

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014968.D
 Acq On : 20 Feb 2020 09:57
 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

MMDadoda
 2/21/2020 9:15:20 AM

Quant Time: Feb 21 00:40:08 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	451426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	659243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	614521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	237316	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	5.48	113	196468	48.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	744328	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.13	95	272104	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	208995	48.887	ug/l	100
3) Chloromethane	1.32	50	230272	47.510	ug/l	100
4) Vinyl Chloride	1.41	62	243112	46.562	ug/l	98
5) Bromomethane	1.63	94	159011	47.049	ug/l	99
6) Chloroethane	1.72	64	156573	46.866	ug/l	100
7) Trichlorofluoromethane	1.92	101	350043	47.984	ug/l	98
8) Diethyl Ether	2.18	74	143360	47.390	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	204412	48.274	ug/l	98
10) Methyl Iodide	2.50	142	231760	49.174	ug/l	99
11) Tert butyl alcohol	3.02	59	205274	228.199	ug/l	99
12) 1,1-Dichloroethene	2.37	96	197791	47.801	ug/l	98
13) Acrolein	2.28	56	145687	212.497	ug/l	98
14) Allyl chloride	2.72	41	343258	46.790	ug/l	100
15) Acrylonitrile	3.12	53	544344	238.705	ug/l	99
16) Acetone	2.43	43	732161	268.333	ug/l	100
17) Carbon Disulfide	2.56	76	510650	44.170	ug/l	100
18) Methyl Acetate	2.76	43	254346	49.569	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	658841	48.925	ug/l	98
20) Methylene Chloride	2.85	84	222847	45.470	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	209516	45.889	ug/l	100
22) Diisopropyl ether	3.84	45	708469	50.564	ug/l	96
23) Vinyl Acetate	3.80	43	2979486	257.958	ug/l	99
24) 1,1-Dichloroethane	3.69	63	384736	48.653	ug/l	99
25) 2-Butanone	4.65	43	885413	255.275	ug/l	99
26) 2,2-Dichloropropane	4.57	77	325982	47.834	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	245854	48.172	ug/l	98
28) Bromochloromethane	5.00	49	157183	51.282	ug/l	99
29) Tetrahydrofuran	5.11	42	476416	241.627	ug/l	99
30) Chloroform	5.20	83	383654	48.900	ug/l	100
31) Cyclohexane	5.57	56	341943	47.476	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	332871	48.502	ug/l	100
36) 1,1-Dichloropropene	5.79	75	289214	49.043	ug/l	99
37) Ethyl Acetate	4.81	43	299702	48.727	ug/l	99
38) Carbon Tetrachloride	5.77	117	288147	50.139	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	362848	49.198	ug/l	98
40) Benzene	6.13	78	865072	49.097	ug/l	99
41) Methacrylonitrile	5.02	41	169440	51.137	ug/l	99
42) 1,2-Dichloroethane	6.18	62	313931	49.297	ug/l	99
43) Isopropyl Acetate	6.43	43	504036	49.677	ug/l	99
44) Trichloroethene	7.20	130	247921	48.470	ug/l	100
45) 1,2-Dichloropropane	7.50	63	224223	49.899	ug/l	99
46) Dibromomethane	7.65	93	149752	48.754	ug/l	99
47) Bromodichloromethane	7.89	83	306303	50.294	ug/l	97
48) Methyl methacrylate	7.76	41	253073	50.683	ug/l	100
49) 1,4-Dioxane	7.73	88	93974	1006.587	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1535361	250.609	ug/l	99
52) Toluene	8.78	92	553800	49.487	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	335640	50.286	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	370813	50.290	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	229080	50.596	ug/l	98
56) Ethyl methacrylate	9.17	69	347579	51.074	ug/l	100
57) 1,3-Dichloropropane	9.36	76	377322	49.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	924548	259.770	ug/l	99
59) 2-Hexanone	9.48	43	1261827	262.033	ug/l	100
60) Dibromochloromethane	9.57	129	253217	51.969	ug/l	99
61) 1,2-Dibromoethane	9.67	107	238060	48.731	ug/l	100
64) Tetrachloroethene	9.33	164	256142	44.581	ug/l	99
65) Chlorobenzene	10.13	112	607098	48.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	229294	50.672	ug/l	100
67) Ethyl Benzene	10.25	91	1076165	50.768	ug/l	99
68) m/p-Xylenes	10.36	106	825719	101.116	ug/l	98
69) o-Xylene	10.69	106	394825	50.298	ug/l	100
70) Styrene	10.70	104	686540	51.698	ug/l	100
71) Bromoform	10.85	173	191531	50.709	ug/l	99
73) Isopropylbenzene	11.01	105	1068281	52.235	ug/l	99
74) N-amyl acetate	10.89	43	445820	52.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	332656	49.759	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	285689m	48.444	ug/l	
77) Bromobenzene	11.25	156	278123	48.724	ug/l	100
78) n-propylbenzene	11.35	91	1228575	51.940	ug/l	100
79) 2-Chlorotoluene	11.42	91	715414	51.447	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	897951	52.548	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113801	49.395	ug/l	97
82) 4-Chlorotoluene	11.50	91	832406	50.548	ug/l	100
83) tert-Butylbenzene	11.76	119	864568	53.428	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	905159	52.561	ug/l	100
85) sec-Butylbenzene	11.94	105	1059759	52.718	ug/l	99
86) p-Isopropyltoluene	12.06	119	984960	52.359	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	507486	49.558	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	508783	48.653	ug/l	99
89) n-Butylbenzene	12.38	91	869127	51.587	ug/l	100
90) Hexachloroethane	12.59	117	175913	53.548	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	502207	50.009	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	71899	45.842	ug/l	99

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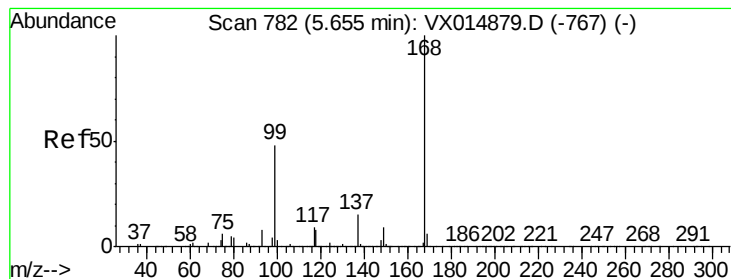
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	363443	49.032	ug/l	99
94) Hexachlorobutadiene	13.78	225	181759	50.697	ug/l	98
95) Naphthalene	13.83	128	1031953	52.362	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	361079	50.421	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: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 451426

Ion Ratio Lower Upper

168 100

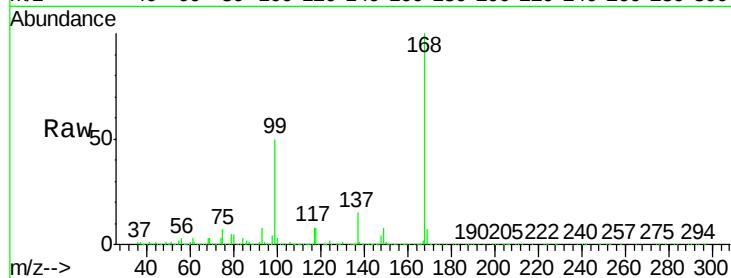
99 49.6 38.7 58.1

Manual Integrations

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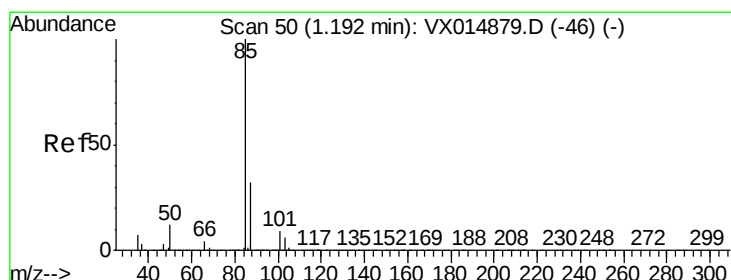
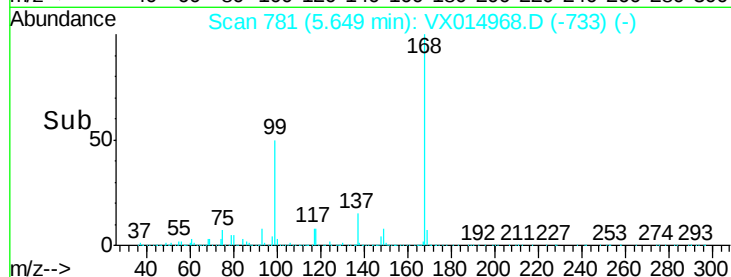
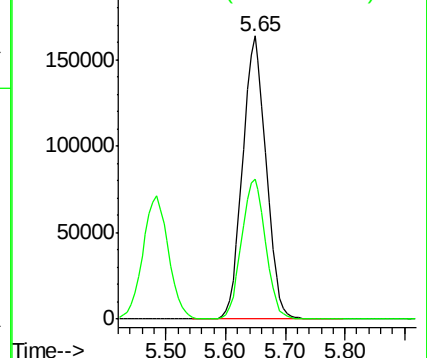
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.887 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014968.D

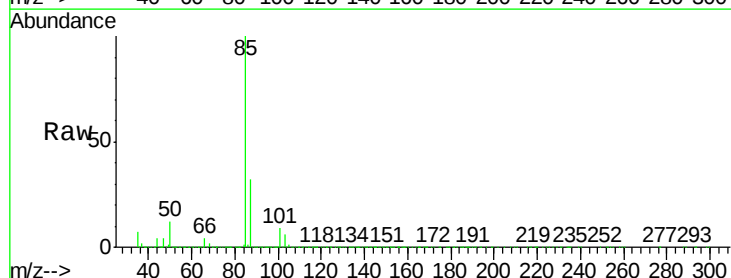
Acq: 20 Feb 2020 09:57

Tgt Ion: 85 Resp: 208995

Ion Ratio Lower Upper

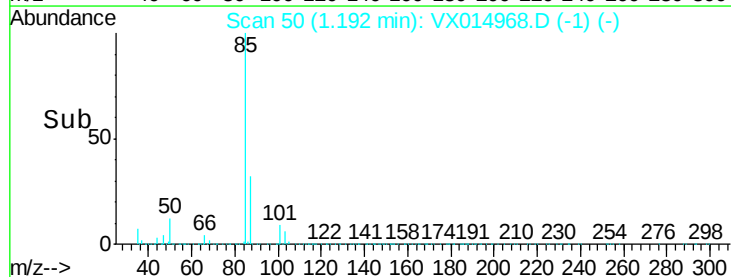
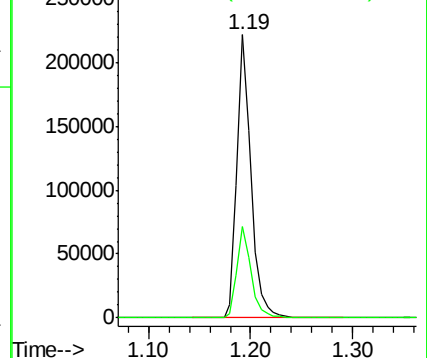
85 100

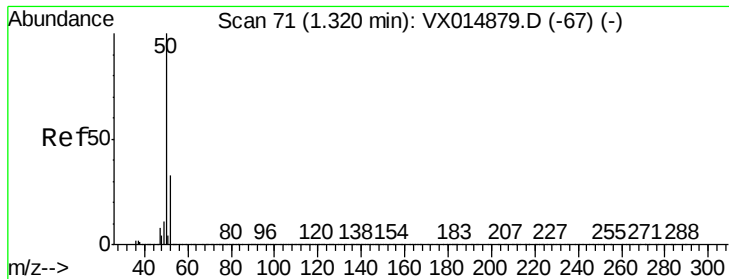
87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.510 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 230272

Ion Ratio Lower Upper

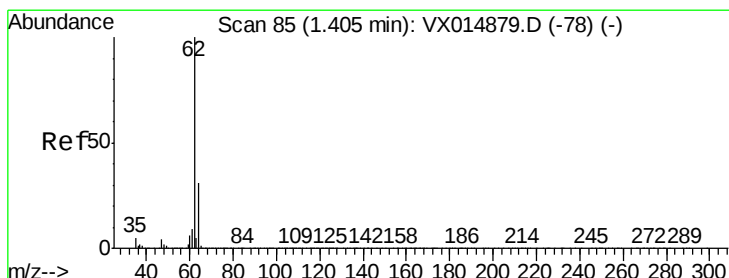
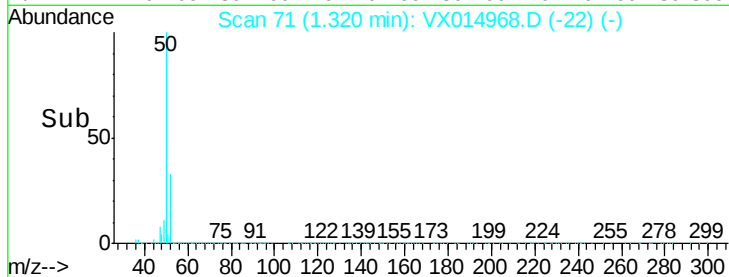
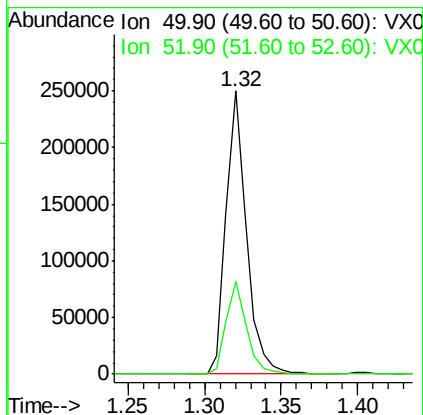
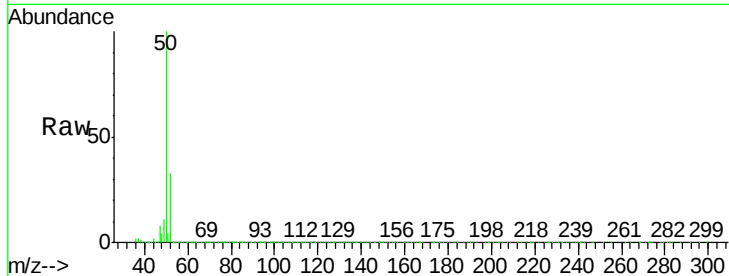
50 100

52 32.6 26.2 39.2

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#4

Vinyl Chloride

Concen: 46.562 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.00 min

Lab File: VX014968.D

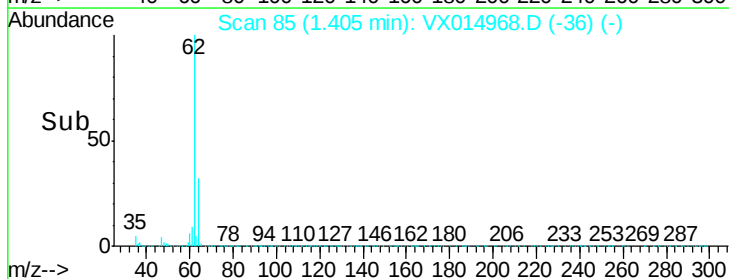
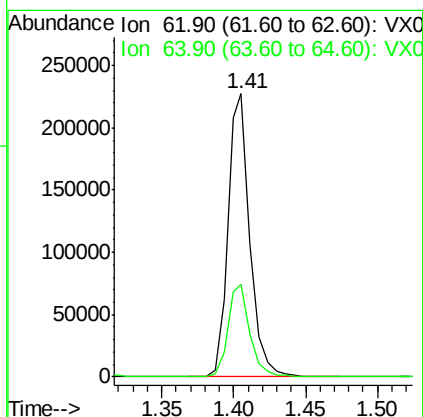
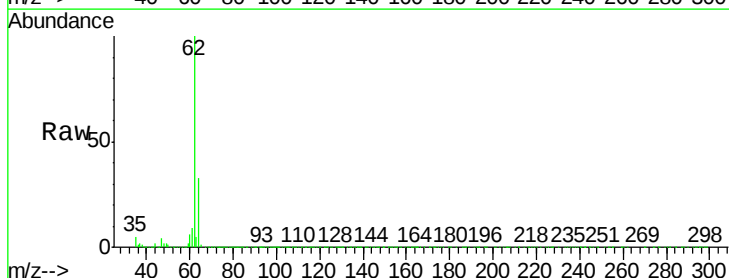
Acq: 20 Feb 2020 09:57

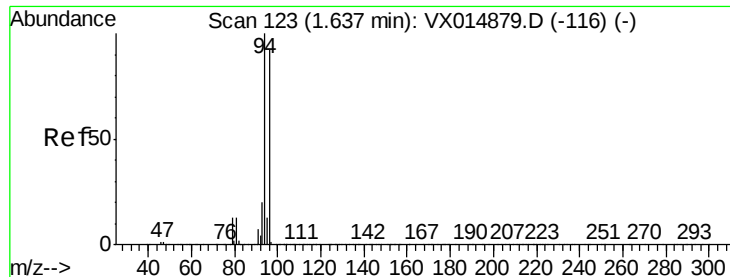
Tgt Ion: 62 Resp: 243112

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 47.049 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 159011

Ion Ratio Lower Upper

94 100

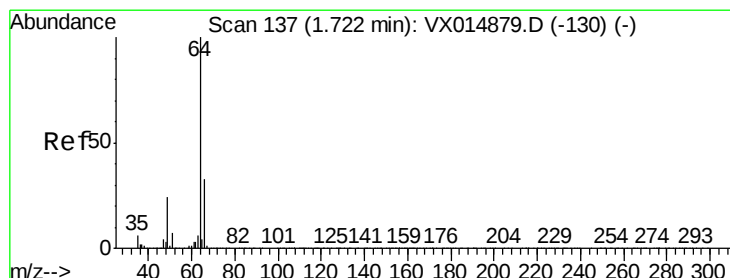
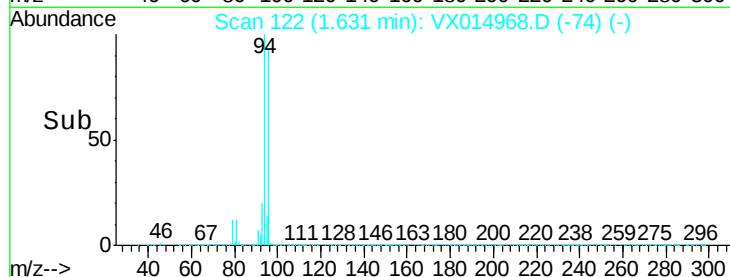
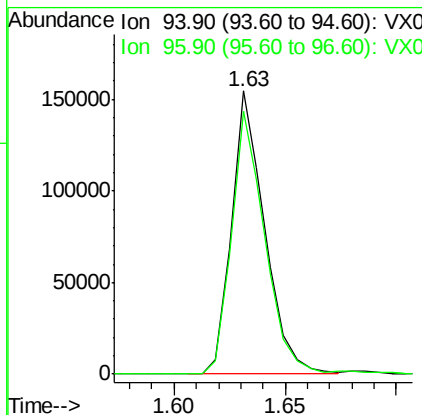
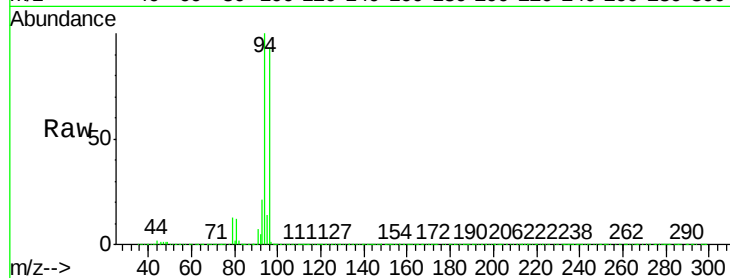
96 92.7 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 46.866 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014968.D

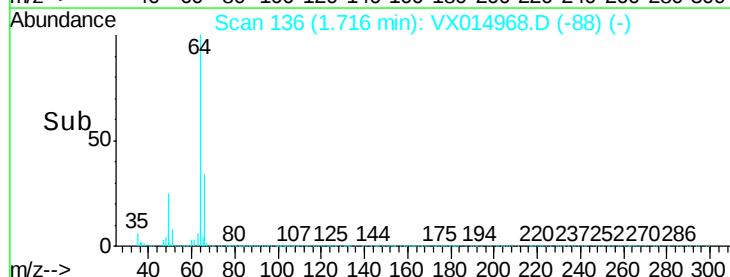
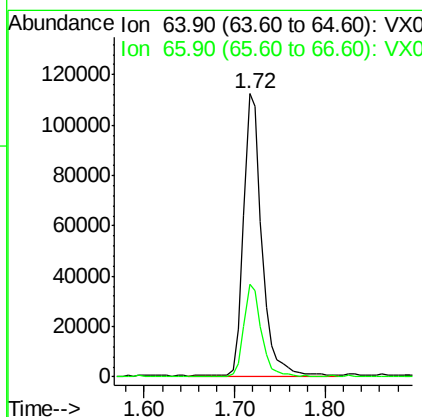
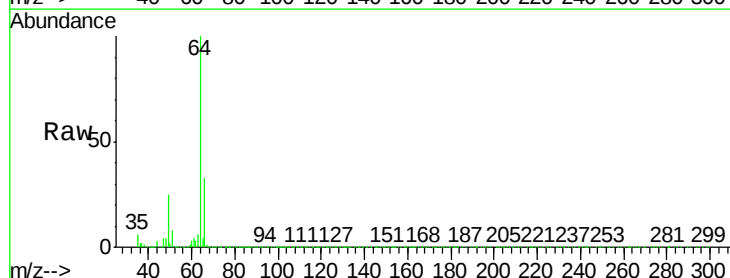
Acq: 20 Feb 2020 09:57

Tgt Ion: 64 Resp: 156573

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.4





#7

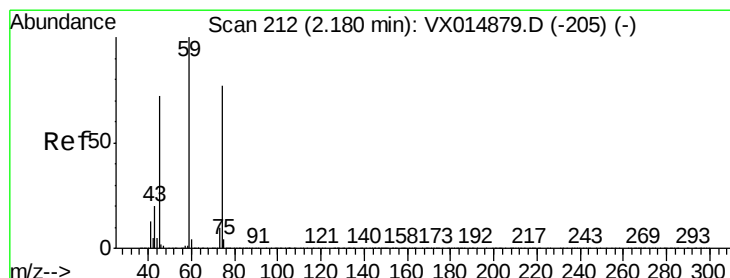
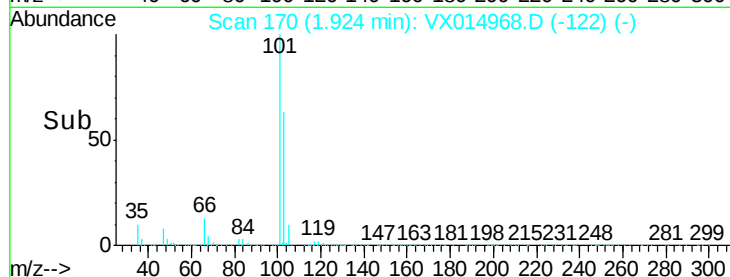
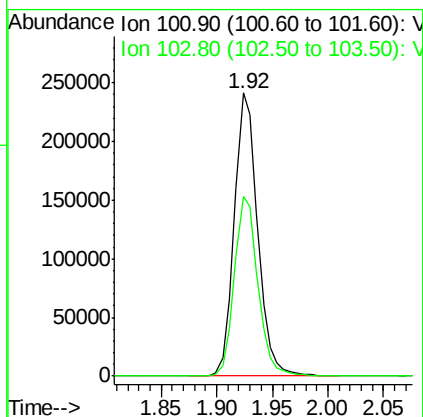
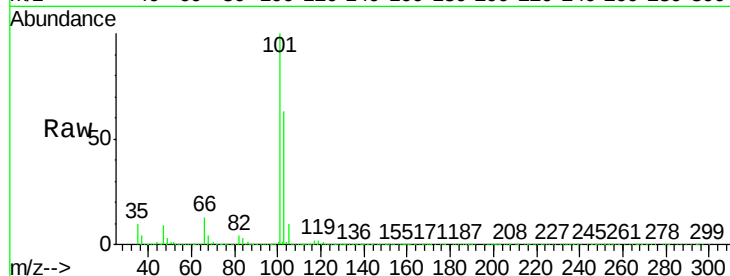
Trichlorofluoromethane
Concen: 47.984 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.2	78.4

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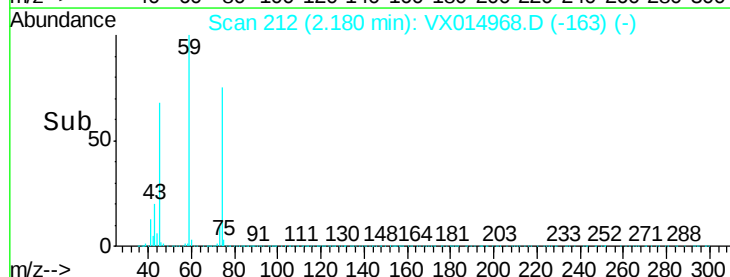
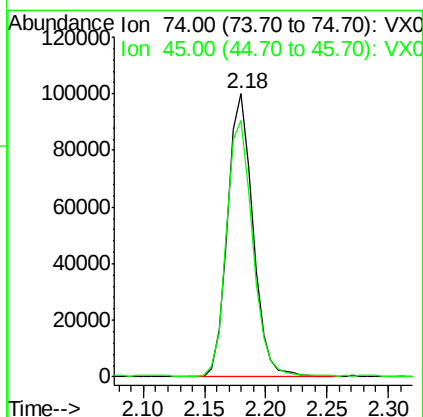
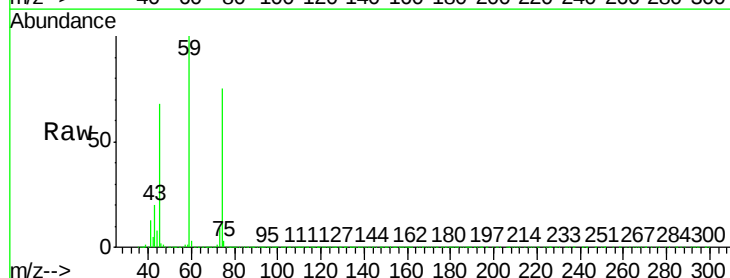
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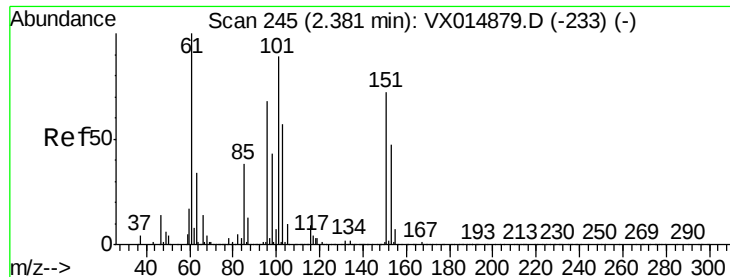


#8

Diethyl Ether
Concen: 47.390 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.274 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

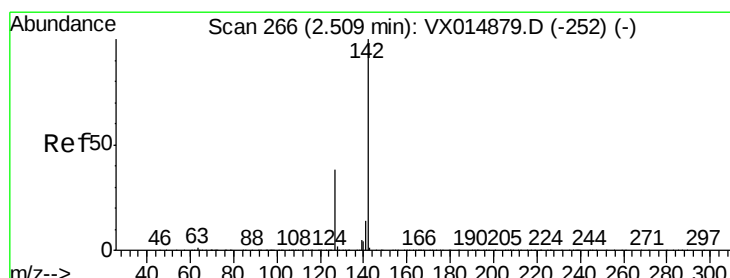
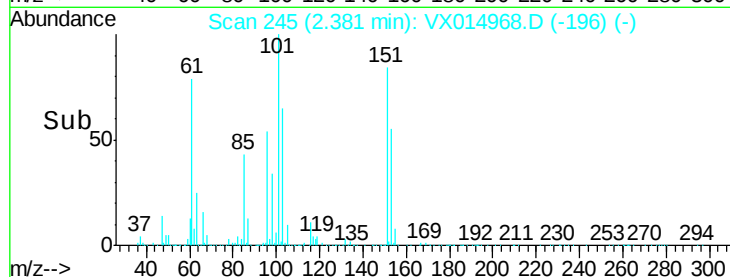
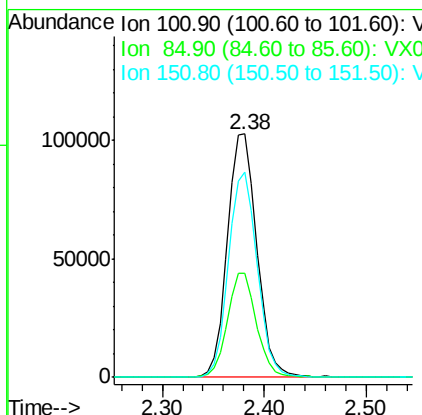
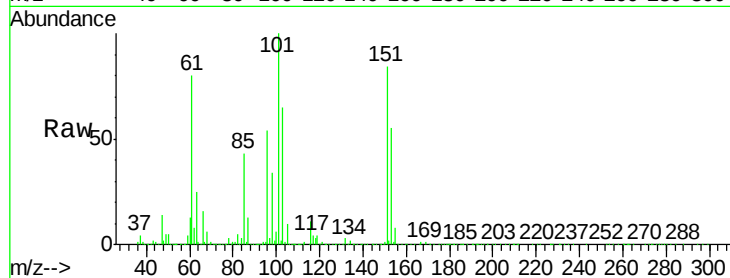
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	204412
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.1	51.1
151	82.5	67.3	100.9

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2/21/2020 9:15:20 AM



#10

Methyl Iodide

Concen: 49.174 ug/l

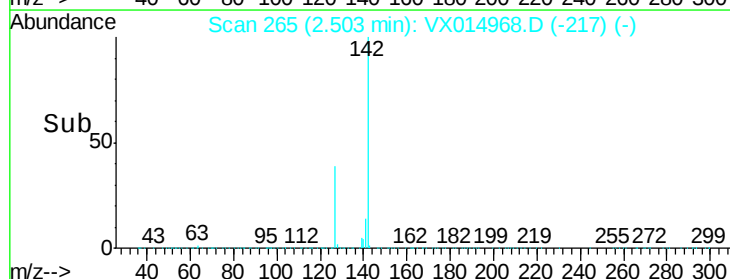
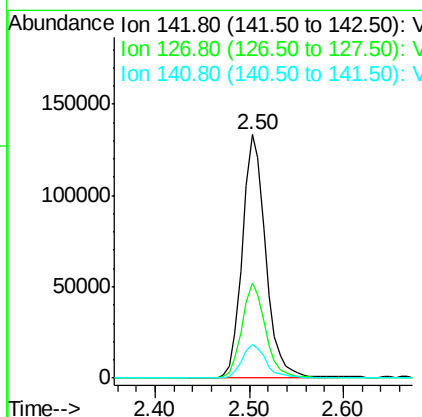
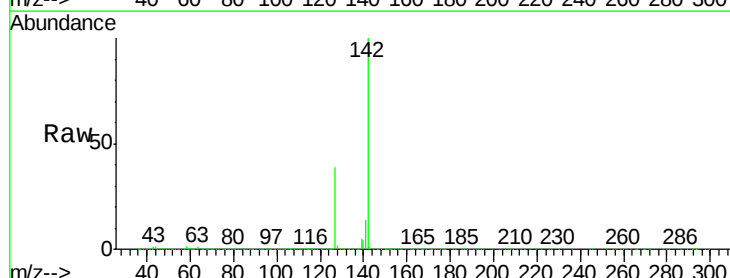
RT: 2.50 min Scan# 265

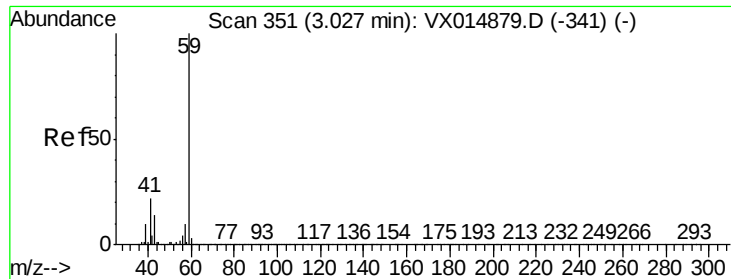
Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion:	142	Resp:	231760
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.1	46.7
141	14.4	11.3	16.9





