

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021920\
 Data File : VX014957.D
 Acq On : 19 Feb 2020 10:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 2/20/2020 1:41:21 PM

Quant Time: Feb 20 00:28:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	448958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	325597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	247024	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	5.49	113	207850	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	8.71	98	784280	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	287342	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	220553	51.874	ug/l	100
3) Chloromethane	1.32	50	234765	48.703	ug/l	97
4) Vinyl Chloride	1.41	62	254137	48.941	ug/l	98
5) Bromomethane	1.63	94	163934	48.773	ug/l	99
6) Chloroethane	1.72	64	161844	48.710	ug/l	99
7) Trichlorofluoromethane	1.92	101	361959	49.890	ug/l	100
8) Diethyl Ether	2.18	74	147767	49.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	211881	50.313	ug/l	99
10) Methyl Iodide	2.50	142	244008	51.801	ug/l	100
11) Tert butyl alcohol	3.02	59	215783	241.200	ug/l	99
12) 1,1-Dichloroethene	2.37	96	202925	49.312	ug/l	98
13) Acrolein	2.28	56	153338	224.886	ug/l	97
14) Allyl chloride	2.72	41	350463	48.035	ug/l	99
15) Acrylonitrile	3.13	53	558722	246.357	ug/l	99
16) Acetone	2.43	43	706304	259.936	ug/l	100
17) Carbon Disulfide	2.56	76	525930	45.742	ug/l	99
18) Methyl Acetate	2.76	43	263607	51.657	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	675878	50.466	ug/l	99
20) Methylene Chloride	2.85	84	229591	47.104	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	216136	47.599	ug/l	96
22) Diisopropyl ether	3.84	45	719038	51.600	ug/l	97
23) Vinyl Acetate	3.80	43	3032187	263.964	ug/l	100
24) 1,1-Dichloroethane	3.69	63	391154	49.737	ug/l	99
25) 2-Butanone	4.65	43	882280	255.771	ug/l	99
26) 2,2-Dichloropropane	4.57	77	329685	48.644	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	252180	49.683	ug/l	99
28) Bromochloromethane	5.00	49	155973	51.166	ug/l	100
29) Tetrahydrofuran	5.11	42	497613	253.764	ug/l	99
30) Chloroform	5.20	83	394071	50.504	ug/l	100
31) Cyclohexane	5.57	56	351731	49.103	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	344032	50.404	ug/l	100
36) 1,1-Dichloropropene	5.79	75	300488	50.795	ug/l	99
37) Ethyl Acetate	4.81	43	305751	49.555	ug/l	99
38) Carbon Tetrachloride	5.78	117	294833	51.142	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	375813	50.796	ug/l	98
40) Benzene	6.13	78	891197	50.421	ug/l	100
41) Methacrylonitrile	5.03	41	171733	51.666	ug/l	98
42) 1,2-Dichloroethane	6.18	62	321438	50.317	ug/l	100
43) Isopropyl Acetate	6.43	43	518139	50.907	ug/l	99
44) Trichloroethene	7.20	130	255896	49.872	ug/l	100
45) 1,2-Dichloropropane	7.50	63	230723	51.184	ug/l	99
46) Dibromomethane	7.65	93	154748	50.222	ug/l	98
47) Bromodichloromethane	7.89	83	313682	51.344	ug/l	100
48) Methyl methacrylate	7.76	41	260247	51.956	ug/l	100
49) 1,4-Dioxane	7.73	88	99322	1060.532	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1584086	257.750	ug/l	100
52) Toluene	8.78	92	566628	50.474	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	343364	51.282	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	376650	50.921	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	229240	50.472	ug/l	99
56) Ethyl methacrylate	9.17	69	363384	53.229	ug/l	99
57) 1,3-Dichloropropane	9.36	76	388421	50.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	925647	259.262	ug/l	99
59) 2-Hexanone	9.48	43	1271793	263.274	ug/l	100
60) Dibromochloromethane	9.57	129	253343	51.832	ug/l	98
61) 1,2-Dibromoethane	9.67	107	245763	50.150	ug/l	99
64) Tetrachloroethene	9.33	164	266740	46.505	ug/l	98
65) Chlorobenzene	10.13	112	624669	50.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	234629	51.940	ug/l	100
67) Ethyl Benzene	10.25	91	1105414	52.237	ug/l	100
68) m/p-Xylenes	10.35	106	848136	104.039	ug/l	99
69) o-Xylene	10.69	106	409307	52.232	ug/l	99
70) Styrene	10.71	104	702870	53.018	ug/l	100
71) Bromoform	10.85	173	195776	51.922	ug/l #	98
73) Isopropylbenzene	11.01	105	1097362	53.743	ug/l	100
74) N-amyl acetate	10.89	43	456097	53.760	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	342101	51.254	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	289220m	49.121	ug/l	
77) Bromobenzene	11.25	156	288897	50.692	ug/l	99
78) n-propylbenzene	11.35	91	1259476	53.331	ug/l	100
79) 2-Chlorotoluene	11.42	91	728231	52.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	918447	53.834	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116760	50.761	ug/l	97
82) 4-Chlorotoluene	11.51	91	857333	52.145	ug/l	100
83) tert-Butylbenzene	11.76	119	889938	55.084	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	928817	54.022	ug/l	99
85) sec-Butylbenzene	11.94	105	1089321	54.275	ug/l	99
86) p-Isopropyltoluene	12.06	119	1008019	53.671	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	518012	50.667	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	523045	50.097	ug/l	100
89) n-Butylbenzene	12.39	91	886107	52.679	ug/l	100
90) Hexachloroethane	12.59	117	177672	54.170	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	517379	51.602	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74266	47.427	ug/l	99

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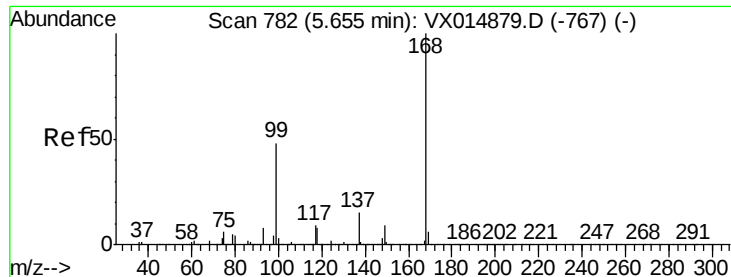
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	379464	51.276	ug/l	98
94) Hexachlorobutadiene	13.78	225	192134	53.677	ug/l	99
95) Naphthalene	13.83	128	1065034	54.127	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	371819	52.004	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 448958

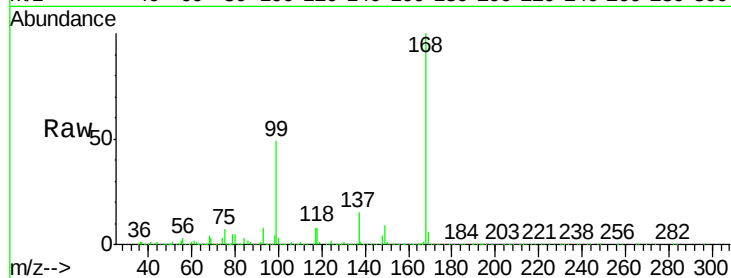
Ion Ratio Lower Upper

168 100

99 48.8 38.7 58.1

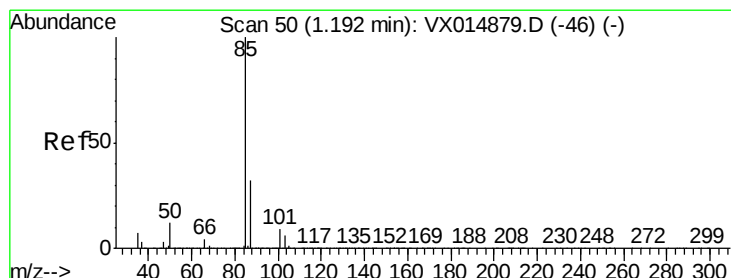
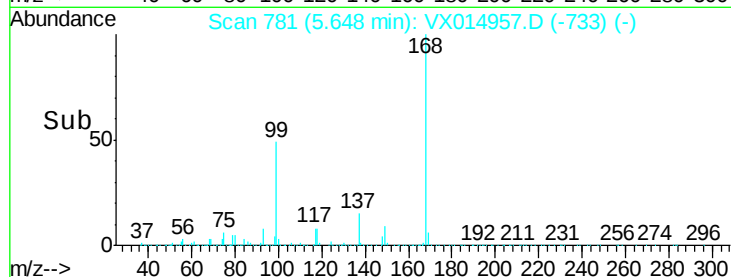
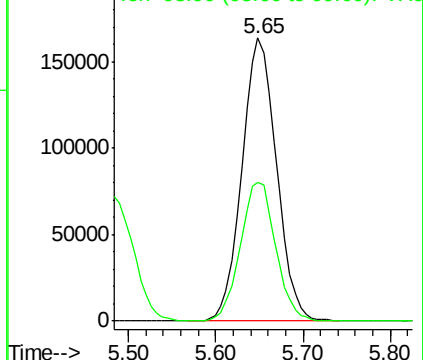
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.874 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014957.D

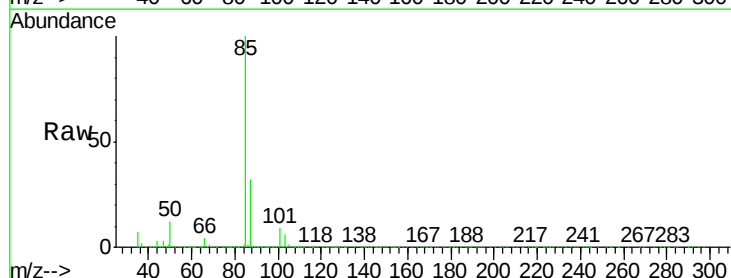
Acq: 19 Feb 2020 10:17

Tgt Ion: 85 Resp: 220553

Ion Ratio Lower Upper

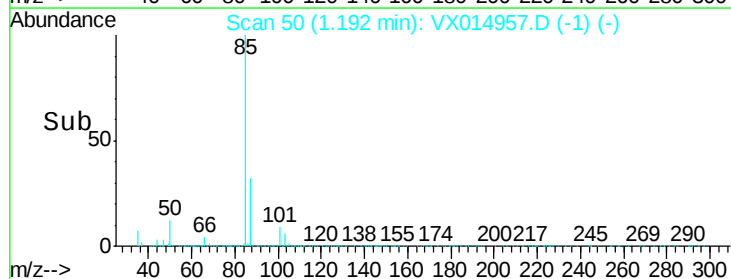
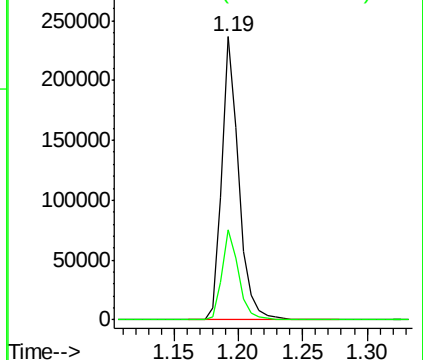
85 100

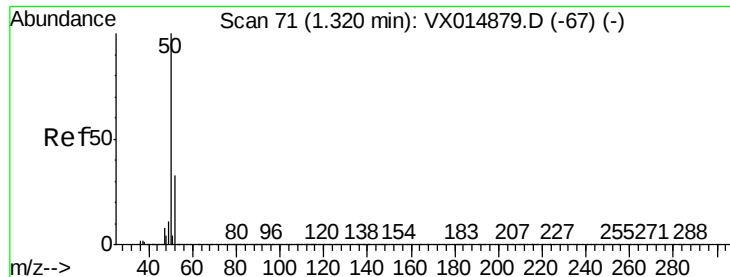
87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.703 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 234765

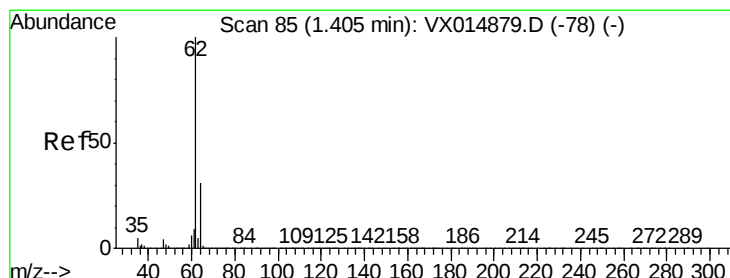
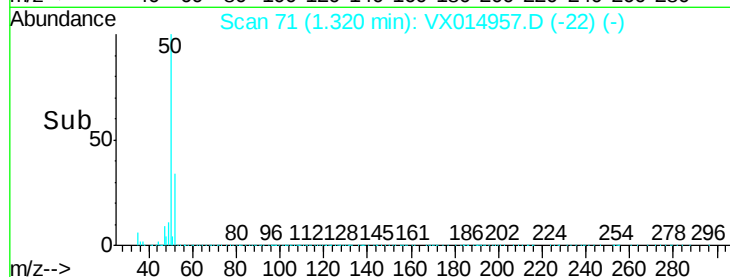
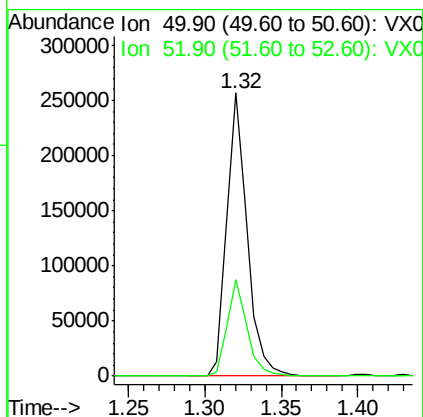
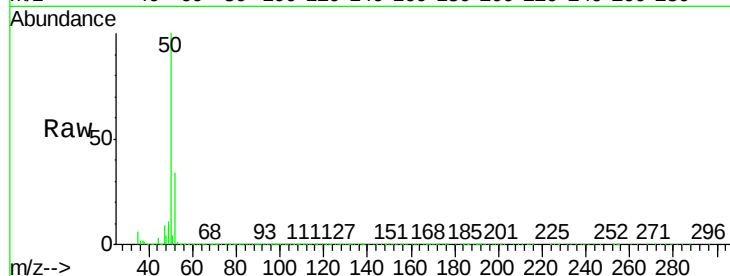
Ion Ratio Lower Upper

50 100

52 34.3 26.2 39.2

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#4

Vinyl Chloride

Concen: 48.941 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014957.D

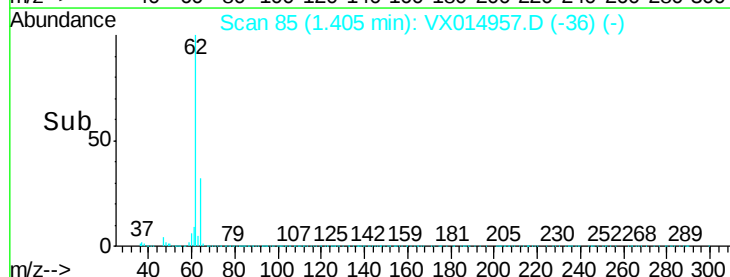
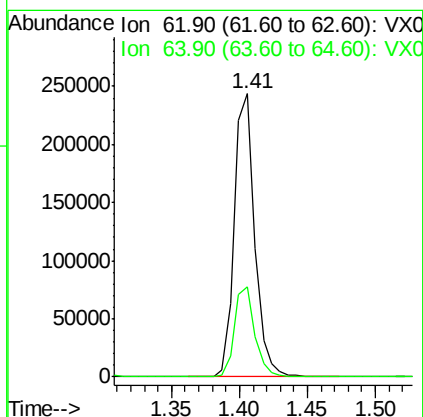
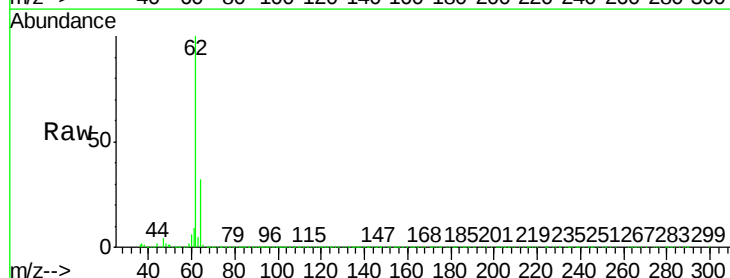
Acq: 19 Feb 2020 10:17

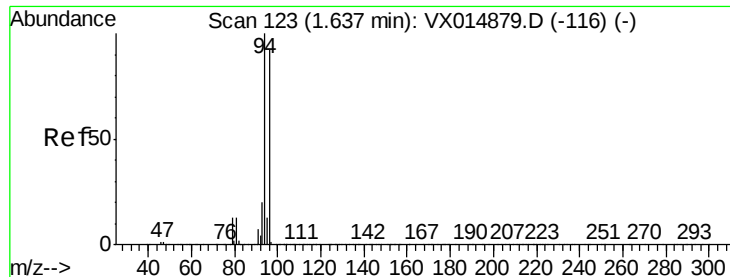
Tgt Ion: 62 Resp: 254137

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2





#5

Bromomethane

Concen: 48.773 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 163934

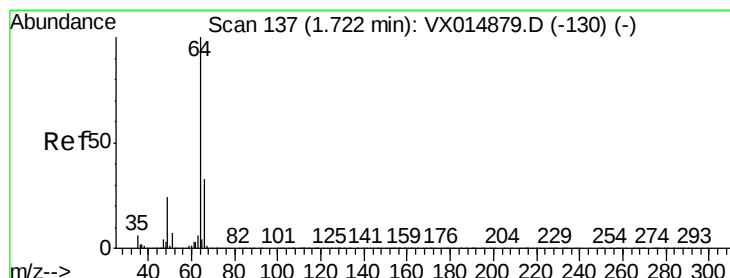
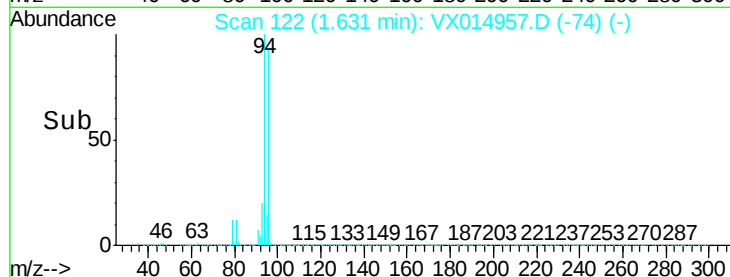
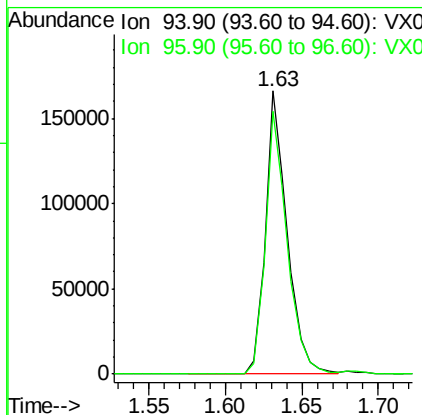
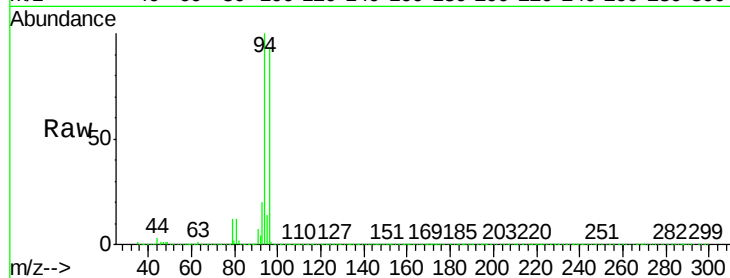
Ion Ratio Lower Upper

94 100

96 92.7 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 48.710 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014957.D

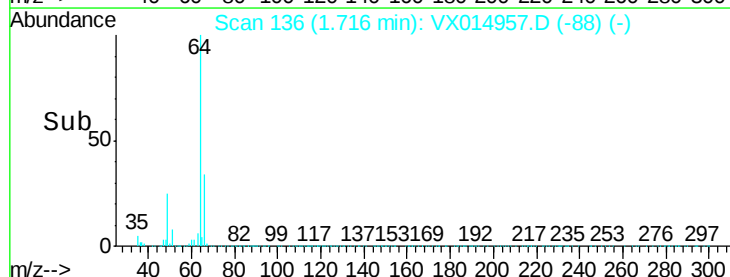
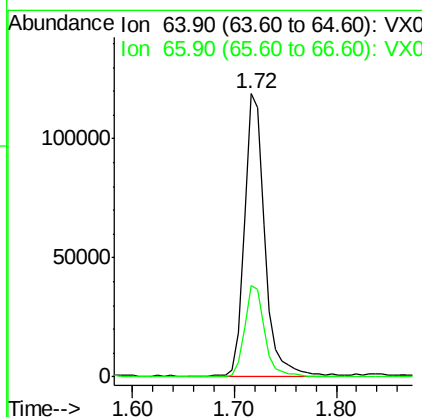
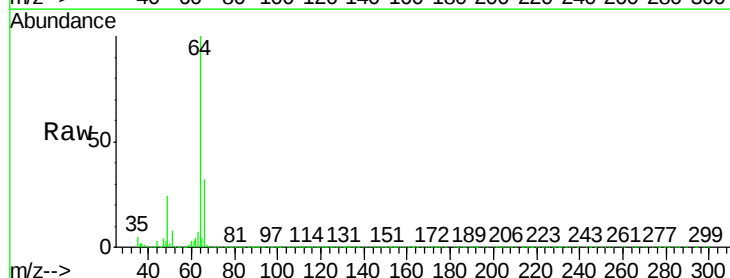
Acq: 19 Feb 2020 10:17

Tgt Ion: 64 Resp: 161844

Ion Ratio Lower Upper

64 100

66 32.3 26.2 39.4





#7

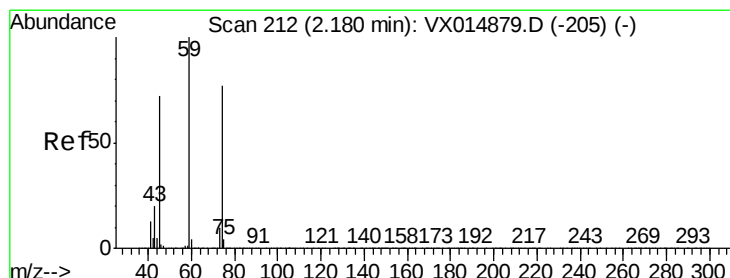
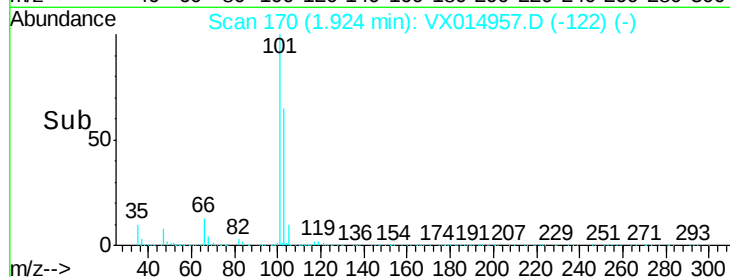
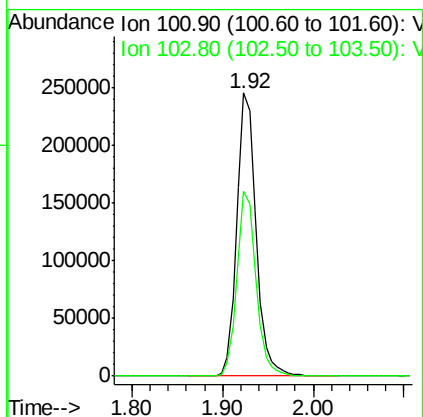
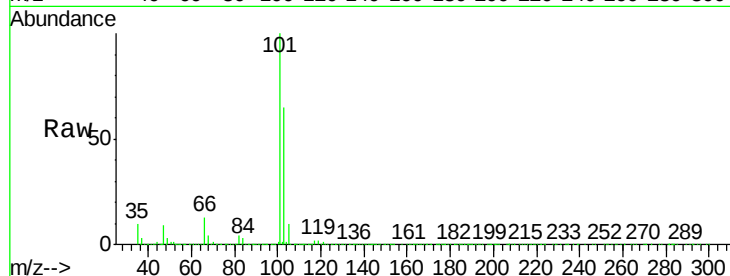
Trichlorofluoromethane
Concen: 49.890 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014957.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.4

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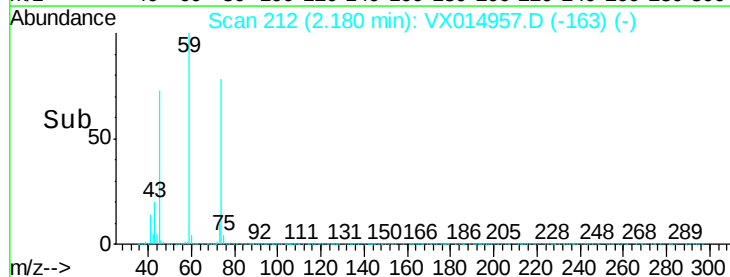
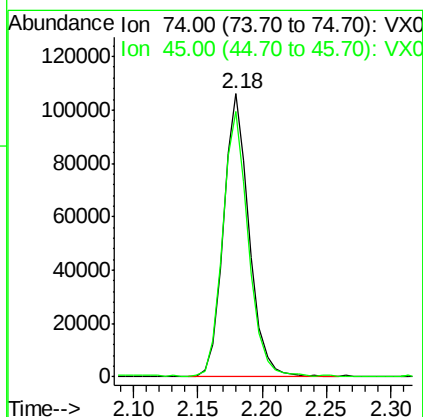
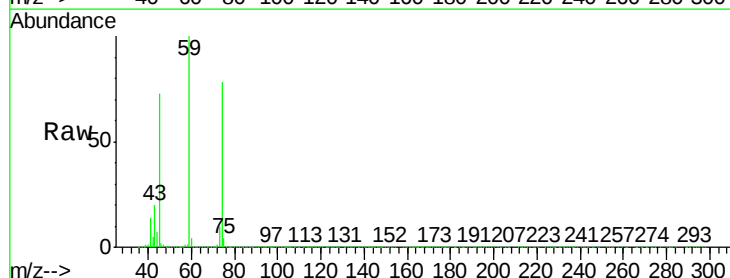
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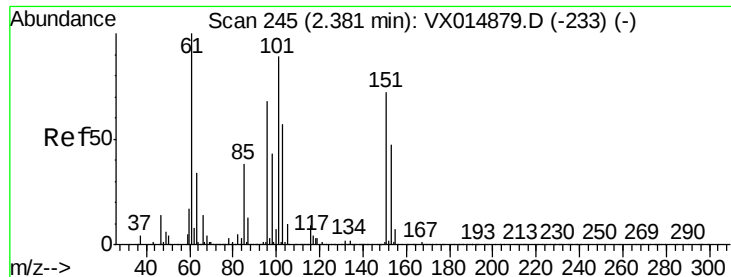


#8

Diethyl Ether
Concen: 49.116 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.313 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

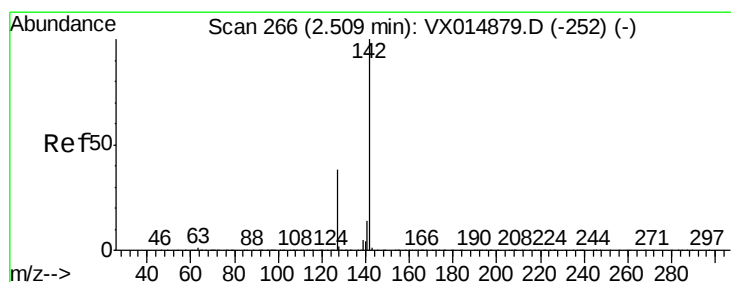
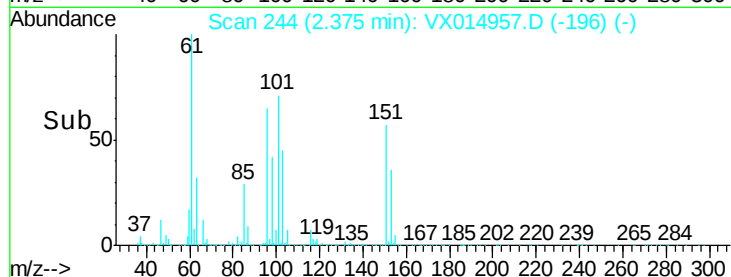
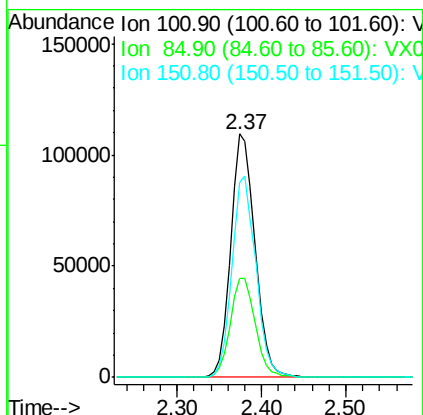
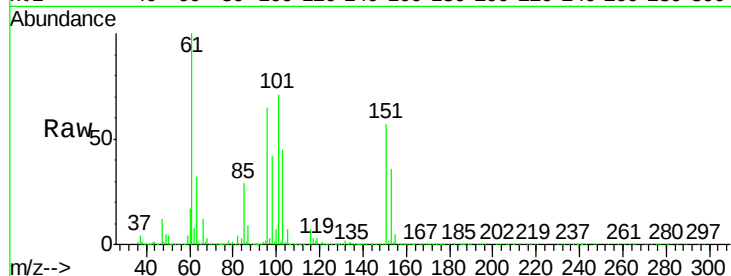
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	211881
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.1	51.1
151	82.4	67.3	100.9

Manual Integrations
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2/20/2020 1:41:21 PM



#10

Methyl Iodide

Concen: 51.801 ug/l

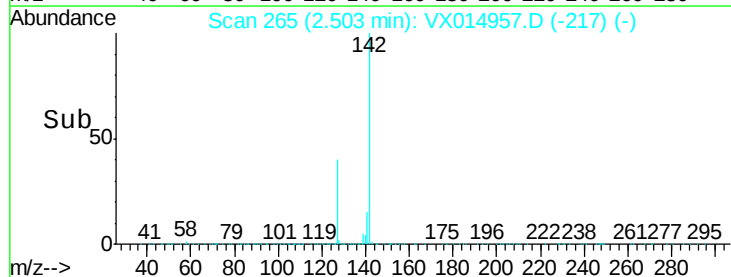
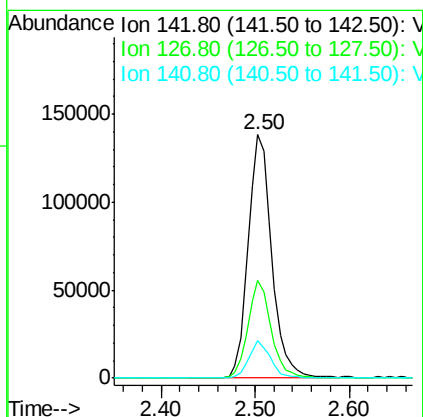
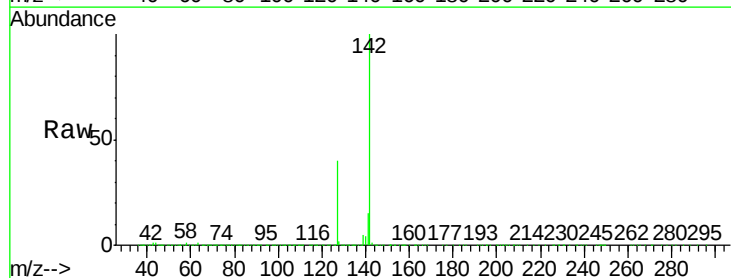
RT: 2.50 min Scan# 265

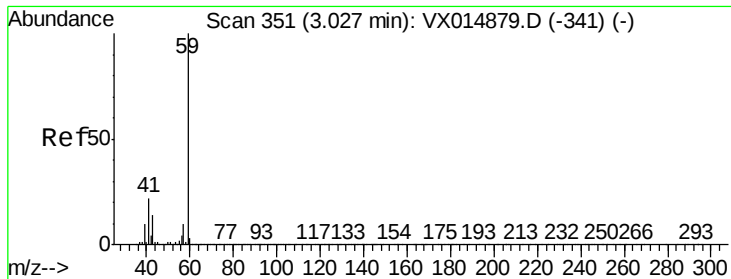
Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion:	142	Resp:	244008
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.1	46.7
141	14.4	11.3	16.9





