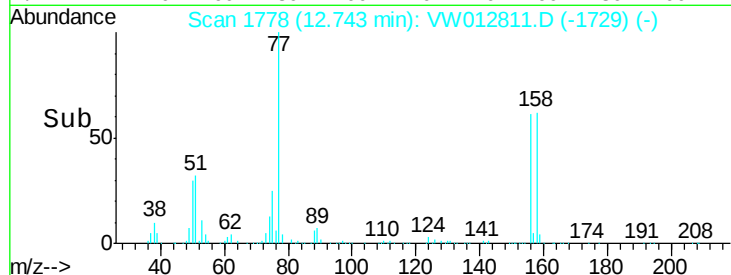
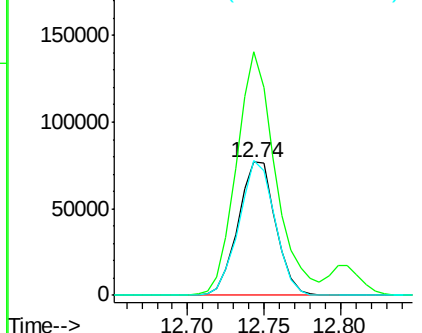
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.284 ug/l

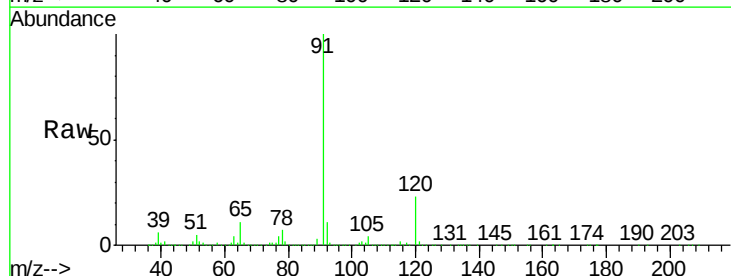
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012811.D

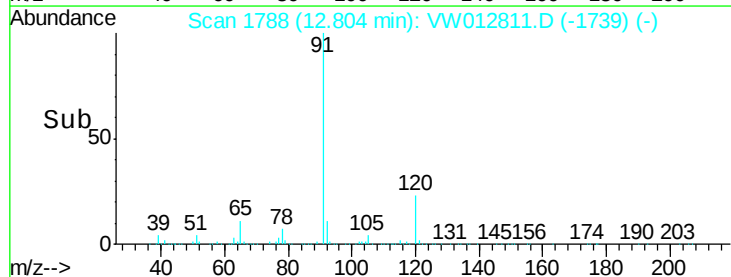
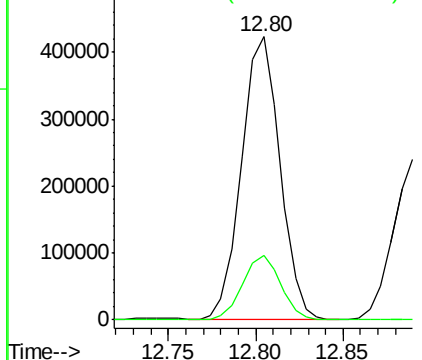
Acq: 09 Sep 2019 09:50

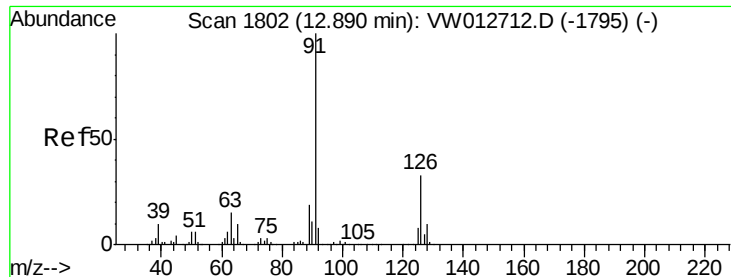
Tgt Ion:	91	Resp:	644740
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





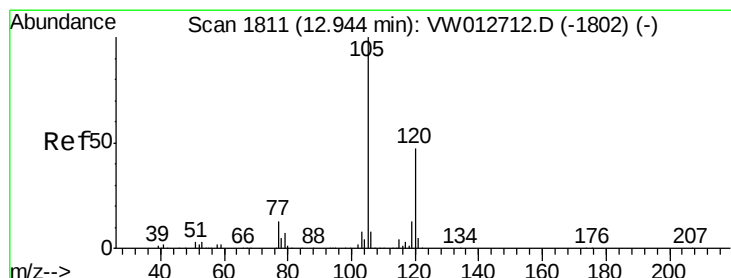
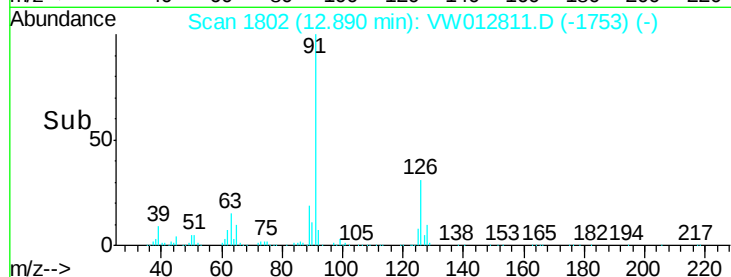
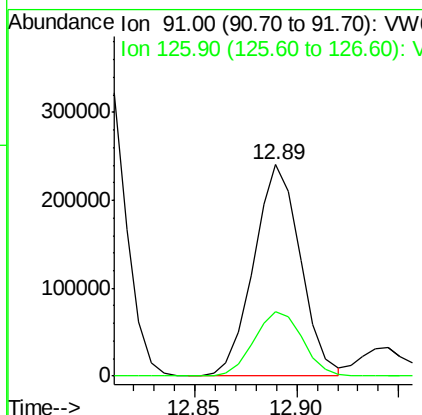
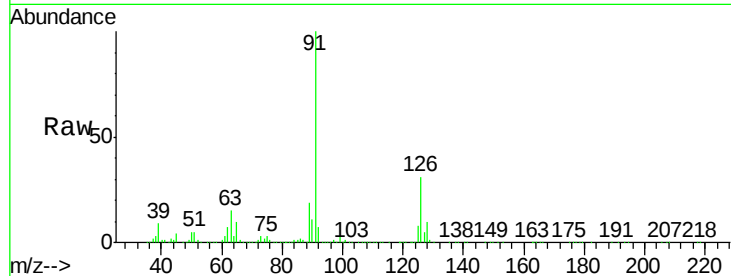
#79
2-Chlorotoluene
Concen: 51.907 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 382069
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3