#11

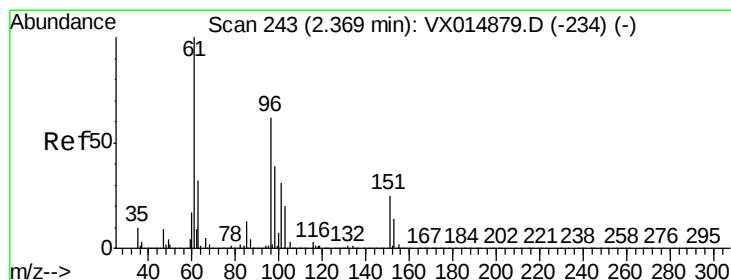
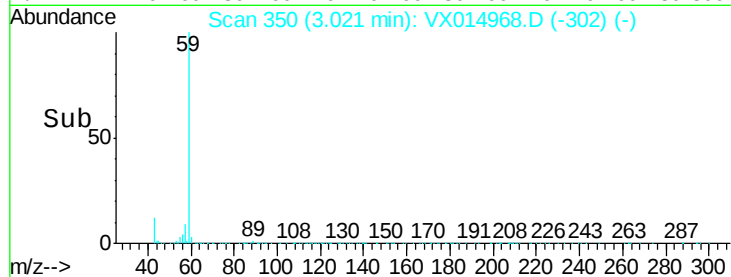
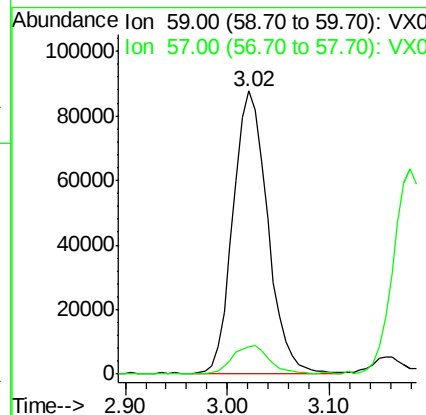
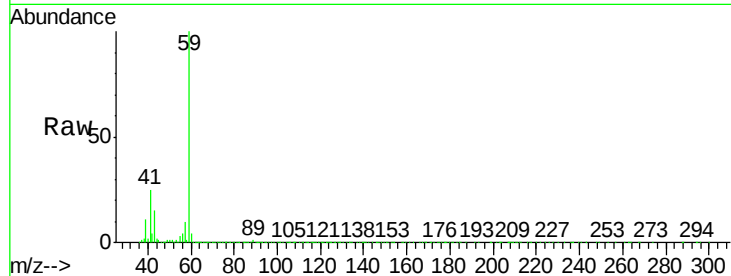
Tert butyl alcohol
Concen: 228.199 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

Manual Integrations
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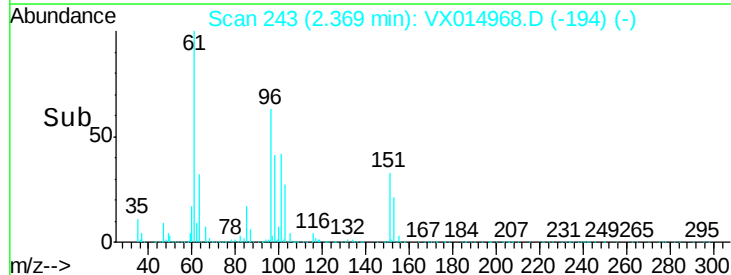
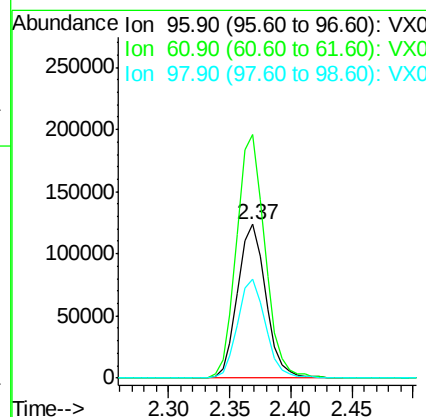
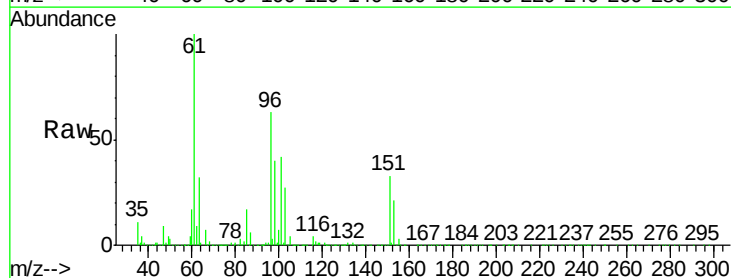
MMDadoda
2/21/2020 9:15:20 AM

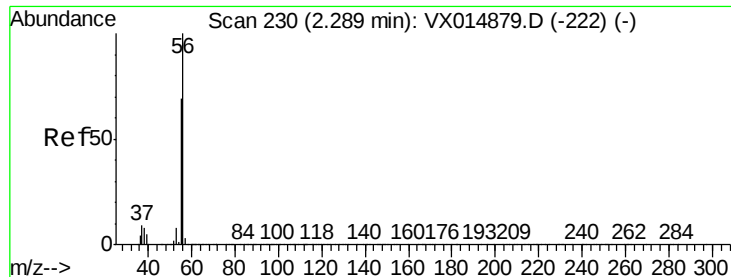


#12

1,1-Dichloroethene
Concen: 47.801 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.7	129.5	194.3
98	64.2	50.6	76.0





#13

Acrolein

Concen: 212.497 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 145687

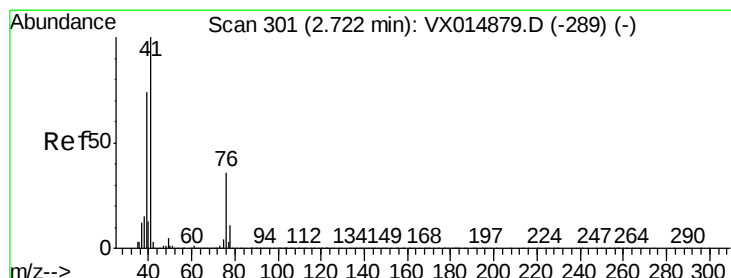
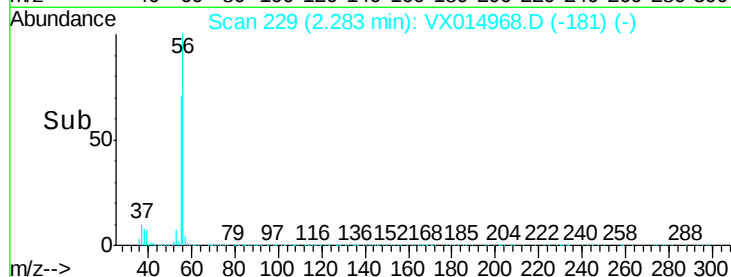
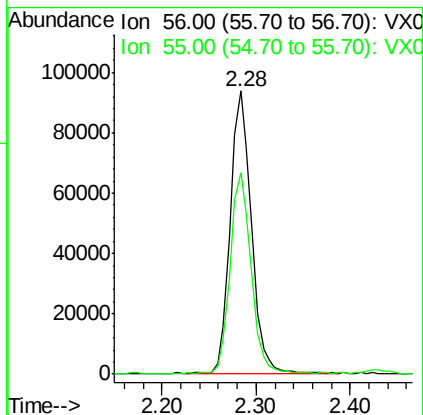
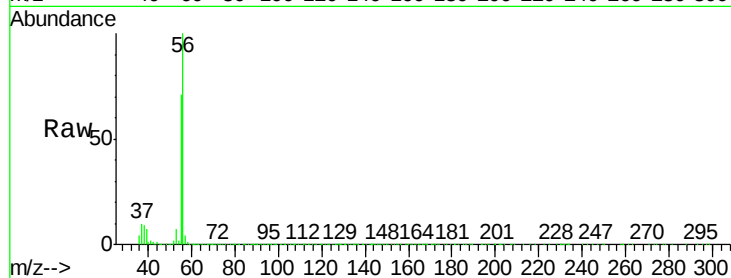
Ion Ratio Lower Upper

56 100

55 70.0 55.0 82.4

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 46.790 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

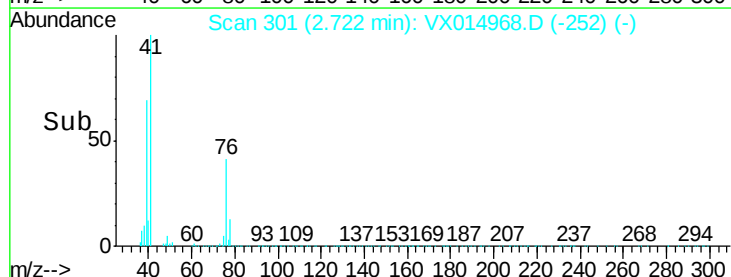
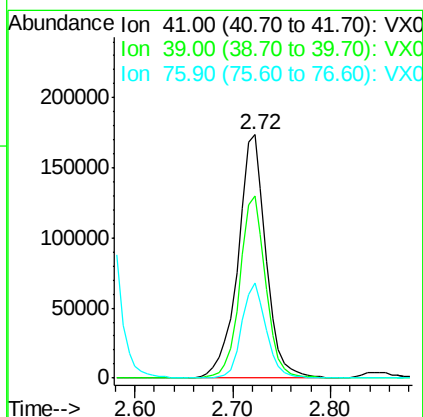
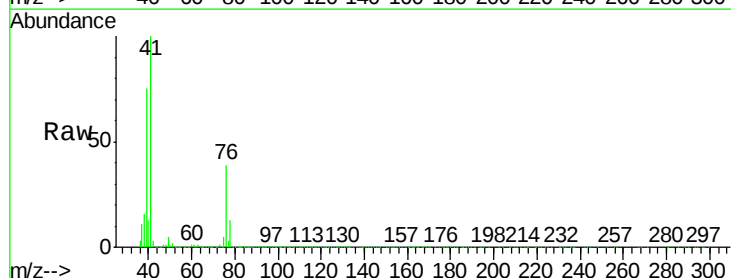
Tgt Ion: 41 Resp: 343258

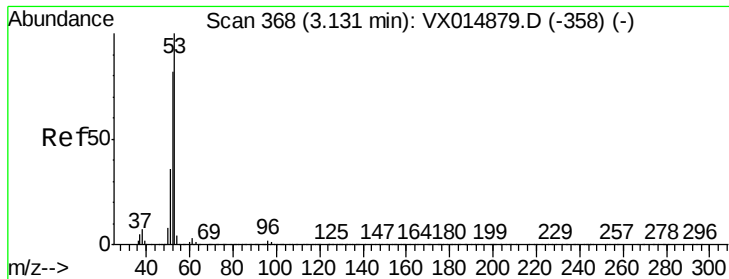
Ion Ratio Lower Upper

41 100

39 69.1 55.2 82.8

76 34.0 26.8 40.2





#15

Acrylonitrile

Concen: 238.705 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

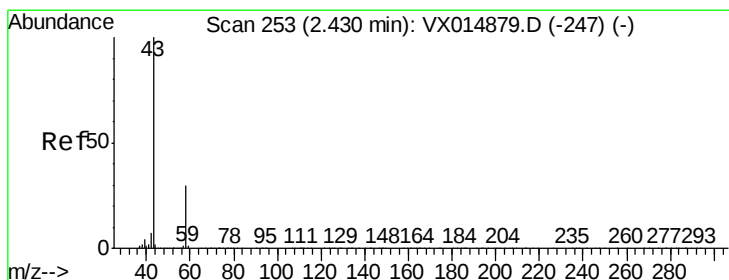
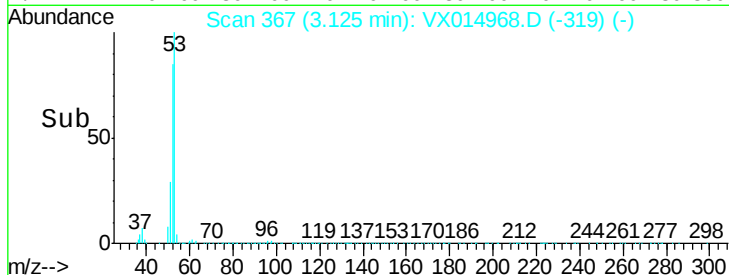
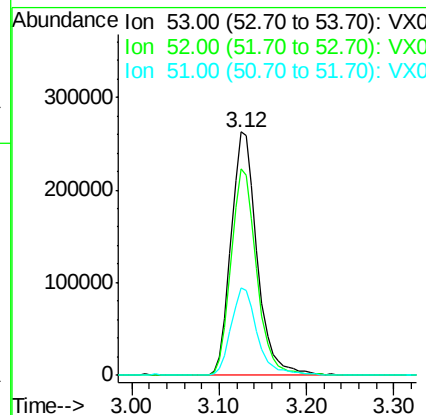
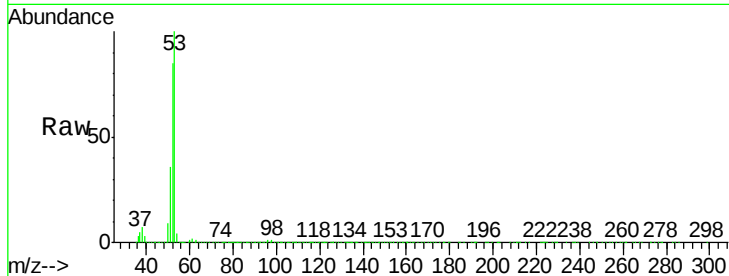
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	544344
Ion Ratio	Lower	Upper	
53	100		
52	83.2	65.8	98.6
51	36.3	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 268.333 ug/l

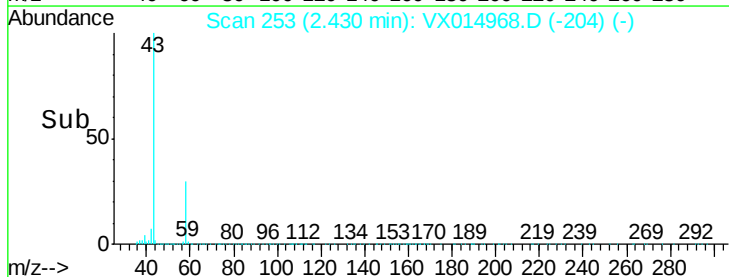
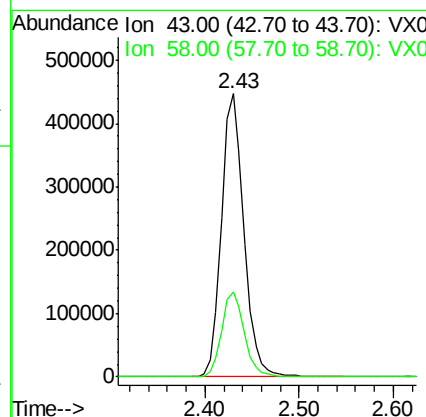
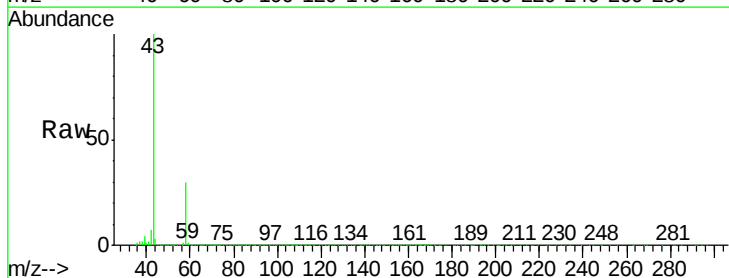
RT: 2.43 min Scan# 253

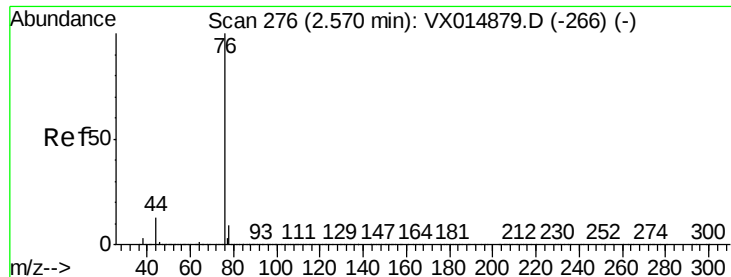
Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion:	43	Resp:	732161
Ion Ratio	Lower	Upper	
43	100		
58	30.0	24.1	36.1





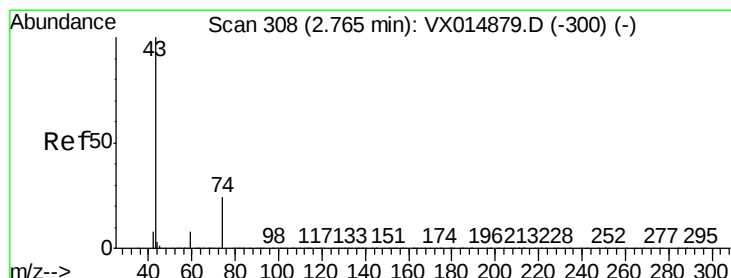
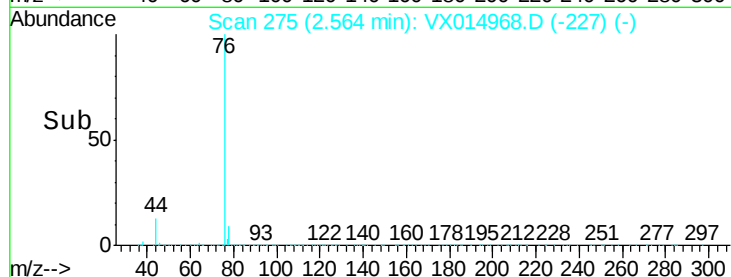
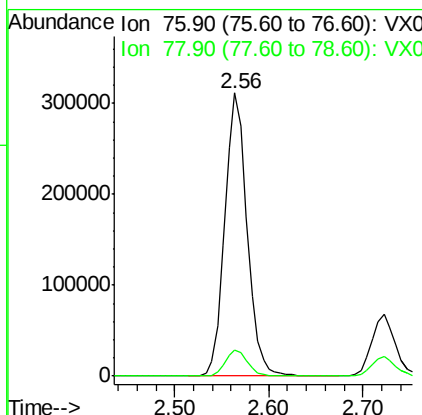
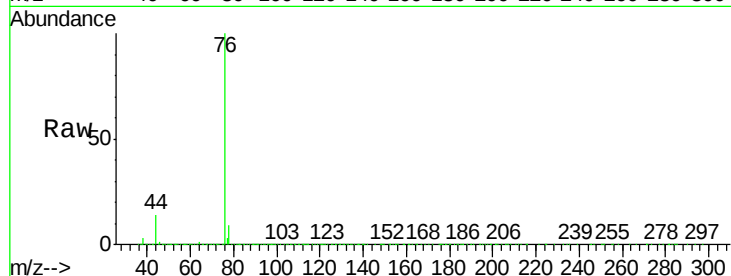
#17
Carbon Disulfide
Concen: 44.170 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

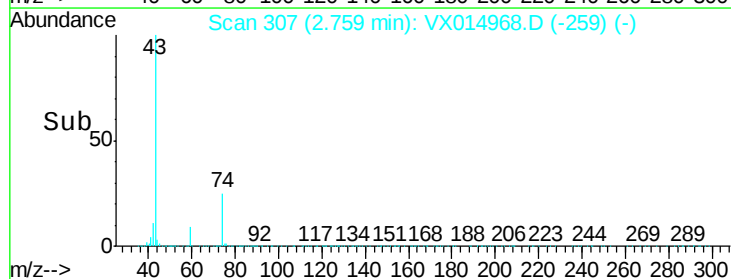
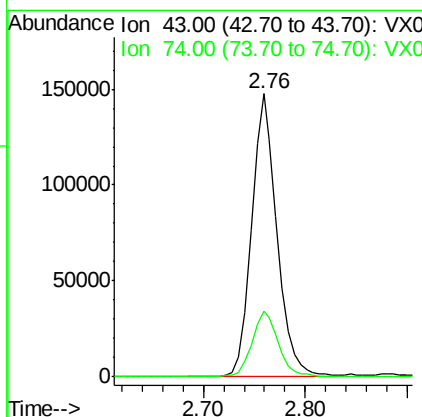
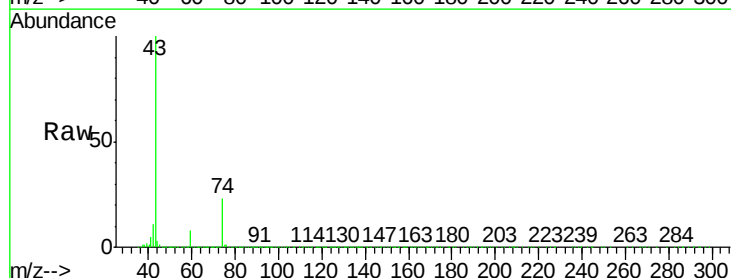
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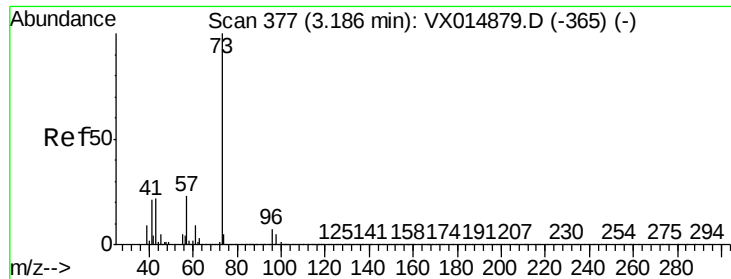
MMDadoda
2/21/2020 9:15:20 AM



#18
Methyl Acetate
Concen: 49.569 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.4	29.0





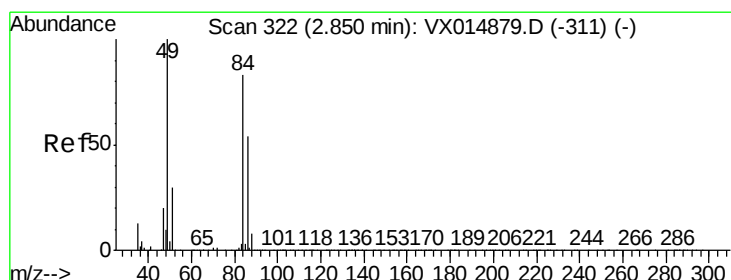
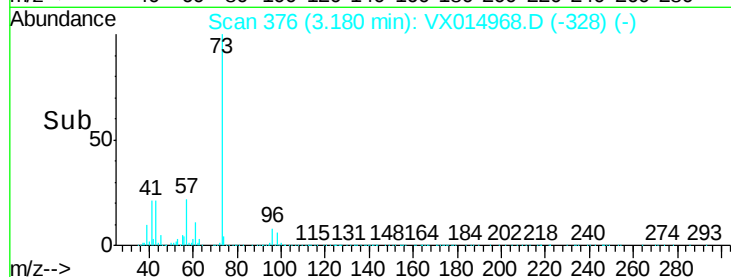
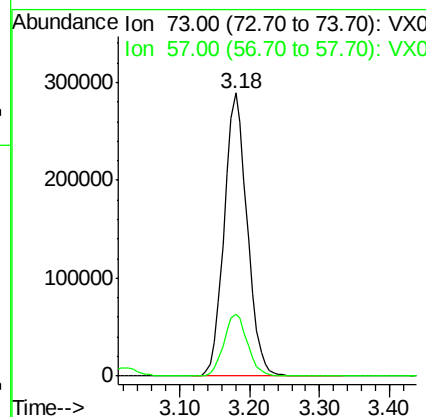
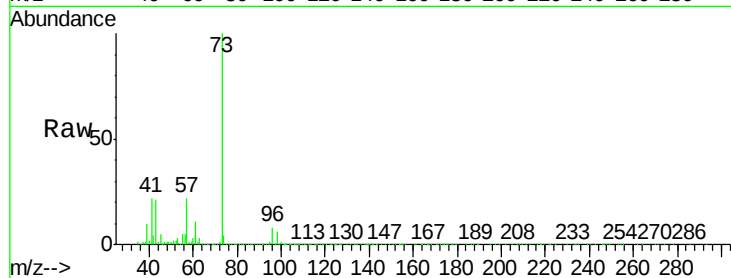
#19
Methvl tert-butvl Ether
Concen: 48.925 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.2	27.4

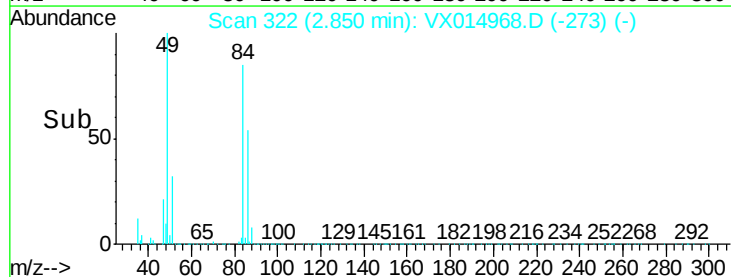
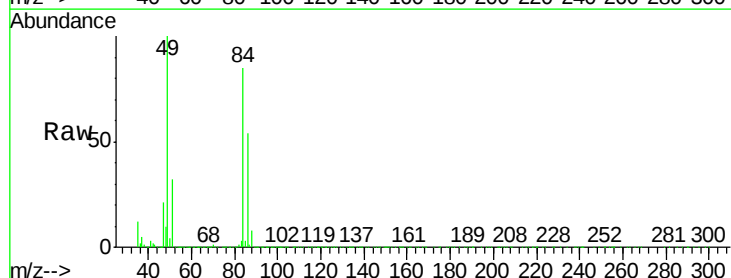
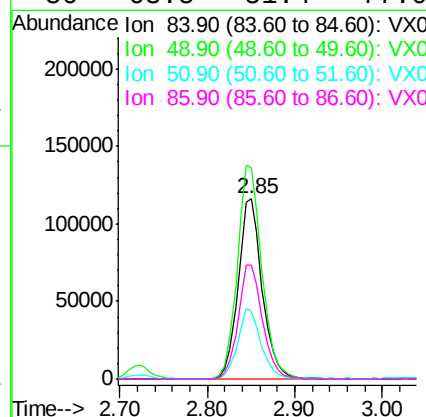
Manual Integrations
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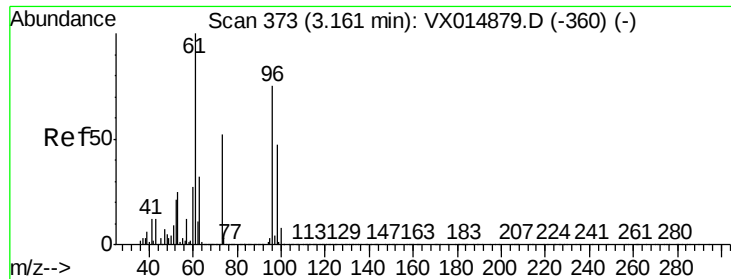
MMDadoda
2/21/2020 9:15:20 AM



#20
Methylene Chloride
Concen: 45.470 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.3	95.6	143.4
51	37.3	29.0	43.6
86	63.5	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 45.889 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

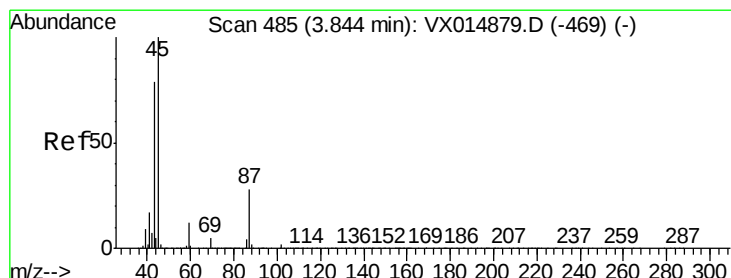
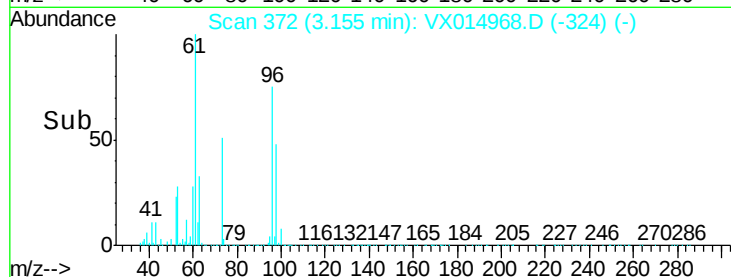
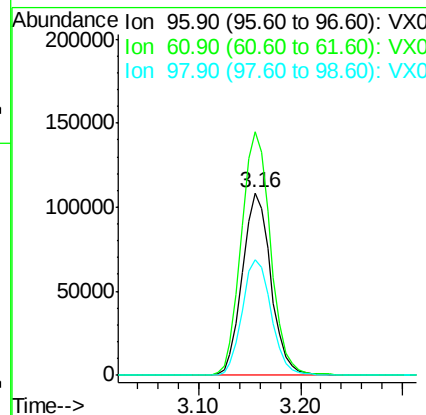
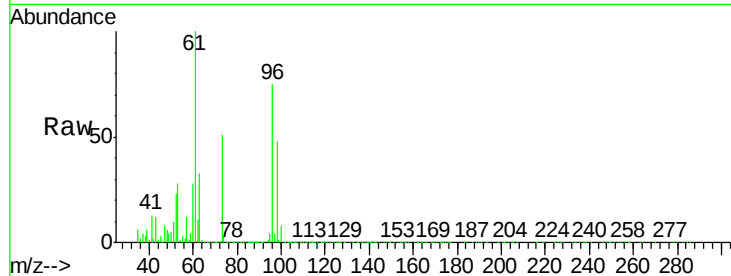
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	209516
Ion Ratio	Lower	Upper	
96	100		
61	133.5	106.9	160.3
98	63.5	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.564 ug/l

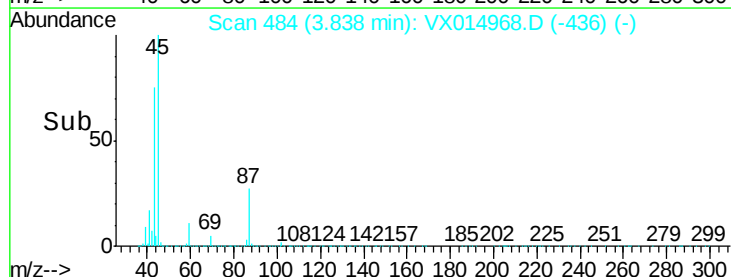
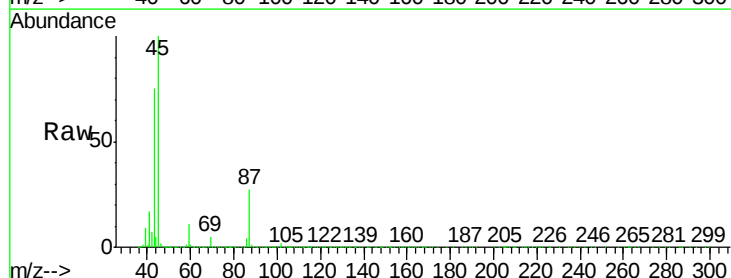
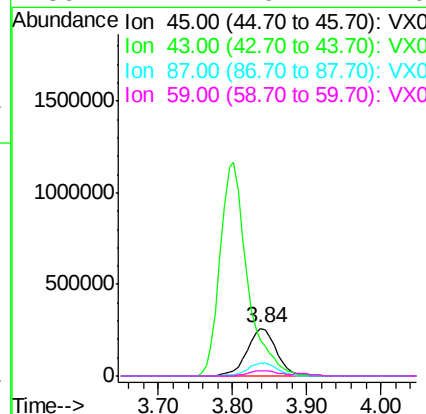
RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion:	45	Resp:	708469
Ion Ratio	Lower	Upper	
45	100		
43	75.1	63.5	95.3
87	26.9	22.2	33.4
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 257.958 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2979486