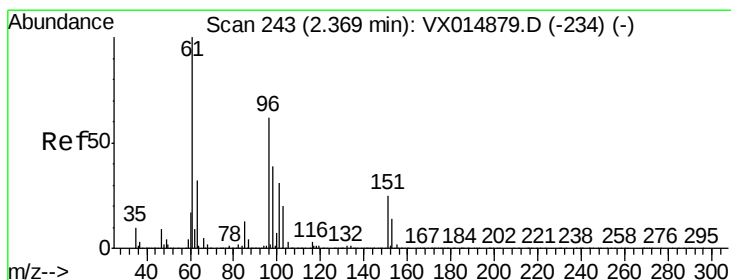
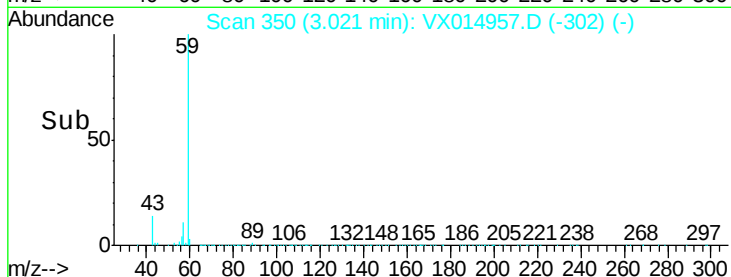
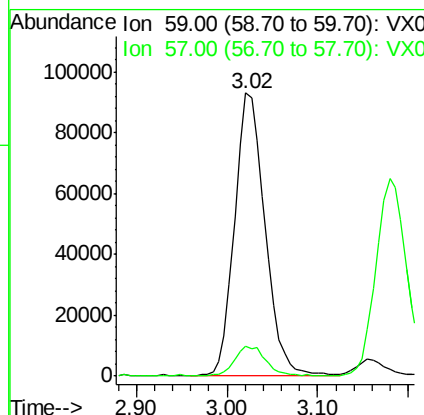
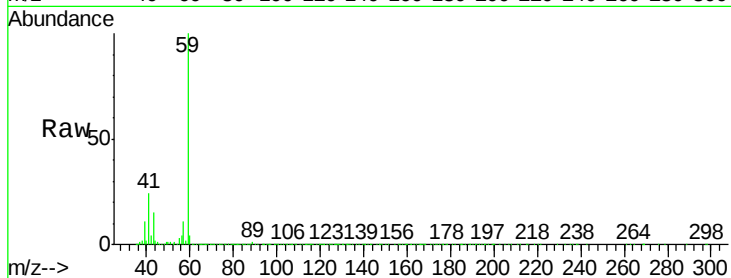
#11
Tert butyl alcohol
Concen: 241.200 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 215783
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

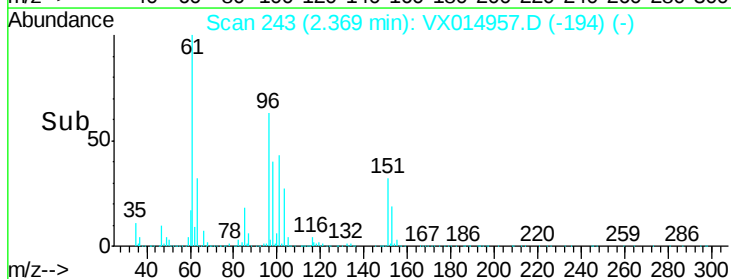
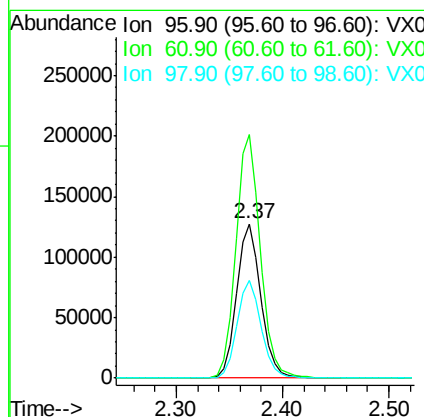
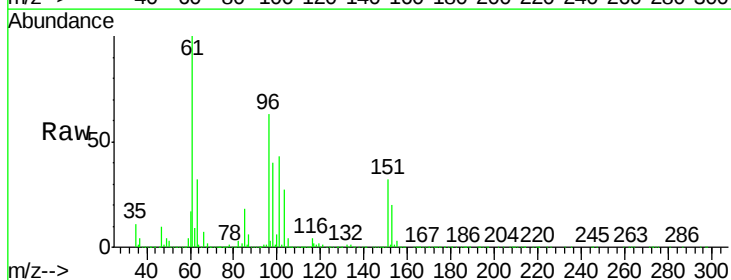
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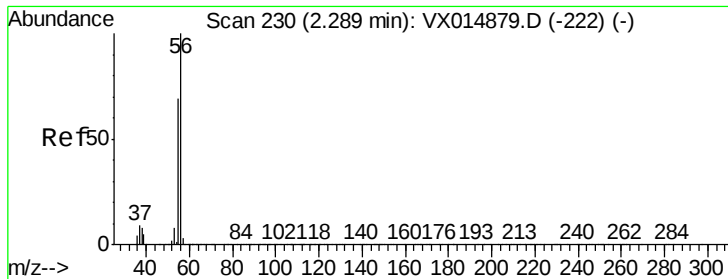
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.312 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 96 Resp: 202925
Ion Ratio Lower Upper
96 100
61 158.0 129.5 194.3
98 63.3 50.6 76.0





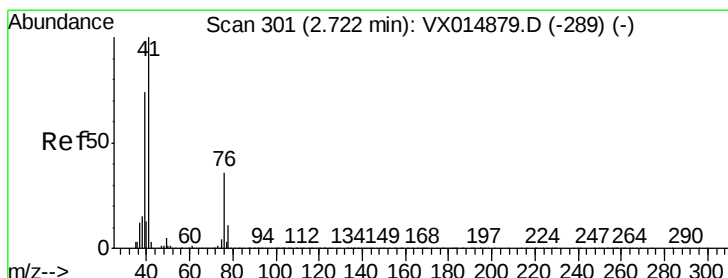
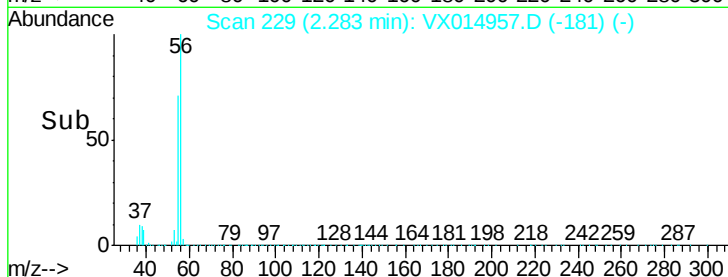
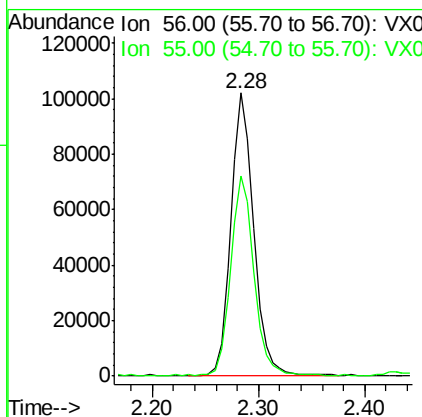
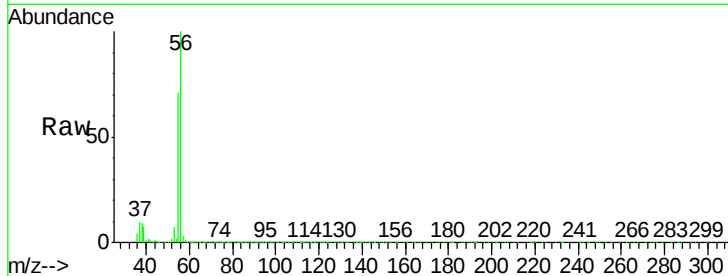
#13
Acrolein
Concen: 224.886 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.0	55.0	82.4

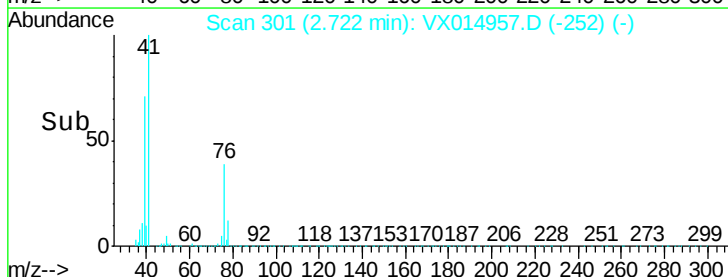
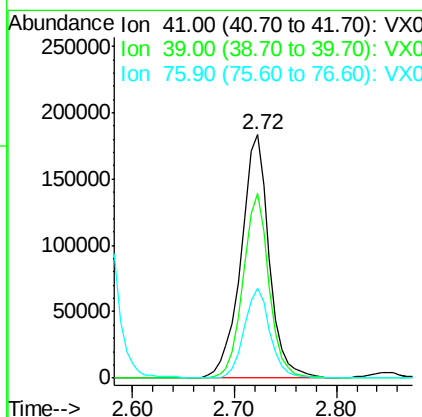
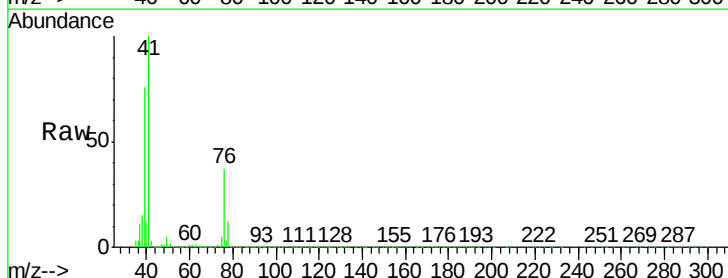
Manual Integrations
APPROVED

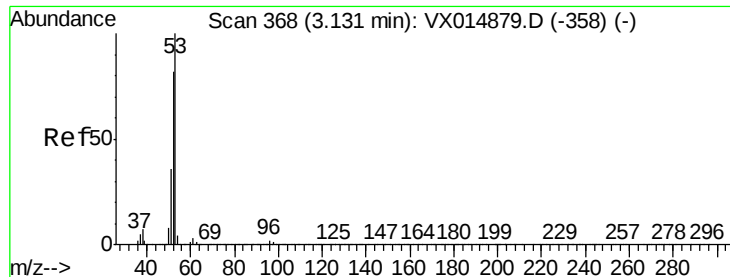
MMDadoda
2/20/2020 1:41:21 PM



#14
Allyl chloride
Concen: 48.035 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.9	55.2	82.8
76	33.8	26.8	40.2





#15

Acrylonitrile

Concen: 246.357 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

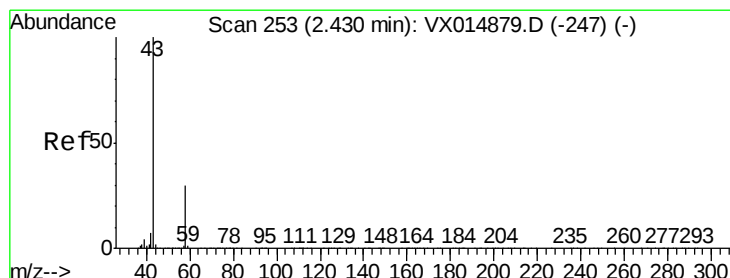
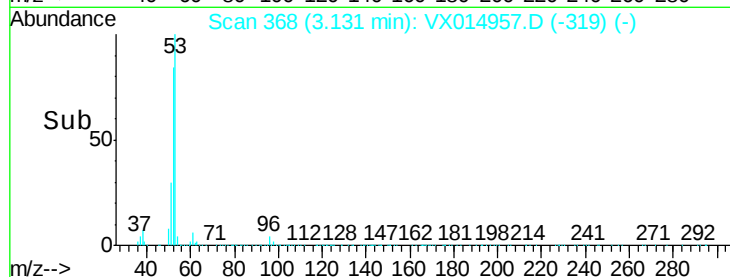
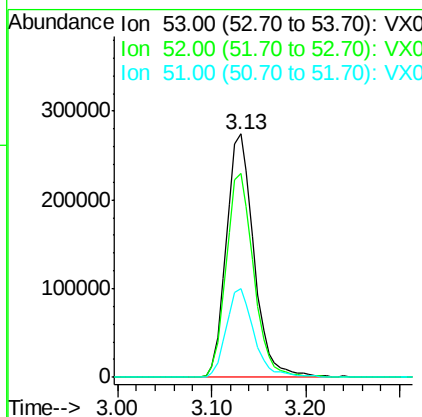
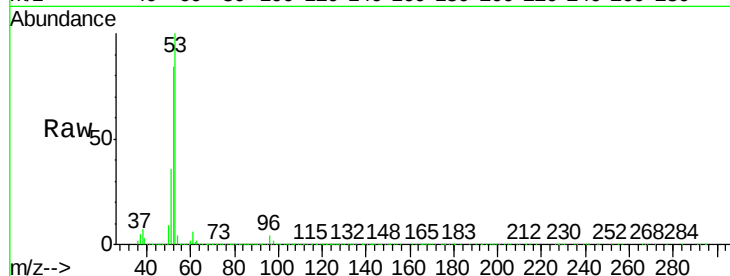
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	558722
Ion Ratio	Lower	Upper	
53	100		
52	83.5	65.8	98.6
51	36.8	29.1	43.7

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#16

Acetone

Concen: 259.936 ug/l

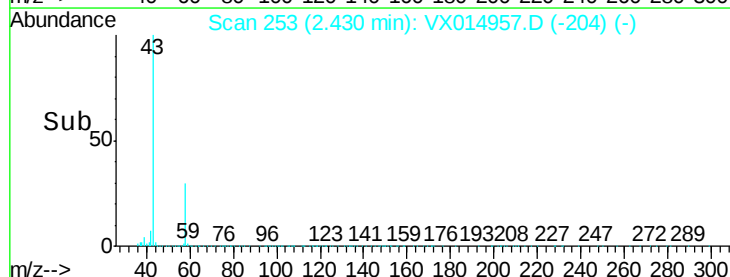
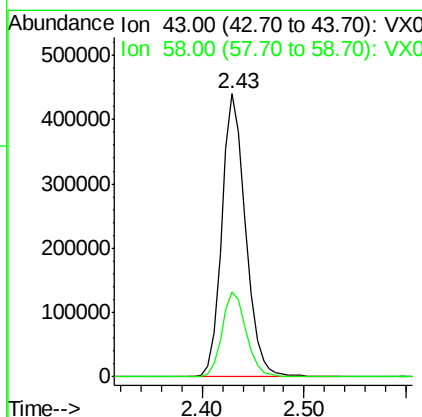
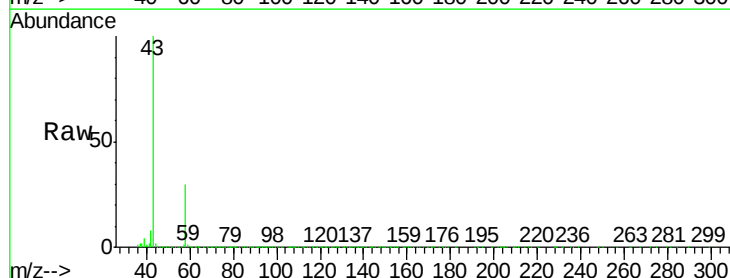
RT: 2.43 min Scan# 253

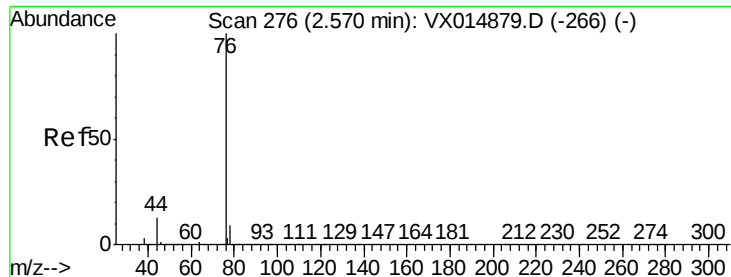
Delta R.T. 0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion:	43	Resp:	706304
Ion Ratio	Lower	Upper	
43	100		
58	29.9	24.1	36.1





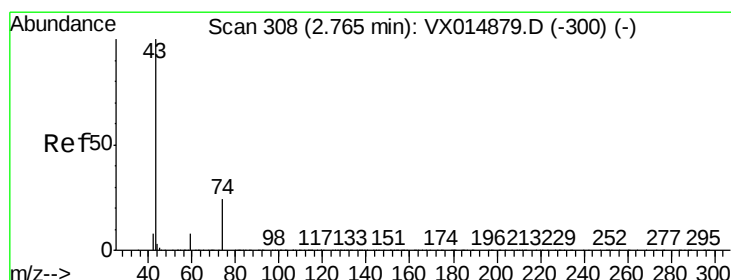
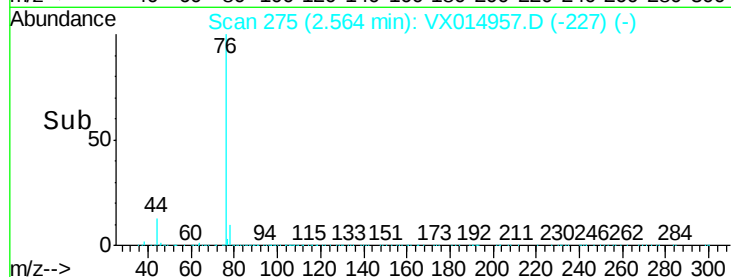
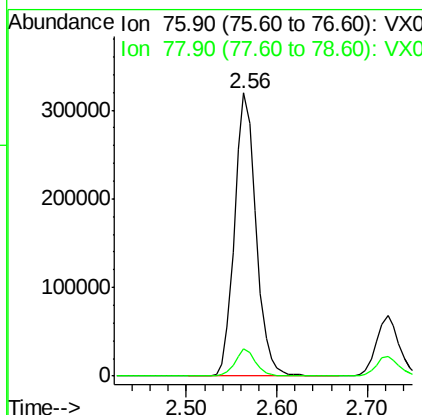
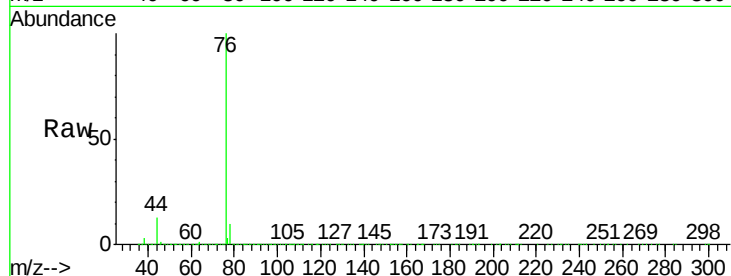
#17
Carbon Disulfide
Concen: 45.742 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

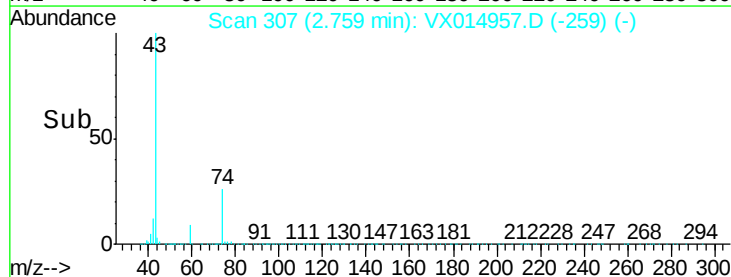
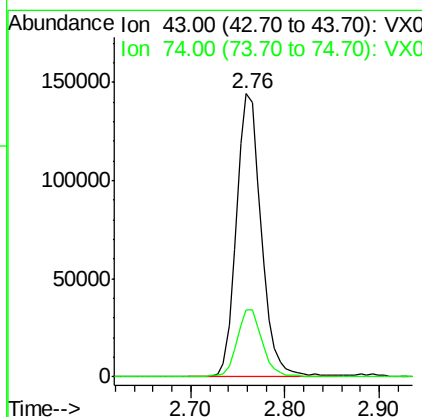
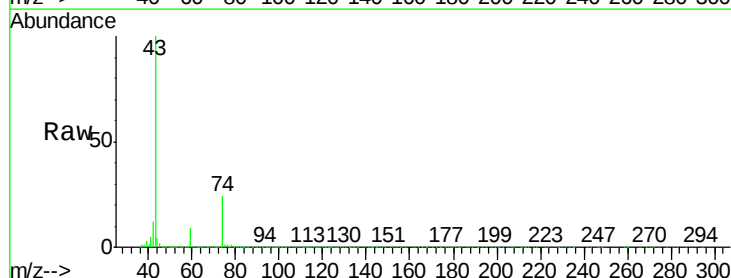
Manual Integrations
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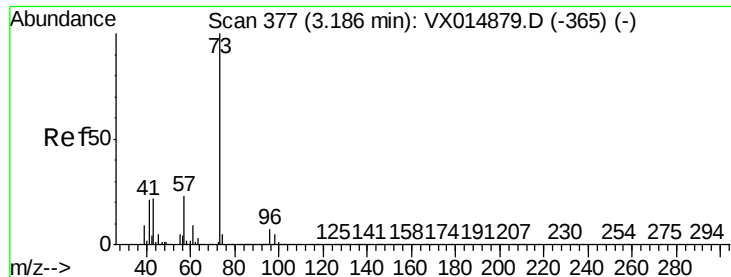
MMDadoda
2/20/2020 1:41:21 PM



#18
Methyl Acetate
Concen: 51.657 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.4	29.0





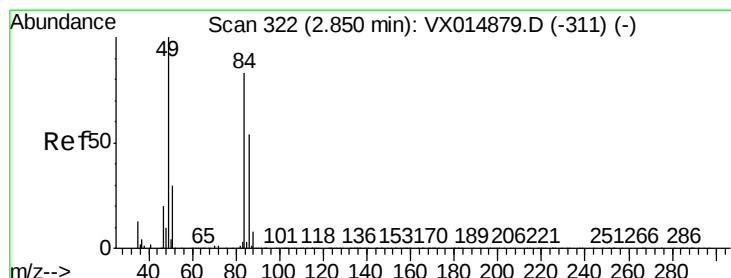
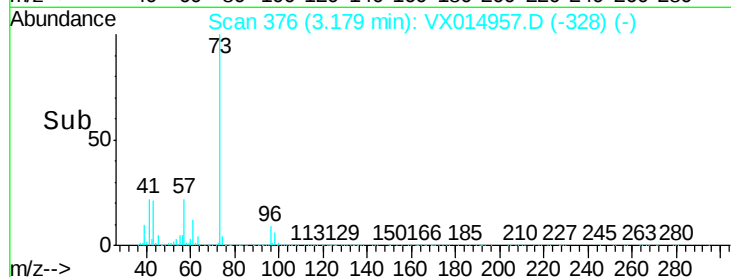
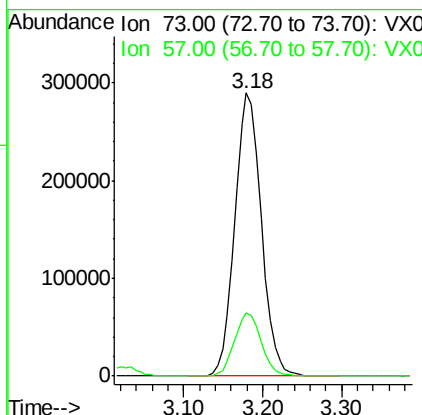
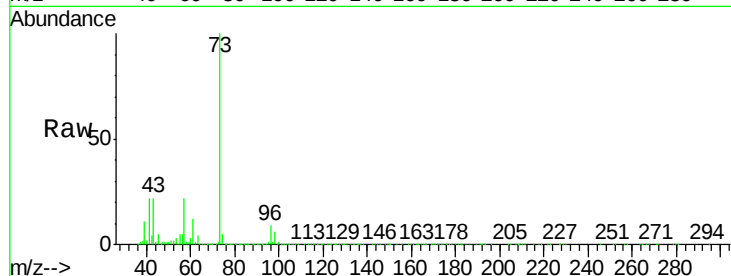
#19
Methvl tert-butvl Ether
Concen: 50.466 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.2	27.4

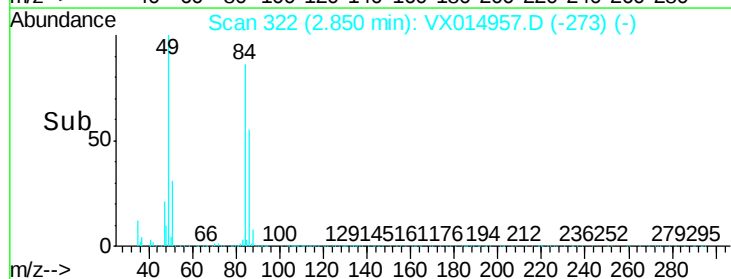
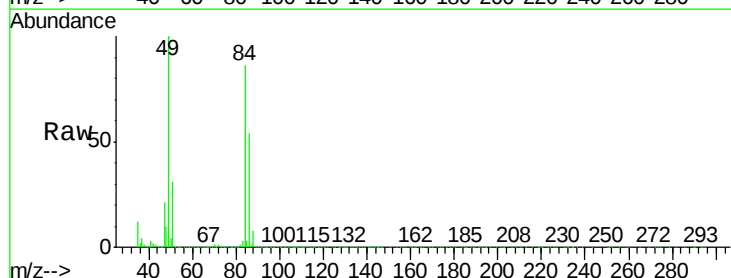
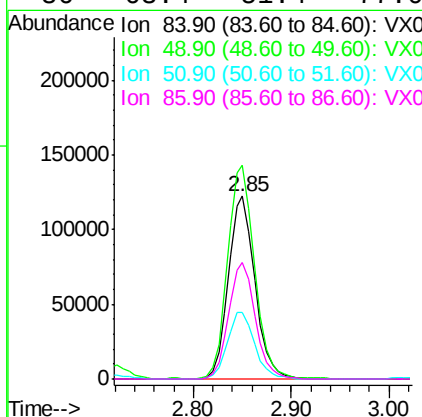
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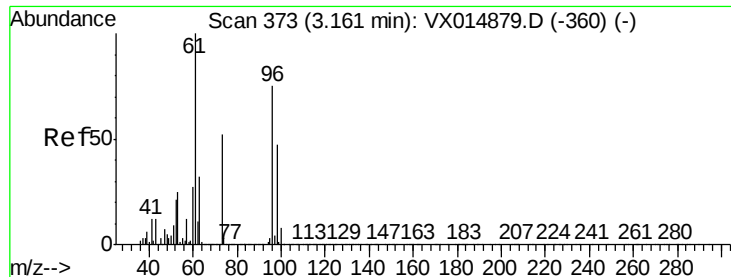
MMDadoda
2/20/2020 1:41:21 PM



#20
Methylene Chloride
Concen: 47.104 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.6	95.6	143.4
51	36.5	29.0	43.6
86	63.4	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 47.599 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

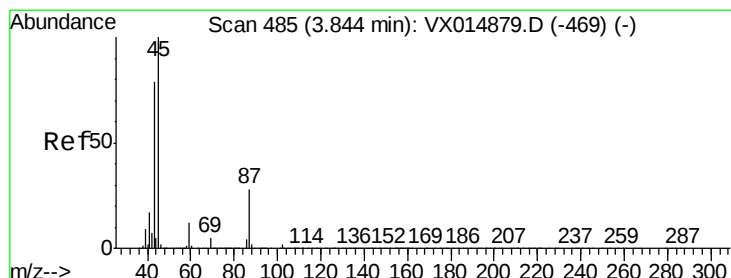
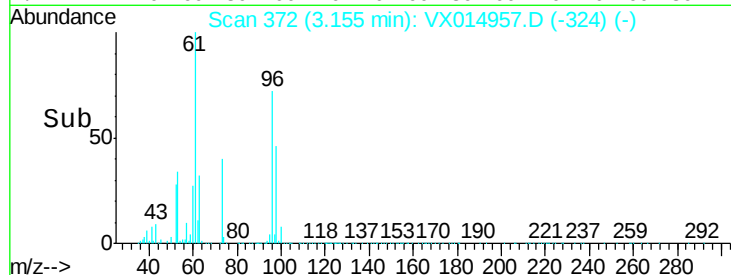
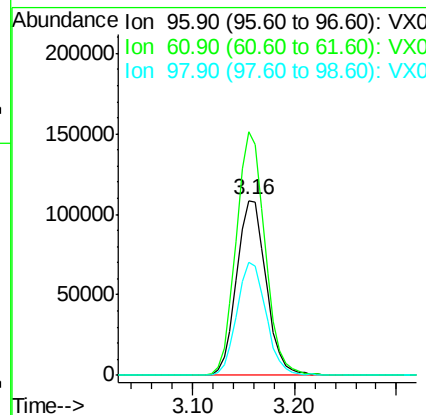
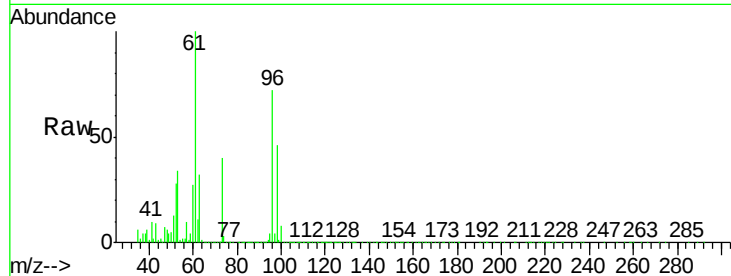
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	216136
Ion Ratio	Lower	Upper	
96	100		
61	139.6	106.9	160.3
98	64.4	50.7	76.1

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#22

Diisopropyl ether

Concen: 51.600 ug/l

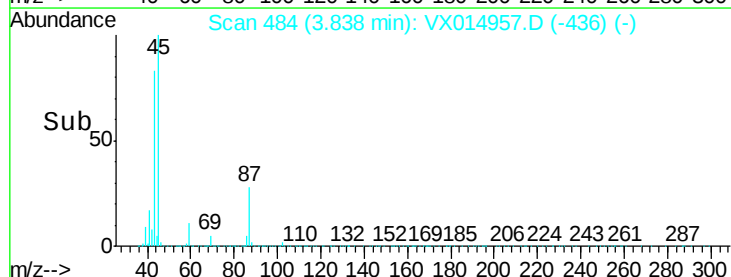
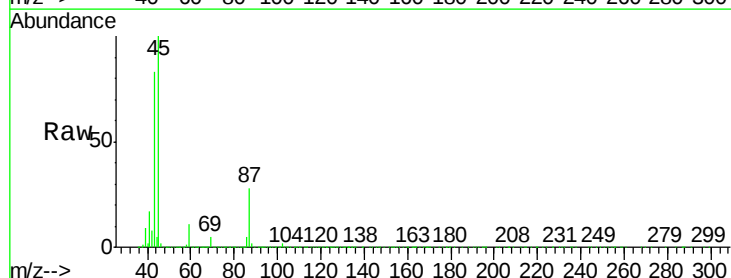
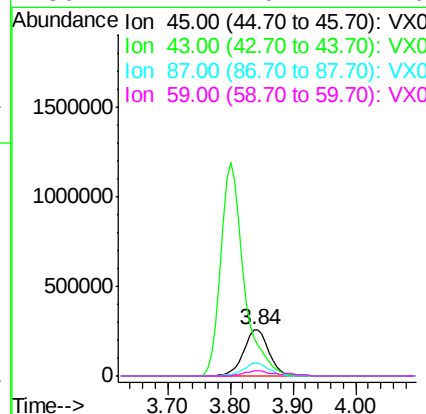
RT: 3.84 min Scan# 484

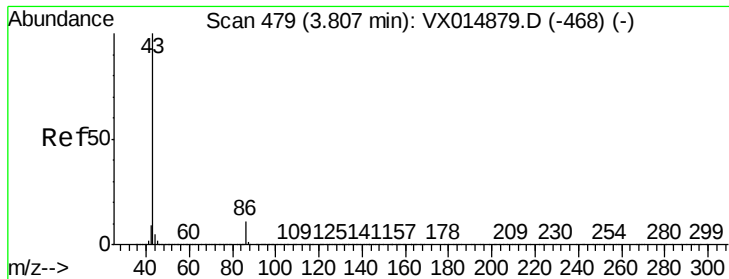
Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion:	45	Resp:	719038
Ion Ratio	Lower	Upper	
45	100		
43	83.3	63.5	95.3
87	27.8	22.2	33.4
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 263.964 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3032187