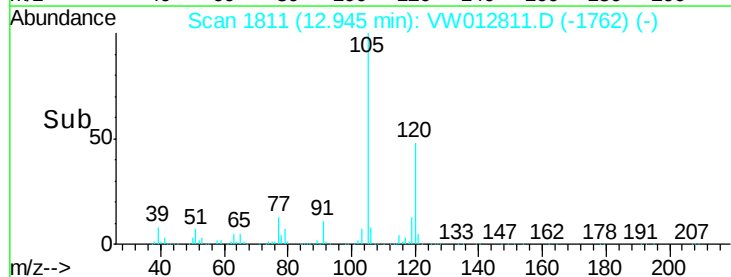
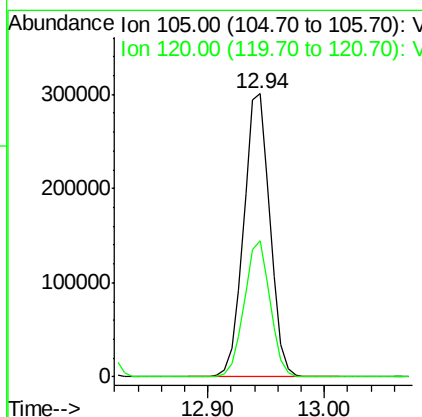
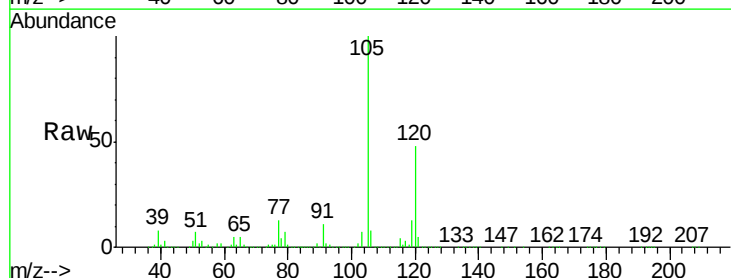
Manual Integrations
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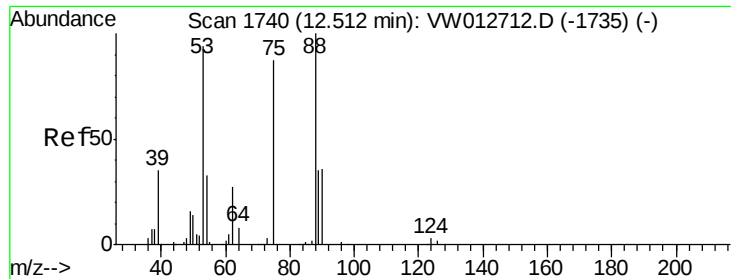
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9/9/2019 11:24:30 AM



#80
1,3,5-Trimethylbenzene
Concen: 52.026 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion: 105 Resp: 469989
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.8





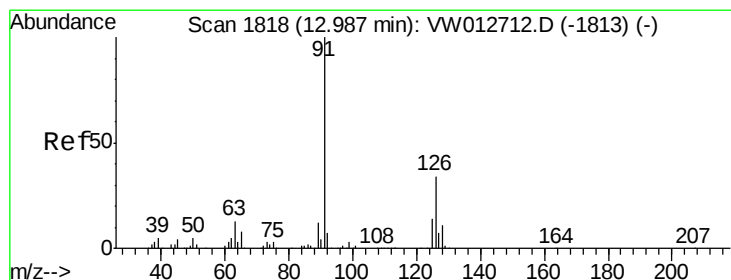
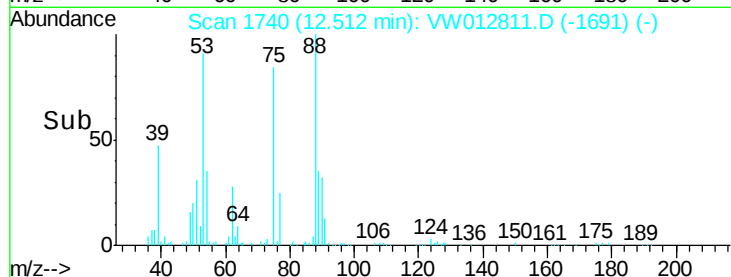
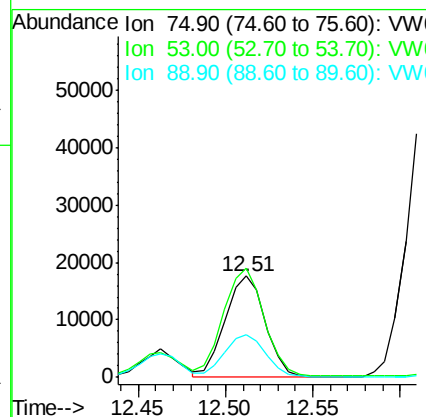
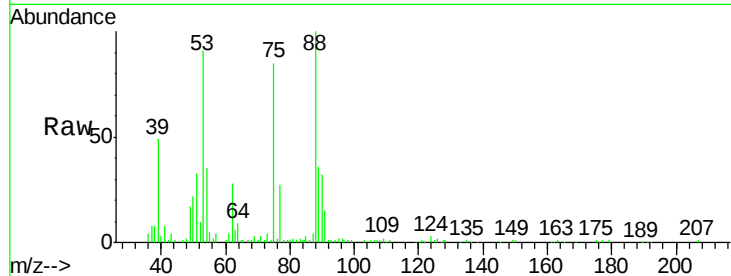
#81
trans-1,4-Dichloro-2-butene
Concen: 39.047 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.1	87.6	131.4
89	43.9	35.5	53.3