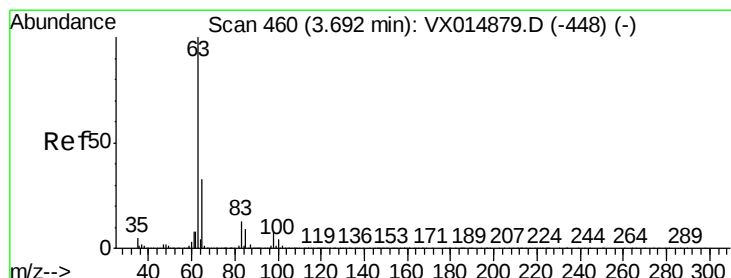
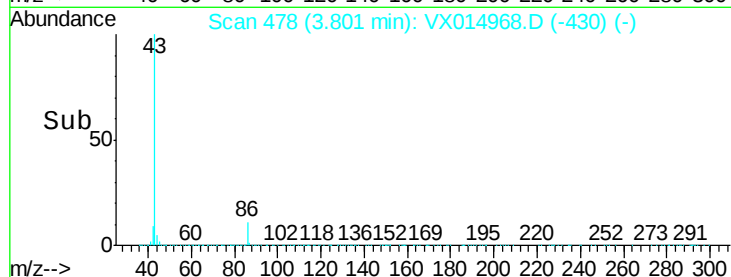
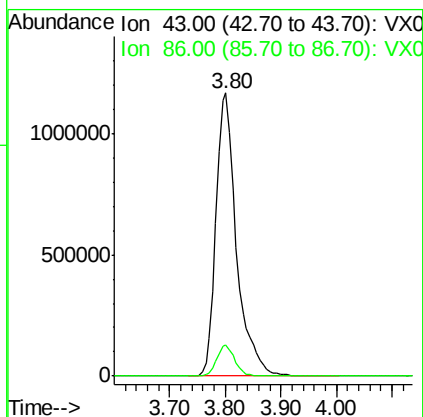
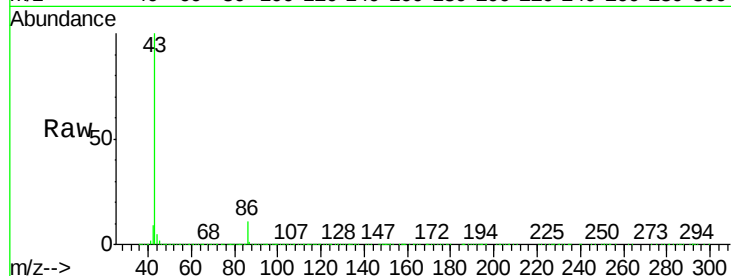
Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 48.653 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

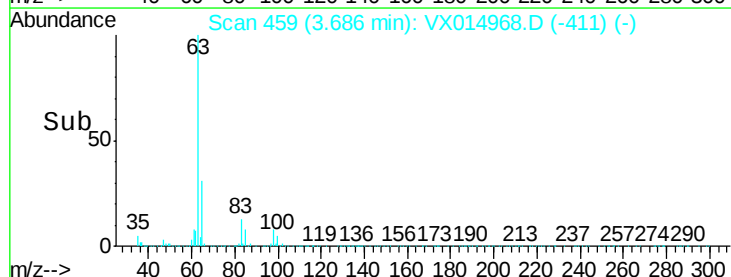
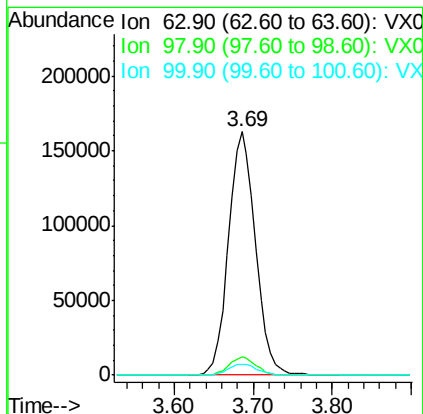
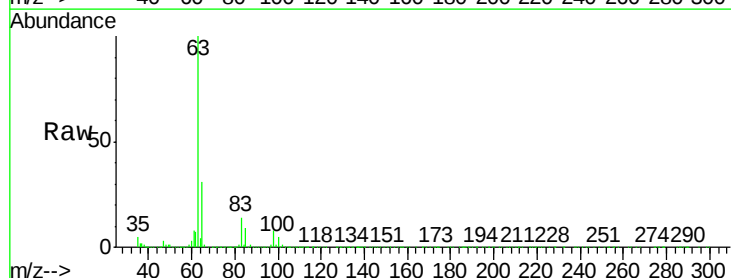
Tgt Ion: 63 Resp: 384736

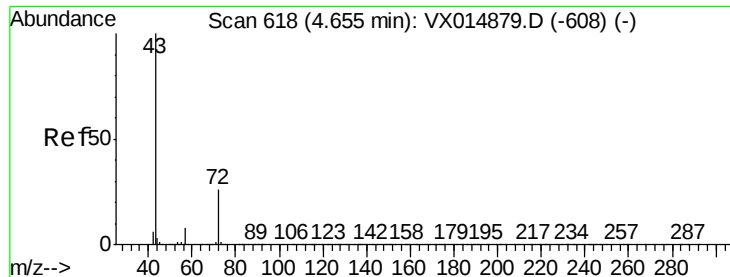
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 255.275 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 885413

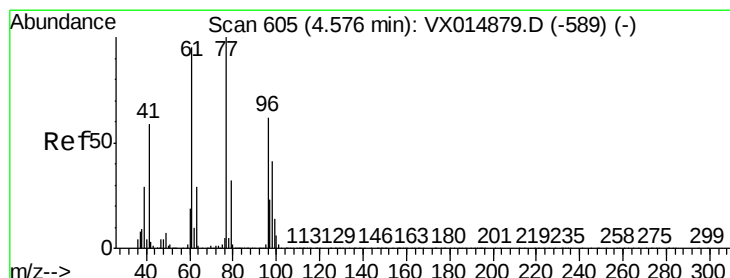
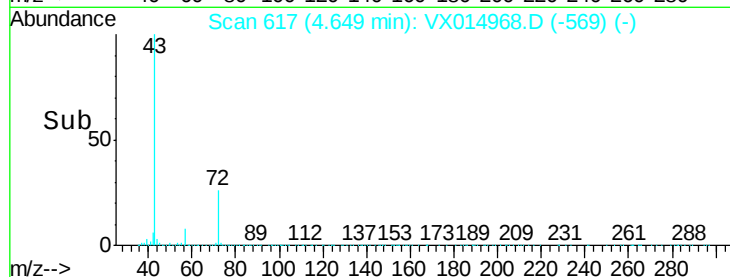
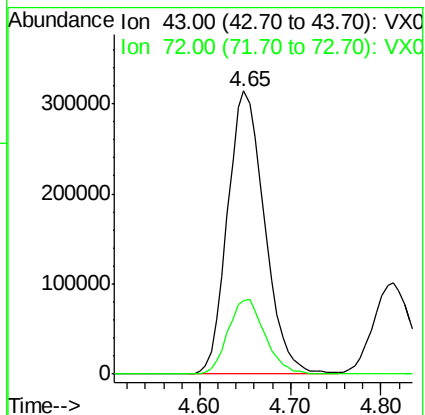
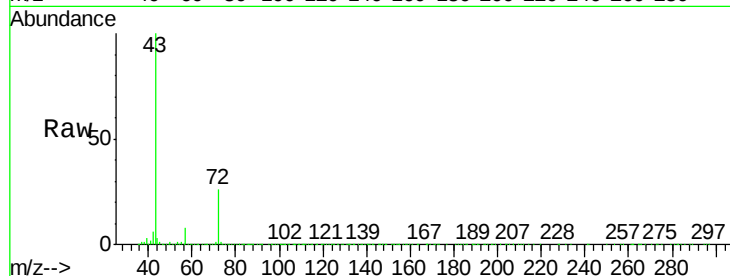
Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 47.834 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014968.D

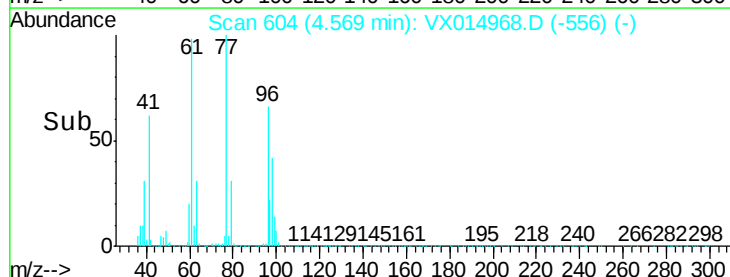
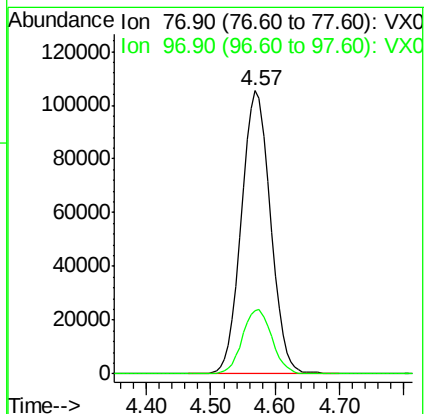
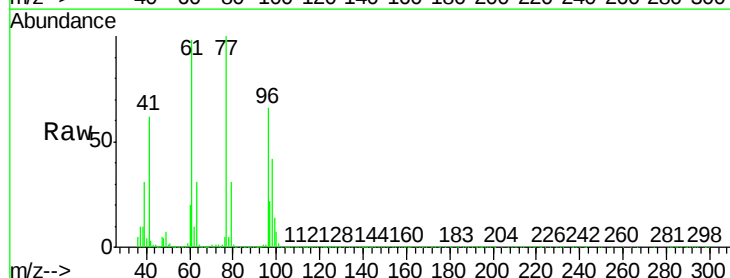
Acq: 20 Feb 2020 09:57

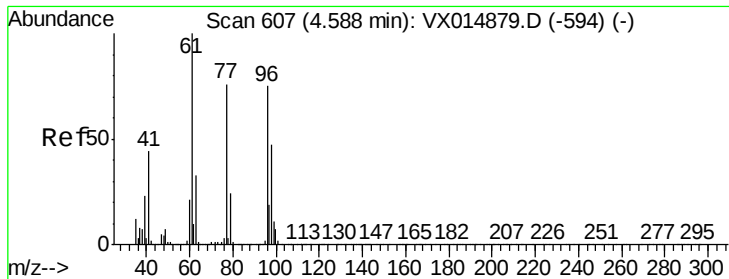
Tgt Ion: 77 Resp: 325982

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.5





#27

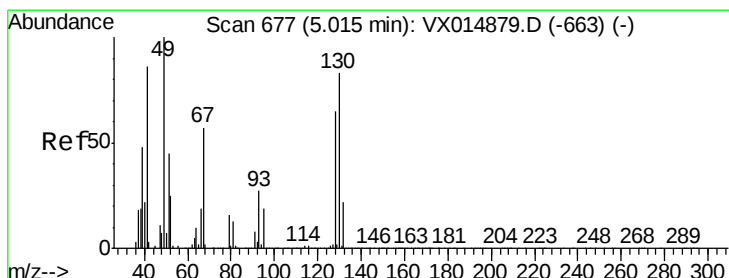
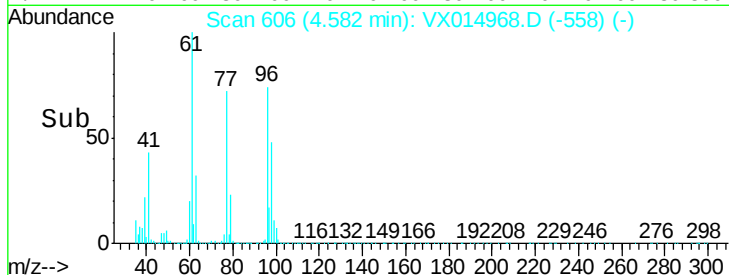
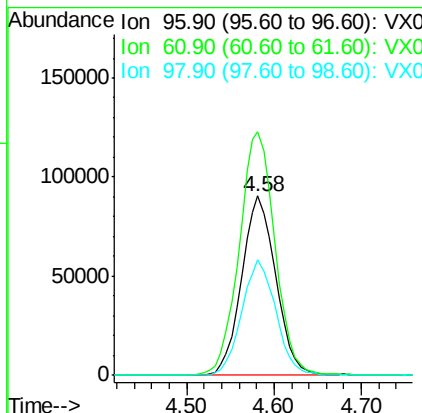
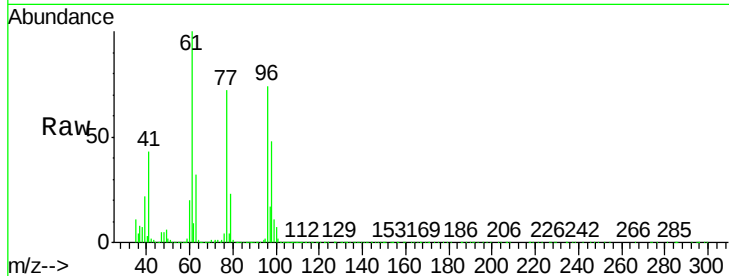
cis-1,2-Dichloroethene
Concen: 48.172 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	245854		
61	141.4	0.0	286.2	
98	64.0	0.0	131.0	

Manual Integrations
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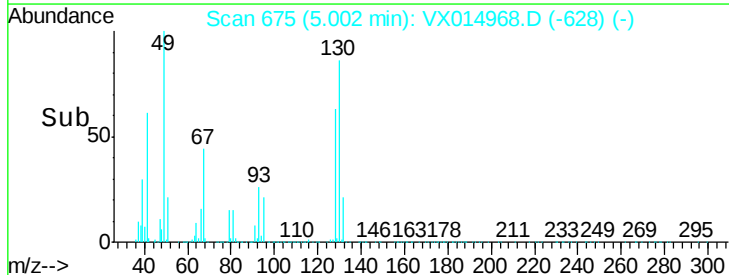
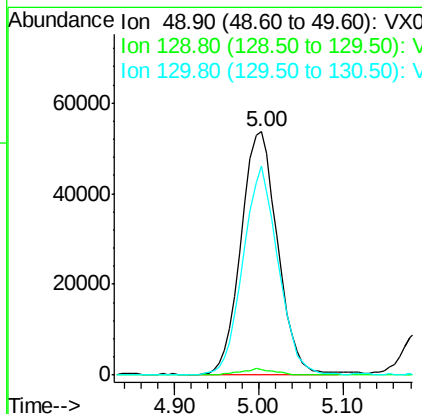
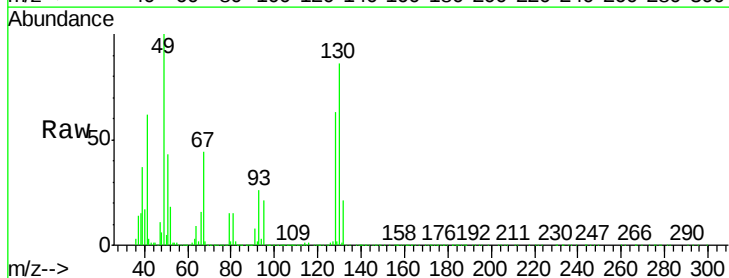
MMDadoda
2/21/2020 9:15:20 AM

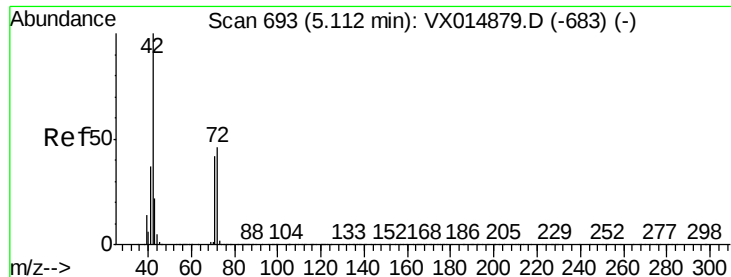


#28

Bromochloromethane
Concen: 51.282 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	157183		
129	2.7	0.0	5.2	
130	83.0	67.4	101.2	





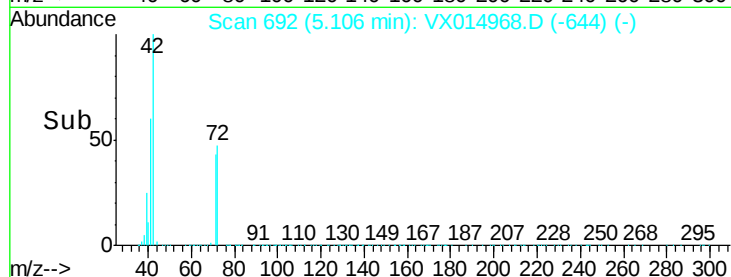
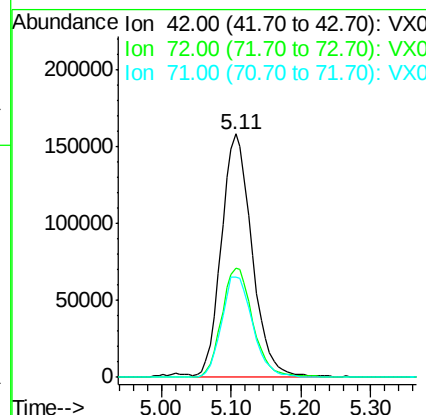
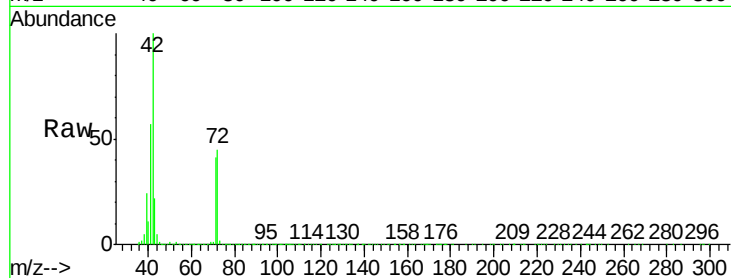
#29
Tetrahydrofuran
Concen: 241.627 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.9	55.3
71	41.9	34.1	51.1

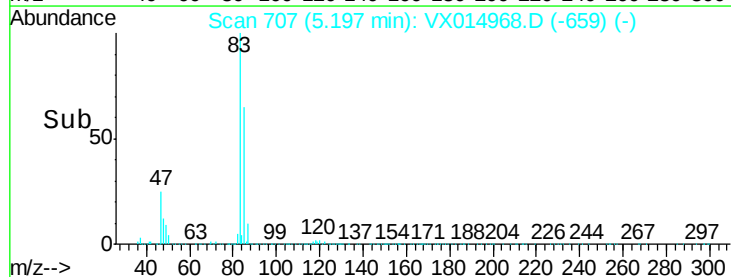
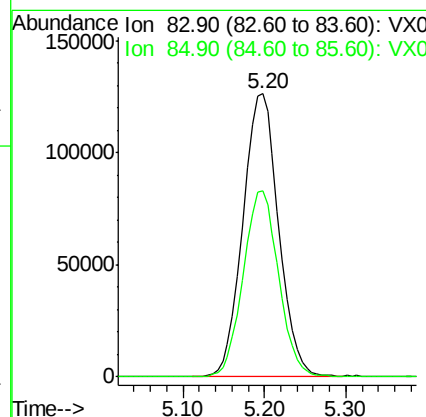
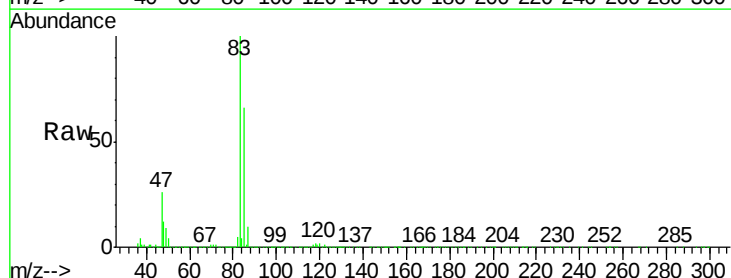
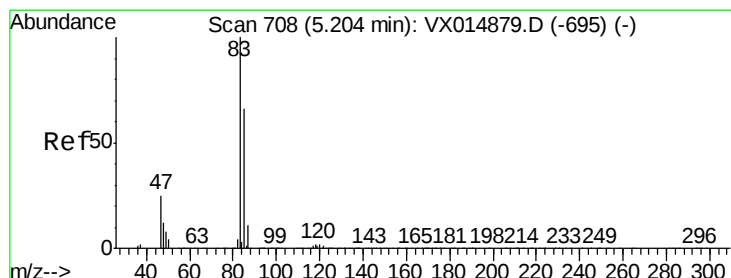
Manual Integrations
APPROVED

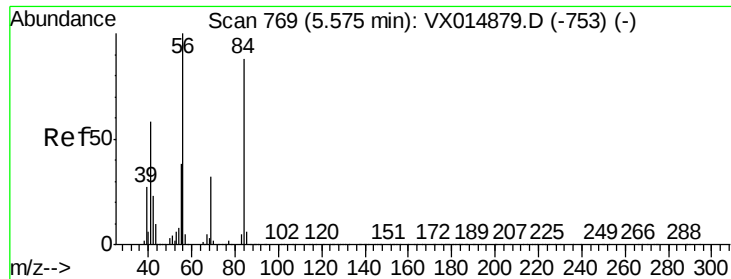
MMDadoda
2/21/2020 9:15:20 AM



#30
Chloroform
Concen: 48.900 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.9	79.3





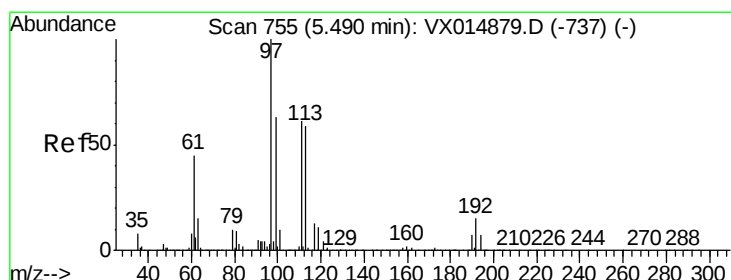
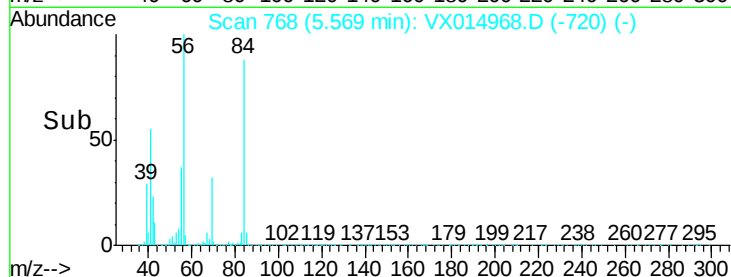
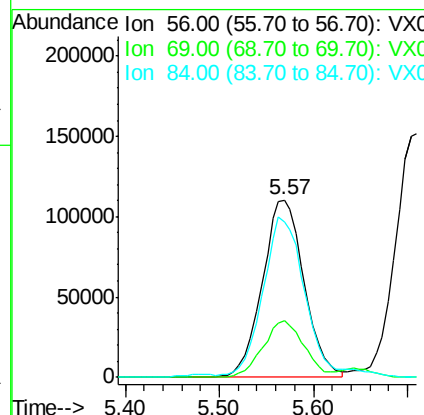
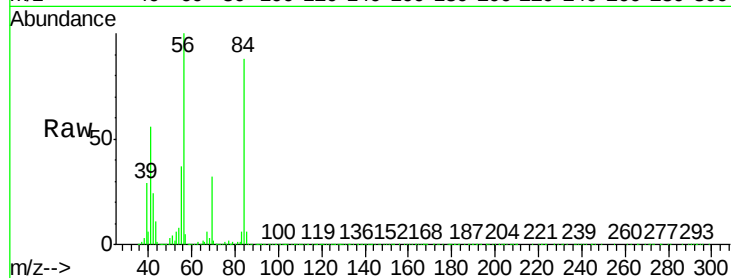
#31
Cvclohexane
Concen: 47.476 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.9	38.9
84	86.0	70.4	105.6

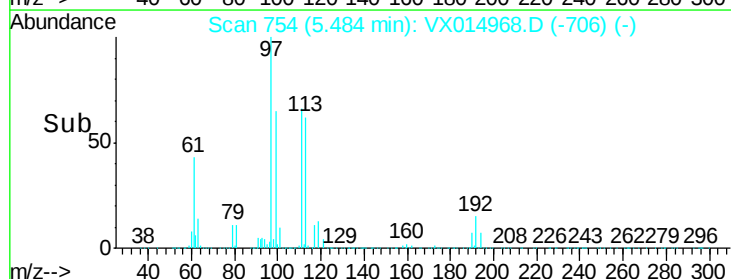
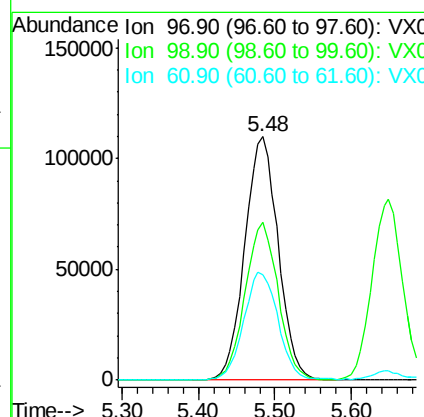
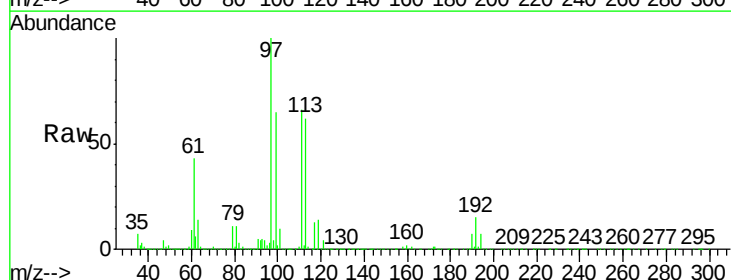
Manual Integrations
APPROVED

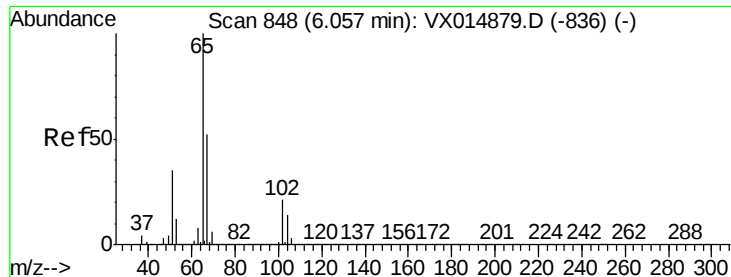
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#32
1,1,1-Trichloroethane
Concen: 48.502 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.6
61	45.5	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 46.581 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 237316

Ion Ratio Lower Upper

65 100

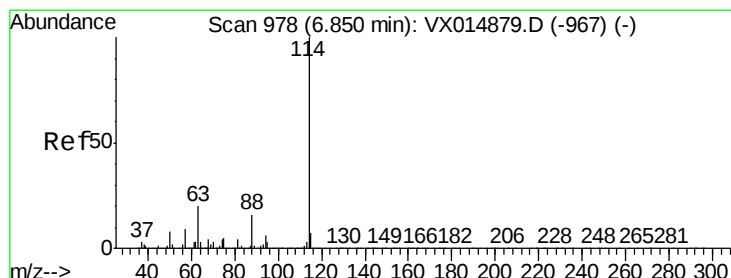
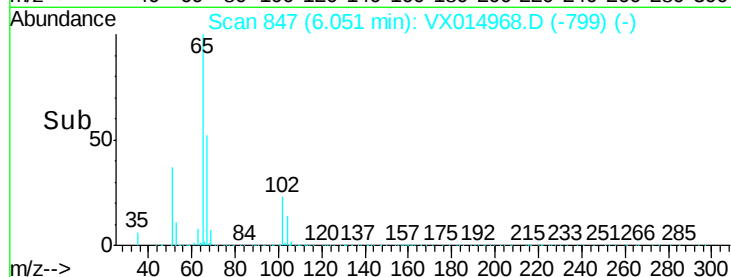
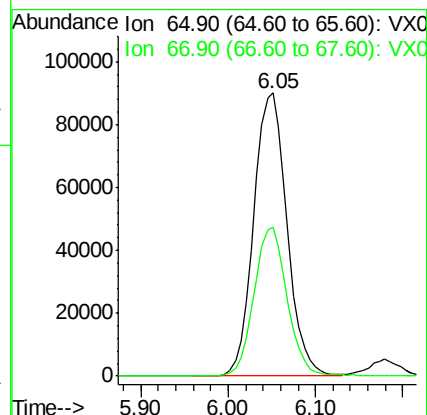
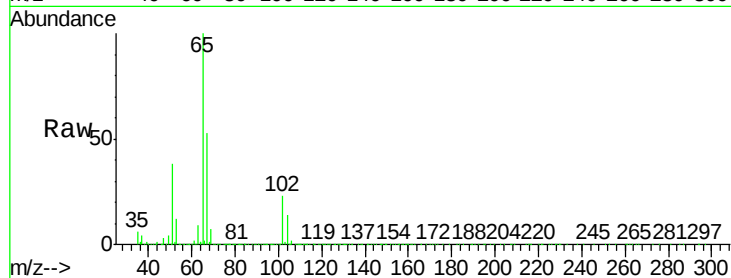
67 51.8 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

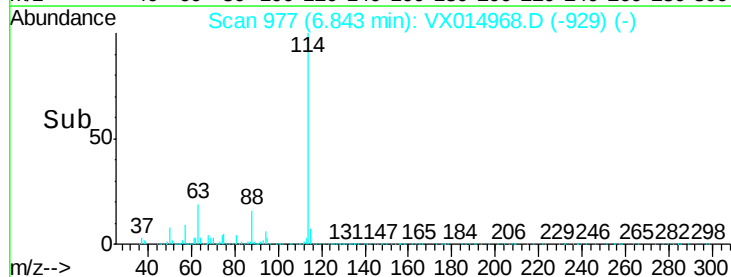
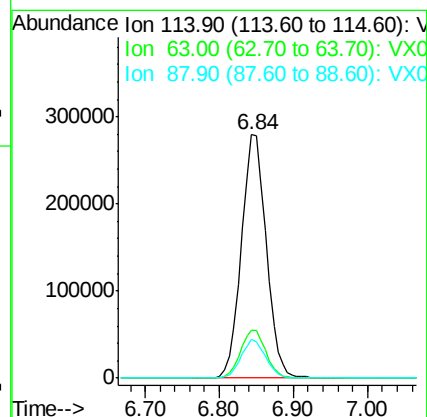
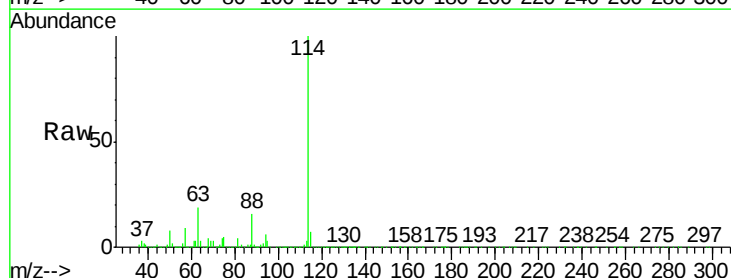
Tgt Ion: 114 Resp: 659243

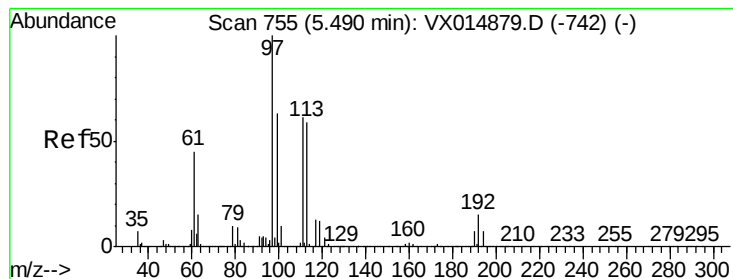
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.476 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