Ion Ratio Lower Upper

43 100

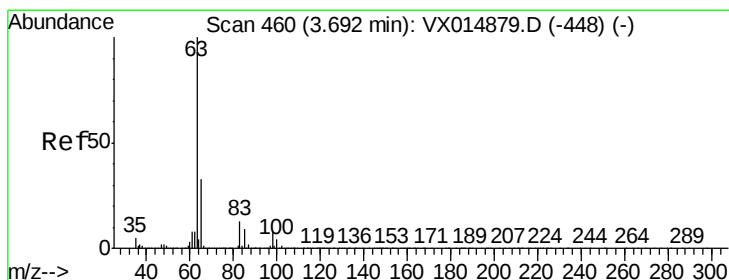
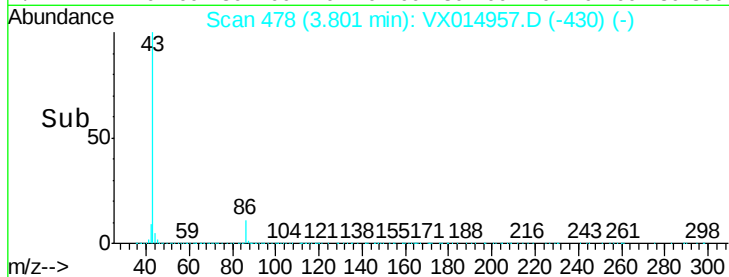
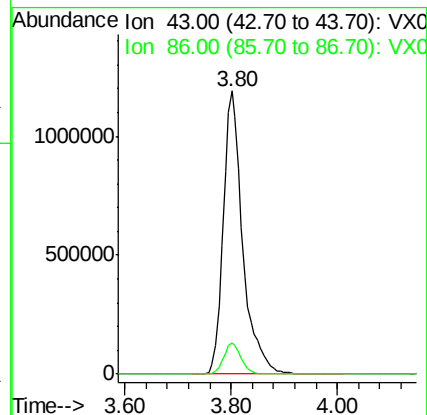
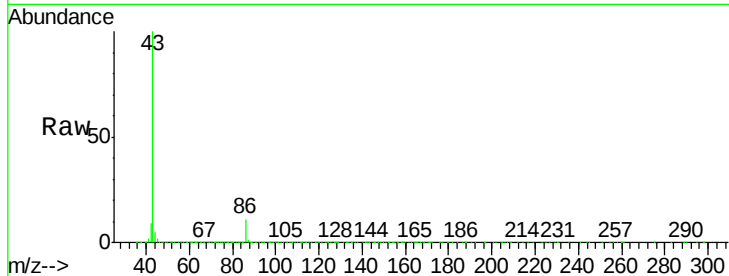
86 11.0 8.9 13.3

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2/20/2020 1:41:21 PM



#24

1,1-Dichloroethane

Concen: 49.737 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

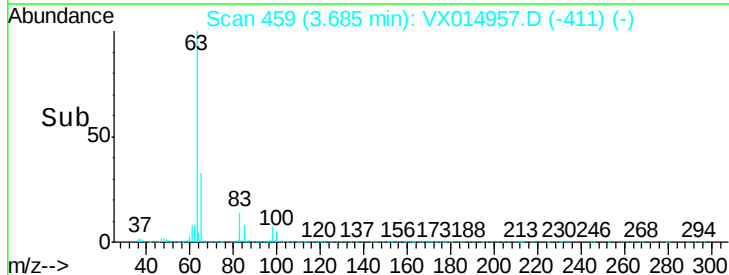
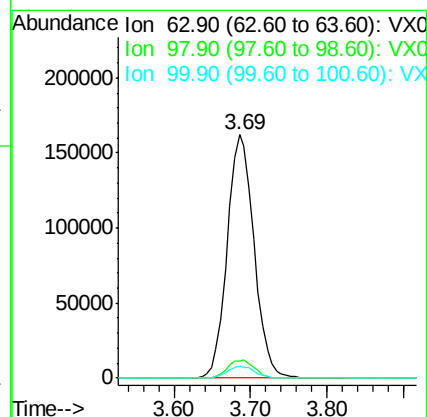
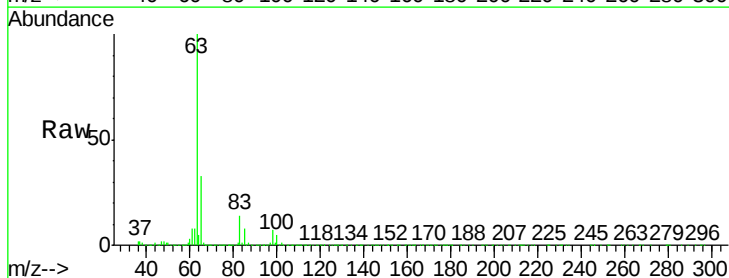
Tgt Ion: 63 Resp: 391154

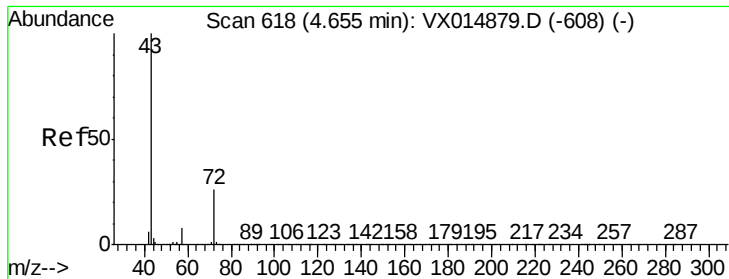
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 255.771 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tot Ion: 43 Resp: 882280

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

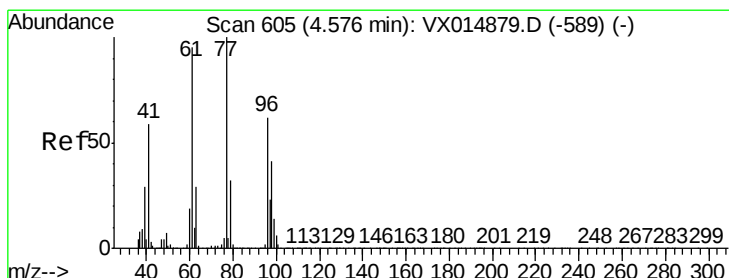
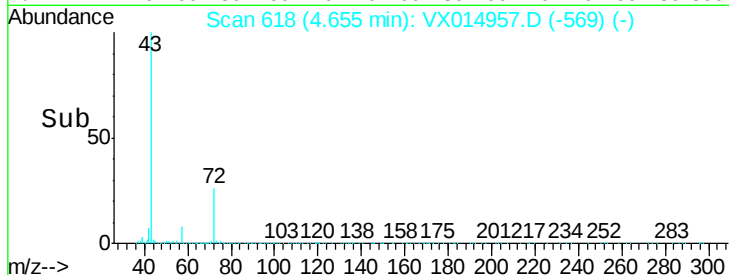
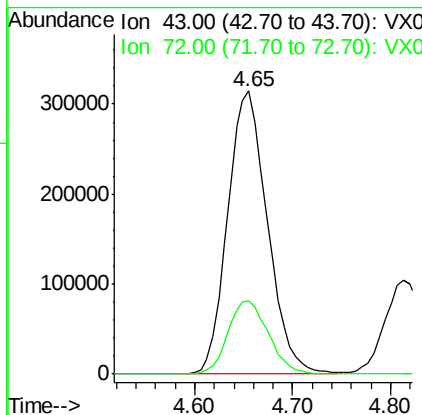
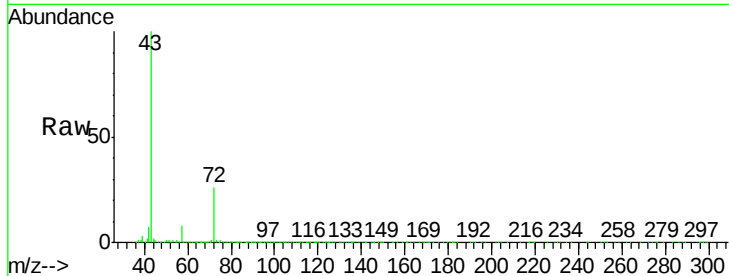
VSTDCCC050

Manual Integrations

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2/20/2020 1:41:21 PM



#26

2,2-Dichloropropane

Concen: 48.644 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014957.D

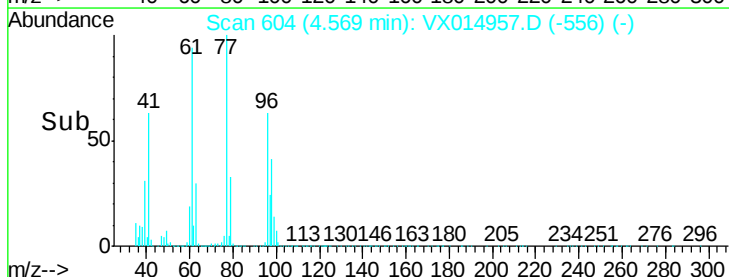
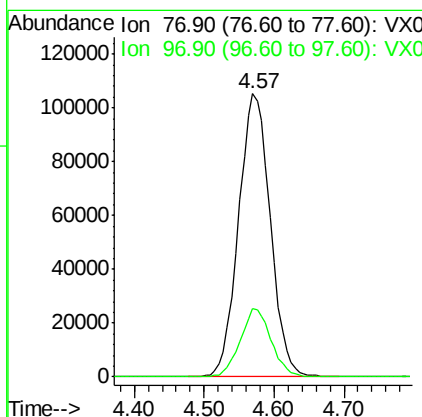
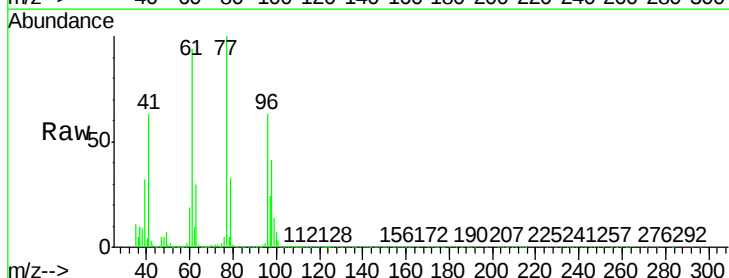
Acq: 19 Feb 2020 10:17

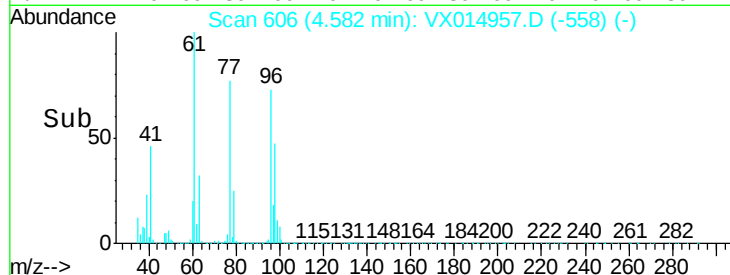
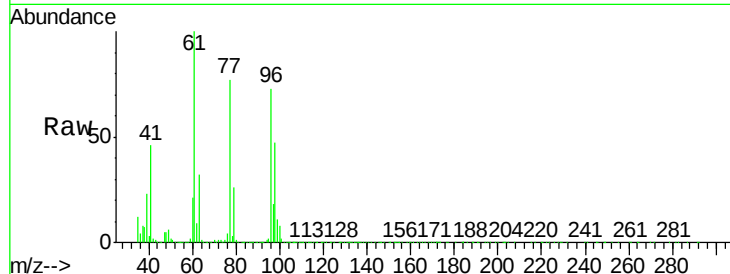
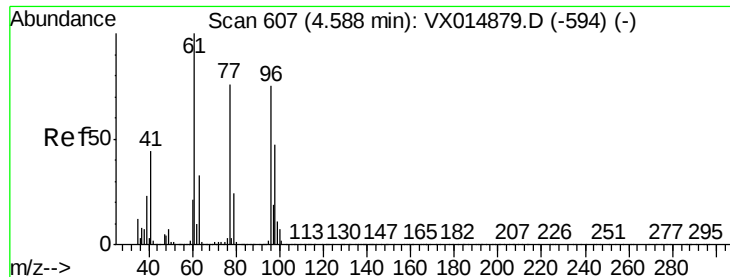
Tgt Ion: 77 Resp: 329685

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 49.683 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014957.D

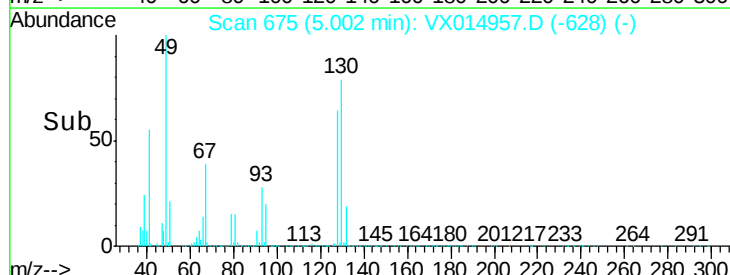
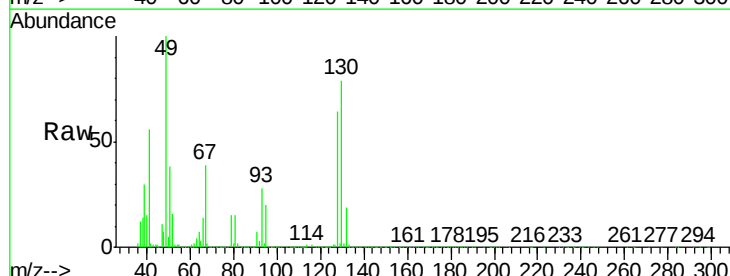
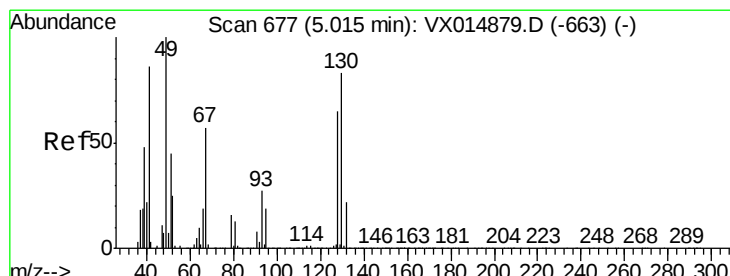
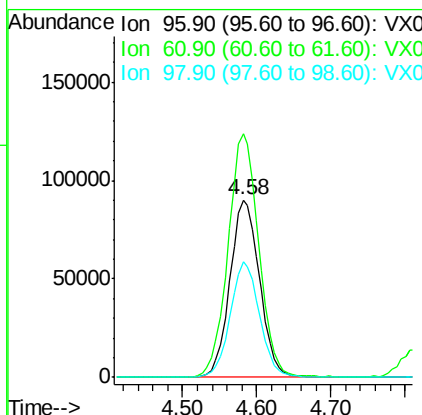
Acq: 19 Feb 2020 10:17

Tot Ion	Ratio	Resp	Lower	Upper
96	100	252180		
61	141.6	0.0	286.2	
98	64.3	0.0	131.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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#28

Bromochloromethane

Concen: 51.166 ug/l

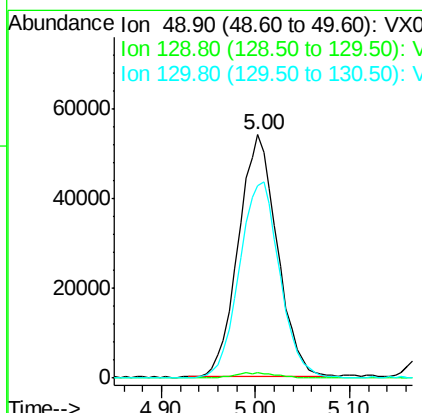
RT: 5.00 min Scan# 675

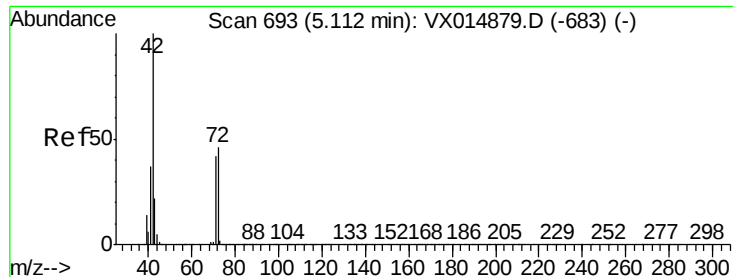
Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	155973		
129	2.5	0.0	5.2	
130	84.3	67.4	101.2	





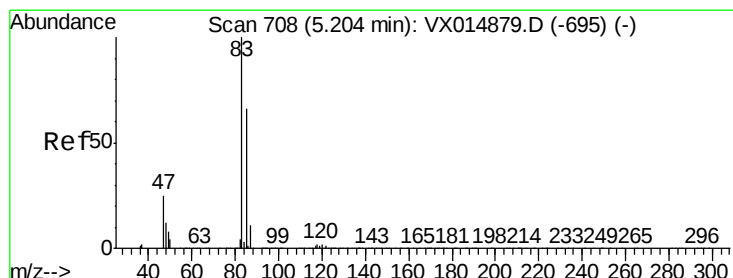
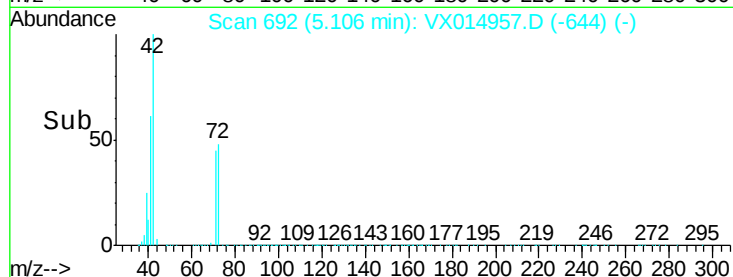
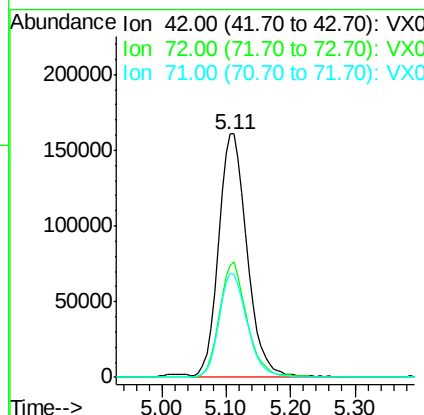
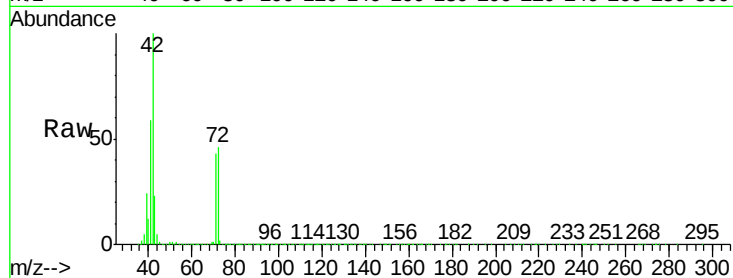
#29
Tetrahydrofuran
Concen: 253.764 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.9	55.3
71	42.2	34.1	51.1

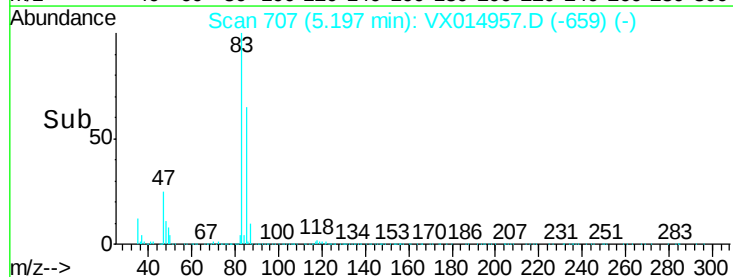
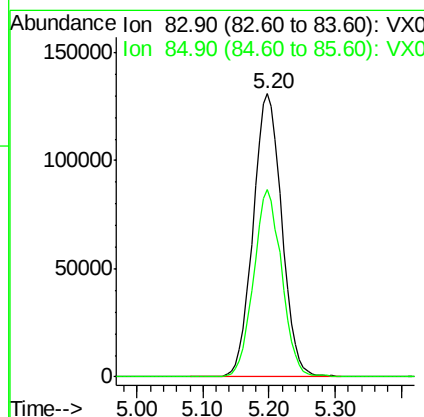
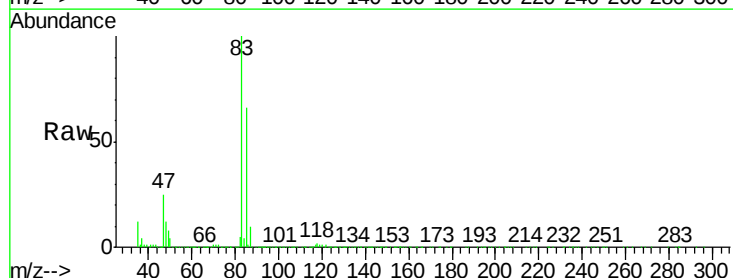
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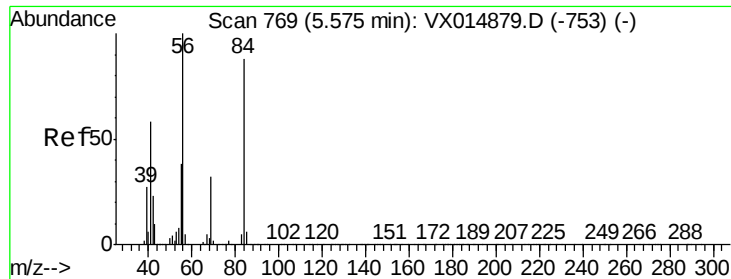
MMDadoda
2/20/2020 1:41:21 PM



#30
Chloroform
Concen: 50.504 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.9	79.3





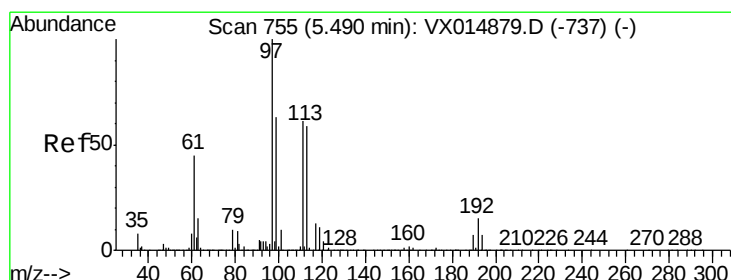
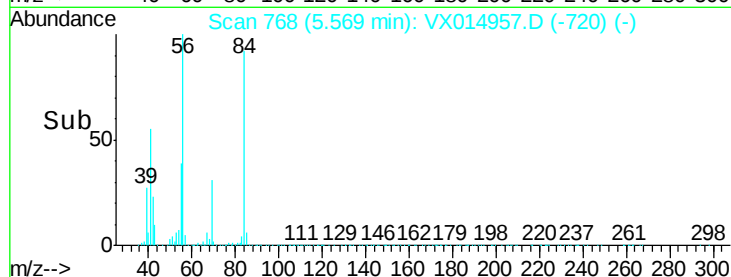
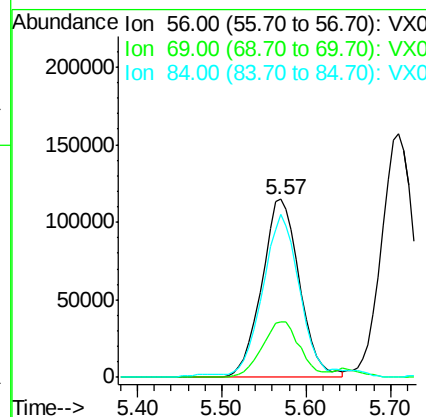
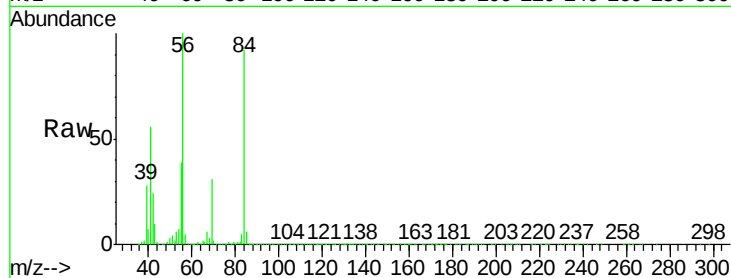
#31
Cyclohexane
Concen: 49.103 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.9	38.9
84	90.7	70.4	105.6

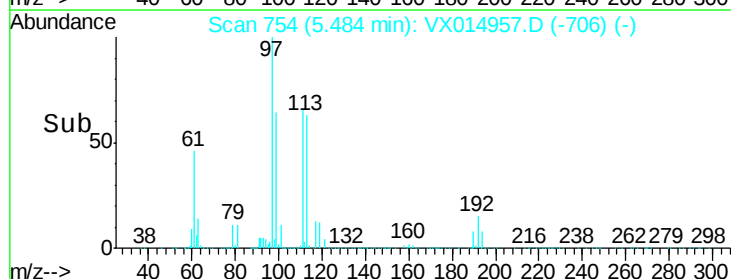
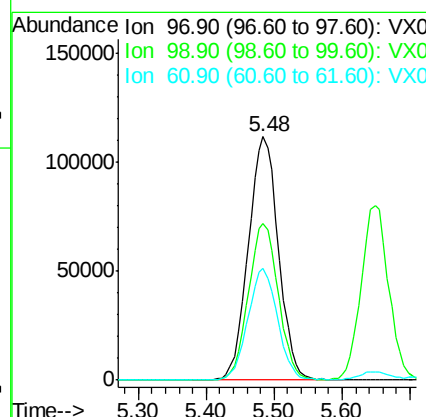
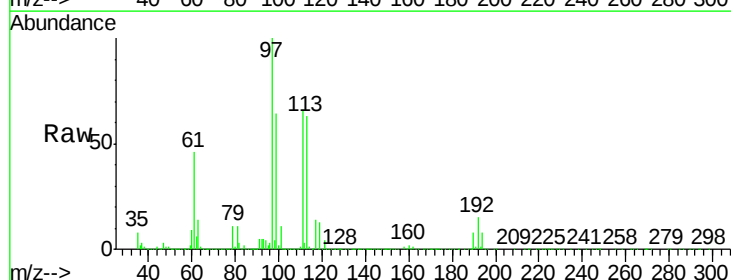
Manual Integrations
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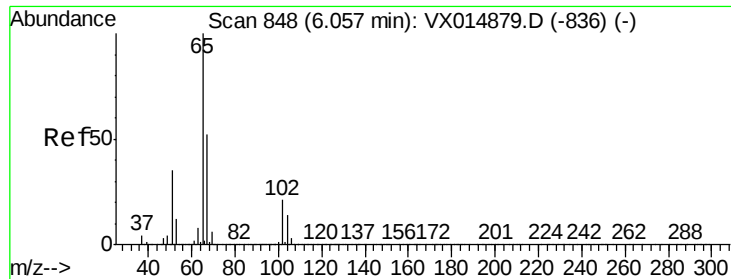
MMDadoda
2/20/2020 1:41:21 PM



#32
1,1,1-Trichloroethane
Concen: 50.404 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.6
61	45.2	36.3	54.5





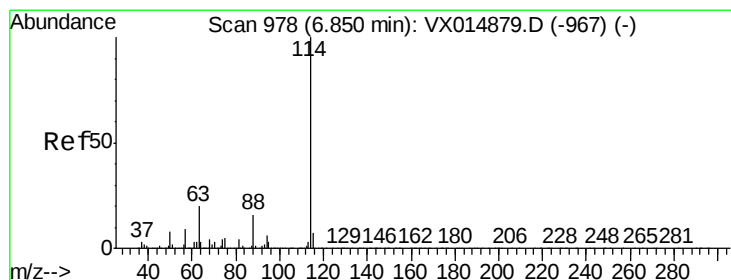
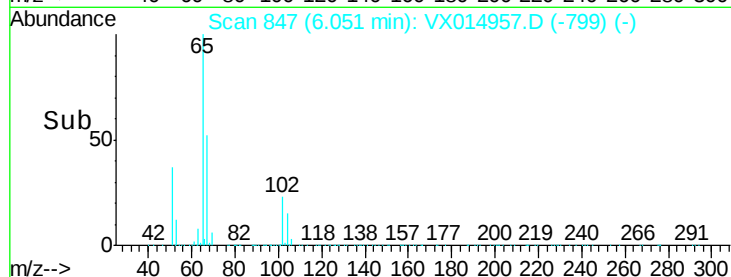
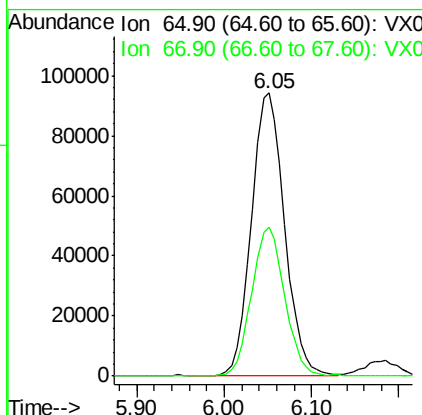
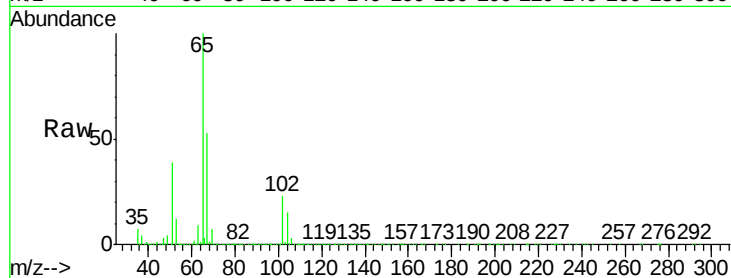
#33
 1,2-Dichloroethane-d4
 Concen: 48.753 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	247024		
67	52.4	0.0	103.0	

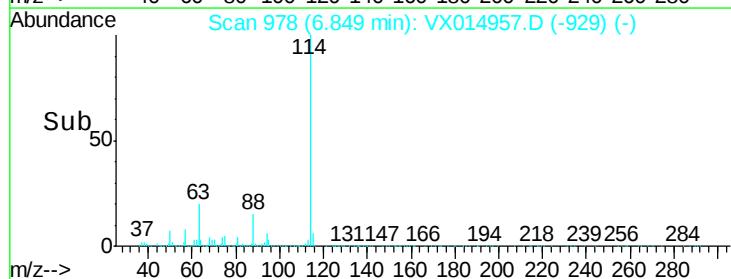
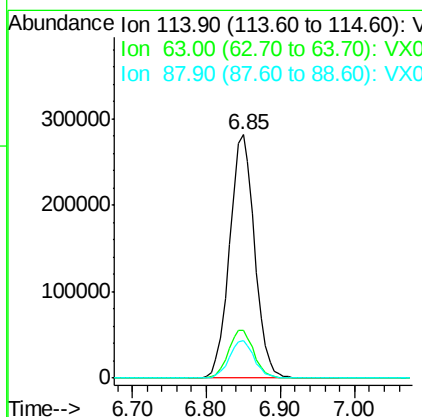
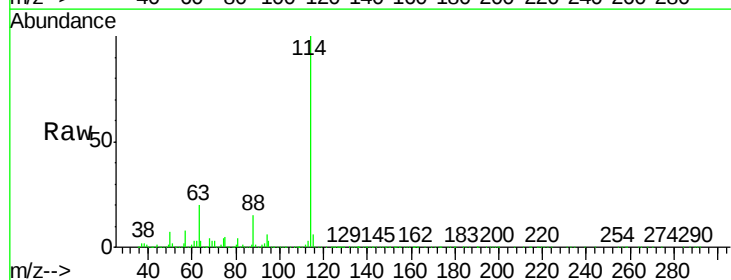
Manual Integrations
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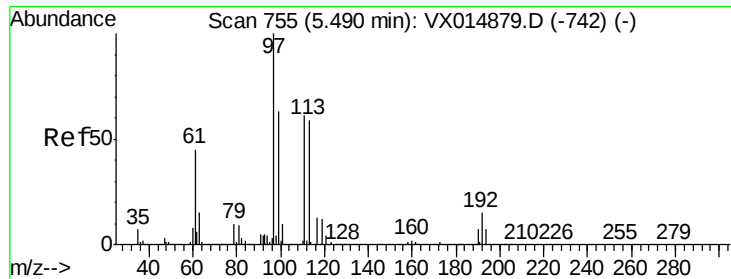
MMDadoda
 2/20/2020 1:41:21 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	661319		
63	19.5	0.0	39.2	
88	15.2	0.0	32.0	