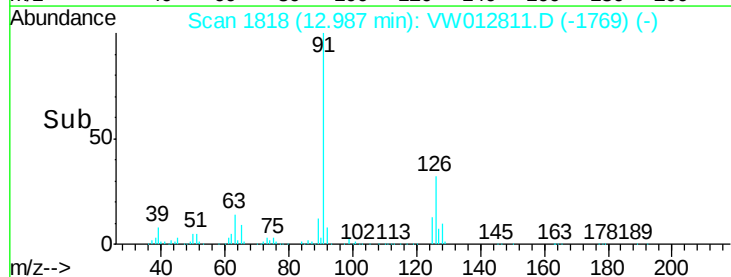
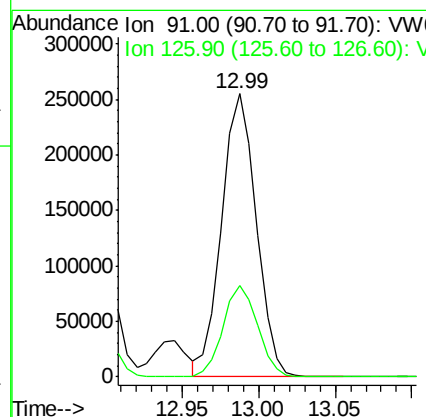
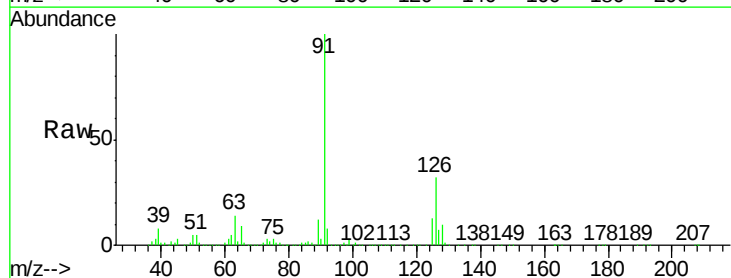
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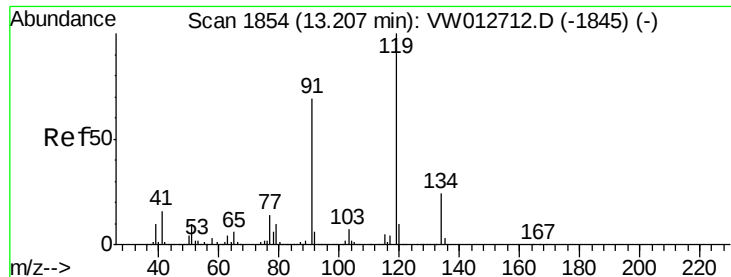
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#82
4-Chlorotoluene
Concen: 51.306 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	15.9	47.6





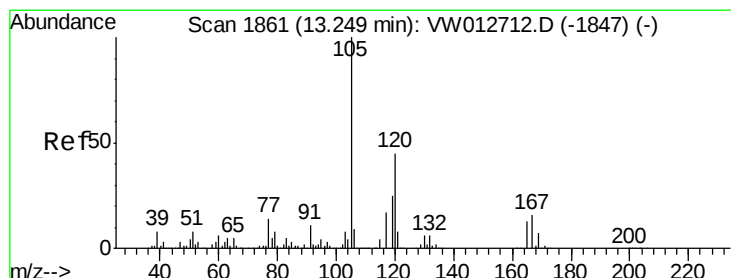
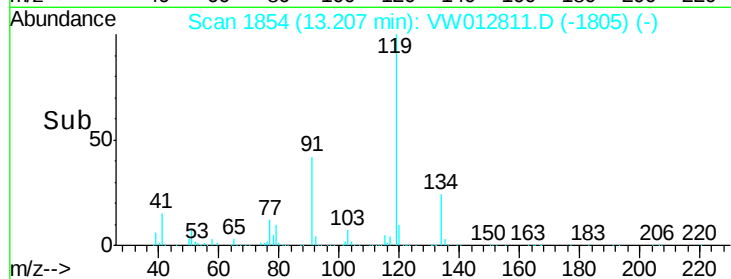
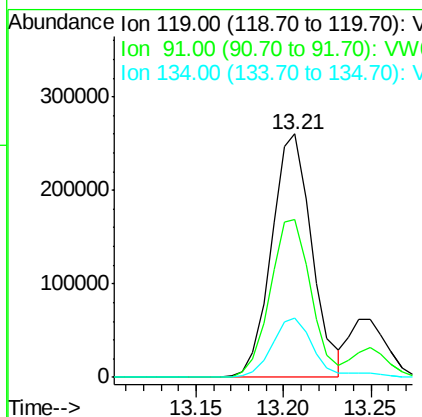
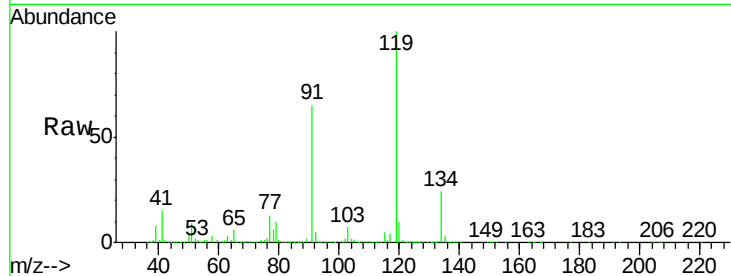
#83
tert-Butylbenzene
Concen: 52.470 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	34.2	102.5
134	24.5	12.3	36.9

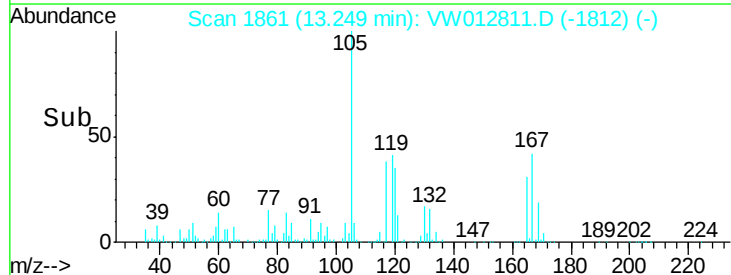
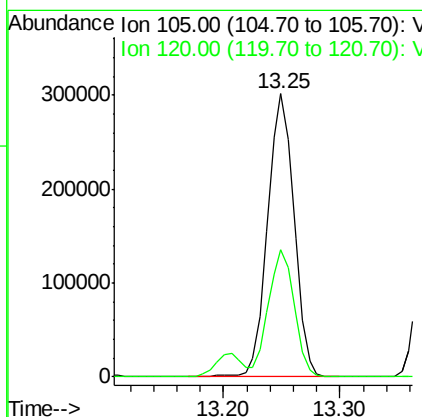
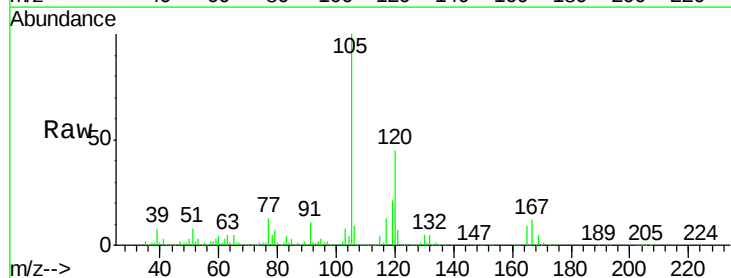
Manual Integrations
APPROVED