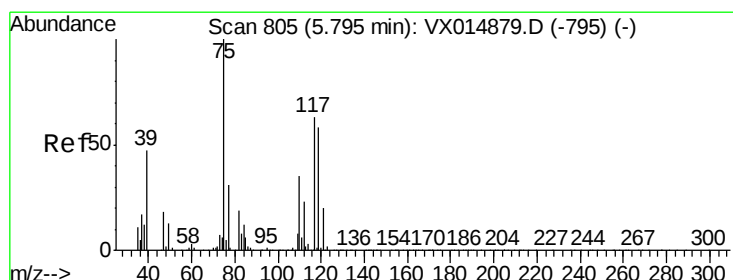
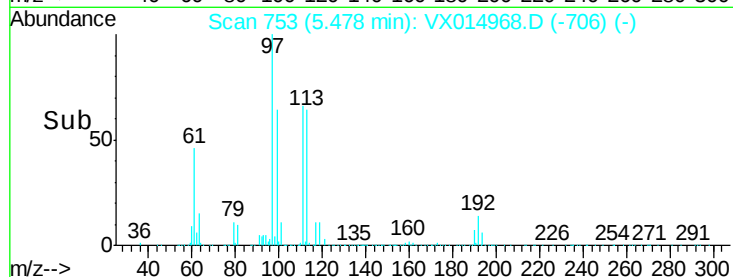
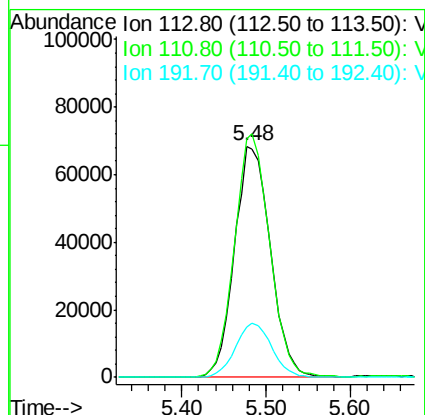
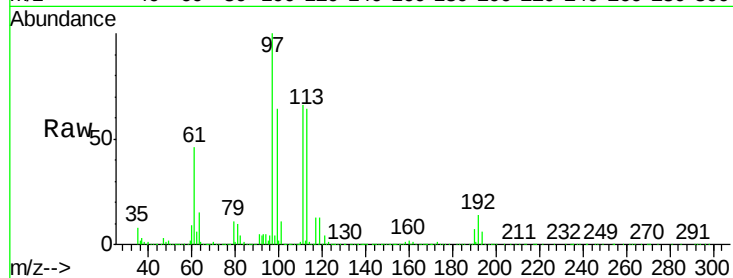
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	196468
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.4	123.6
192	24.0	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.043 ug/l

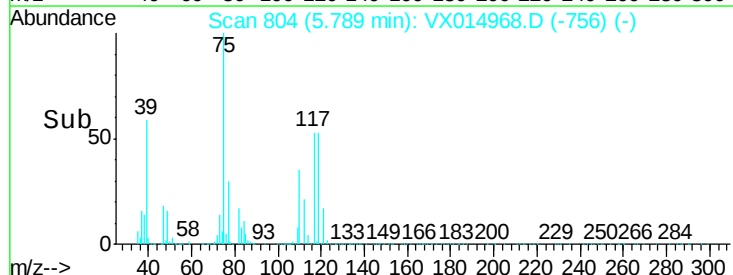
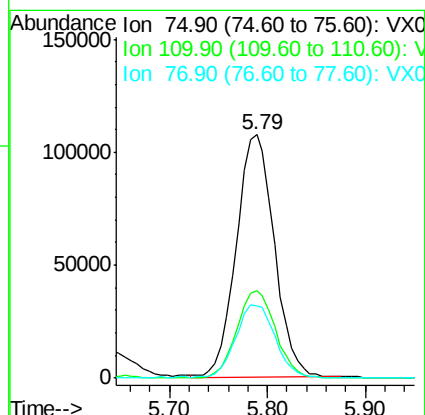
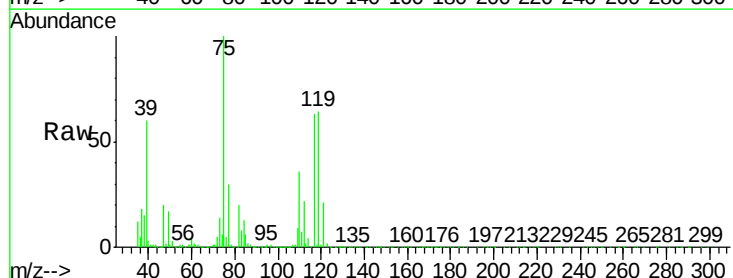
RT: 5.79 min Scan# 804

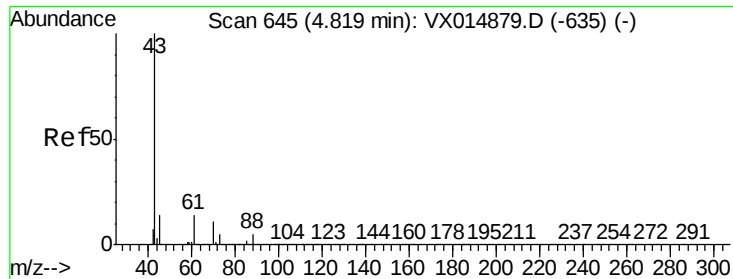
Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion:	75	Resp:	289214
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.3	54.8
77	31.3	24.6	36.8





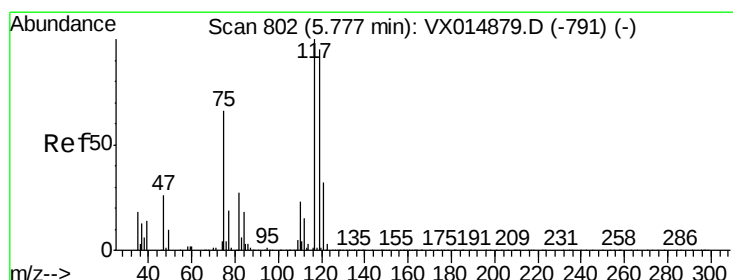
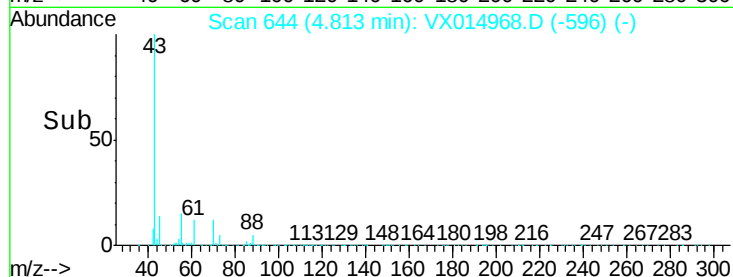
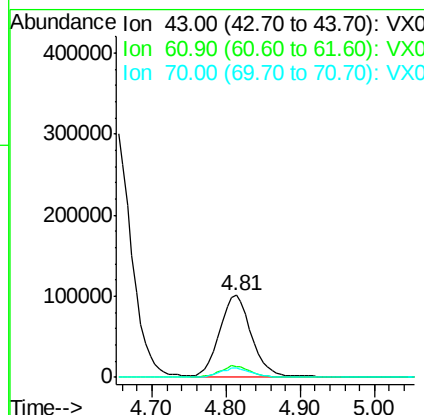
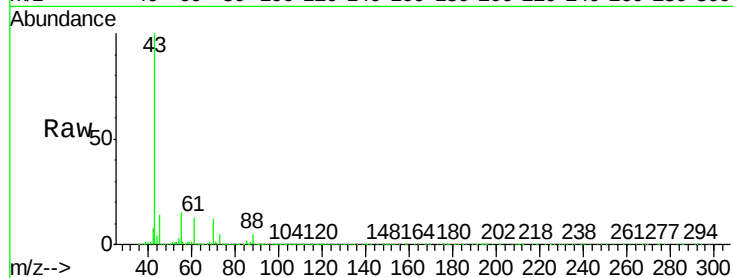
#37
Ethyl Acetate
Concen: 48.727 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.9	16.3
70	10.7	8.7	13.1

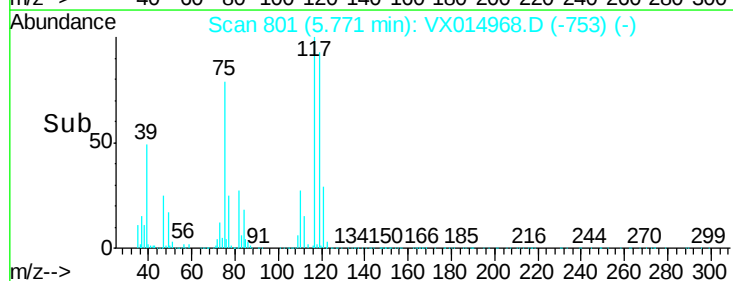
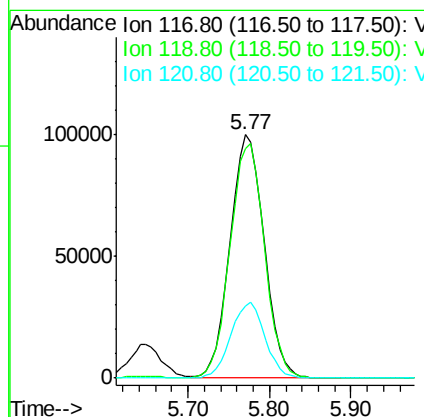
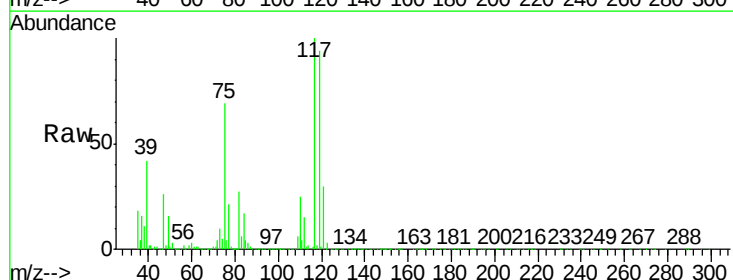
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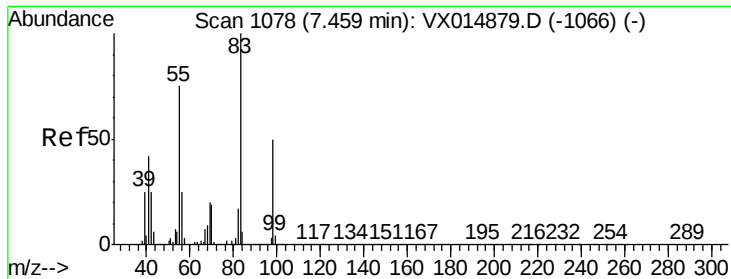
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#38
Carbon Tetrachloride
Concen: 50.139 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.0	114.0
121	29.7	25.4	38.2





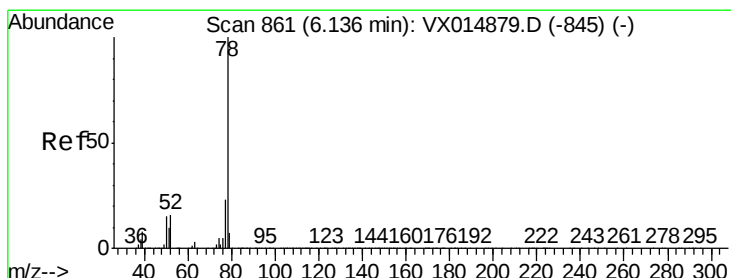
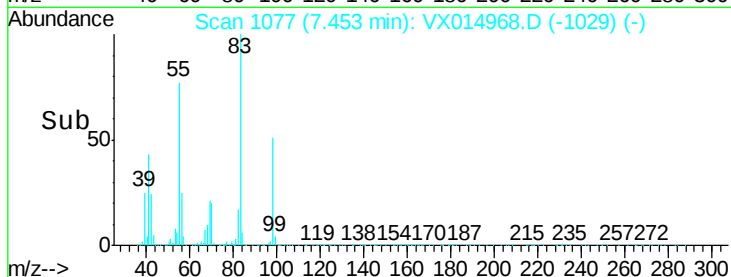
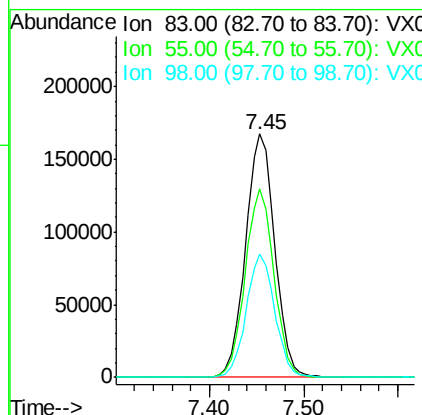
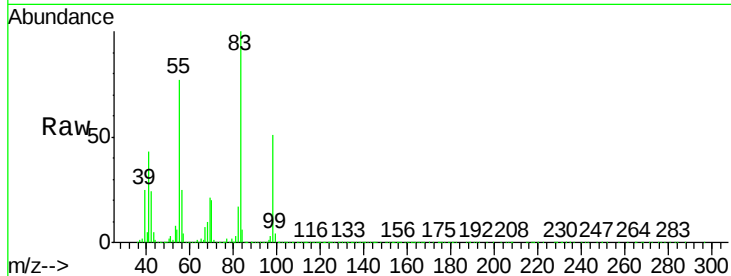
#39
Methvlcvclohexane
Concen: 49.198 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.0	90.0
98	50.5	39.6	59.4

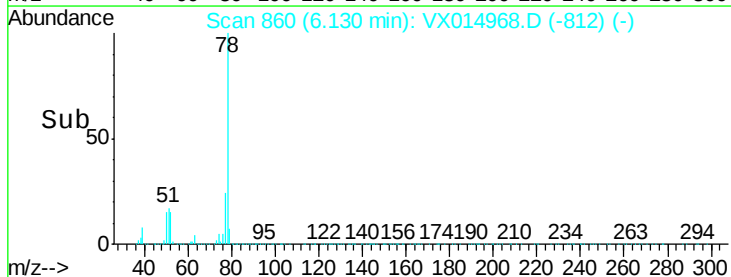
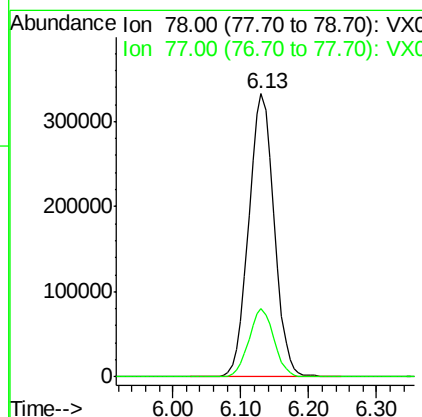
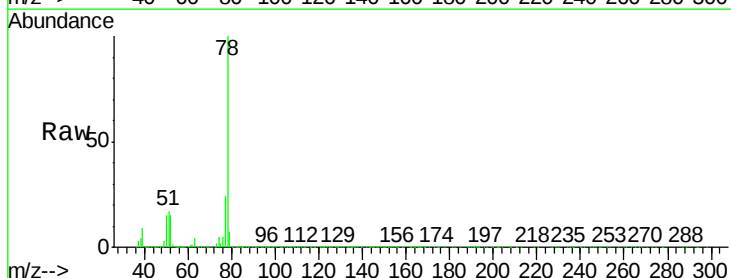
Manual Integrations
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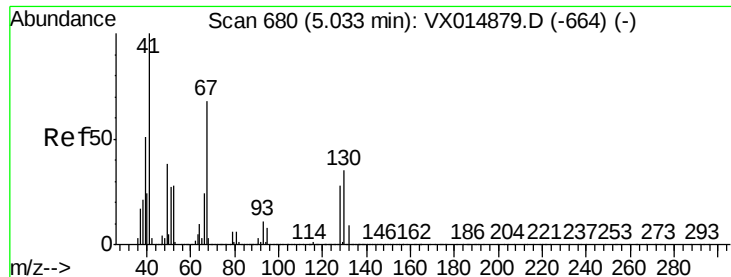
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#40
Benzene
Concen: 49.097 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





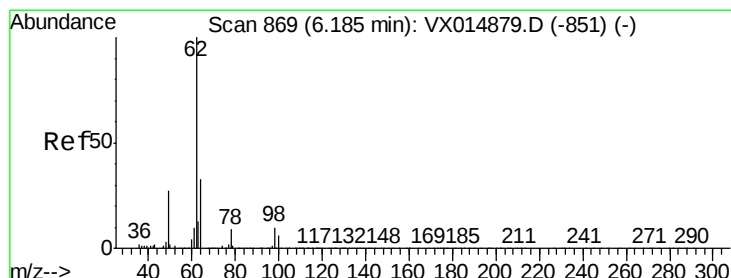
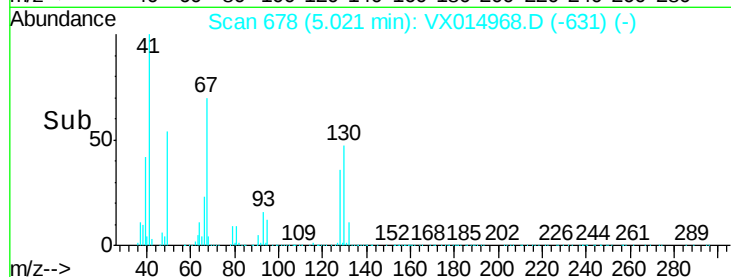
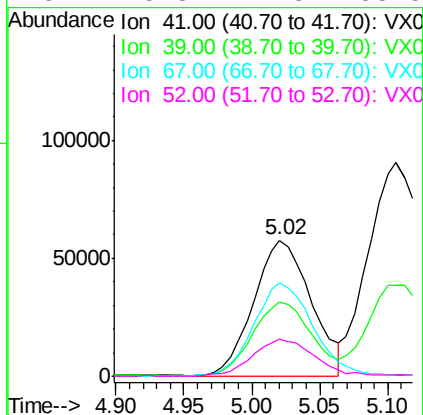
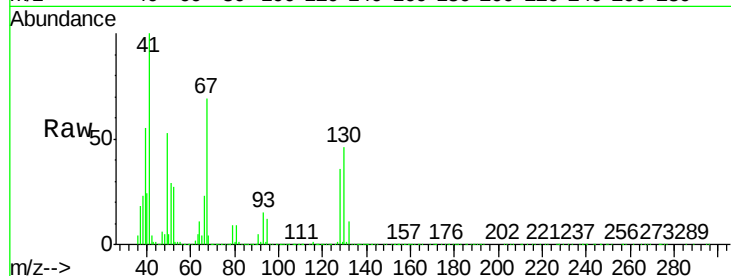
#41
Methacrylonitrile
Concen: 51.137 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.7	67.1
67	71.2	56.6	84.8
52	28.3	22.3	33.5

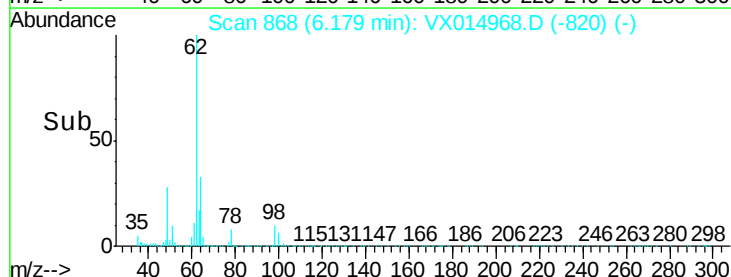
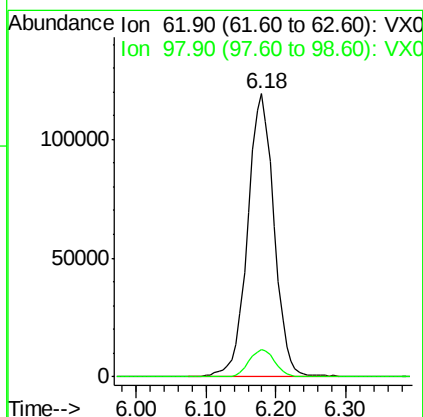
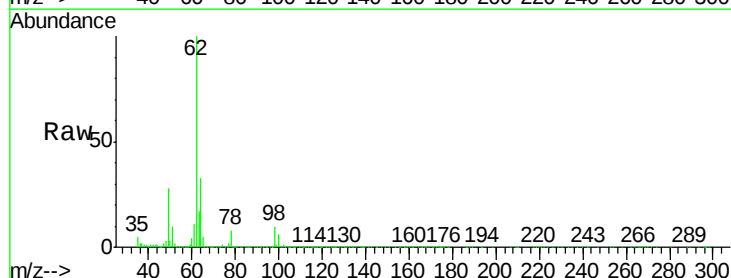
Manual Integrations
APPROVED

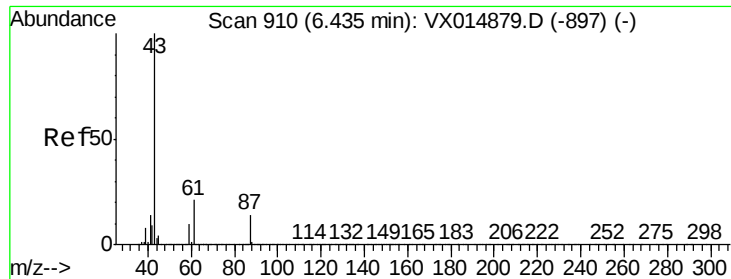
MMDadoda
2/21/2020 9:15:20 AM



#42
1,2-Dichloroethane
Concen: 49.297 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





#43

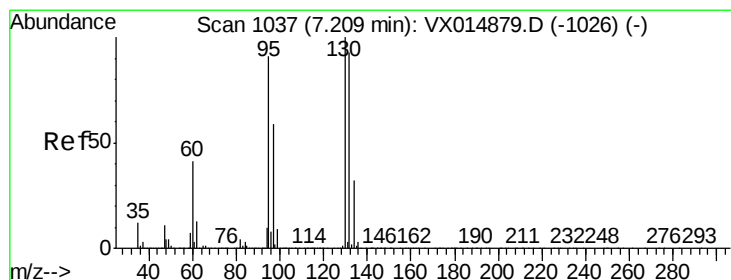
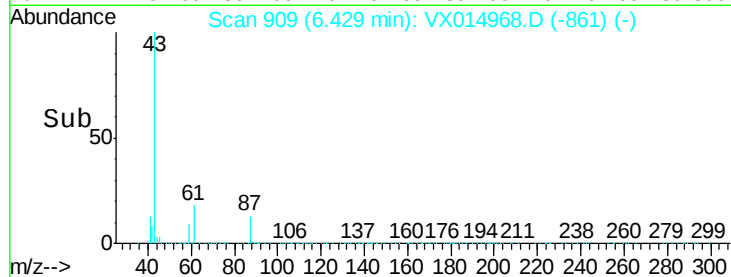
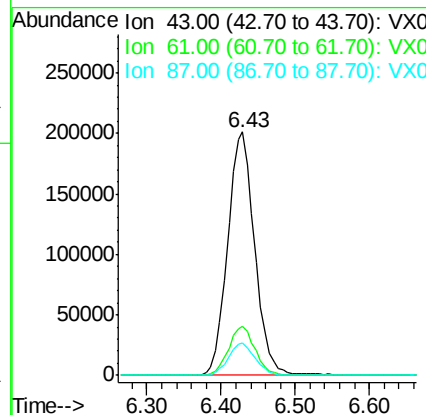
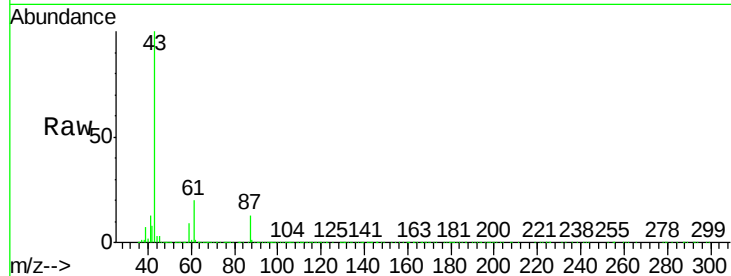
Isopropyl Acetate
 Concen: 49.677 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	13.1	11.0	16.6

Manual Integrations
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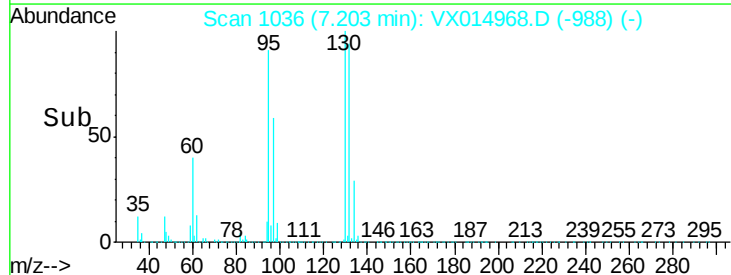
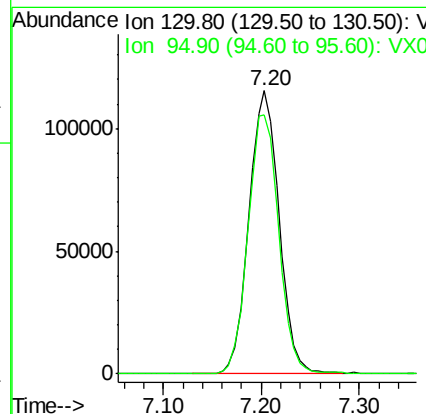
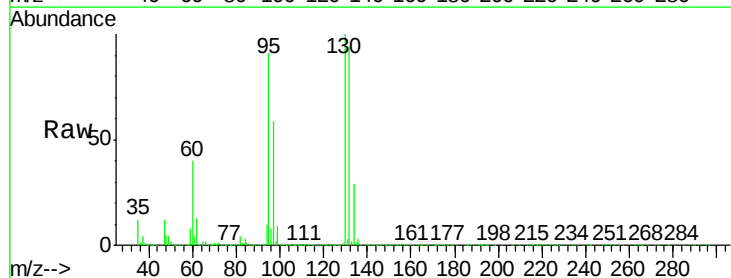
MMDadoda
 2/21/2020 9:15:20 AM

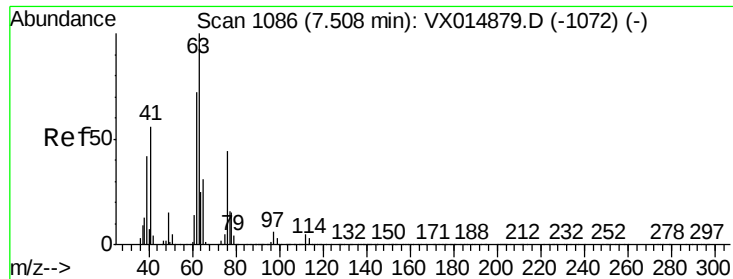


#44

Trichloroethene
 Concen: 48.470 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	182.6





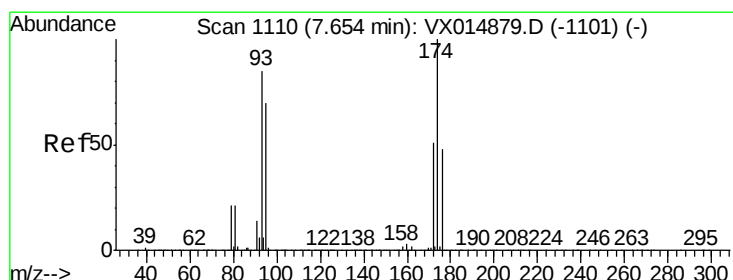
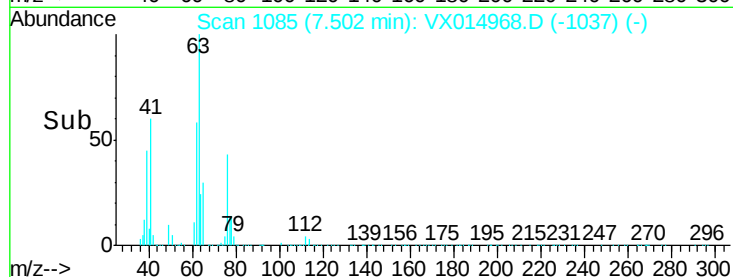
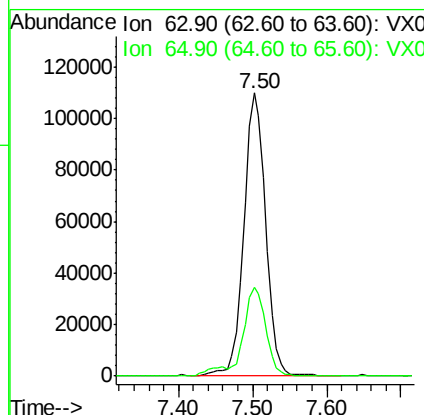
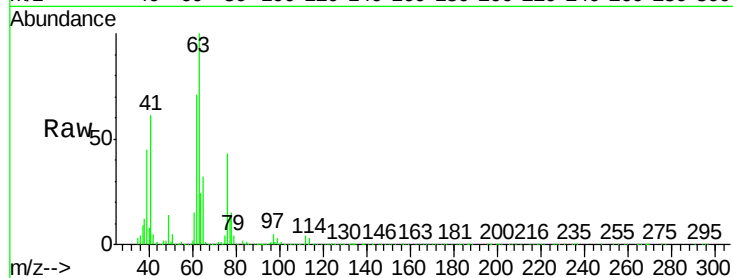
#45
 1,2-Dichloropropane
 Concen: 49.899 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.9	37.3

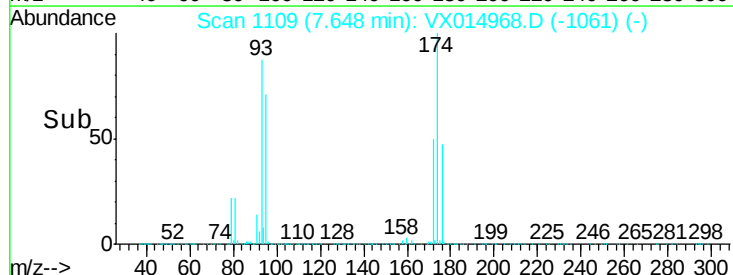
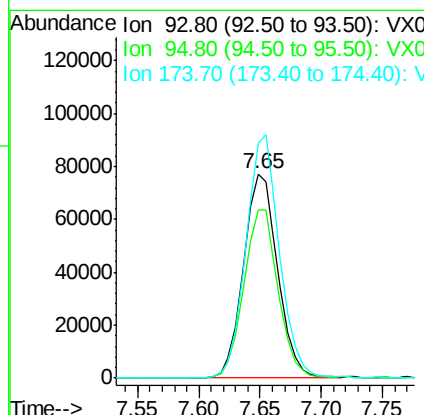
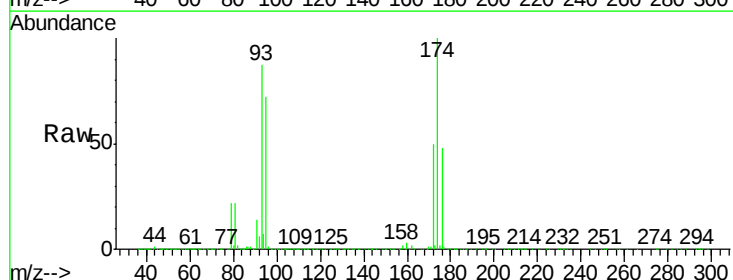
Manual Integrations
 APPROVED

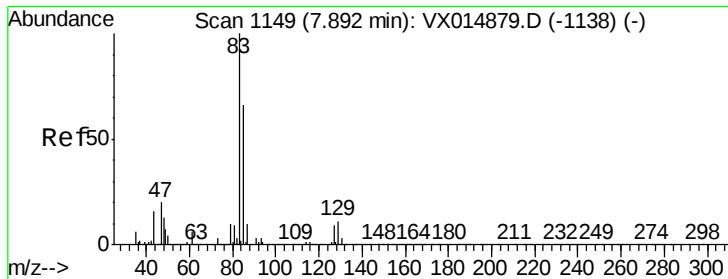
MMDadoda
 2/21/2020 9:15:20 AM



#46
 Dibromomethane
 Concen: 48.754 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	65.8	98.8
174	117.0	95.4	143.2