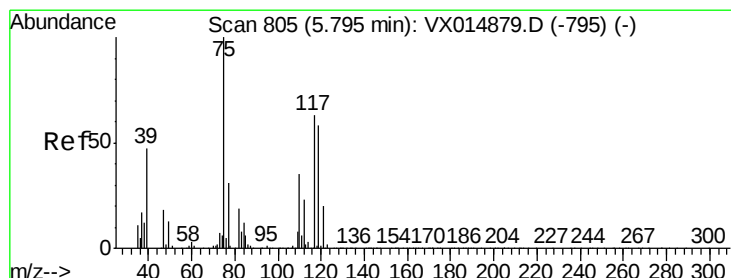
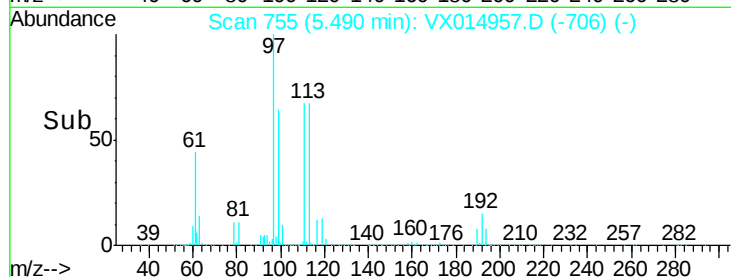
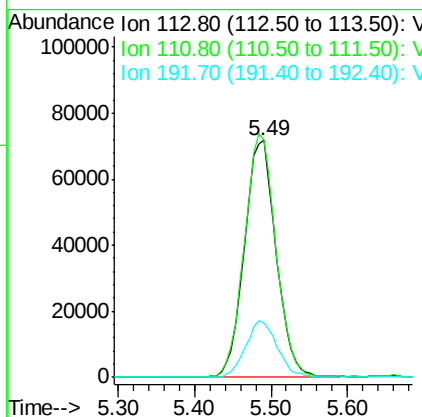
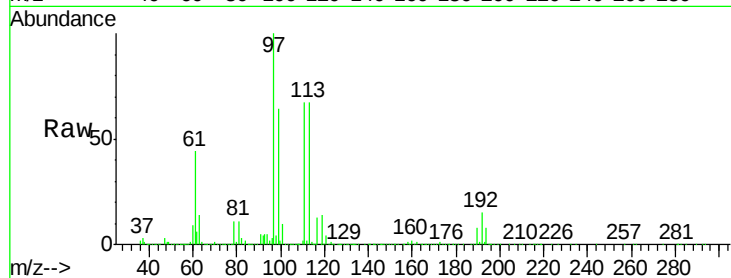
#35
 Dibromofluoromethane
 Concen: 51.124 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	207850		
111	101.7	82.4	123.6	
192	23.9	19.1	28.7	

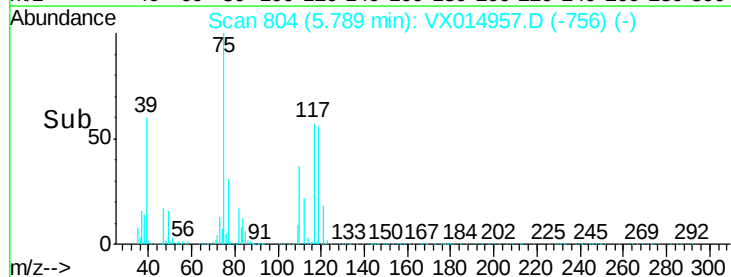
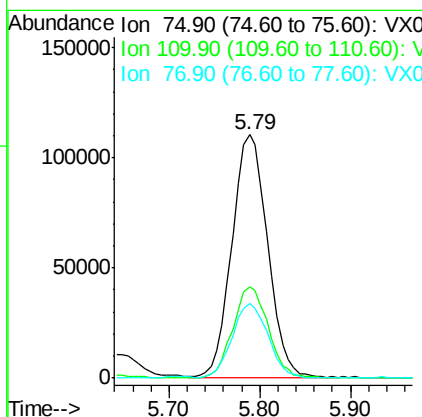
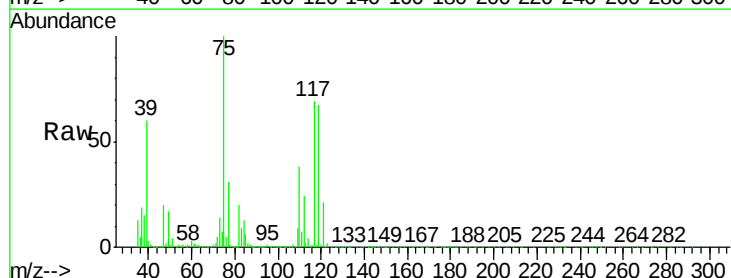
Manual Integrations
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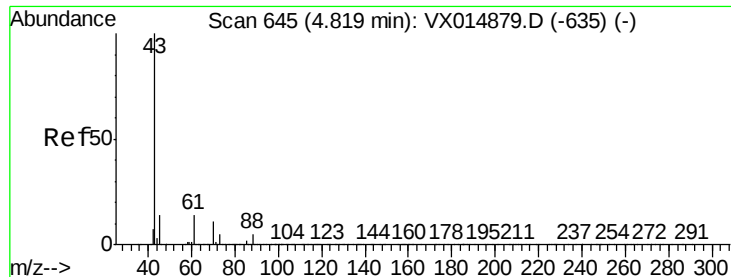
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#36
 1,1-Dichloropropene
 Concen: 50.795 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	300488		
110	37.8	18.3	54.8	
77	30.6	24.6	36.8	





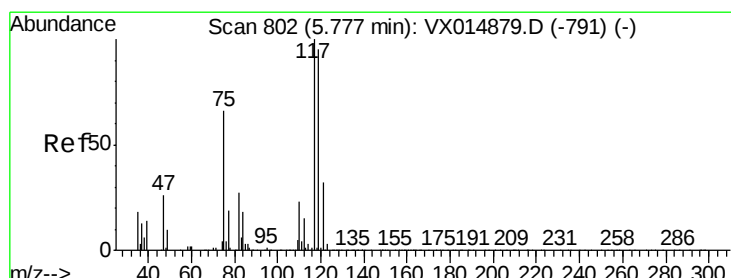
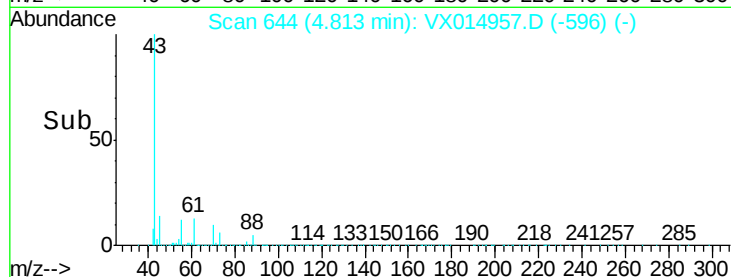
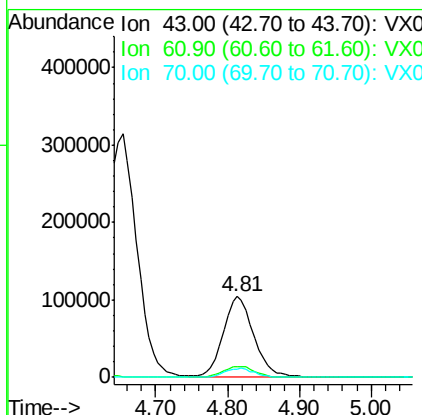
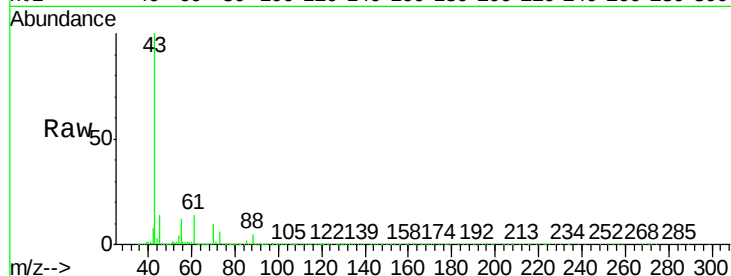
#37
Ethyl Acetate
Concen: 49.555 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	305751
Ion Ratio	Lower	Upper	
43	100		
61	13.9	10.9	16.3
70	10.6	8.7	13.1

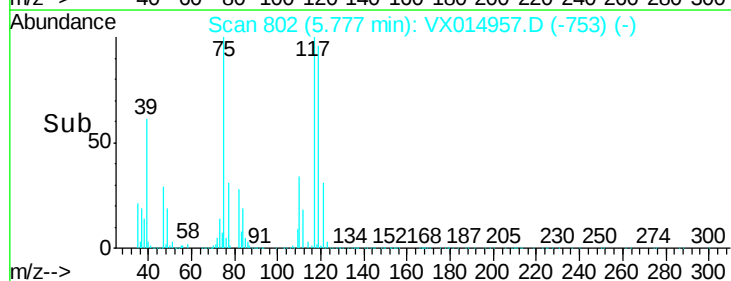
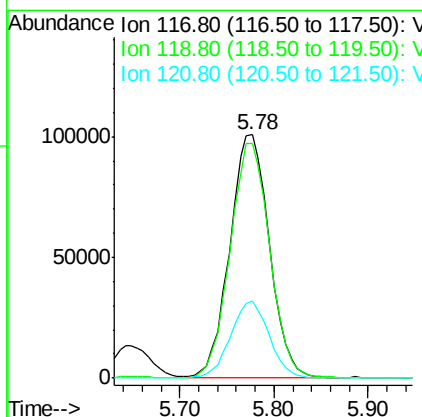
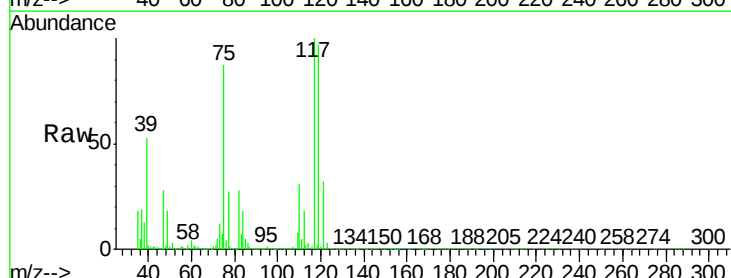
Manual Integrations
APPROVED

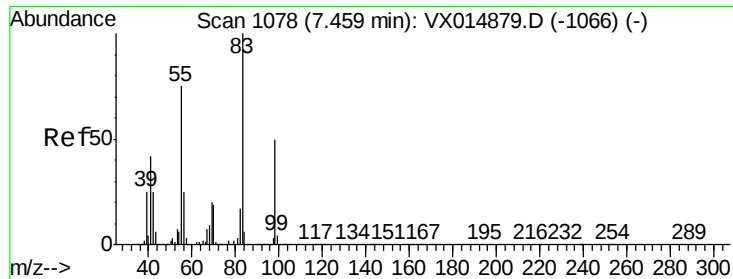
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.142 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	117	Resp	294833
Ion Ratio	Lower	Upper	
117	100		
119	96.5	76.0	114.0
121	31.9	25.4	38.2





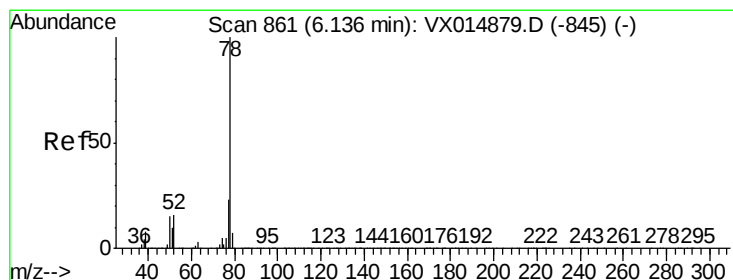
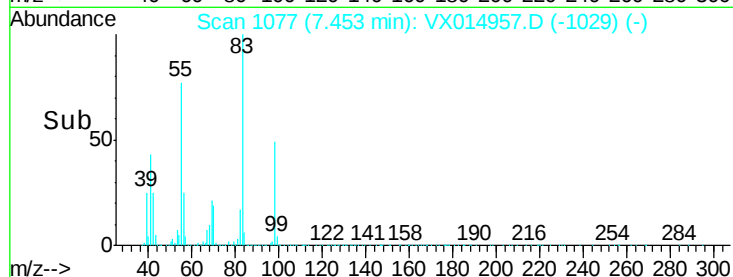
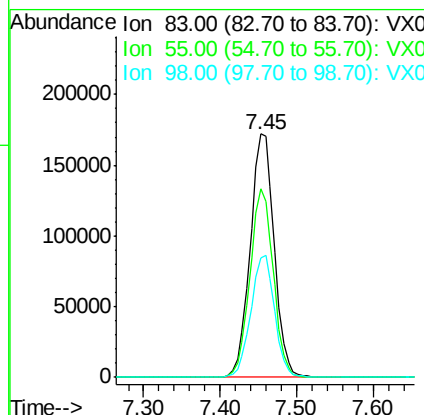
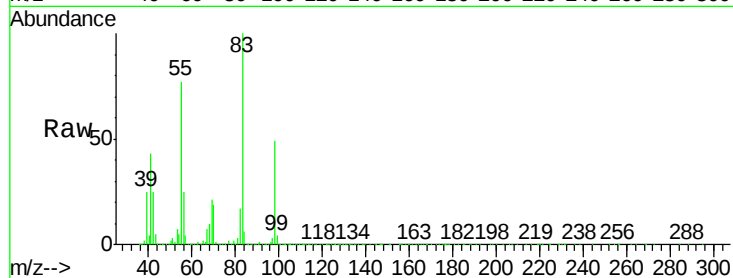
#39
Methvlcvclohexane
Concen: 50.796 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	60.0	90.0
98	49.1	39.6	59.4

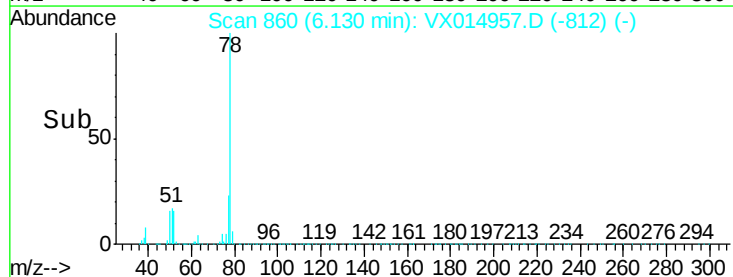
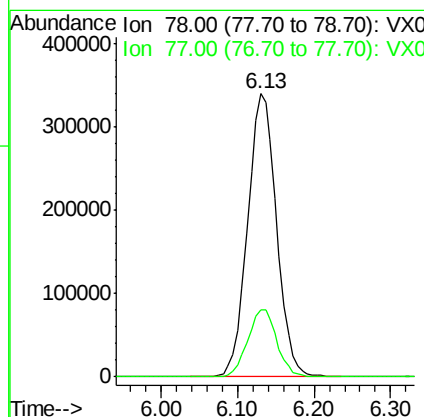
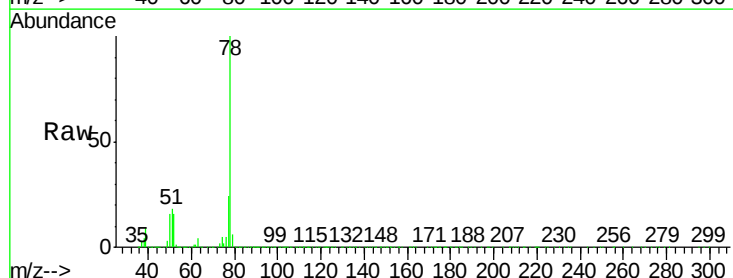
Manual Integrations
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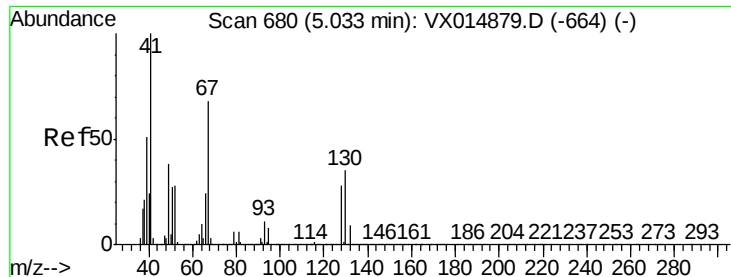
MMDadoda
2/20/2020 1:41:21 PM



#40
Benzene
Concen: 50.421 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





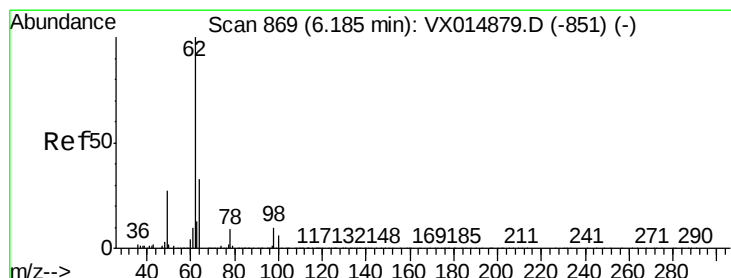
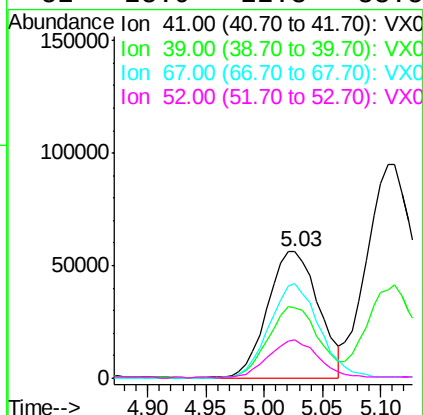
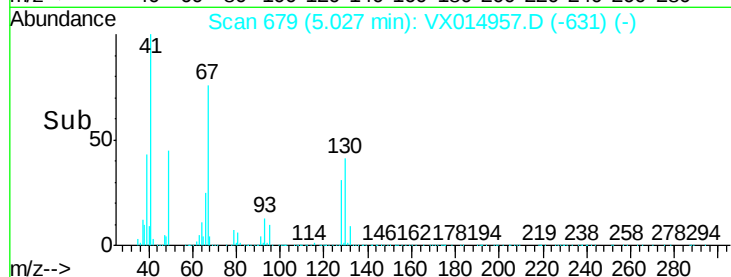
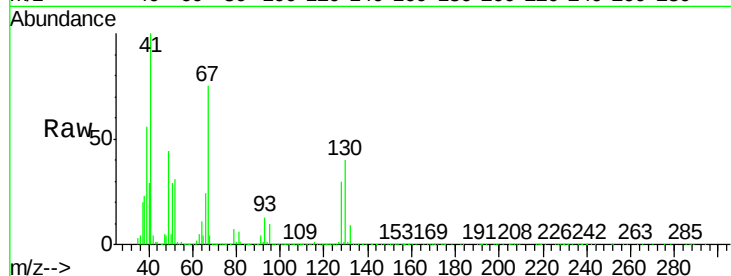
#41
Methacrylonitrile
Concen: 51.666 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.7	67.1
67	73.0	56.6	84.8
52	28.9	22.3	33.5

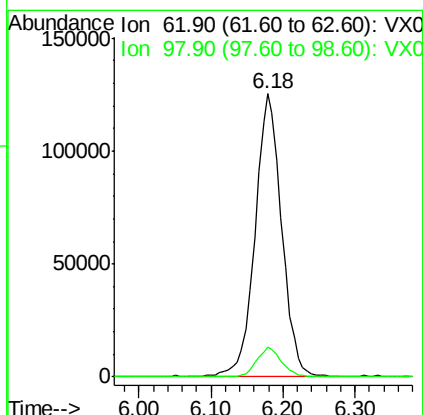
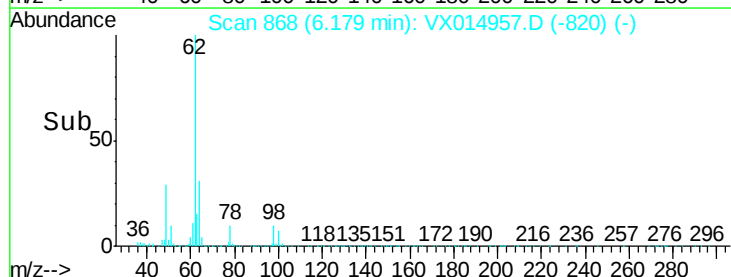
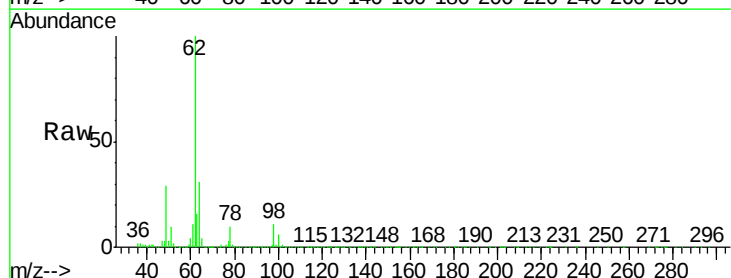
Manual Integrations
APPROVED

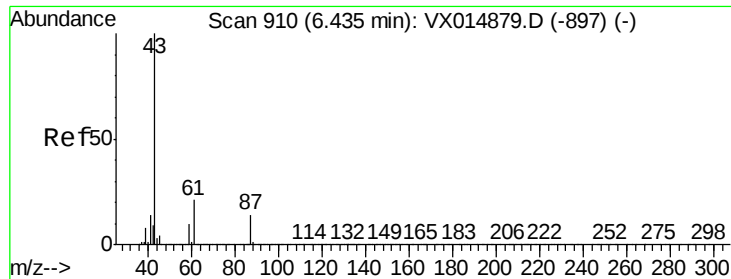
MMDadoda
2/20/2020 1:41:21 PM



#42
1,2-Dichloroethane
Concen: 50.317 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





#43

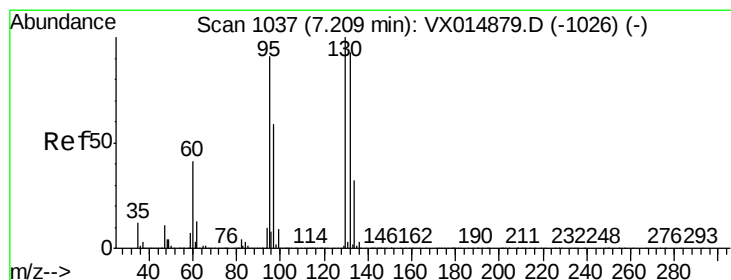
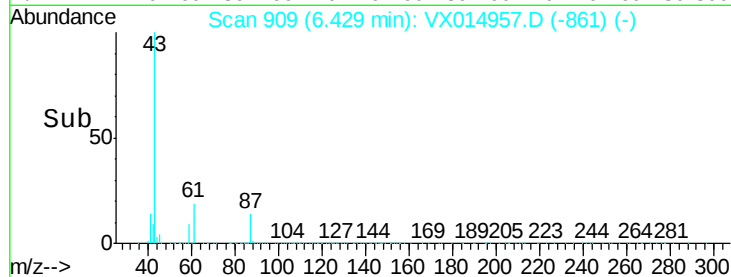
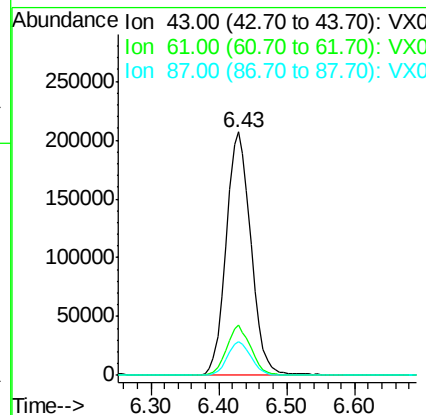
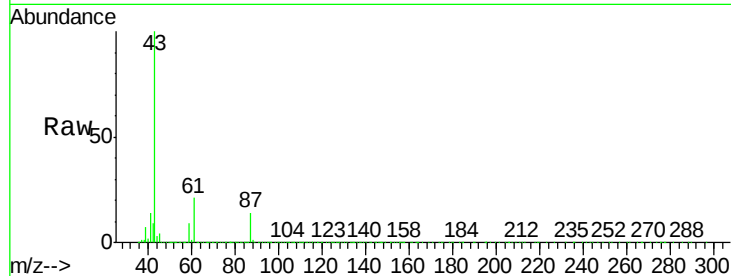
Isopropyl Acetate
 Concen: 50.907 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.2	24.4
87	13.4	11.0	16.6

Manual Integrations
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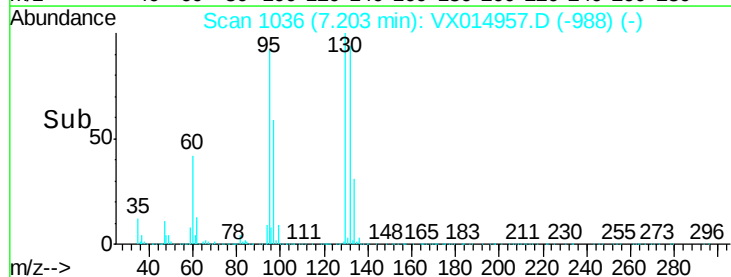
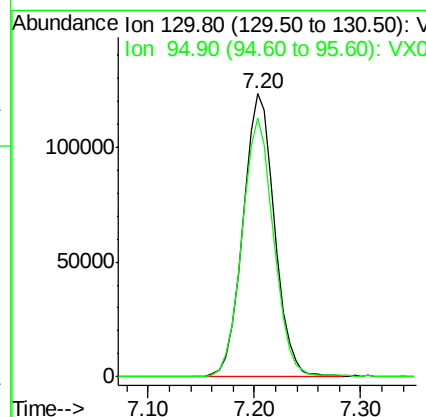
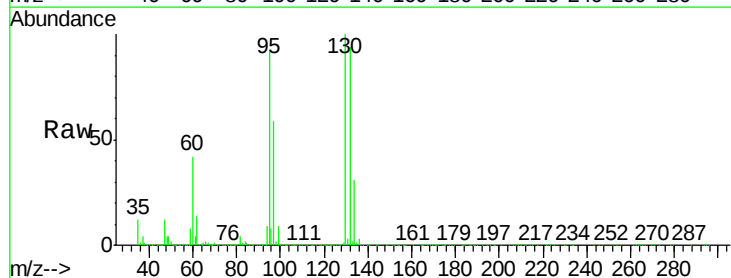
MMDadoda
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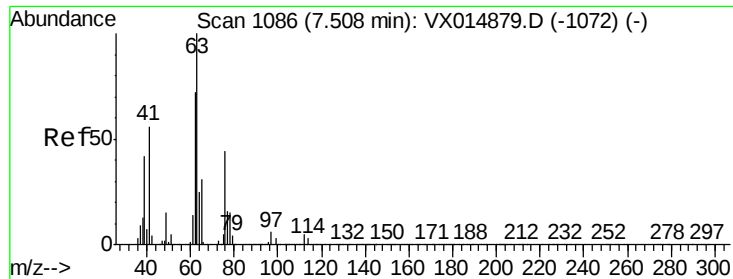


#44

Trichloroethene
 Concen: 49.872 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	182.6





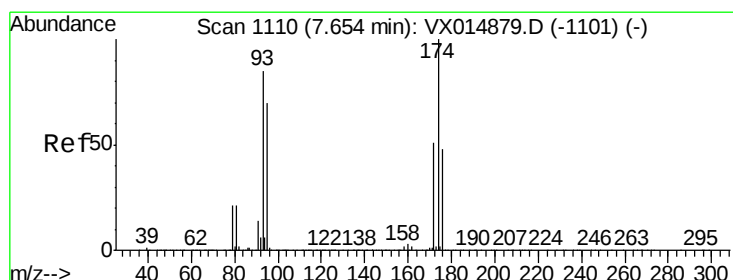
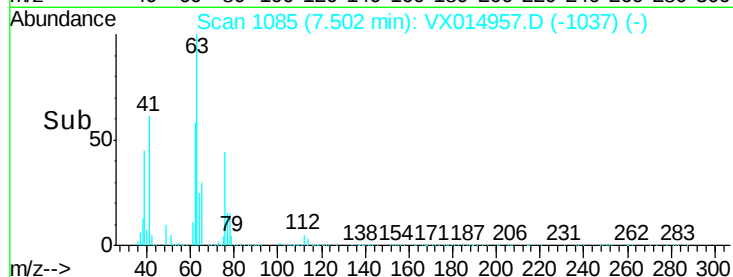
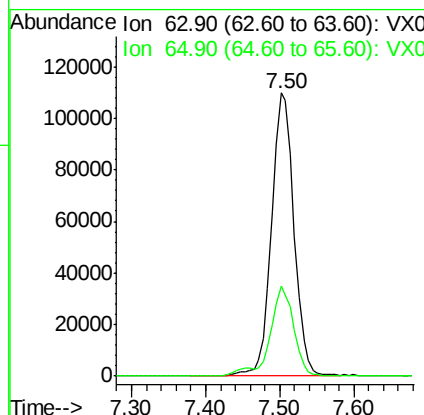
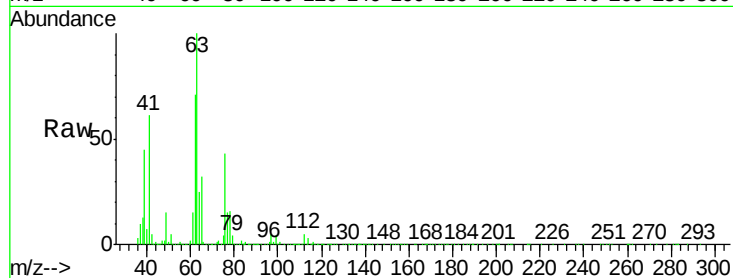
#45
 1,2-Dichloropropane
 Concen: 51.184 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.9	37.3

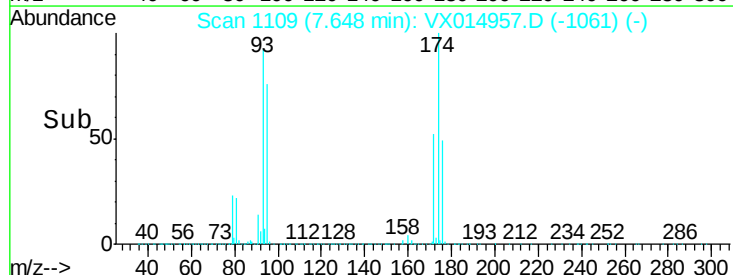
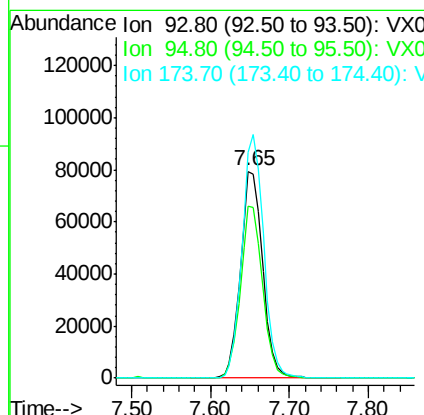
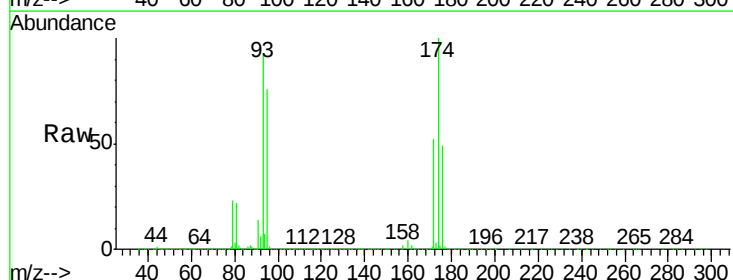
Manual Integrations
 APPROVED

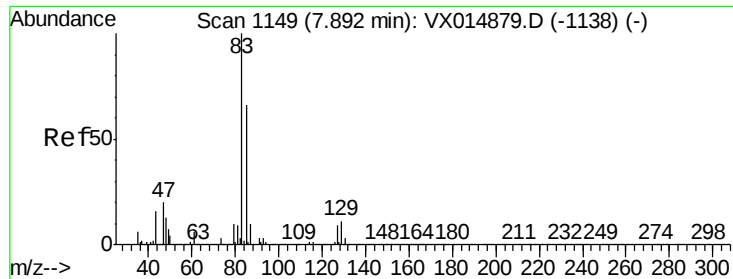
MMDadoda
 2/20/2020 1:41:21 PM



#46
 Dibromomethane
 Concen: 50.222 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.8	98.8
174	116.1	95.4	143.2