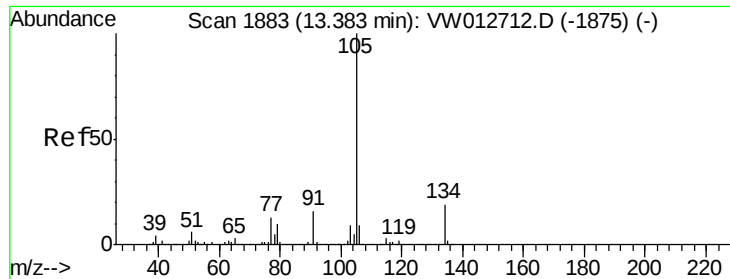
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#84
1,2,4-Trimethylbenzene
Concen: 51.770 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.3





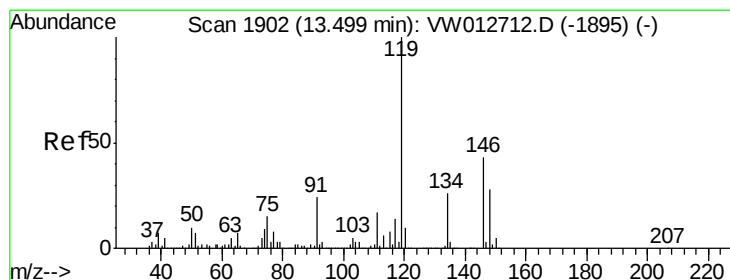
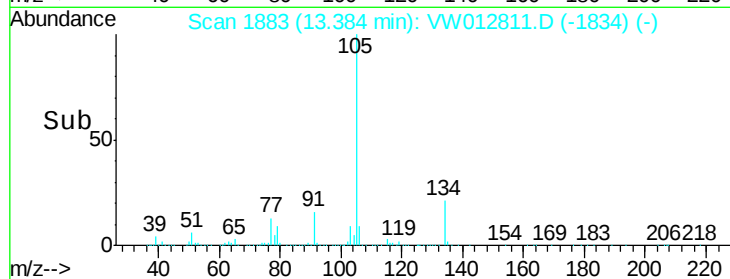
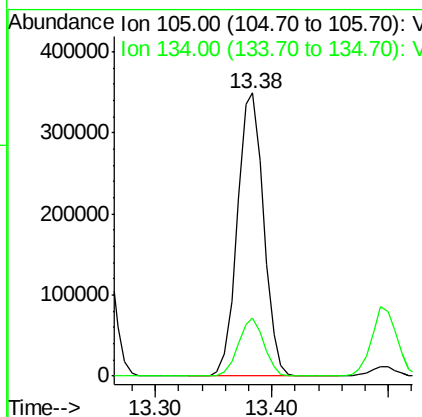
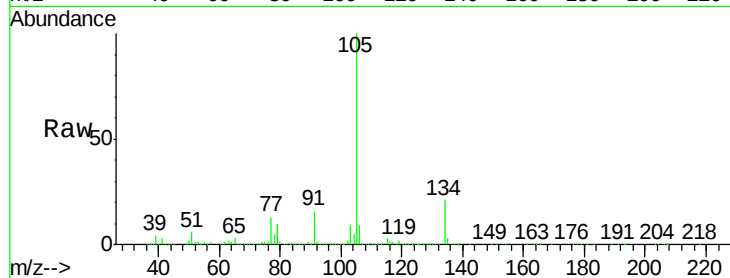
#85
 sec-Butylbenzene
 Concen: 49.485 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	548490		
134	20.1	9.8	29.3	

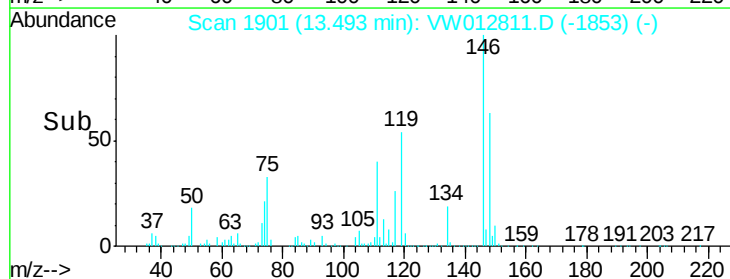
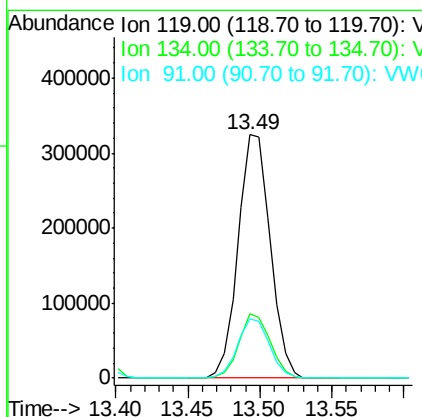
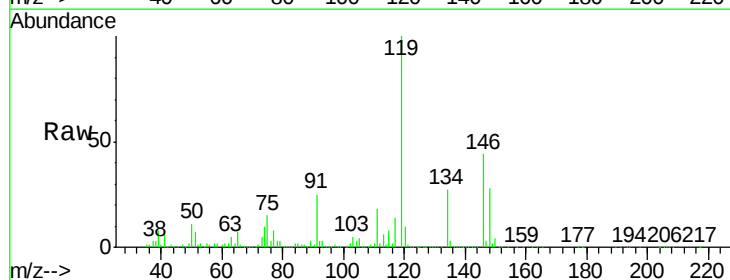
Manual Integrations
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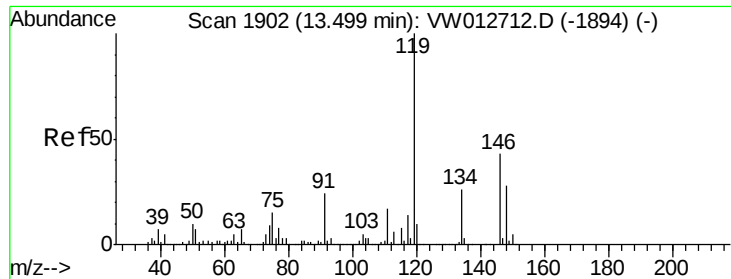
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#86
 p-Isopropyltoluene
 Concen: 49.511 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	501266		
134	25.7	12.7	38.1	
91	23.9	12.2	36.6	