#47

Bromodichloromethane

Concen: 50.294 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

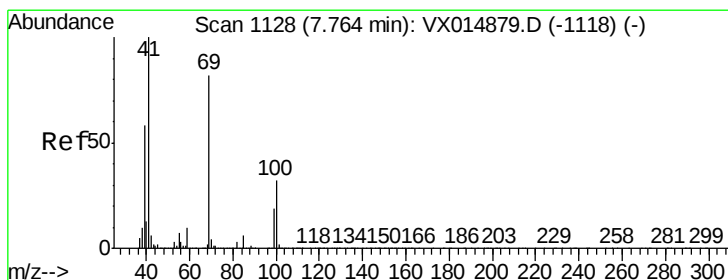
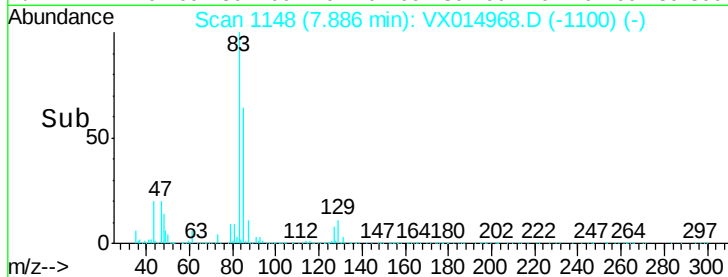
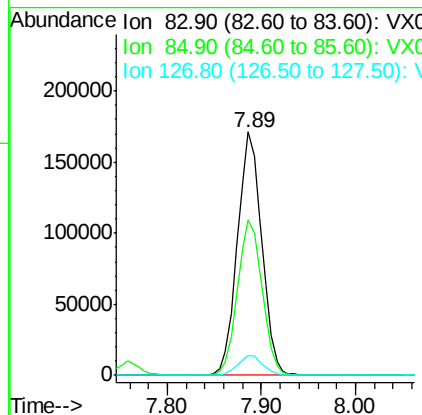
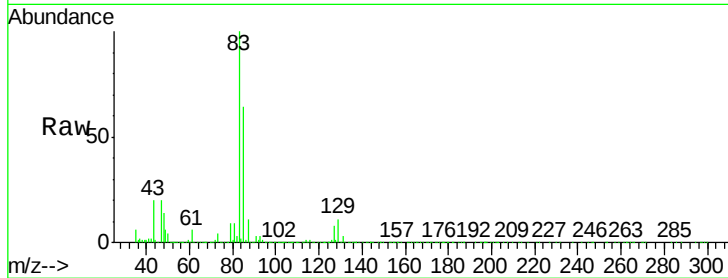
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	306303
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	7.9	7.4	11.0

Manual Integrations
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MMDadoda
2/21/2020 9:15:20 AM



#48

Methyl methacrylate

Concen: 50.683 ug/l

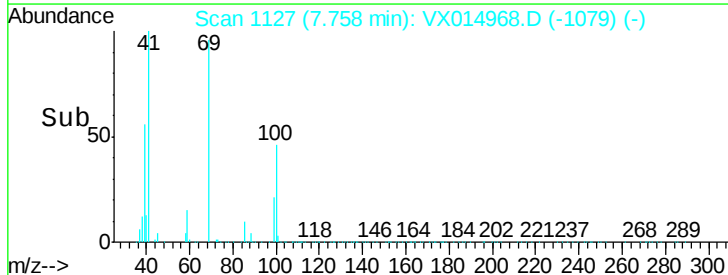
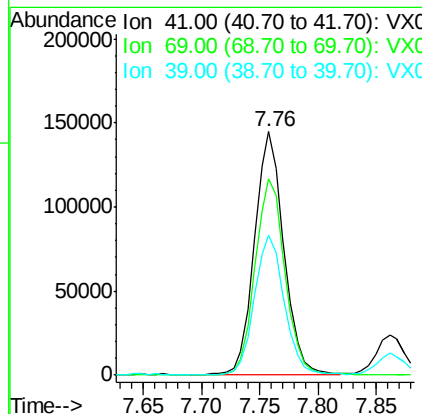
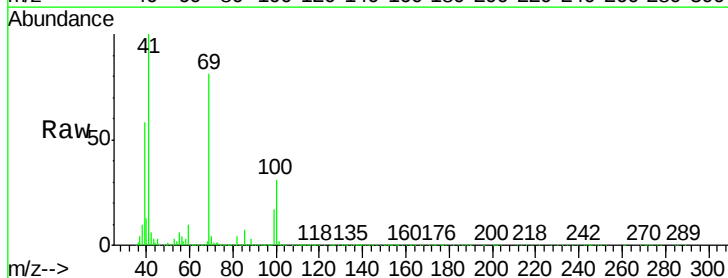
RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion:	41	Resp:	253073
Ion	Ratio	Lower	Upper
41	100		
69	82.3	65.7	98.5
39	57.9	45.8	68.8





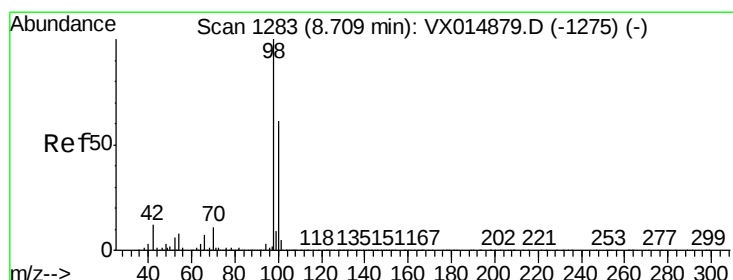
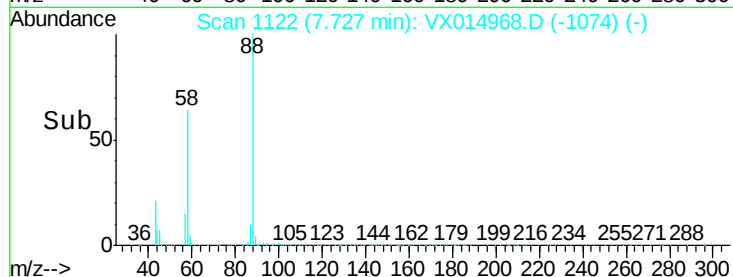
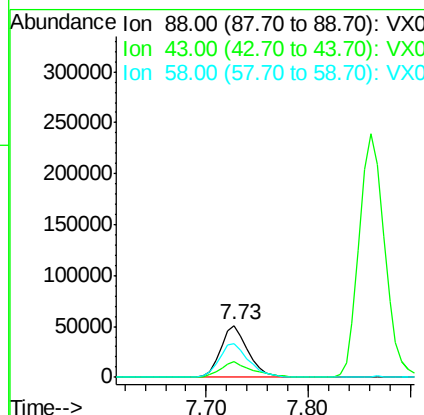
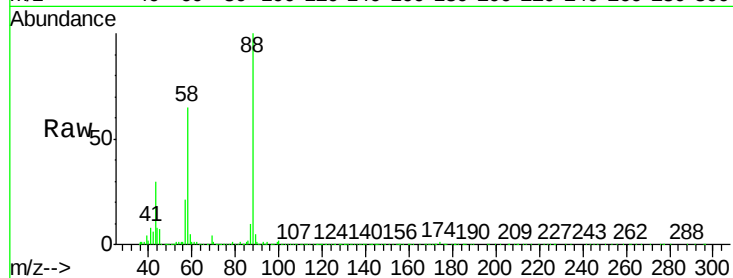
#49
 1,4-Dioxane
 Concen: 1006.587 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	93974
Ion Ratio	Lower	Upper	
88	100		
43	33.7	27.0	40.4
58	69.5	53.2	79.8

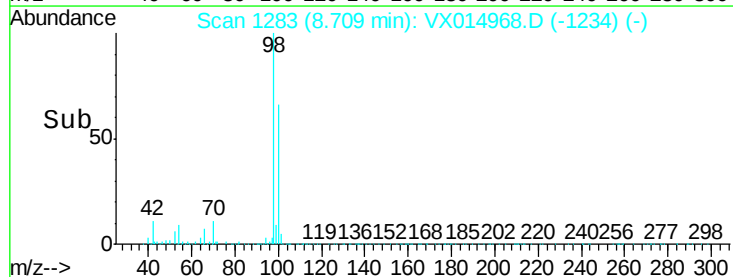
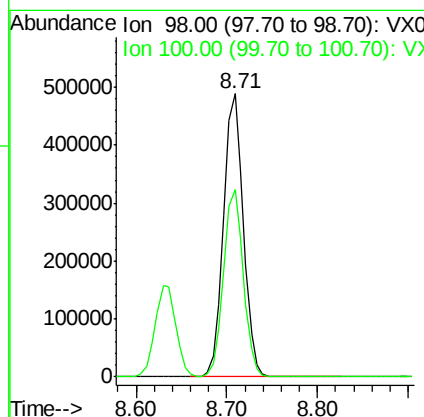
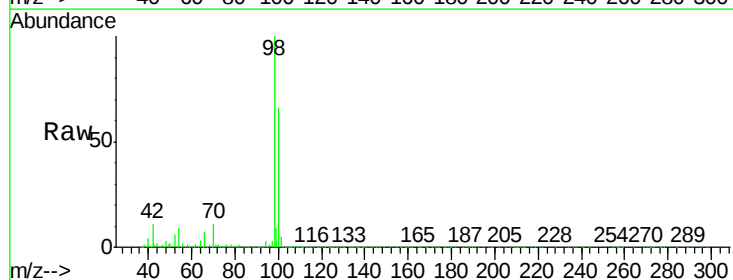
Manual Integrations
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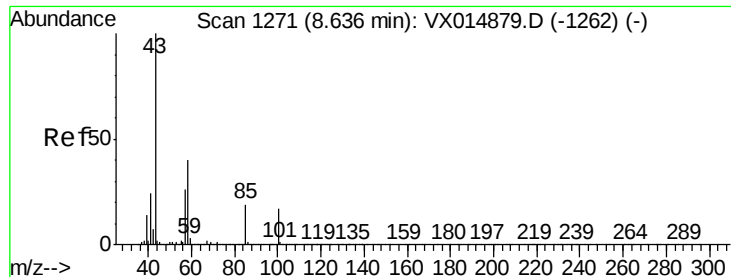
MMDadoda
 2/21/2020 9:15:20 AM



#50
 Toluene-d8
 Concen: 48.114 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion	98	Resp	744328
Ion Ratio	Lower	Upper	
98	100		
100	66.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 250.609 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1535361

Ion Ratio Lower Upper

43 100

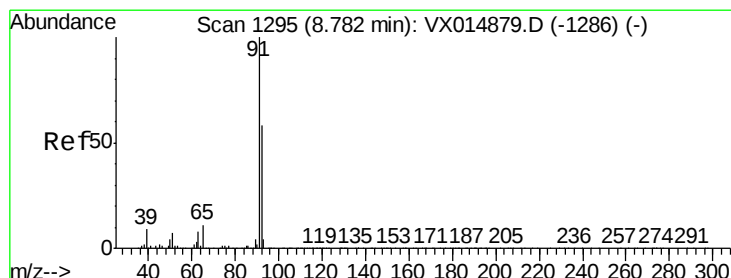
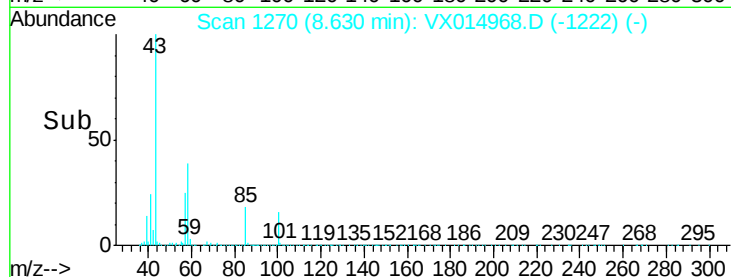
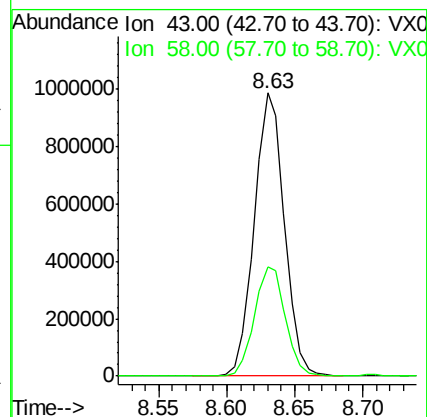
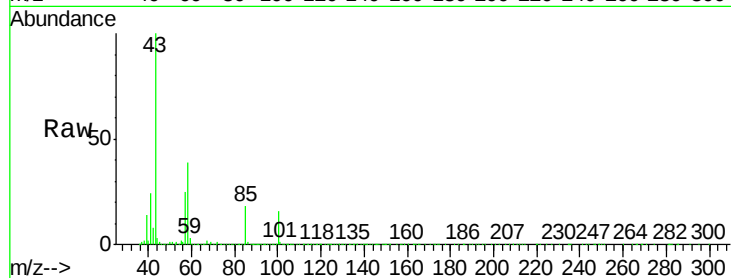
58 39.5 31.9 47.9

Manual Integrations

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2/21/2020 9:15:20 AM



#52

Toluene

Concen: 49.487 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014968.D

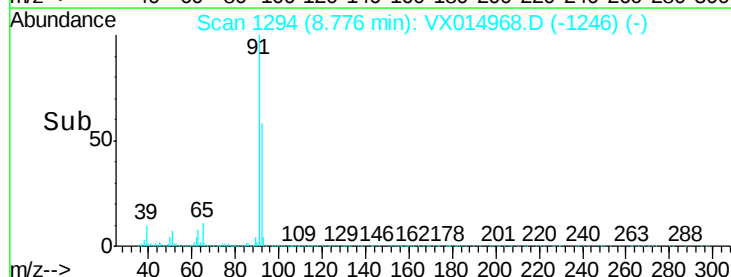
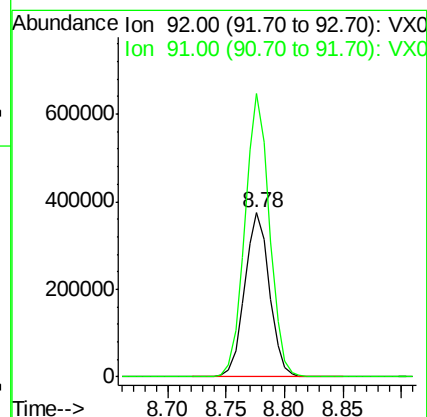
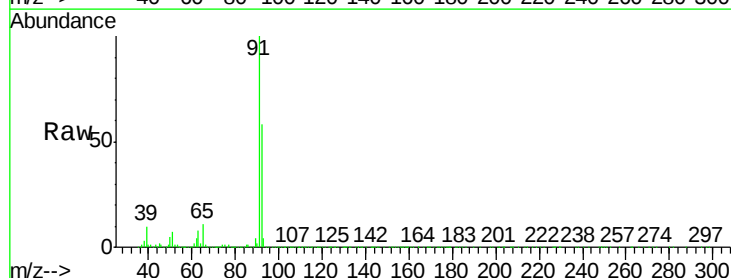
Acq: 20 Feb 2020 09:57

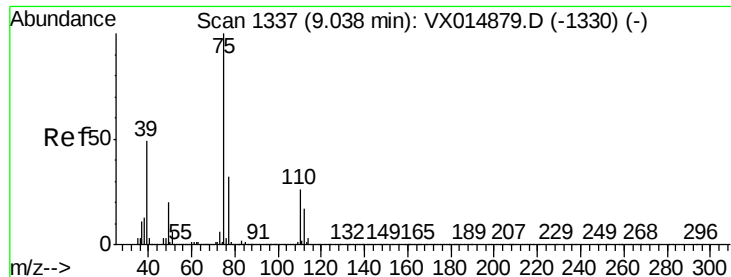
Tgt Ion: 92 Resp: 553800

Ion Ratio Lower Upper

92 100

91 172.5 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 50.286 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 335640

Ion Ratio Lower Upper

75 100

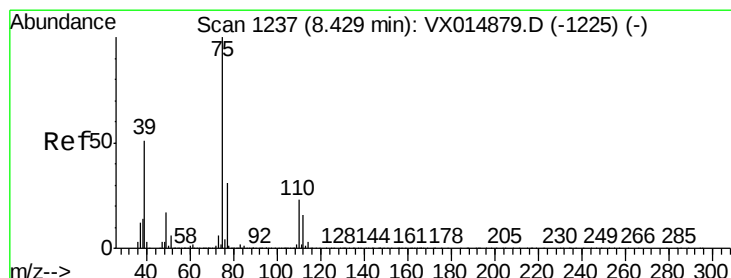
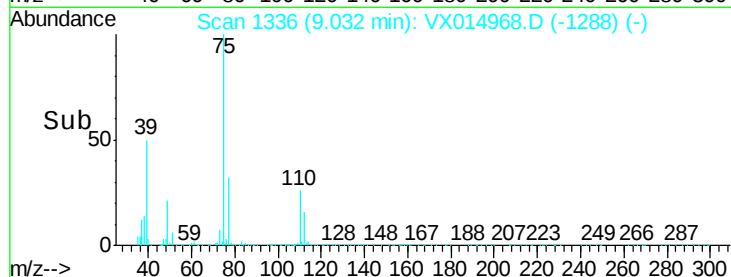
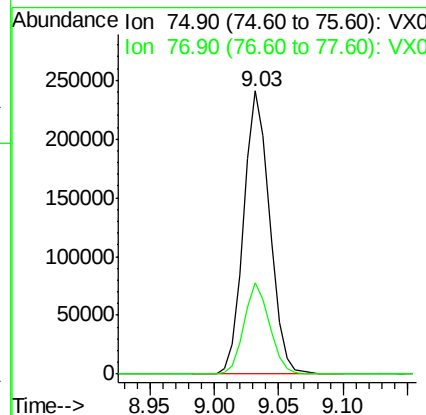
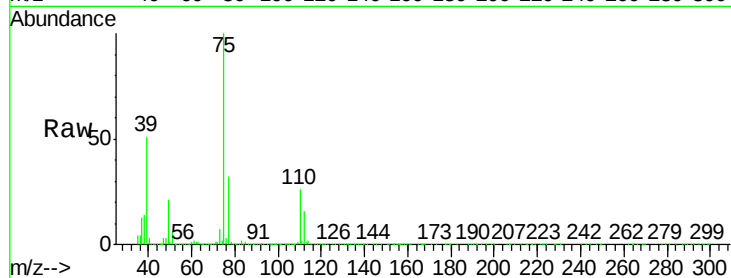
77 32.1 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.290 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

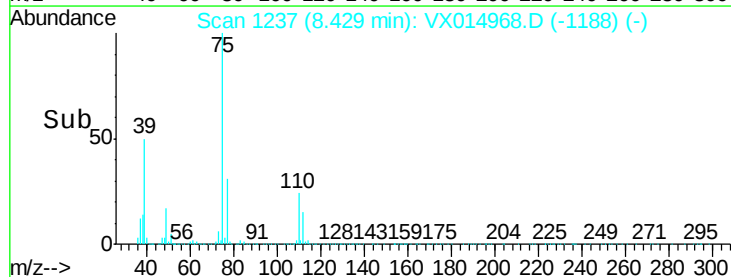
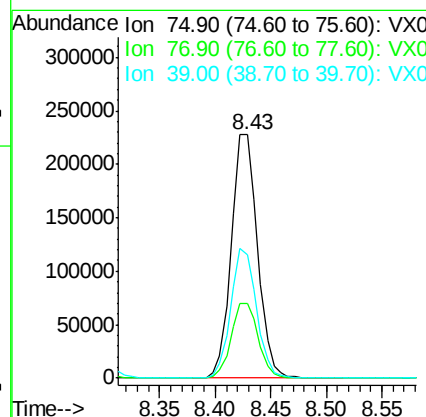
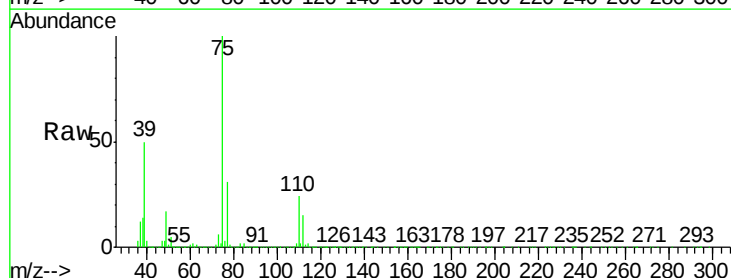
Tgt Ion: 75 Resp: 370813

Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0

39 50.3 40.9 61.3





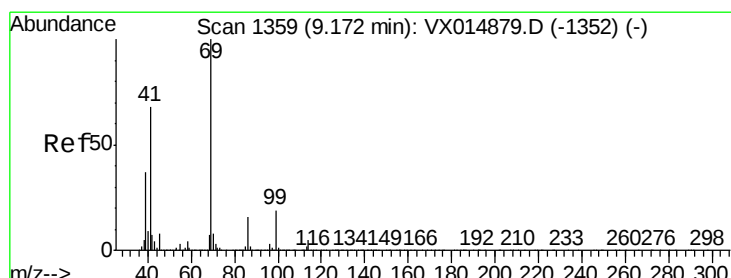
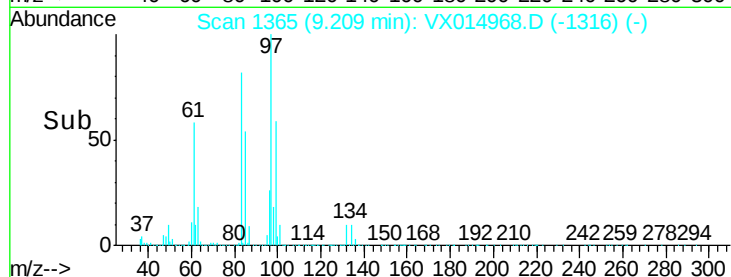
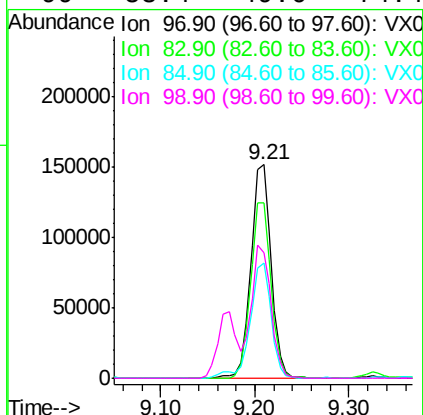
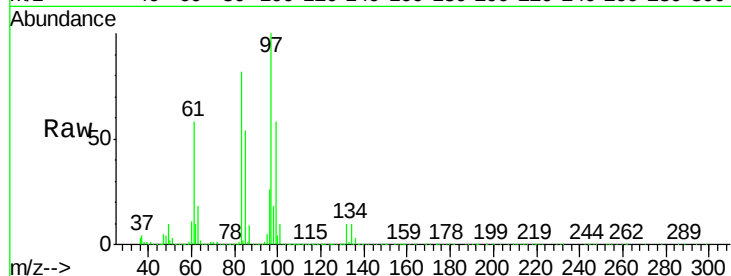
#55
 1,1,2-Trichloroethane
 Concen: 50.596 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		229080		
83	81.9	66.6	99.8		
85	53.7	43.5	65.3		
99	58.4	49.6	74.4		

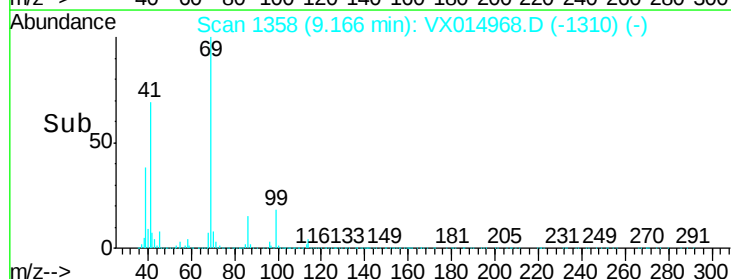
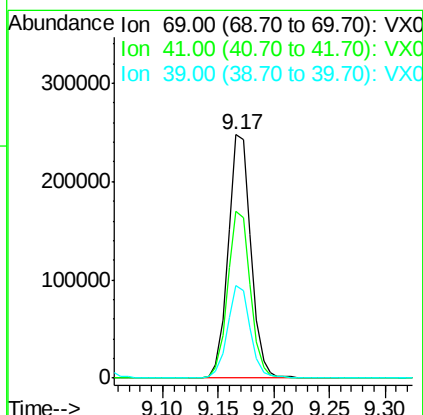
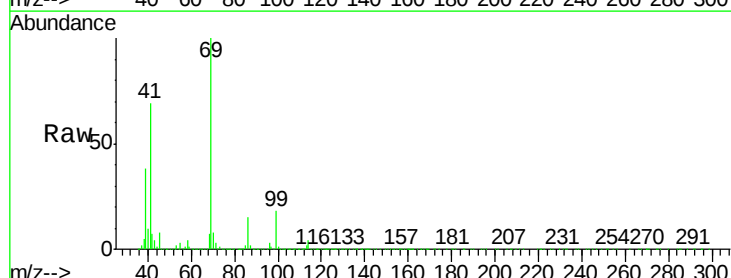
Manual Integrations
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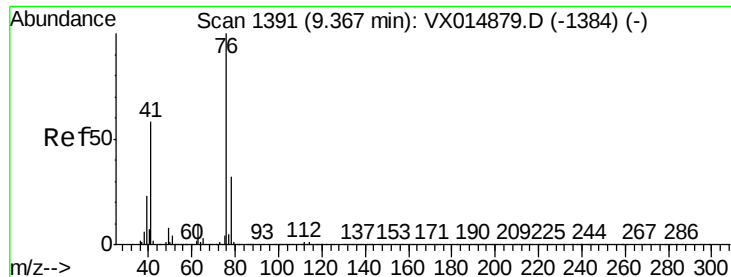
MMDadoda
 2/21/2020 9:15:20 AM



#56
 Ethyl methacrylate
 Concen: 51.074 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		347579		
41	68.8	54.8	82.2		
39	37.6	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 49.508 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 377322

Ion Ratio Lower Upper

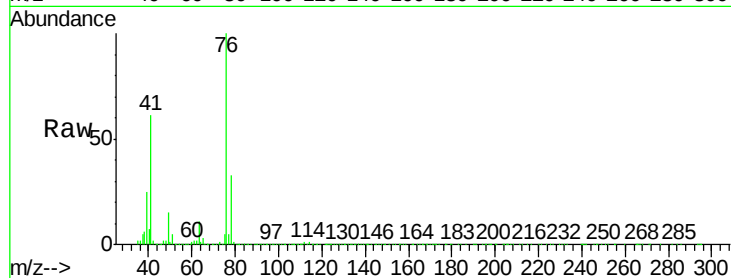
76 100

78 32.8 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

250000

200000

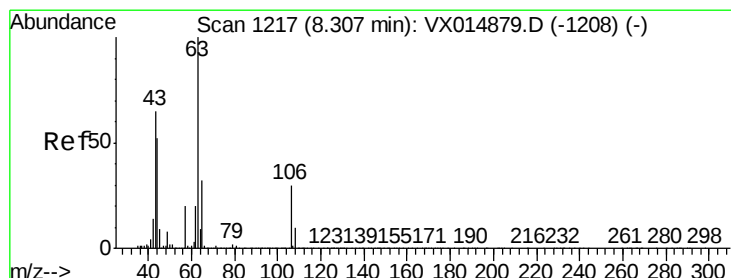
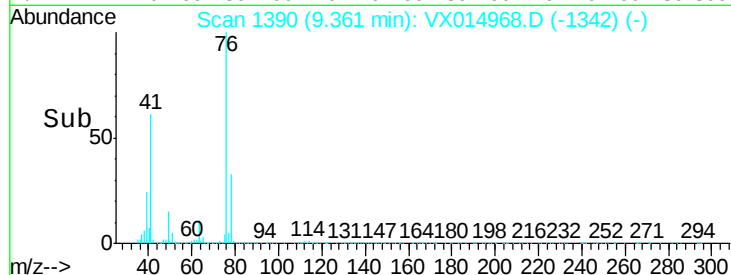
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 259.770 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014968.D

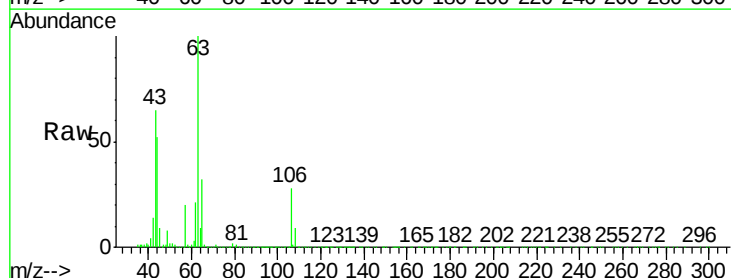
Acq: 20 Feb 2020 09:57

Tgt Ion: 63 Resp: 924548

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

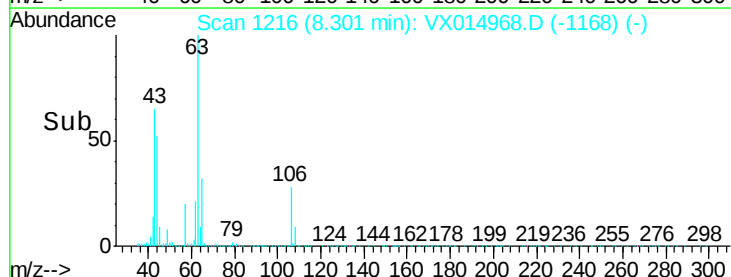
600000

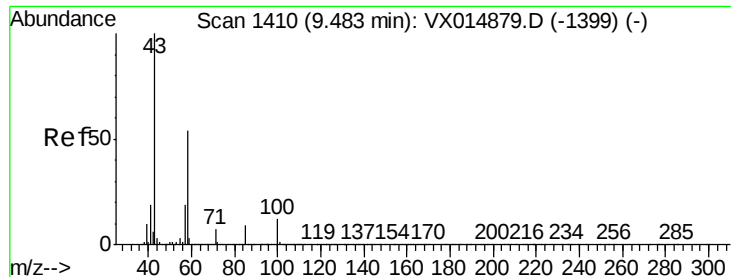
400000

200000

0

Time-->





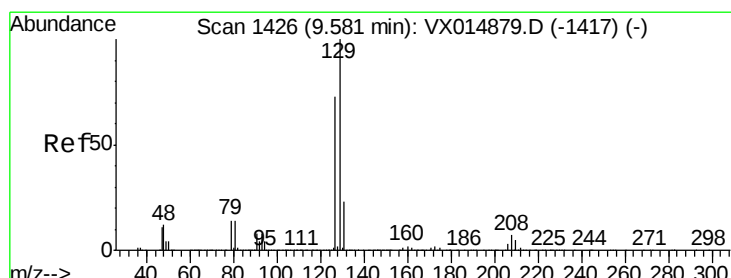
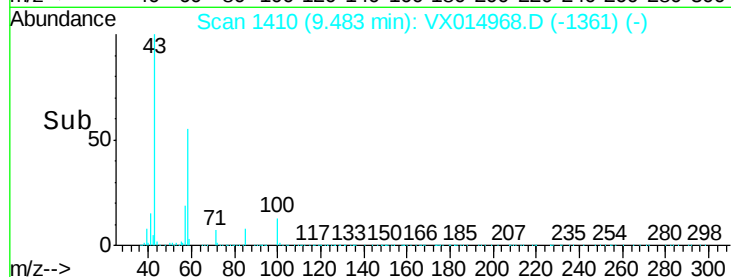
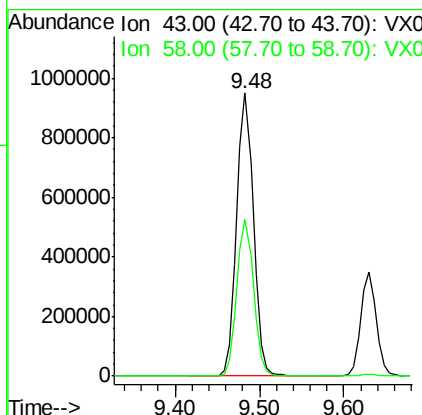
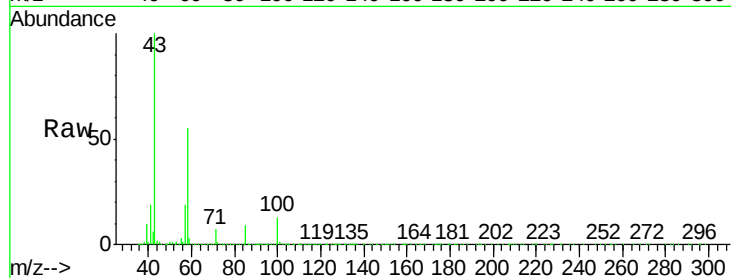
#59
2-Hexanone
Concen: 262.033 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1261827
Ion Ratio Lower Upper
43 100
58 55.2 27.5 82.5

