

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021120\
 Data File : VX014904.D
 Acq On : 11 Feb 2020 09:50
 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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 2/12/2020 3:04:08 PM

Quant Time: Feb 12 05:48:33 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	464414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	673649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	244922	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	5.48	113	202688	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	771819	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.13	95	282130	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	238642	54.260	ug/l	99
3) Chloromethane	1.32	50	251359	50.410	ug/l	100
4) Vinyl Chloride	1.40	62	267582	49.815	ug/l	99
5) Bromomethane	1.63	94	165571	47.620	ug/l	97
6) Chloroethane	1.72	64	165339	48.106	ug/l	99
7) Trichlorofluoromethane	1.92	101	378036	50.372	ug/l	100
8) Diethyl Ether	2.18	74	153455	49.309	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	217522	49.933	ug/l	100
10) Methyl Iodide	2.50	142	250028	51.354	ug/l	99
11) Tert butyl alcohol	3.02	59	230766	249.364	ug/l	100
12) 1,1-Dichloroethene	2.37	96	212196	49.849	ug/l	97
13) Acrolein	2.28	56	149393	211.809	ug/l	98
14) Allyl chloride	2.72	41	363969	48.226	ug/l	99
15) Acrylonitrile	3.13	53	566995	241.684	ug/l	99
16) Acetone	2.43	43	702375	249.446	ug/l	98
17) Carbon Disulfide	2.56	76	572524	48.137	ug/l	100
18) Methyl Acetate	2.76	43	252792	47.889	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	696160	50.251	ug/l	98
20) Methylene Chloride	2.85	84	233524	46.316	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	227298	48.392	ug/l	98
22) Diisopropyl ether	3.84	45	721628	50.063	ug/l	89
23) Vinyl Acetate	3.80	43	3140600	264.302	ug/l	100
24) 1,1-Dichloroethane	3.69	63	402105	49.428	ug/l	99
25) 2-Butanone	4.65	43	890148	249.463	ug/l	98
26) 2,2-Dichloropropane	4.57	77	344138	49.086	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	256752	48.900	ug/l	99
28) Bromochloromethane	5.00	49	158217	50.175	ug/l	99
29) Tetrahydrofuran	5.11	42	508990	250.928	ug/l	99
30) Chloroform	5.20	83	400691	49.643	ug/l	97
31) Cyclohexane	5.57	56	372901	50.326	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	352172	49.880	ug/l	99
36) 1,1-Dichloropropene	5.79	75	309683	51.391	ug/l	99
37) Ethyl Acetate	4.81	43	319775	50.879	ug/l	100
38) Carbon Tetrachloride	5.77	117	306752	52.235	ug/l	99

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 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)
39) Methylcyclohexane	7.45	83	395870	52.528	ug/l	99
40) Benzene	6.13	78	918529	51.016	ug/l	99
41) Methacrylonitrile	5.03	41	175524	51.840	ug/l	99
42) 1,2-Dichloroethane	6.18	62	326269	50.138	ug/l	99
43) Isopropyl Acetate	6.43	43	534284	51.532	ug/l	99
44) Trichloroethene	7.20	130	259194	49.590	ug/l	98
45) 1,2-Dichloropropane	7.50	63	232828	50.706	ug/l	100
46) Dibromomethane	7.65	93	157328	50.125	ug/l	99
47) Bromodichloromethane	7.89	83	315220	50.651	ug/l	98
48) Methyl methacrylate	7.76	41	266505	52.231	ug/l	99
49) 1,4-Dioxane	7.73	88	105679	1107.756	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1612696	257.603	ug/l	100
52) Toluene	8.78	92	589058	51.512	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	354007	51.904	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	387609	51.444	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	232653	50.286	ug/l	99
56) Ethyl methacrylate	9.17	69	370128	53.224	ug/l	100
57) 1,3-Dichloropropane	9.36	76	391037	50.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	865061	237.858	ug/l	100
59) 2-Hexanone	9.48	43	1303176	264.832	ug/l	99
60) Dibromochloromethane	9.57	129	256247	51.466	ug/l	98
61) 1,2-Dibromoethane	9.67	107	247059	49.491	ug/l	99
64) Tetrachloroethene	9.33	164	278330	47.921	ug/l	97
65) Chlorobenzene	10.13	112	640663	50.847	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	240187	52.508	ug/l	99
67) Ethyl Benzene	10.25	91	1130816	52.772	ug/l	100
68) m/p-Xylenes	10.36	106	870131	105.408	ug/l	100
69) o-Xylene	10.69	106	416877	52.535	ug/l	100
70) Styrene	10.71	104	718231	53.502	ug/l	100
71) Bromoform	10.85	173	198873	52.086	ug/l	99
73) Isopropylbenzene	11.01	105	1124110	53.805	ug/l	100
74) N-amyl acetate	10.89	43	468966	54.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	349003	51.102	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	294090m	48.816	ug/l	
77) Bromobenzene	11.25	156	296668	50.875	ug/l	99
78) n-propylbenzene	11.35	91	1282485	53.074	ug/l	100
79) 2-Chlorotoluene	11.42	91	745816	52.501	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	941358	53.925	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	120921	51.377	ug/l	97
82) 4-Chlorotoluene	11.51	91	872691	51.875	ug/l	100
83) tert-Butylbenzene	11.76	119	900755	54.490	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	952237	54.128	ug/l	99
85) sec-Butylbenzene	11.94	105	1101168	53.622	ug/l	100
86) p-Isopropyltoluene	12.06	119	1027104	53.447	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	533656	51.013	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	526522	49.287	ug/l	100
89) n-Butylbenzene	12.39	91	895015	52.003	ug/l	99
90) Hexachloroethane	12.59	117	180496	53.783	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	525837	51.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76899	47.995	ug/l	99

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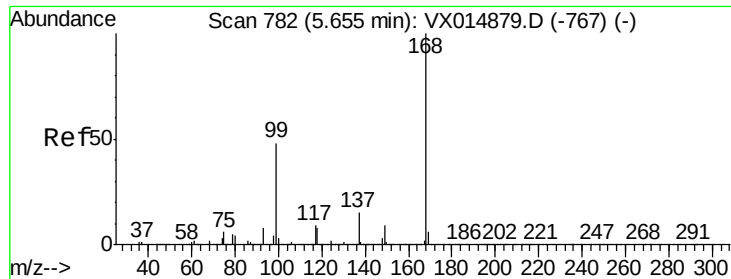
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	382547	50.520	ug/l	100
94) Hexachlorobutadiene	13.78	225	187306	51.141	ug/l	97
95) Naphthalene	13.83	128	1089271	54.103	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	378654	51.759	ug/l	99

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



#1

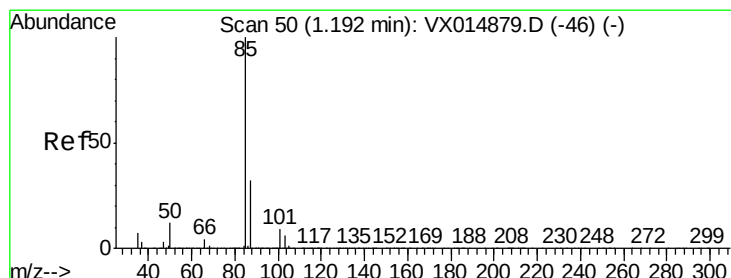
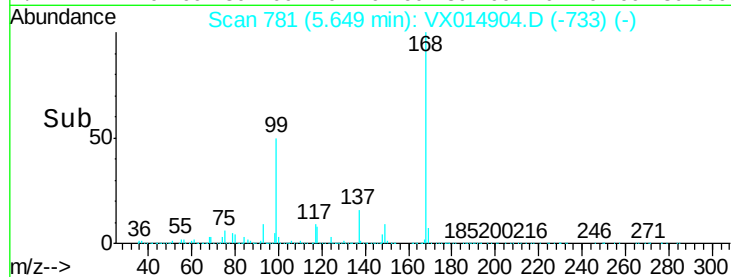
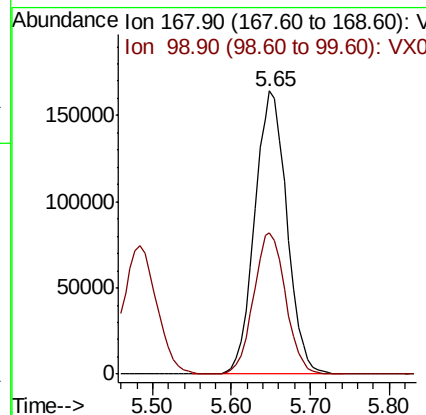
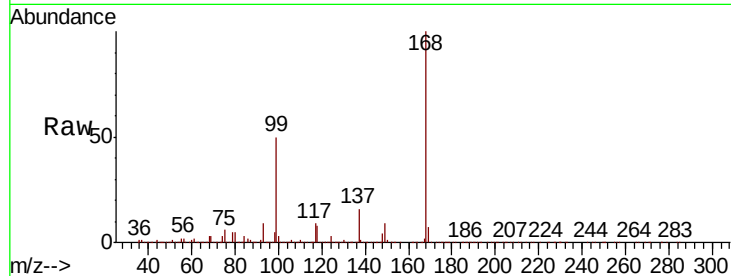
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.9	38.7	58.1

Manual Integrations
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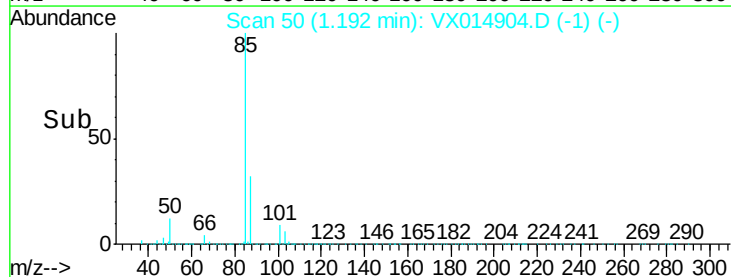
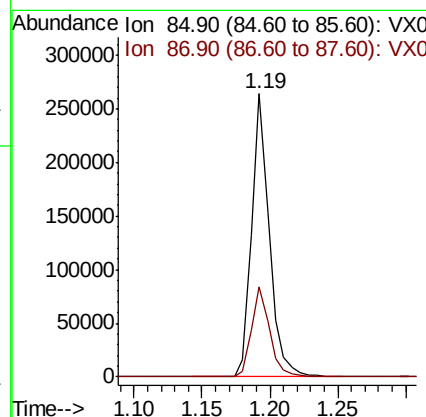
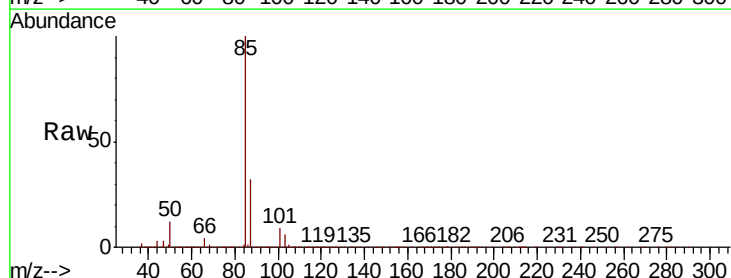
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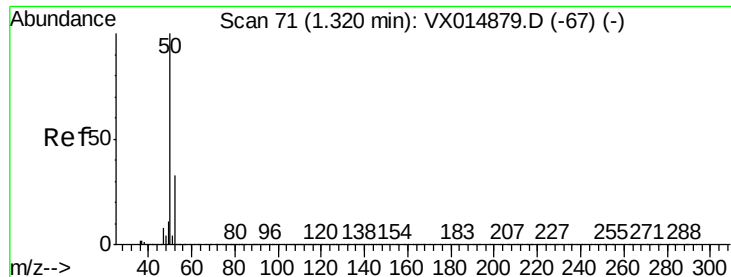


#2

Dichlorodifluoromethane
 Concen: 54.260 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.1	48.2





#3

Chloromethane

Concen: 50.410 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 251359

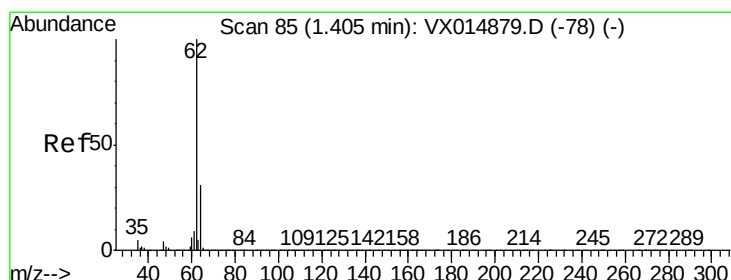
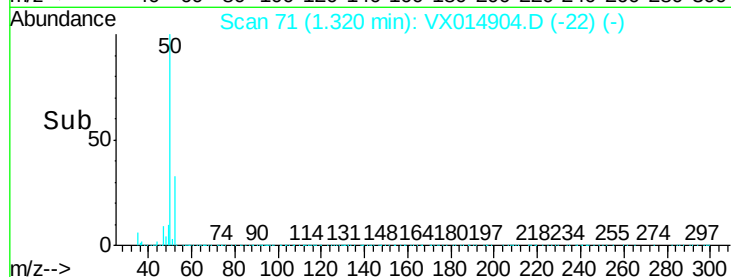
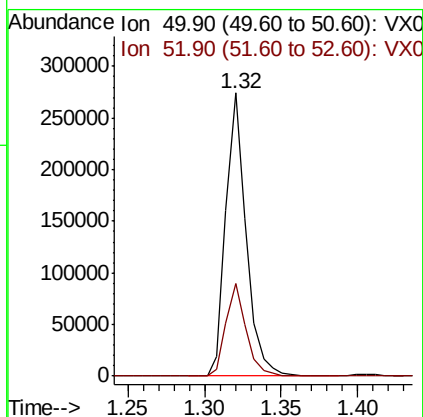
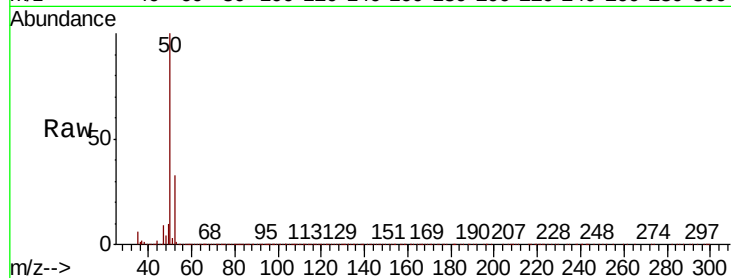
Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2

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#4

Vinyl Chloride

Concen: 49.815 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014904.D

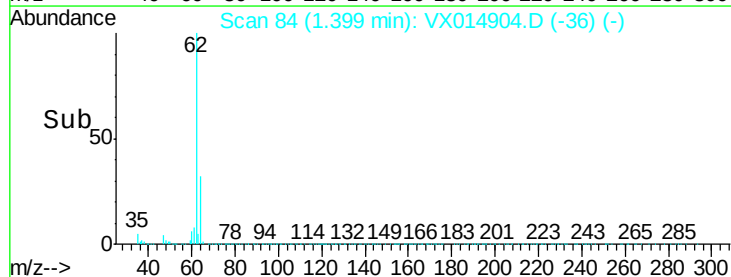
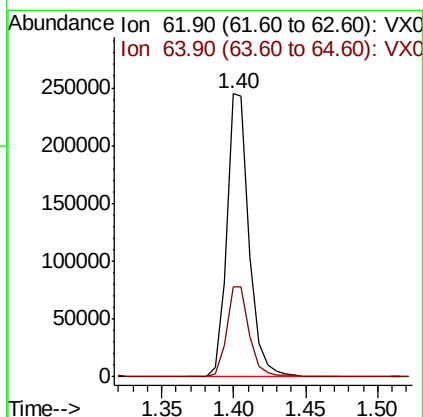
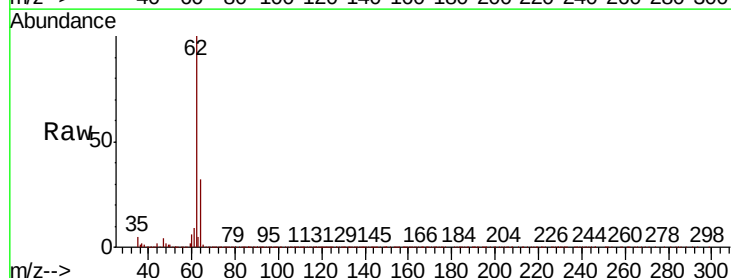
Acq: 11 Feb 2020 09:50

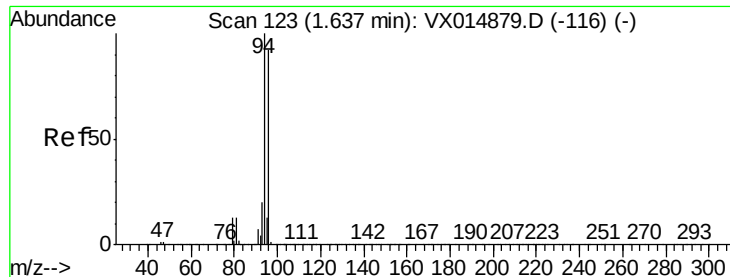
Tgt Ion: 62 Resp: 267582

Ion Ratio Lower Upper

62 100

64 31.5 24.8 37.2





#5

Bromomethane

Concen: 47.620 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 165571

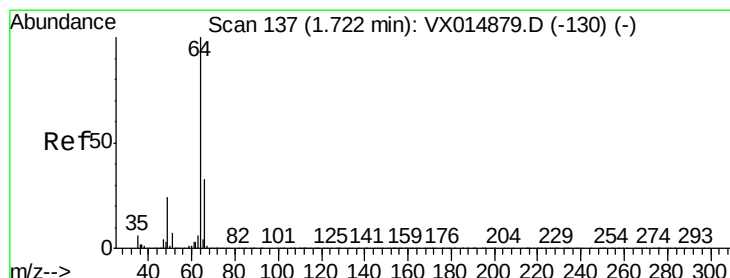
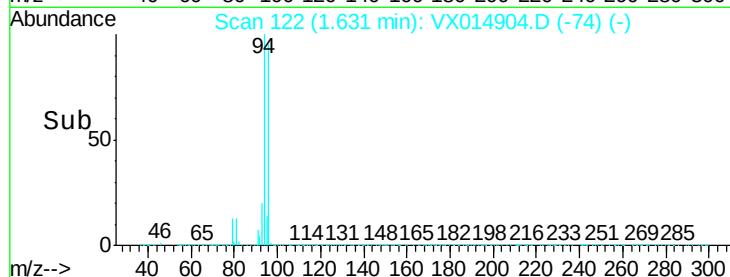
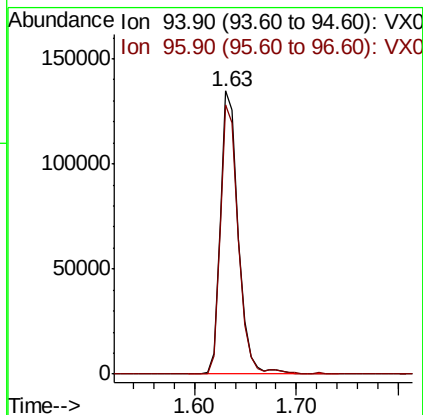
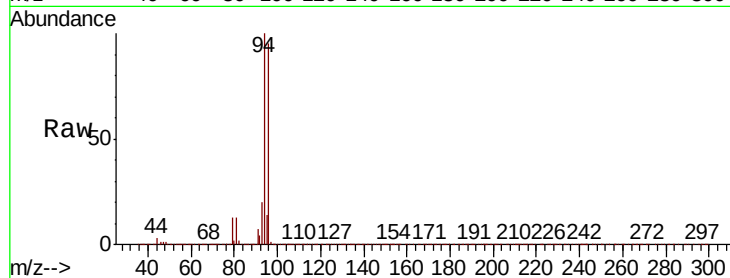
Ion Ratio Lower Upper

94 100

96 95.0 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 48.106 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014904.D

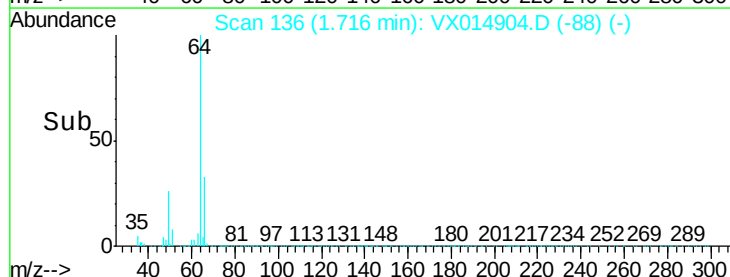
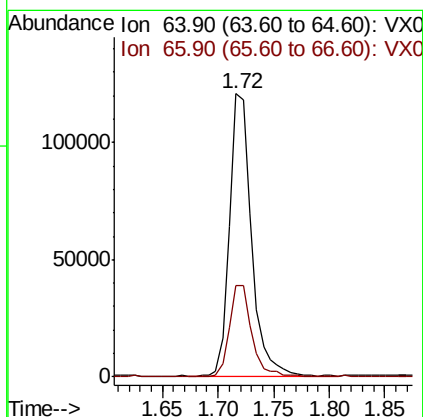
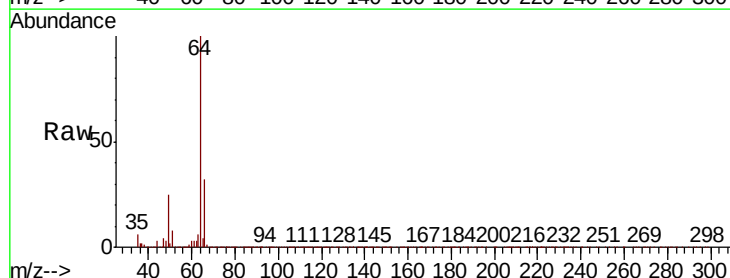
Acq: 11 Feb 2020 09:50

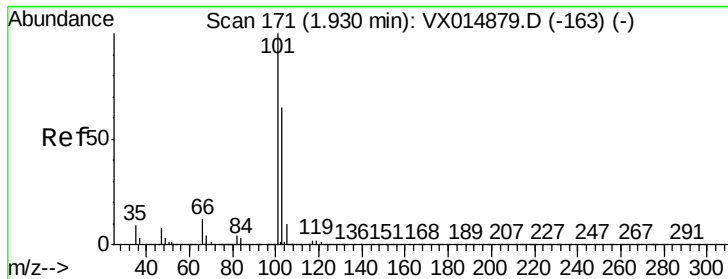
Tgt Ion: 64 Resp: 165339

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.4





#7

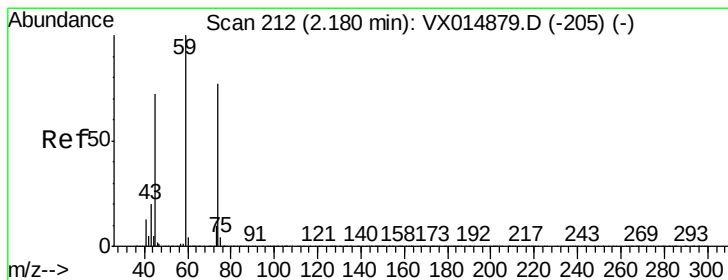
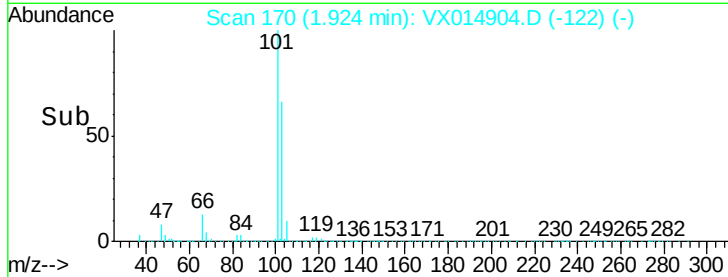
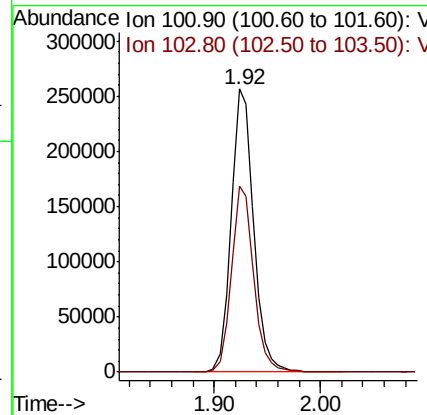
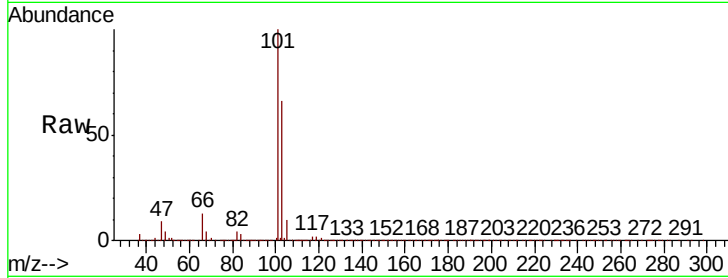
Trichlorofluoromethane
 Concen: 50.372 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.2	78.4

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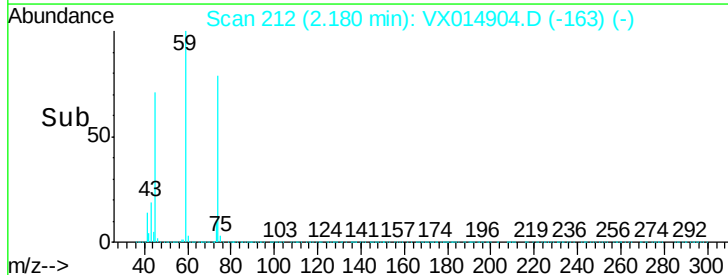
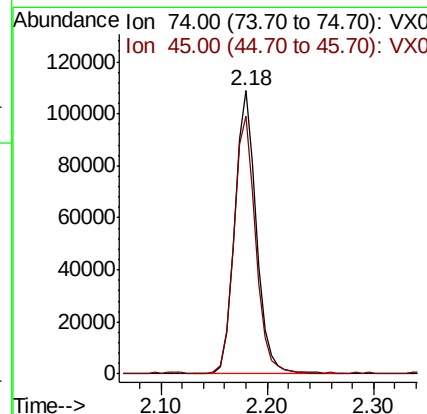
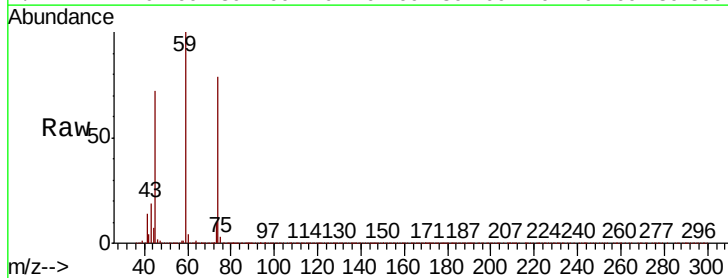
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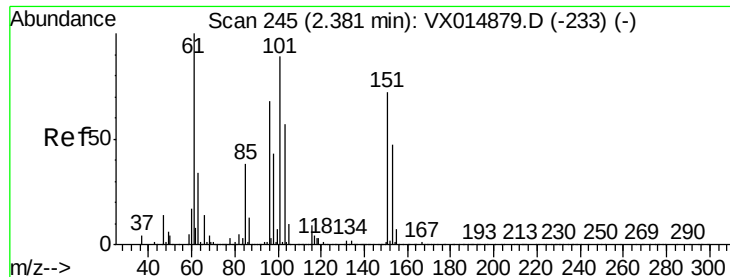


#8

Diethyl Ether
 Concen: 49.309 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.3	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.933 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

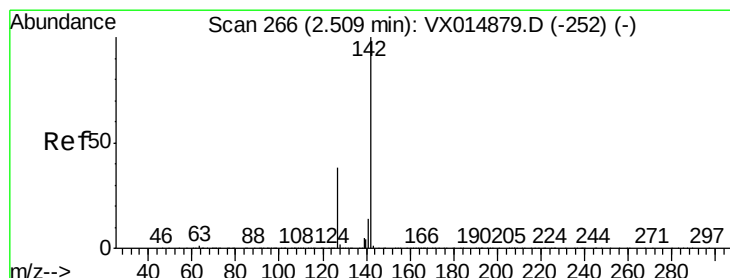
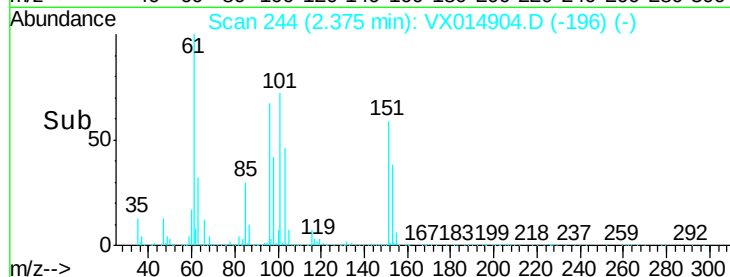
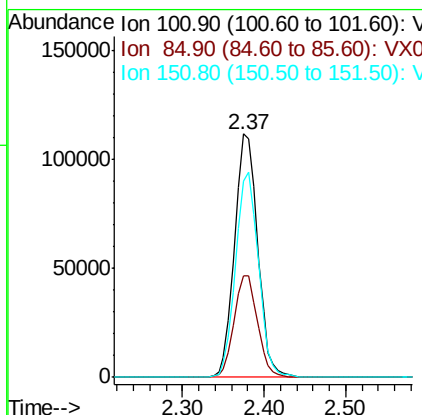
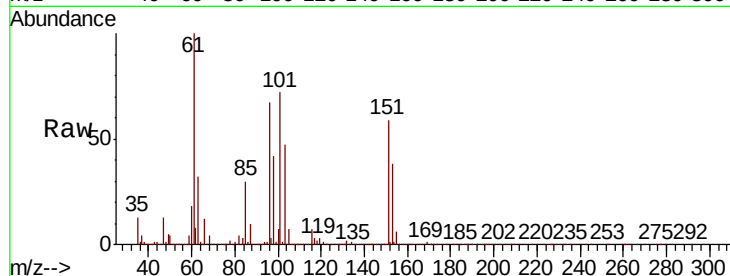
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	217522
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.1	51.1
151	83.7	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 51.354 ug/l

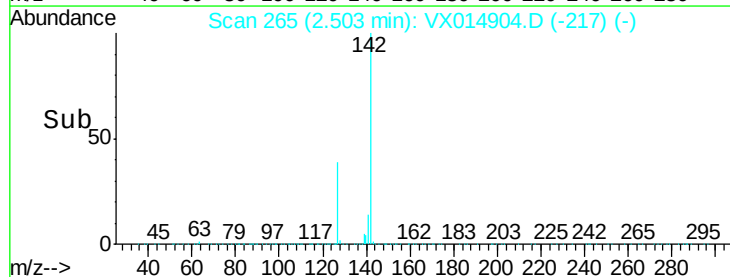
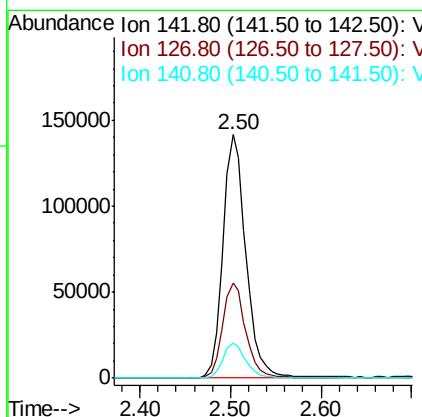
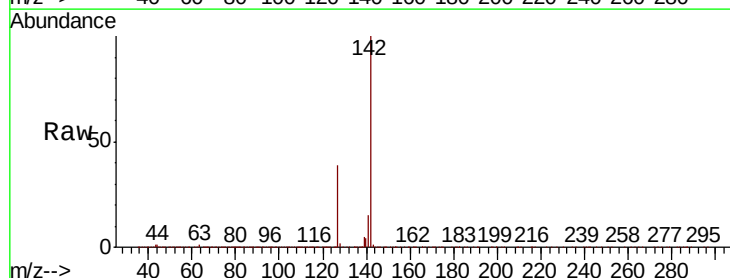
RT: 2.50 min Scan# 265