#87

1,3-Dichlorobenzene

Concen: 51.694 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

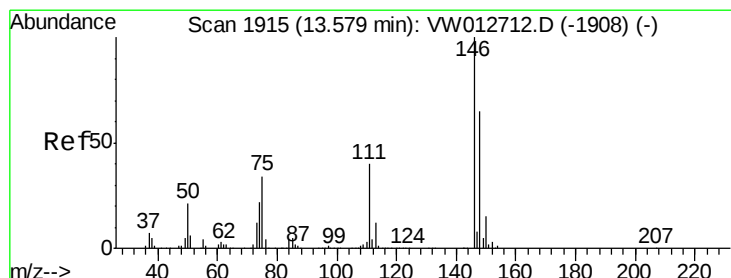
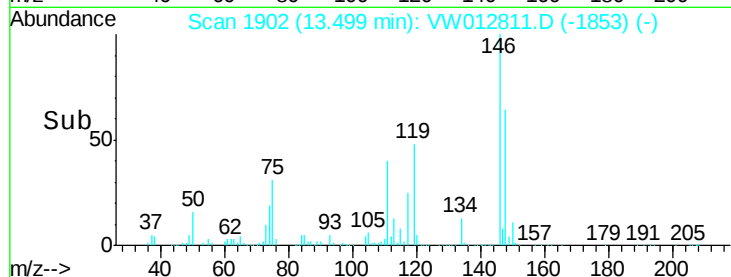
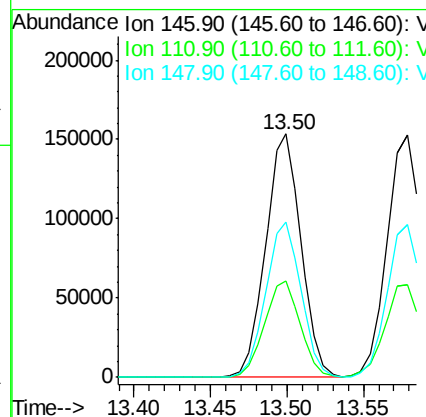
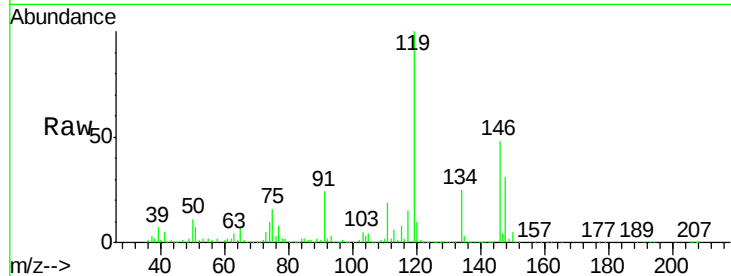
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	246792		
111	40.1	20.4	61.2	
148	63.7	31.8	95.4	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.083 ug/l

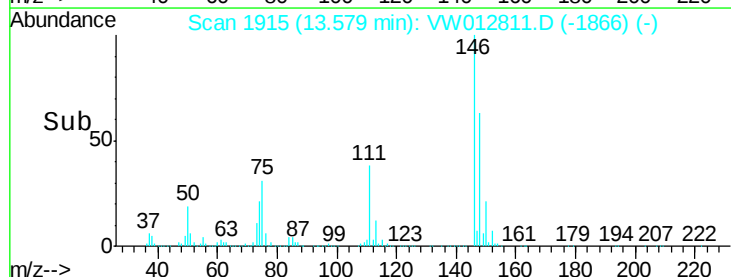
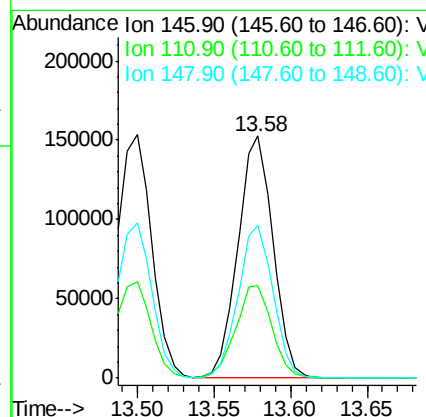
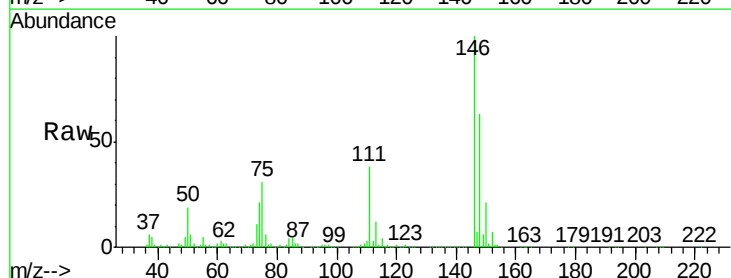
RT: 13.58 min Scan# 1915

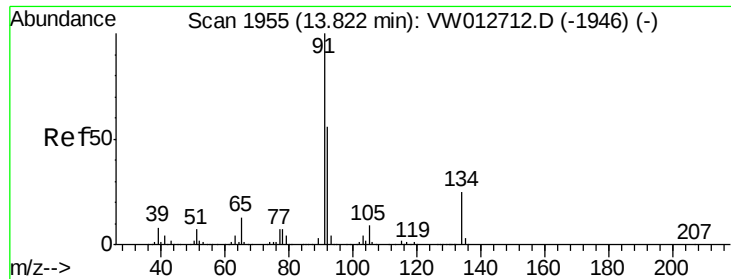
Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	242669		
111	39.4	20.0	60.0	
148	63.0	32.2	96.6	