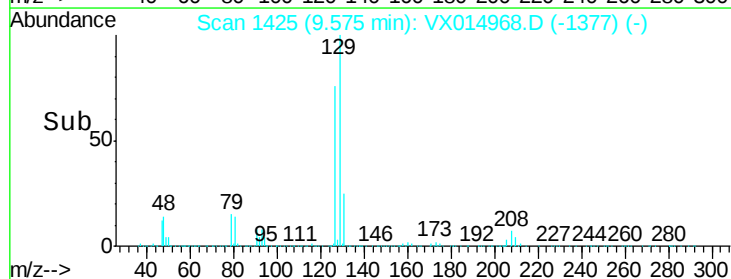
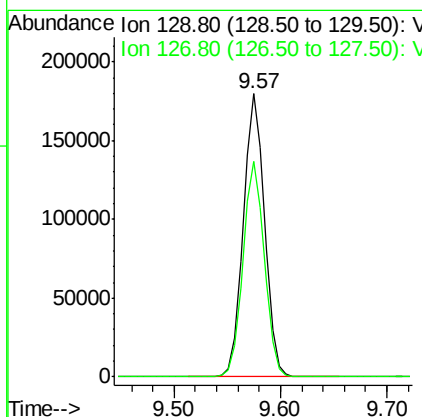
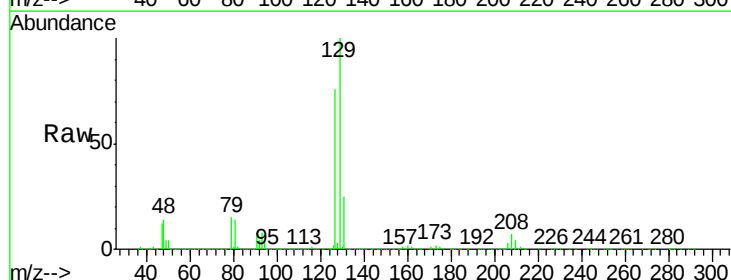
Manual Integrations
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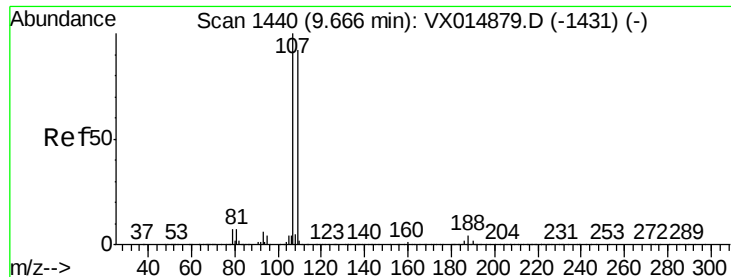
MMDadoda
2/21/2020 9:15:20 AM



#60
Dibromochloromethane
Concen: 51.969 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 129 Resp: 253217
Ion Ratio Lower Upper
129 100
127 76.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.731 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 238060

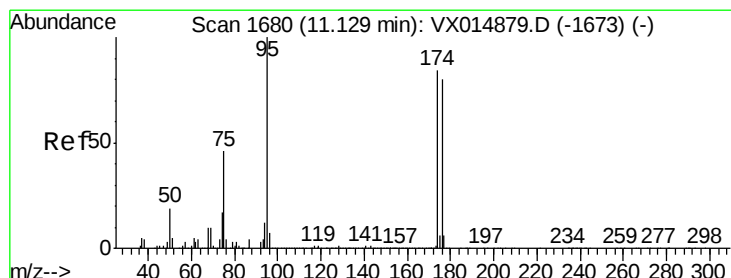
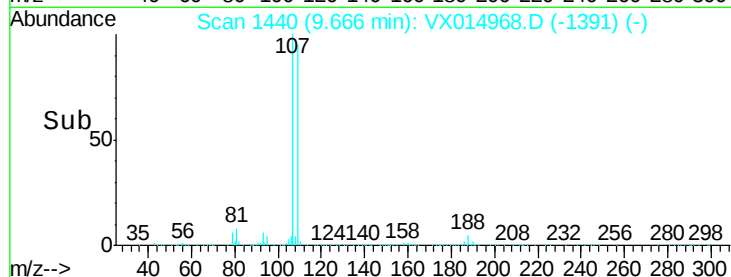
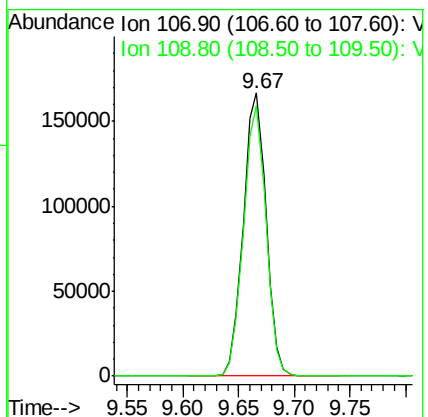
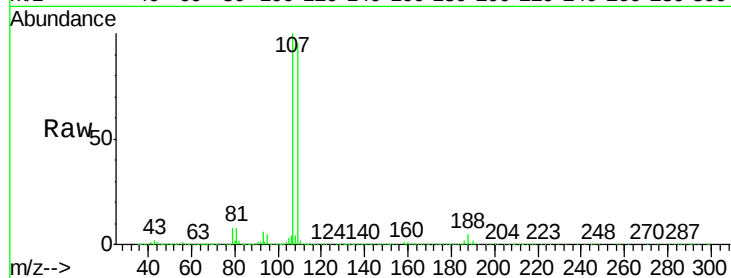
Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.827 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

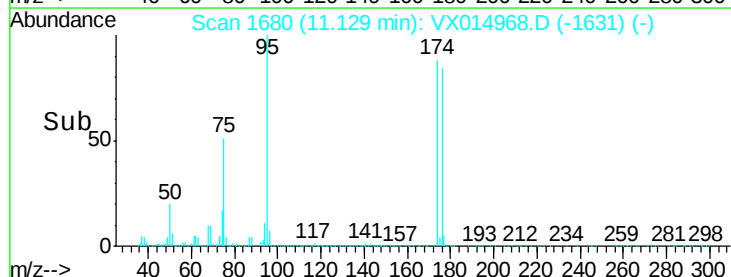
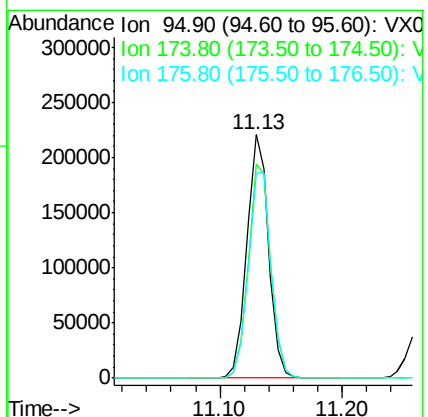
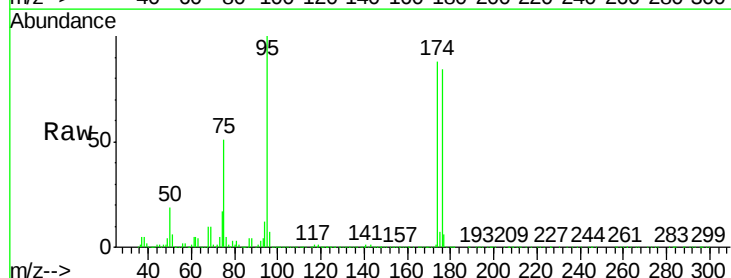
Tgt Ion: 95 Resp: 272104

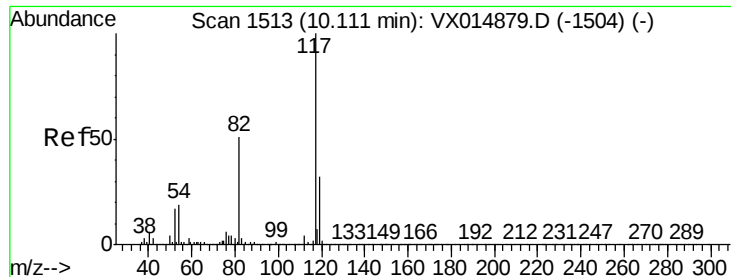
Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.0

176 89.2 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: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

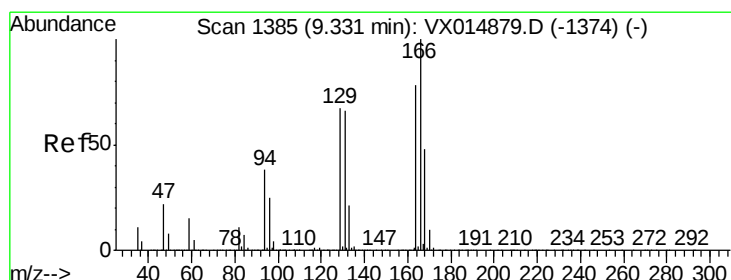
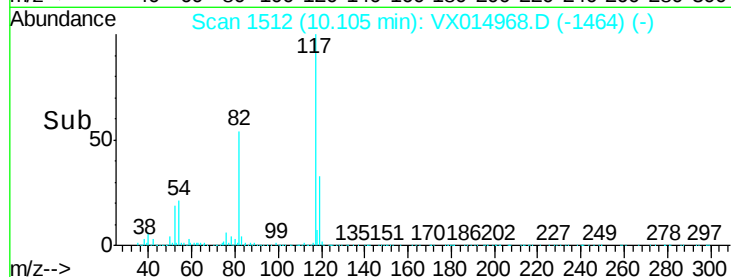
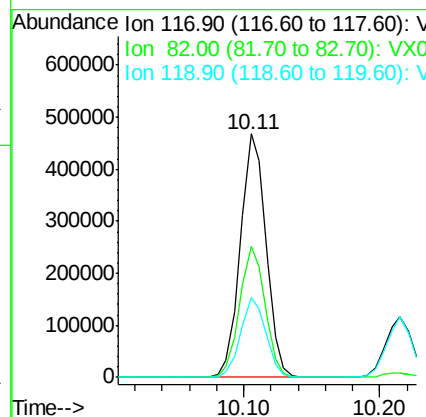
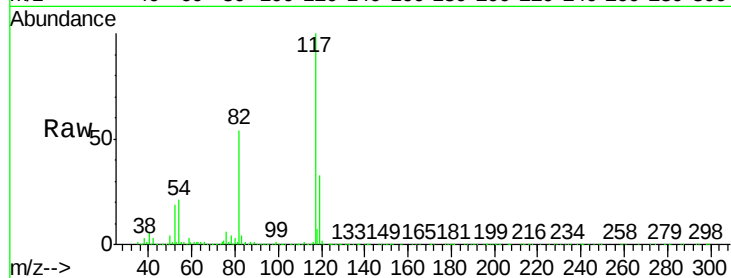
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	40.5	60.7
119	32.6	25.8	38.6

Manual Integrations
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#64

Tetrachloroethene

Concen: 44.581 ug/l

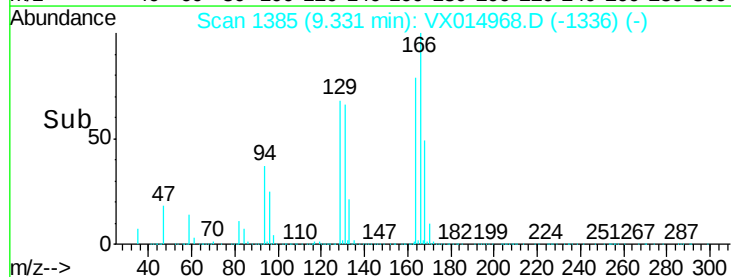
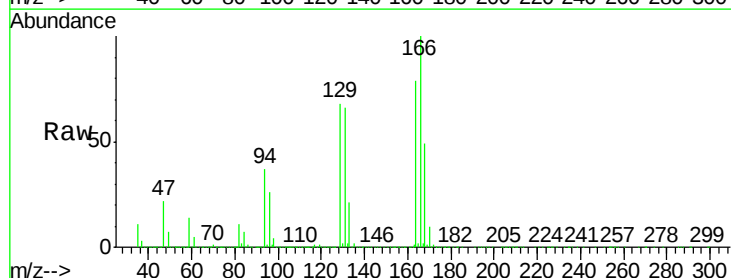
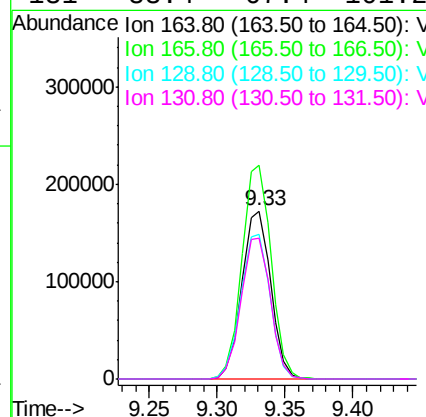
RT: 9.33 min Scan# 1385

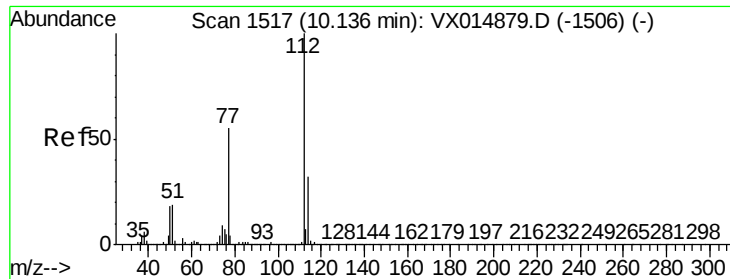
Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.6	153.8
129	86.1	68.3	102.5
131	83.4	67.4	101.2





#65

Chlorobenzene

Concen: 48.708 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 607098

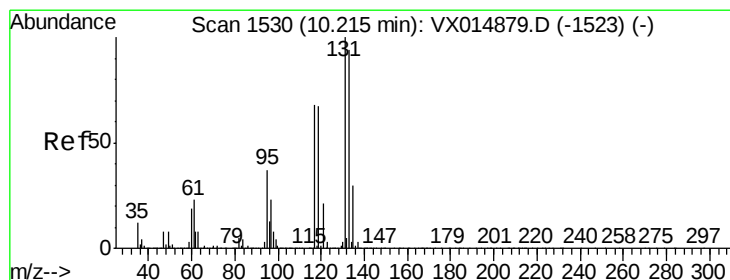
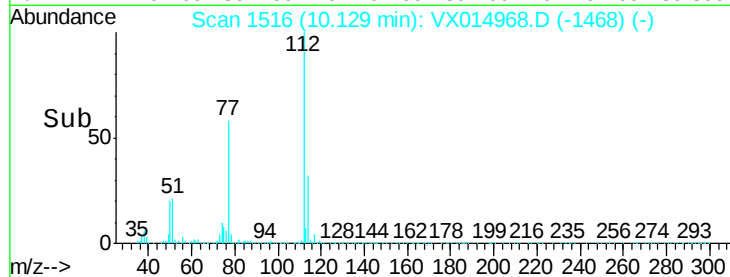
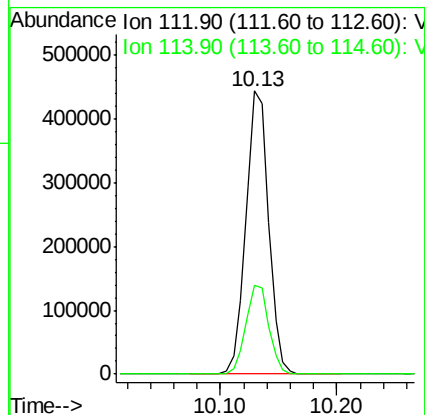
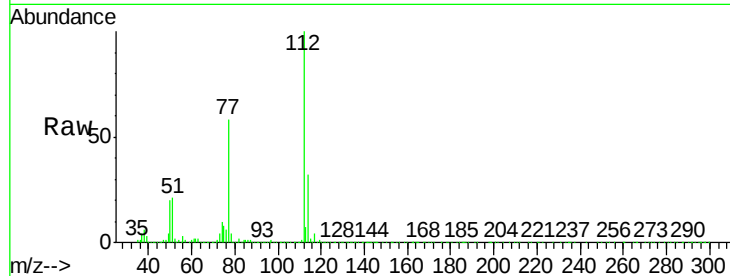
Ion Ratio Lower Upper

112 100

114 31.5 25.6 38.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.672 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

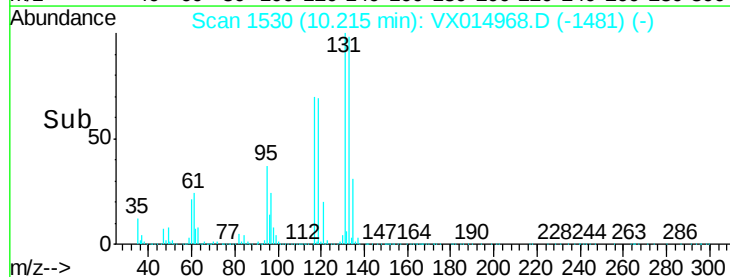
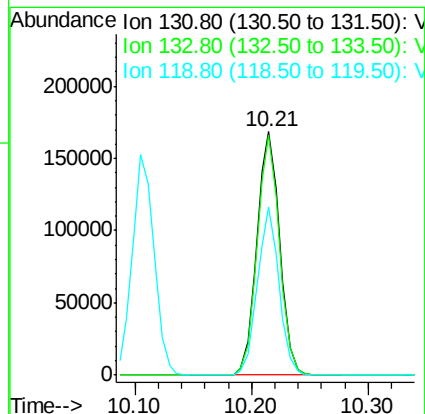
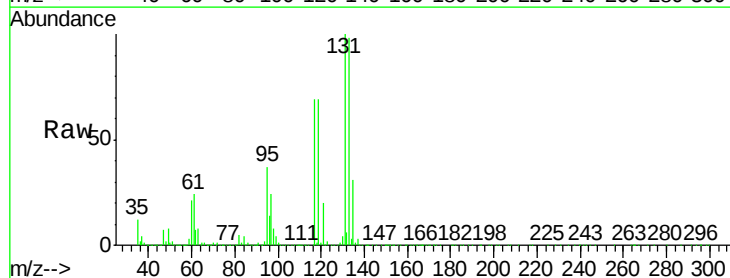
Tgt Ion:131 Resp: 229294

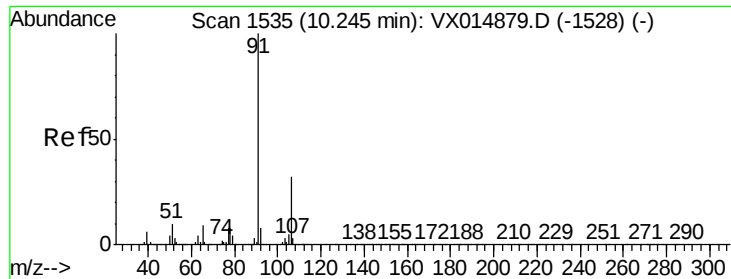
Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.4

119 65.7 33.0 99.0





#67

Ethyl Benzene

Concen: 50.768 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1076165

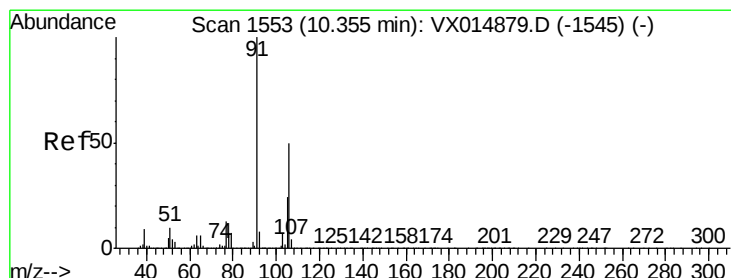
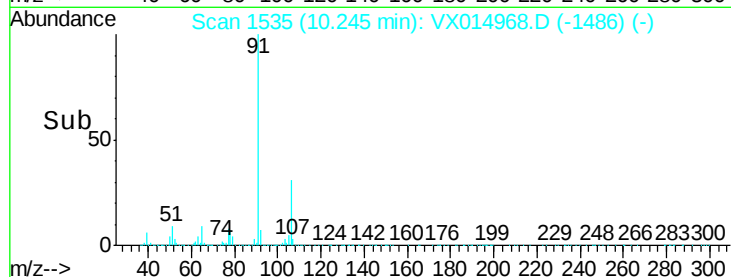
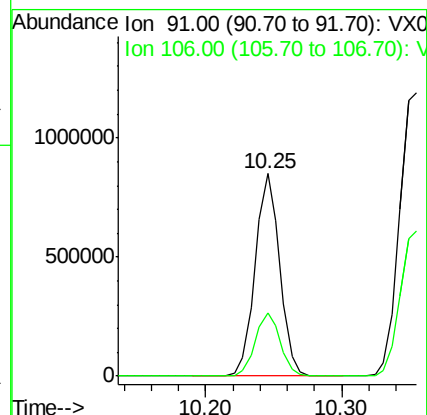
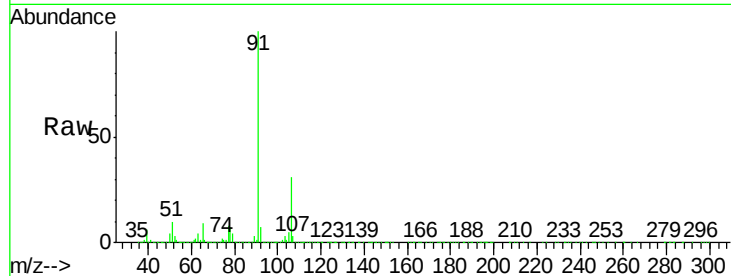
Ion Ratio Lower Upper

91 100

106 31.3 25.3 37.9

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#68

m/p-Xylenes

Concen: 101.116 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014968.D

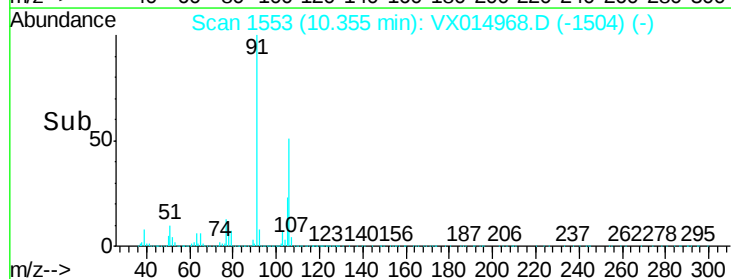
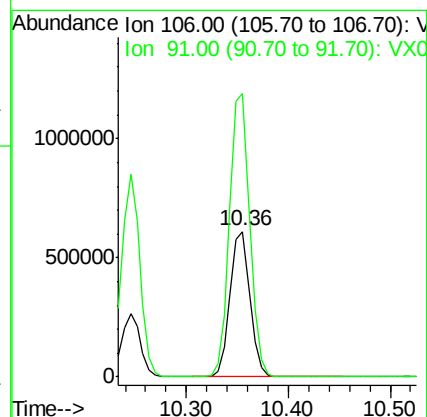
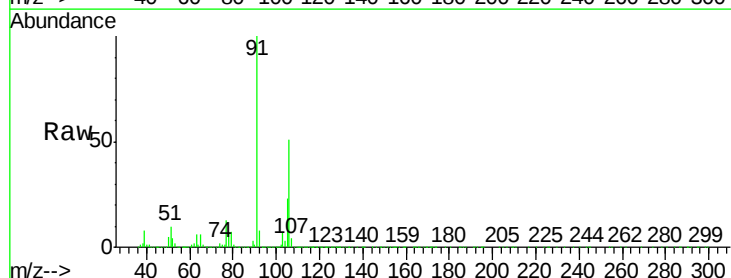
Acq: 20 Feb 2020 09:57

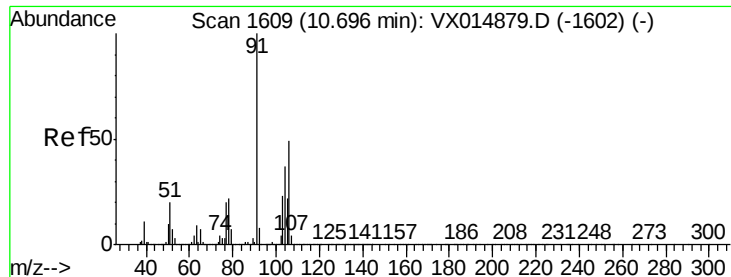
Tgt Ion: 106 Resp: 825719

Ion Ratio Lower Upper

106 100

91 198.1 160.6 240.8





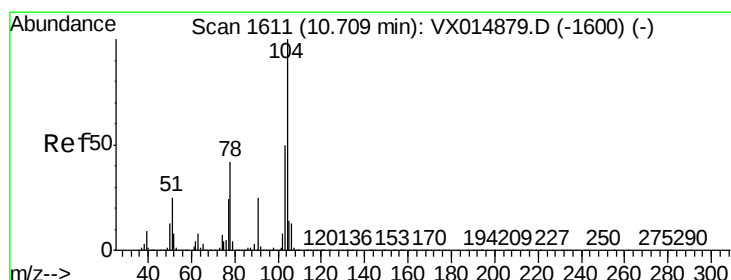
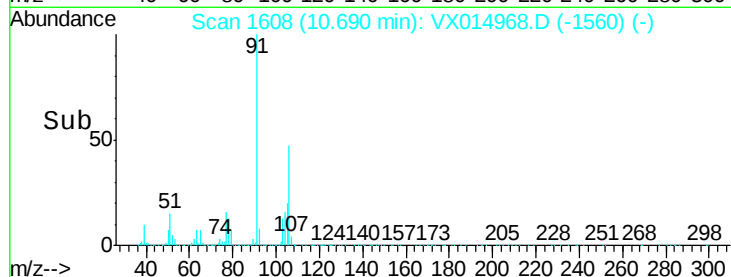
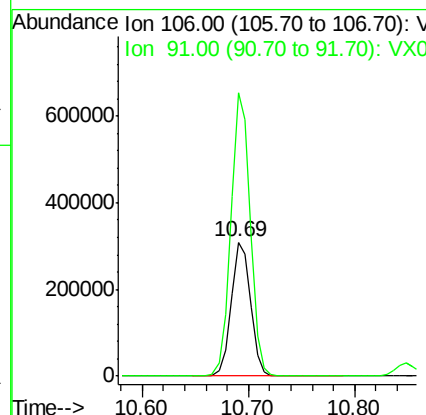
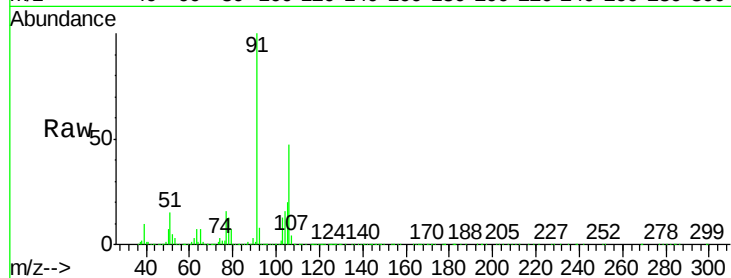
#69
o-Xylene
Concen: 50.298 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.9	105.1	315.3

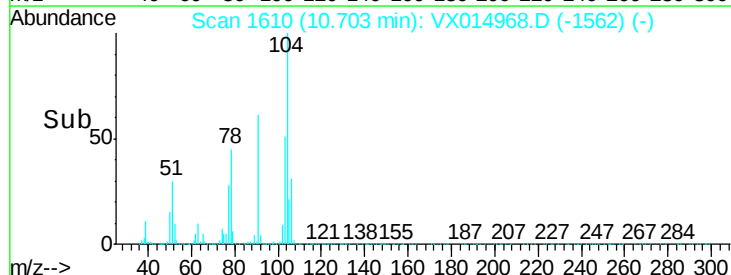
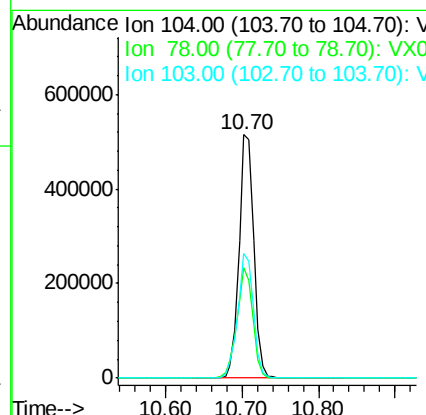
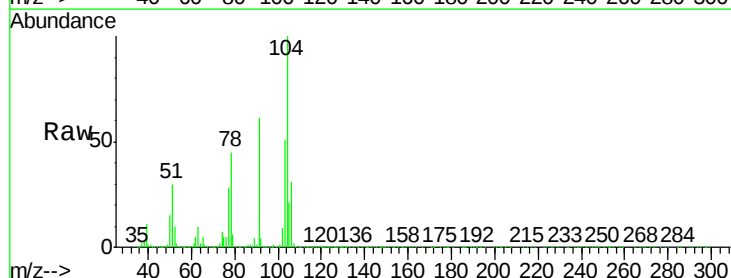
Manual Integrations
APPROVED

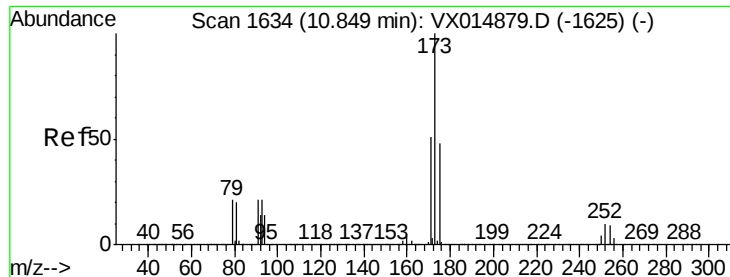
MMDadoda
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#70
Styrene
Concen: 51.698 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.0	58.4
103	54.4	43.4	65.0





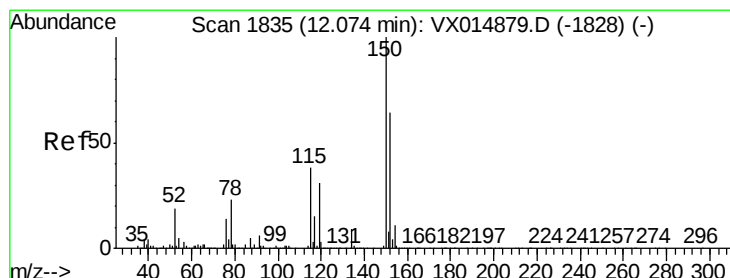
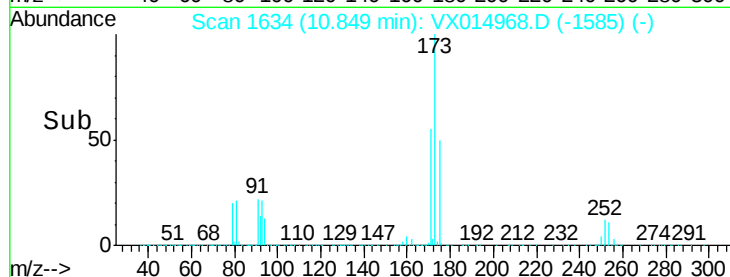
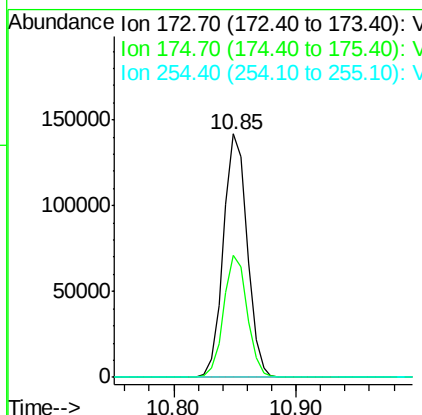
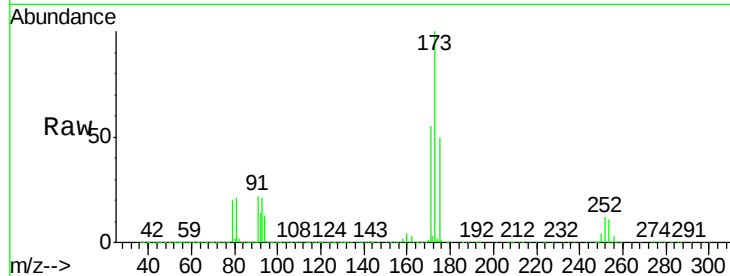
#71
Bromoform
Concen: 50.709 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