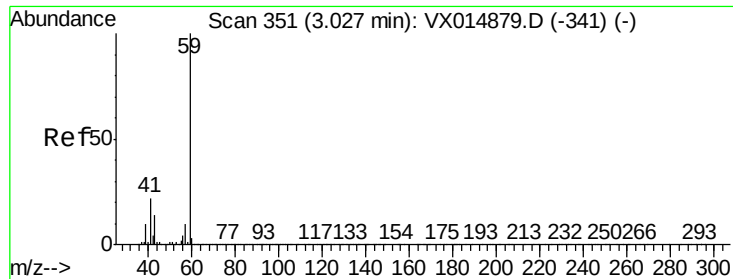
Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion:	142	Resp:	250028
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.1	46.7
141	14.4	11.3	16.9





#11

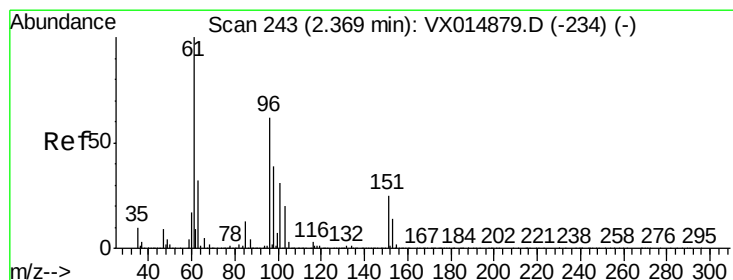
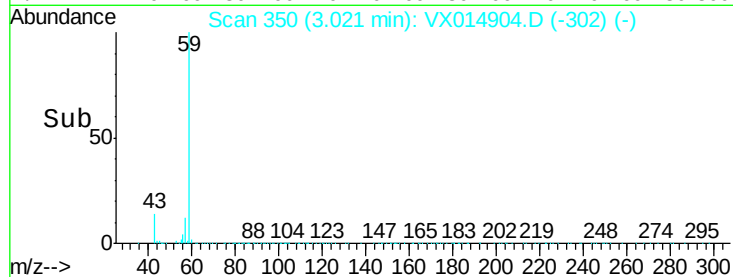
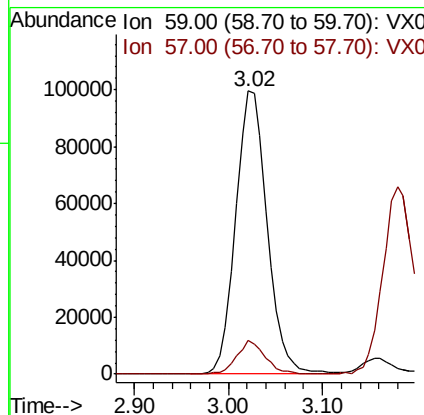
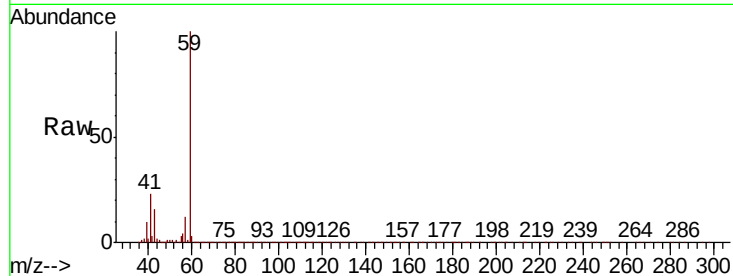
Tert butyl alcohol
Concen: 249.364 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
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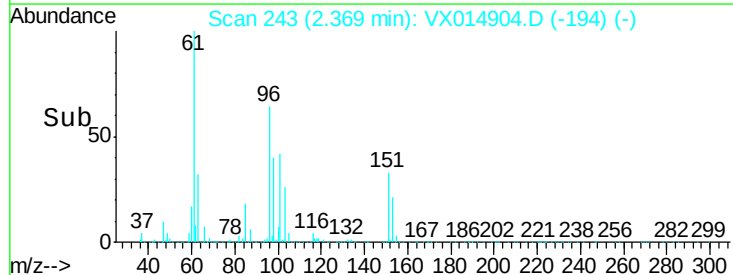
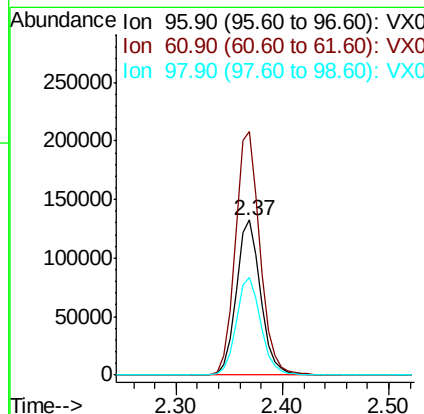
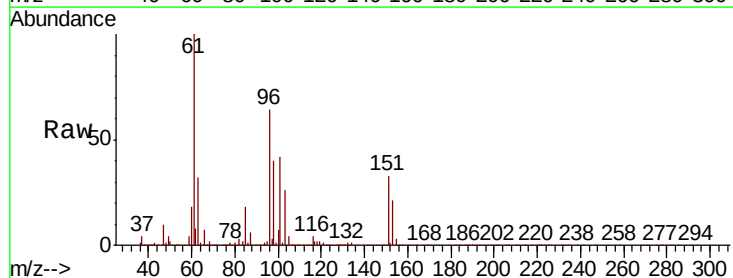
MMDadoda
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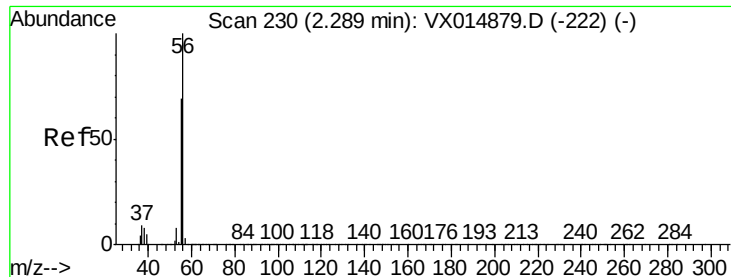


#12

1,1-Dichloroethene
Concen: 49.849 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	129.5	194.3
98	62.5	50.6	76.0





#13

Acrolein

Concen: 211.809 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 149393

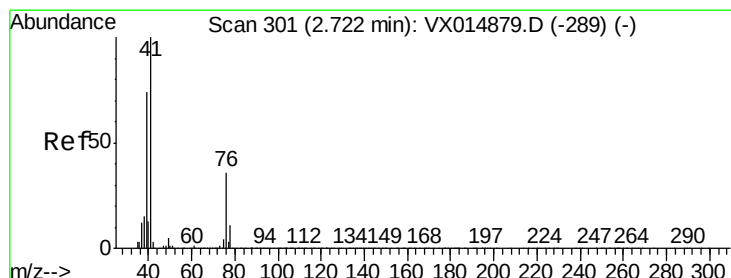
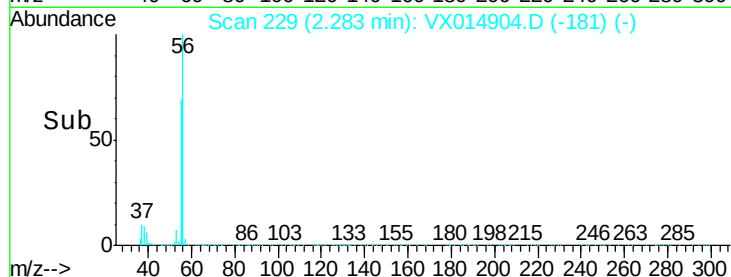
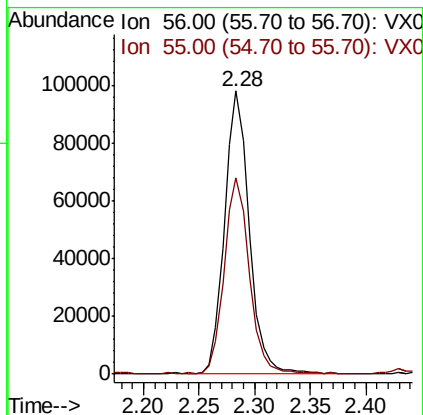
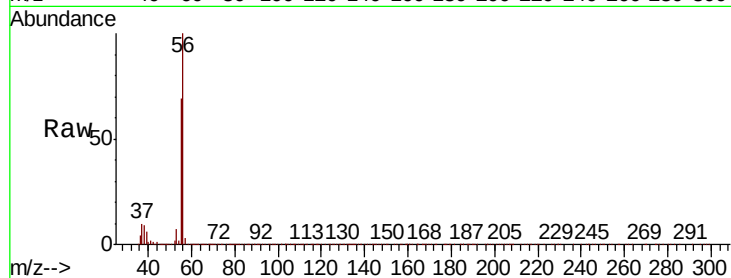
Ion Ratio Lower Upper

56 100

55 70.6 55.0 82.4

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#14

Allyl chloride

Concen: 48.226 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

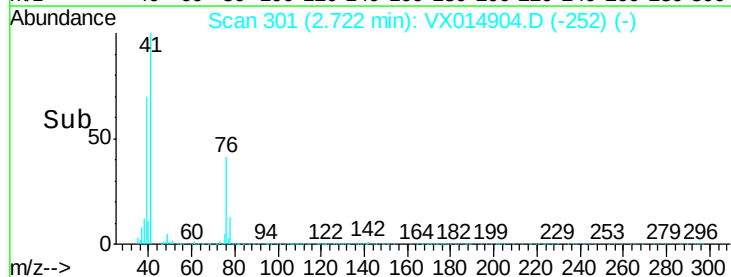
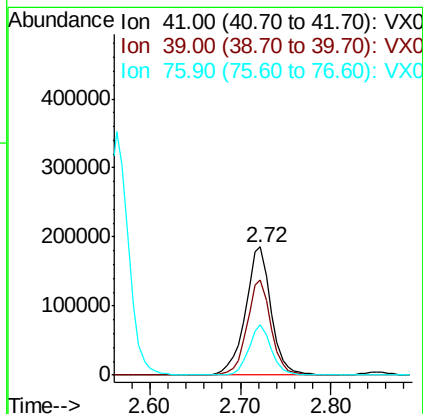
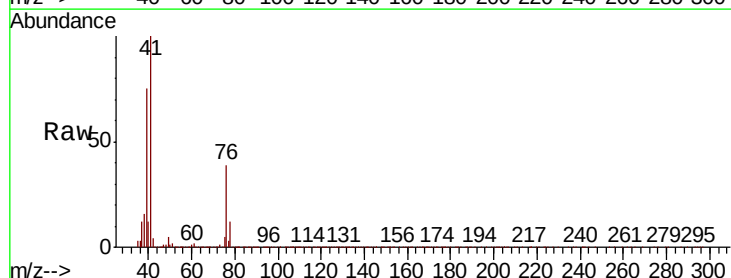
Tgt Ion: 41 Resp: 363969

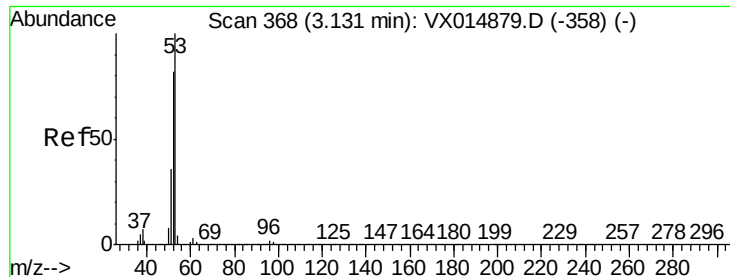
Ion Ratio Lower Upper

41 100

39 68.5 55.2 82.8

76 33.9 26.8 40.2





#15

Acrylonitrile

Concen: 241.684 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

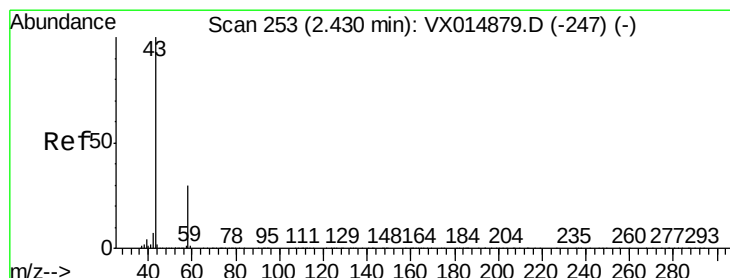
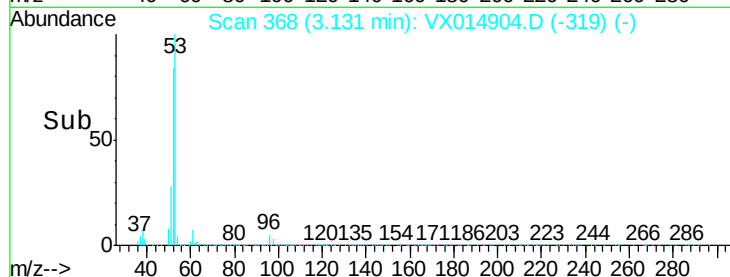
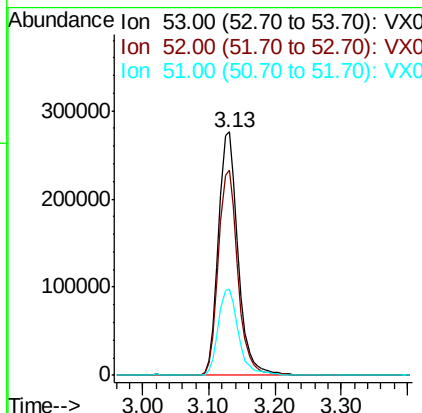
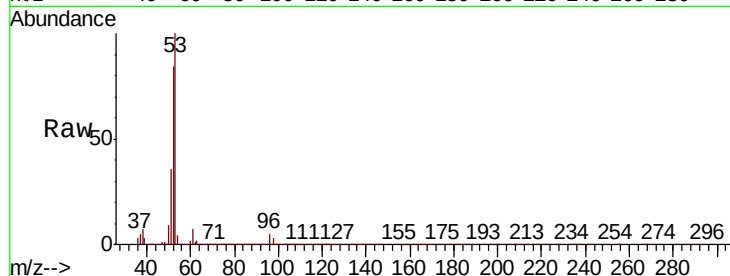
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	566995
Ion Ratio		Lower	Upper
53	100		
52	83.2	65.8	98.6
51	36.4	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 249.446 ug/l

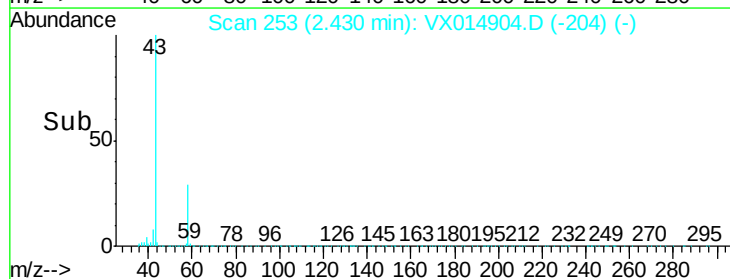
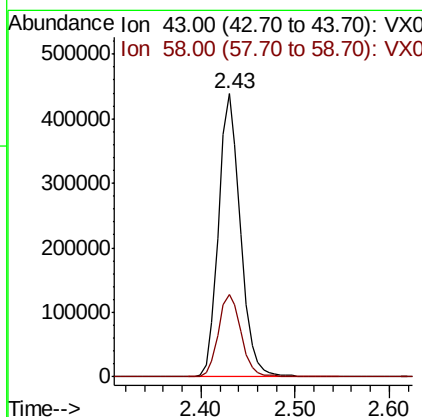
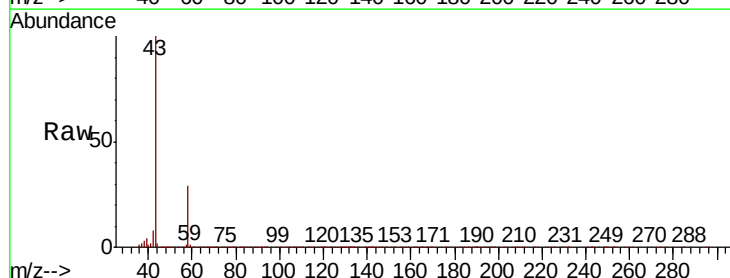
RT: 2.43 min Scan# 253

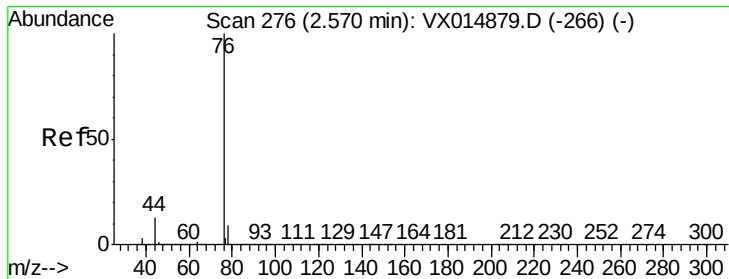
Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion:	43	Resp:	702375
Ion Ratio		Lower	Upper
43	100		
58	29.1	24.1	36.1





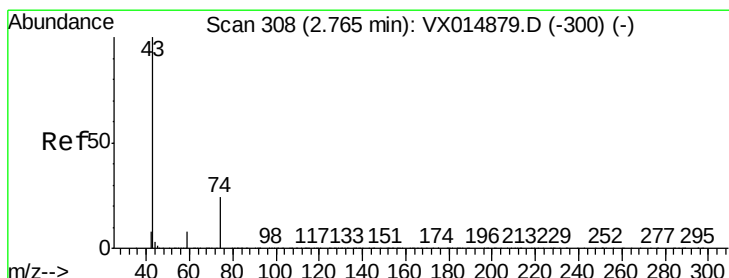
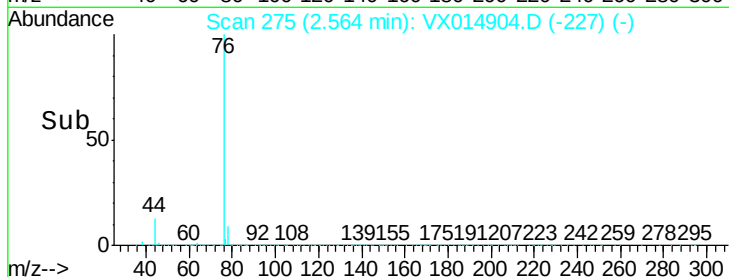
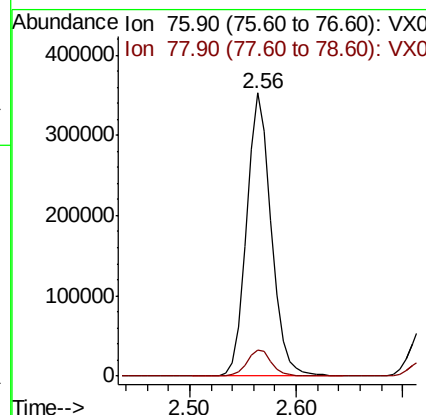
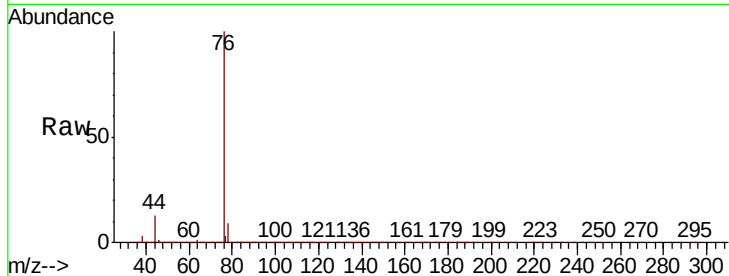
#17
Carbon Disulfide
Concen: 48.137 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

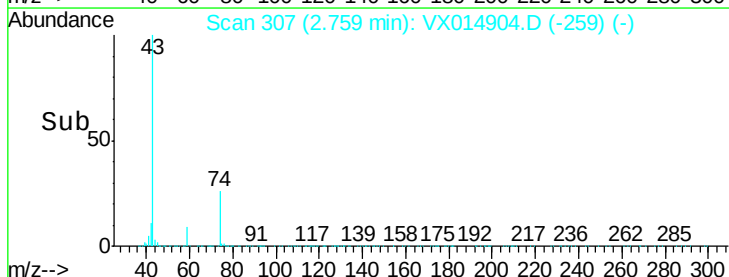
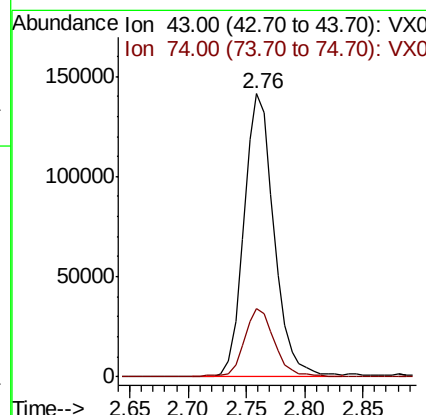
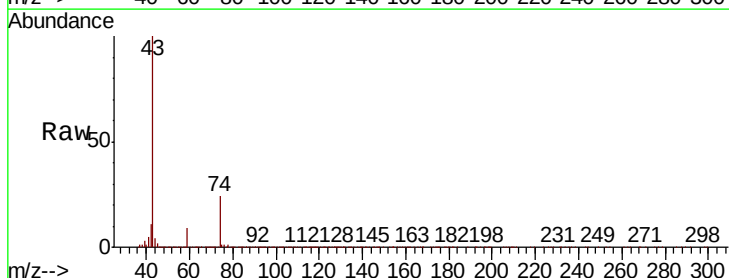
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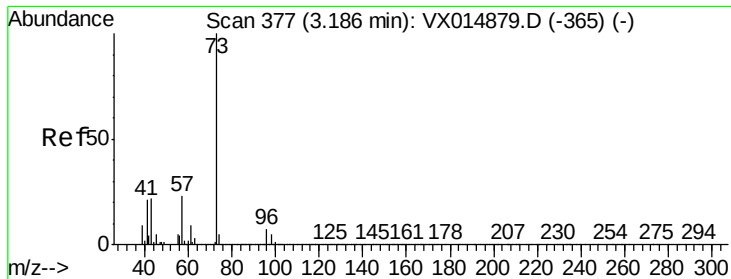
MMDadoda
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#18
Methyl Acetate
Concen: 47.889 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.4	29.0





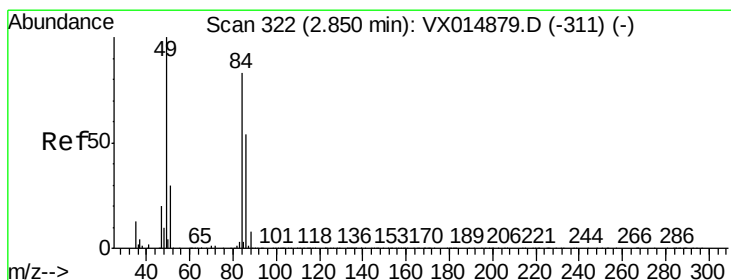
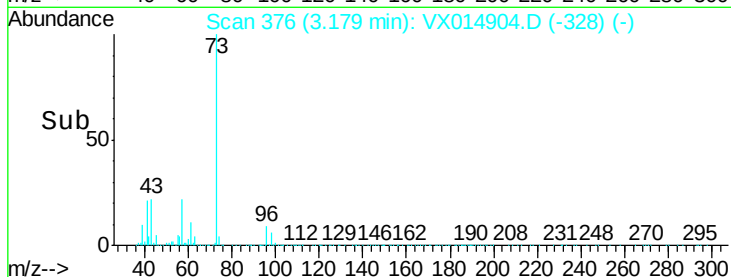
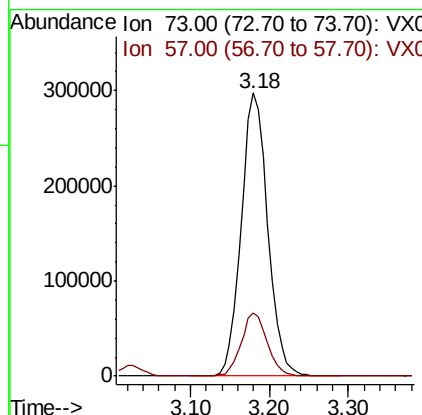
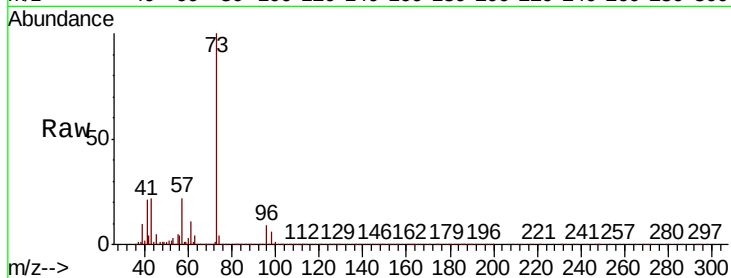
#19
Methyl tert-butyl Ether
Concen: 50.251 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.2	27.4

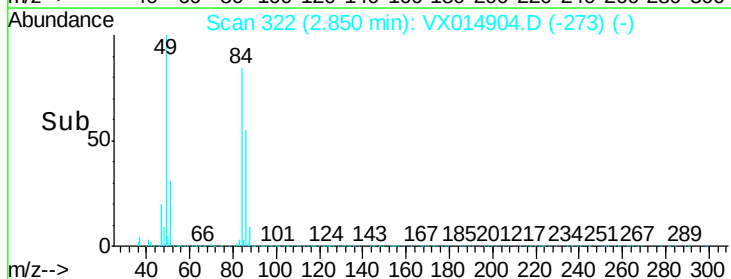
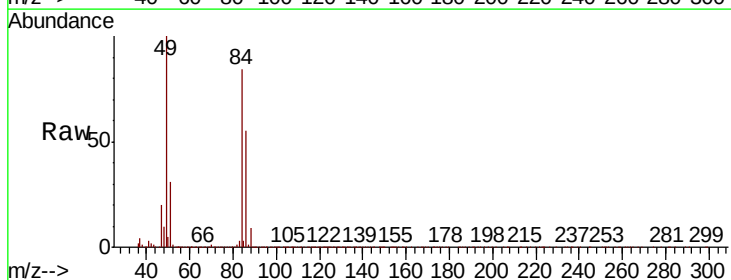
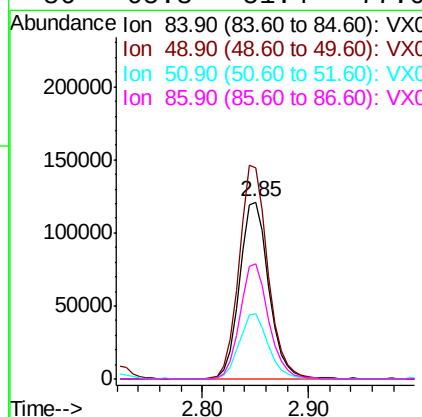
Manual Integrations
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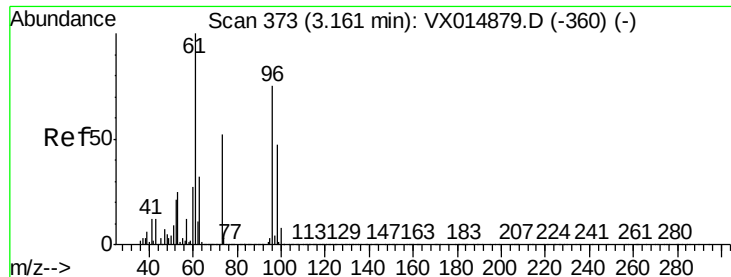
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#20
Methylene Chloride
Concen: 46.316 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.2	95.6	143.4
51	36.8	29.0	43.6
86	65.3	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 48.392 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

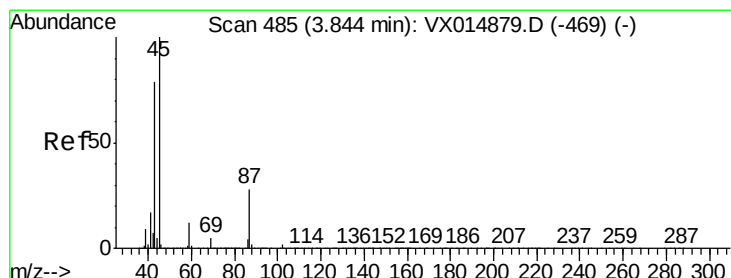
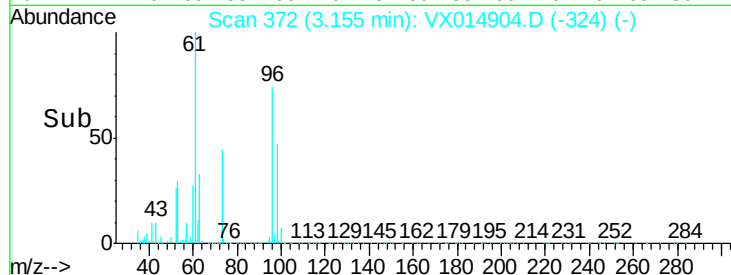
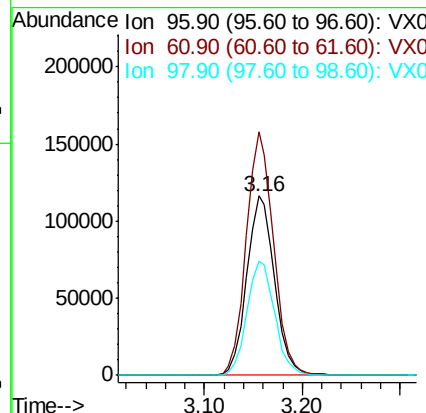
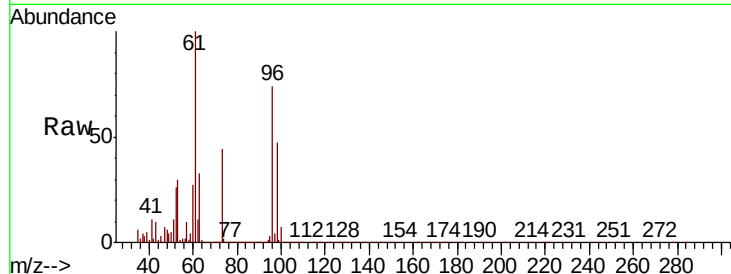
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	227298
Ion Ratio	Lower	Upper	
96	100		
61	135.9	106.9	160.3
98	64.0	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.063 ug/l

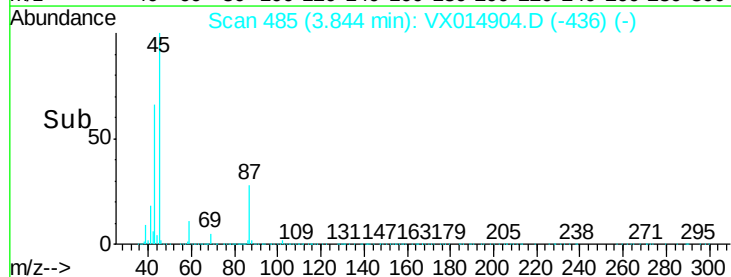
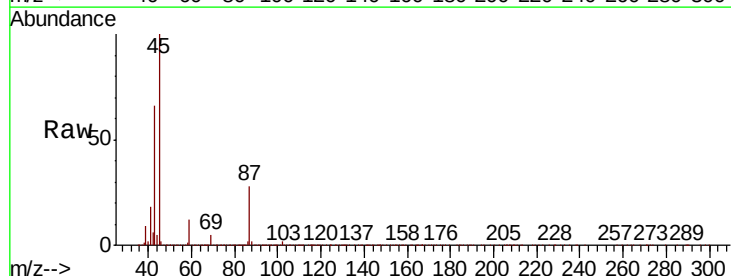
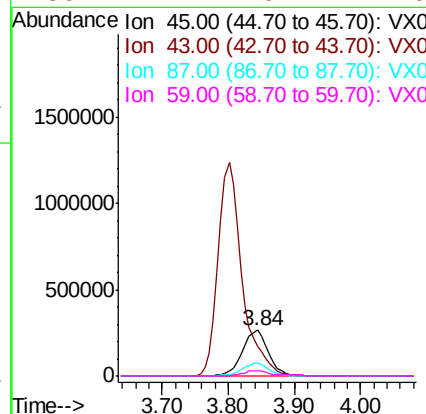
RT: 3.84 min Scan# 485

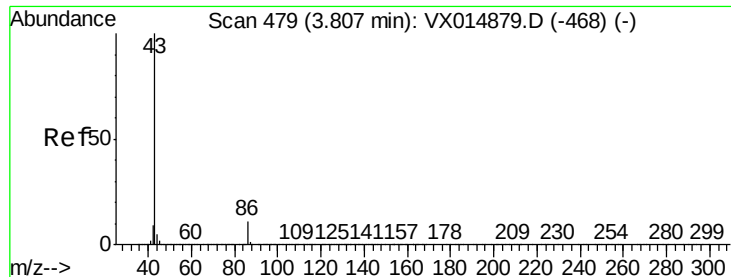
Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion:	45	Resp:	721628
Ion Ratio	Lower	Upper	
45	100		
43	65.6	63.5	95.3
87	27.7	22.2	33.4
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 264.302 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 3140600