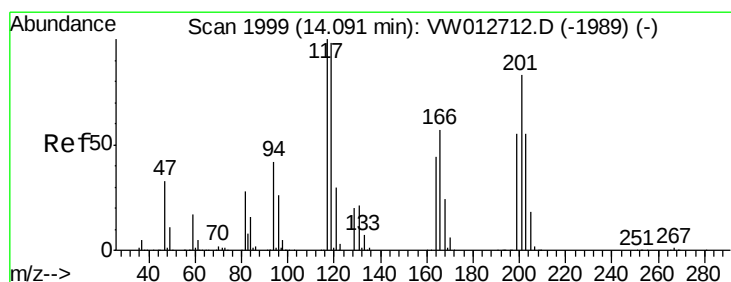
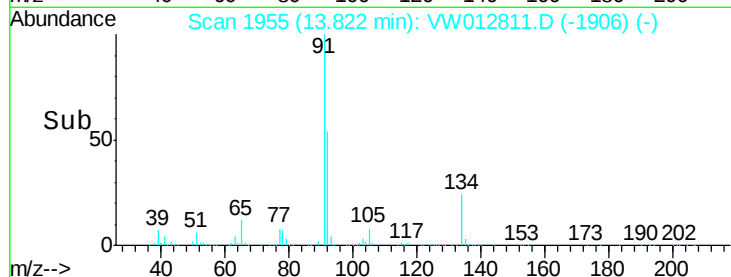
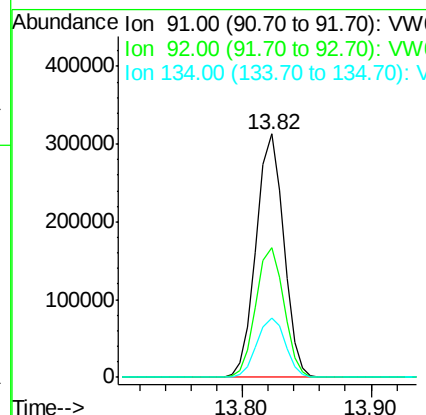
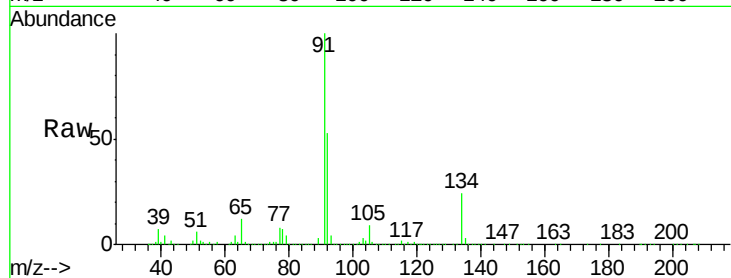
#89
n-Butylbenzene
Concen: 46.977 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	461731		
92	54.3	27.2	81.5	
134	25.4	12.7	38.1	

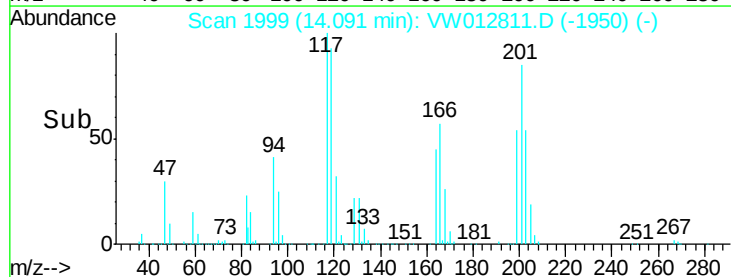
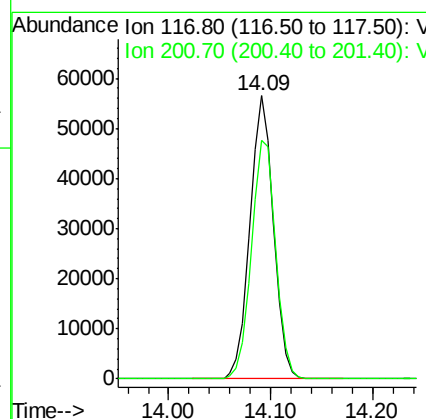
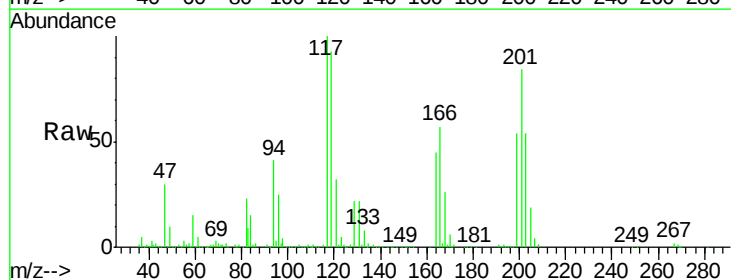
Manual Integrations
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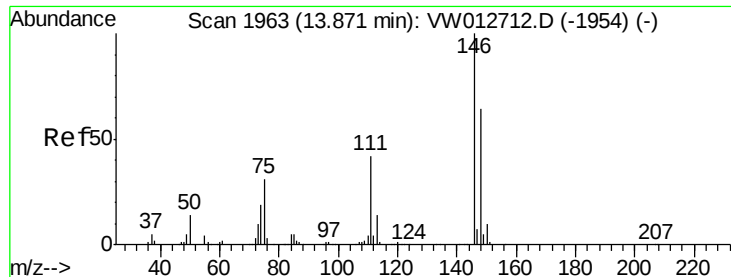
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#90
Hexachloroethane
Concen: 51.460 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012811.D
Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	90952		
201	87.1	42.8	128.4	





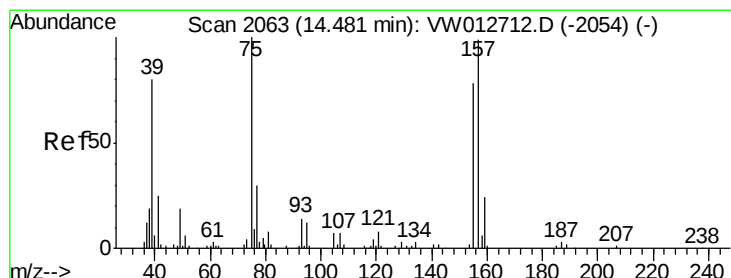
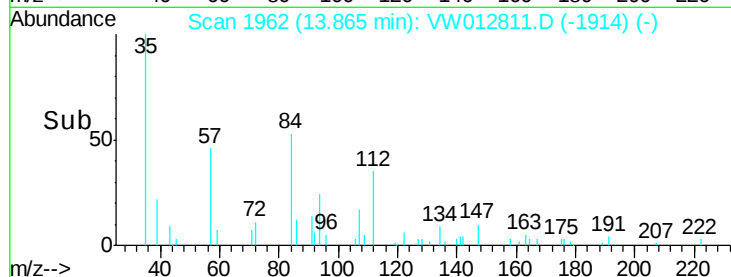
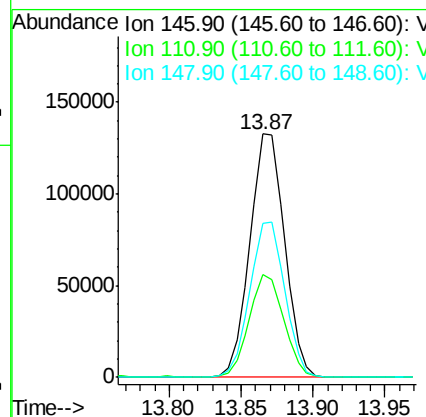
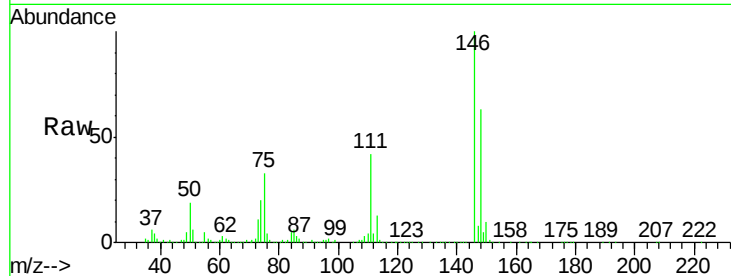
#91
 1,2-Dichlorobenzene
 Concen: 51.599 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	221719		
111	41.6	21.3	63.9	
148	64.0	32.1	96.5	