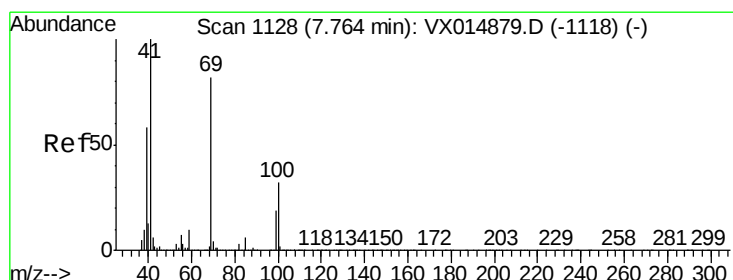
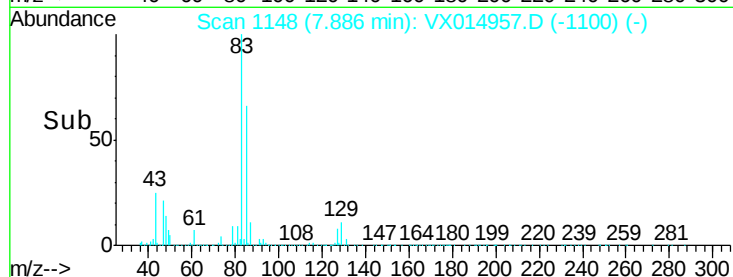
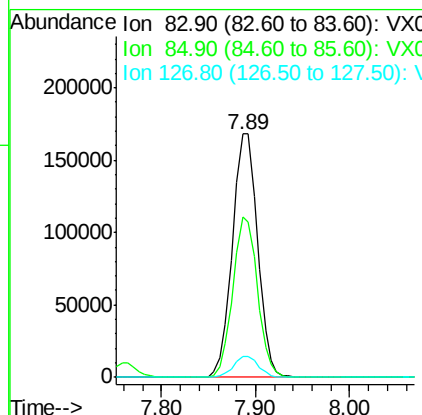
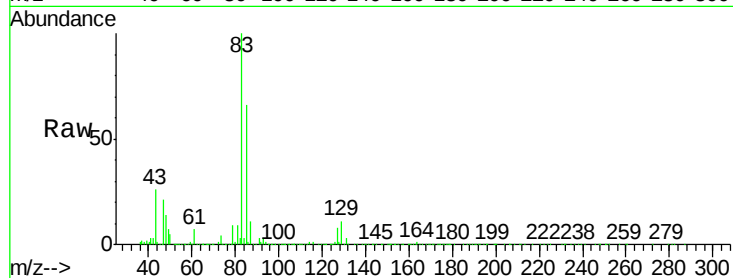
#47
Bromodichloromethane
Concen: 51.344 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.7	52.5	78.7	
127	8.4	7.4	11.0	

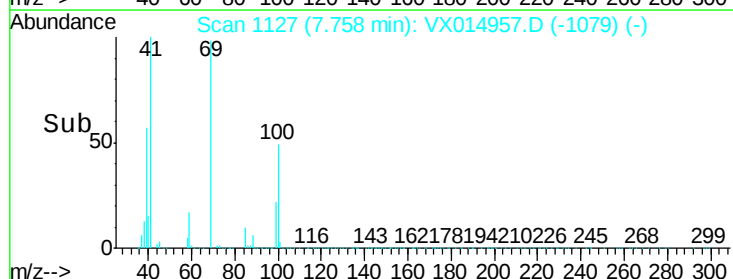
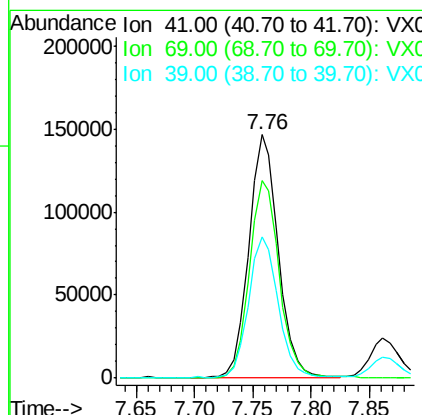
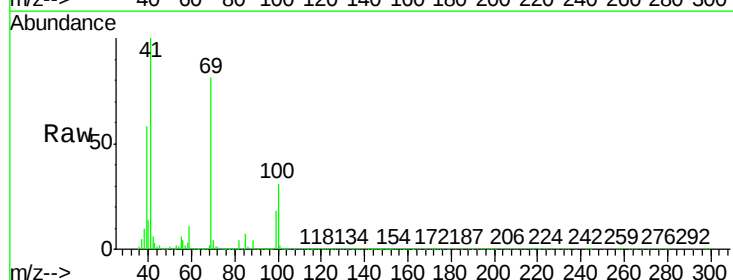
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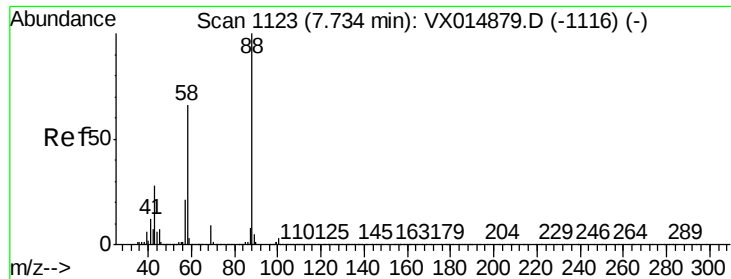
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#48
Methyl methacrylate
Concen: 51.956 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	82.2	65.7	98.5	
39	57.6	45.8	68.8	





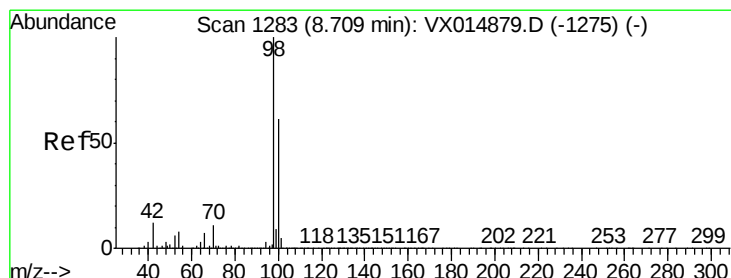
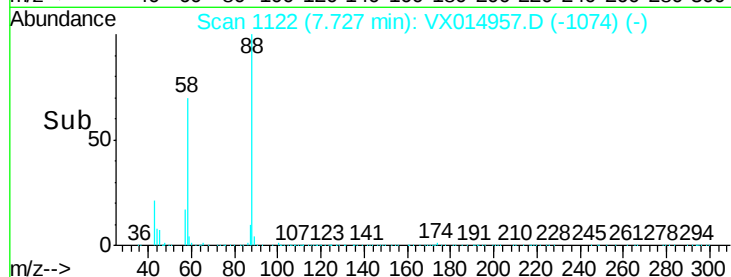
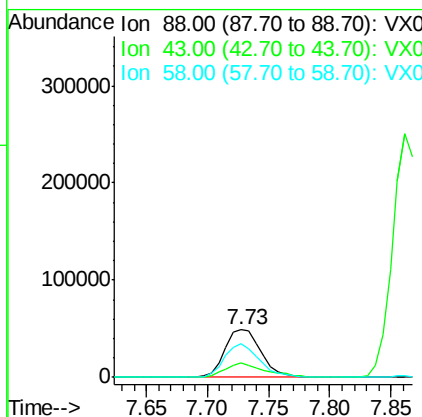
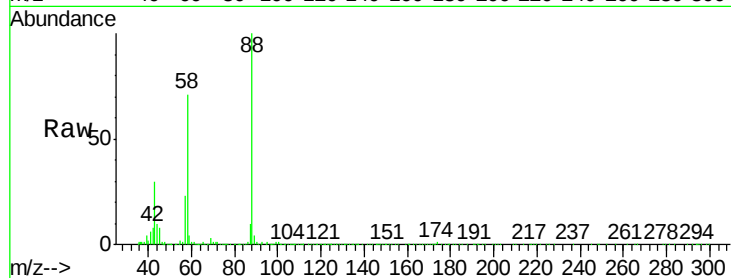
#49
1,4-Dioxane
Concen: 1060.532 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	27.0	40.4
58	68.1	53.2	79.8

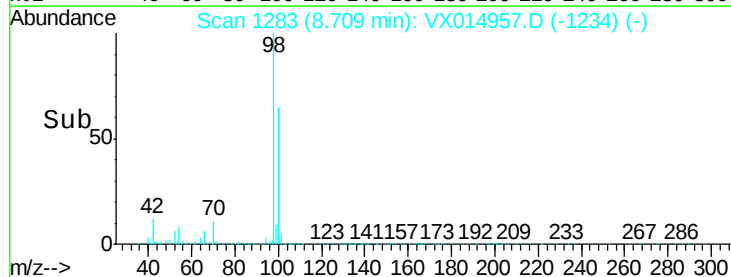
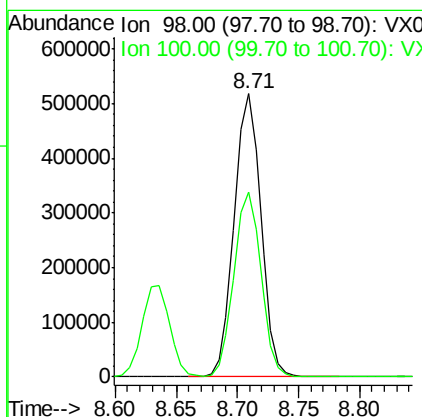
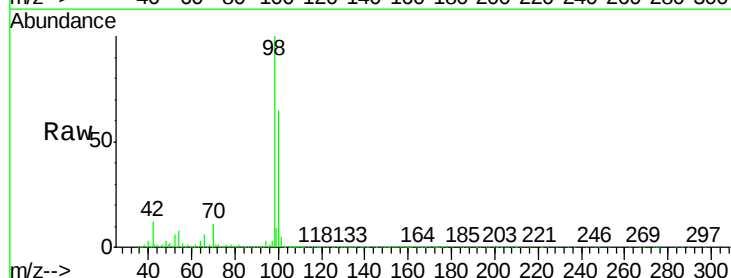
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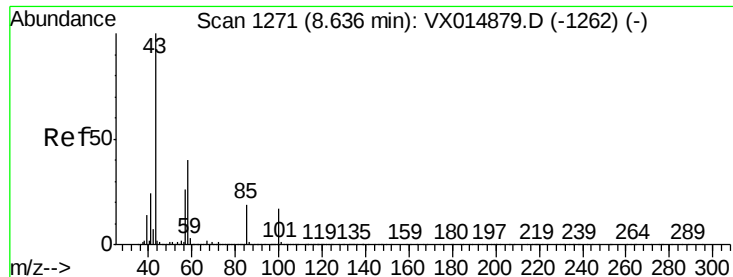
MMDadoda
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#50
Toluene-d8
Concen: 50.537 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





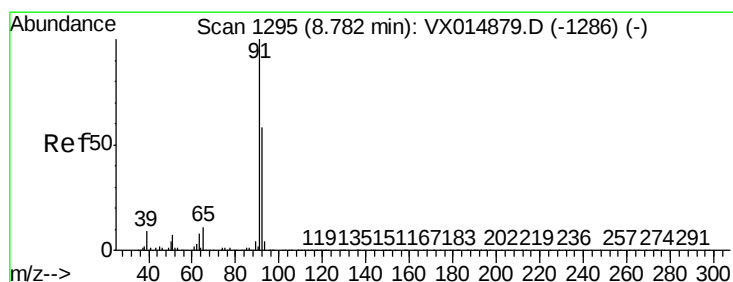
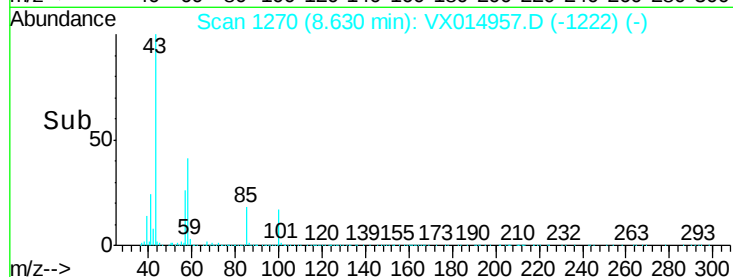
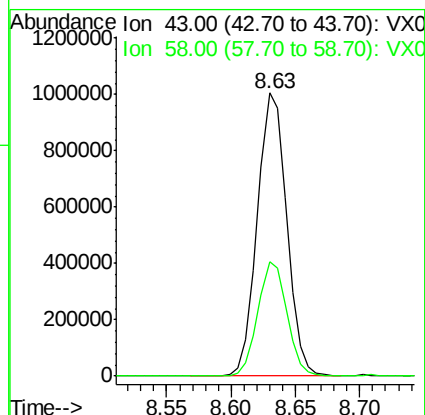
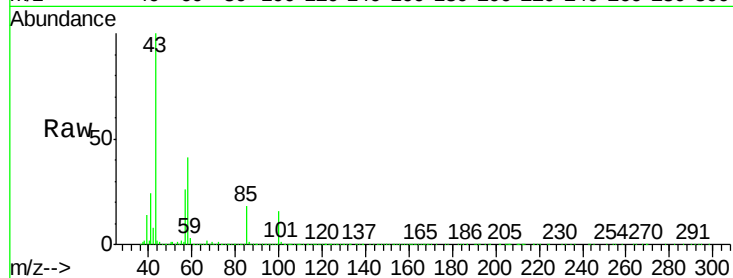
#51
 4-Methyl-2-Pentanone
 Concen: 257.750 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1584086
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.9 47.9

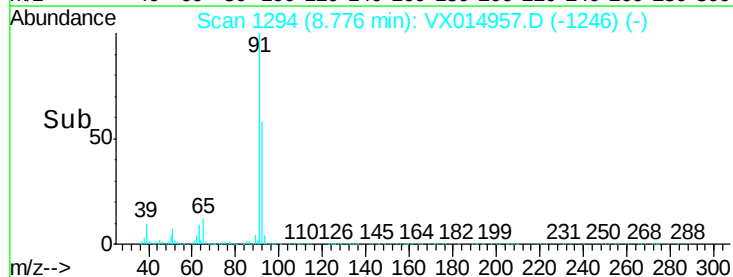
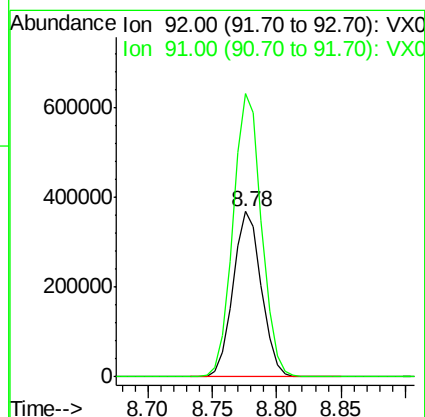
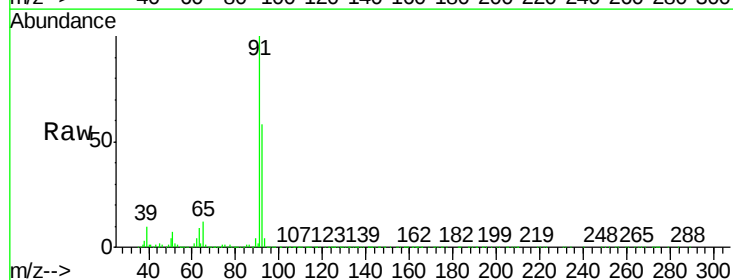
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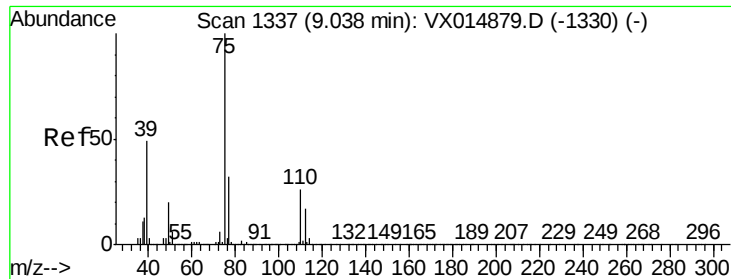
MMDadoda
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#52
 Toluene
 Concen: 50.474 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion: 92 Resp: 566628
 Ion Ratio Lower Upper
 92 100
 91 172.1 137.0 205.4





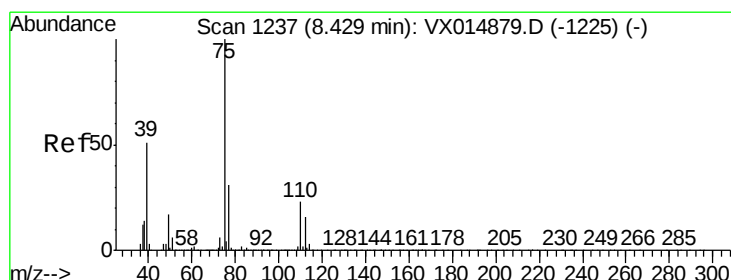
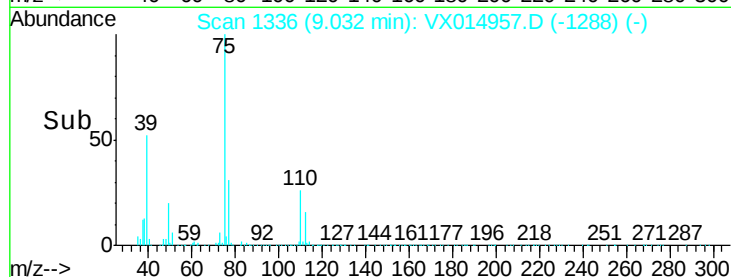
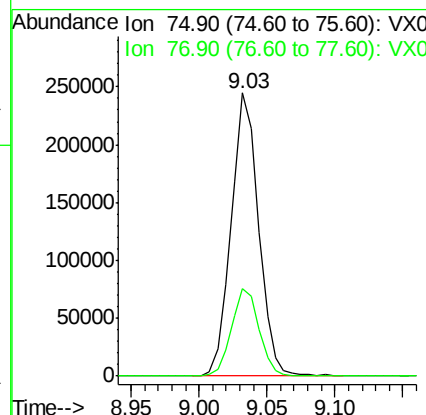
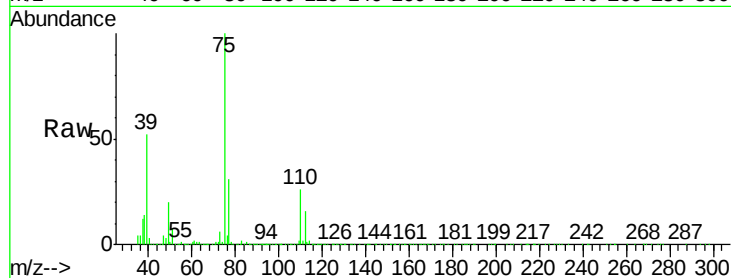
#53
t-1,3-Dichloropropene
Concen: 51.282 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.5	38.3

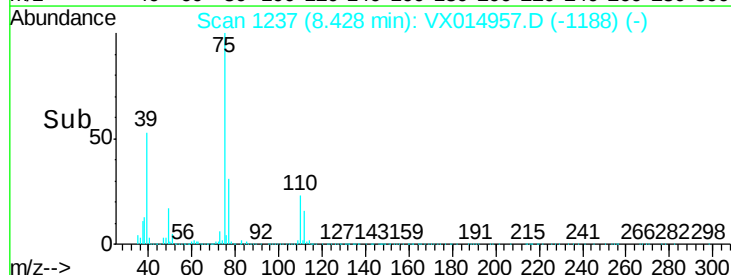
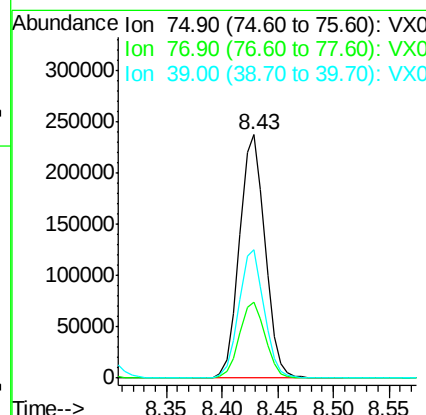
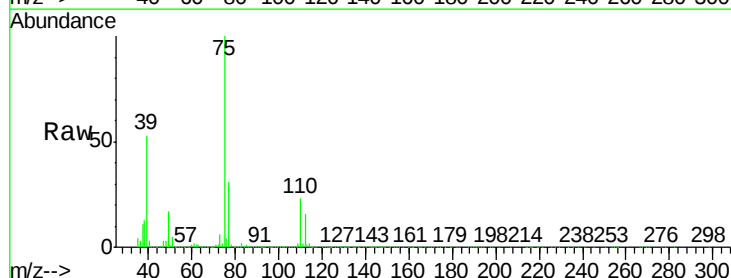
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#54
cis-1,3-Dichloropropene
Concen: 50.921 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	37.0
39	52.8	40.9	61.3





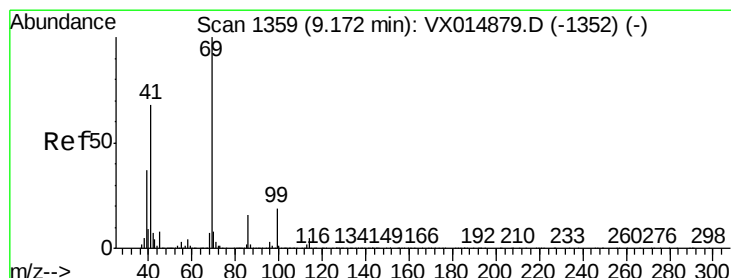
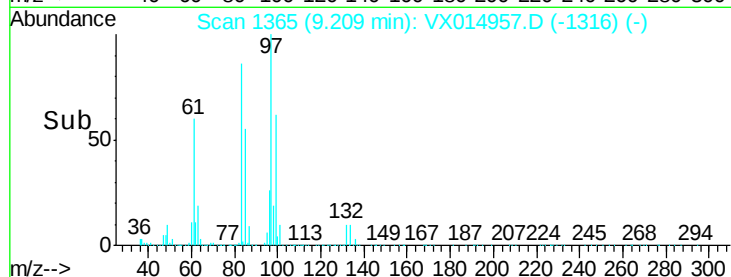
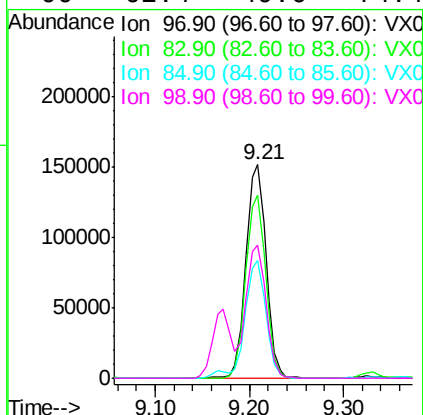
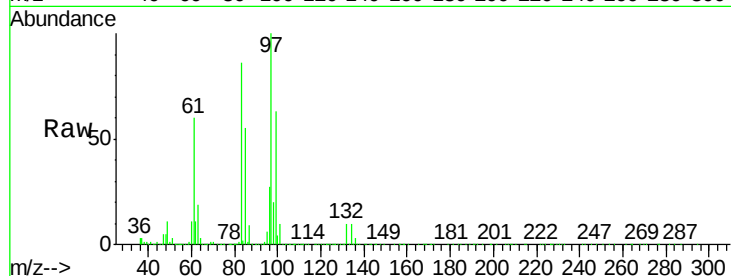
#55
 1,1,2-Trichloroethane
 Concen: 50.472 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		229240		
83	85.6	66.6	99.8		
85	54.8	43.5	65.3		
99	62.4	49.6	74.4		

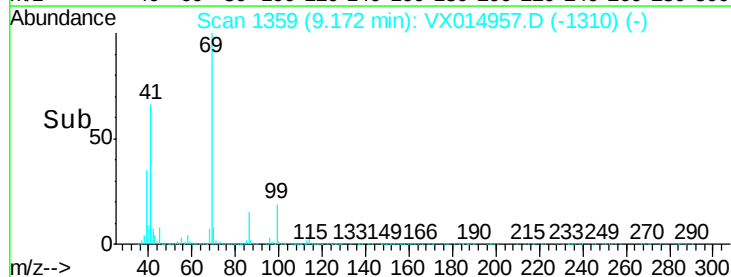
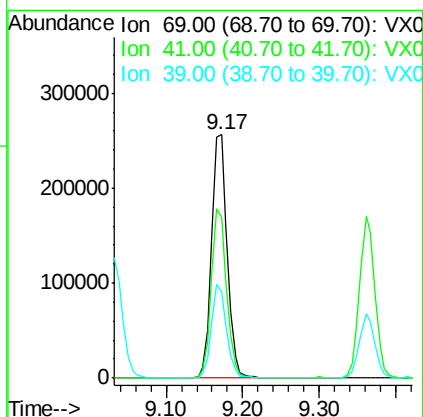
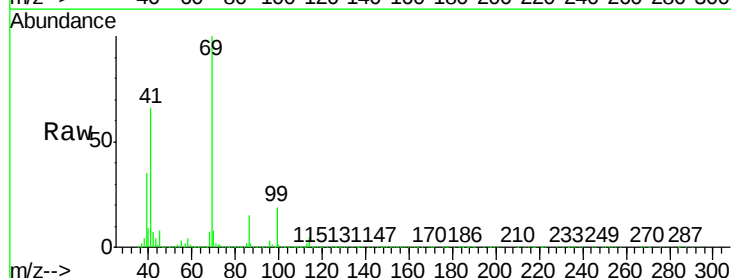
Manual Integrations
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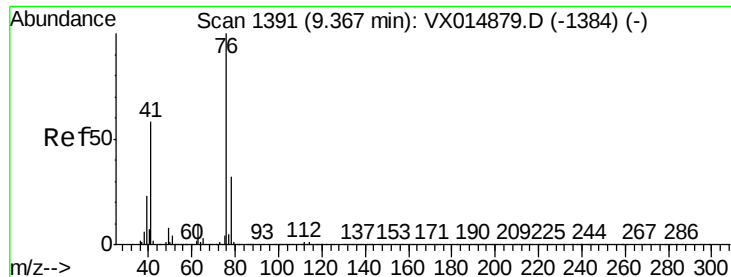
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#56
 Ethyl methacrylate
 Concen: 53.229 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		363384		
41	68.2	54.8	82.2		
39	37.0	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 50.804 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 388421

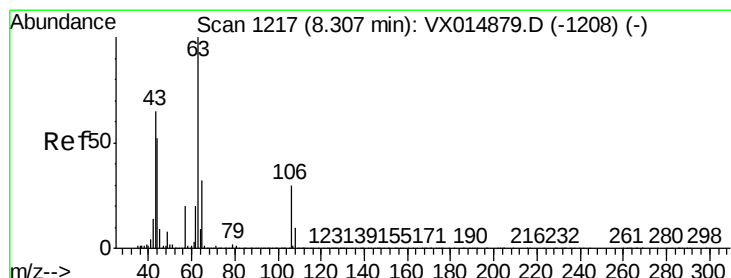
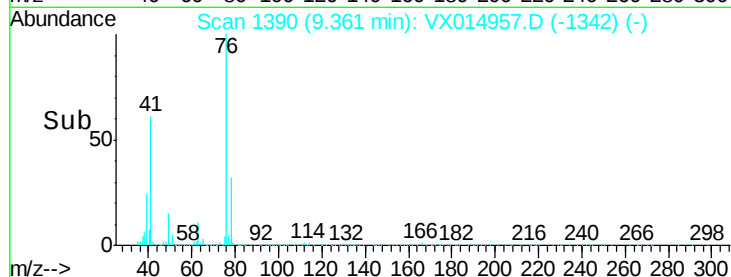
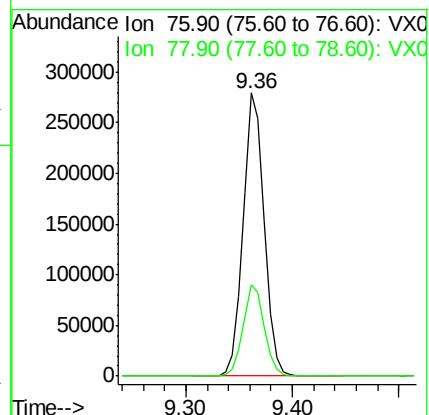
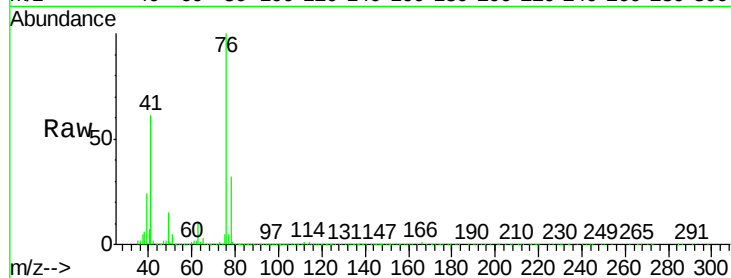
Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8

Manual Integrations
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2/20/2020 1:41:21 PM



#58

2-Chloroethyl Vinyl ether

Concen: 259.262 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014957.D

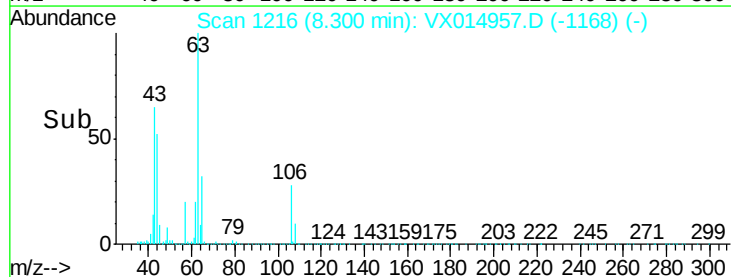
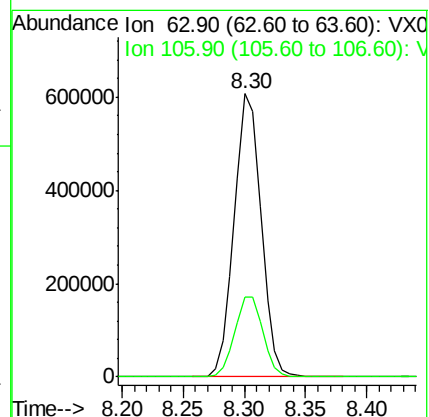
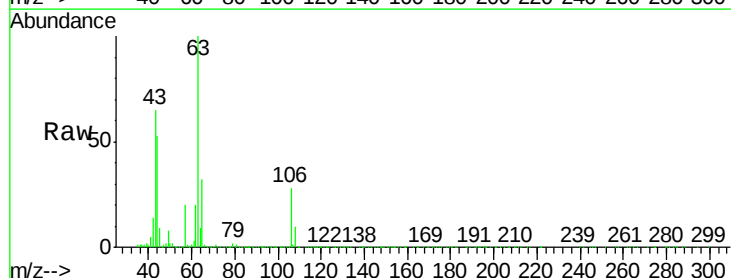
Acq: 19 Feb 2020 10:17