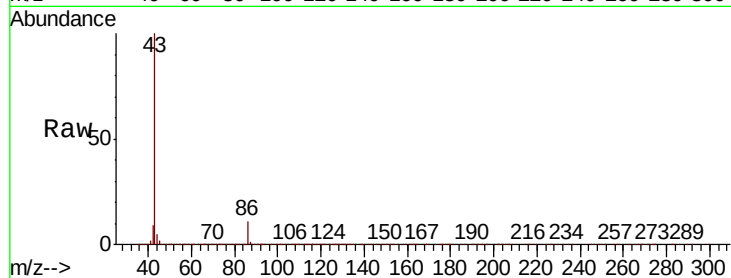
Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3

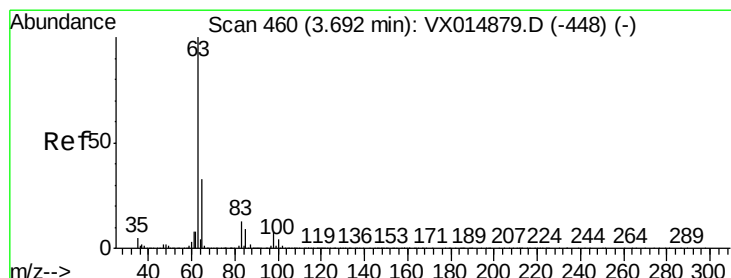
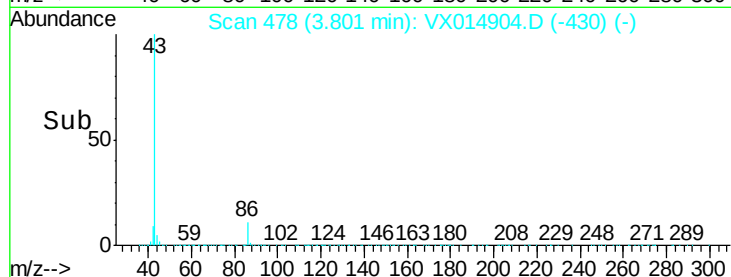
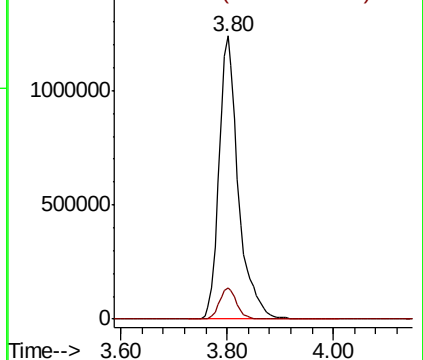
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.428 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

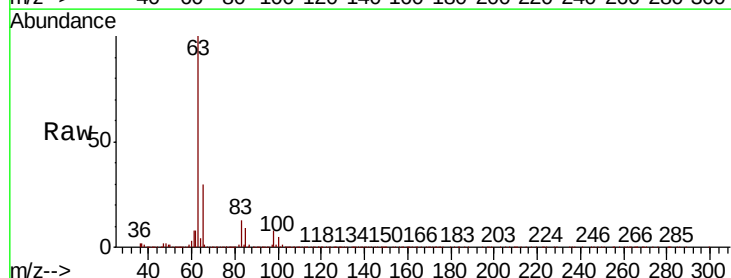
Tgt Ion: 63 Resp: 402105

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

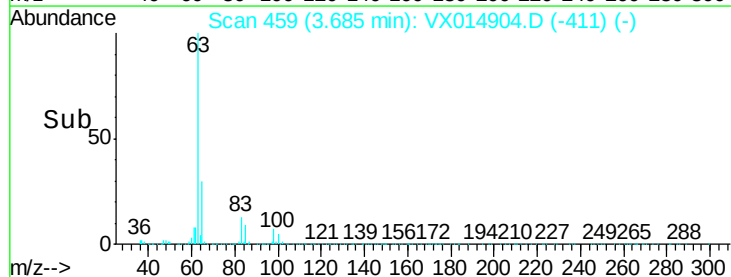
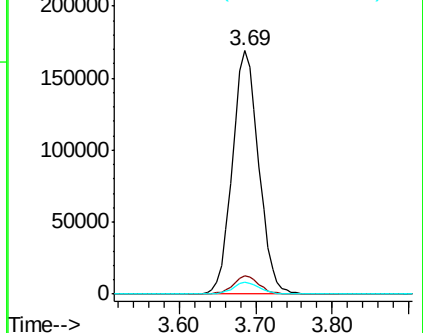
100 5.1 2.2 6.6

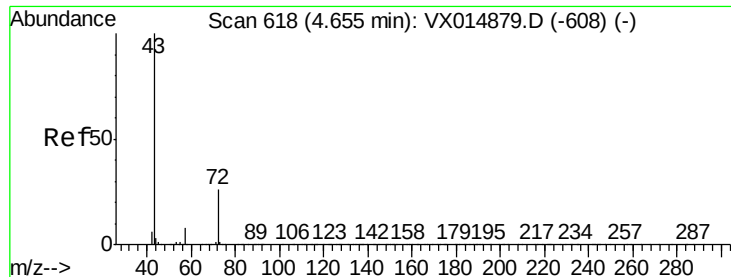


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.463 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 890148

Ion Ratio Lower Upper

43 100

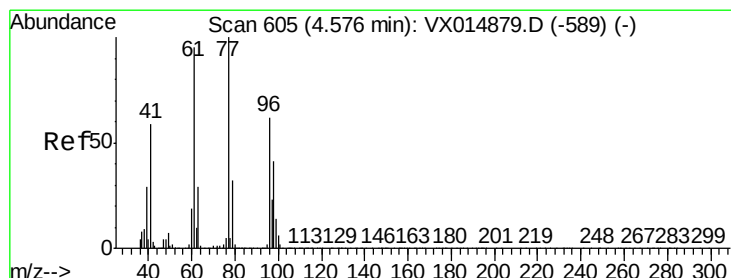
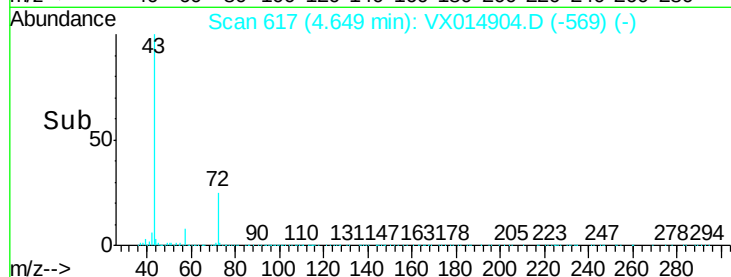
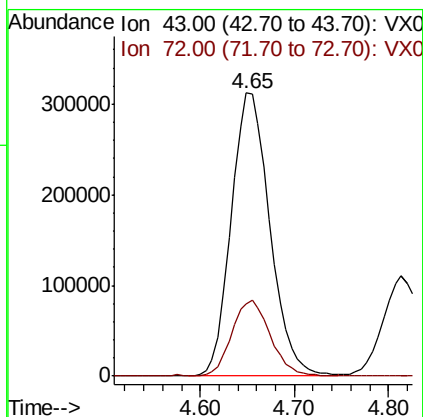
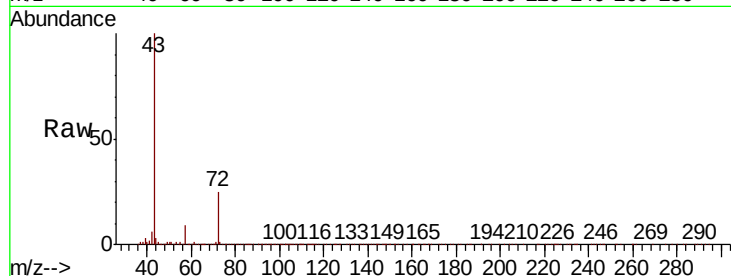
72 25.3 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.086 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014904.D

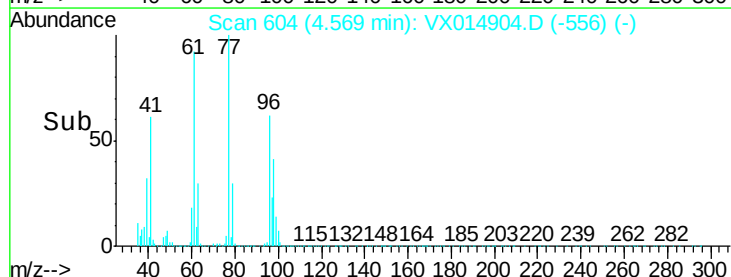
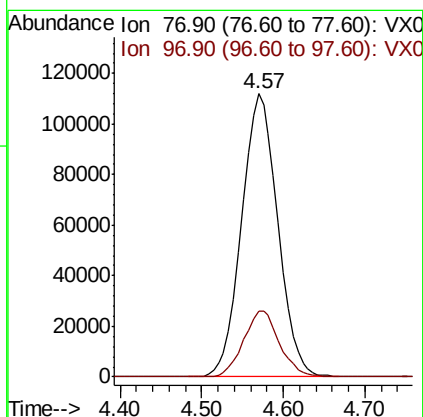
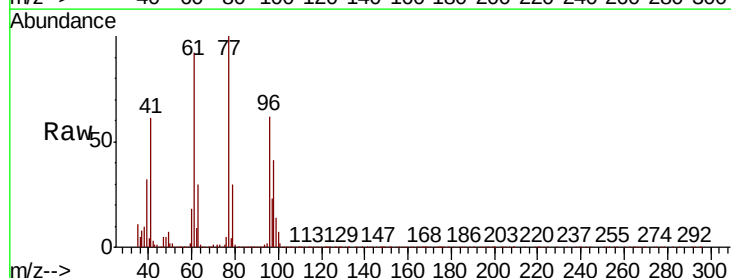
Acq: 11 Feb 2020 09:50

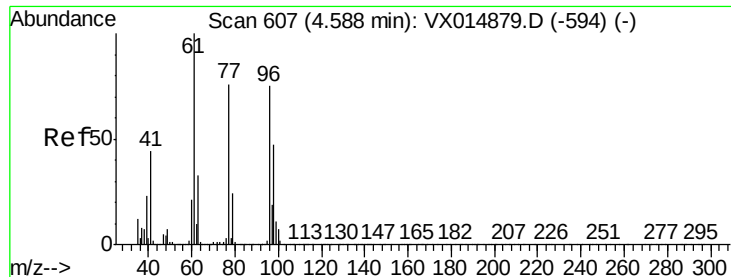
Tgt Ion: 77 Resp: 344138

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5





#27

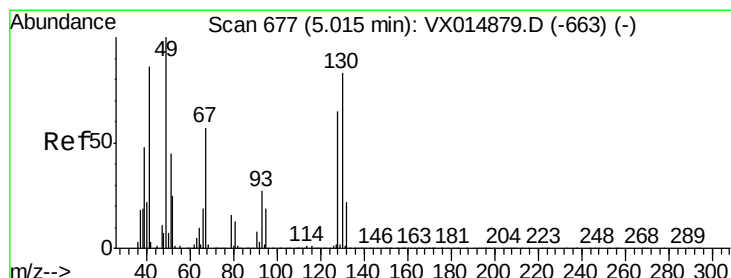
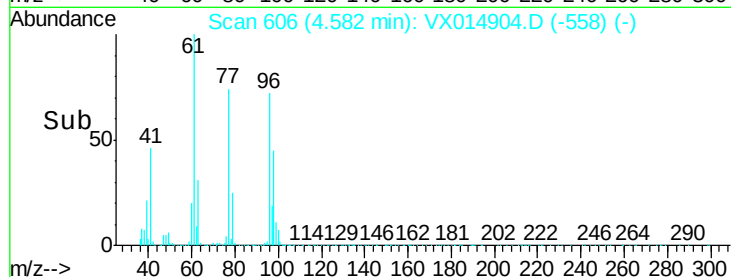
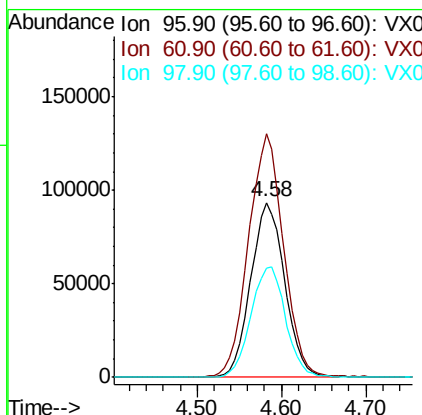
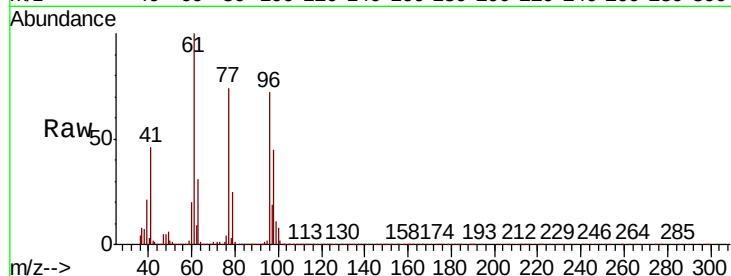
cis-1,2-Dichloroethene
Concen: 48.900 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.5	0.0	286.2	
98	64.4	0.0	131.0	

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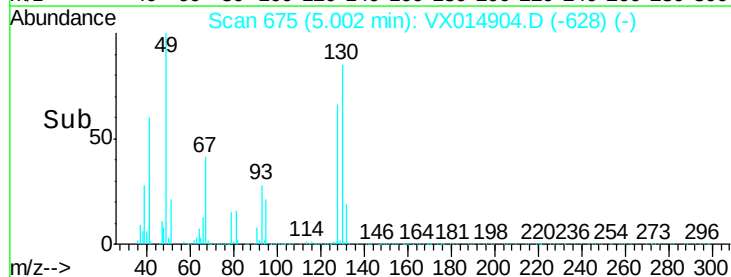
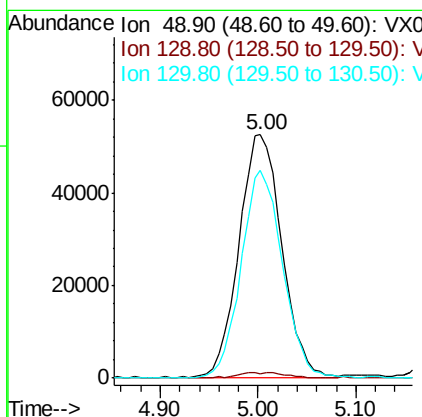
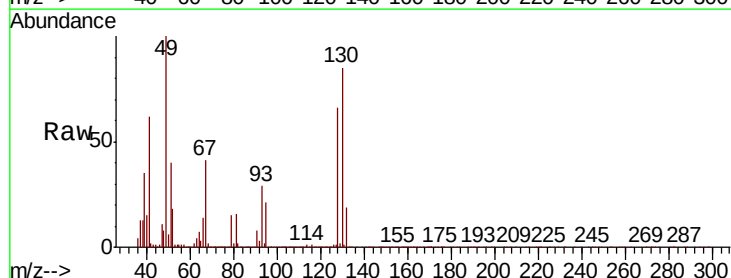
MMDadoda
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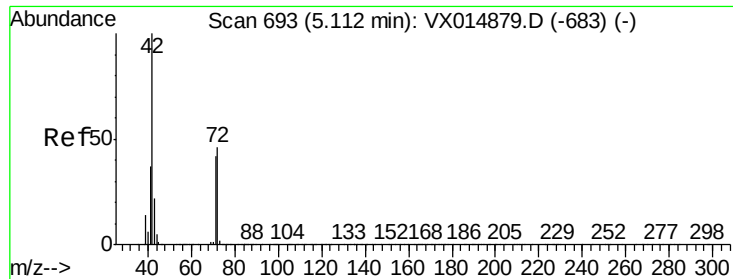


#28

Bromochloromethane
Concen: 50.175 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.3	0.0	5.2	
130	83.6	67.4	101.2	





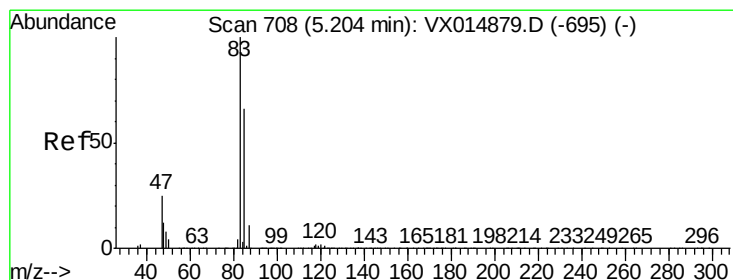
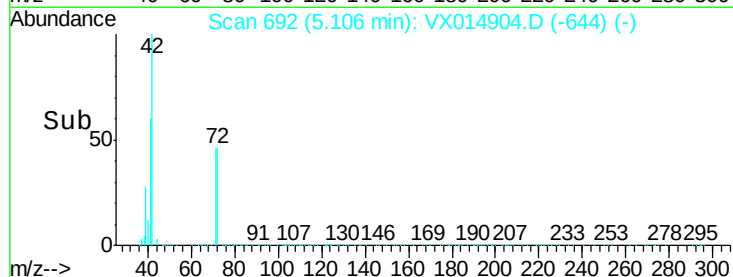
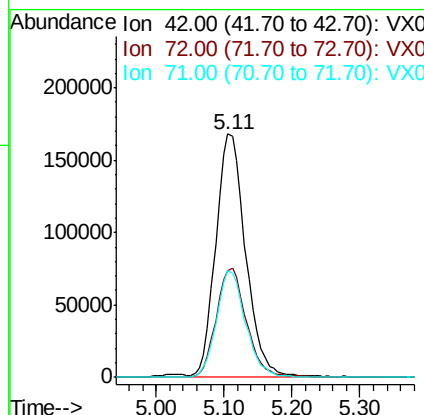
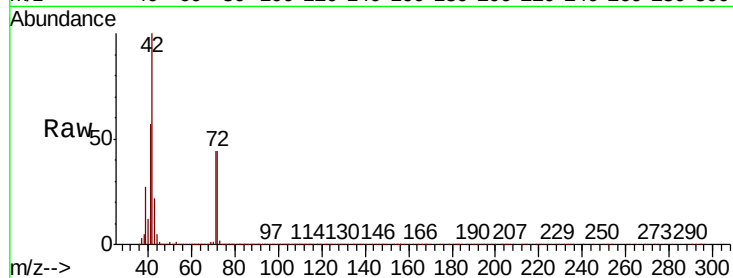
#29
Tetrahydrofuran
Concen: 250.928 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.9	55.3
71	43.0	34.1	51.1

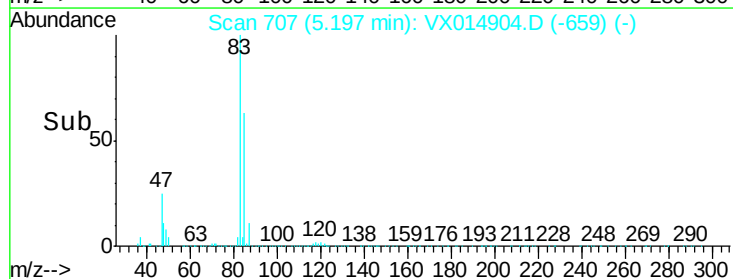
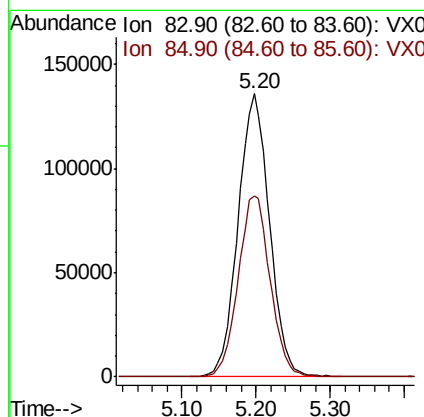
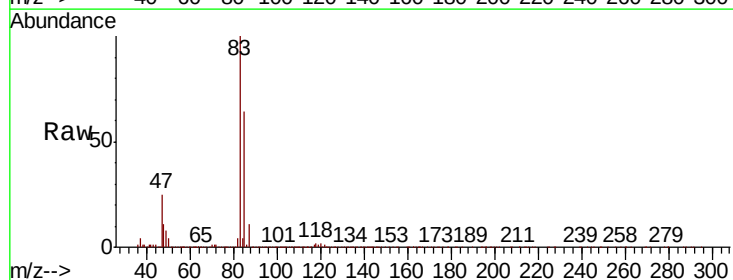
Manual Integrations
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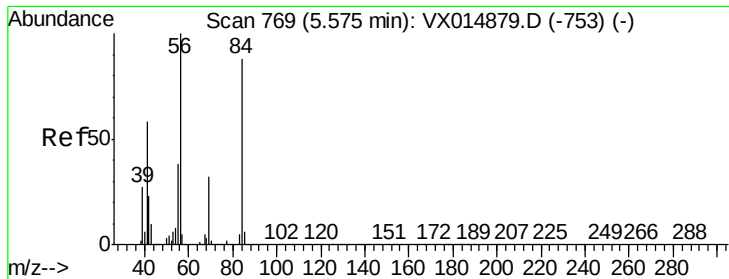
MMDadoda
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#30
Chloroform
Concen: 49.643 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.9	79.3





#31

Cyclohexane

Concen: 50.326 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

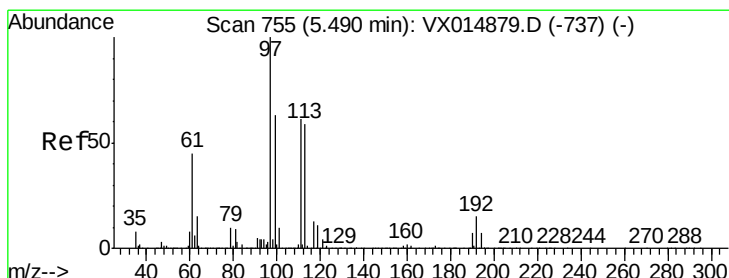
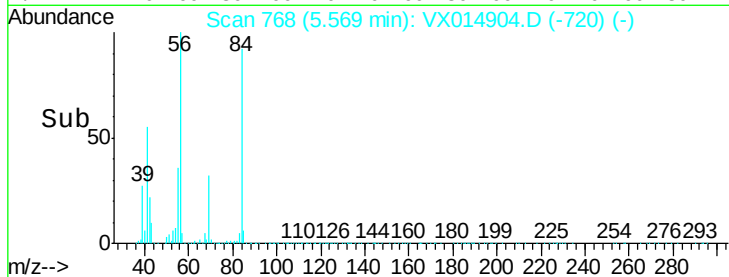
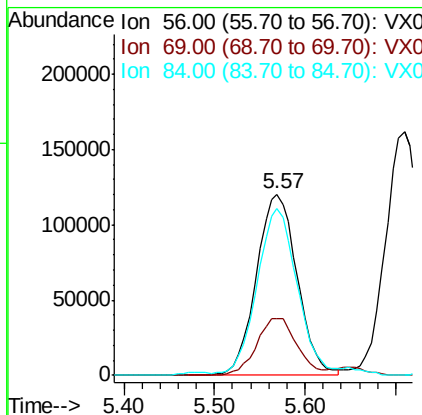
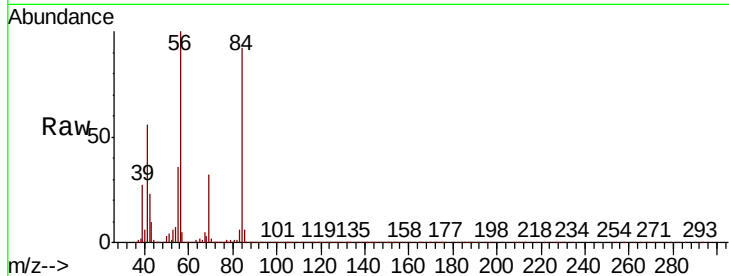
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	372901
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.9	38.9
84	90.7	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.880 ug/l

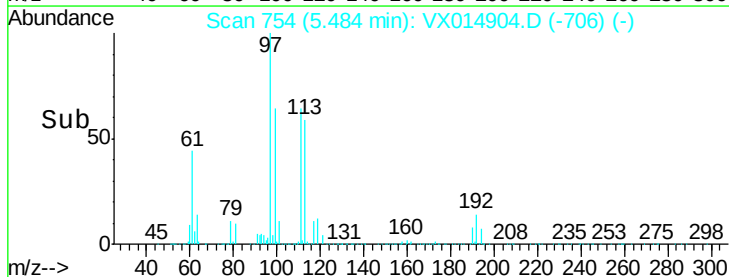
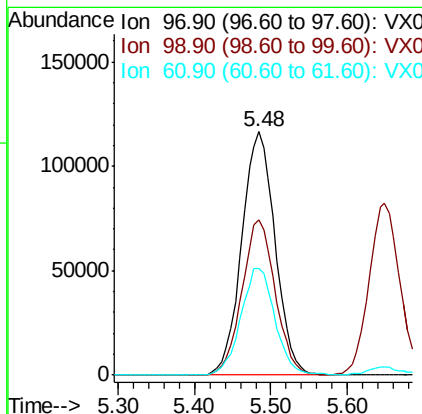
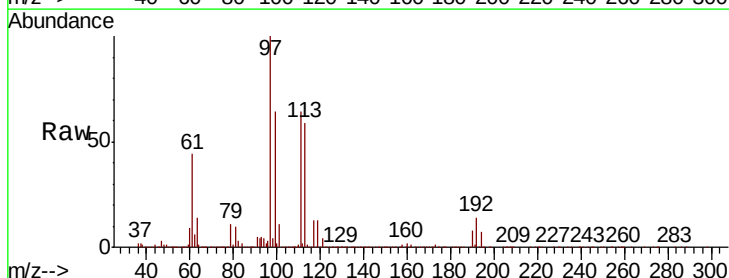
RT: 5.48 min Scan# 754

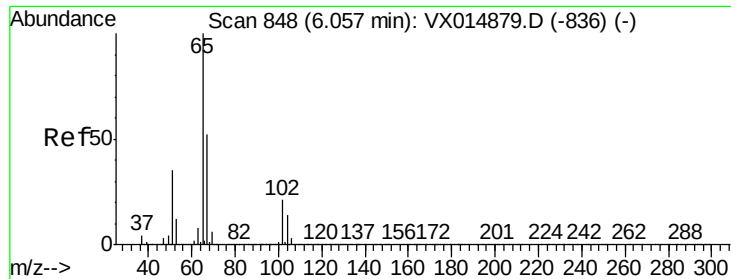
Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion:	97	Resp:	352172
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.6
61	44.4	36.3	54.5





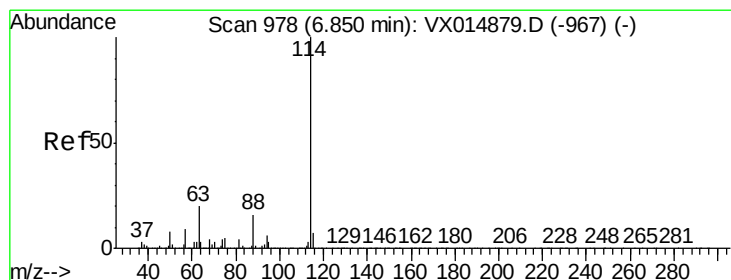
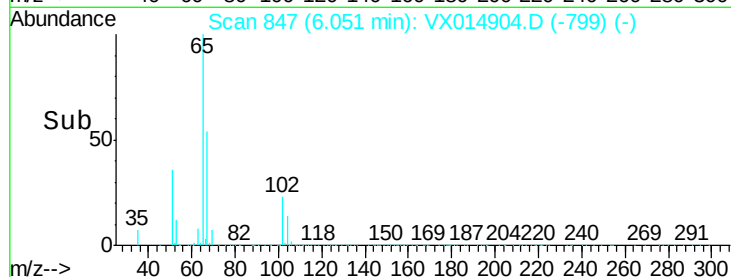
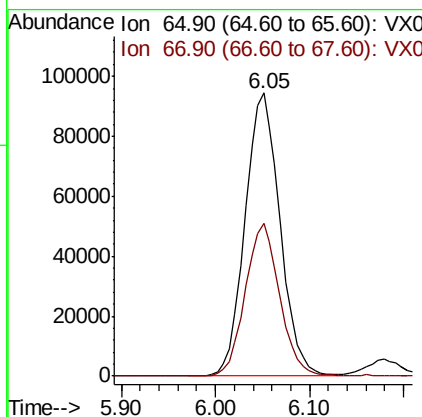
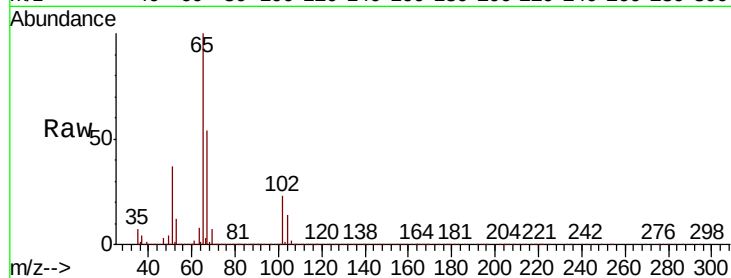
#33
 1,2-Dichloroethane-d4
 Concen: 46.729 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	244922		
67	52.8	0.0	103.0	

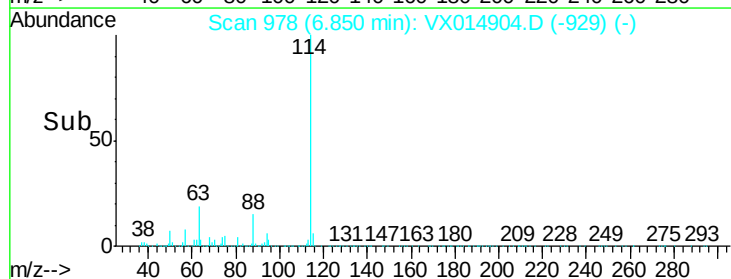
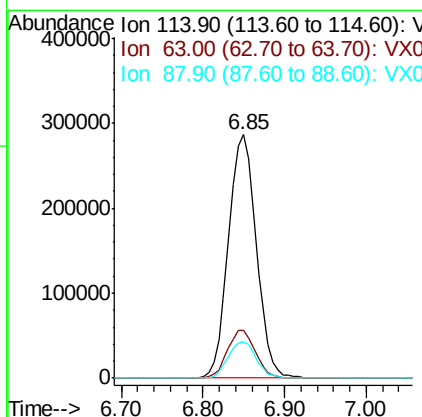
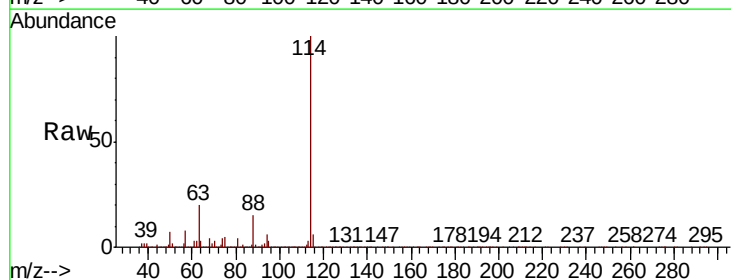
Manual Integrations
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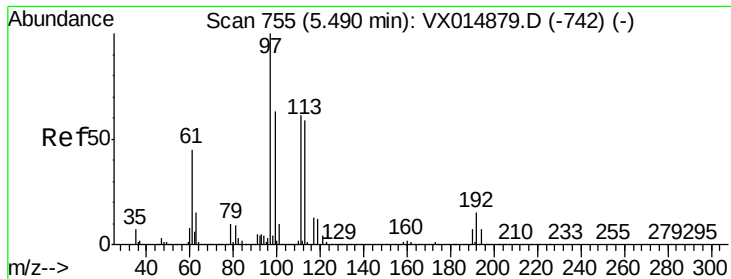
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	673649		
63	19.5	0.0	39.2	
88	14.9	0.0	32.0	