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

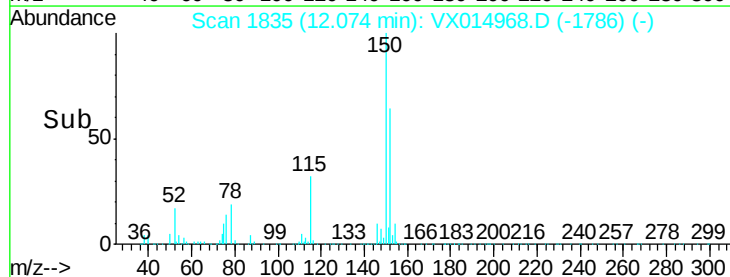
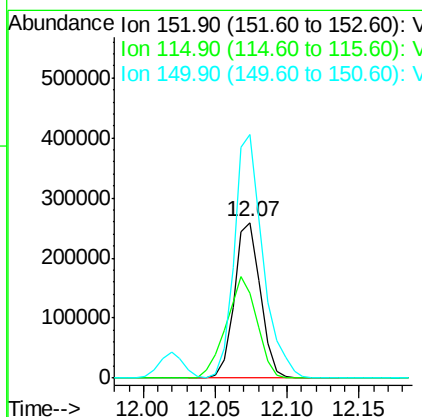
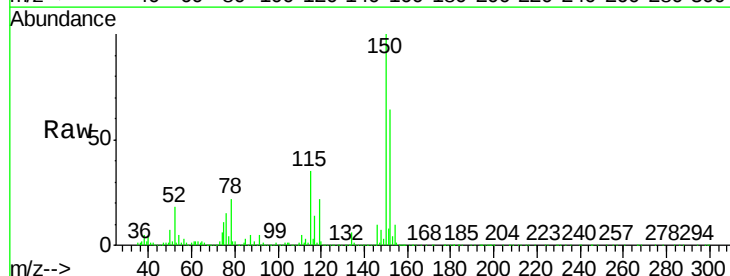
Manual Integrations
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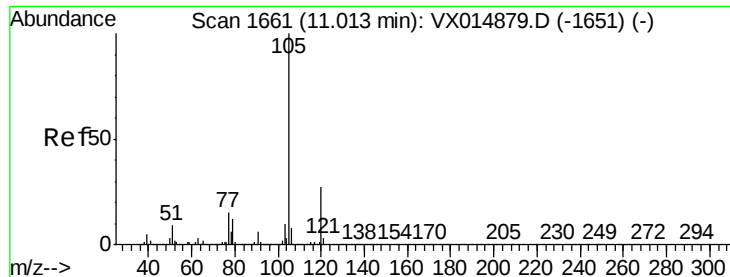
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.9	38.6	116.0
150	172.2	0.0	349.0





#73

Isopropylbenzene

Concen: 52.235 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1068281

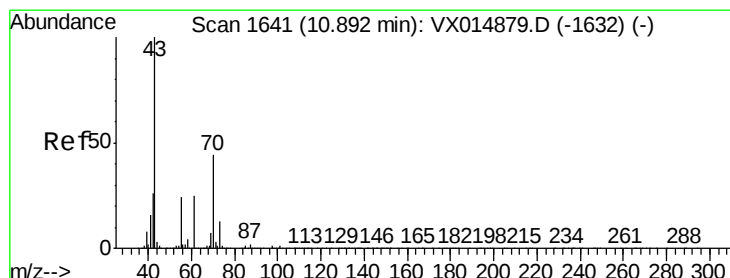
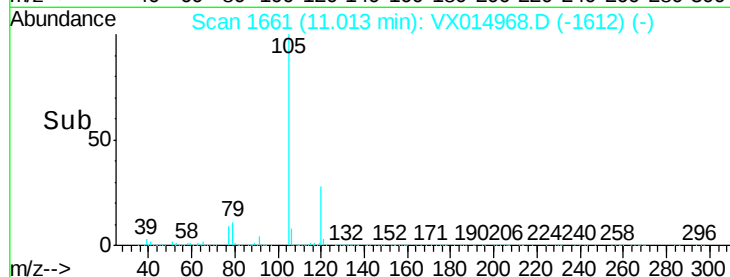
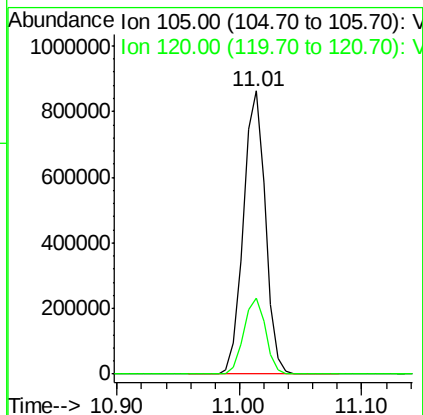
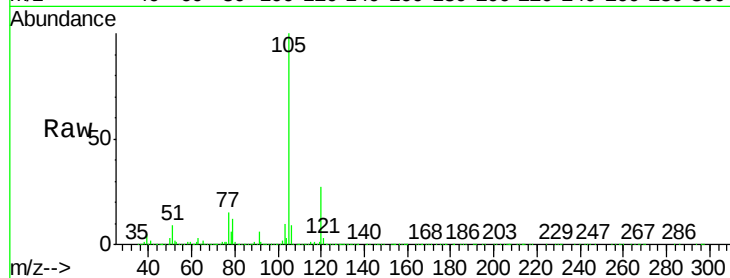
Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 52.464 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion: 43 Resp: 445820

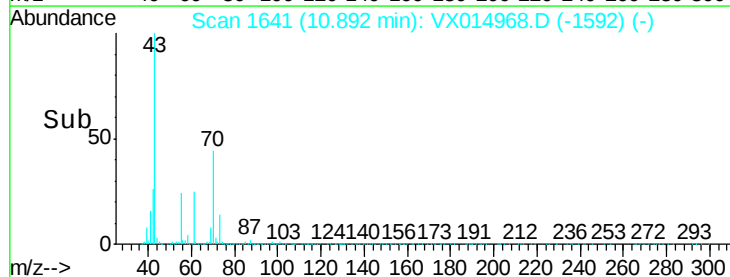
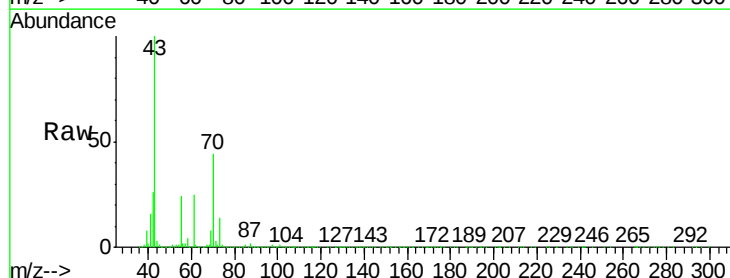
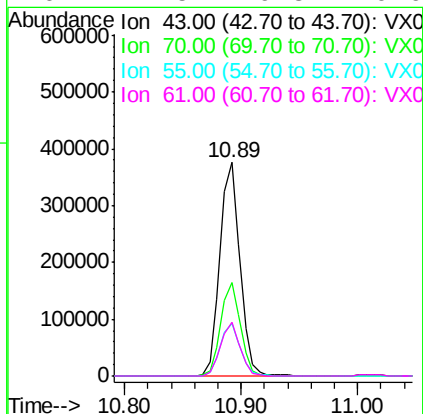
Ion Ratio Lower Upper

43 100

70 43.2 35.0 52.4

55 24.6 19.4 29.2

61 24.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.759 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

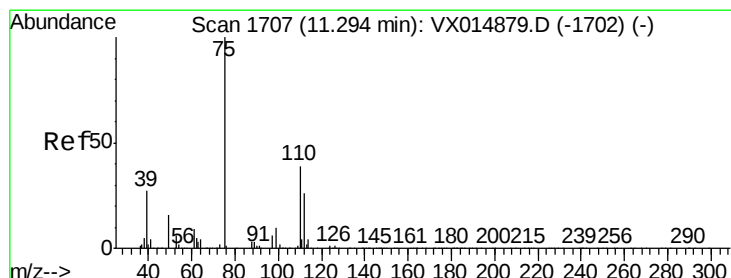
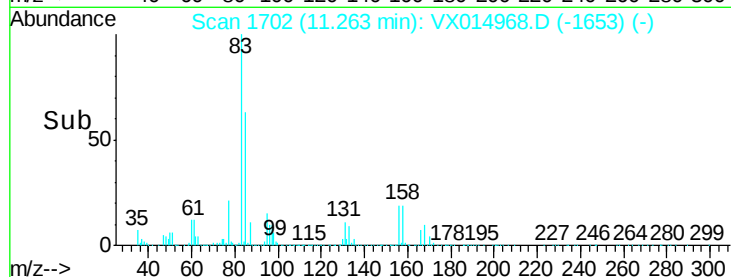
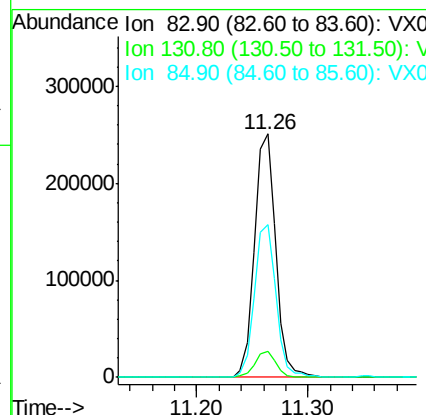
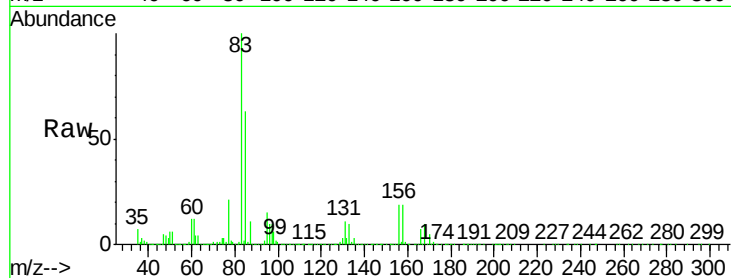
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	332656
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	63.5	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.444 ug/l m

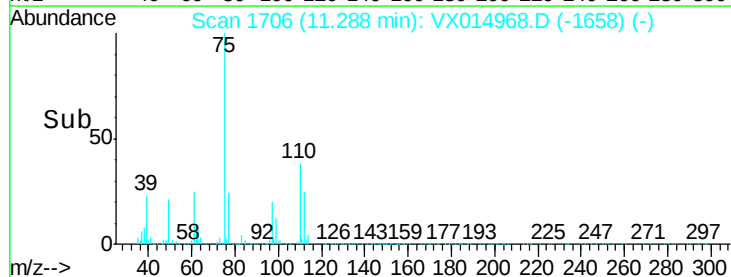
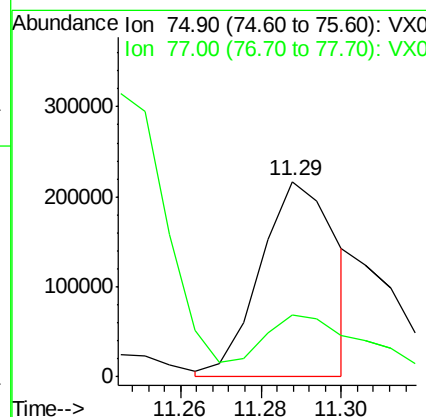
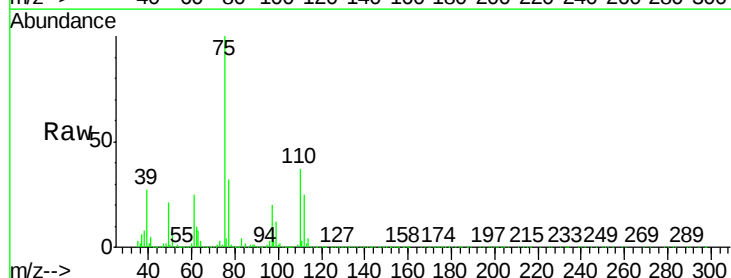
RT: 11.29 min Scan# 1706

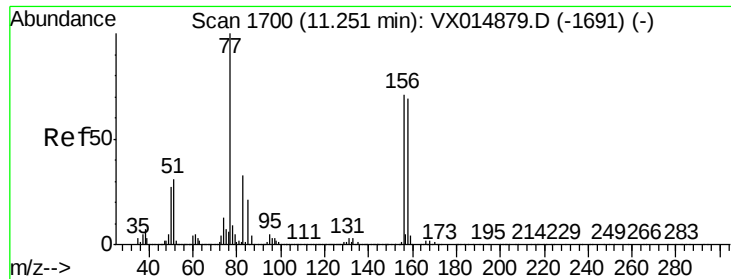
Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion:	75	Resp:	285689
Ion Ratio	Lower	Upper	
75	100		
77	43.4	18.4	55.0





#77

Bromobenzene

Concen: 48.724 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

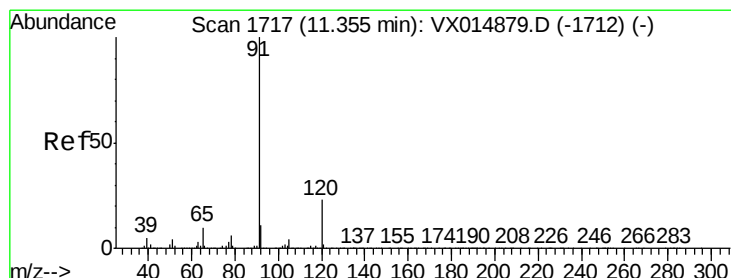
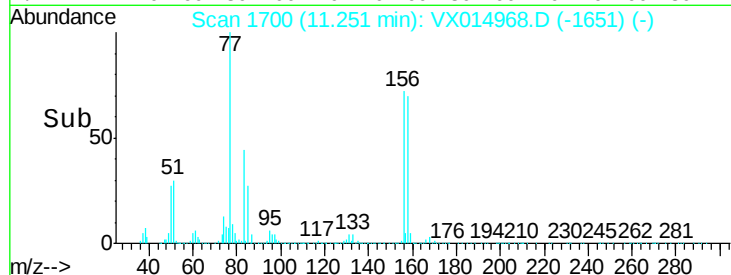
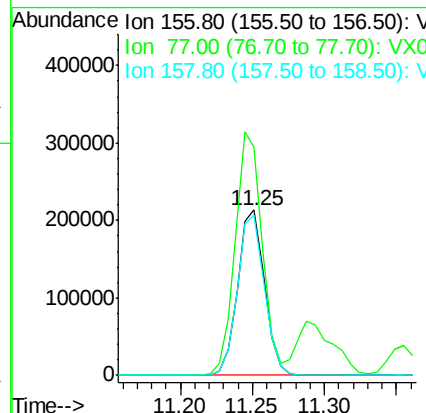
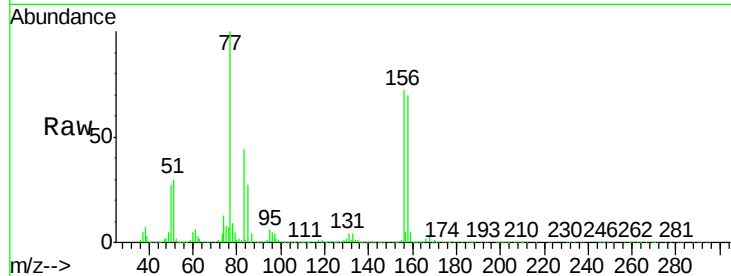
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	278123
Ion Ratio	Lower	Upper	
156	100		
77	148.6	74.0	222.0
158	98.1	48.9	146.6

Manual Integrations
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2/21/2020 9:15:20 AM



#78

n-propylbenzene

Concen: 51.940 ug/l

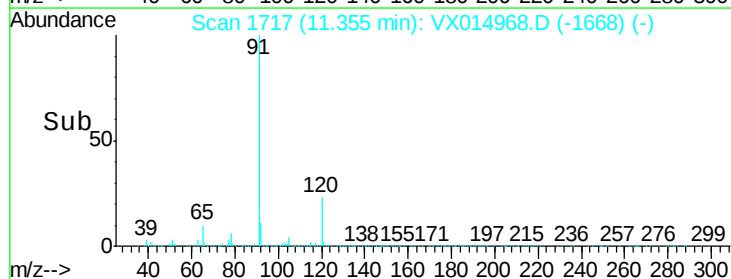
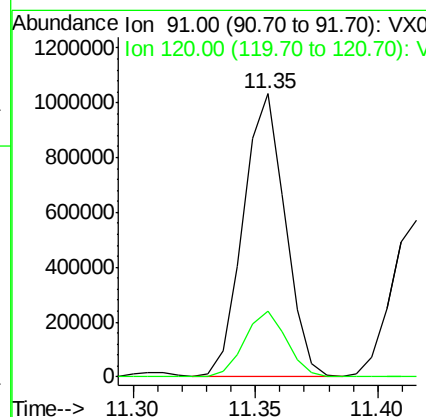
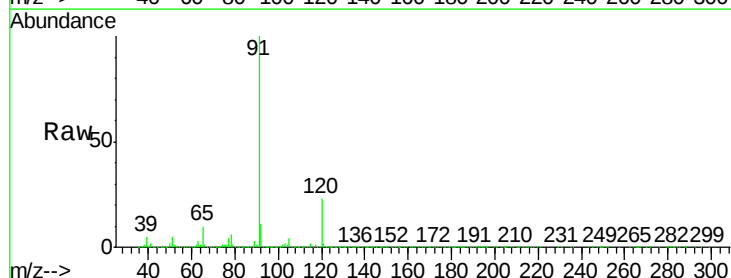
RT: 11.35 min Scan# 1717

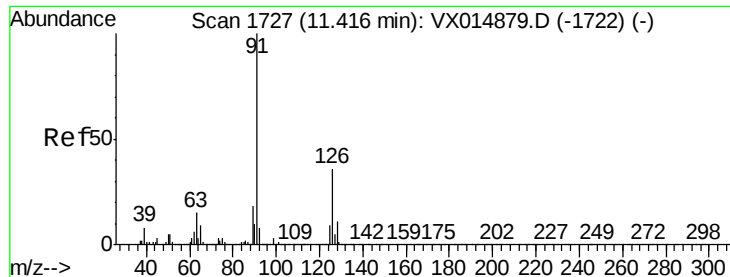
Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion:	91	Resp:	1228575
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.4





#79

2-Chlorotoluene

Concen: 51.447 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 715414

Ion Ratio Lower Upper

91 100

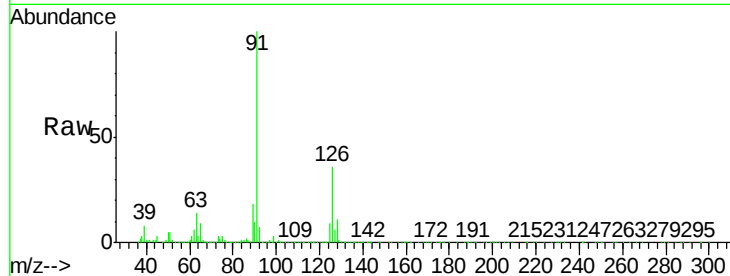
126 35.1 18.0 54.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014879.D (-1722) (-)

1200000

800000

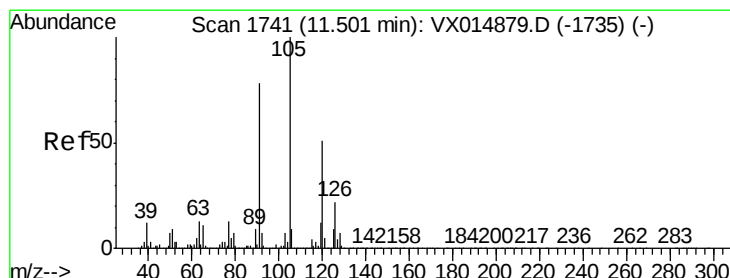
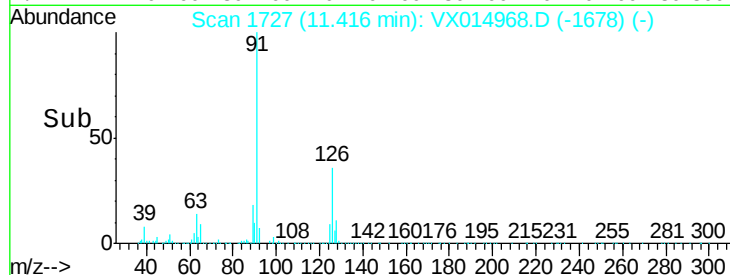
600000

400000

200000

0

Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 52.548 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014968.D

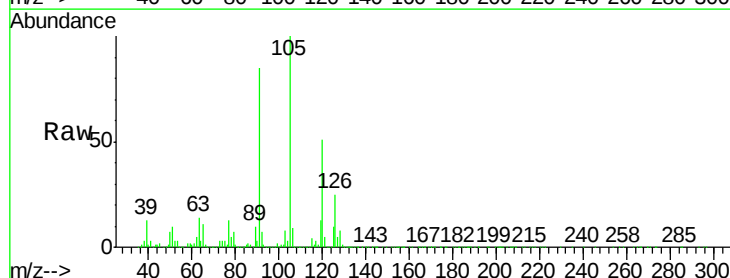
Acq: 20 Feb 2020 09:57

Tgt Ion: 105 Resp: 897951

Ion Ratio Lower Upper

105 100

120 50.2 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VX014879.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014879.D (-1735) (-)

800000

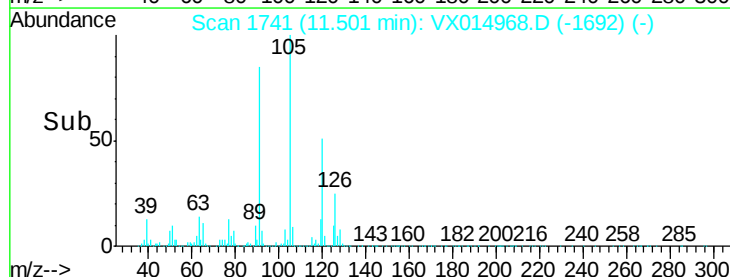
600000

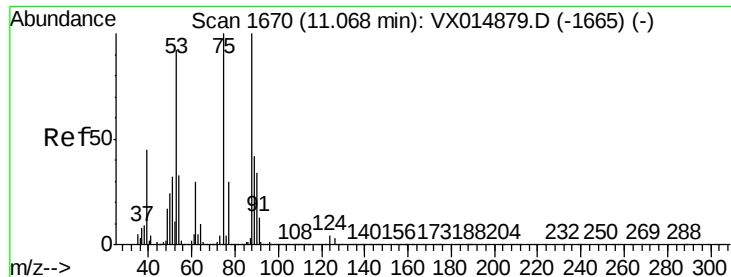
400000

200000

0

Time--> 11.50 11.60





#81

trans-1,4-Dichloro-2-butene

Concen: 49.395 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014968.D

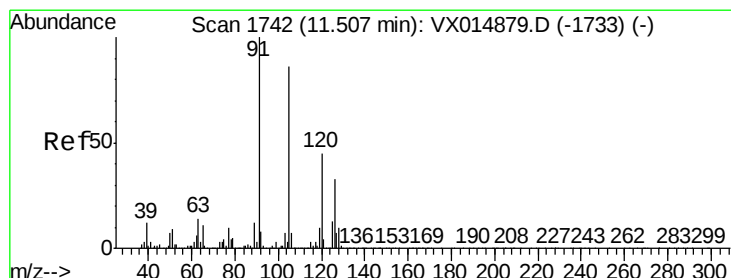
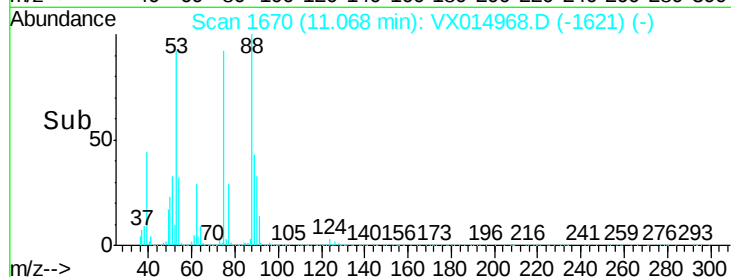
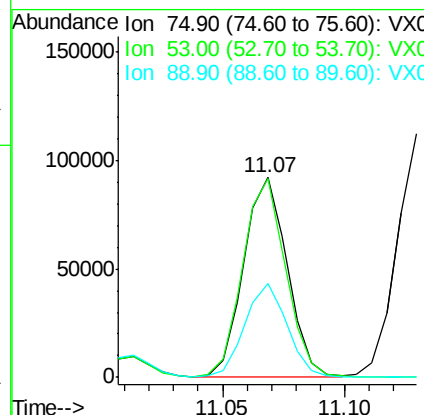
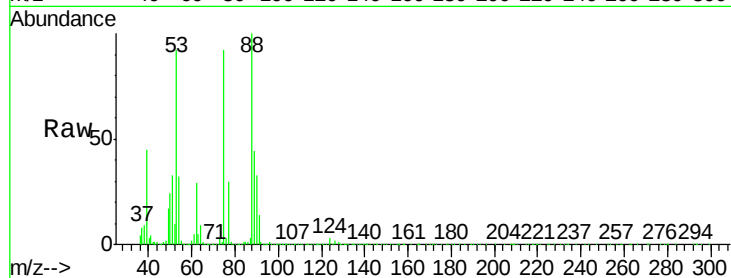
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.5	76.2	114.2
89	45.6	35.8	53.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.548 ug/l

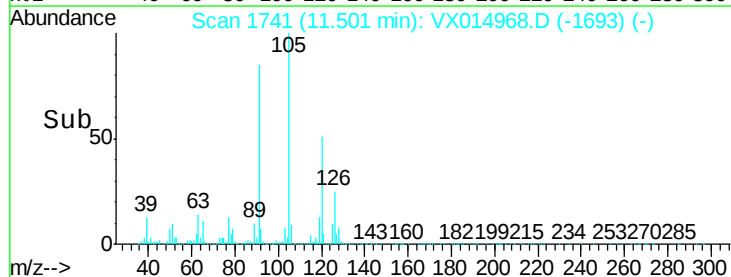
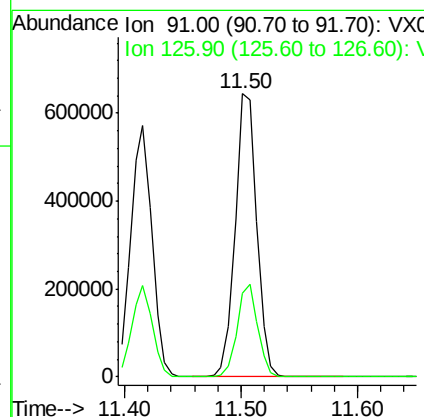
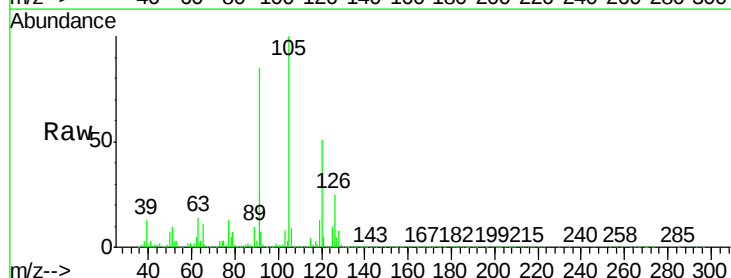
RT: 11.50 min Scan# 1741

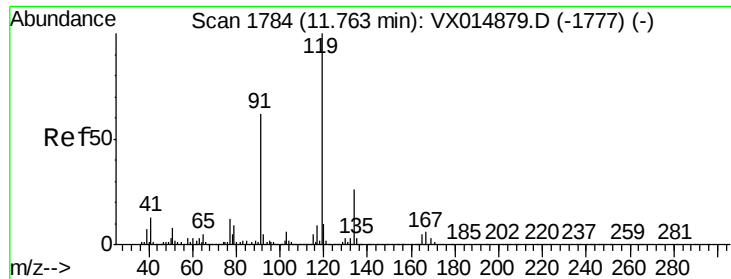
Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.7	47.0





#83

tert-Butylbenzene

Concen: 53.428 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

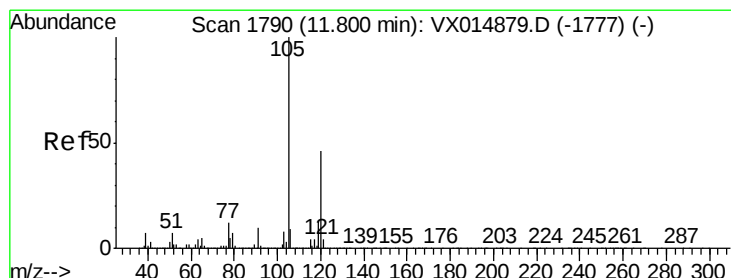
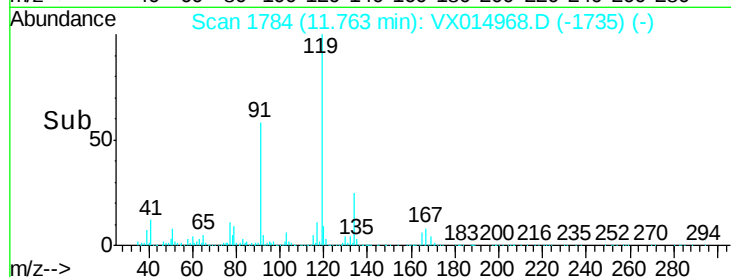
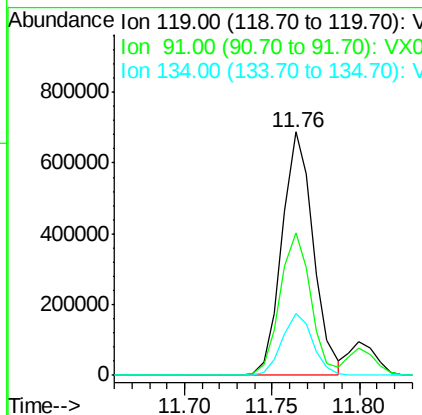
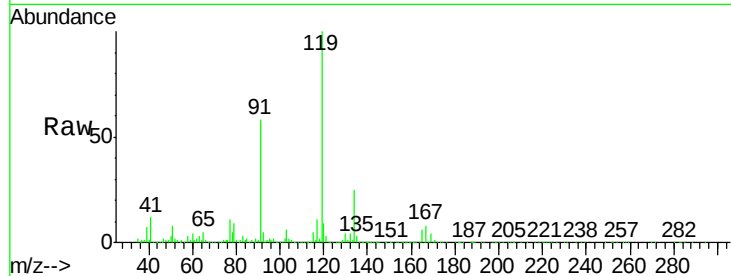
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	864568
Ion Ratio	Lower	Upper	
119	100		
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: 52.561 ug/l