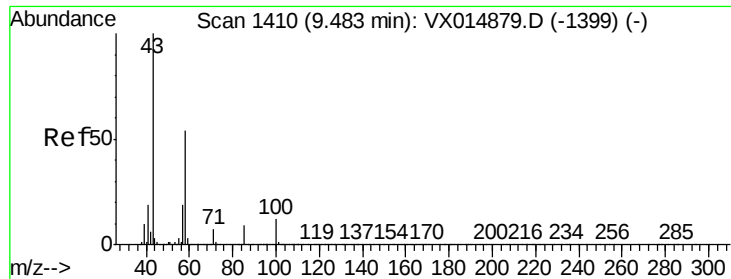
Tgt Ion: 63 Resp: 925647

Ion Ratio Lower Upper

63 100

106 29.4 23.8 35.8





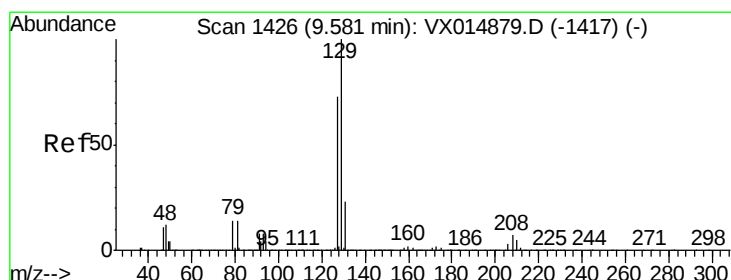
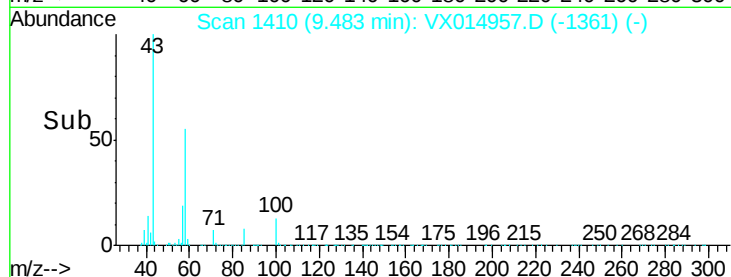
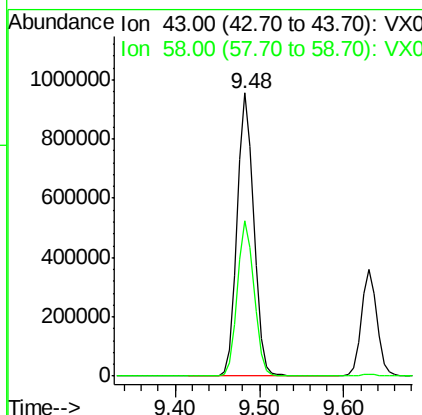
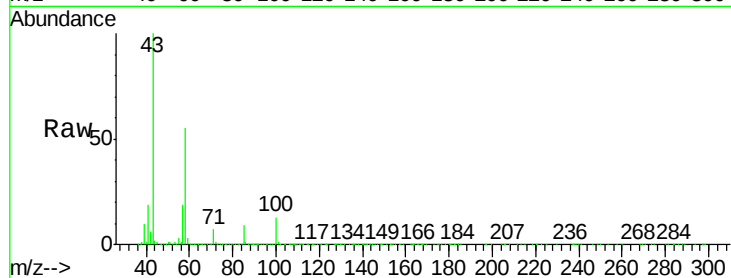
#59
2-Hexanone
Concen: 263.274 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1271793
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.5

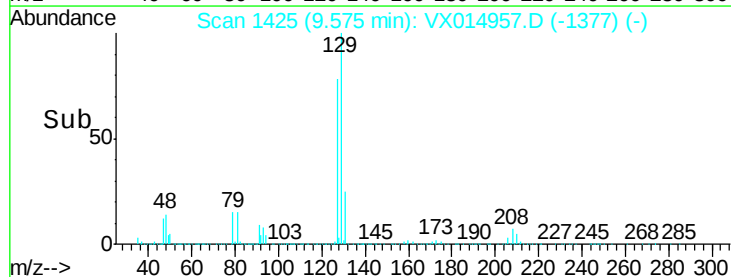
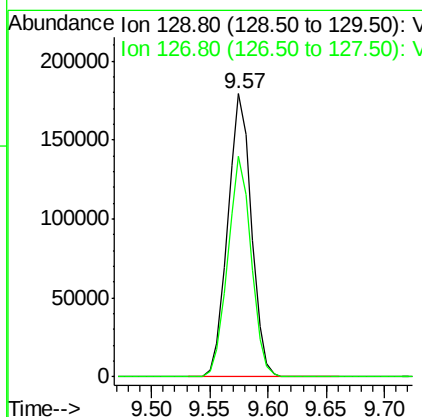
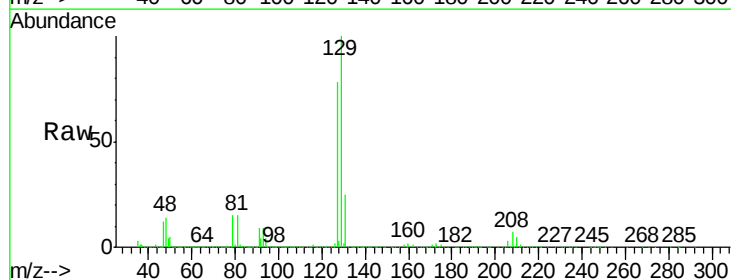
Manual Integrations
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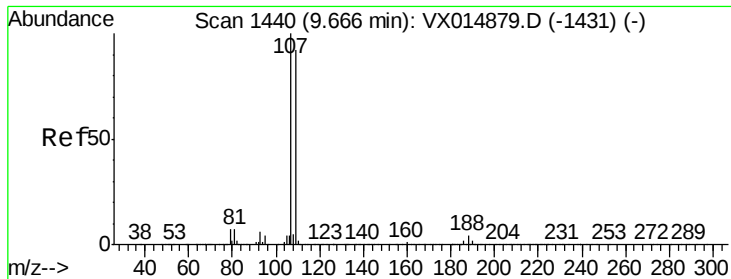
MMDadoda
2/20/2020 1:41:21 PM



#60
Dibromochloromethane
Concen: 51.832 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 129 Resp: 253343
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.3





#61

1,2-Dibromoethane

Concen: 50.150 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 245763

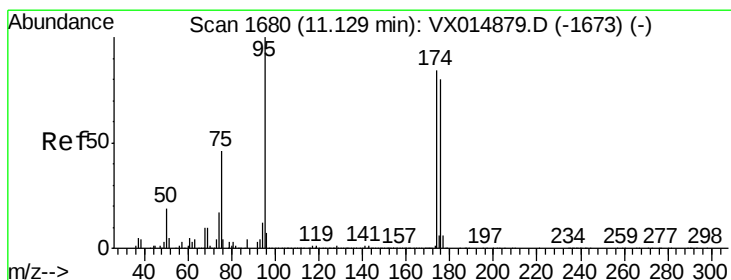
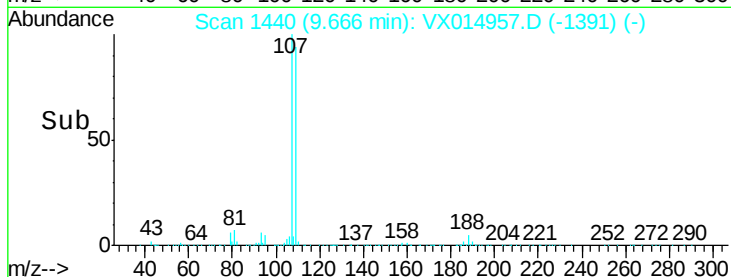
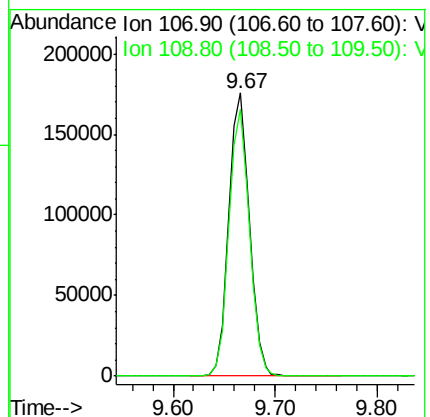
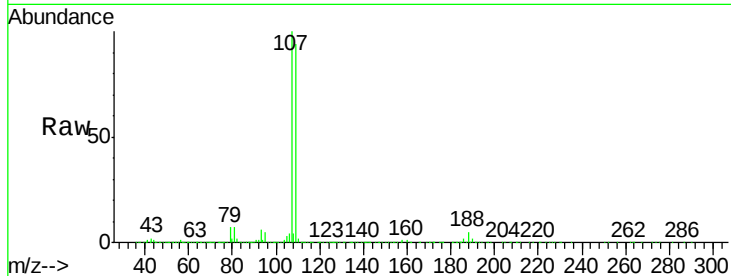
Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4

Manual Integrations
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2/20/2020 1:41:21 PM



#62

4-Bromofluorobenzene

Concen: 51.399 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

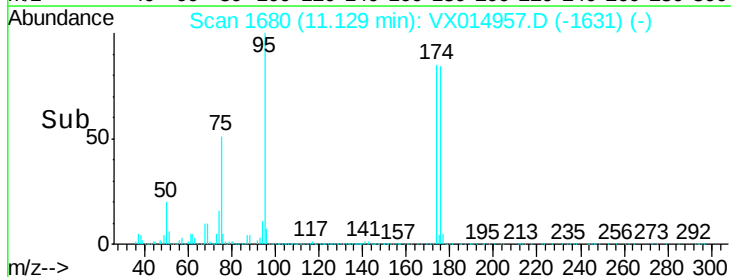
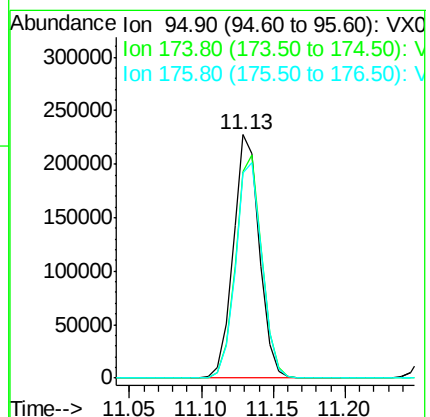
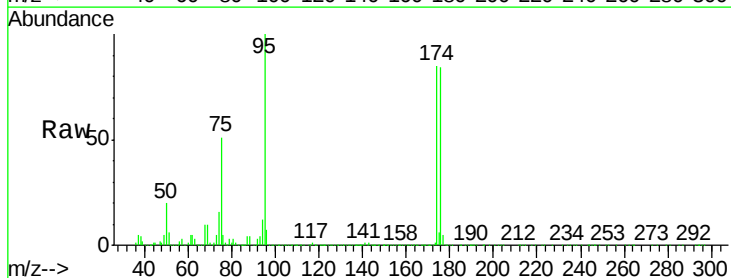
Tgt Ion: 95 Resp: 287342

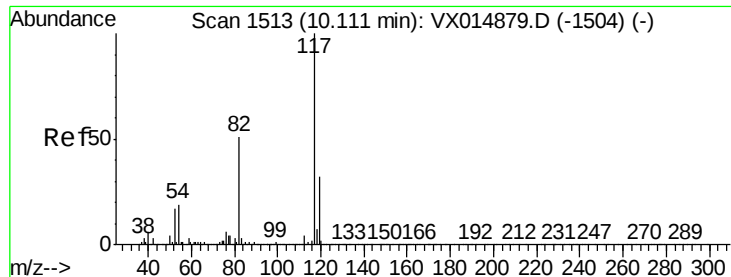
Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.0

176 90.0 0.0 178.0





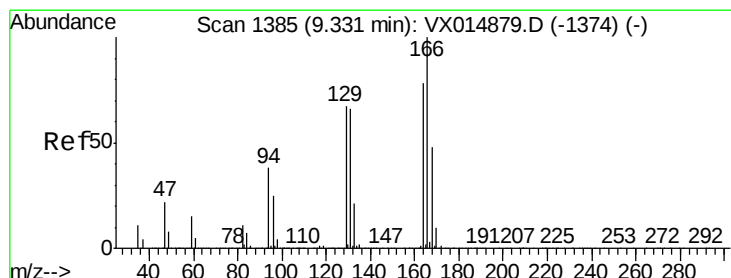
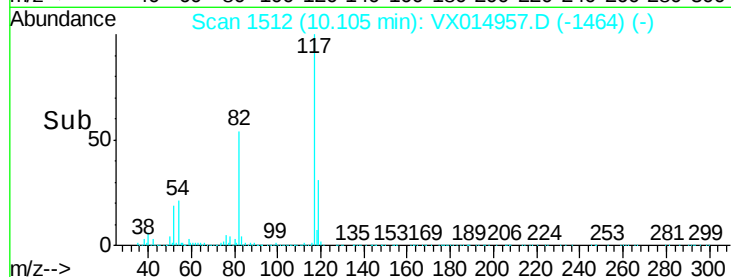
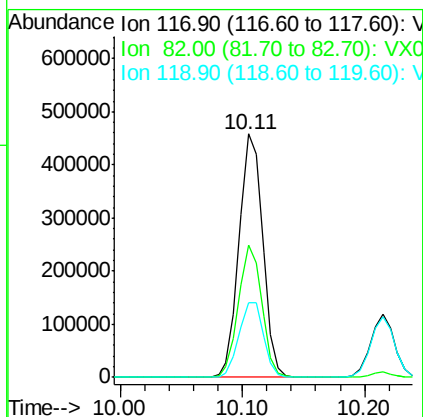
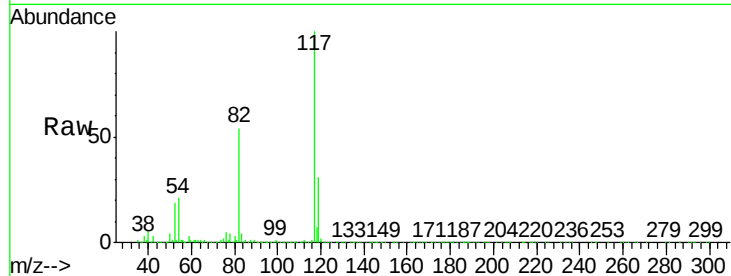
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.5	60.7
119	30.8	25.8	38.6

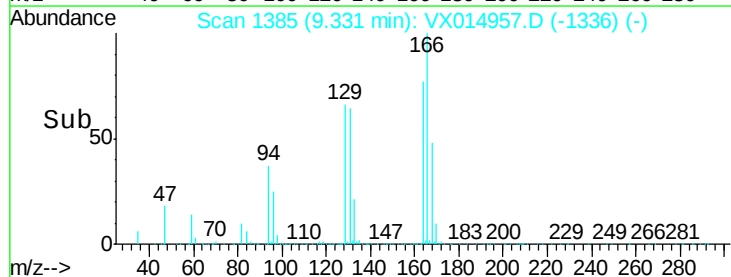
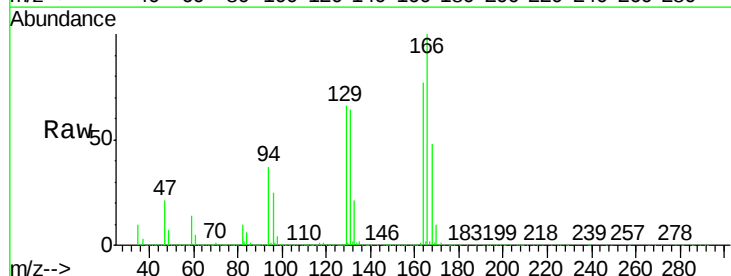
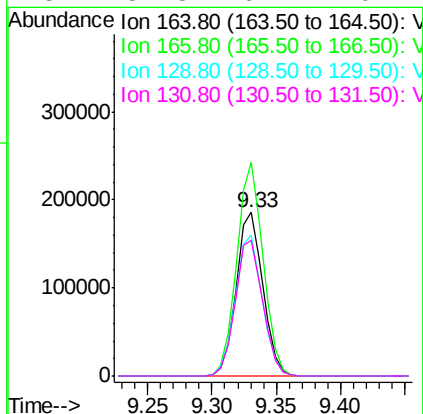
Manual Integrations
APPROVED

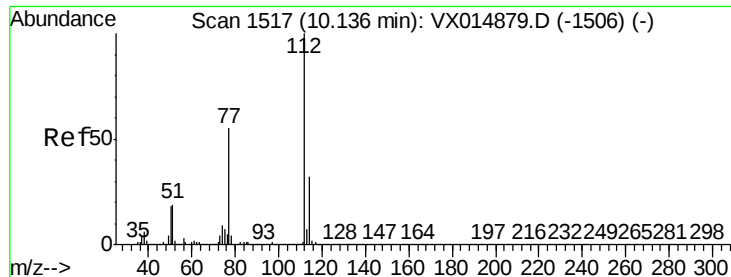
MMDadoda
2/20/2020 1:41:21 PM



#64
Tetrachloroethene
Concen: 46.505 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	102.6	153.8
129	86.2	68.3	102.5
131	82.8	67.4	101.2





#65

Chlorobenzene

Concen: 50.203 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 624669

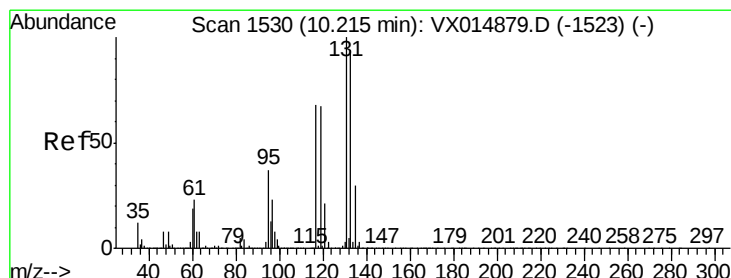
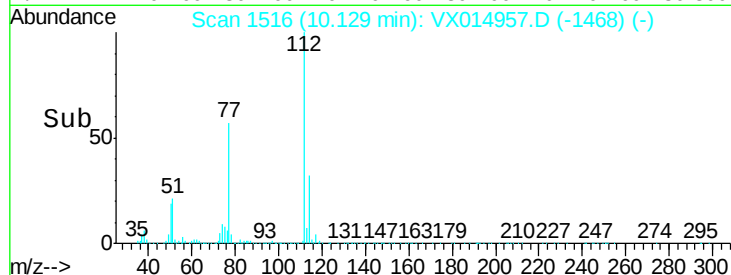
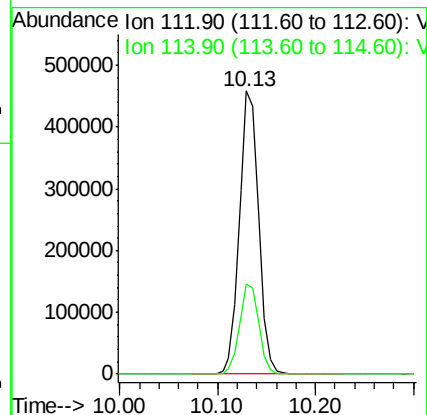
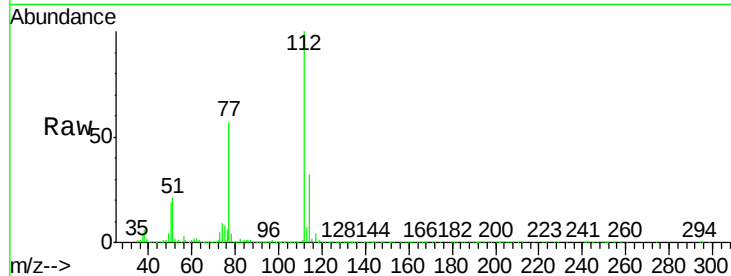
Ion Ratio Lower Upper

112 100

114 31.9 25.6 38.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 51.940 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

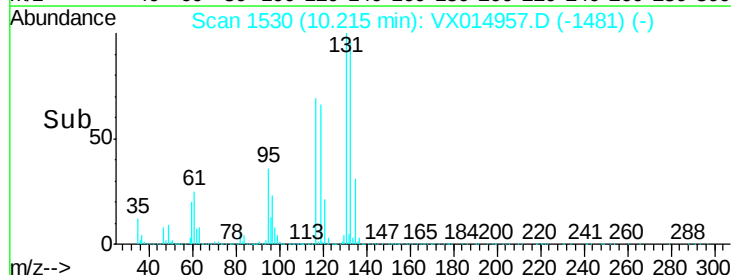
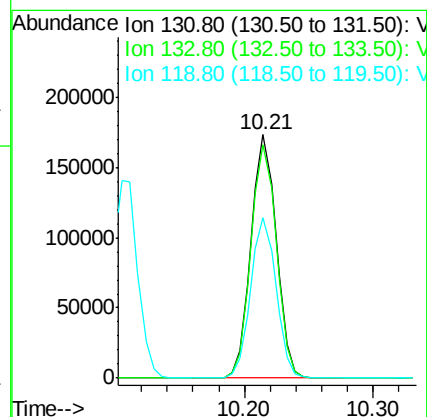
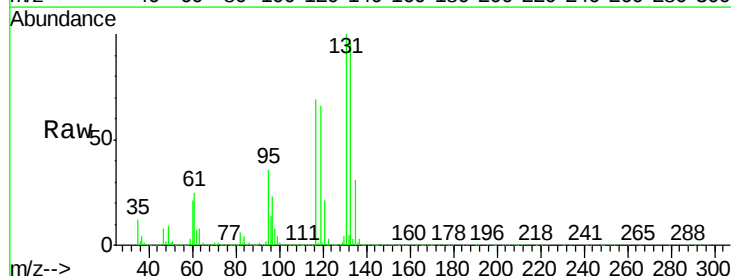
Tgt Ion:131 Resp: 234629

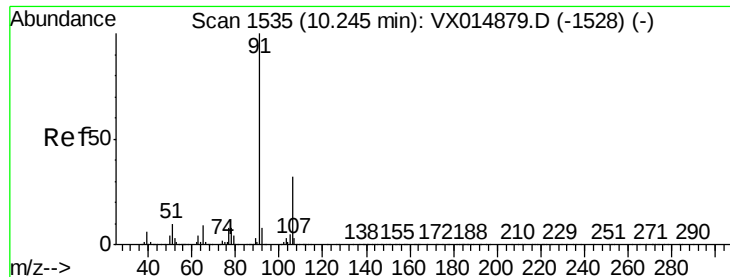
Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

119 65.8 33.0 99.0





#67

Ethyl Benzene

Concen: 52.237 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1105414

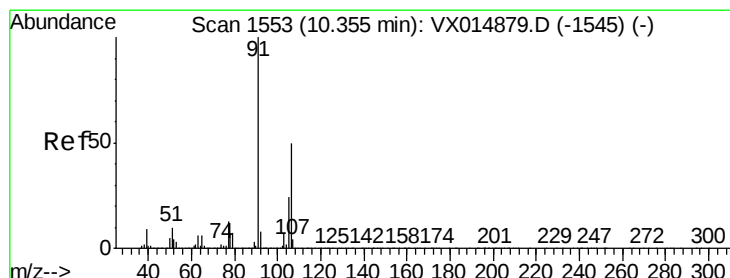
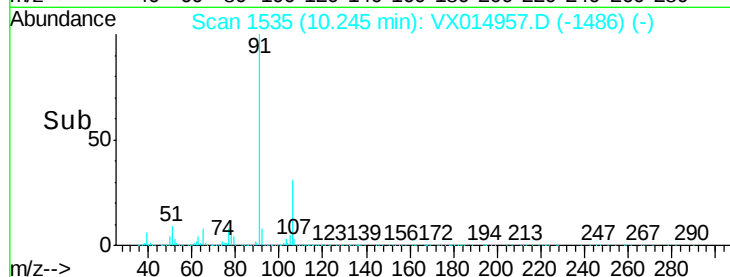
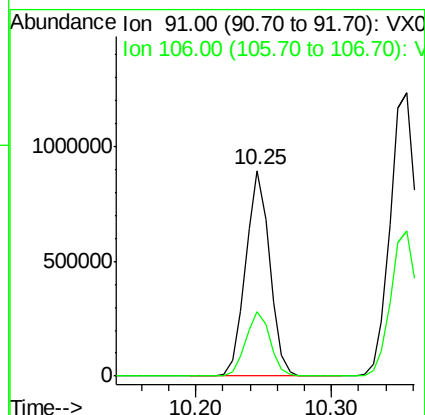
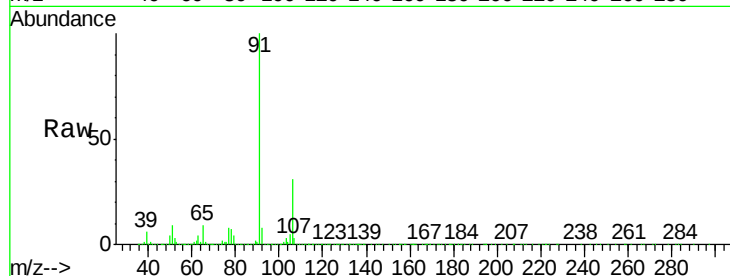
Ion Ratio Lower Upper

91 100

106 31.5 25.3 37.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 104.039 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014957.D

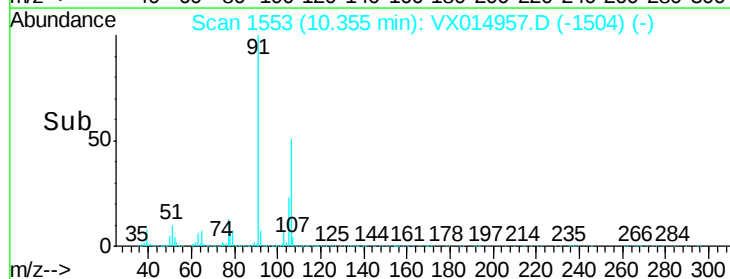
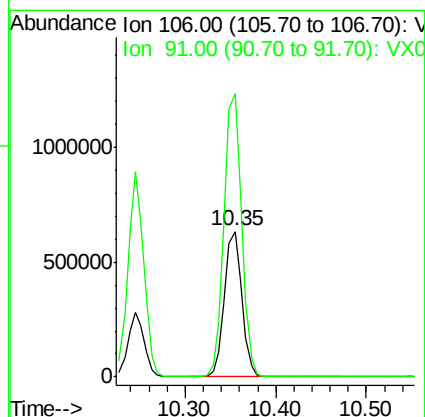
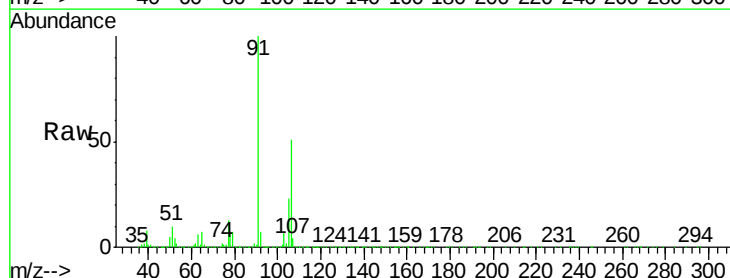
Acq: 19 Feb 2020 10:17

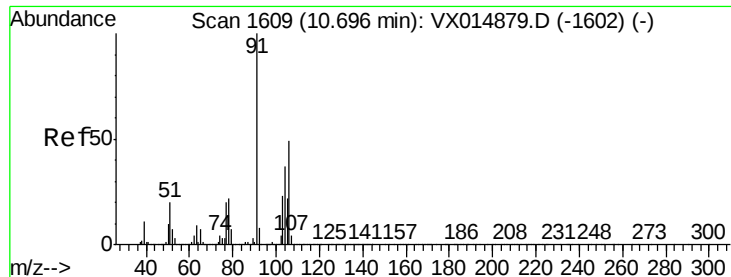
Tgt Ion: 106 Resp: 848136

Ion Ratio Lower Upper

106 100

91 198.8 160.6 240.8





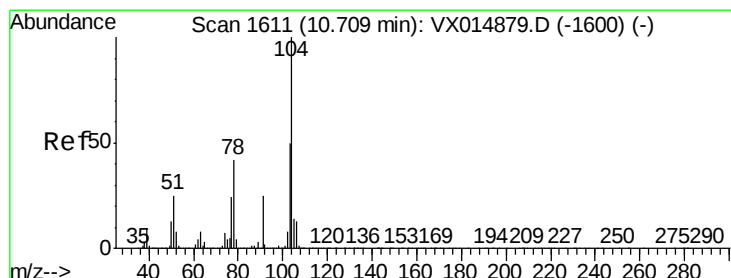
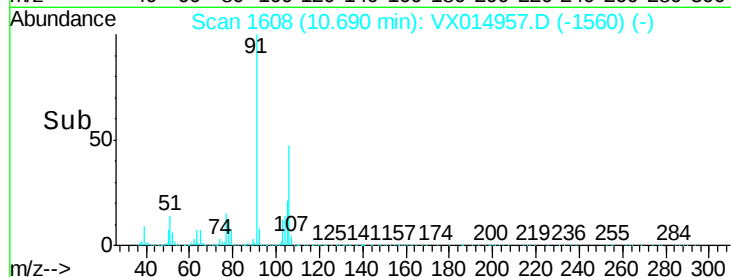
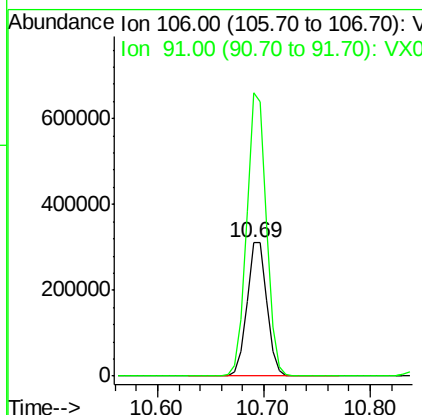
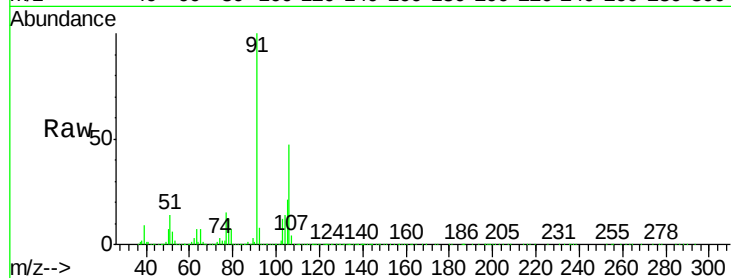
#69
o-Xylene
Concen: 52.232 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	409307		
91	209.4	105.1	315.3	

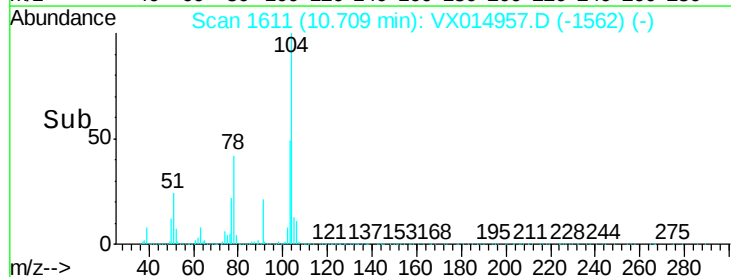
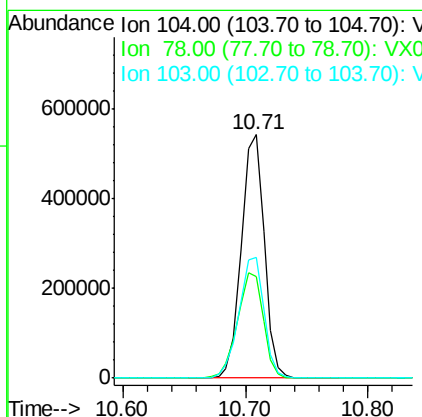
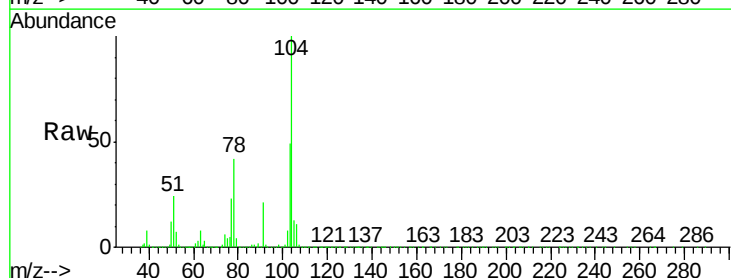
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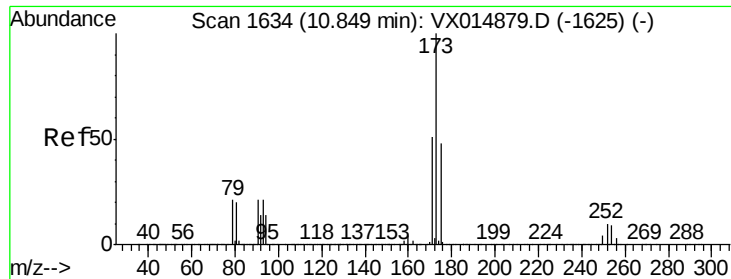
MMDadoda
2/20/2020 1:41:21 PM



#70
Styrene
Concen: 53.018 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	702870		
78	48.3	39.0	58.4	
103	54.4	43.4	65.0	