#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

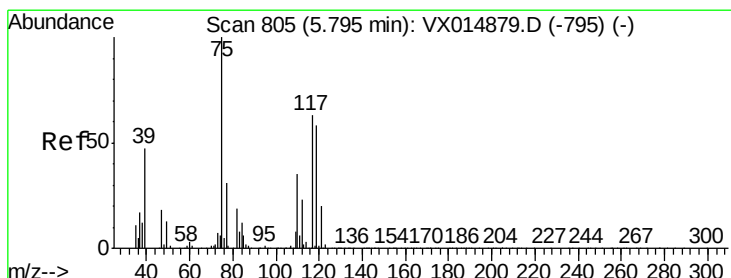
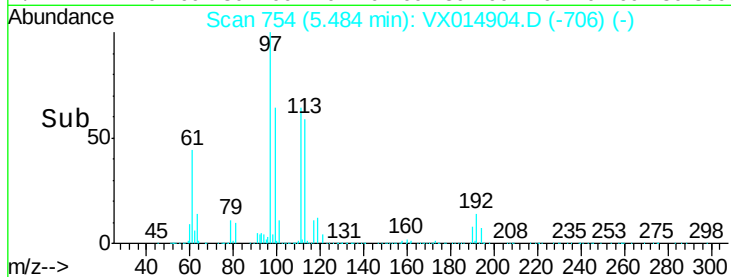
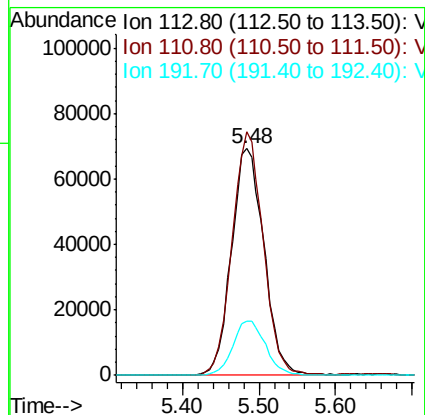
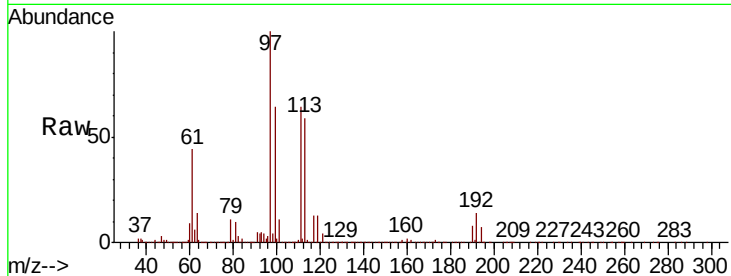
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	202688
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.4	123.6
192	24.2	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.391 ug/l

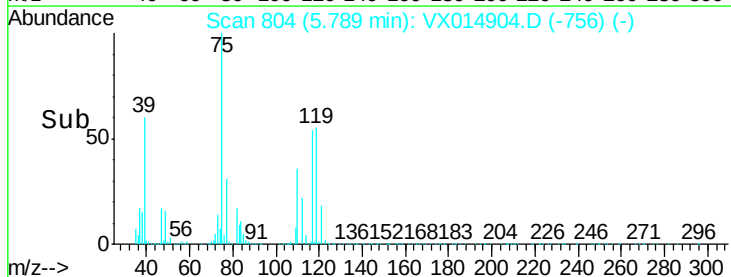
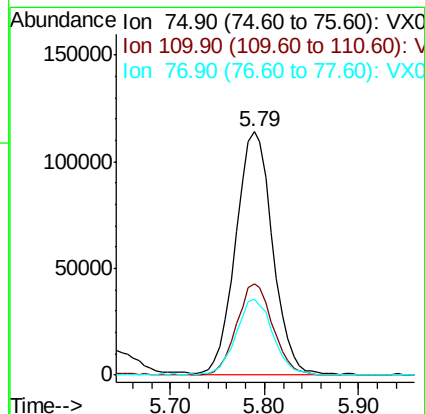
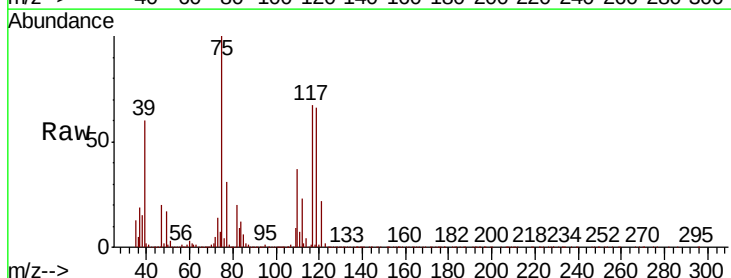
RT: 5.79 min Scan# 804

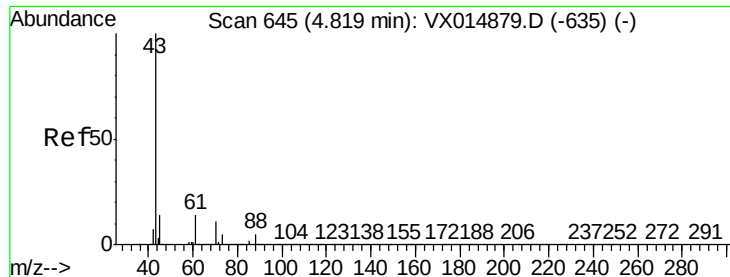
Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion:	75	Resp:	309683
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.3	54.8
77	31.0	24.6	36.8





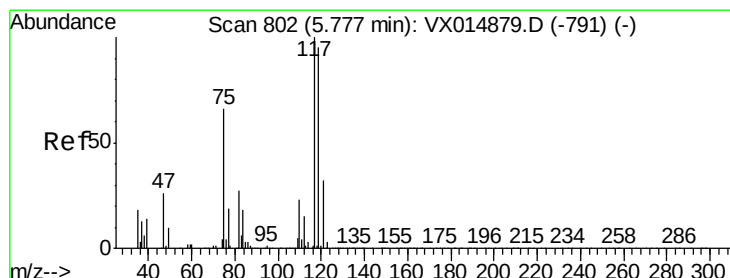
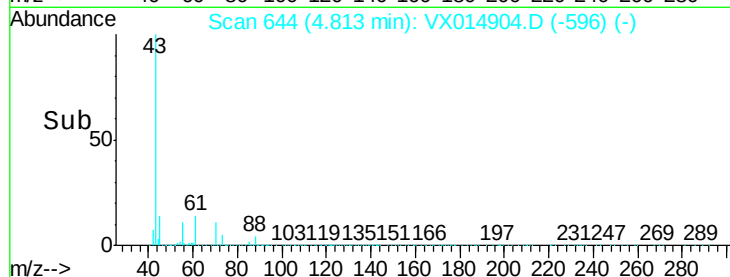
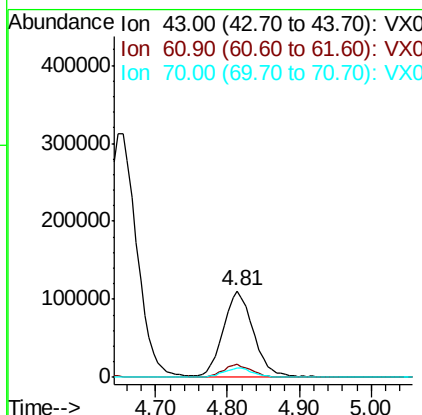
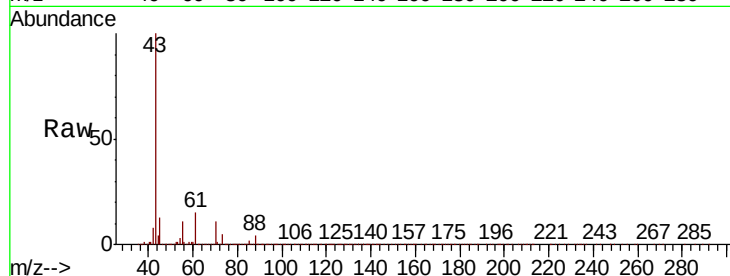
#37
Ethyl Acetate
Concen: 50.879 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	319775
Ion Ratio	Lower	Upper	
43	100		
61	13.8	10.9	16.3
70	10.8	8.7	13.1

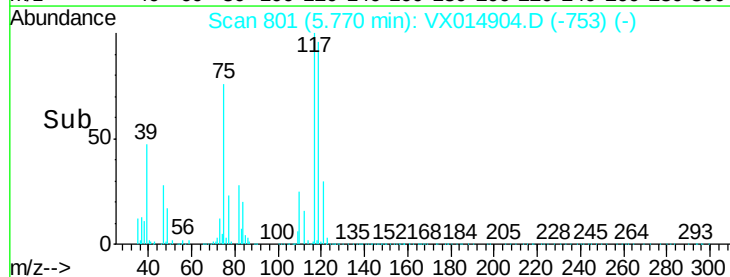
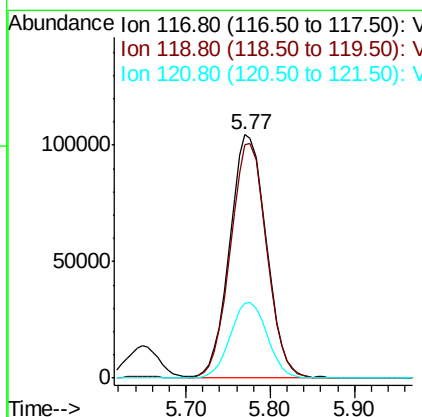
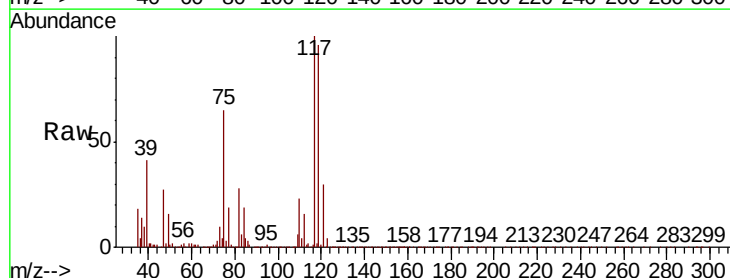
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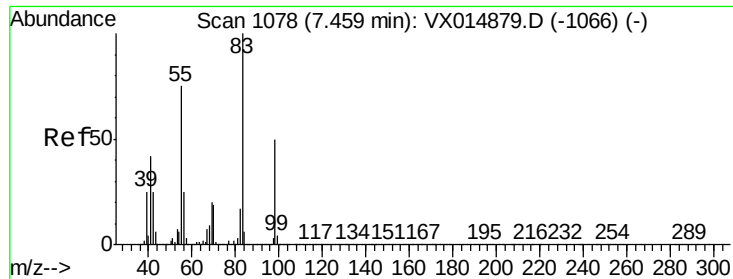
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#38
Carbon Tetrachloride
Concen: 52.235 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	117	Resp	306752
Ion Ratio	Lower	Upper	
117	100		
119	95.7	76.0	114.0
121	30.4	25.4	38.2





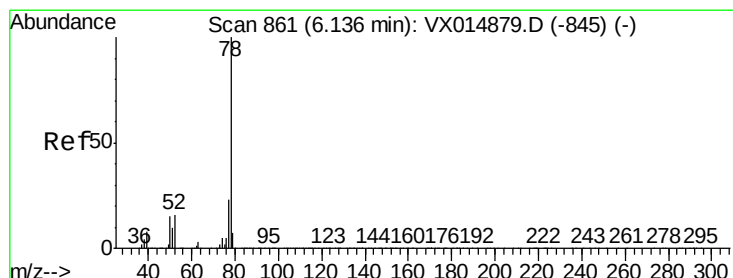
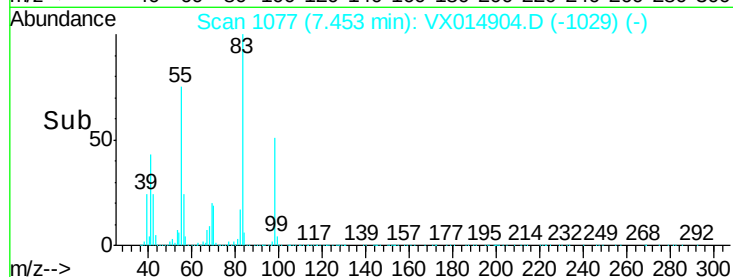
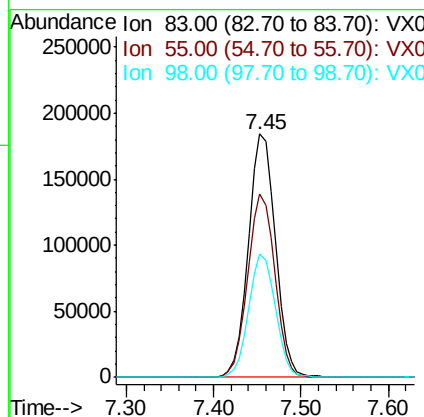
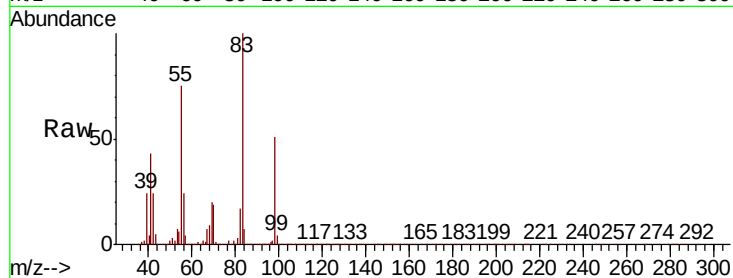
#39
Methylvlcyclohexane
Concen: 52.528 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	395870		
55	75.5	60.0	90.0	
98	50.7	39.6	59.4	

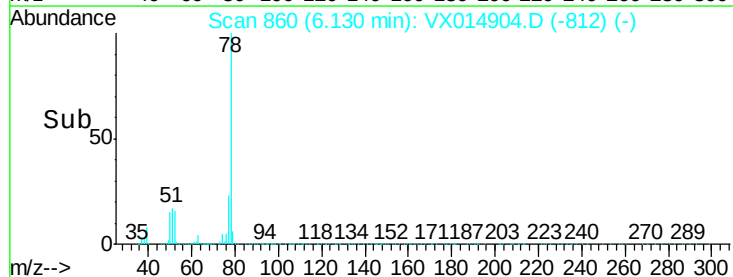
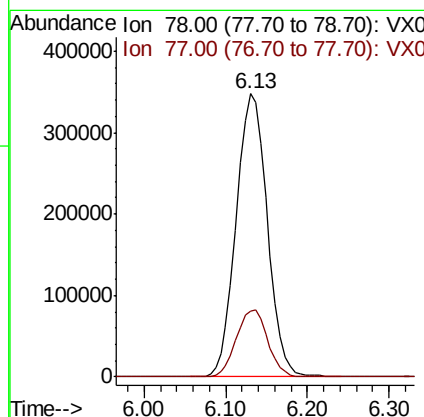
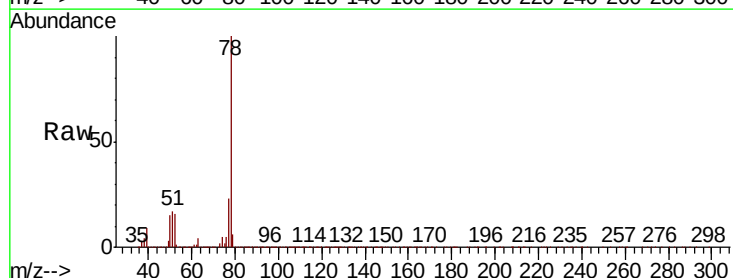
Manual Integrations
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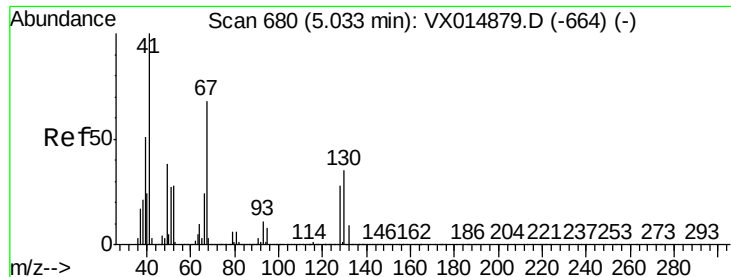
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#40
Benzene
Concen: 51.016 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	918529		
77	23.1	18.8	28.2	





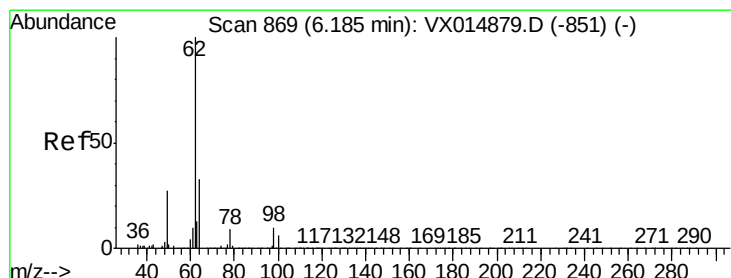
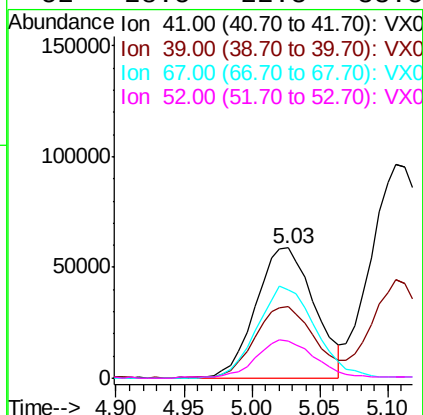
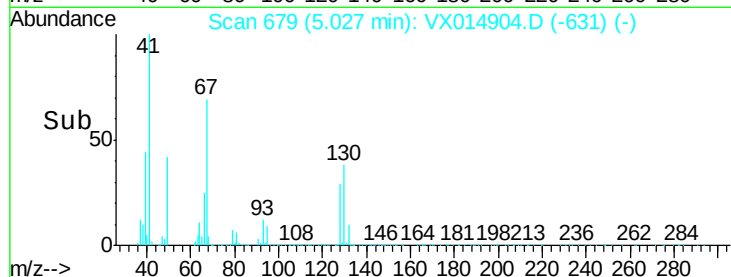
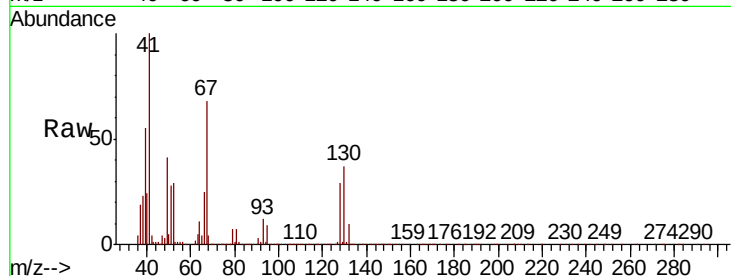
#41
Methacrylonitrile
Concen: 51.840 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
175524	41	100		
	39	56.7	44.7	67.1
	67	70.9	56.6	84.8
	52	28.5	22.3	33.5

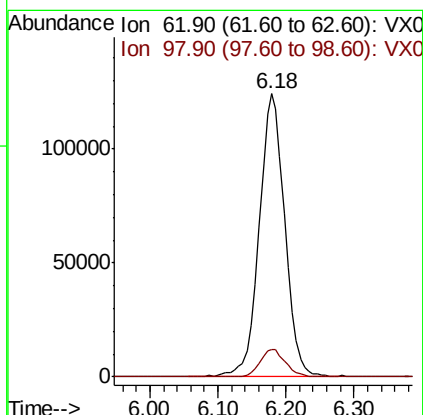
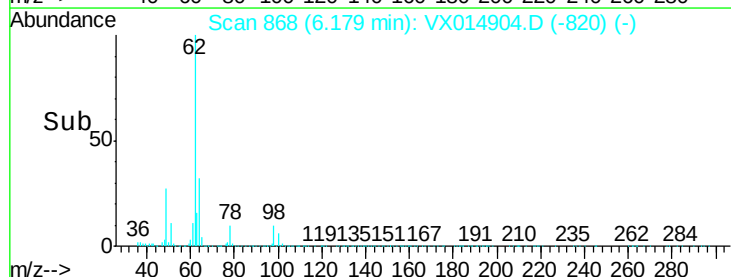
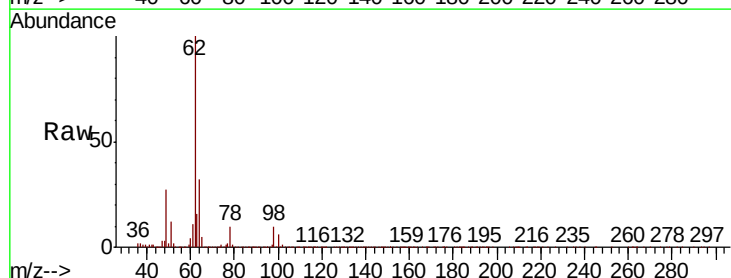
Manual Integrations
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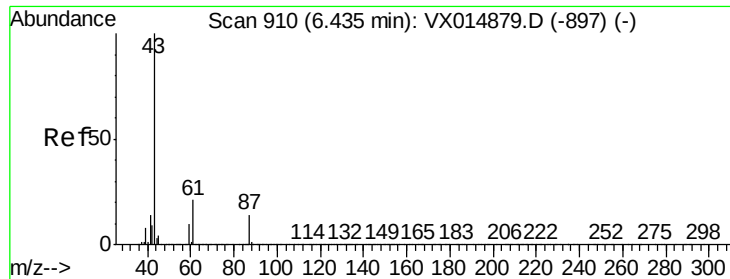
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.138 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ion	Ratio	Lower	Upper
326269	62	100		
	98	9.8	0.0	19.2





#43

Isopropyl Acetate

Concen: 51.532 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

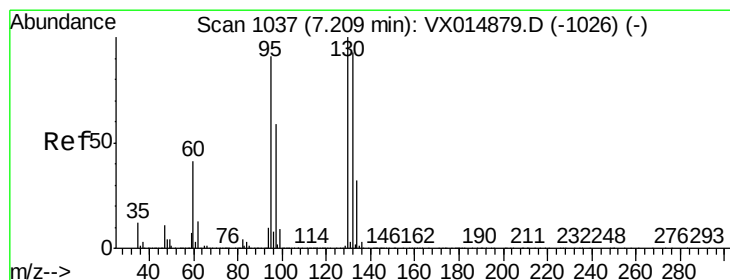
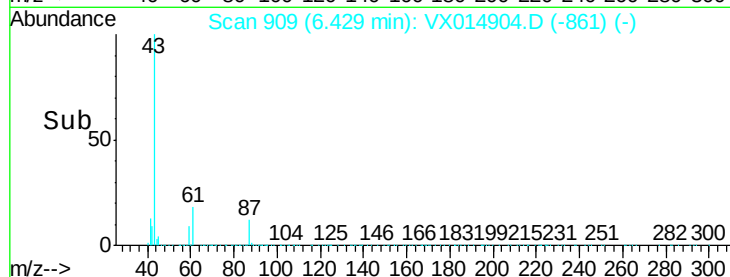
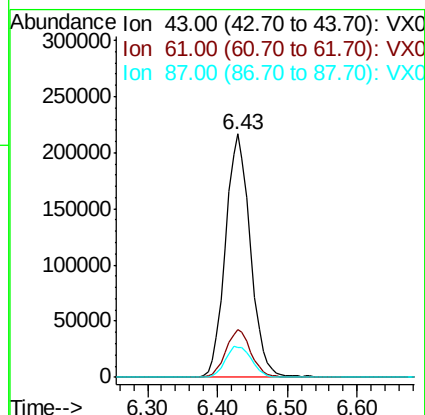
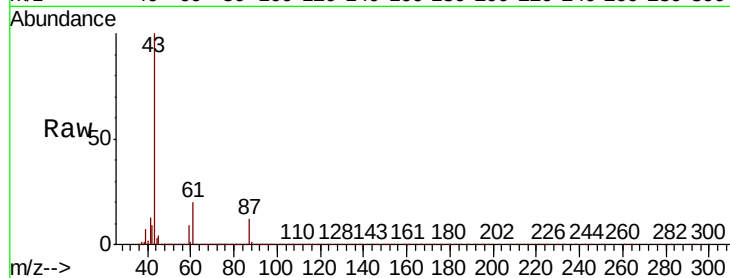
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	13.4	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 49.590 ug/l

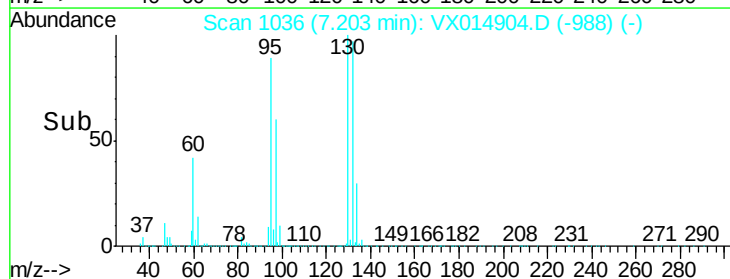
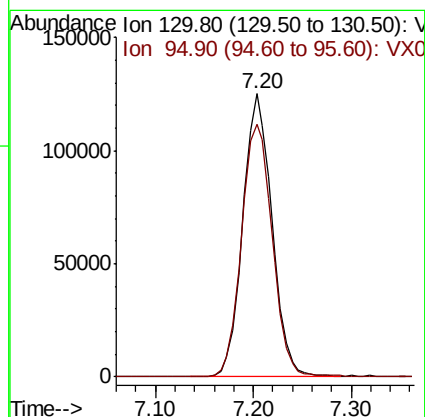
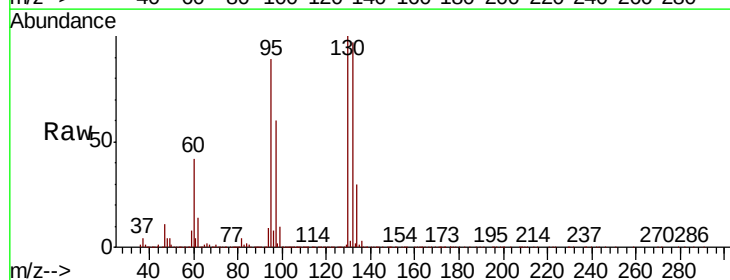
RT: 7.20 min Scan# 1036

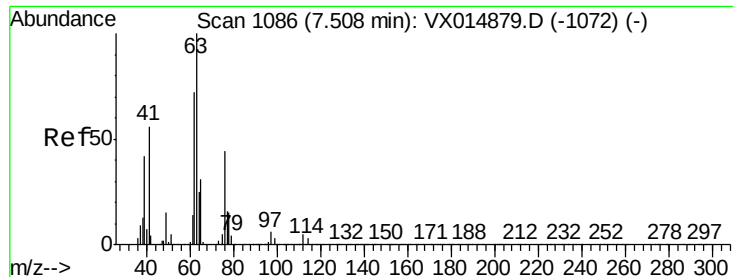
Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	182.6





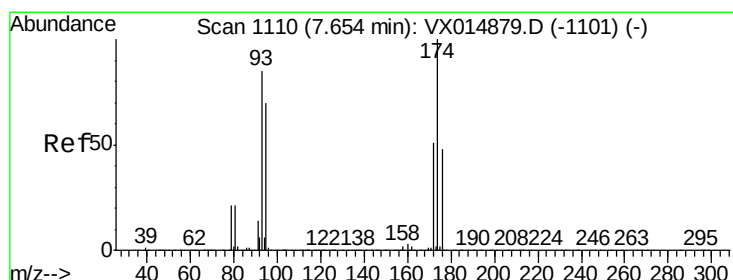
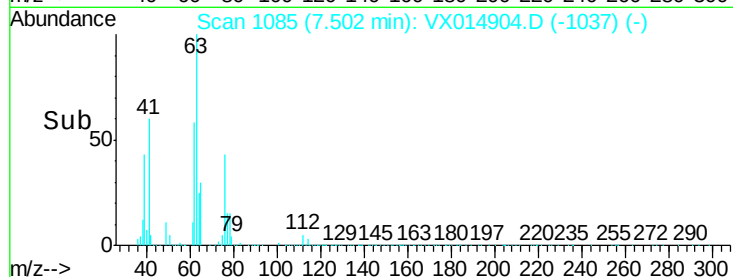
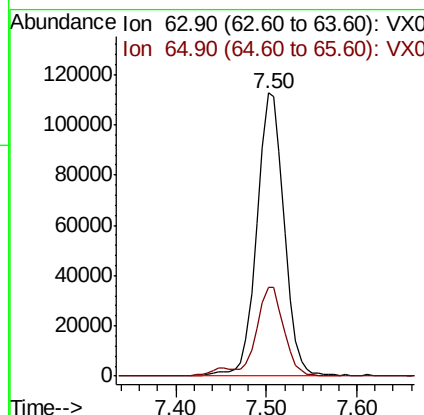
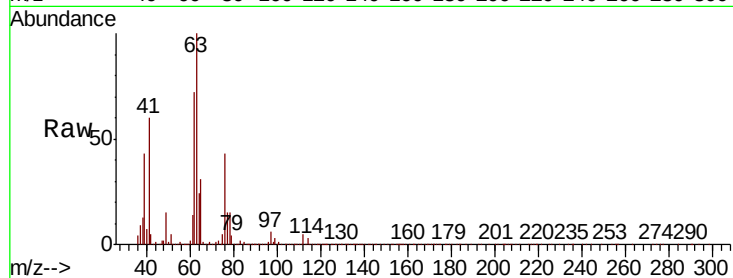
#45
 1,2-Dichloropropane
 Concen: 50.706 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.9	37.3

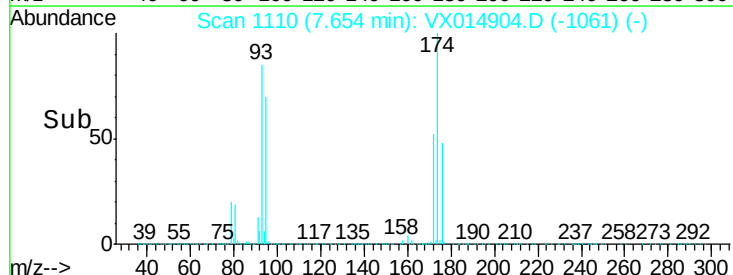
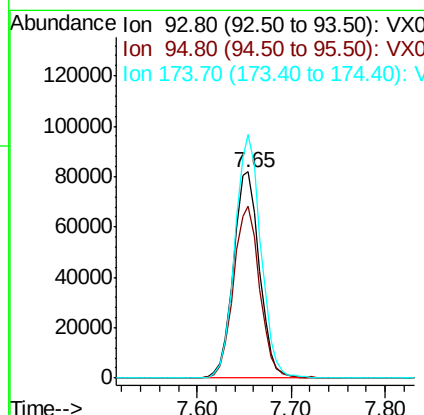
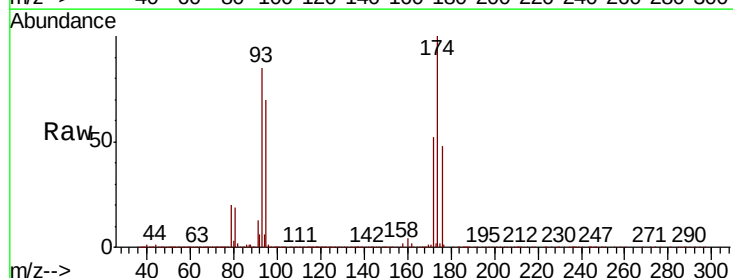
Manual Integrations
 APPROVED

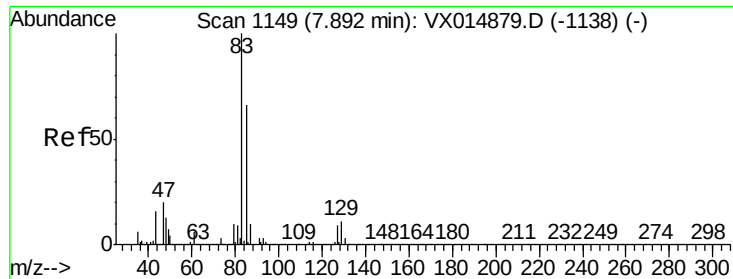
MMDadoda
 2/12/2020 3:04:08 PM



#46
 Dibromomethane
 Concen: 50.125 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.8	98.8
174	117.9	95.4	143.2