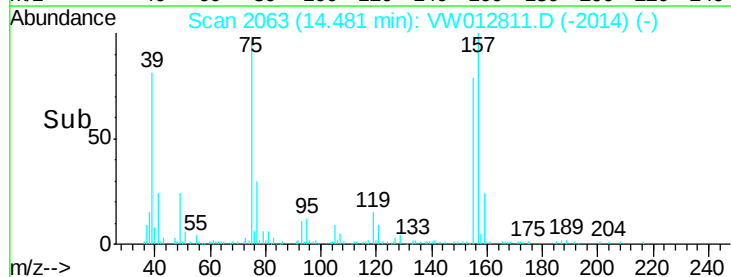
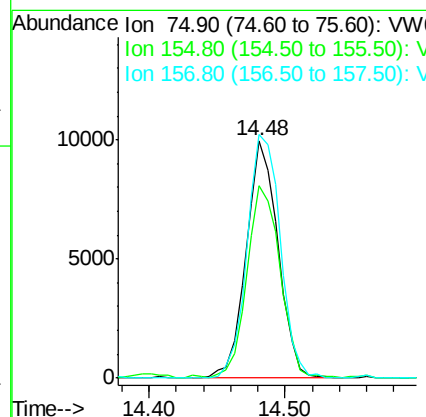
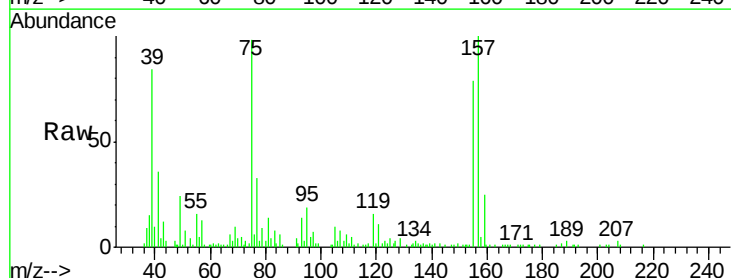
Manual Integrations
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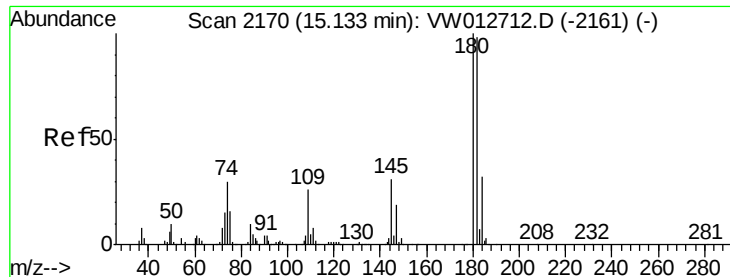
MMDadoda
 9/9/2019 11:24:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.456 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16334		
155	85.2	40.6	122.0	
157	107.1	52.5	157.5	





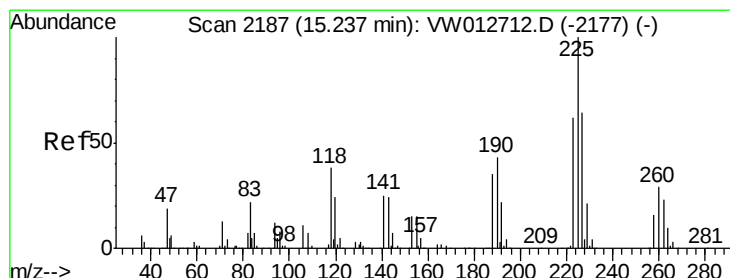
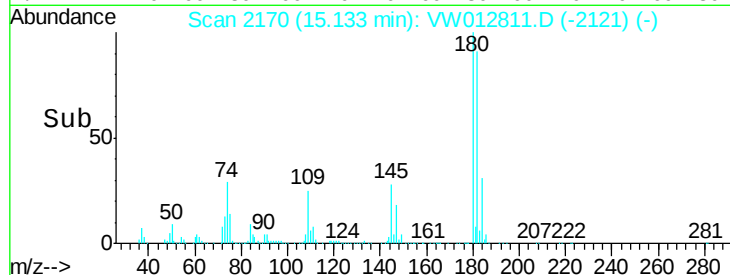
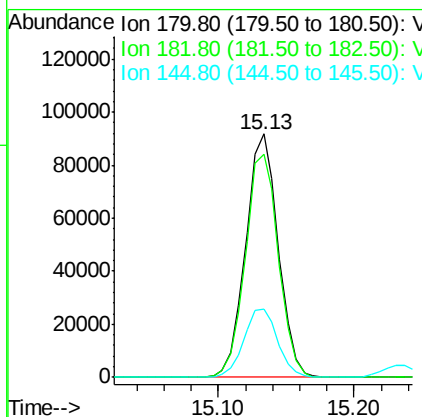
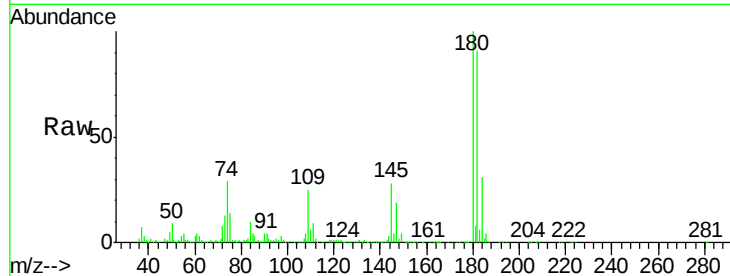
#93
 1,2,4-Trichlorobenzene
 Concen: 51.333 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	153571		
182	93.6	48.7	146.1	
145	29.3	15.0	45.1	