#71

Bromoform

Concen: 51.922 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

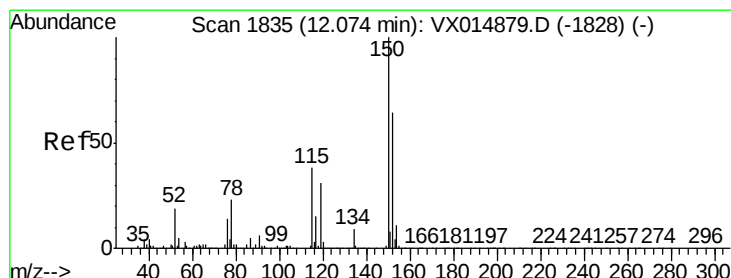
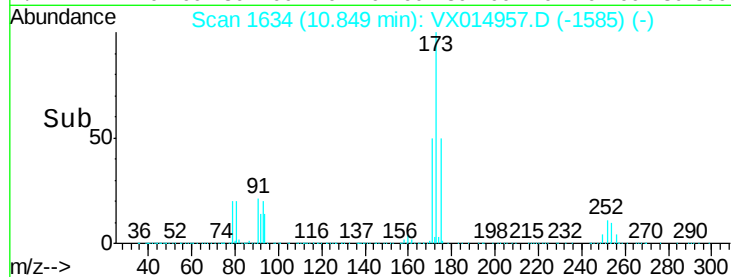
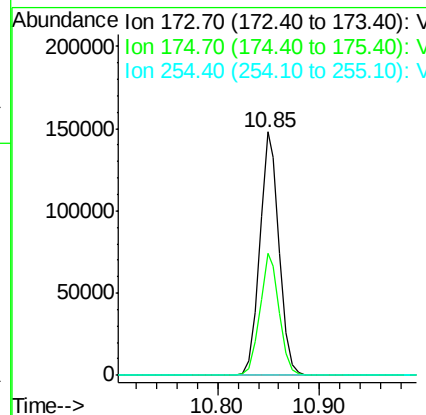
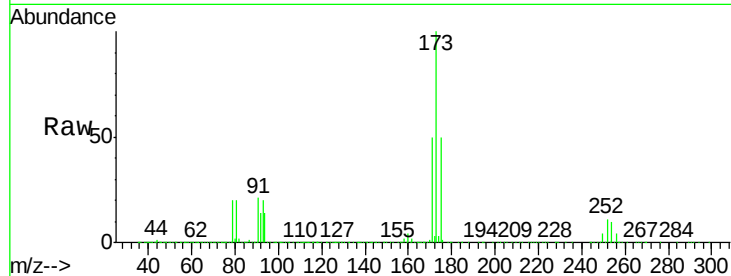
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100	195776		
175	50.1	24.2	72.6	
254	0.3	0.2	0.2#	

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

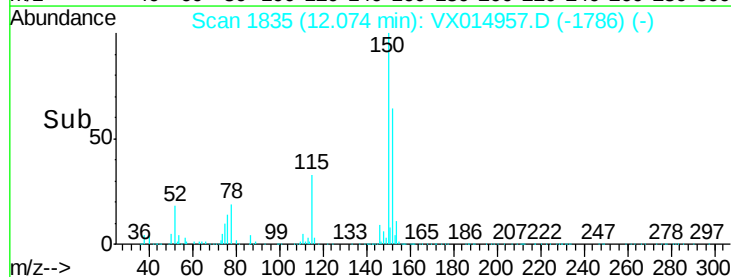
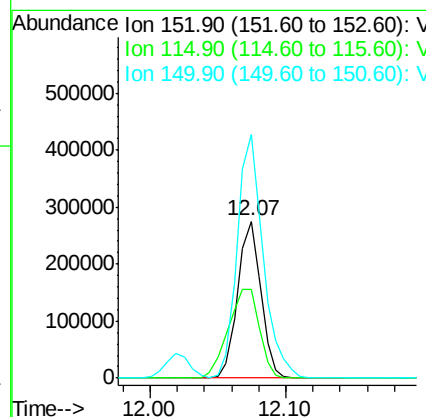
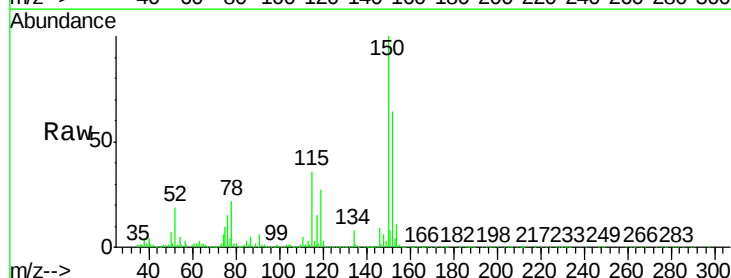
RT: 12.07 min Scan# 1835

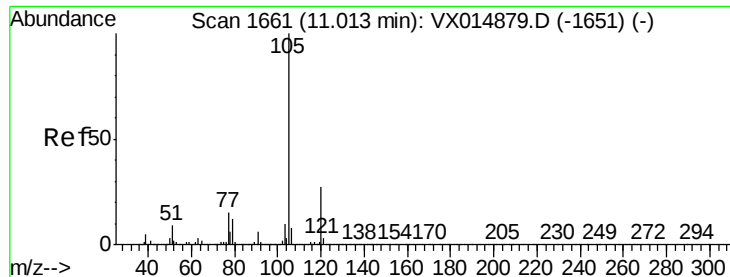
Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	325597		
115	76.6	38.6	116.0	
150	174.4	0.0	349.0	





#73

Isopropylbenzene

Concen: 53.743 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1097362

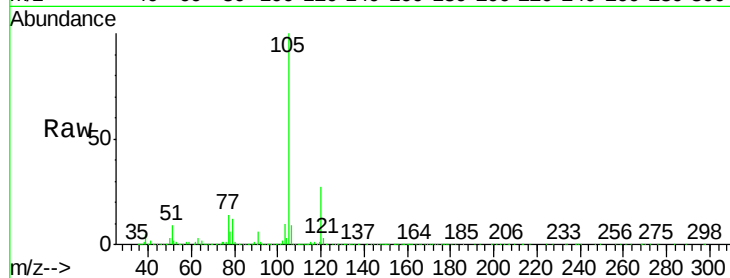
Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8

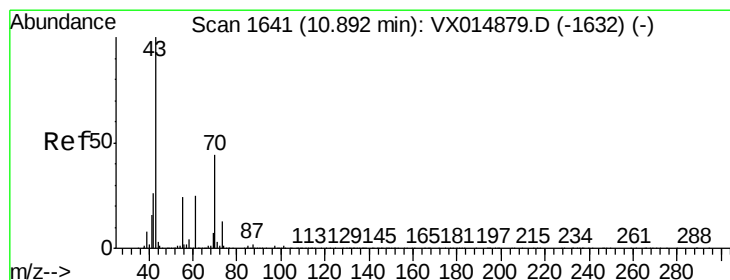
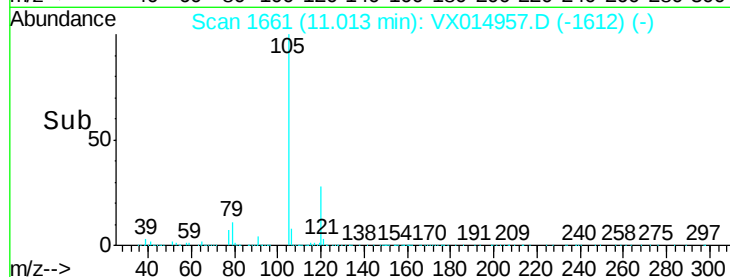
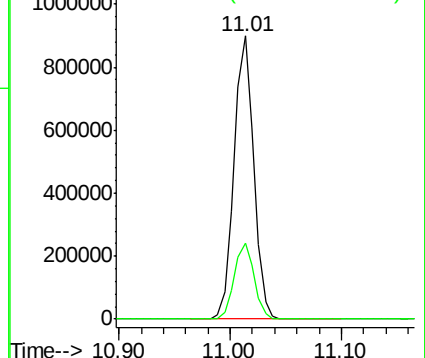
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.760 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion: 43 Resp: 456097

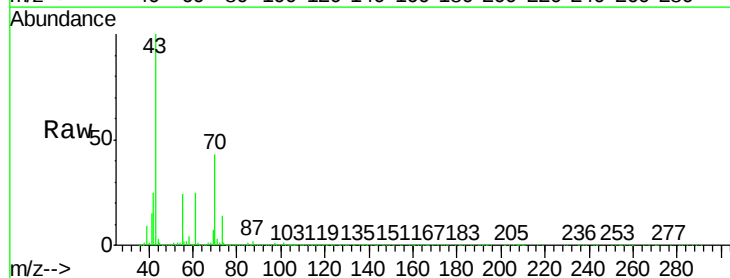
Ion Ratio Lower Upper

43 100

70 43.5 35.0 52.4

55 24.1 19.4 29.2

61 24.6 19.8 29.6

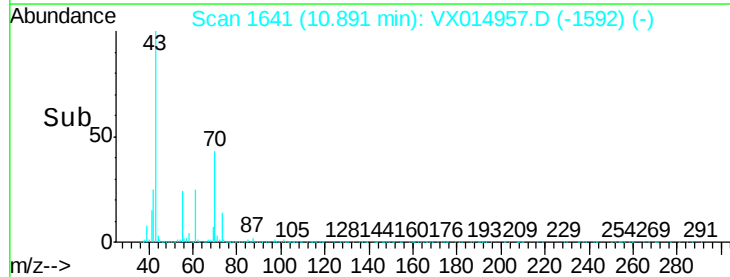
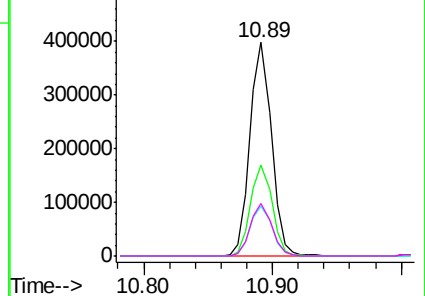


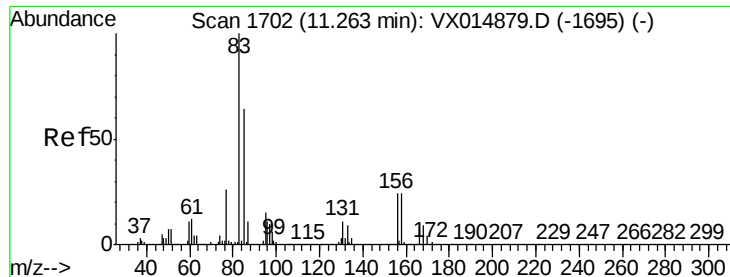
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.254 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

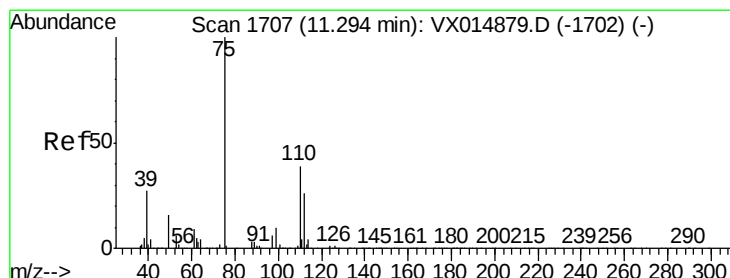
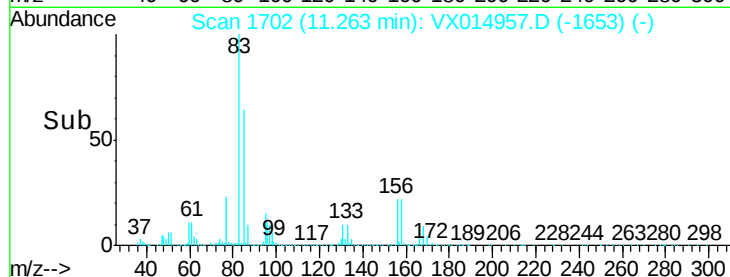
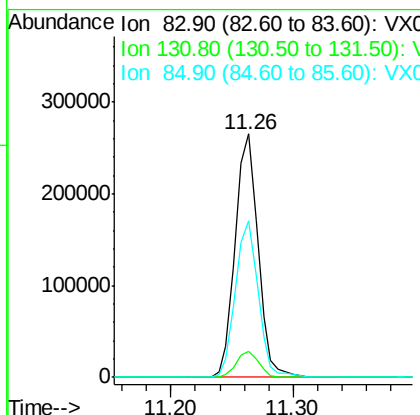
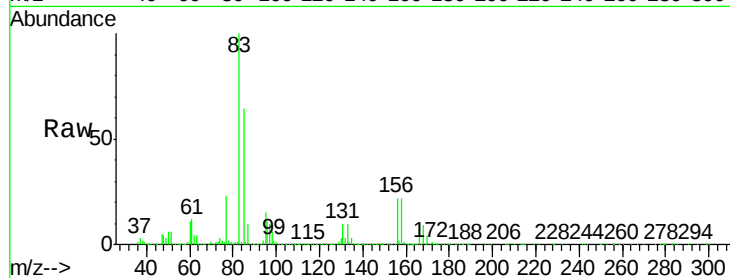
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	342101
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	64.0	32.6	97.7

Manual Integrations
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2/20/2020 1:41:21 PM



#76

1,2,3-Trichloropropane

Concen: 49.121 ug/l m

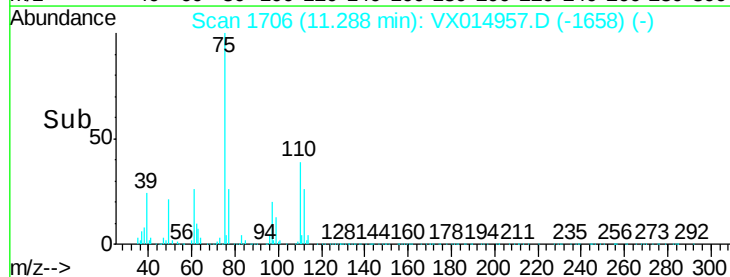
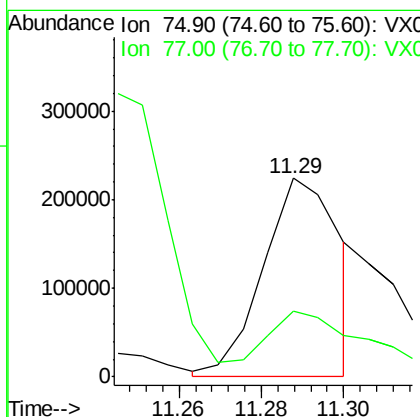
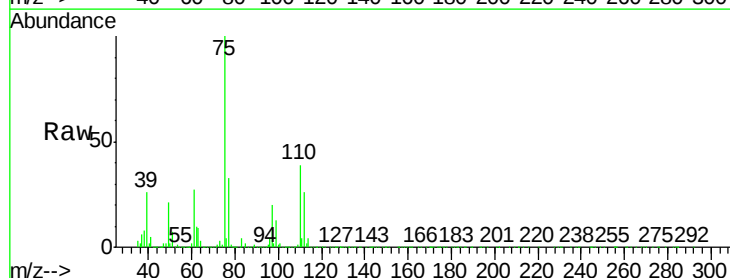
RT: 11.29 min Scan# 1706

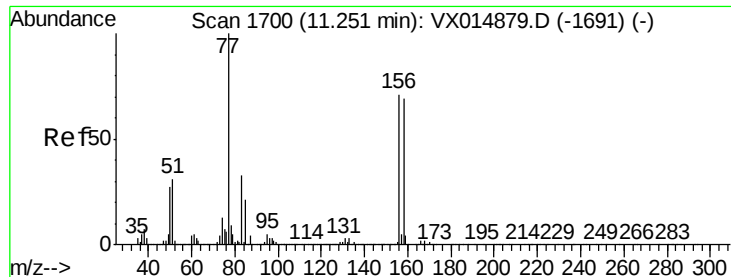
Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion:	75	Resp:	289220
Ion Ratio	Lower	Upper	
75	100		
77	44.7	18.4	55.0





#77

Bromobenzene

Concen: 50.692 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

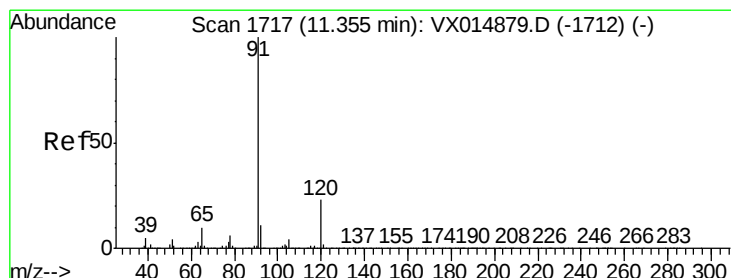
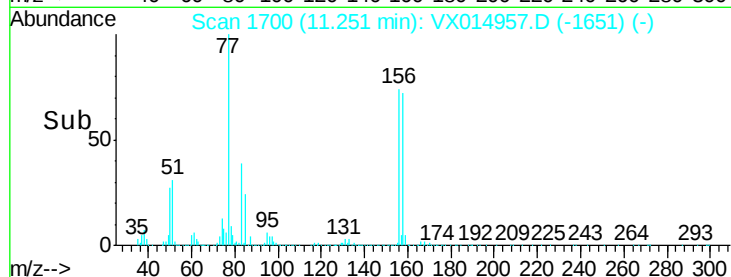
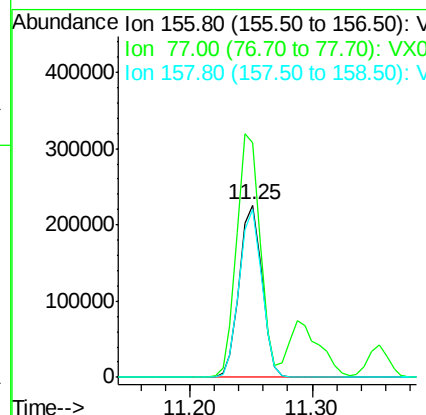
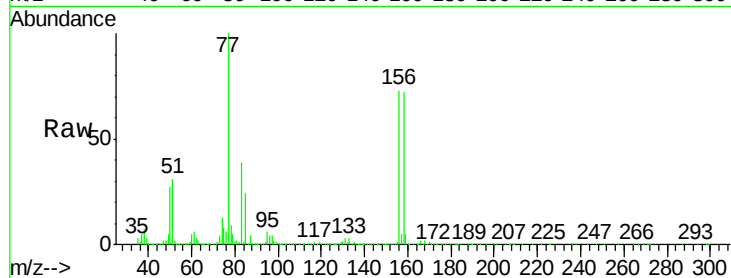
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	288897
Ion Ratio	Lower	Upper	
156	100		
77	145.9	74.0	222.0
158	97.5	48.9	146.6

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#78

n-propylbenzene

Concen: 53.331 ug/l

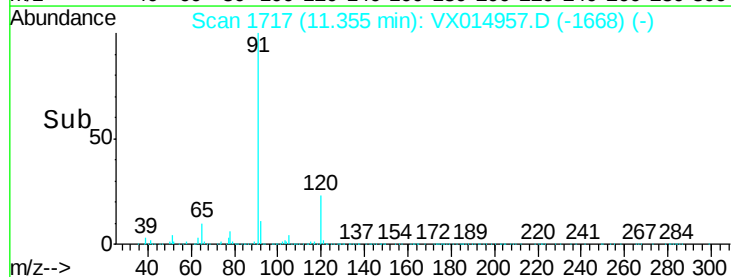
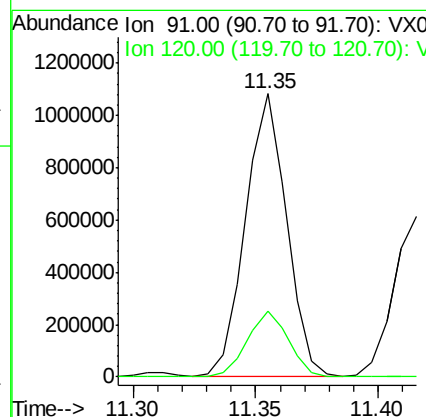
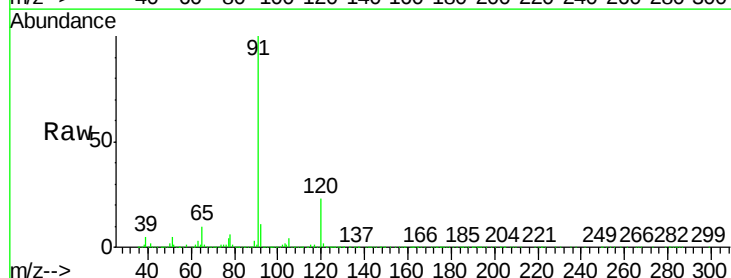
RT: 11.35 min Scan# 1717

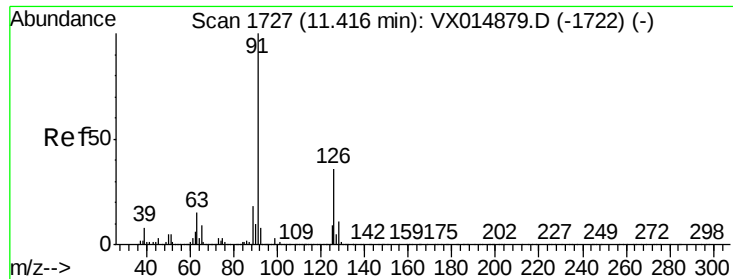
Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion:	91	Resp:	1259476
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.4





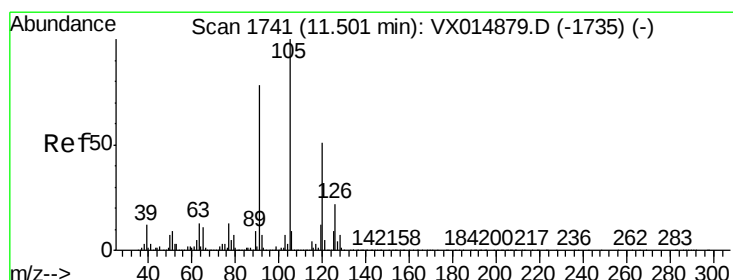
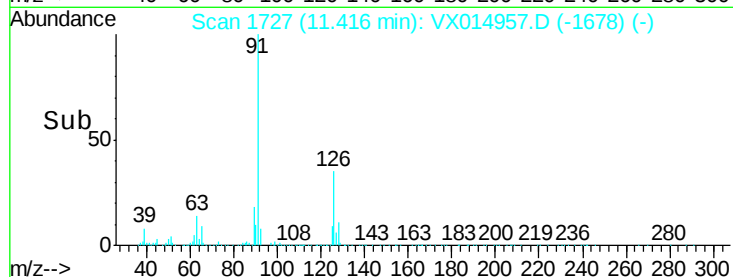
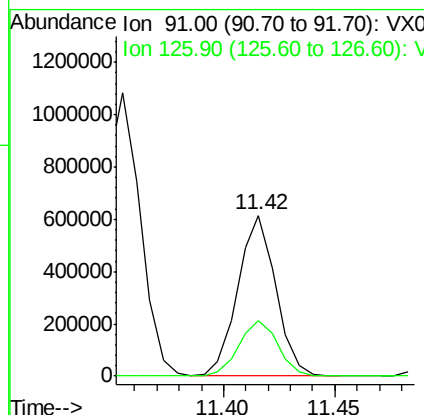
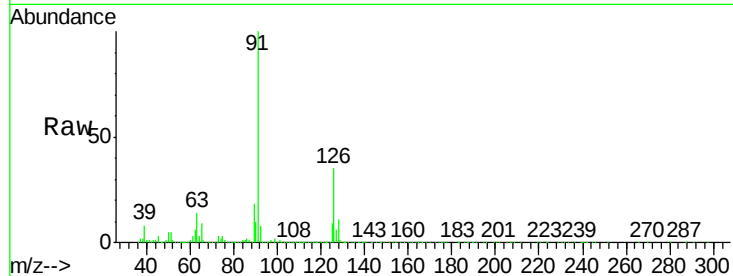
#79
2-Chlorotoluene
Concen: 52.452 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 728231
Ion Ratio Lower Upper
91 100
126 35.5 18.0 54.0

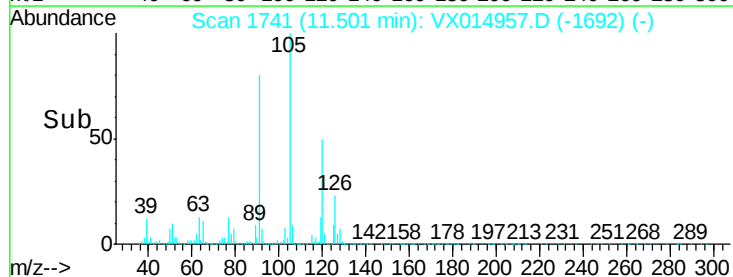
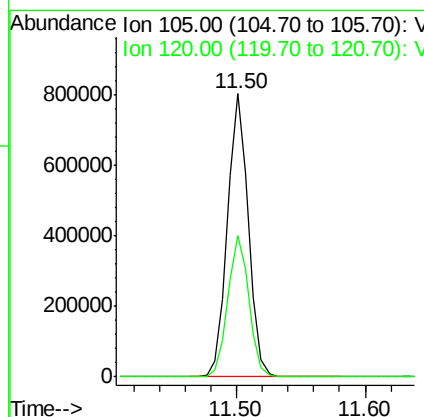
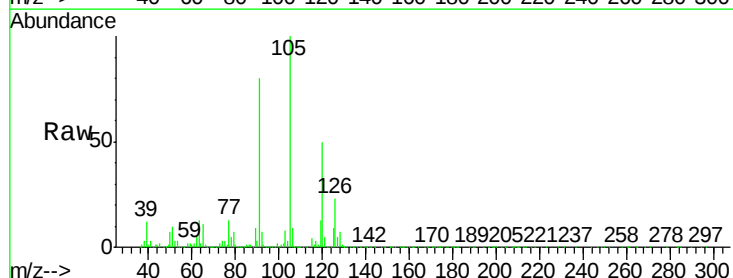
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#80
1,3,5-Trimethylbenzene
Concen: 53.834 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 105 Resp: 918447
Ion Ratio Lower Upper
105 100
120 50.3 25.6 76.6





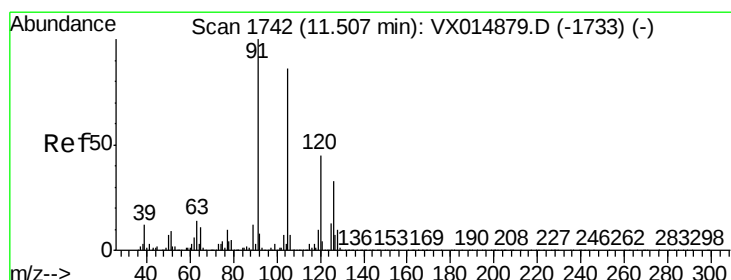
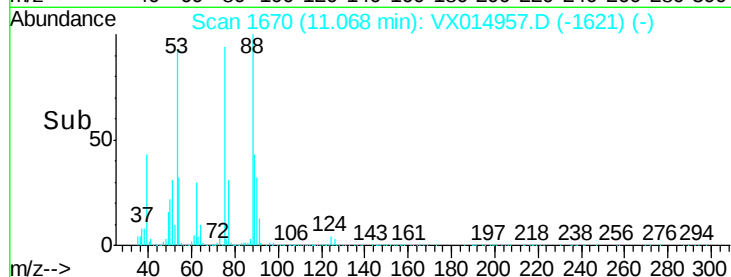
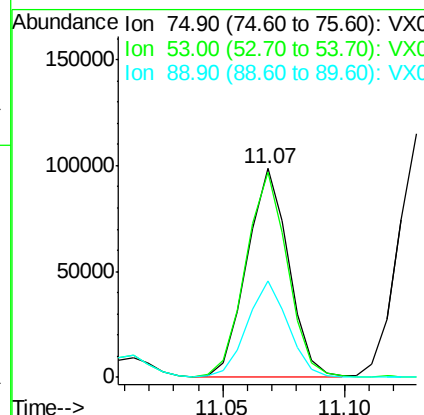
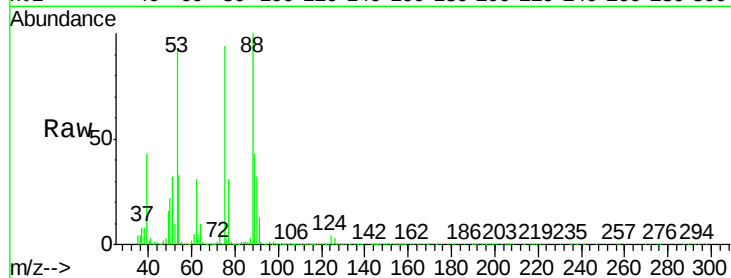
#81
trans-1,4-Dichloro-2-butene
Concen: 50.761 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	76.2	114.2
89	46.1	35.8	53.6

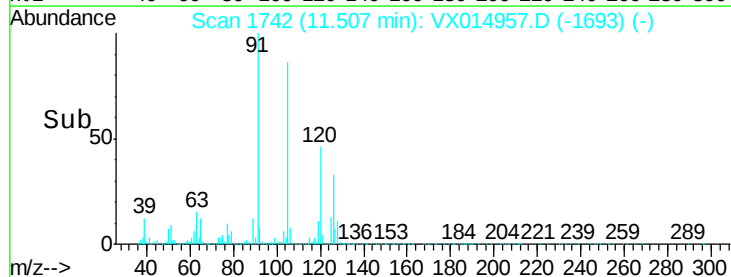
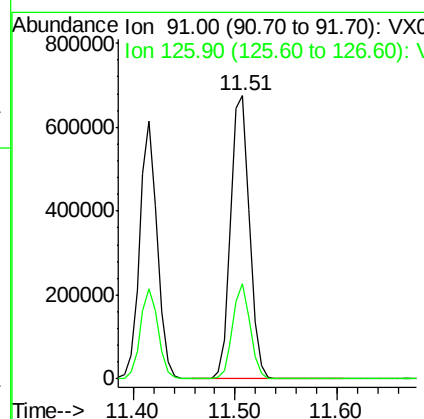
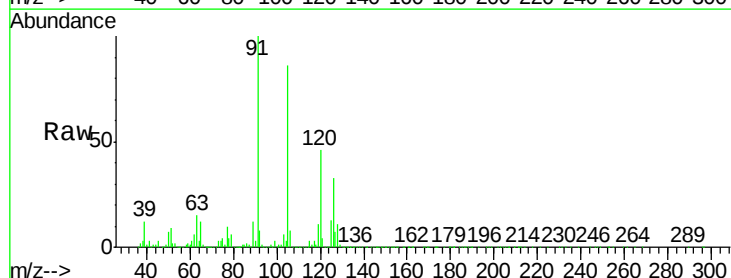
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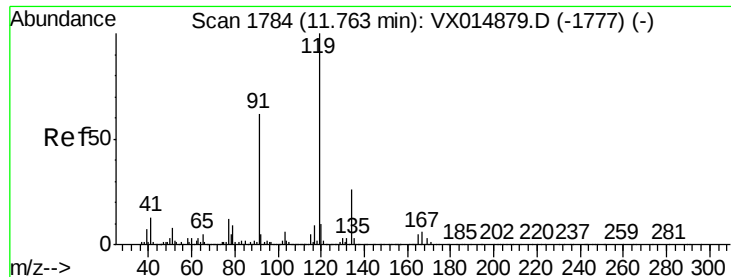
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#82
4-Chlorotoluene
Concen: 52.145 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.0





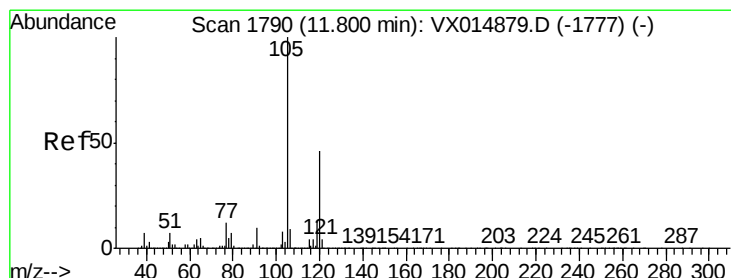
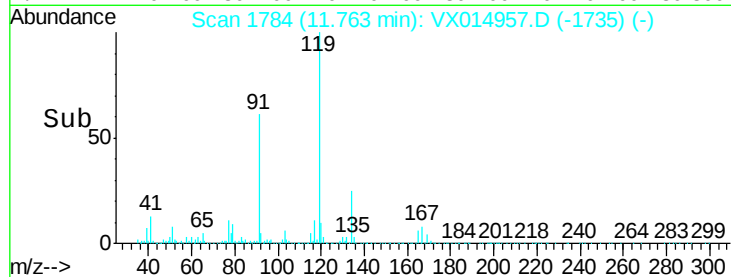
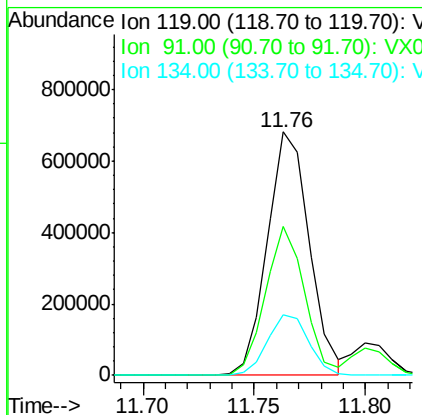
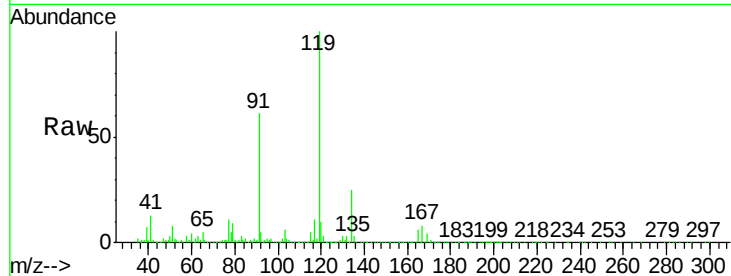
#83
 tert-Butylbenzene
 Concen: 55.084 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	889938		
91	57.3	29.5	88.6	
134	24.5	12.6	37.6	