#47

Bromodichloromethane

Concen: 50.651 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

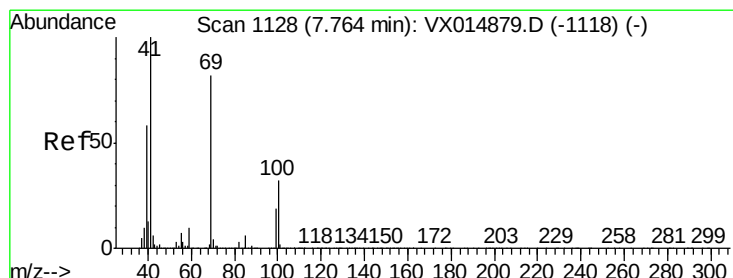
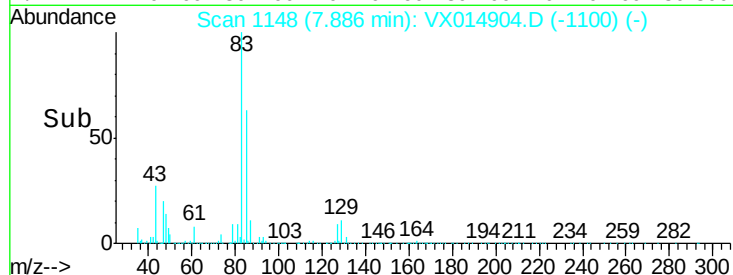
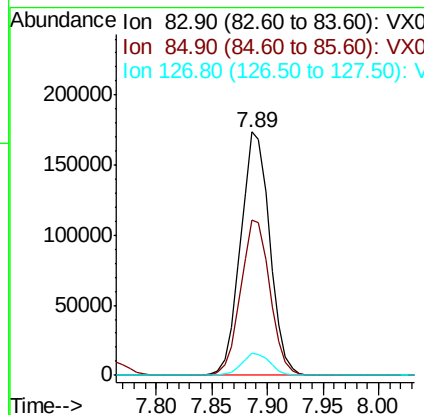
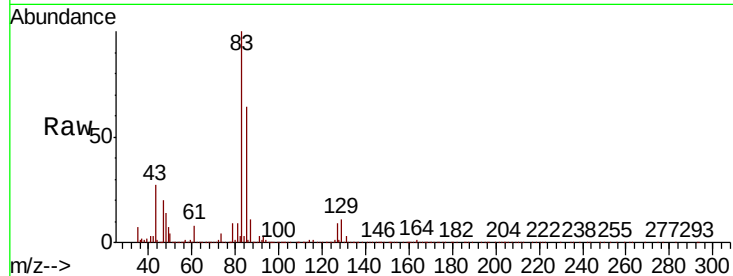
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	315220
Ion Ratio	Lower	Upper	
83	100		
85	63.6	52.5	78.7
127	9.0	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.231 ug/l

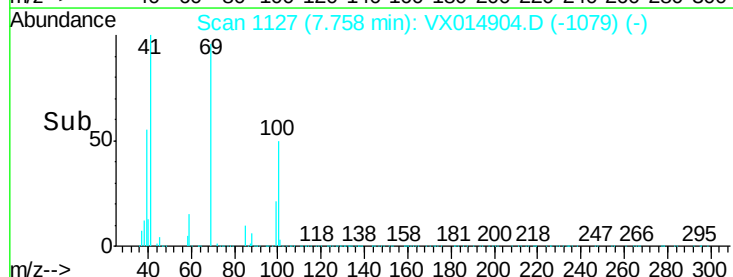
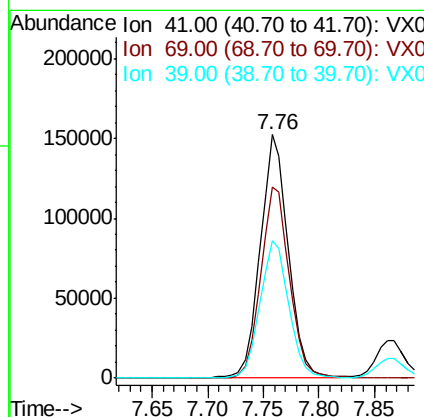
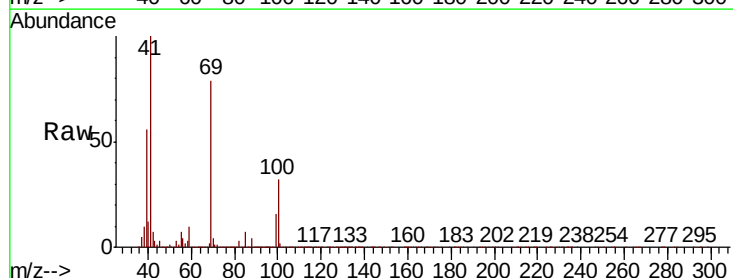
RT: 7.76 min Scan# 1127

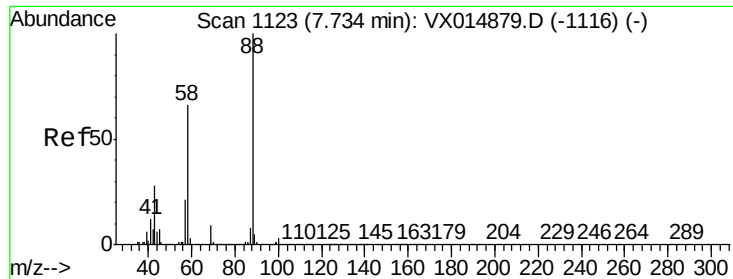
Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion:	41	Resp:	266505
Ion Ratio	Lower	Upper	
41	100		
69	81.0	65.7	98.5
39	57.5	45.8	68.8





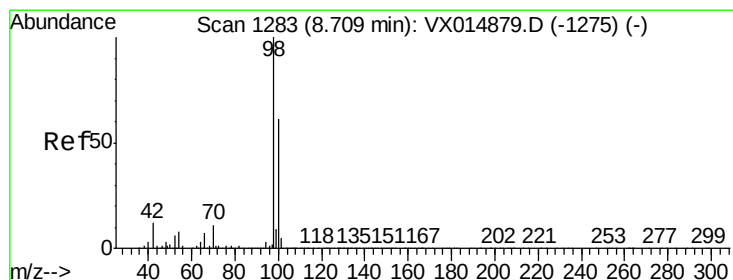
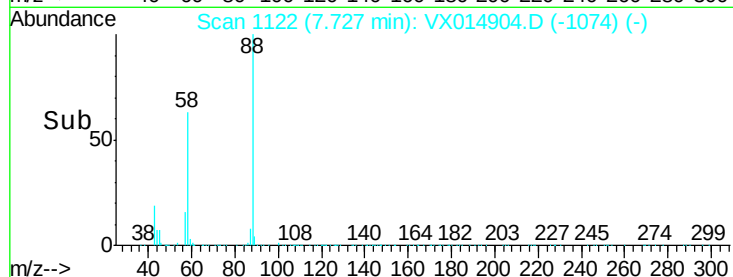
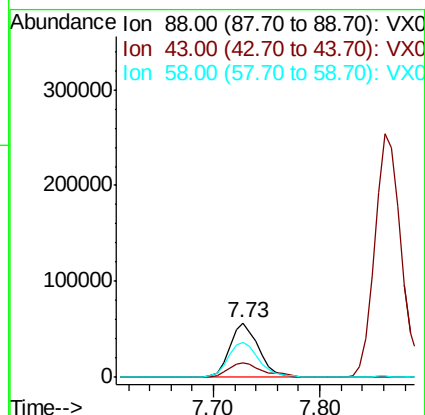
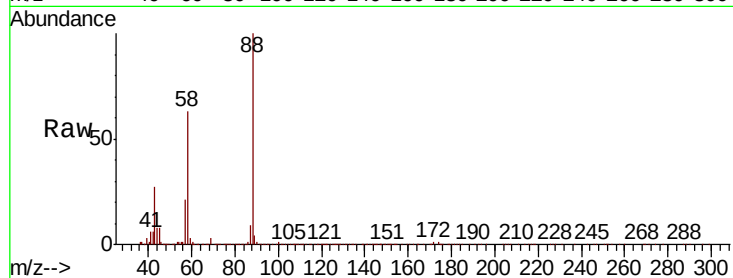
#49
1,4-Dioxane
Concen: 1107.756 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	69.9	53.2	79.8

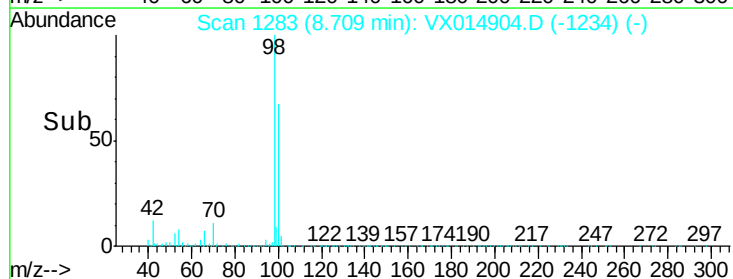
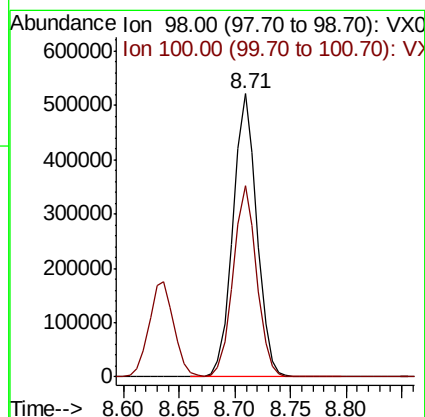
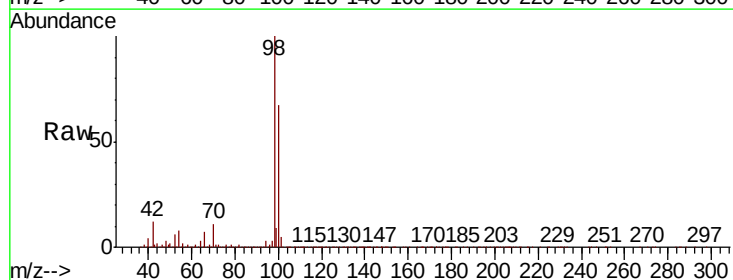
Manual Integrations
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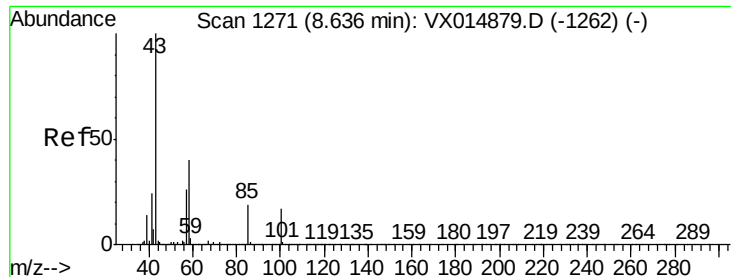
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#50
Toluene-d8
Concen: 48.824 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.4	78.6





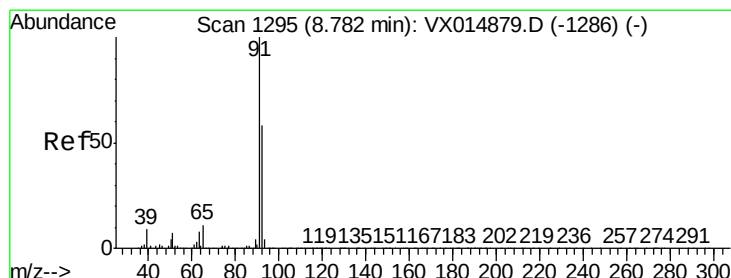
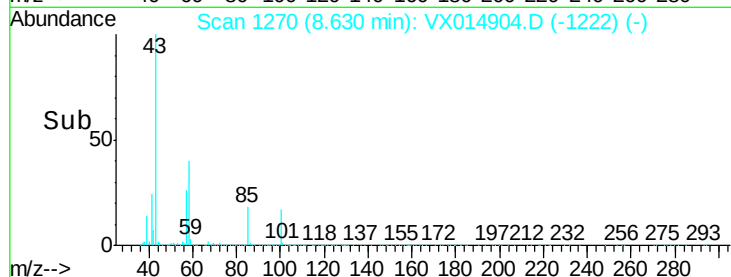
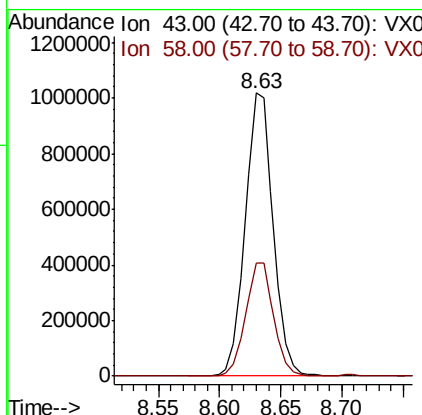
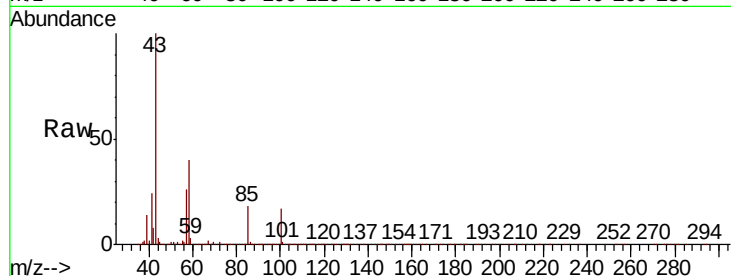
#51
4-Methyl-2-Pentanone
Concen: 257.603 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1612696
Ion Ratio Lower Upper
43 100
58 40.1 31.9 47.9

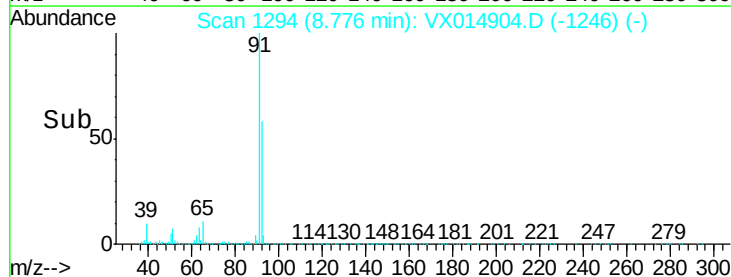
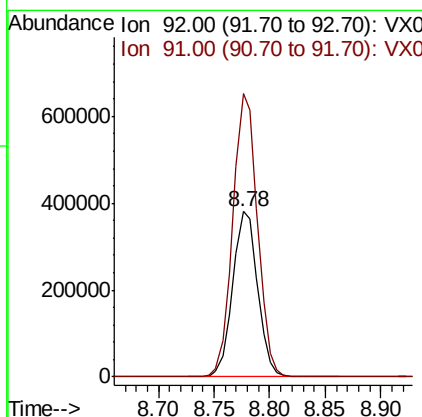
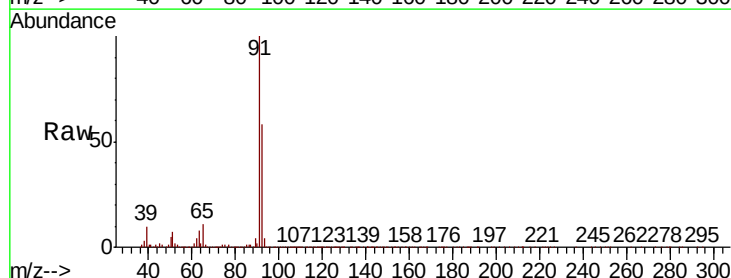
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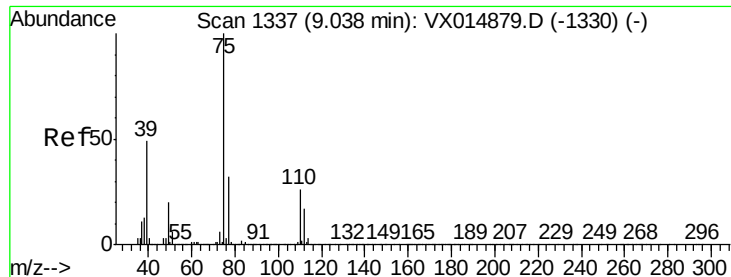
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#52
Toluene
Concen: 51.512 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 92 Resp: 589058
Ion Ratio Lower Upper
92 100
91 169.8 137.0 205.4





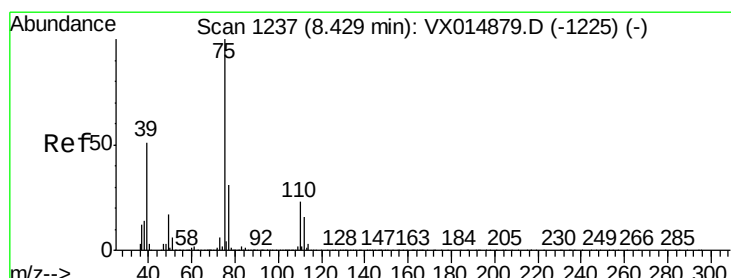
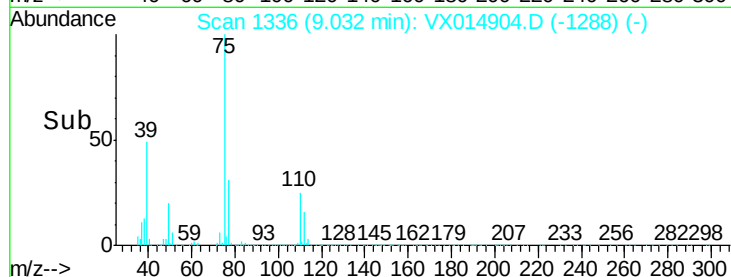
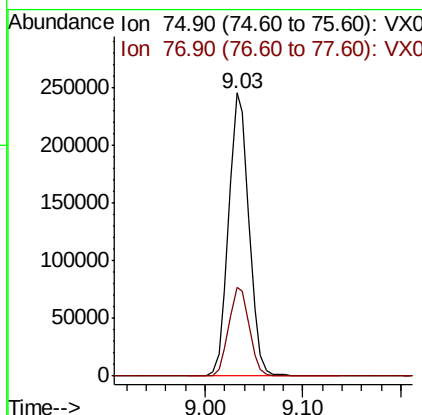
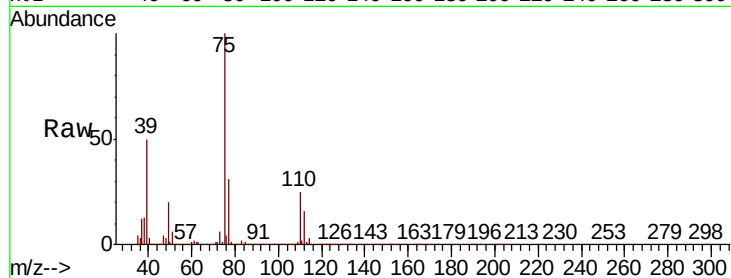
#53
t-1,3-Dichloropropene
Concen: 51.904 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.5	38.3

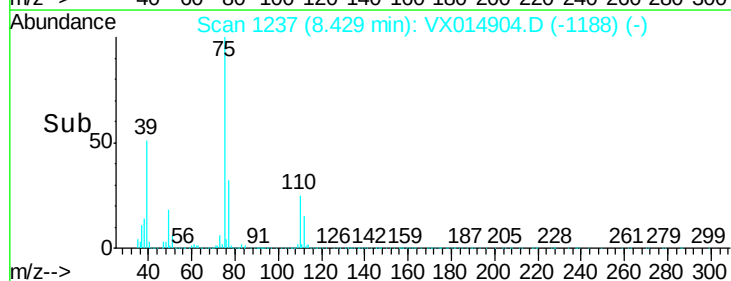
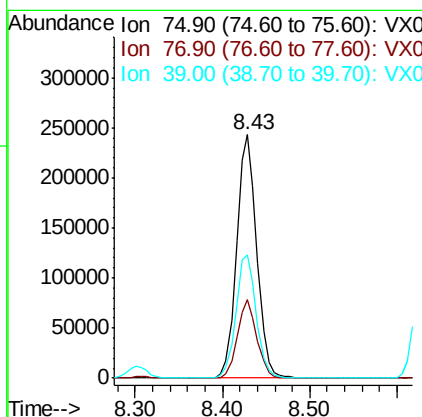
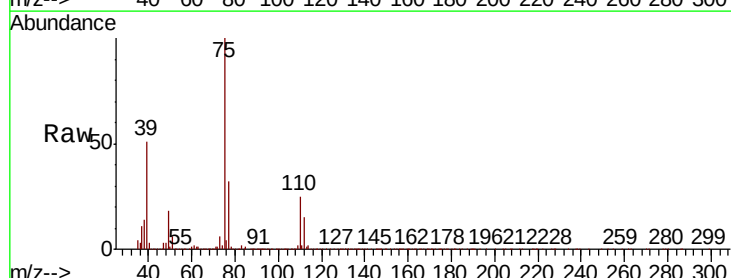
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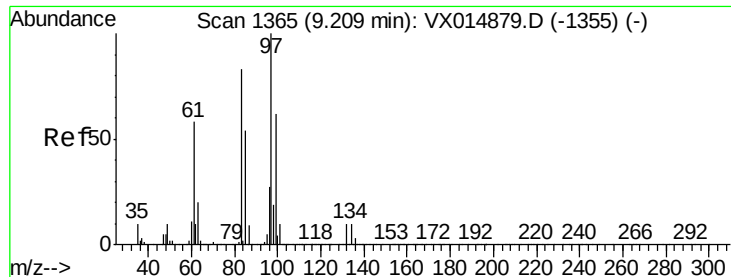
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#54
cis-1,3-Dichloropropene
Concen: 51.444 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.6	37.0
39	50.6	40.9	61.3





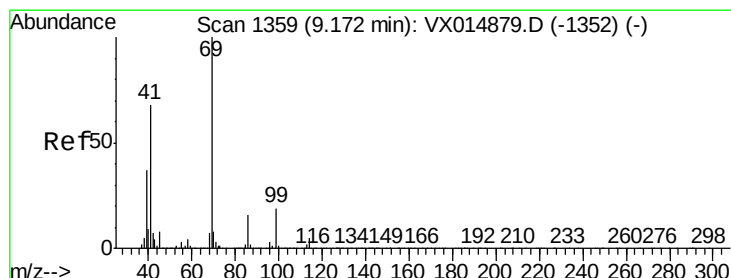
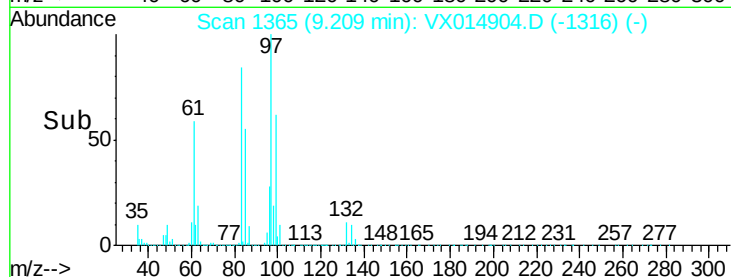
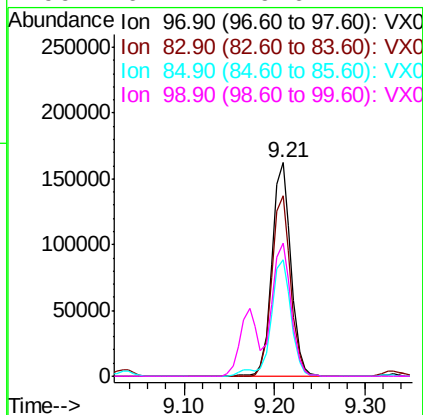
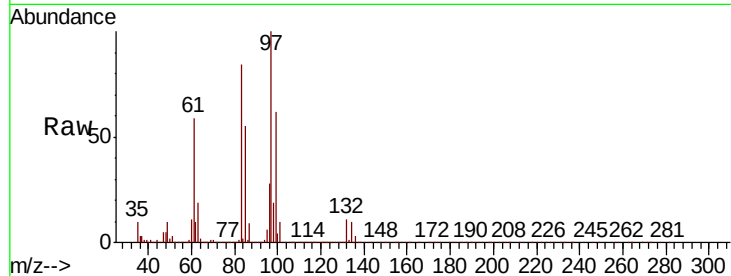
#55
 1,1,2-Trichloroethane
 Concen: 50.286 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		232653		
83	84.3	66.6	99.8		
85	54.6	43.5	65.3		
99	62.2	49.6	74.4		

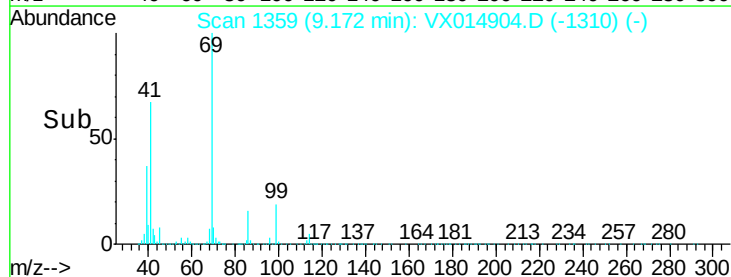
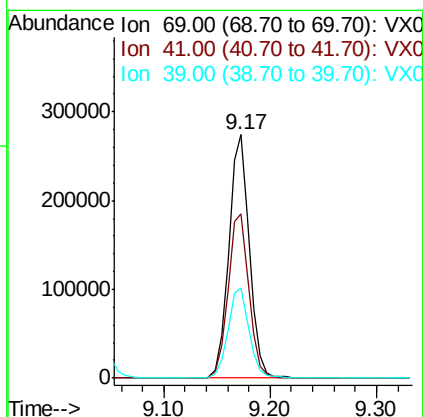
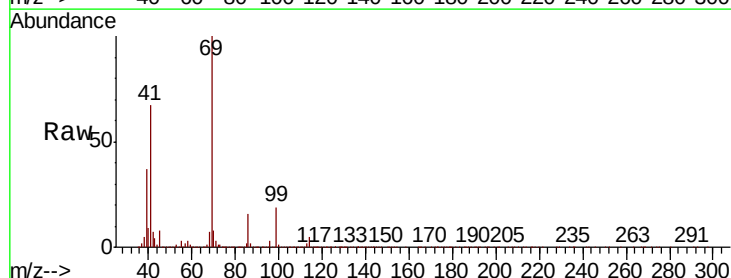
Manual Integrations
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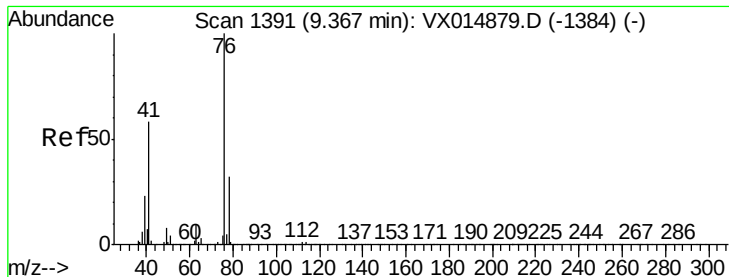
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 2/12/2020 3:04:08 PM



#56
 Ethyl methacrylate
 Concen: 53.224 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		370128		
41	68.5	54.8	82.2		
39	37.6	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 50.210 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 391037

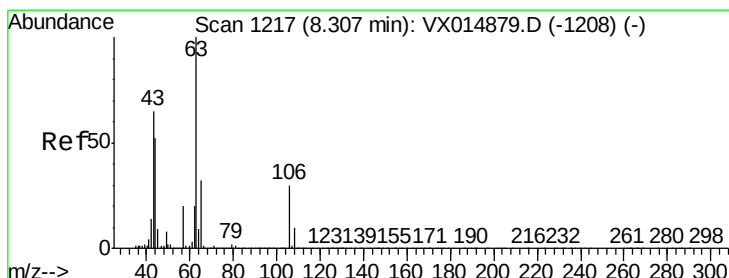
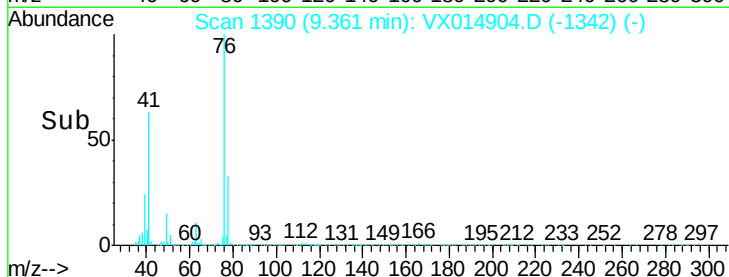
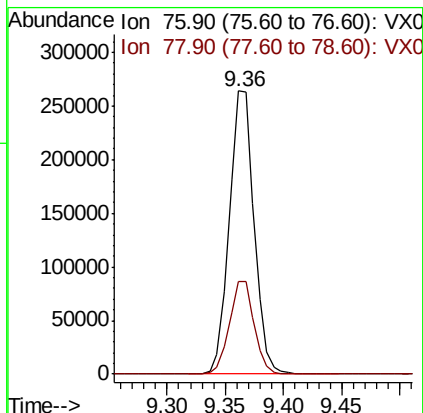
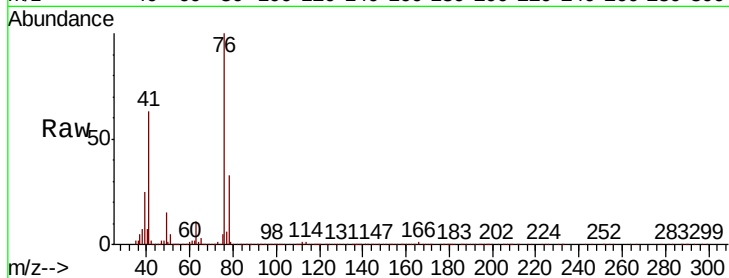
Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 237.858 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014904.D

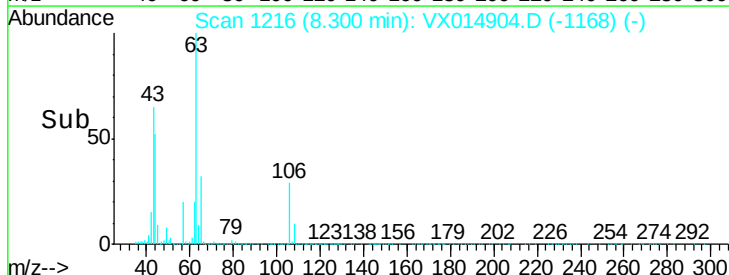
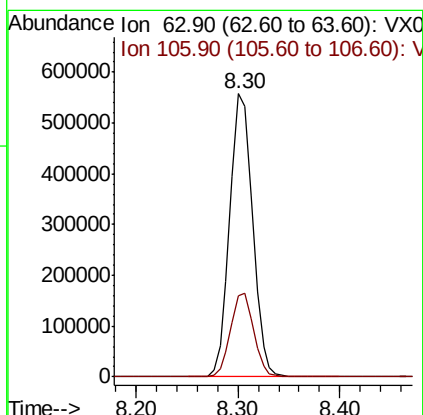
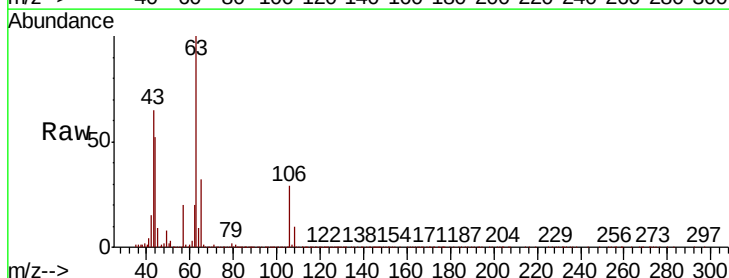
Acq: 11 Feb 2020 09:50