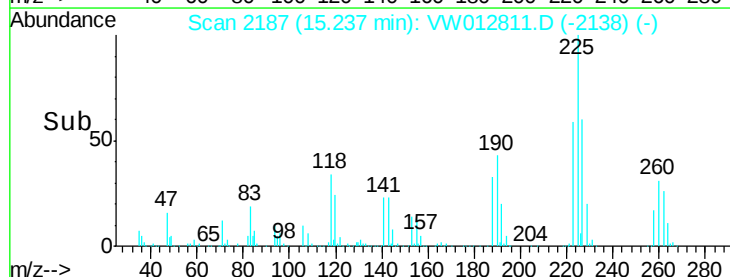
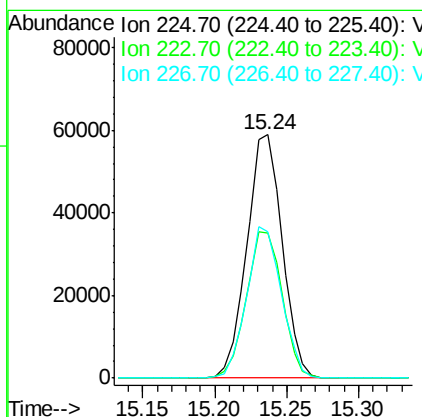
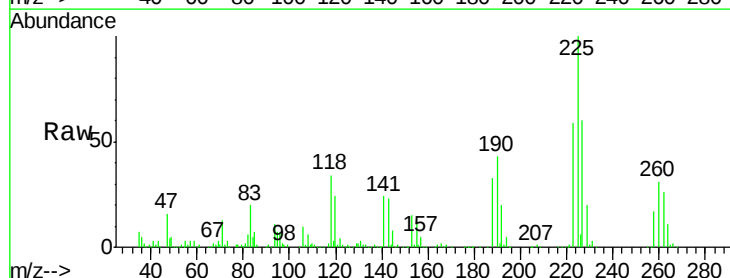
Manual Integrations
 APPROVED

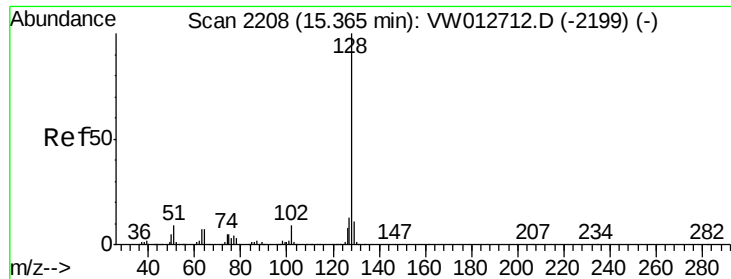
MMDadoda
 9/9/2019 11:24:30 AM



#94
 Hexachlorobutadiene
 Concen: 48.275 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012811.D
 Acq: 09 Sep 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99963		
223	61.0	31.1	93.3	
227	61.1	31.4	94.2	





#95

Naphthalene

Concen: 44.328 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Instrument :

MSVOA_W

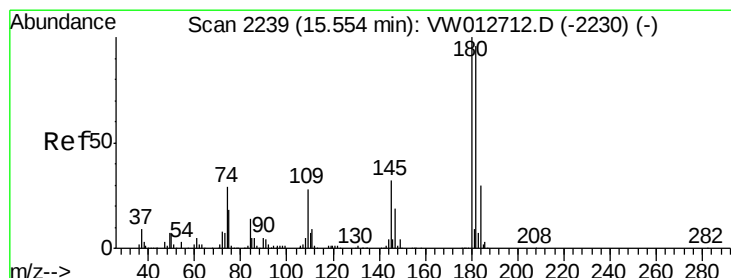
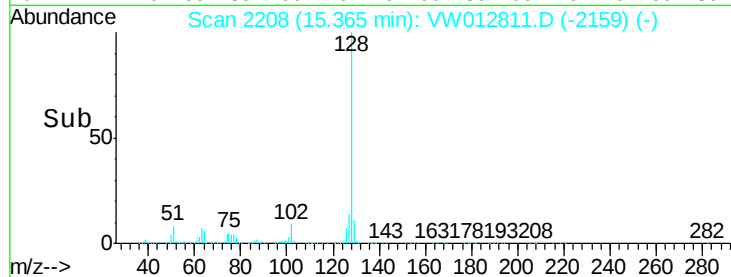
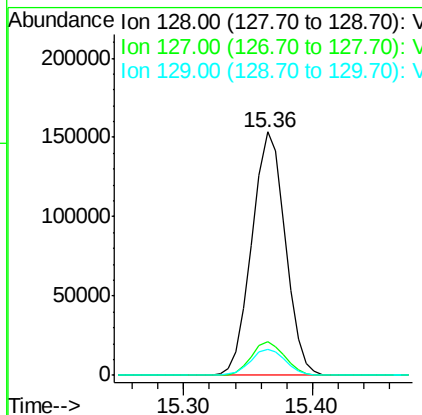
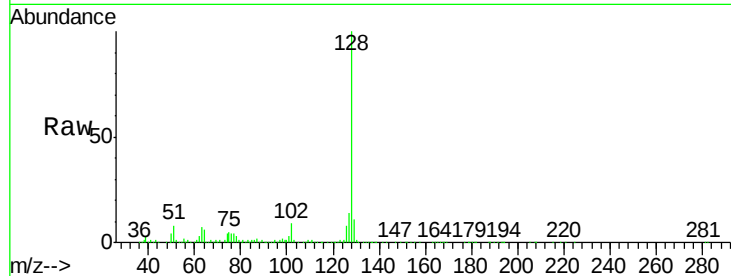
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	274521
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.7	16.1
129	11.3	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/9/2019 11:24:30 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.950 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW012811.D

Acq: 09 Sep 2019 09:50

Tgt Ion:	180	Resp:	134545
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.8	143.3
145	31.6	15.4	46.2