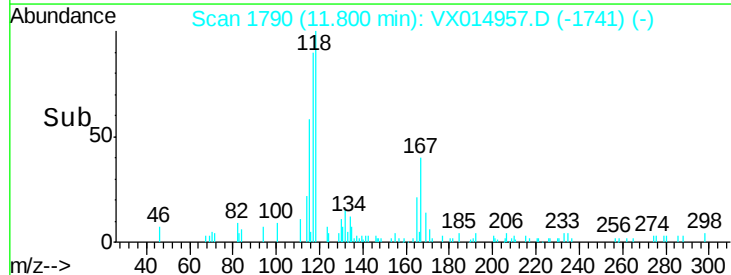
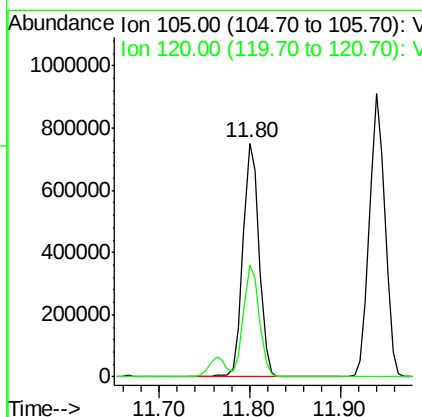
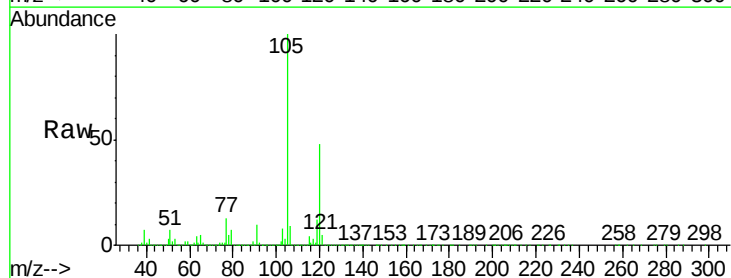
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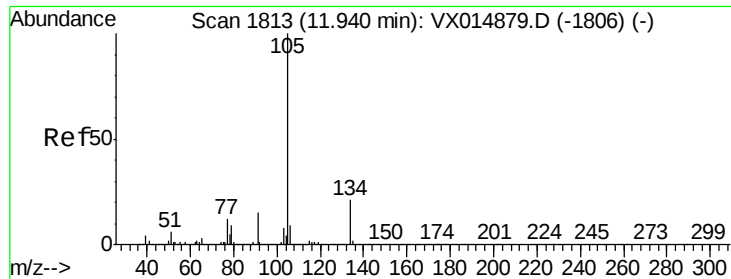
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.022 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	928817		
120	46.5	23.0	69.0	





#85

sec-Butylbenzene

Concen: 54.275 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1089321

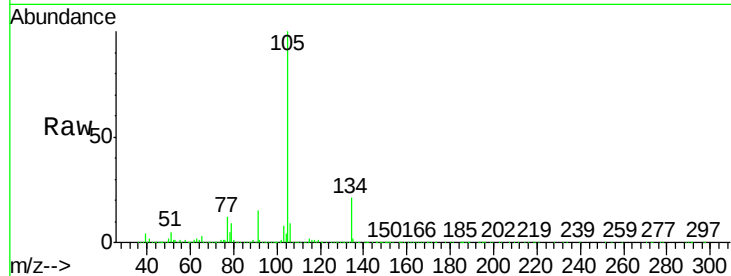
Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

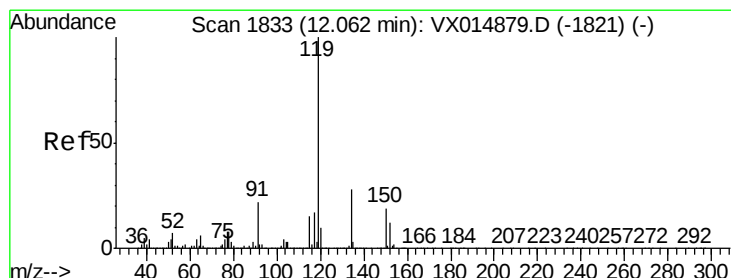
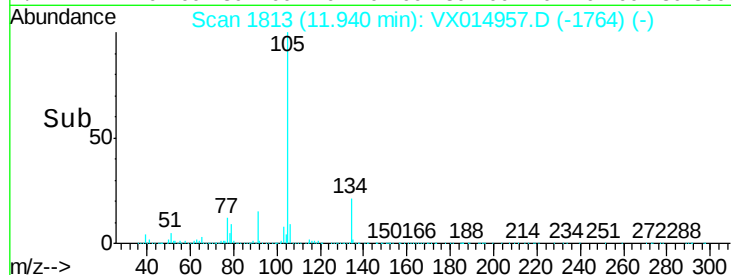
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 53.671 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

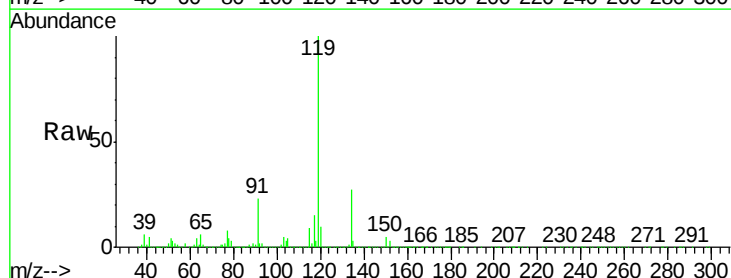
Tgt Ion:119 Resp: 1008019

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.9 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

800000

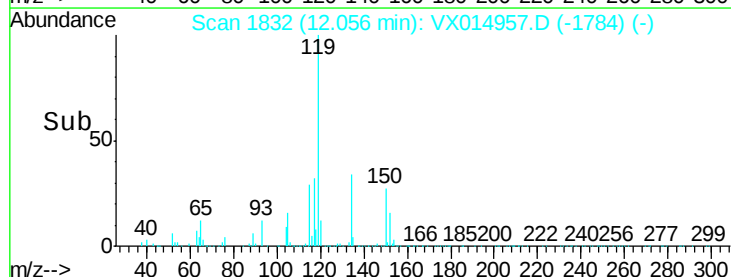
600000

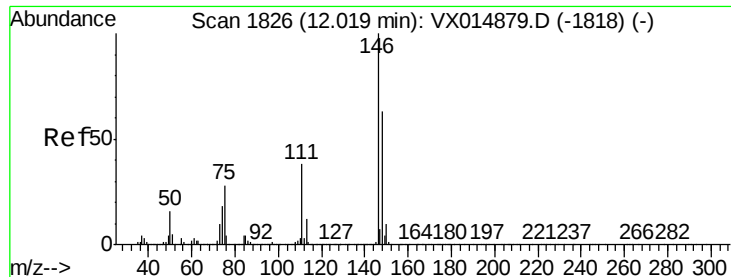
400000

200000

0

Time--> 11.90 12.00 12.10 12.20





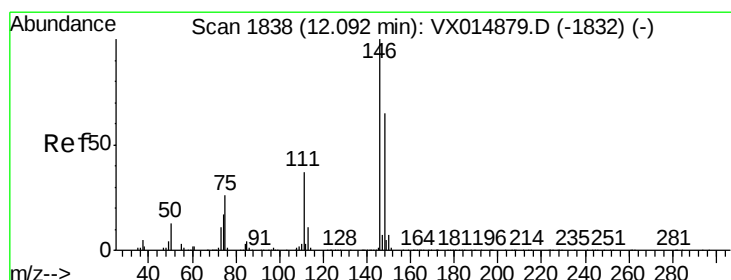
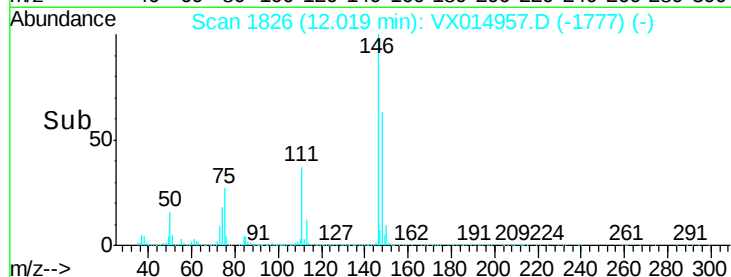
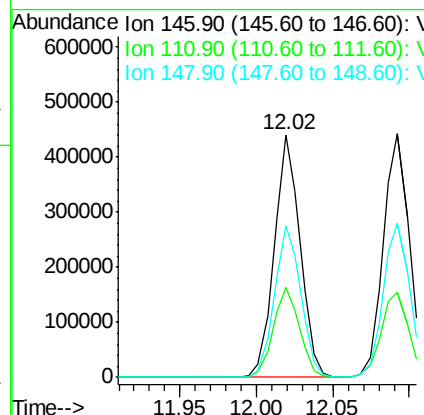
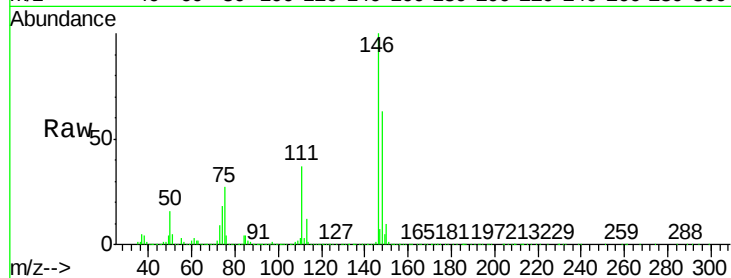
#87
 1,3-Dichlorobenzene
 Concen: 50.667 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	56.0
148	64.0	31.8	95.4

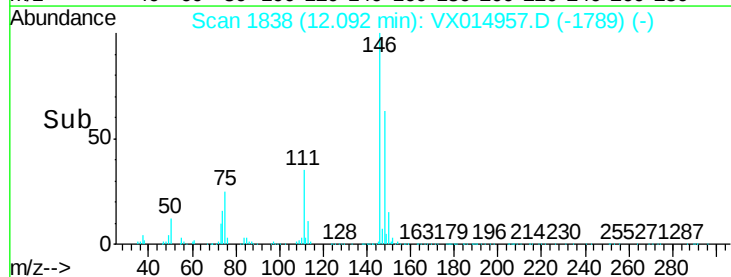
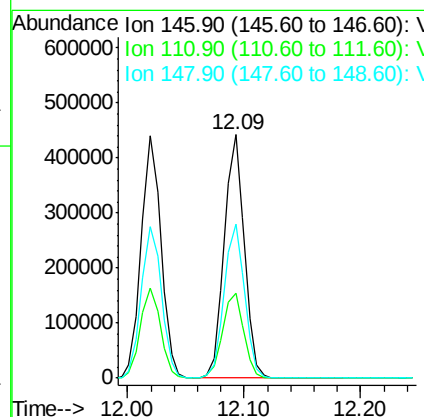
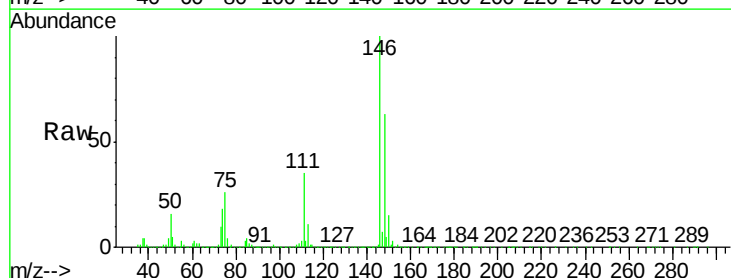
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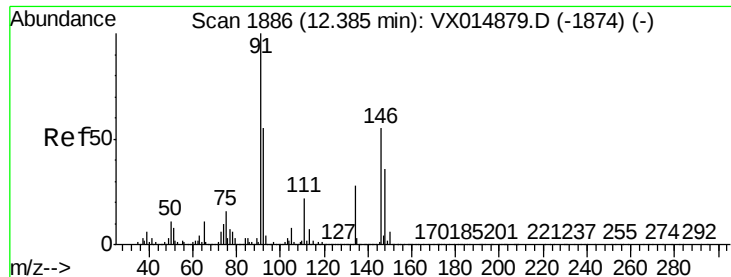
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#88
 1,4-Dichlorobenzene
 Concen: 50.097 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.6
148	64.5	32.4	97.0





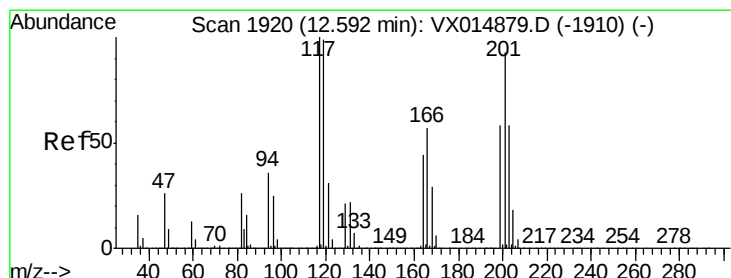
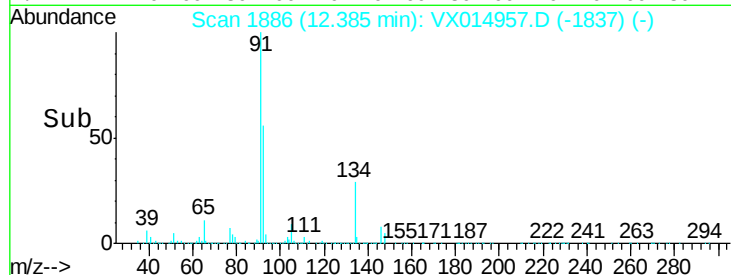
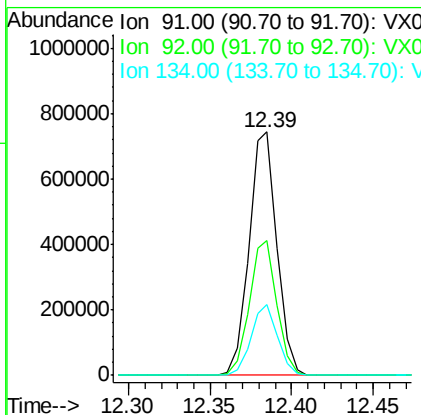
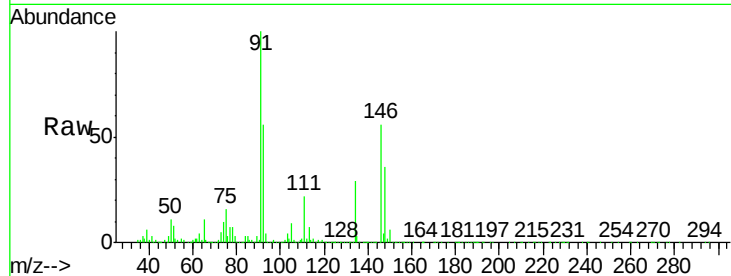
#89
n-Butylbenzene
Concen: 52.679 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.8
134	27.8	13.8	41.4

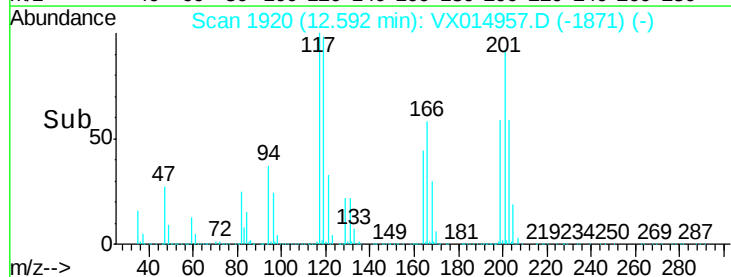
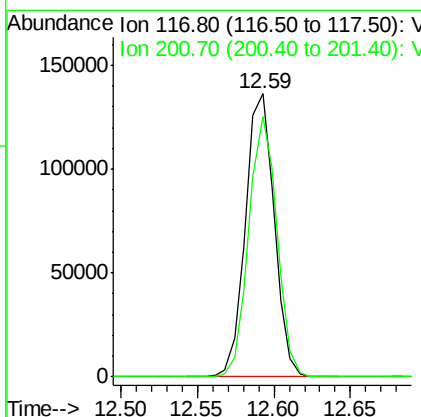
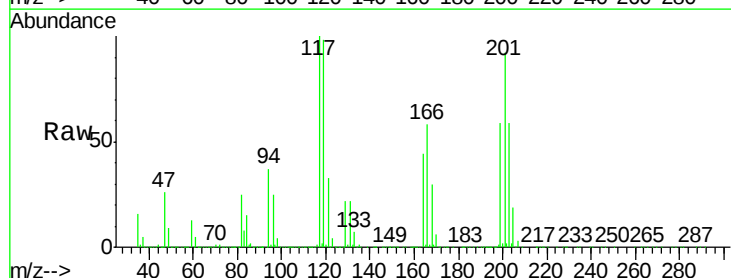
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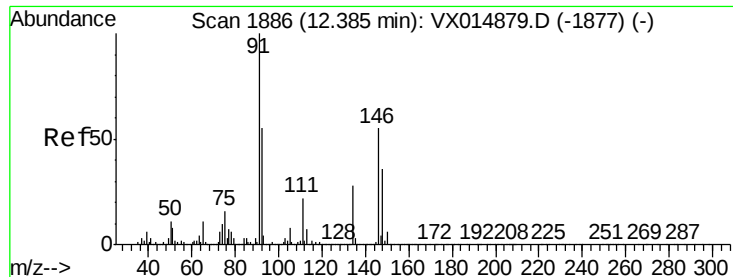
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#90
Hexachloroethane
Concen: 54.170 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	44.8	134.3





#91

1,2-Dichlorobenzene

Concen: 51.602 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

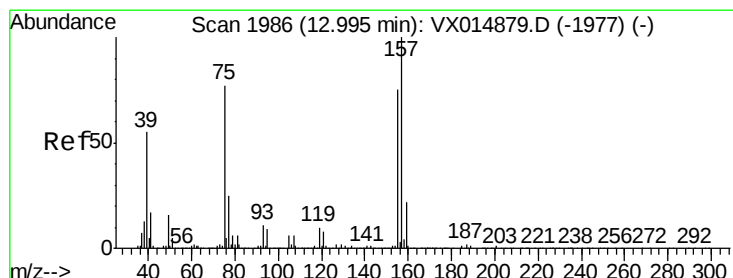
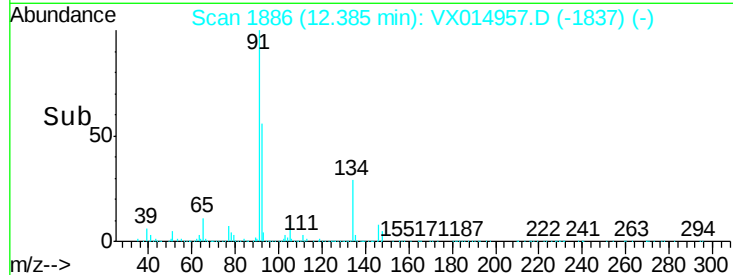
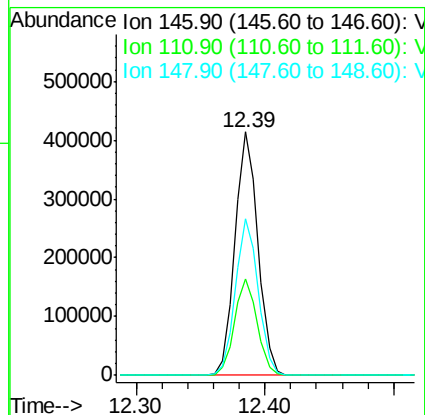
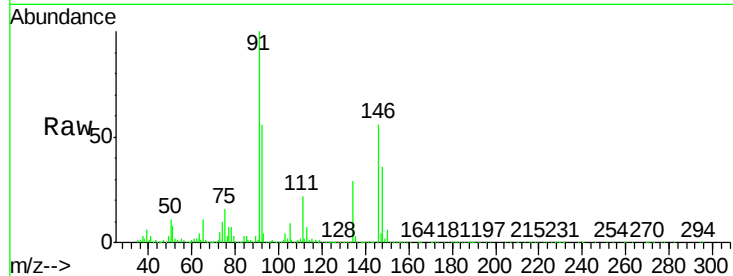
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	517379
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.8	59.3
148	63.7	32.4	97.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.427 ug/l

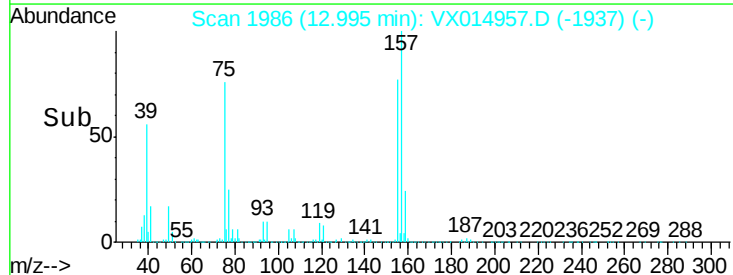
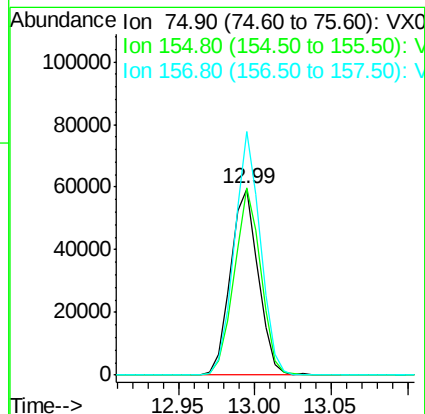
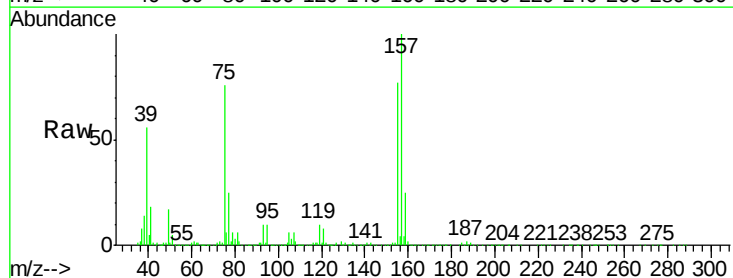
RT: 12.99 min Scan# 1986

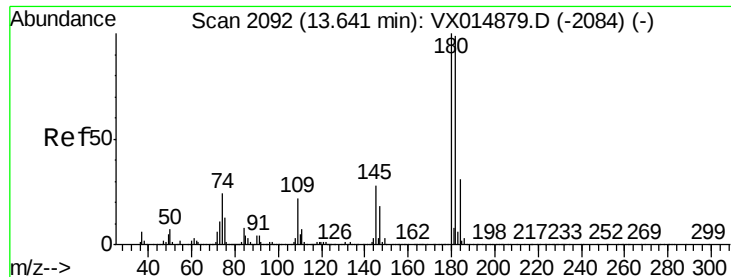
Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion:	75	Resp:	74266
Ion Ratio	Lower	Upper	
75	100		
155	96.8	48.6	145.9
157	123.2	62.0	186.0





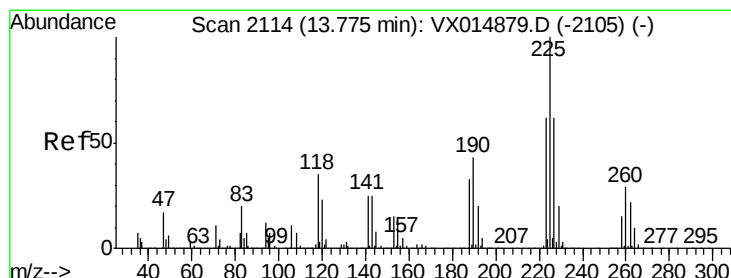
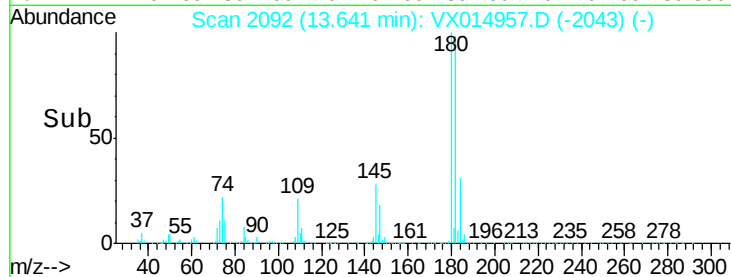
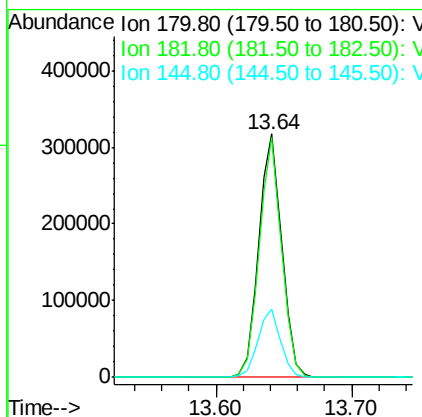
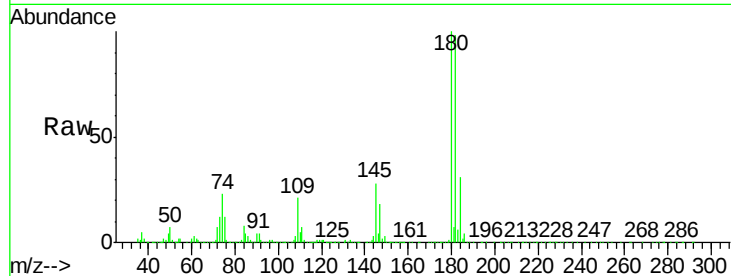
#93
 1,2,4-Trichlorobenzene
 Concen: 51.276 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	379464		
182	95.2	48.4	145.3	
145	27.6	14.1	42.4	

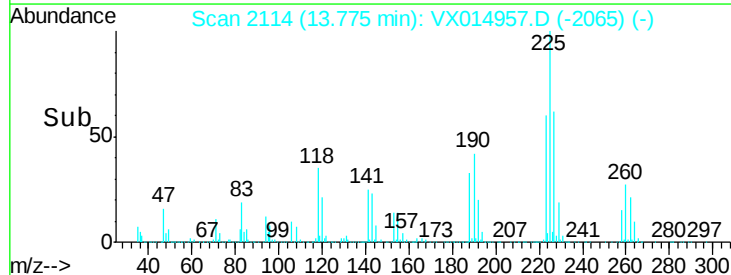
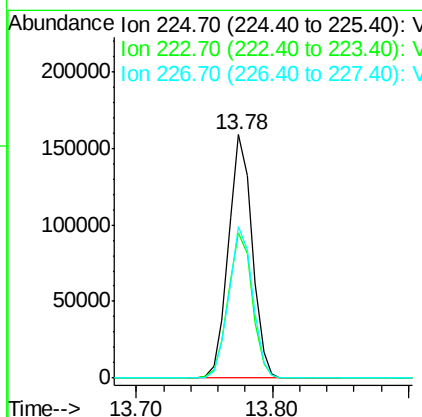
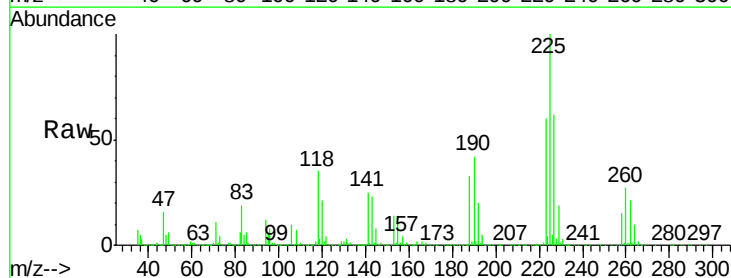
Manual Integrations
 APPROVED

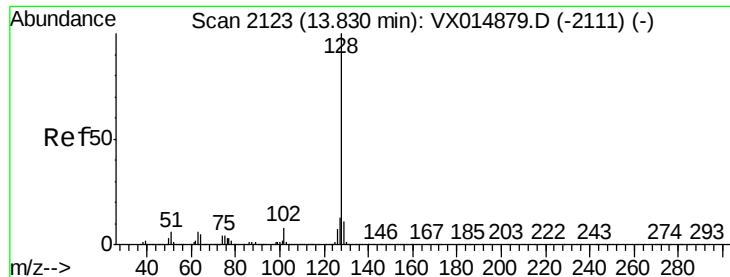
MMDadoda
 2/20/2020 1:41:21 PM



#94
 Hexachlorobutadiene
 Concen: 53.677 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	192134		
223	60.8	31.1	93.2	
227	62.5	30.9	92.5	





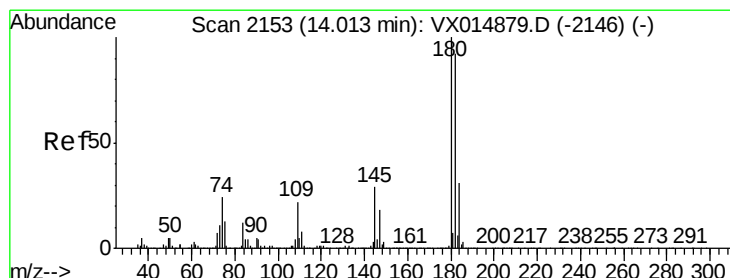
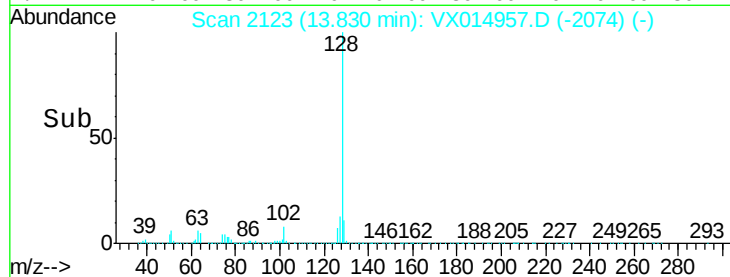
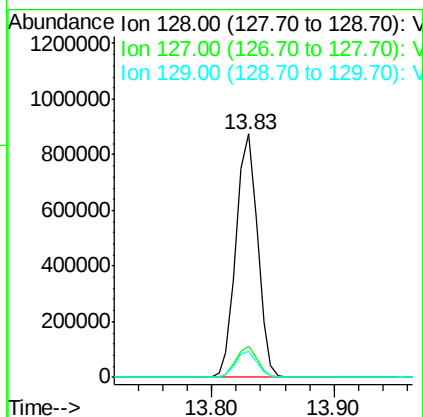
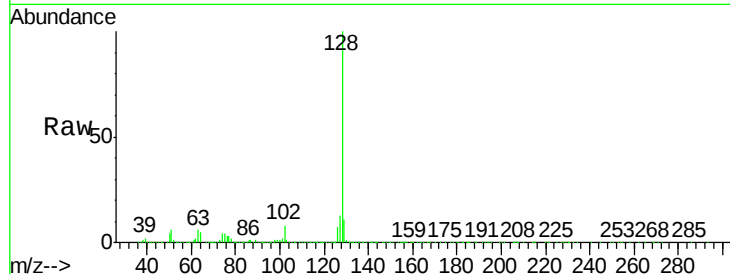
#95
Naphthalene
Concen: 54.127 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/20/2020 1:41:21 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.004 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.6
145	29.9	14.5	43.5