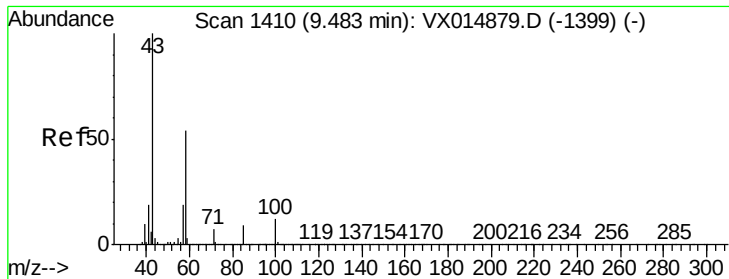
Tgt Ion: 63 Resp: 865061

Ion Ratio Lower Upper

63 100

106 29.7 23.8 35.8





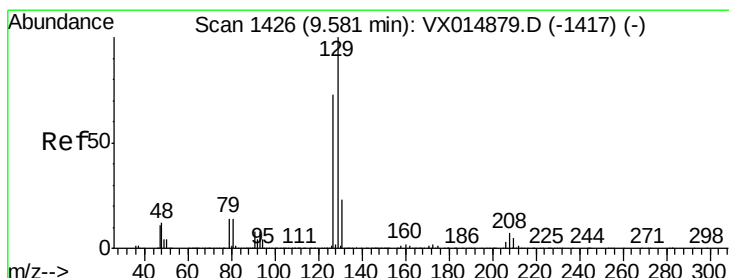
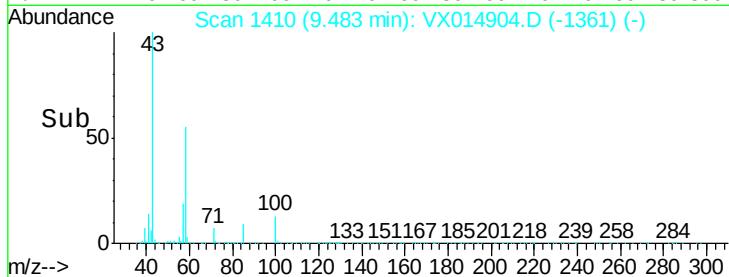
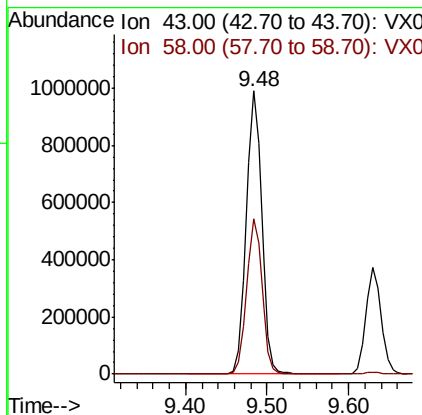
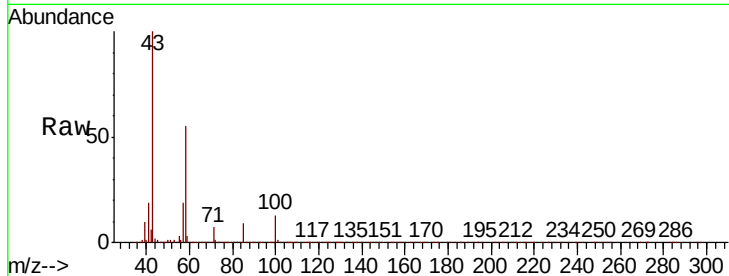
#59
2-Hexanone
Concen: 264.832 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1303176
Ion Ratio Lower Upper
43 100
58 54.6 27.5 82.5

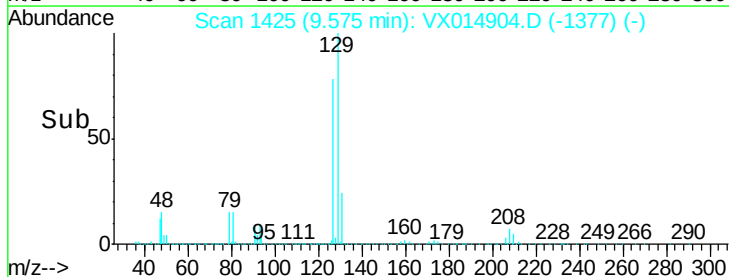
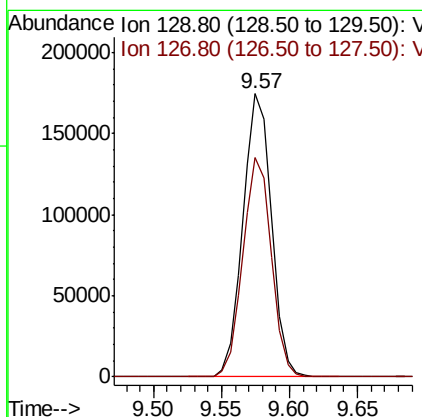
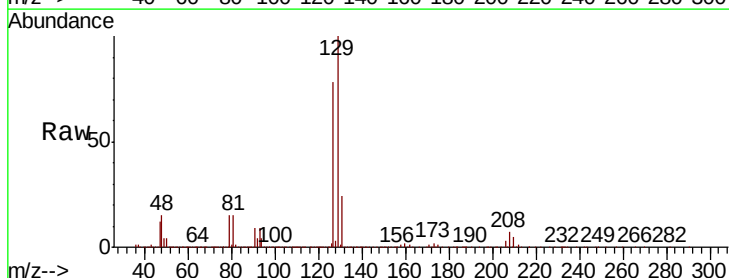
Manual Integrations
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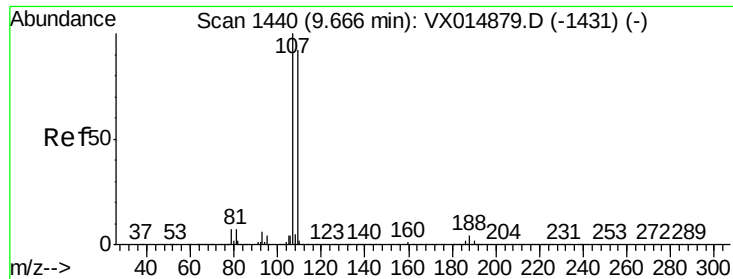
MMDadoda
2/12/2020 3:04:08 PM



#60
Dibromochloromethane
Concen: 51.466 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 129 Resp: 256247
Ion Ratio Lower Upper
129 100
127 77.6 37.8 113.3





#61

1,2-Dibromoethane

Concen: 49.491 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 247059

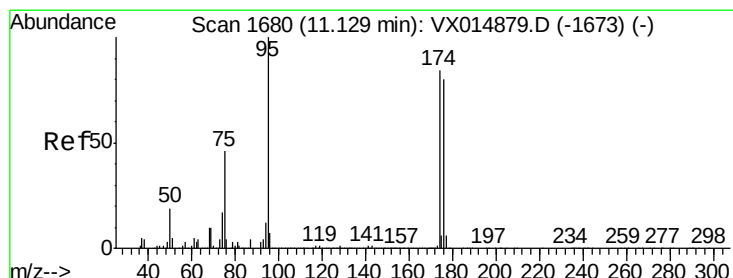
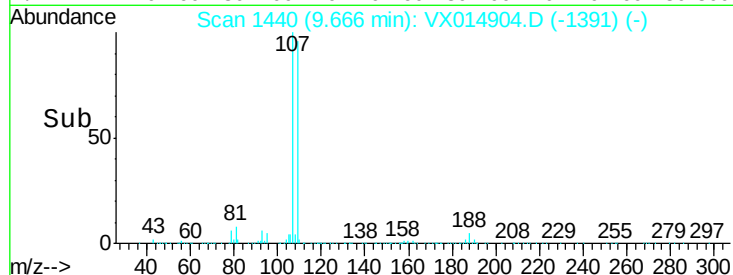
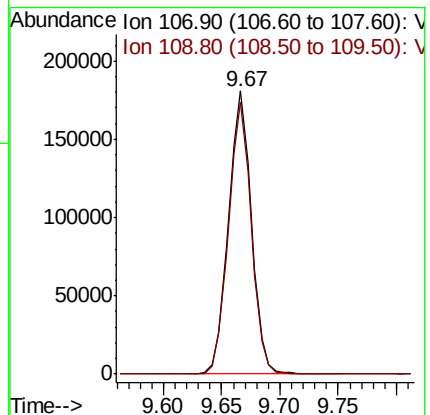
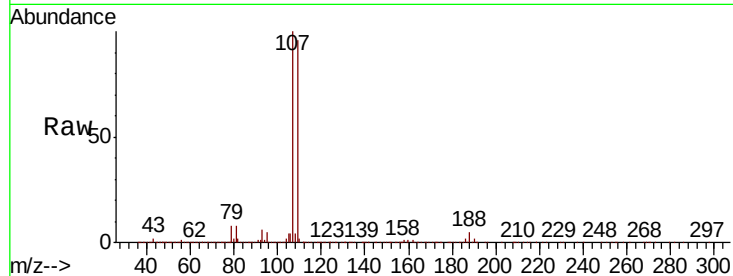
Ion Ratio Lower Upper

107 100

109 95.3 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 49.543 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

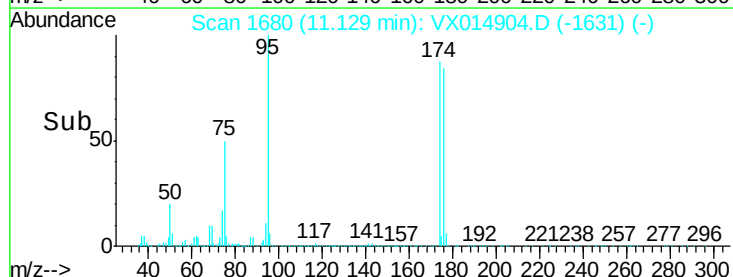
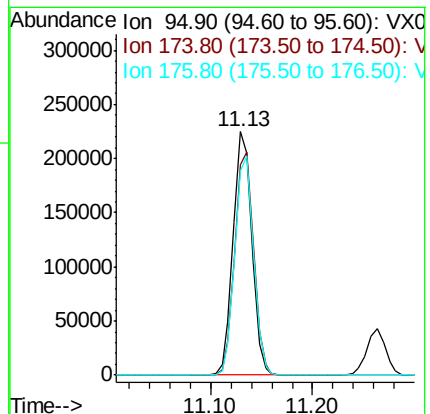
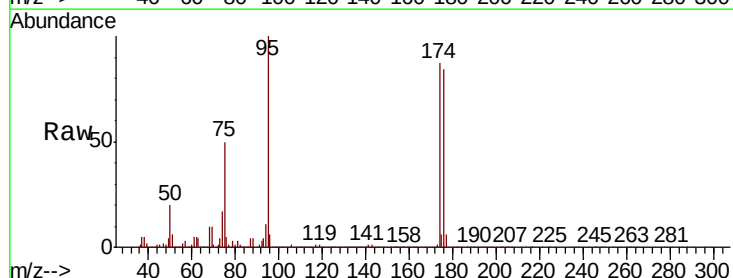
Tgt Ion: 95 Resp: 282130

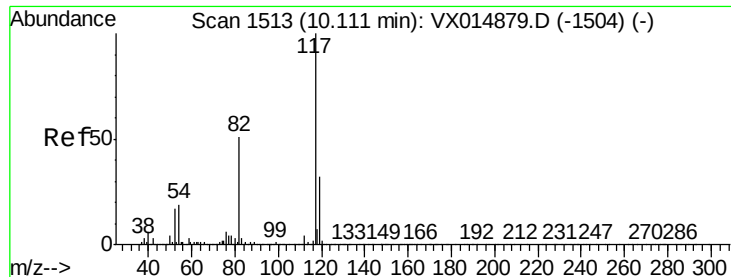
Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.0

176 90.1 0.0 178.0





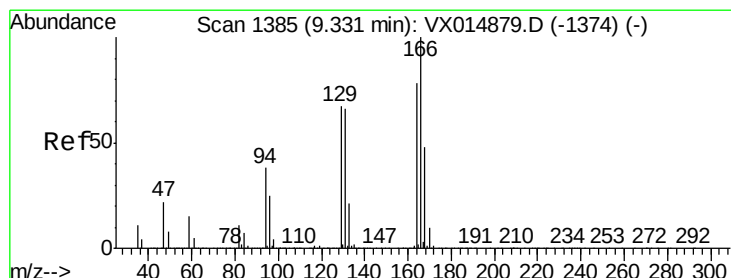
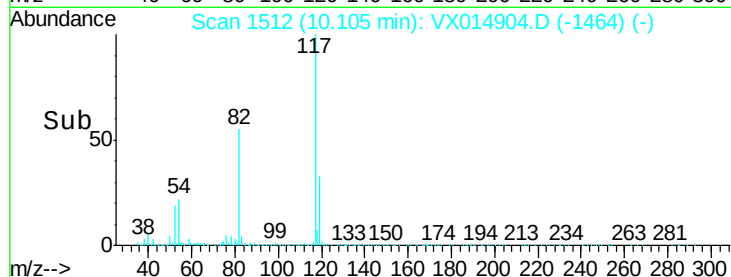
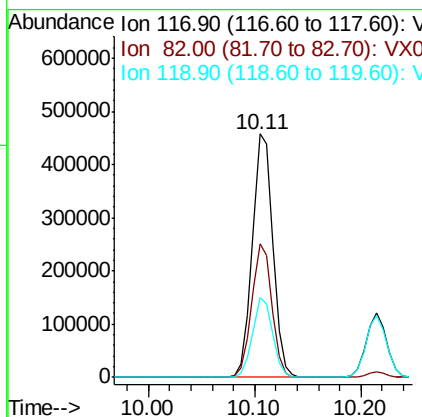
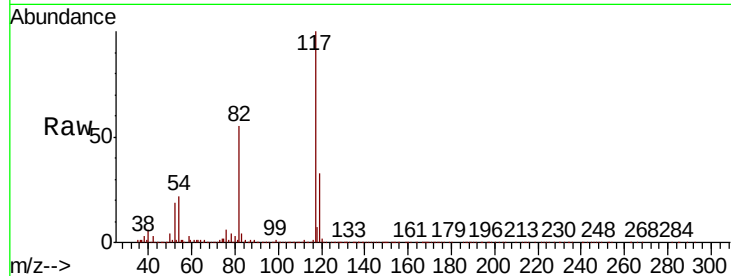
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	40.5	60.7
119	32.6	25.8	38.6

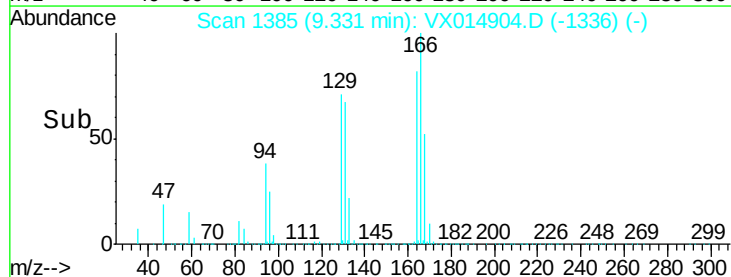
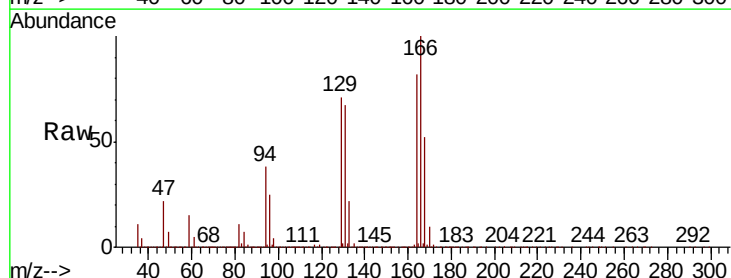
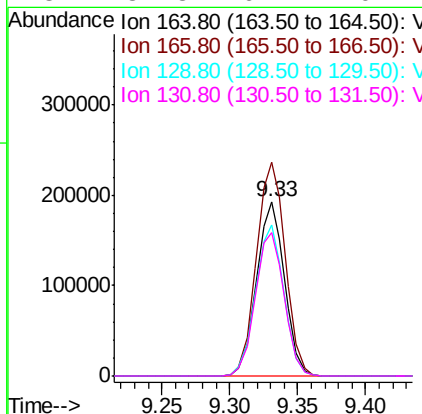
Manual Integrations
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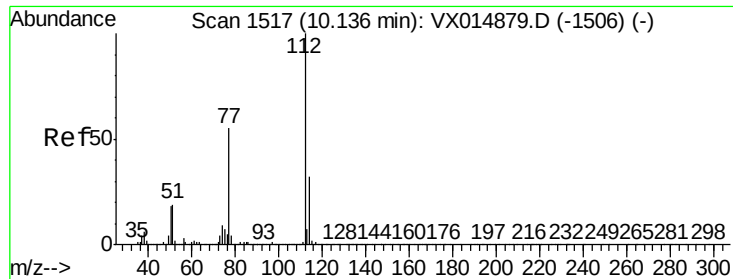
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#64
Tetrachloroethene
Concen: 47.921 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.5	102.6	153.8
129	86.5	68.3	102.5
131	82.3	67.4	101.2





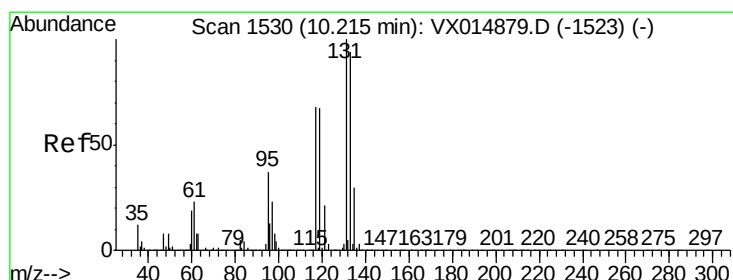
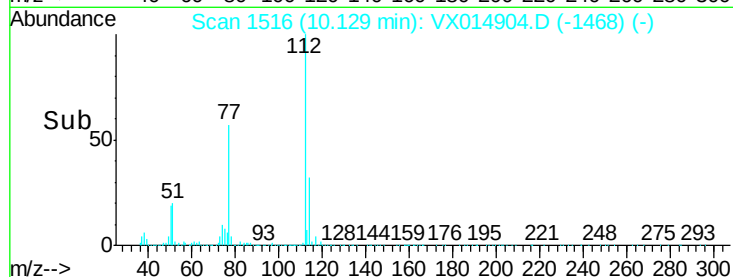
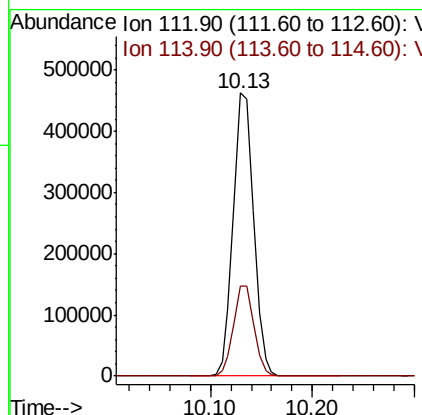
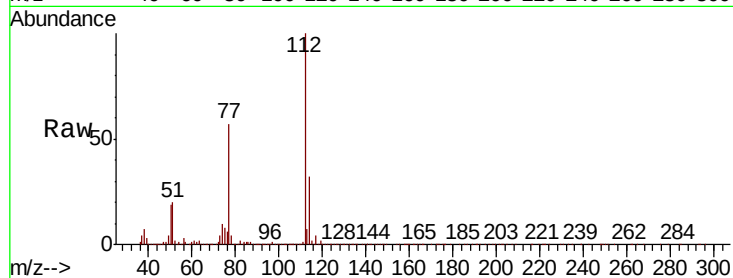
#65
Chlorobenzene
Concen: 50.847 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.6	38.4

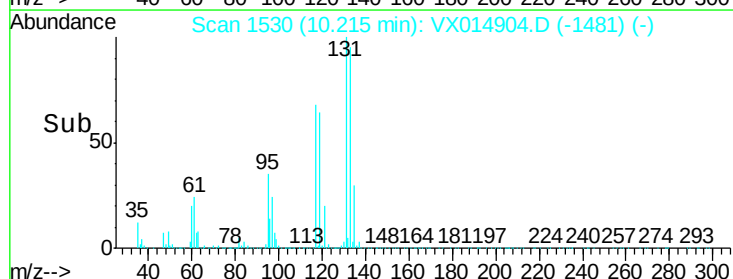
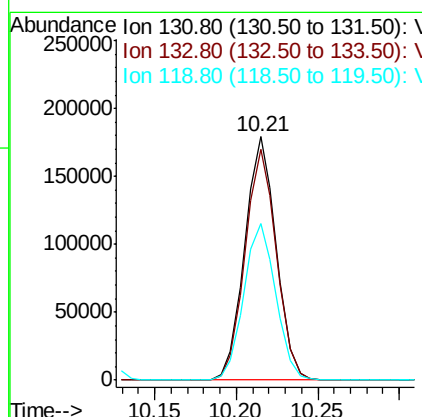
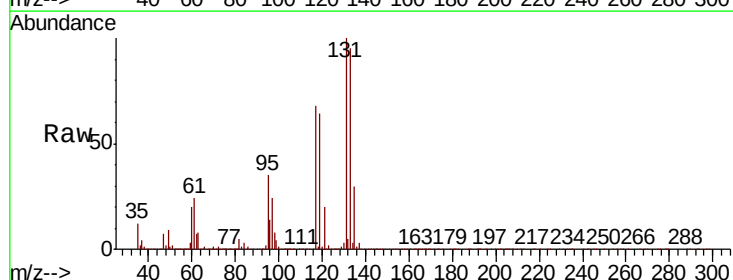
Manual Integrations
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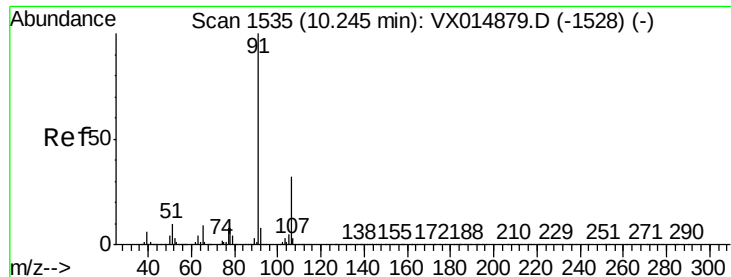
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.508 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.1	144.4
119	65.4	33.0	99.0





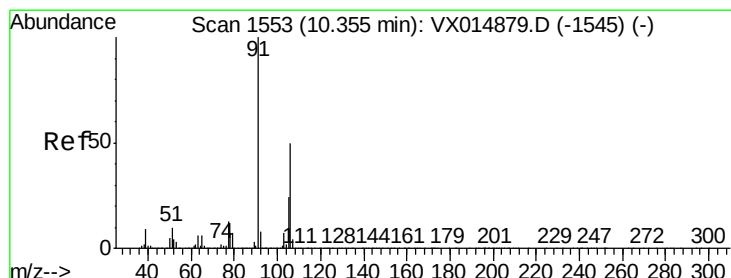
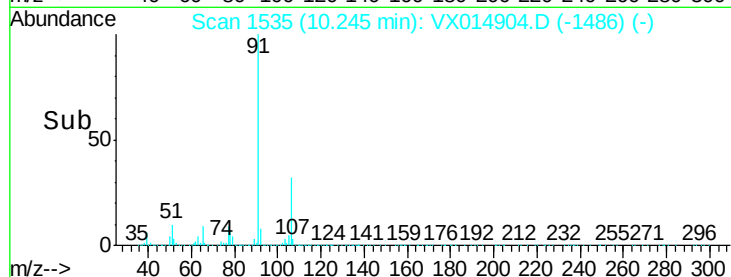
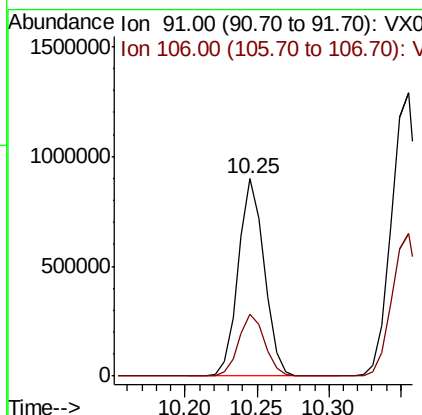
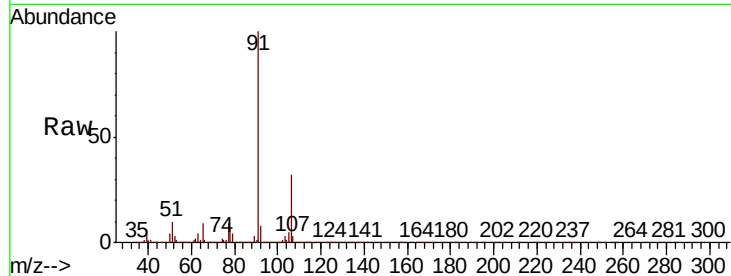
#67
Ethyl Benzene
Concen: 52.772 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1130816
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9

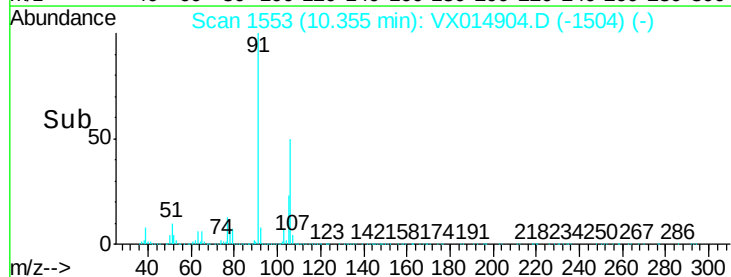
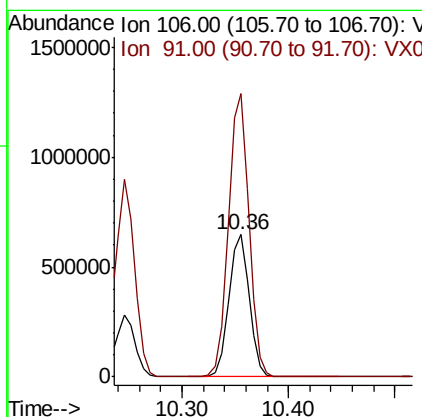
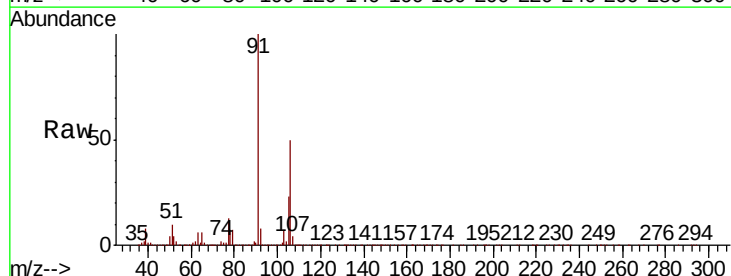
Manual Integrations
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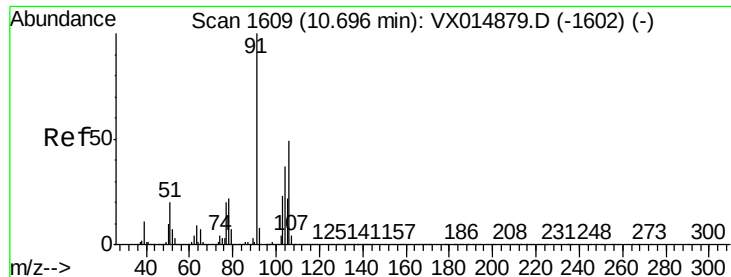
MMDadoda
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#68
m/p-Xylenes
Concen: 105.408 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 106 Resp: 870131
Ion Ratio Lower Upper
106 100
91 200.2 160.6 240.8





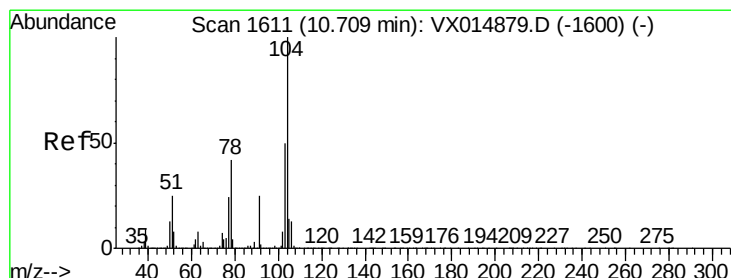
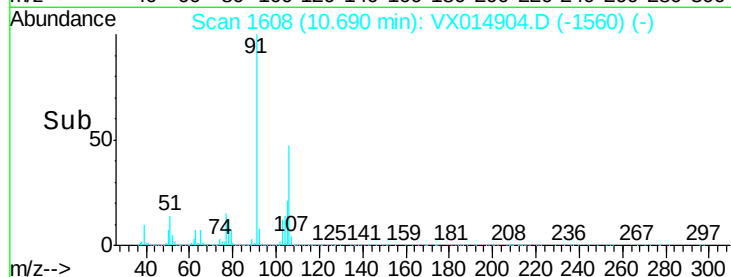
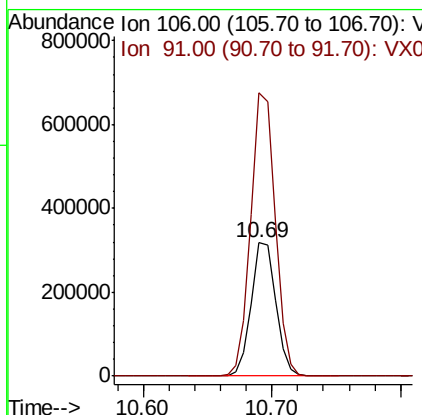
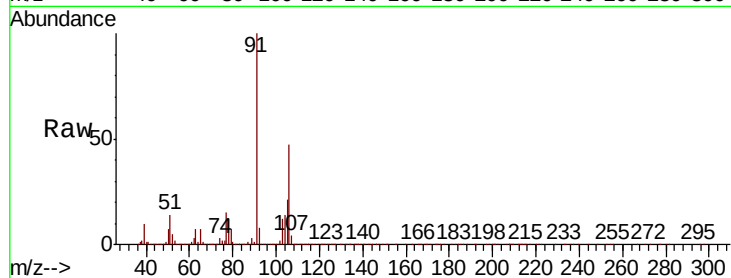
#69
o-Xylene
Concen: 52.535 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	210.7	105.1	315.3	

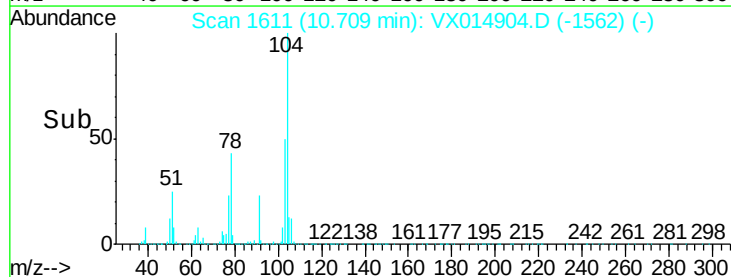
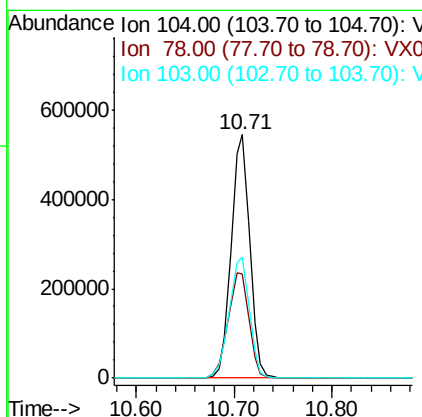
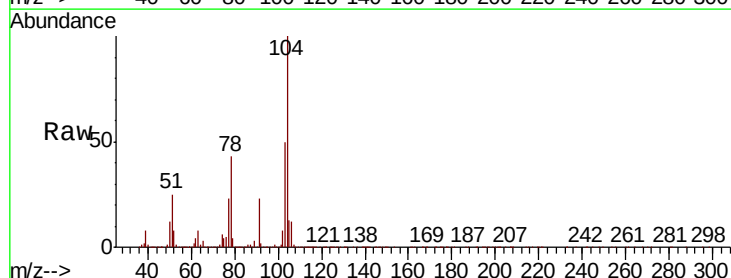
Manual Integrations
APPROVED

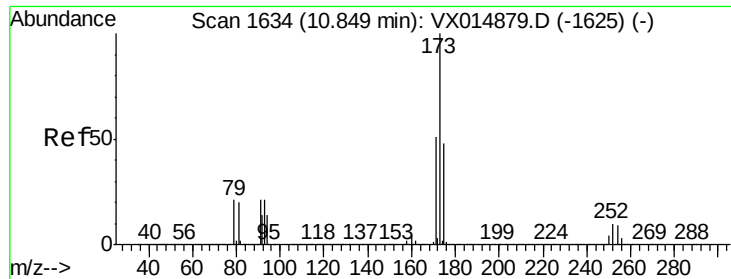
MMDadoda
2/12/2020 3:04:08 PM



#70
Styrene
Concen: 53.502 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
104	100			
78	49.0	39.0	58.4	
103	54.4	43.4	65.0	