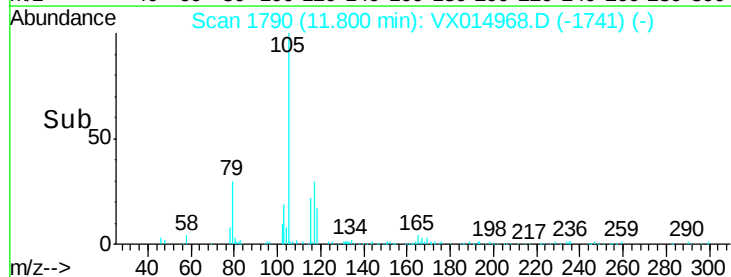
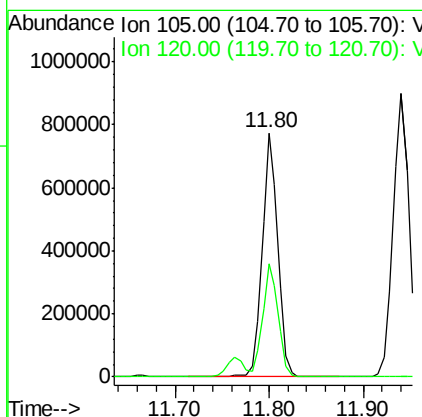
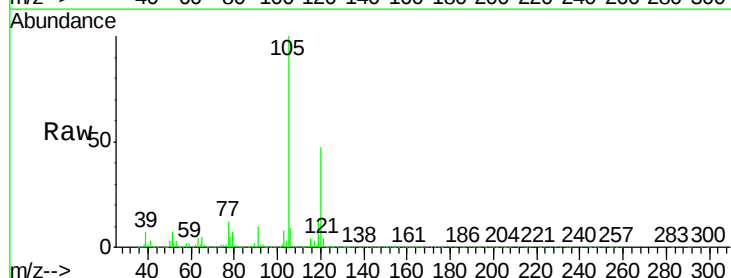
RT: 11.80 min Scan# 1790

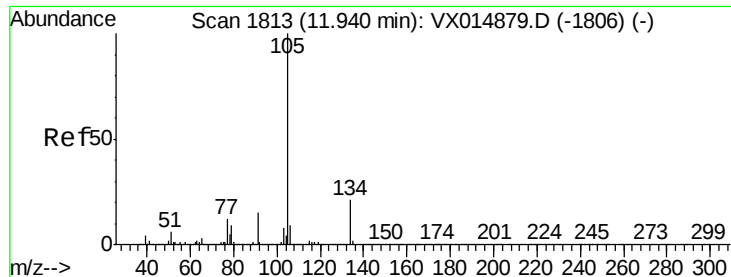
Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion:	105	Resp:	905159
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.0	69.0





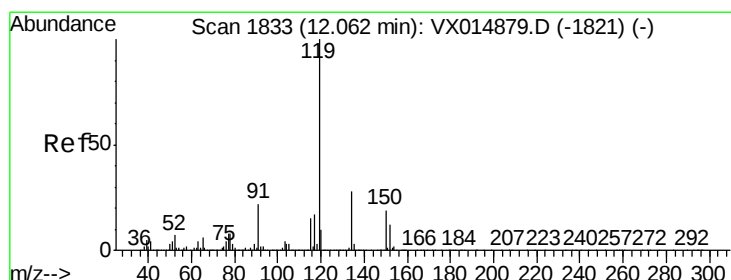
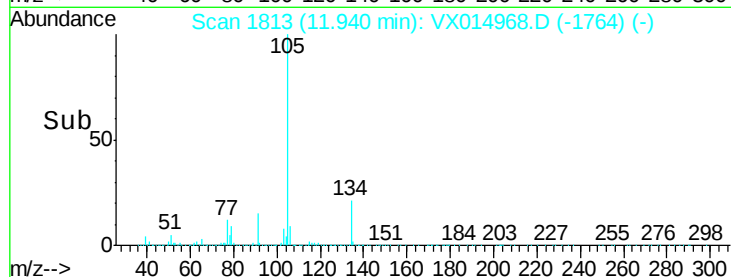
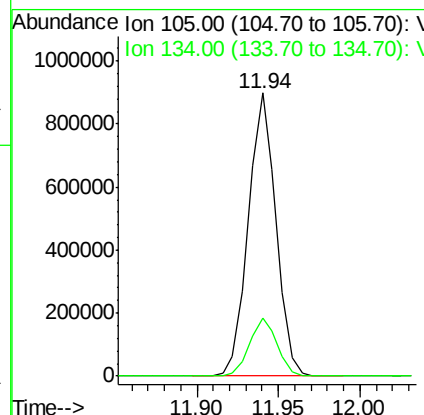
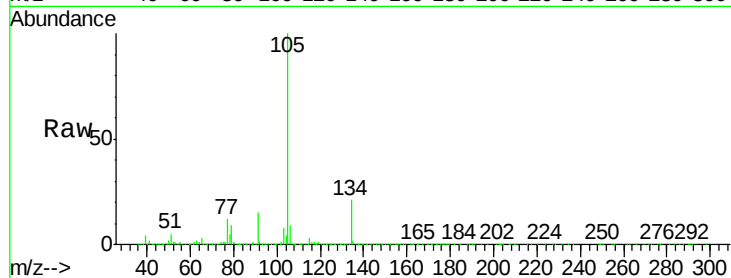
#85
 sec-Butylbenzene
 Concen: 52.718 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1059759
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.6 31.8

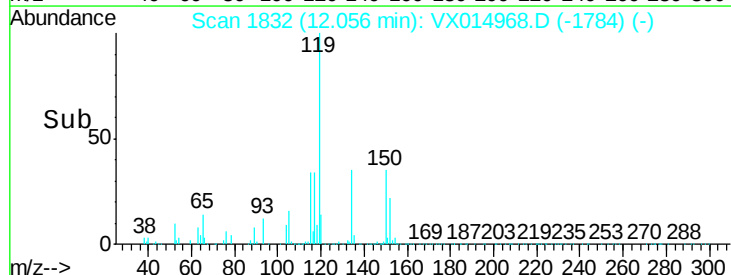
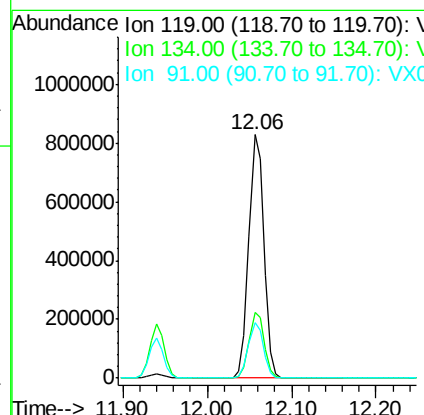
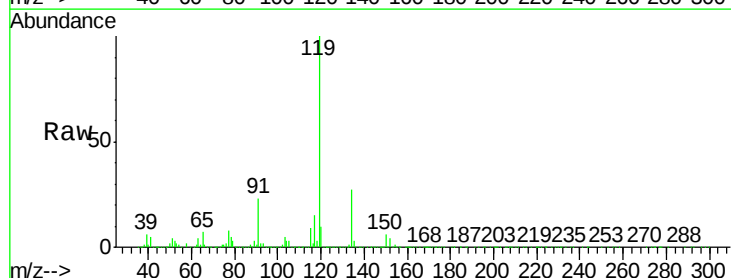
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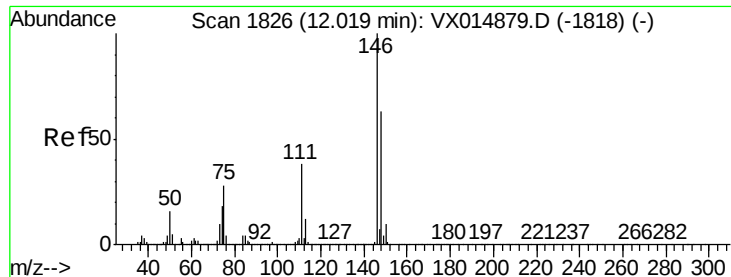
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#86
 p-Isopropyltoluene
 Concen: 52.359 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion:119 Resp: 984960
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 22.6 11.4 34.1





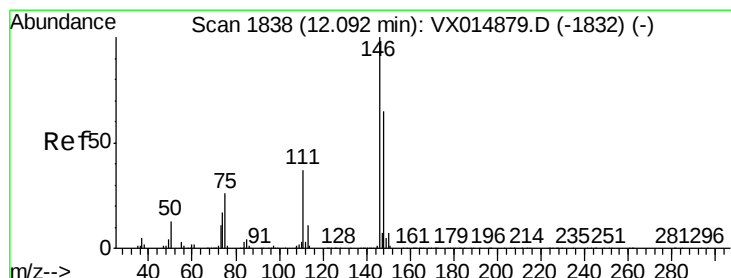
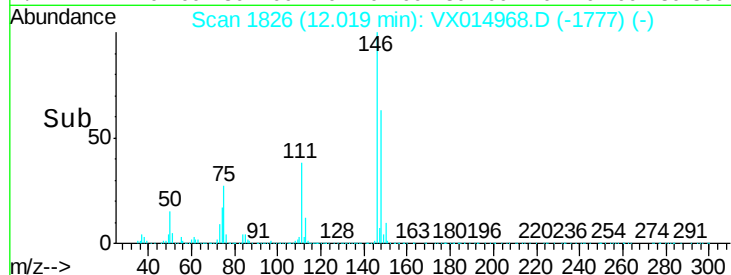
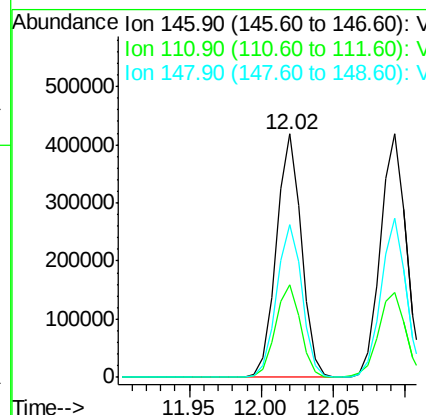
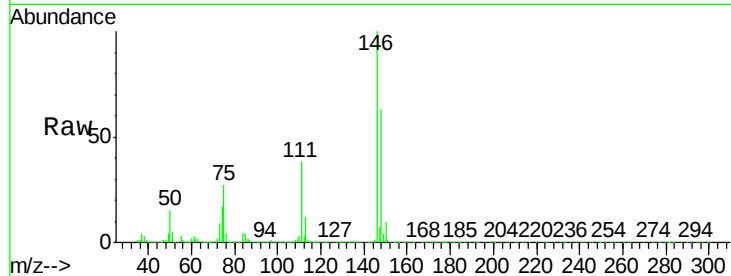
#87
 1,3-Dichlorobenzene
 Concen: 49.558 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	63.7	31.8	95.4

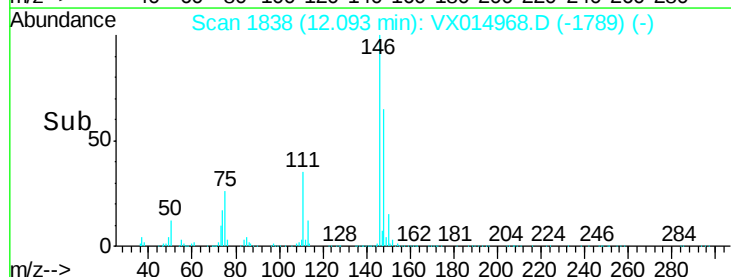
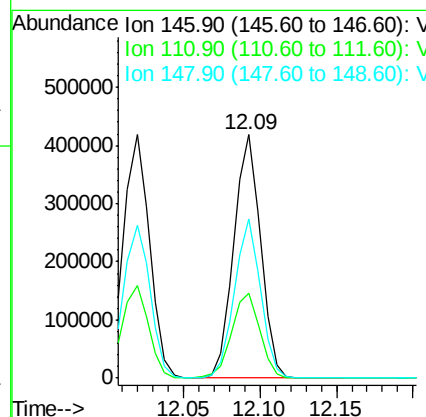
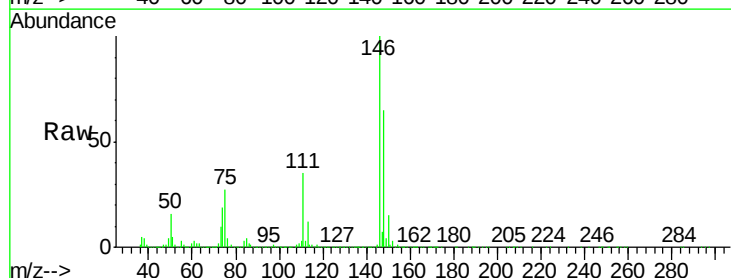
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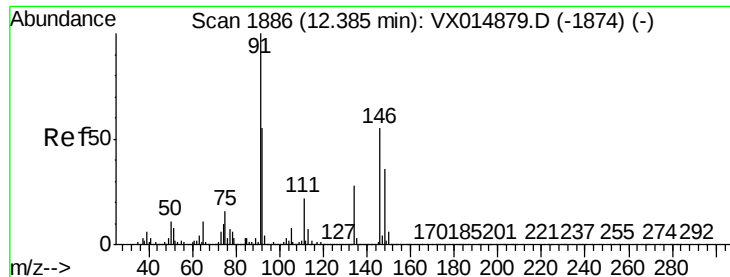
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.653 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	63.7	32.4	97.0





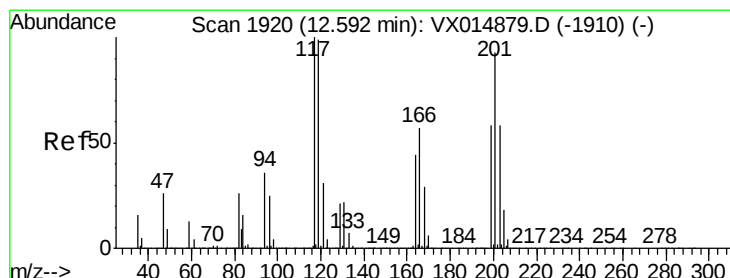
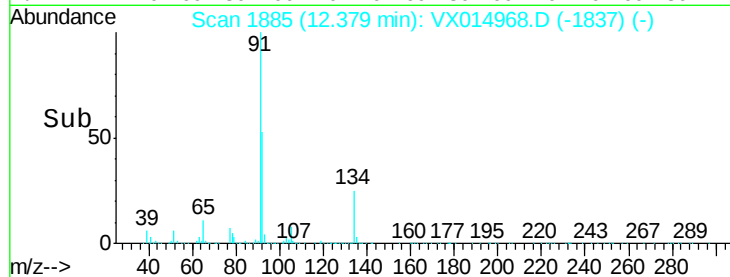
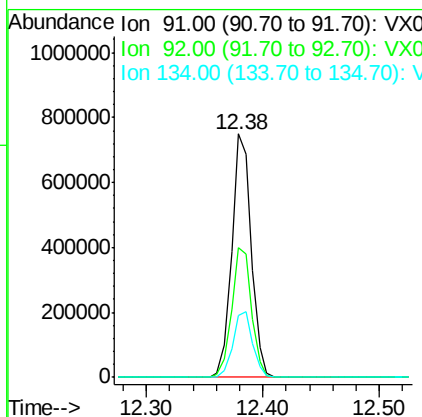
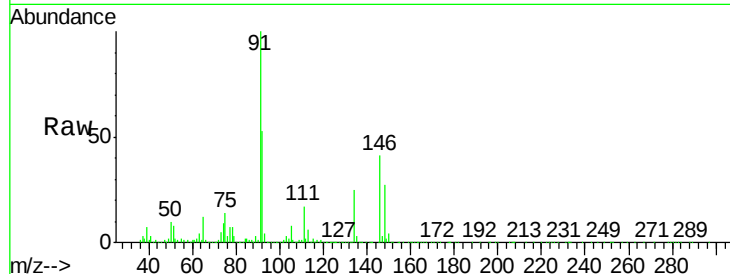
#89
n-Butylbenzene
Concen: 51.587 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.3	81.8
134	27.4	13.8	41.4

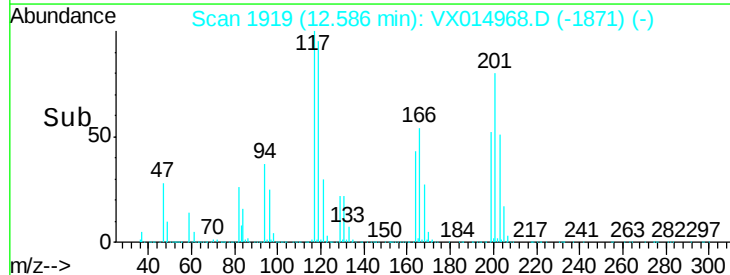
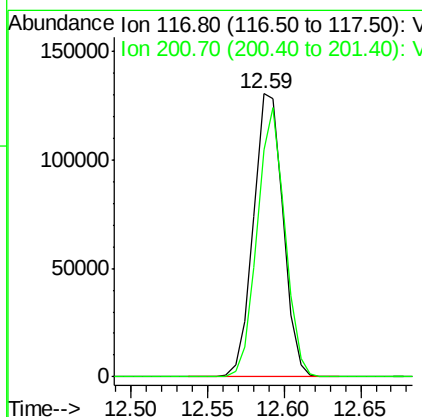
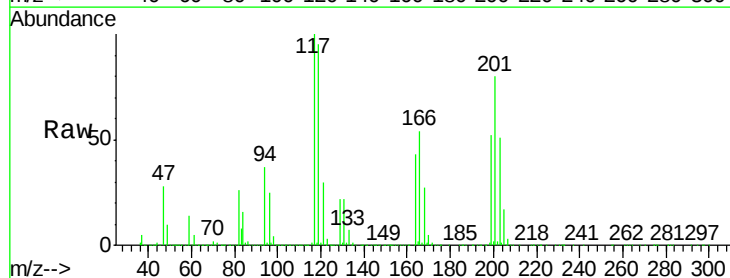
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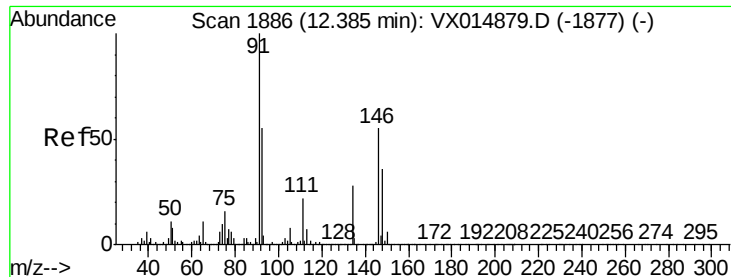
MMDadoda
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#90
Hexachloroethane
Concen: 53.548 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	44.8	134.3





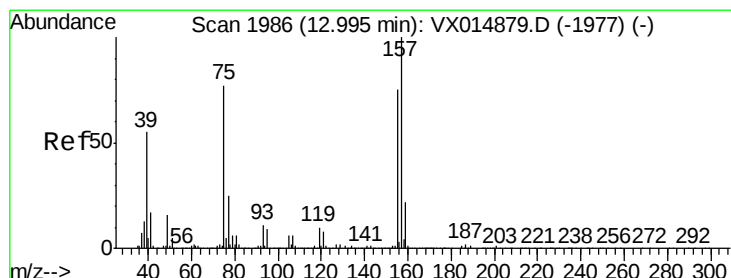
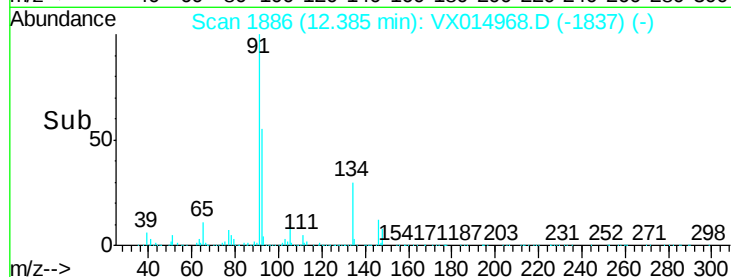
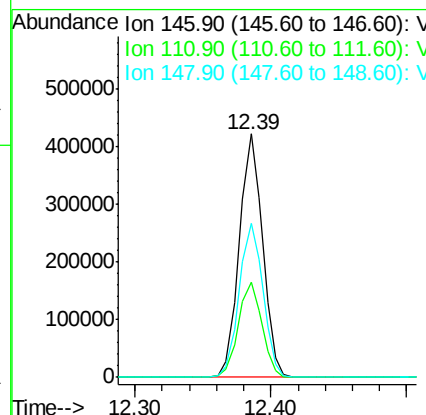
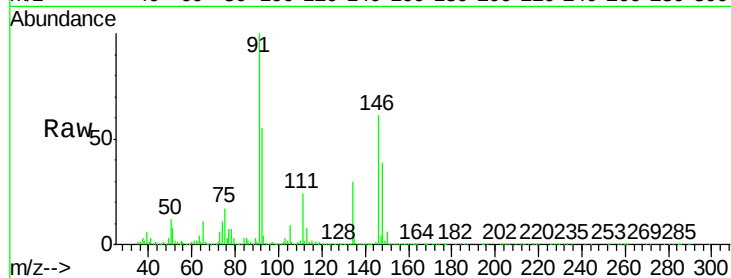
#91
 1,2-Dichlorobenzene
 Concen: 50.009 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	64.9	32.4	97.2

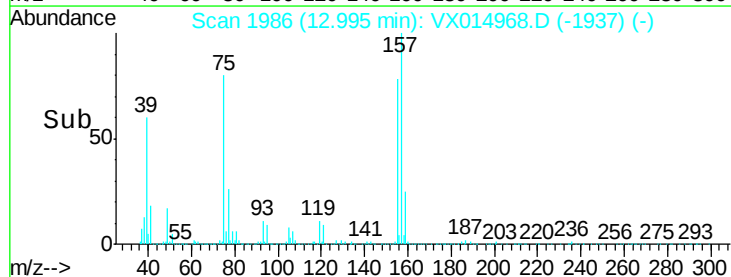
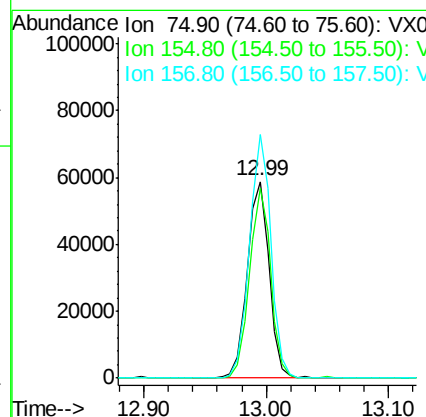
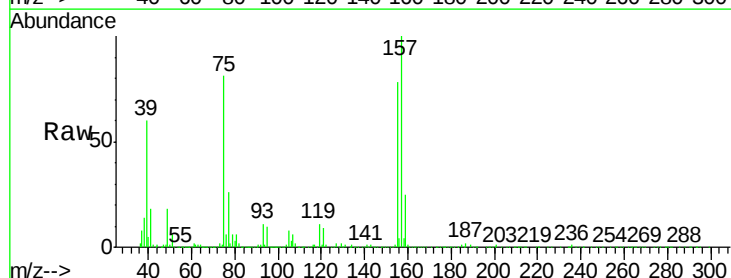
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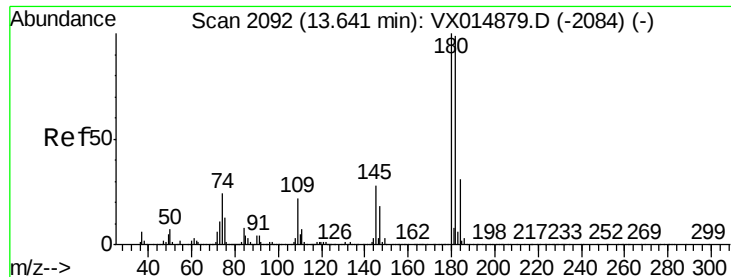
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.842 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	48.6	145.9
157	123.4	62.0	186.0





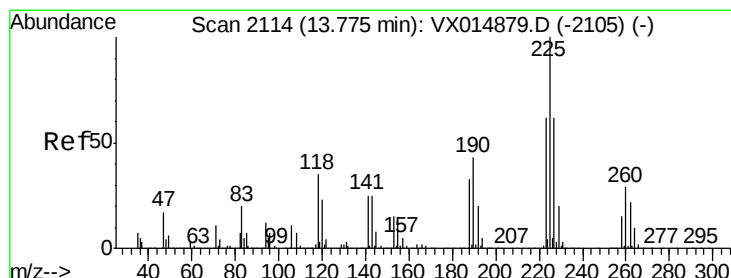
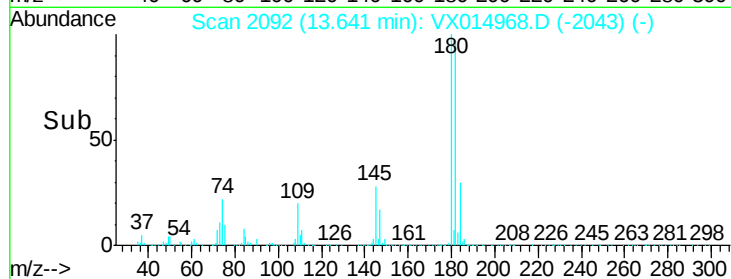
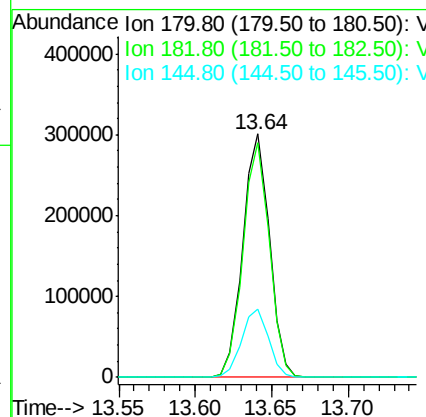
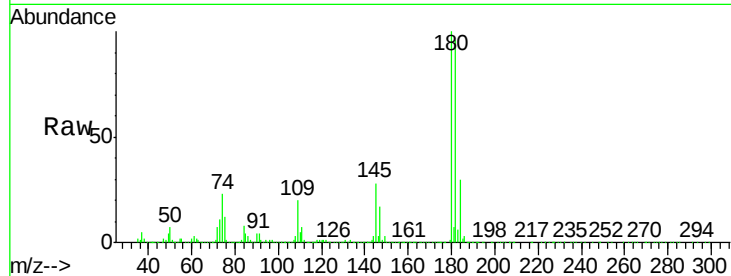
#93
 1,2,4-Trichlorobenzene
 Concen: 49.032 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	363443		
182	95.7	48.4	145.3	
145	28.3	14.1	42.4	

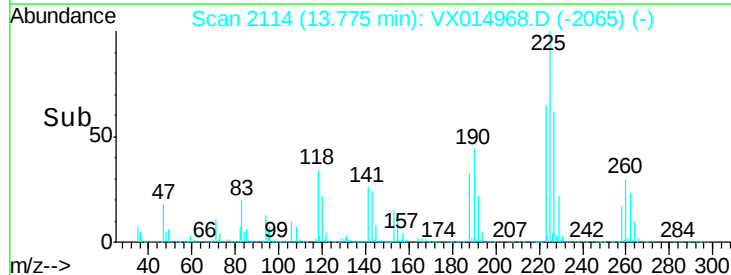
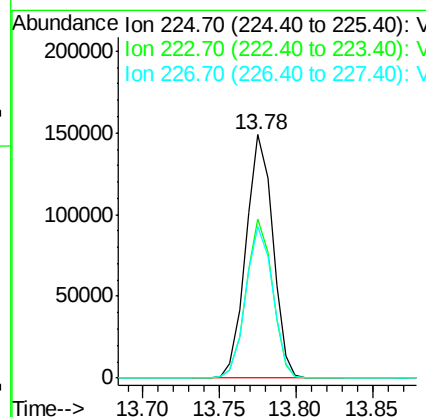
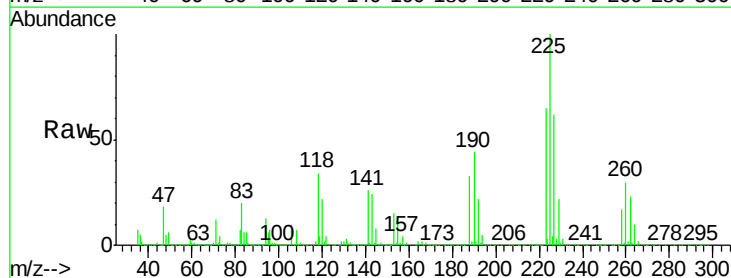
Manual Integrations
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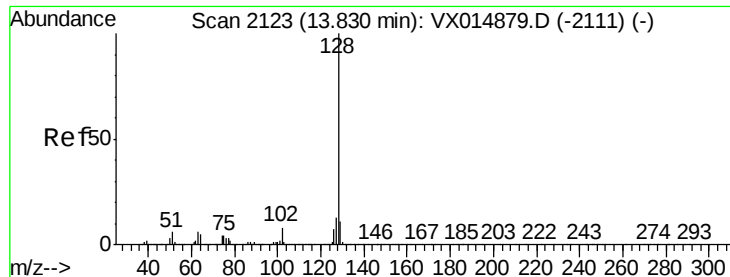
MMDadoda
 2/21/2020 9:15:20 AM



#94
 Hexachlorobutadiene
 Concen: 50.697 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	181759		
223	64.1	31.1	93.2	
227	62.9	30.9	92.5	





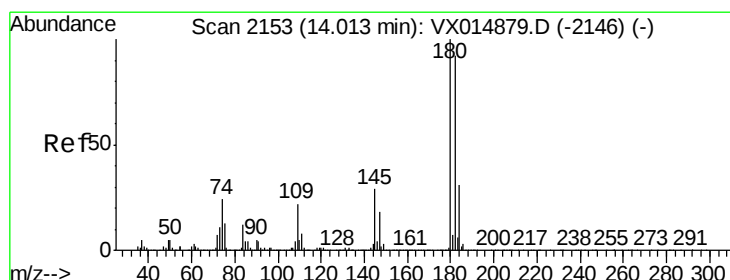
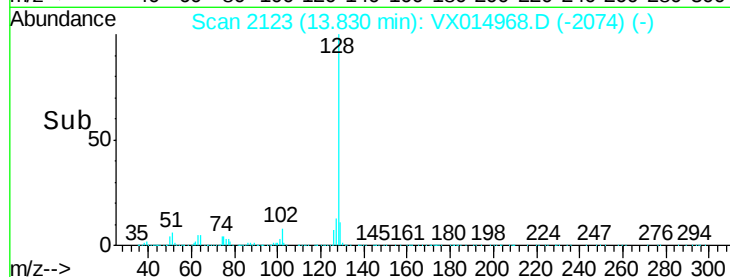
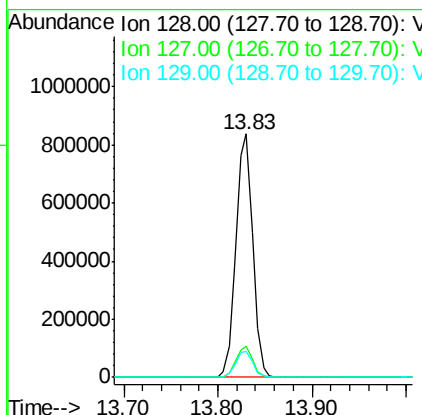
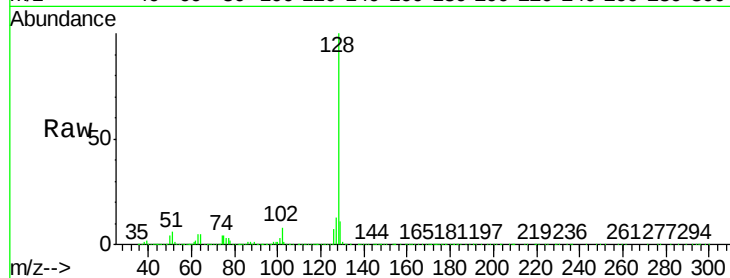
#95
Naphthalene
Concen: 52.362 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/21/2020 9:15:20 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.421 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	29.5	14.5	43.5