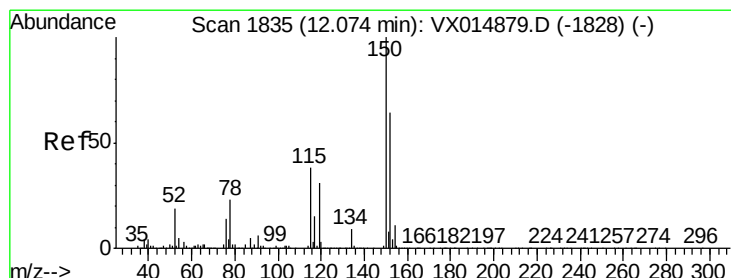
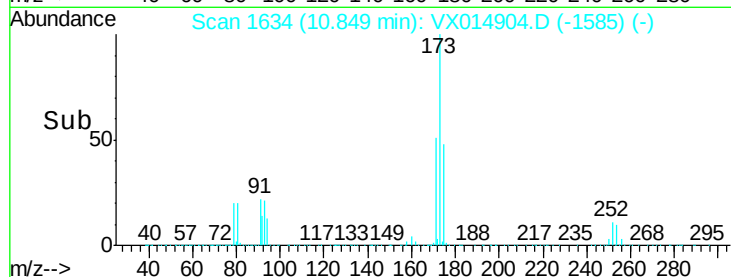
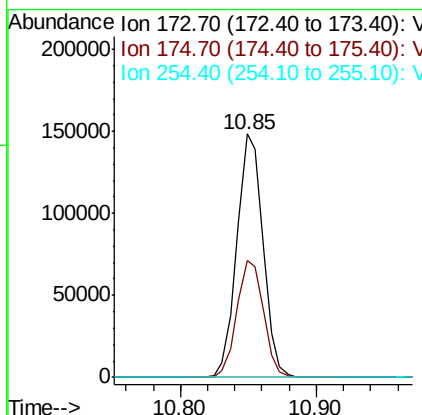
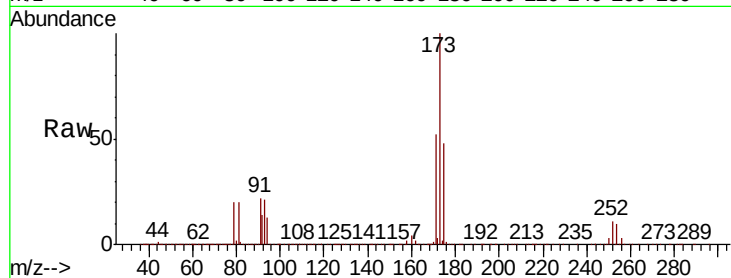
#71
Bromoform
Concen: 52.086 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.2	72.6
254	0.2	0.2	0.2

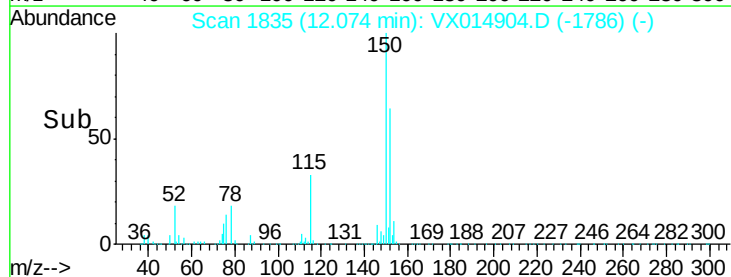
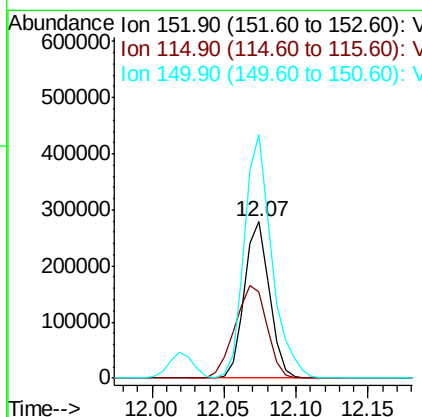
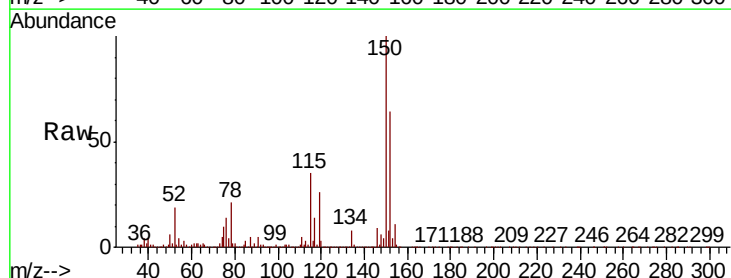
Manual Integrations
APPROVED

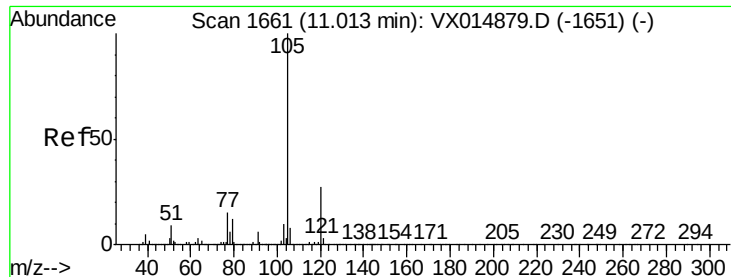
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.9	38.6	116.0
150	171.1	0.0	349.0





#73

Isopropylbenzene

Concen: 53.805 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1124110

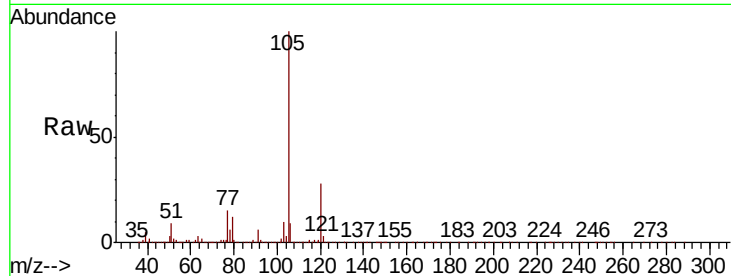
Ion Ratio Lower Upper

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

11.01

800000

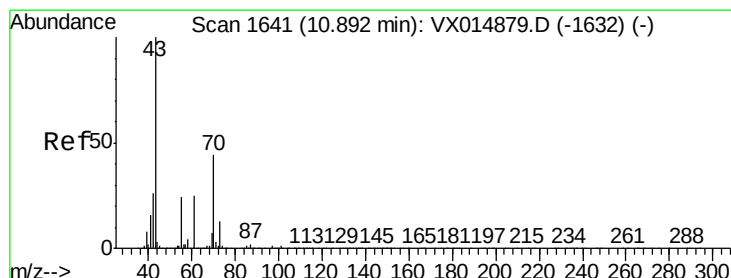
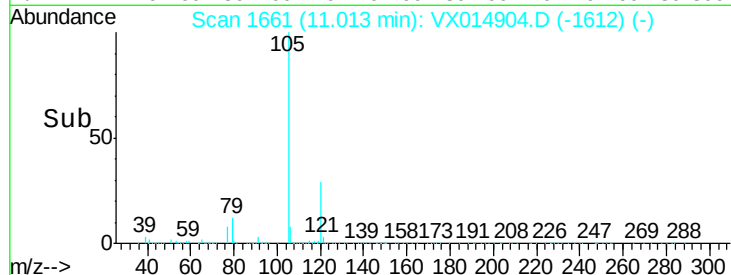
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 54.023 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion: 43 Resp: 468966

Ion Ratio Lower Upper

43 100

70 44.3 35.0 52.4

55 24.0 19.4 29.2

61 25.3 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

600000

500000

400000

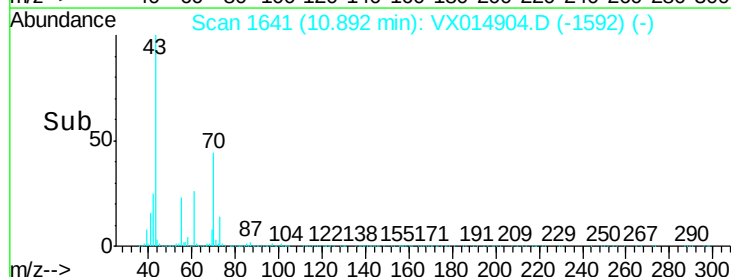
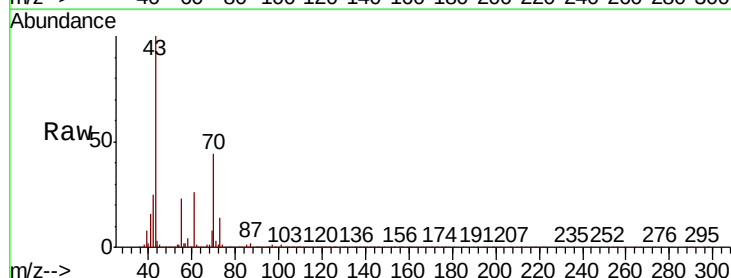
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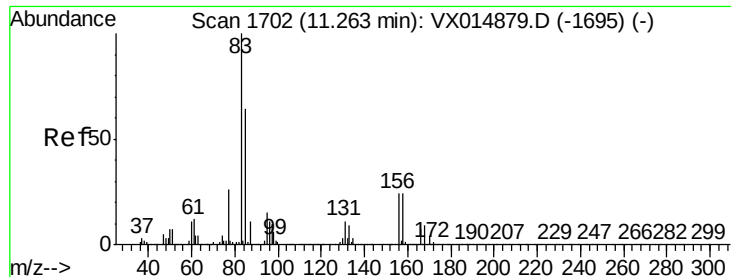
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.102 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

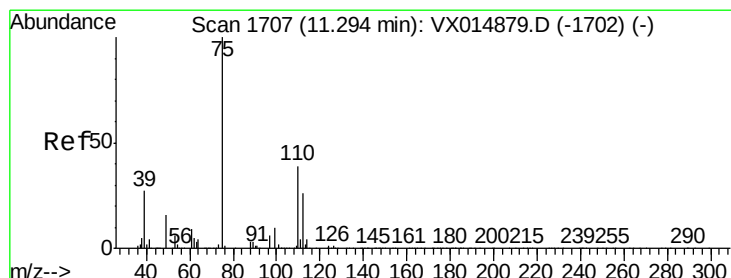
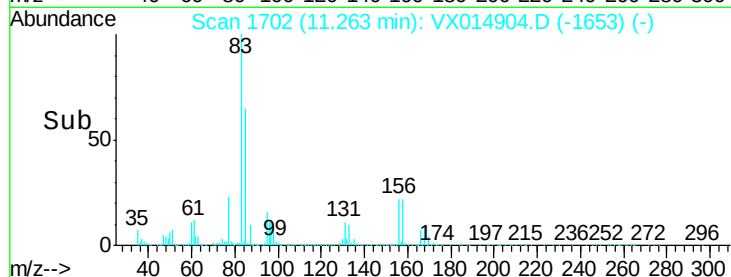
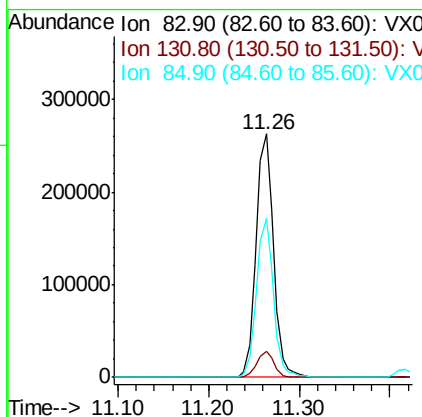
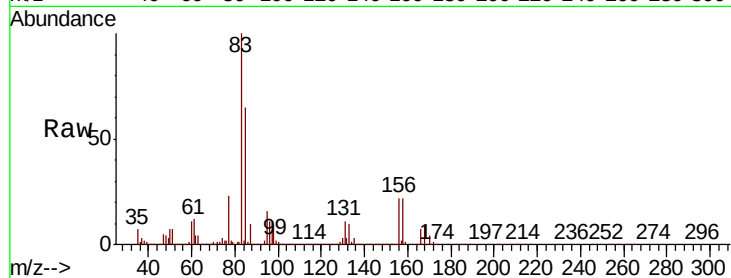
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	349003
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	63.9	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.816 ug/l m

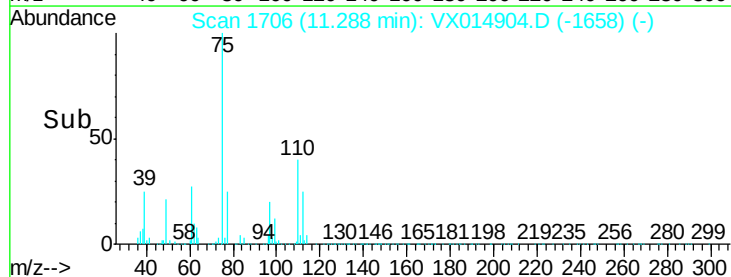
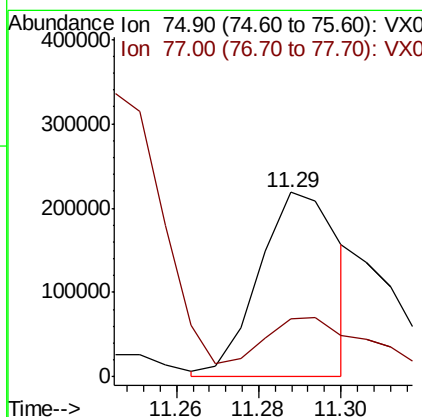
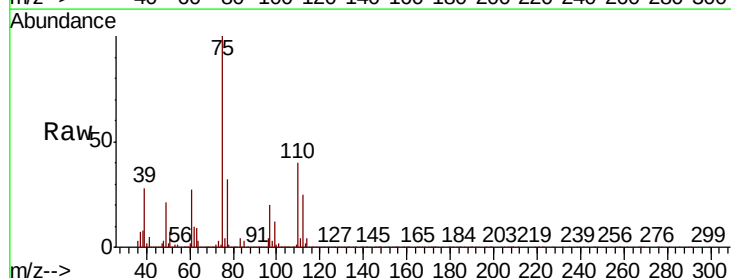
RT: 11.29 min Scan# 1706

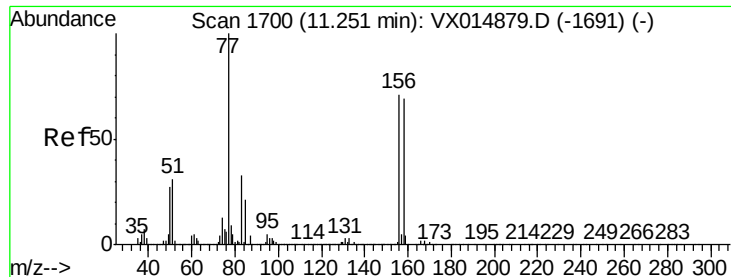
Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion:	75	Resp:	294090
Ion Ratio	Lower	Upper	
75	100		
77	44.8	18.4	55.0





#77

Bromobenzene

Concen: 50.875 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

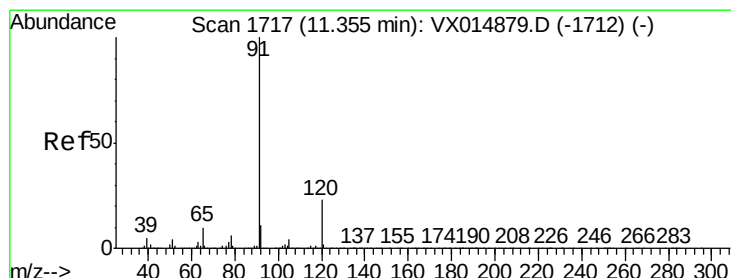
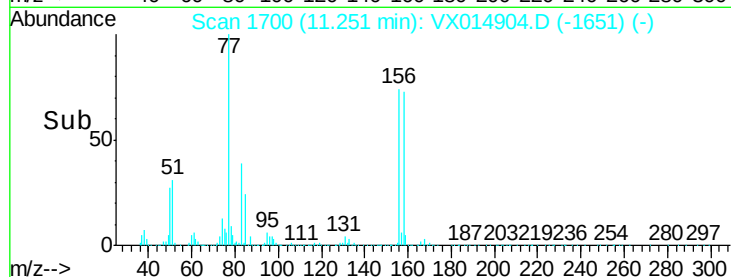
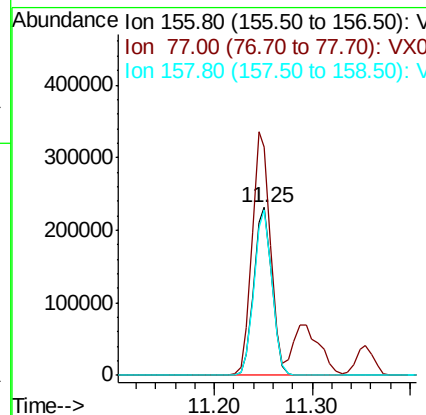
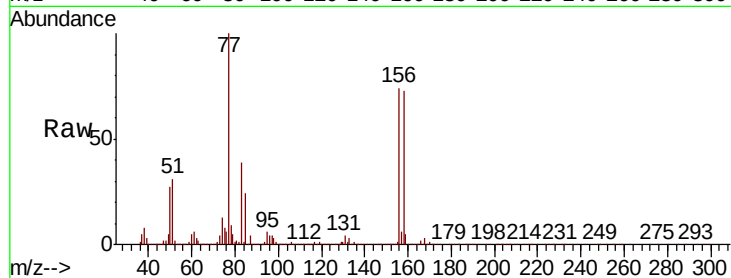
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	296668
Ion Ratio	Lower	Upper	
156	100		
77	145.5	74.0	222.0
158	97.6	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 53.074 ug/l

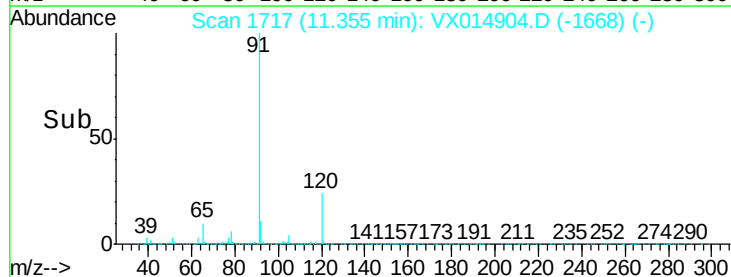
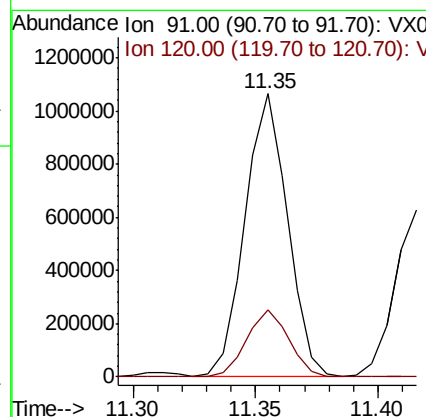
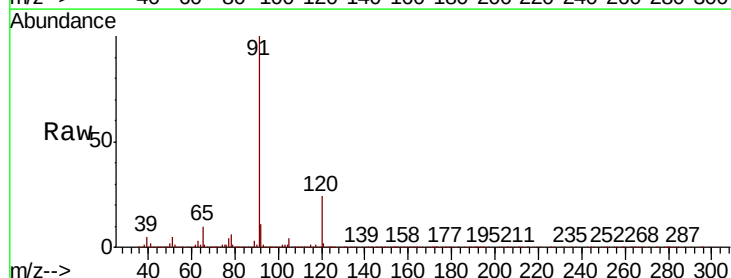
RT: 11.35 min Scan# 1717

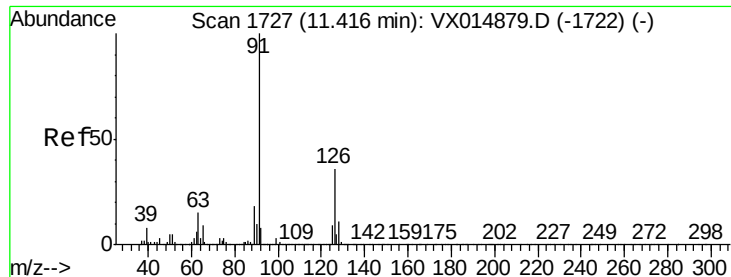
Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion:	91	Resp:	1282485
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.4





#79

2-Chlorotoluene

Concen: 52.501 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 745816

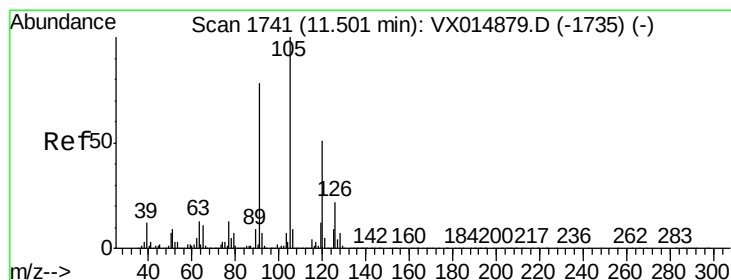
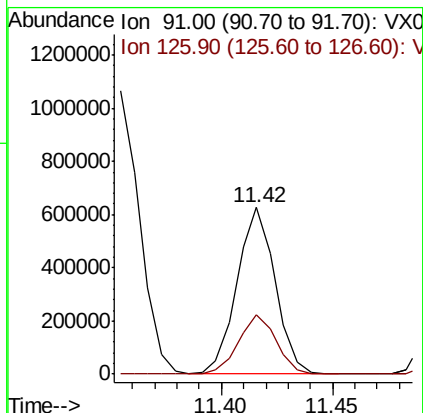
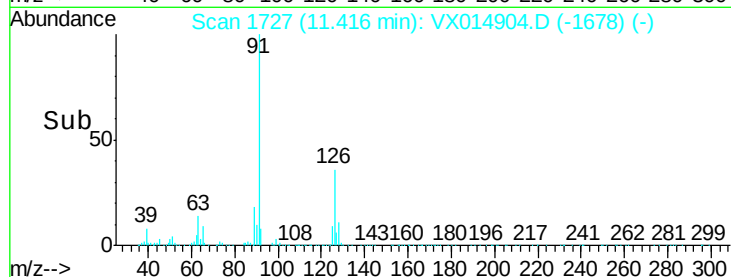
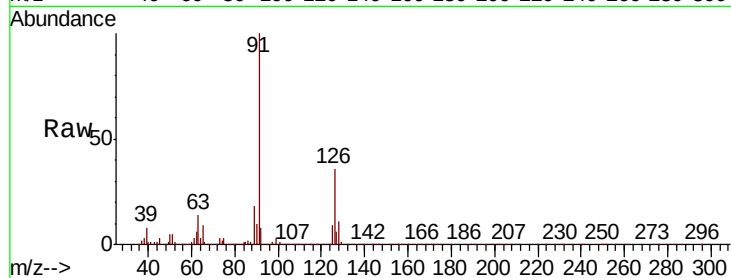
Ion Ratio Lower Upper

91 100

126 35.6 18.0 54.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 53.925 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014904.D

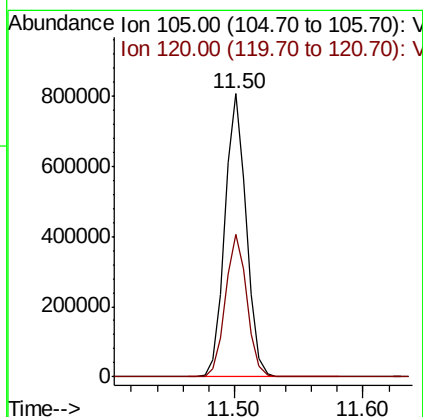
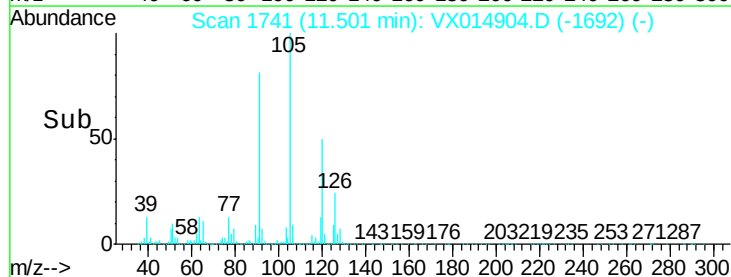
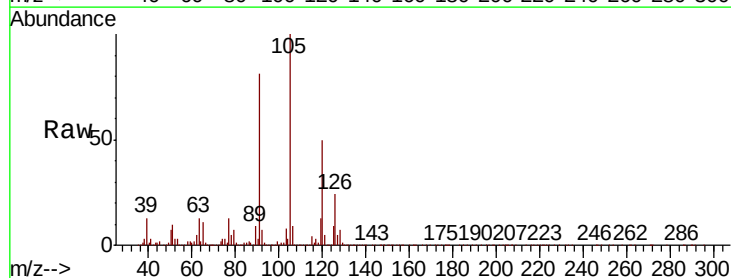
Acq: 11 Feb 2020 09:50

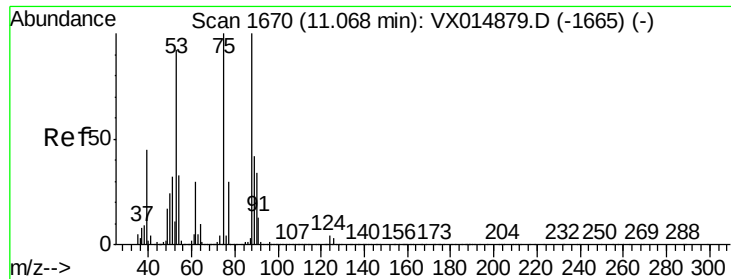
Tgt Ion: 105 Resp: 941358

Ion Ratio Lower Upper

105 100

120 50.4 25.6 76.6





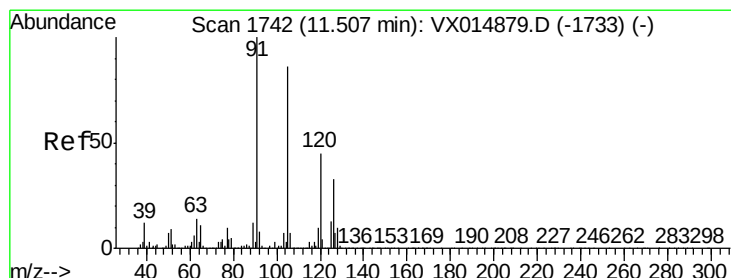
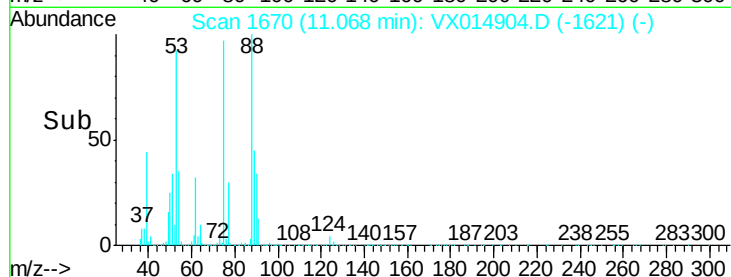
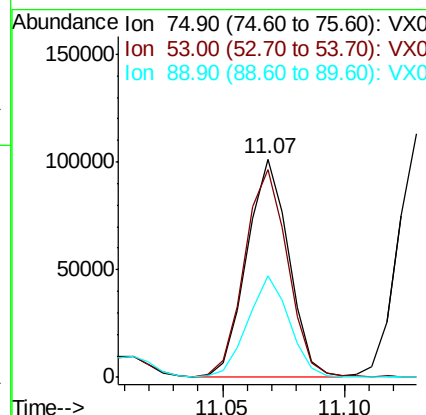
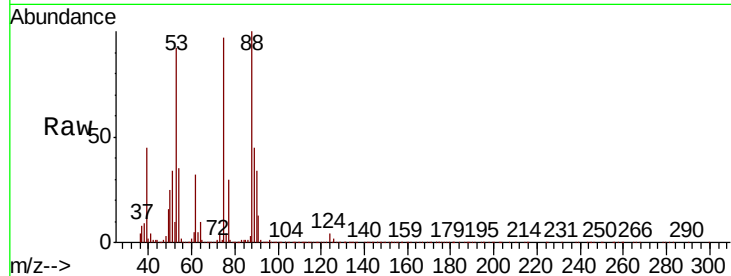
#81
trans-1,4-Dichloro-2-butene
Concen: 51.377 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	76.2	114.2
89	46.7	35.8	53.6

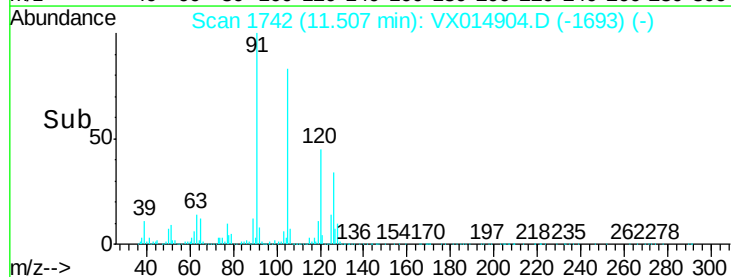
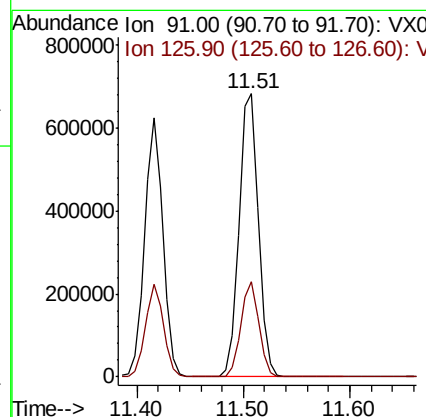
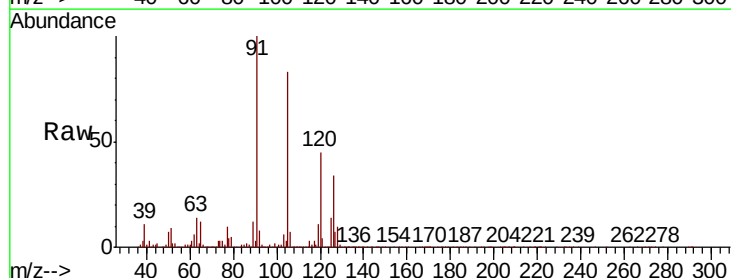
Manual Integrations
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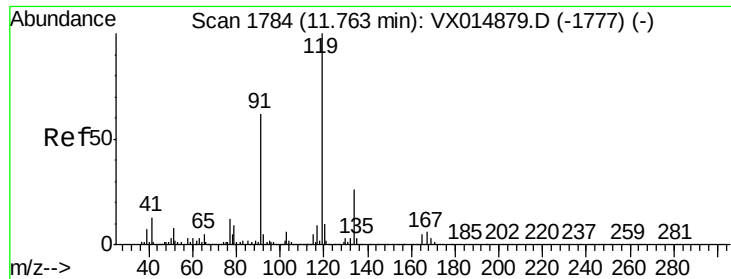
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.875 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.0





#83

tert-Butylbenzene

Concen: 54.490 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

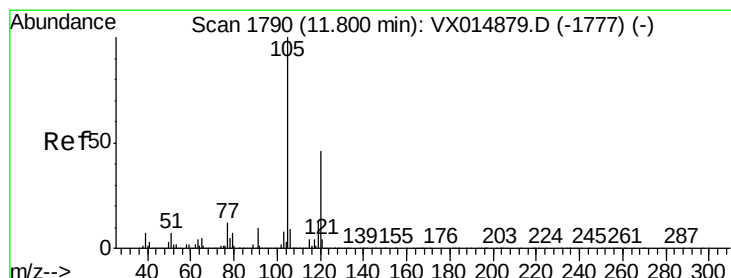
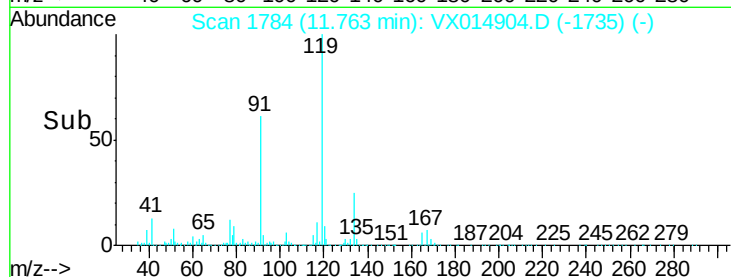
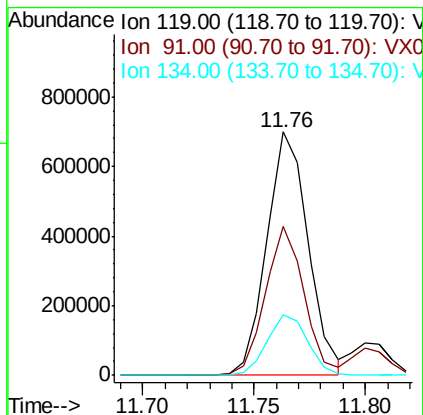
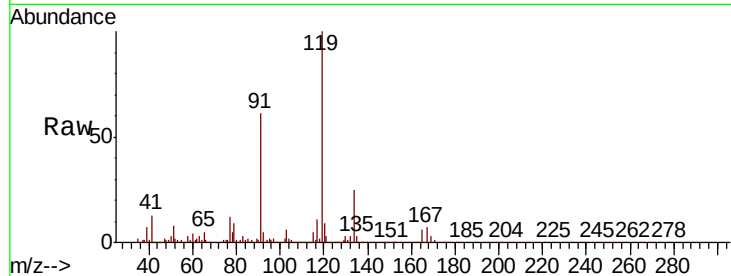
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	900755		
91	57.3	29.5	88.6	
134	24.6	12.6	37.6	

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 54.128 ug/l

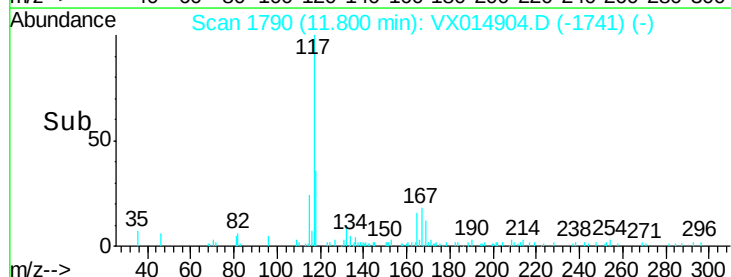
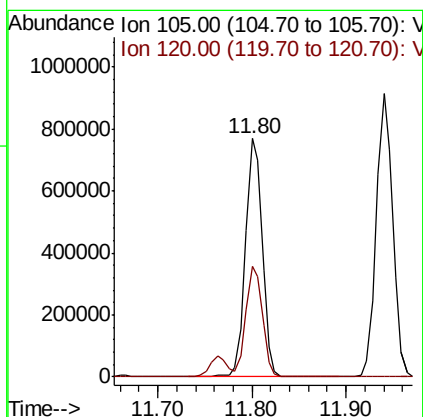
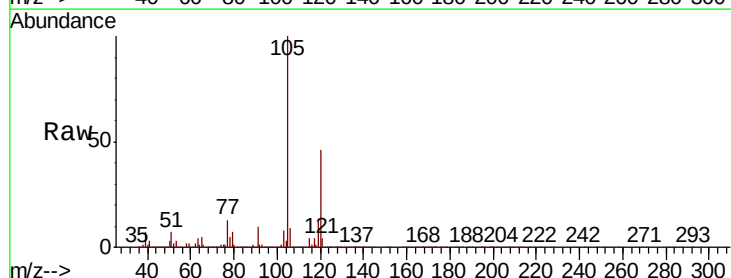
RT: 11.80 min Scan# 1790

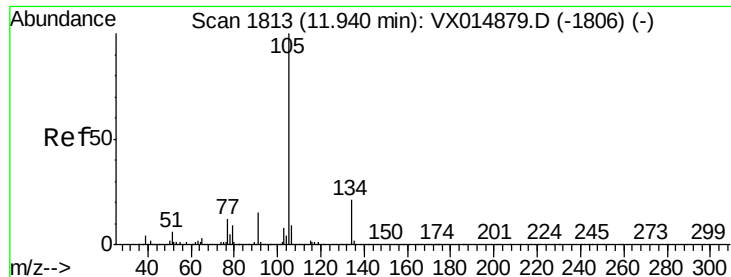
Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	952237		
120	45.4	23.0	69.0	





#85

sec-Butylbenzene

Concen: 53.622 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1101168

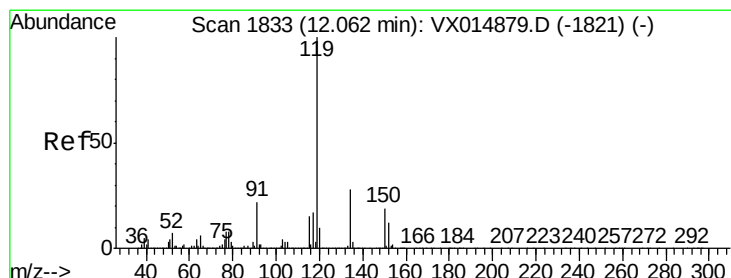
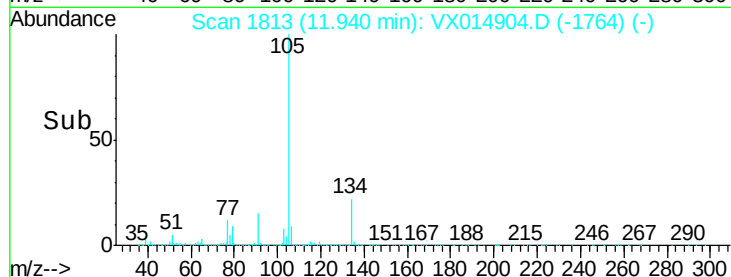
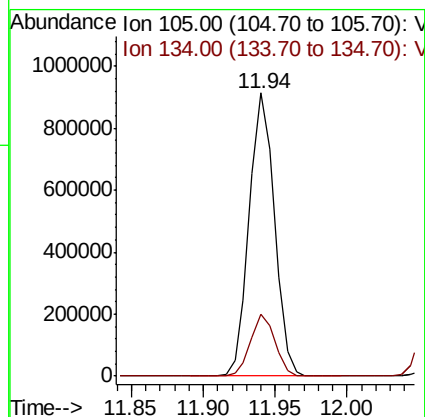
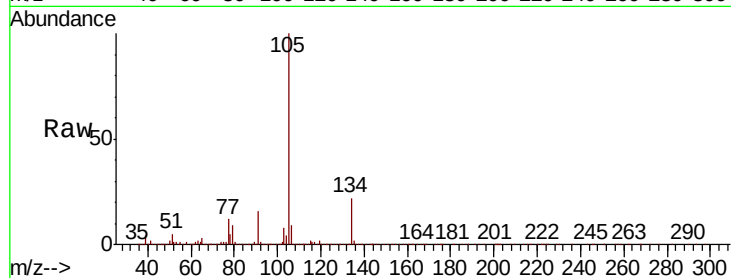
Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 53.447 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

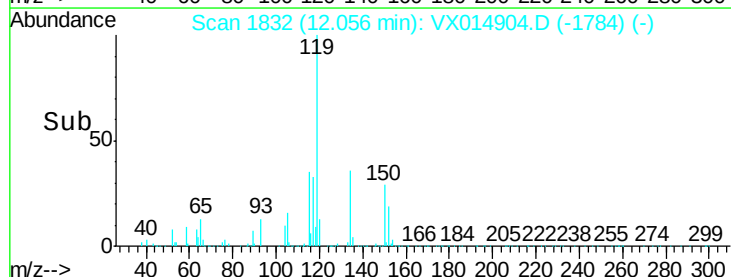
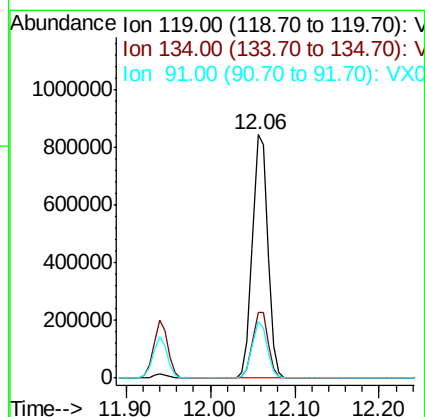
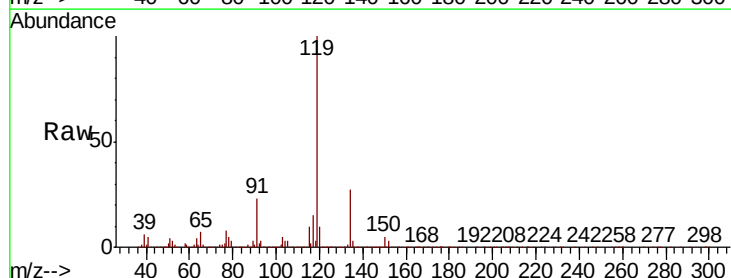
Tgt Ion:119 Resp: 1027104

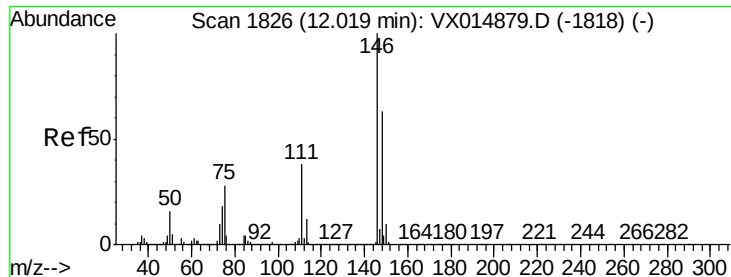
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 51.013 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

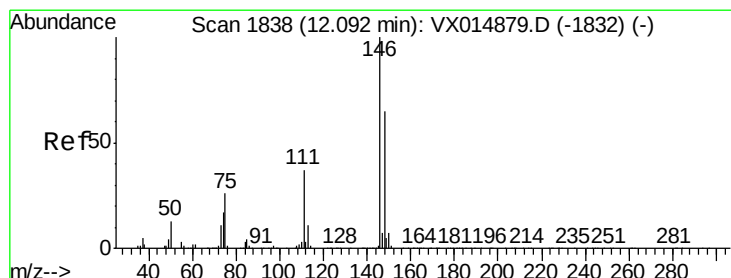
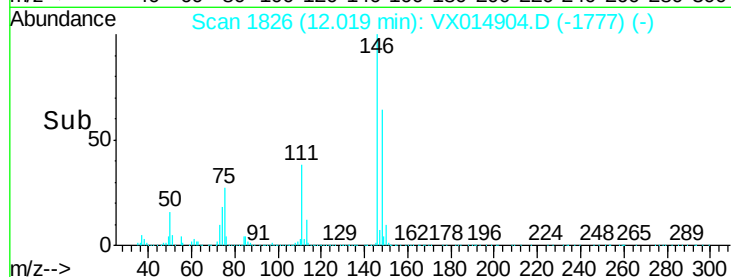
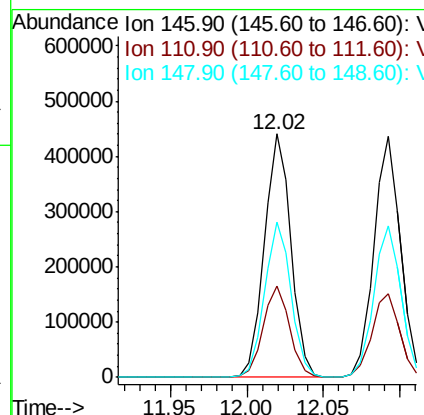
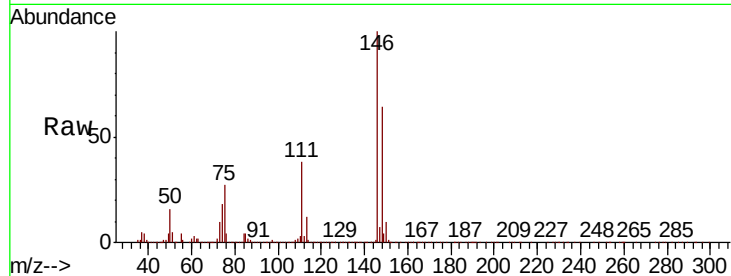
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	56.0
148	63.8	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.287 ug/l

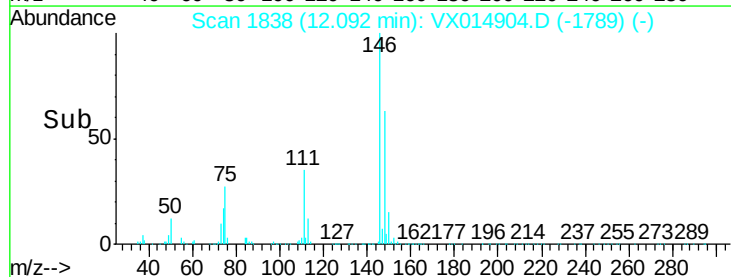
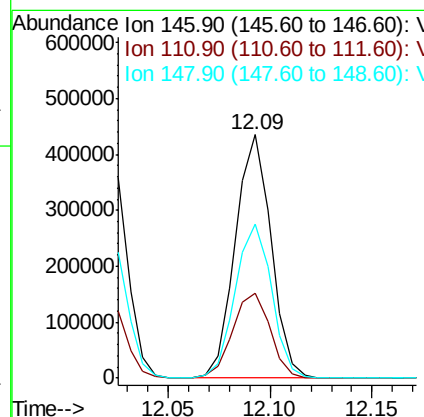
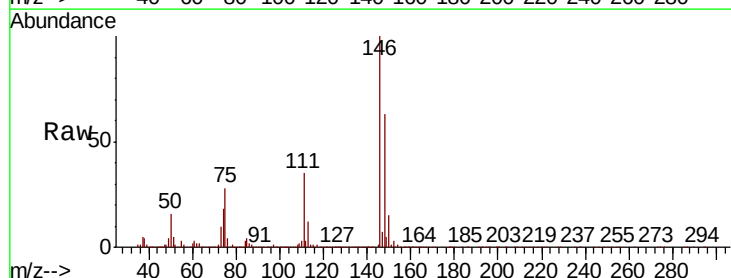
RT: 12.09 min Scan# 1838

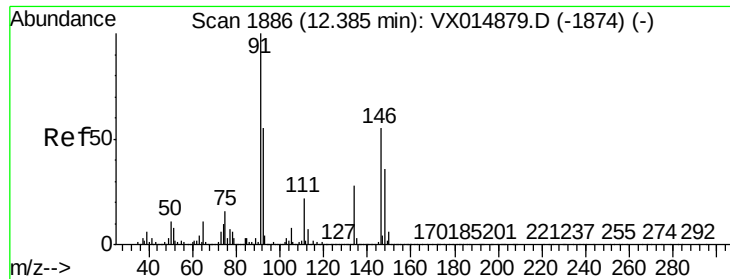
Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	64.5	32.4	97.0





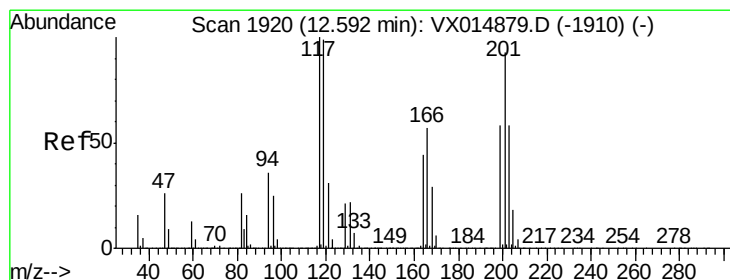
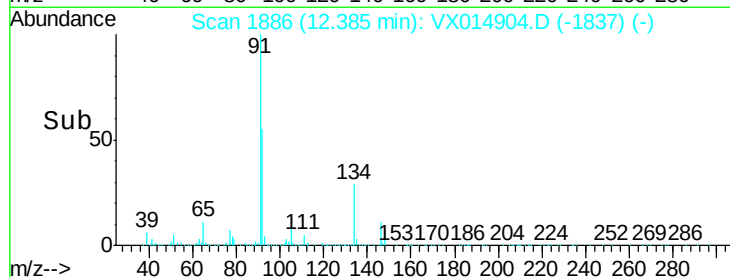
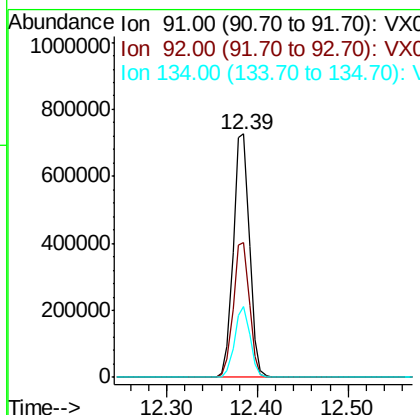
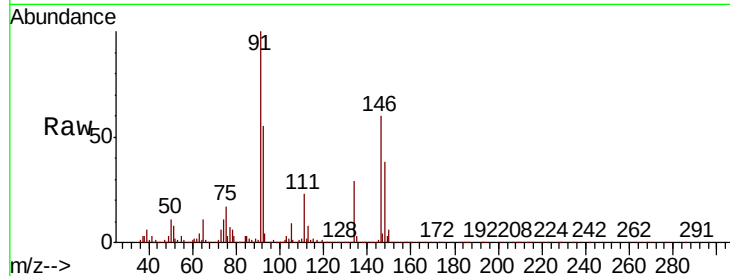
#89
n-Butylbenzene
Concen: 52.003 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.4	27.3	81.8	
134	27.8	13.8	41.4	

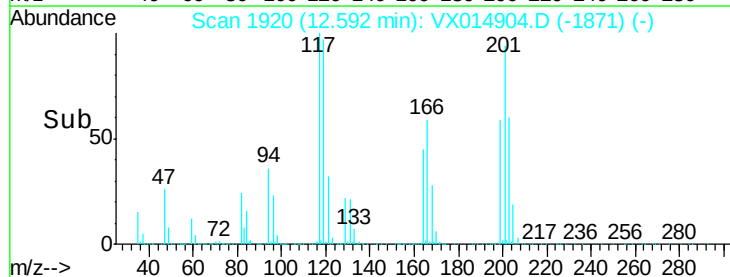
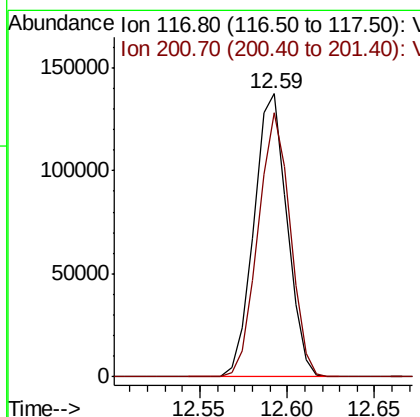
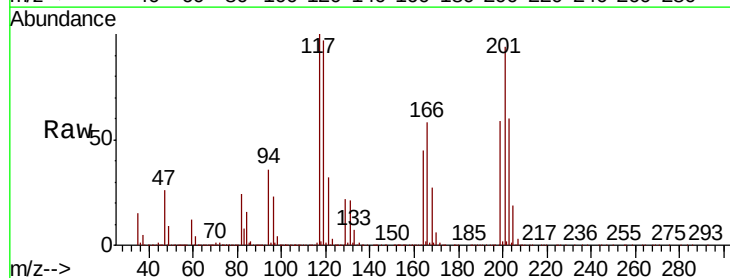
Manual Integrations
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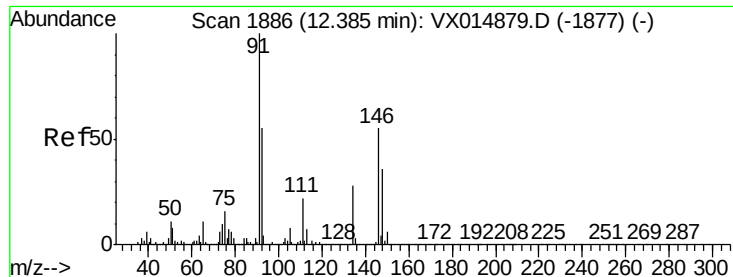
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#90
Hexachloroethane
Concen: 53.783 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	91.0	44.8	134.3	





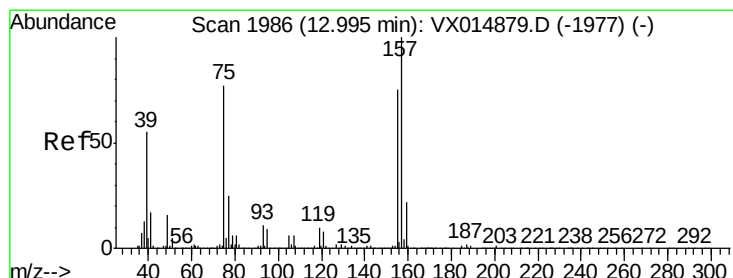
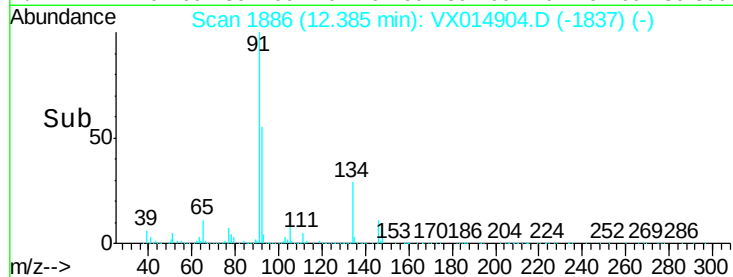
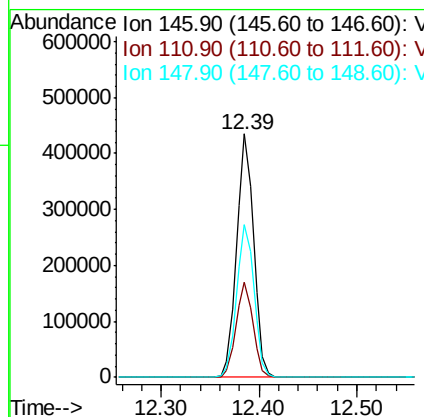
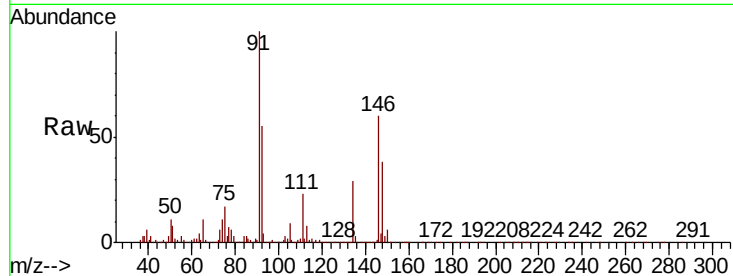
#91
 1,2-Dichlorobenzene
 Concen: 51.257 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	525837		
111	38.7	19.8	59.3	
148	64.3	32.4	97.2	

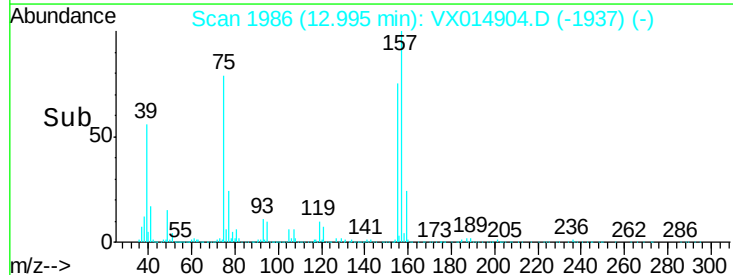
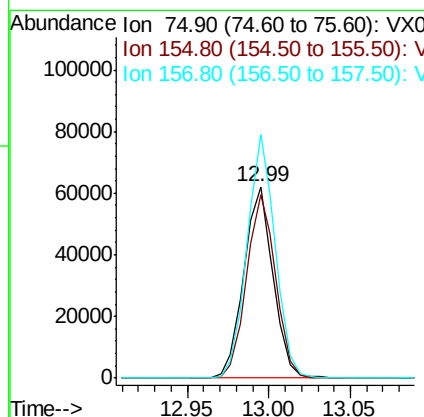
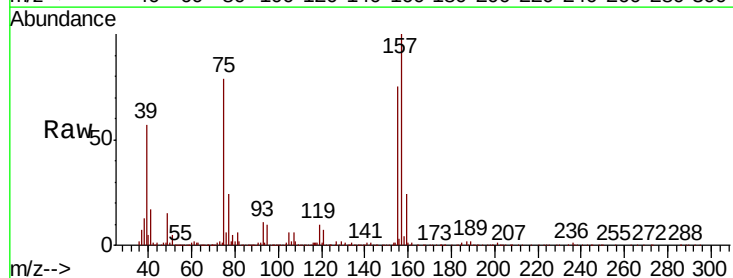
Manual Integrations
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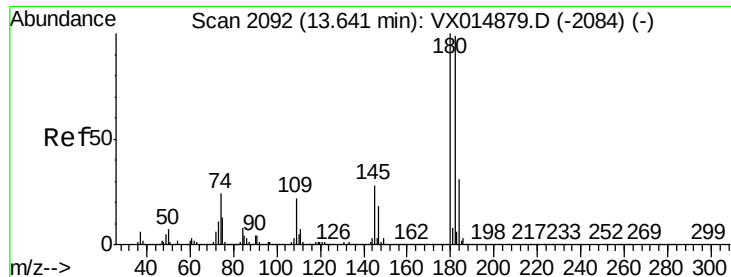
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 2/12/2020 3:04:08 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.995 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76899		
155	96.6	48.6	145.9	
157	123.6	62.0	186.0	





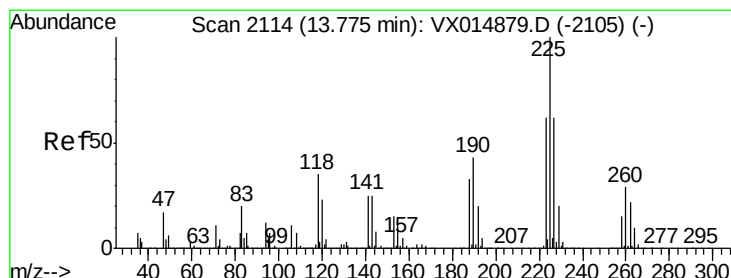
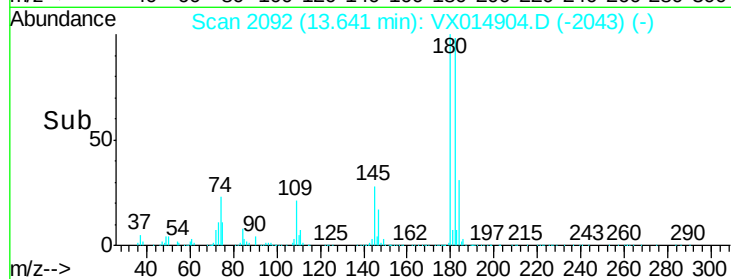
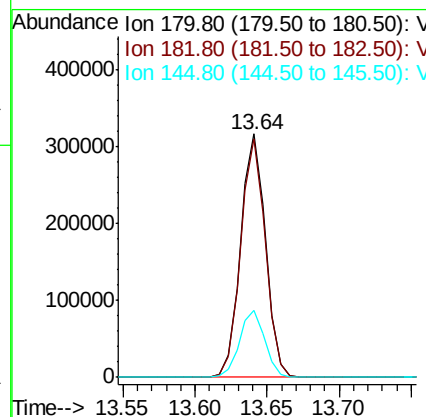
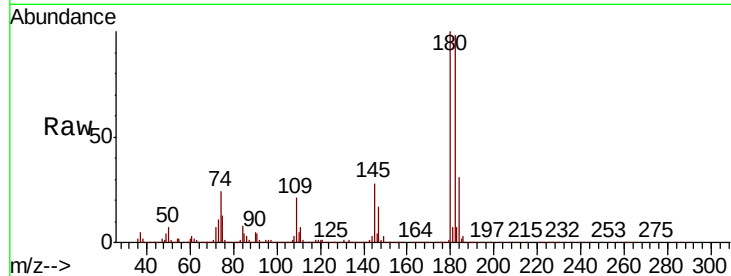
#93
1,2,4-Trichlorobenzene
Concen: 50.520 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.0	48.4	145.3	
145	27.7	14.1	42.4	

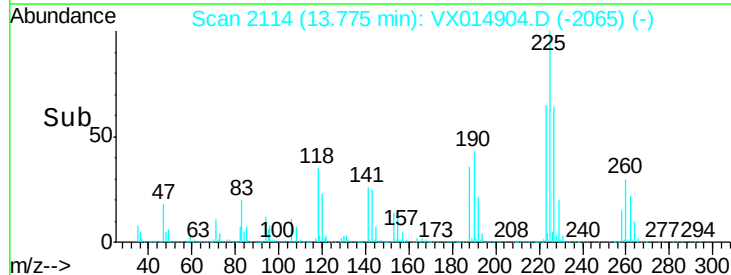
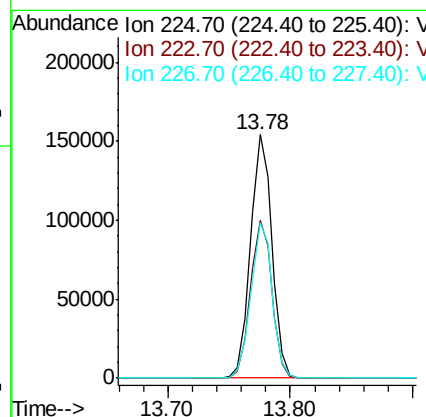
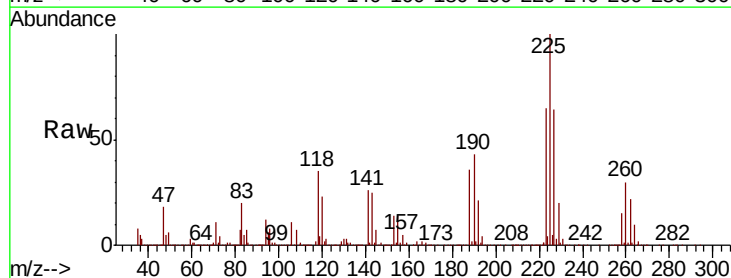
Manual Integrations
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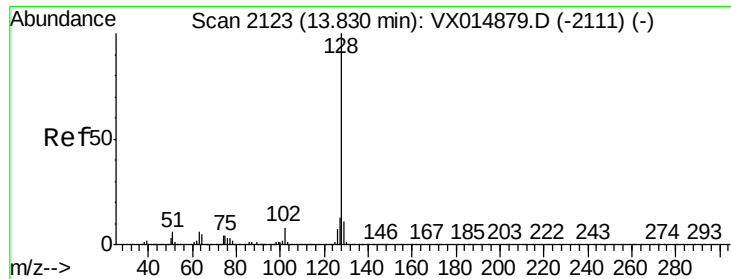
MMDadoda
2/12/2020 3:04:08 PM



#94
Hexachlorobutadiene
Concen: 51.141 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.2	31.1	93.2	
227	63.7	30.9	92.5	





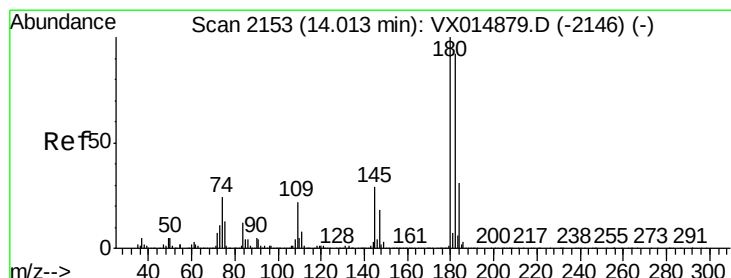
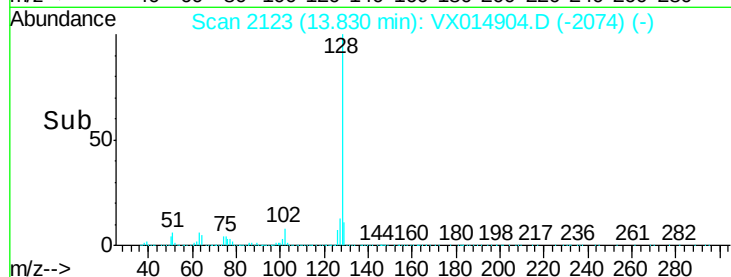
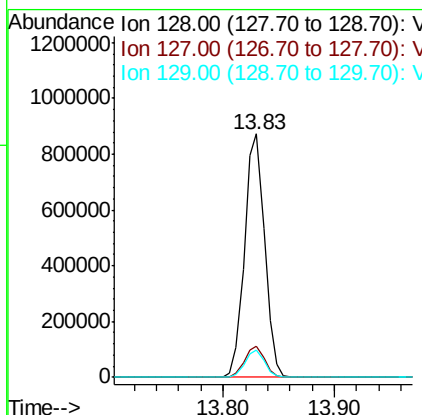
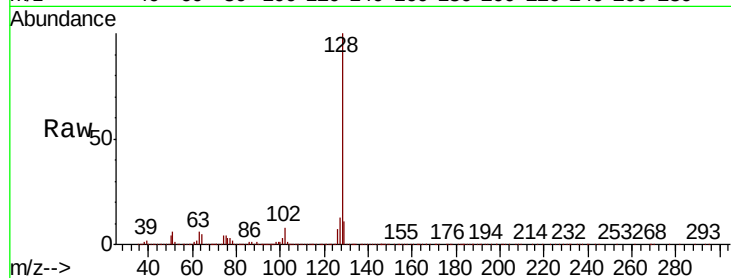
#95
Naphthalene
Concen: 54.103 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:04:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.759 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.6
145	29.5	14.5	43.5

